South Dakota Lateral Effect Tables for Aurora County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
AaA	Alwilda loam, 0 to 2 percent slopes	Alwilda	85	361	468	544	602	0
				129	193	257	322	1
				78	117	157	196	2
				56	84	113	141	3
				44	66	88	110	4
				36	54	72	90	5
				31	46	61	76	6
Ar	Arlo loam	Arlo	85	174	230	270	300	0
				93	140	183	219	1
				64	95	127	159	2
				48	72	96	120	3
				39	58	78	97	4
				33	49	65	81	5
				28	42	56	70	6
BaA	Beadle loam, 0 to 3 percent slopes	Beadle	85	49	69	84	96	0
				39	58	73	86	1
				33	49	64	76	2
				28	42	56	68	3
				25	37	49	61	4
				22	33	44	55	5
				20	30	40	50	6
BaB	Beadle loam, 3 to 6 percent slopes	Beadle	85	49	69	84	96	0
				39	58	73	86	1
				33	49	64	76	2
				28	42	56	68	3
				25	37	49	61	4
				22	33	44	55	5
				20	30	40	50	6
BdA	Beadle-Dudley complex, 0 to 3 percent slopes	Beadle	45	49	69	84	96	0
				39	58	73	86	1
				33	49	64	76	2
				28	42	56	68	3
				25	37	49	61	4
				22	33	44	55	5
				20	30	40	50	6
BdA	Beadle-Dudley complex, 0 to 3 percent slopes	Dudley	35	72	99	119	135	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
BeE	Betts-Ethan loams, 15 to 40 percent slopes	Betts	55	51	72	87	99	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				41	60	76	88	1
				34	51	65	78	2
				29	43	57	70	3
				25	38	50	62	4
				22	34	45	56	5
				20	30	40	50	6
BeE	Betts-Ethan loams, 15 to 40 percent slopes	Ethan	25	48	67	82	94	0
				39	56	71	84	1
				32	49	62	75	2
				28	42	55	67	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
BnA	Blendon fine sandy loam, 0 to 3 percent slopes	Blendon	85	114	153	181	203	0
				73	109	138	163	1
				53	80	107	130	2
				42	63	84	105	3
				35	52	70	87	4
				30	44	59	74	5
				26	39	52	64	6
BnB	Blendon fine sandy loam, 3 to 6 percent slopes	Blendon	85	114	153	181	203	0
				73	109	138	163	1
				53	80	107	130	2
				42	63	84	105	3
				35	52	70	87	4
				30	44	59	74	5
				26	39	52	64	6
Bo	Bon loam	Bon	85	86	116	139	157	0
				60	89	112	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
Bx	Bon loam, channeled	Bon	85	86	116	139	157	0
				60	89	112	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
Ca	Clamo silty clay loam	Clamo	85	82	111	133	150	0
				58	86	109	127	1
				45	68	89	107	2
				37	55	74	90	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6
CbB	Clarno loam, 3 to 6 percent slopes	Clarno	85	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
CeC	Clarno-Ethan loams, 6 to 9 percent slopes	Clarno	50	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
CeC	Clarno-Ethan loams, 6 to 9 percent slopes	Ethan	30	48	67	82	94	0
				39	56	71	84	1
				32	49	62	75	2
				28	42	55	67	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
CpA	Clarno-Prosper loams, 0 to 3 percent slopes	Clarno	50	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
CpA	Clarno-Prosper loams, 0 to 3 percent slopes	Prosper	30	64	89	107	121	0
				48	71	91	106	1
				39	59	76	92	2
				33	49	65	79	3
				28	42	56	70	4
				25	37	49	62	5
				22	33	44	55	6
DaA	DeGrey-Jerauld silt loams	DeGrey	50	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
DaA	DeGrey-Jerauld silt loams	Jerauld	30	56	77	94	107	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				44	64	80	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
DeA	DeGrey-Onita silt loams, 0 to 2 percent slopes	DeGrey	50	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
DeA	DeGrey-Onita silt loams, 0 to 2 percent slopes	Onita	30	91	124	148	166	0
				63	93	118	139	1
				48	71	95	114	2
				38	58	77	95	3
				32	48	65	81	4
				28	42	56	69	5
				24	37	49	61	6
DmA	Delmont-Enet loams, 0 to 2 percent slopes	Delmont	50	498	642	744	822	0
				143	214	285	357	1
				83	125	167	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
DmA	Delmont-Enet loams, 0 to 2 percent slopes	Enet	30	526	677	785	866	0
				145	217	290	362	1
				84	126	168	210	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
DmB	Delmont-Enet loams, 2 to 6 percent slopes	Delmont	55	498	642	744	822	0
				143	214	285	357	1
				83	125	167	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
DmB	Delmont-Enet loams, 2 to 6 percent slopes	Enet	25	526	677	785	866	0
				145	217	290	362	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				84	126	168	210	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
DnC	Delmont-Talmo complex, 6 to 15 percent slopes	Delmont	55	498	642	744	822	0
				143	214	285	357	1
				83	125	167	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
DnC	Delmont-Talmo complex, 6 to 15 percent slopes	Talmo	25	489	630	731	807	0
				142	213	284	355	1
				83	125	166	208	2
				59	88	117	147	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
Do	Dimo loam	Dimo	85	252	329	384	427	0
				112	167	223	273	1
				72	107	143	179	2
				53	79	105	132	3
				42	63	83	104	4
				35	52	69	86	5
				29	44	59	74	6
DsA	Dudley-Jerauld silt loams, 0 to 2 percent slopes	Dudley	50	72	99	119	135	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
DsA	Dudley-Jerauld silt loams, 0 to 2 percent slopes	Jerauld	30	56	77	94	107	0
				44	64	80	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
Du	Durrstein silt loam	Durrstein	85	51	71	87	99	0
				41	59	75	88	1
				34	51	65	78	2
				29	43	57	69	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				25	38	50	62	4
				22	34	45	56	5
				20	30	40	50	6
EdA	Eakin-DeGrey silt loams, 0 to 3 percent slopes	Eakin	50	68	94	113	128	0
				51	75	95	111	1
				40	61	79	96	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
EdA	Eakin-DeGrey silt loams, 0 to 3 percent slopes	DeGrey	30	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
EeB	Eakin-Ethan complex, 2 to 6 percent slopes	Eakin	50	68	94	113	128	0
				51	75	95	111	1
				40	61	79	96	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
EeB	Eakin-Ethan complex, 2 to 6 percent slopes	Ethan	30	48	67	82	94	0
				39	56	71	84	1
				32	49	62	75	2
				28	42	55	67	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
EnA	Enet loam, 0 to 2 percent slopes	Enet	85	526	677	785	866	0
				145	217	290	362	1
				84	126	168	210	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
EtD	Ethan-Betts loams, 9 to 15 percent slopes	Ethan	45	48	67	82	94	0
				39	56	71	84	1
				32	49	62	75	2
				28	42	55	67	3
				24	37	49	60	4
				22	33	44	54	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				20	30	39	49	6
EtD	Ethan-Betts loams, 9 to 15 percent slopes	Betts	35	51	72	87	99	0
				41	60	76	88	1
				34	51	65	78	2
				29	43	57	70	3
				25	38	50	62	4
				22	34	45	56	5
				20	30	40	50	6
HbA	Highmore-Onita silt loams, 0 to 2 percent slopes	Highmore	50	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
HbA	Highmore-Onita silt loams, 0 to 2 percent slopes	Onita	30	91	124	148	166	0
				63	93	118	139	1
				48	71	95	114	2
				38	58	77	95	3
				32	48	65	81	4
				28	42	56	69	5
				24	37	49	61	6
HdA	Houdek-Dudley complex, 0 to 3 percent slopes	Houdek	50	54	76	92	105	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
HdA	Houdek-Dudley complex, 0 to 3 percent slopes	Dudley	30	72	99	119	135	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
HdB	Houdek-Dudley complex, 3 to 6 percent slopes	Houdek	50	54	76	92	105	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
HdB	Houdek-Dudley complex, 3 to 6 percent slopes	Dudley	30	72	99	119	135	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
HeB	Houdek-Ethan loams, 2 to 6 percent slopes	Houdek	55	54	76	92	105	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
HeB	Houdek-Ethan loams, 2 to 6 percent slopes	Ethan	25	48	67	82	94	0
				39	56	71	84	1
				32	49	62	75	2
				28	42	55	67	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
HeC	Houdek-Ethan loams, 6 to 9 percent slopes	Houdek	50	54	76	92	105	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
HeC	Houdek-Ethan loams, 6 to 9 percent slopes	Ethan	30	48	67	82	94	0
				39	56	71	84	1
				32	49	62	75	2
				28	42	55	67	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
HhA	Houdek-Hoven complex, 0 to 3 percent slopes	Houdek	50	54	76	92	105	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
HhA	Houdek-Hoven complex, 0 to 3 percent slopes	Hoven	30	70	96	115	130	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
HhB	Houdek-Hoven complex, 0 to 6 percent slopes	Houdek	60	54	76	92	105	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
HhB	Houdek-Hoven complex, 0 to 6 percent slopes	Hoven	20	70	96	115	130	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
HoB	Houdek-Plankinton complex, 0 to 6 percent slopes	Houdek	60	54	76	92	105	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
HoB	Houdek-Plankinton complex, 0 to 6 percent slopes	Plankinton	20	79	108	130	146	0
				57	84	106	125	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
HpA	Houdek-Prosper loams, 0 to 3 percent slopes	Houdek	50	54	76	92	105	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
HpA	Houdek-Prosper loams, 0 to 3 percent slopes	Prosper	30	64	89	107	121	0
				48	71	91	106	1
				39	59	76	92	2
				33	49	65	79	3
				28	42	56	70	4
				25	37	49	62	5
				22	33	44	55	6
Hv	Hoven silt loam	Hoven	85	70	96	115	130	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
Hw	Hoven-Plankinton silt loams	Hoven	45	70	96	115	130	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
Hw	Hoven-Plankinton silt loams	Plankinton	35	79	108	130	146	0
				57	84	106	125	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
La	Lane silty clay loam	Lane	85	65	90	109	123	0
				49	72	92	108	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
MaA	Millboro variant silty clay, 0 to 2 percent slopes	Millboro	85	54	64	barrier	barrier	0
				43	58	barrier	barrier	1
				35	53	barrier	barrier	2
				30	45	barrier	barrier	3
				26	39	barrier	barrier	4
				23	34	barrier	barrier	5
				21	31	barrier	barrier	6
MaB	Millboro variant silty clay, 2 to 6 percent slopes	Millboro	85	54	64	barrier	barrier	0
				43	58	barrier	barrier	1
				35	53	barrier	barrier	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				30	45	barrier	barrier	3
				26	39	barrier	barrier	4
				23	34	barrier	barrier	5
				21	31	barrier	barrier	6
Oa	Onita silt loam	Onita	85	91	124	148	166	0
				63	93	118	139	1
				48	71	95	114	2
				38	58	77	95	3
				32	48	65	81	4
				28	42	56	69	5
				24	37	49	61	6
Pt	Plankinton-Prosper complex	Plankinton	55	79	108	130	146	0
				57	84	106	125	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
Pt	Plankinton-Prosper complex	Prosper	25	64	89	107	121	0
				48	71	91	106	1
				39	59	76	92	2
				33	49	65	79	3
				28	42	56	70	4
				25	37	49	62	5
				22	33	44	55	6
TaC	Talmo gravelly loam, 2 to 15 percent slopes	Talmo	100	489	630	731	807	0
				142	213	284	355	1
				83	125	166	208	2
				59	88	117	147	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
TdE	Talmo-Delmont complex, 15 to 40 percent slopes	Talmo	55	489	630	731	807	0
				142	213	284	355	1
				83	125	166	208	2
				59	88	117	147	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
TdE	Talmo-Delmont complex, 15 to 40 percent slopes	Delmont	25	498	642	744	822	0
				143	214	285	357	1
				83	125	167	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				31	47	62	78	6
Te	Tetonka silt loam	Tetonka	85	89	121	145	163	0
				62	92	116	136	1
				47	71	93	113	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
Wo	Worthing silty clay loam	Worthing	85	53	73	89	102	0
				42	61	77	90	1
				35	52	66	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
Wp	Worthing silty clay loam, ponded	Worthing	85	58	80	97	111	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6

South Dakota Lateral Effect Tables for Beadle County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Ao	Worthing silt loam, ponded	Worthing	100	89	120	144	162	0
				62	92	115	135	1
				47	71	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
BaA	Beadle loam, 0 to 2 percent slopes	Beadle	85	47	67	81	93	0
				38	56	71	83	1
				32	48	62	74	2
				28	41	54	67	3
				24	36	48	59	4
				22	32	43	54	5
				20	29	39	49	6
BaB	Beadle loam, 2 to 6 percent slopes	Beadle	85	47	67	81	93	0
				38	56	71	83	1
				32	48	62	74	2
				28	41	54	67	3
				24	36	48	59	4
				22	32	43	54	5
				20	29	39	49	6
BaC	Beadle loam, 6 to 9 percent slopes	Beadle	90	47	67	81	93	0
				38	56	71	83	1
				32	48	62	74	2
				28	41	54	67	3
				24	36	48	59	4
				22	32	43	54	5
				20	29	39	49	6
BdA	Beadle-Dudley complex, 0 to 2 percent slopes	Beadle	55	47	67	81	93	0
				38	56	71	83	1
				32	48	62	74	2
				28	41	54	67	3
				24	36	48	59	4
				22	32	43	54	5
				20	29	39	49	6
BdA	Beadle-Dudley complex, 0 to 2 percent slopes	Dudley	30	86	117	140	158	0
				60	89	113	133	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
BeD	Betts stony loam, 6 to 40 percent slopes	Betts	85	57	79	96	109	0
				44	65	82	96	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
BfD	Betts-Ethan loams, 9 to 21 percent slopes	Betts	45	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
BfD	Betts-Ethan loams, 9 to 21 percent slopes	Ethan	40	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
BnA	Blendon fine sandy loam, 0 to 2 percent slopes	Blendon	85	176	232	272	303	0
				94	140	185	221	1
				64	96	128	159	2
				48	73	97	121	3
				39	58	78	97	4
				33	49	65	81	5
				28	42	56	70	6
Bo	Bon silt loam	Bon	90	105	141	167	188	0
				69	103	130	153	1
				51	77	102	124	2
				41	61	82	102	3
				34	51	68	85	4
				29	43	58	72	5
				25	38	51	63	6
Bx	Bon silt loam, channeled	Bon	90	101	136	162	181	0
				67	101	127	149	1
				50	75	100	121	2
				40	60	80	100	3
				33	50	67	84	4
				29	43	57	72	5
				25	38	50	63	6
CaA	Carthage fine sandy loam, 0 to 2 percent slopes	Carthage	85	89	121	145	163	0
				62	92	116	136	1
				47	71	93	113	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				24	36	49	61	6
CaB	Carthage fine sandy loam, 2 to 6 percent slopes	Carthage	85	89	121	145	163	0
				62	92	116	136	1
				47	71	93	113	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
CaC	Carthage fine sandy loam, 6 to 9 percent slopes	Carthage	85	89	121	145	163	0
				62	92	116	136	1
				47	71	93	113	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
CbA	Carthage-Blendon fine sandy loams, 0 to 2 percent slopes	Carthage	50	89	121	145	163	0
				62	92	116	136	1
				47	71	93	113	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
CbA	Carthage-Blendon fine sandy loams, 0 to 2 percent slopes	Blendon	35	176	232	272	303	0
				94	140	185	221	1
				64	96	128	159	2
				48	73	97	121	3
				39	58	78	97	4
				33	49	65	81	5
				28	42	56	70	6
CbB	Carthage-Blendon fine sandy loams, 2 to 6 percent slopes	Carthage	55	89	121	145	163	0
				62	92	116	136	1
				47	71	93	113	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
CbB	Carthage-Blendon fine sandy loams, 2 to 6 percent slopes	Blendon	30	176	232	272	303	0
				94	140	185	221	1
				64	96	128	159	2
				48	73	97	121	3
				39	58	78	97	4
				33	49	65	81	5
				28	42	56	70	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
DaB	Davis loam, 2 to 9 percent slopes	Davis	100	85	116	139	156	0
				60	89	112	132	1
				46	69	91	110	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
DeA	Delmont loam, 0 to 2 percent slopes	Delmont	85	524	675	782	864	0
				145	217	290	362	1
				84	126	168	210	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
DfB	Delmont-Talmo complex, 2 to 6 percent slopes	Delmont	65	524	675	782	864	0
				145	217	290	362	1
				84	126	168	210	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
DfB	Delmont-Talmo complex, 2 to 6 percent slopes	Talmo	20	367	474	552	611	0
				129	194	259	324	1
				79	118	157	196	2
				56	85	113	141	3
				44	66	88	110	4
				36	54	72	90	5
				31	46	61	76	6
Dg	Doger loamy fine sand	Doger	85	256	333	389	432	0
				112	168	225	275	1
				72	108	144	180	2
				53	79	106	132	3
				42	63	84	105	4
				35	52	69	86	5
				29	44	59	74	6
DkA	Dudley-Jerauld silt loams, 0 to 3 percent slopes	Dudley	50	86	117	140	158	0
				60	89	113	133	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
DkA	Dudley-Jerauld silt loams, 0 to 3 percent slopes	Jerauld	35	65	90	108	123	0
				49	72	92	107	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
DsA	Dudley-Stickney silt loams, 0 to 3 percent slopes	Dudley	45	86	117	140	158	0
				60	89	113	133	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
DsA	Dudley-Stickney silt loams, 0 to 3 percent slopes	Stickney	35	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
DtA	Dudley-Tetonka silt loams	Dudley	55	86	117	140	158	0
				60	89	113	133	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
DtA	Dudley-Tetonka silt loams	Tetonka	20	100	135	161	181	0
				67	100	126	148	1
				50	75	100	121	2
				40	60	80	100	3
				33	50	67	83	4
				29	43	57	71	5
				25	38	50	63	6
Du	Durrstein silt loam	Durrstein	85	67	92	111	126	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
Eg	Egas silty clay loam	Egas	85	70	96	115	130	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				23	34	45	56	6
Em	Elsmere loamy fine sand, loamy substratum	Elsmere	85	179	236	277	308	0
				94	142	187	223	1
				64	96	128	160	2
				49	73	97	121	3
				39	59	78	98	4
				33	49	65	82	5
				28	42	56	70	6
EnA	Enet loam, 0 to 2 percent slopes	Enet	85	549	707	819	904	0
				147	220	293	366	1
				85	127	169	211	2
				59	89	119	149	3
				46	69	92	115	4
				37	56	75	93	5
				31	47	63	79	6
EnB	Enet loam, 2 to 6 percent slopes	Enet	90	549	707	819	904	0
				147	220	293	366	1
				85	127	169	211	2
				59	89	119	149	3
				46	69	92	115	4
				37	56	75	93	5
				31	47	63	79	6
FoA	Forestburg loamy fine sand, 0 to 3 percent slopes	Forestburg	85	98	132	157	177	0
				66	99	124	146	1
				49	74	99	119	2
				40	60	79	99	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
FoB	Forestburg loamy fine sand, 3 to 6 percent slopes	Forestburg	85	98	132	157	177	0
				66	99	124	146	1
				49	74	99	119	2
				40	60	79	99	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
FrA	Forestburg-Doger loamy fine sands, 0 to 3 percent slopes	Forestburg	45	98	132	157	177	0
				66	99	124	146	1
				49	74	99	119	2
				40	60	79	99	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
FrA	Forestburg-Doger loamy fine sands, 0 to 3 percent slopes	Doger	35	256	333	389	432	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				112	168	225	275	1
				72	108	144	180	2
				53	79	106	132	3
				42	63	84	105	4
				35	52	69	86	5
				29	44	59	74	6
FrB	Forestburg-Doger loamy fine sands, 3 to 6 percent slopes	Forestburg	50	98	132	157	177	0
				66	99	124	146	1
				49	74	99	119	2
				40	60	79	99	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
FrB	Forestburg-Doger loamy fine sands, 3 to 6 percent slopes	Doger	30	256	333	389	432	0
				112	168	225	275	1
				72	108	144	180	2
				53	79	106	132	3
				42	63	84	105	4
				35	52	69	86	5
				29	44	59	74	6
Ga	Grat loam	Grat	85	255	333	389	431	0
				112	168	224	275	1
				72	108	144	180	2
				53	79	106	132	3
				42	63	84	105	4
				35	52	69	86	5
				29	44	59	74	6
GbA	Bend silt loam, 0 to 2 percent slopes	Bend	90	128	171	202	226	0
				78	117	150	178	1
				56	84	112	138	2
				44	66	88	110	3
				36	54	72	90	4
				30	46	61	76	5
				26	40	53	66	6
GzB	Bend-Edwin silt loams, 2 to 6 percent slopes	Bend	65	128	171	202	226	0
				78	117	150	178	1
				56	84	112	138	2
				44	66	88	110	3
				36	54	72	90	4
				30	46	61	76	5
				26	40	53	66	6
GzB	Bend-Edwin silt loams, 2 to 6 percent slopes	Edwin	35	179	236	277	308	0
				94	142	187	223	1
				64	96	128	160	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				49	73	97	121	3
				39	59	78	98	4
				33	49	65	82	5
				28	42	56	70	6
HaA	Hand-Bonilla loams, 0 to 3 percent slopes	Hand	50	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
HaA	Hand-Bonilla loams, 0 to 3 percent slopes	Bonilla	35	90	122	146	164	0
				62	92	117	137	1
				47	71	94	113	2
				38	57	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	36	49	61	6
HaB	Hand-Bonilla loams, 3 to 6 percent slopes	Hand	55	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
HaB	Hand-Bonilla loams, 3 to 6 percent slopes	Bonilla	30	90	122	146	164	0
				62	92	117	137	1
				47	71	94	113	2
				38	57	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	36	49	61	6
HbC	Hand-Ethan loams, 6 to 9 percent slopes	Hand	50	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
HbC	Hand-Ethan loams, 6 to 9 percent slopes	Ethan	35	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
HcB	Houdek stony loam, 0 to 9 percent slopes	Houdek	90	49	69	84	96	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				39	58	73	86	1
				33	49	64	76	2
				28	42	56	68	3
				25	37	49	61	4
				22	33	44	55	5
				20	30	40	50	6
HdB	Houdek-Dudley complex, 3 to 6 percent slopes	Houdek	50	59	81	98	112	0
				46	66	84	98	1
				37	56	72	86	2
				31	47	62	75	3
				27	41	54	66	4
				24	36	48	60	5
				21	32	43	53	6
HdB	Houdek-Dudley complex, 3 to 6 percent slopes	Dudley	35	86	117	140	158	0
				60	89	113	133	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
HeB	Houdek-Ethan loams, 2 to 6 percent slopes	Houdek	50	59	81	98	112	0
				46	66	84	98	1
				37	56	72	86	2
				31	47	62	75	3
				27	41	54	66	4
				24	36	48	60	5
				21	32	43	53	6
HeB	Houdek-Ethan loams, 2 to 6 percent slopes	Ethan	35	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
HeC	Houdek-Ethan loams, 6 to 9 percent slopes	Houdek	50	59	81	98	112	0
				46	66	84	98	1
				37	56	72	86	2
				31	47	62	75	3
				27	41	54	66	4
				24	36	48	60	5
				21	32	43	53	6
HeC	Houdek-Ethan loams, 6 to 9 percent slopes	Ethan	40	53	74	90	103	0
				42	61	78	91	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
HoA	Houdek-Prosper loams, 0 to 2 percent slopes	Houdek	50	59	81	98	112	0
				46	66	84	98	1
				37	56	72	86	2
				31	47	62	75	3
				27	41	54	66	4
				24	36	48	60	5
				21	32	43	53	6
HoA	Houdek-Prosper loams, 0 to 2 percent slopes	Prosper	35	64	89	107	122	0
				48	71	91	106	1
				39	59	76	92	2
				33	49	65	79	3
				28	42	56	70	4
				25	37	49	62	5
				22	33	44	55	6
HoB	Houdek-Prosper loams, 2 to 6 percent slopes	Houdek	55	59	81	98	112	0
				46	66	84	98	1
				37	56	72	86	2
				31	47	62	75	3
				27	41	54	66	4
				24	36	48	60	5
				21	32	43	53	6
HoB	Houdek-Prosper loams, 2 to 6 percent slopes	Prosper	30	66	91	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
Hv	Hoven silt loam	Hoven	90	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
La	LaDelle silt loam	LaDelle	85	113	151	180	201	0
				72	108	137	162	1
				53	80	106	129	2
				42	63	84	105	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				35	52	69	87	4
				30	44	59	74	5
				26	39	51	64	6
Lm	Lamo silt loam	Lamo	90	70	96	115	130	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
LnA	Lane silt loam, 0 to 2 percent slopes	Lane	90	84	115	137	155	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
Lo	Loup loamy fine sand	Loup	90	275	359	419	464	0
				116	174	232	286	1
				73	110	147	183	2
				54	80	107	134	3
				42	63	85	106	4
				35	52	70	87	5
				30	45	59	74	6
Mo	Mobridge silt loam	Mobridge	90	115	154	183	205	0
				73	110	139	164	1
				53	80	107	130	2
				42	63	84	106	3
				35	52	70	87	4
				30	45	59	74	5
				26	39	52	65	6
OkB	Oko clay loam, 3 to 9 percent slopes	Oko	90	48	68	83	95	0
				39	57	72	85	1
				32	49	63	75	2
				28	42	55	68	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
OkD	Oko clay loam, 9 to 21 percent slopes	Oko	90	48	68	83	95	0
				39	57	72	85	1
				32	49	63	75	2
				28	42	55	68	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
PrA	Prosper-Davison loams, 0 to 3 percent slopes	Prosper	55	64	89	107	122	0
				48	71	91	106	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				39	59	76	92	2
				33	49	65	79	3
				28	42	56	70	4
				25	37	49	62	5
				22	33	44	55	6
PrA	Prosper-Davison loams, 0 to 3 percent slopes	Davison	25	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
Sh	Shue loamy fine sand	Shue	85	72	98	118	133	0
				53	78	98	115	1
				42	63	82	99	2
				35	52	69	84	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
Sp	Spottswood loam	Spottswood	85	429	554	644	711	0
				136	205	273	341	1
				81	122	162	203	2
				58	87	115	144	3
				45	67	90	112	4
				37	55	73	91	5
				31	46	62	77	6
St	Stickney-Jerauld silt loam	Stickney	60	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
St	Stickney-Jerauld silt loam	Jerauld	25	65	90	108	123	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
Ta	Tetonka loamy fine sand, overblown	Tetonka	100	61	84	102	116	0
				47	68	86	102	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Te	Tetonka-Hoven silt loams	Tetonka	75	100	135	161	181	0
				67	100	126	148	1
				50	75	100	121	2
				40	60	80	100	3
				33	50	67	83	4
				29	43	57	71	5
				25	38	50	63	6
Te	Tetonka-Hoven silt loams	Hoven	20	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
ZeC	Edwin silt loam, 6 to 12 percent slopes	Edwin	90	179	236	277	308	0
				94	142	187	223	1
				64	96	128	160	2
				49	73	97	121	3
				39	59	78	98	4
				33	49	65	82	5
				28	42	56	70	6

South Dakota Lateral Effect Tables for Bon Homme County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
AaA	Alcester silt loam	Alcester	85	87	118	140	158	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
AcA	Alcester-Chancellor complex	Alcester	50	87	118	140	158	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
AcA	Alcester-Chancellor complex	Chancellor	35	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
Bn	Bon loam	Bon	85	83	114	136	153	0
				59	87	111	130	1
				45	68	90	109	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
Bo	Bon loam, channeled	Bon	85	83	114	136	153	0
				59	87	111	130	1
				45	68	90	109	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
Br	Bonilla-Crossplain complex	Bonilla	50	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
Br	Bonilla-Crossplain complex	Crossplain	30	42	60	73	84	0
				35	51	65	76	1
				30	44	57	68	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				26	39	51	62	3
				23	34	45	56	4
				20	31	41	51	5
				19	28	37	46	6
BsE	Boyd-Sansarc clays, 15 to 40 percent slopes	Boyd	50	27	barrier	barrier	barrier	0
				24	barrier	barrier	barrier	1
				21	barrier	barrier	barrier	2
				19	barrier	barrier	barrier	3
				18	barrier	barrier	barrier	4
				16	barrier	barrier	barrier	5
				15	barrier	barrier	barrier	6
BsE	Boyd-Sansarc clays, 15 to 40 percent slopes	Sansarc	30	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
CmA	Clarno-Bonilla loams, 0 to 2 percent slopes	Clarno	60	48	67	82	94	0
				39	56	71	84	1
				32	49	62	75	2
				28	42	55	67	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
CmA	Clarno-Bonilla loams, 0 to 2 percent slopes	Bonilla	25	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
CmB	Clarno-Bonilla loams, 2 to 6 percent slopes	Clarno	60	48	67	82	94	0
				39	56	71	84	1
				32	49	62	75	2
				28	42	55	67	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
CmB	Clarno-Bonilla loams, 2 to 6 percent slopes	Bonilla	25	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
CnA	Clarno-Crossplain-Davison complex, 0 to 3 percent slopes	Clarno	45	48	67	82	94	0
				39	56	71	84	1
				32	49	62	75	2
				28	42	55	67	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
CnA	Clarno-Crossplain-Davison complex, 0 to 3 percent slopes	Crossplain	25	42	60	73	84	0
				35	51	65	76	1
				30	44	57	68	2
				26	39	51	62	3
				23	34	45	56	4
				20	31	41	51	5
				19	28	37	46	6
CnA	Clarno-Crossplain-Davison complex, 0 to 3 percent slopes	Davison	15	72	98	118	134	0
				53	78	98	115	1
				42	63	82	99	2
				35	52	69	84	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
CsB	Clarno-Ethan-Bonilla loams, 2 to 6 percent slopes	Clarno	45	48	67	82	94	0
				39	56	71	84	1
				32	49	62	75	2
				28	42	55	67	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
CsB	Clarno-Ethan-Bonilla loams, 2 to 6 percent slopes	Ethan	25	47	67	81	93	0
				38	56	71	83	1
				32	48	62	74	2
				28	41	54	67	3
				24	36	48	59	4
				22	32	43	54	5
				20	29	39	49	6
CsB	Clarno-Ethan-Bonilla loams, 2 to 6 percent slopes	Bonilla	15	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				27	40	54	67	5
				24	35	47	59	6
DaB	Davis loam, 0 to 6 percent slopes	Davis	85	84	114	136	153	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
DaC	Davis loam, 6 to 15 percent slopes	Davis	85	84	114	136	153	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
DlC	Delmont-Talmo loams, 6 to 9 percent slopes	Delmont	50	483	623	722	798	0
				141	212	283	354	1
				83	124	166	207	2
				59	88	117	146	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
DlC	Delmont-Talmo loams, 6 to 9 percent slopes	Talmo	30	397	513	596	659	0
				133	199	266	332	1
				80	120	160	200	2
				57	86	114	143	3
				44	67	89	111	4
				36	55	73	91	5
				31	46	62	77	6
EaA	Eltree silt loam, 0 to 2 percent slopes	Eltree	90	87	119	142	159	0
				61	90	114	134	1
				47	70	92	112	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
EaB	Eltree silt loam, 2 to 6 percent slopes	Eltree	85	87	119	142	159	0
				61	90	114	134	1
				47	70	92	112	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
EbC	Eltree-Ethan complex, 6 to 9 percent slopes	Eltree	55	87	119	142	159	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				61	90	114	134	1
				47	70	92	112	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
EbC	Eltree-Ethan complex, 6 to 9 percent slopes	Ethan	30	47	67	81	93	0
				38	56	71	83	1
				32	48	62	74	2
				28	41	54	67	3
				24	36	48	59	4
				22	32	43	54	5
				20	29	39	49	6
EbE	Eltree-Ethan complex, 9 to 40 percent slopes	Eltree	50	87	119	142	159	0
				61	90	114	134	1
				47	70	92	112	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
EbE	Eltree-Ethan complex, 9 to 40 percent slopes	Ethan	35	47	67	81	93	0
				38	56	71	83	1
				32	48	62	74	2
				28	41	54	67	3
				24	36	48	59	4
				22	32	43	54	5
				20	29	39	49	6
EcD	Eltree-Crofton silt loams, 9 to 15 percent slopes	Eltree	55	87	119	142	159	0
				61	90	114	134	1
				47	70	92	112	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
EcD	Eltree-Crofton silt loams, 9 to 15 percent slopes	Crofton	30	166	220	258	288	0
				91	136	178	213	1
				62	94	125	156	2
				48	71	95	119	3
				38	58	77	96	4
				32	48	64	81	5
				28	42	56	69	6
EdA	Enet-Delmont loams, 0 to 2 percent slopes	Enet	50	184	242	284	317	0
				96	144	190	227	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				65	97	130	162	2
				49	73	98	122	3
				39	59	79	98	4
				33	49	66	82	5
				28	42	56	71	6
EdA	Enet-Delmont loams, 0 to 2 percent slopes	Delmont	35	483	623	722	798	0
				141	212	283	354	1
				83	124	166	207	2
				59	88	117	146	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
EdB	Enet-Delmont loams, 2 to 6 percent slopes	Enet	45	184	242	284	317	0
				96	144	190	227	1
				65	97	130	162	2
				49	73	98	122	3
				39	59	79	98	4
				33	49	66	82	5
				28	42	56	71	6
EdB	Enet-Delmont loams, 2 to 6 percent slopes	Delmont	40	483	623	722	798	0
				141	212	283	354	1
				83	124	166	207	2
				59	88	117	146	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
EhB	Ethan-Alcester complex, 1 to 6 percent slopes	Ethan	45	47	67	81	93	0
				38	56	71	83	1
				32	48	62	74	2
				28	41	54	67	3
				24	36	48	59	4
				22	32	43	54	5
				20	29	39	49	6
EhB	Ethan-Alcester complex, 1 to 6 percent slopes	Alcester	35	87	118	140	158	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
EhC	Ethan-Alcester complex, 1 to 9 percent slopes	Ethan	50	47	67	81	93	0
				38	56	71	83	1
				32	48	62	74	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				28	41	54	67	3
				24	36	48	59	4
				22	32	43	54	5
				20	29	39	49	6
EhC	Ethan-Alcester complex, 1 to 9 percent slopes	Alcester	30	87	118	140	158	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
EmE	Ethan-Betts loams, 15 to 40 percent slopes	Ethan	50	47	67	81	93	0
				38	56	71	83	1
				32	48	62	74	2
				28	41	54	67	3
				24	36	48	59	4
				22	32	43	54	5
				20	29	39	49	6
EmE	Ethan-Betts loams, 15 to 40 percent slopes	Betts	30	52	73	89	101	0
				41	60	77	90	1
				34	51	66	80	2
				29	44	58	71	3
				25	38	51	63	4
				23	34	45	56	5
				20	30	41	51	6
EnC	Ethan-Bonilla loams, 1 to 9 percent slopes	Ethan	55	47	67	81	93	0
				38	56	71	83	1
				32	48	62	74	2
				28	41	54	67	3
				24	36	48	59	4
				22	32	43	54	5
				20	29	39	49	6
EnC	Ethan-Bonilla loams, 1 to 9 percent slopes	Bonilla	30	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
EoD	Ethan-Davis loams, 9 to 15 percent slopes	Ethan	50	47	67	81	93	0
				38	56	71	83	1
				32	48	62	74	2
				28	41	54	67	3
				24	36	48	59	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				22	32	43	54	5
				20	29	39	49	6
EoD	Ethan-Davis loams, 9 to 15 percent slopes	Davis	40	84	114	136	153	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
EpC	Ethan-Homme complex, 6 to 9 percent slopes	Ethan	55	47	67	81	93	0
				38	56	71	83	1
				32	48	62	74	2
				28	41	54	67	3
				24	36	48	59	4
				22	32	43	54	5
				20	29	39	49	6
EpC	Ethan-Homme complex, 6 to 9 percent slopes	Homme	35	59	82	99	112	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
Fv	Norway loamy fine sand, frequently flooded	Norway	100	307	398	464	514	0
				121	182	242	303	1
				75	113	151	189	2
				55	82	110	137	3
				43	64	86	107	4
				35	53	71	88	5
				30	45	60	75	6
GeE	Gavins-Ethan loams, 15 to 40 percent slopes	Gavins	50	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
GeE	Gavins-Ethan loams, 15 to 40 percent slopes	Ethan	30	47	67	81	93	0
				38	56	71	83	1
				32	48	62	74	2
				28	41	54	67	3
				24	36	48	59	4
				22	32	43	54	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				20	29	39	49	6
GrA	Graceville silty clay loam, 0 to 2 percent slopes	Graceville	85	285	371	433	479	0
				118	176	235	292	1
				74	111	148	185	2
				54	81	108	135	3
				43	64	85	106	4
				35	53	70	88	5
				30	45	60	75	6
HmA	Homme-Davison-Tetonka complex, 0 to 3 percent slopes	Homme	50	59	82	99	112	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
HmA	Homme-Davison-Tetonka complex, 0 to 3 percent slopes	Tetonka	20	72	98	118	134	0
				53	78	98	115	1
				42	63	82	99	2
				35	52	69	84	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
HmA	Homme-Davison-Tetonka complex, 0 to 3 percent slopes	Davison	20	88	119	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
HnB	Homme-Ethan-Onita complex, 1 to 6 percent slopes	Homme	45	59	82	99	112	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
HnB	Homme-Ethan-Onita complex, 1 to 6 percent slopes	Ethan	25	47	67	81	93	0
				38	56	71	83	1
				32	48	62	74	2
				28	41	54	67	3
				24	36	48	59	4
				22	32	43	54	5
				20	29	39	49	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
HnB	Homme-Ethan-Onita complex, 1 to 6 percent slopes	Onita	15	82	112	134	151	0
				58	86	109	128	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6
HpB	Homme-Ethan-Tetonka complex, 0 to 6 percent slopes	Homme	50	59	82	99	112	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
HpB	Homme-Ethan-Tetonka complex, 0 to 6 percent slopes	Ethan	20	47	67	81	93	0
				38	56	71	83	1
				32	48	62	74	2
				28	41	54	67	3
				24	36	48	59	4
				22	32	43	54	5
				20	29	39	49	6
HpB	Homme-Ethan-Tetonka complex, 0 to 6 percent slopes	Tetonka	15	88	119	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
HpC	Homme-Ethan-Tetonka complex, 0 to 9 percent slopes	Homme	45	59	82	99	112	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
HpC	Homme-Ethan-Tetonka complex, 0 to 9 percent slopes	Ethan	25	47	67	81	93	0
				38	56	71	83	1
				32	48	62	74	2
				28	41	54	67	3
				24	36	48	59	4
				22	32	43	54	5
				20	29	39	49	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
HpC	Homme-Ethan-Tetonka complex, 0 to 9 percent slopes	Tetonka	15	88	119	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
HrA	Homme-Onita silty clay loams, 0 to 2 percent slopes	Homme	60	59	82	99	112	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
HrA	Homme-Onita silty clay loams, 0 to 2 percent slopes	Onita	25	84	114	136	153	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
HrB	Homme-Onita silty clay loams, 1 to 6 percent slopes	Homme	60	59	82	99	112	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
HrB	Homme-Onita silty clay loams, 1 to 6 percent slopes	Onita	25	82	112	134	151	0
				58	86	109	128	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6
HtA	Homme-Onita-Tetonka complex, 0 to 3 percent slopes	Homme	45	59	82	99	112	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
HtA	Homme-Onita-Tetonka complex, 0 to 3 percent slopes	Onita	25	84	114	136	153	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
HtA	Homme-Onita-Tetonka complex, 0 to 3 percent slopes	Tetonka	15	88	119	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
La	Lamo silt loam	Lamo	85	69	94	114	129	0
				51	75	95	112	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
OcA	Onita-Chancellor silty clay loams	Onita	55	84	114	136	153	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
OcA	Onita-Chancellor silty clay loams	Chancellor	30	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
ReD	Redstoe variant-Gavins complex, 6 to 25 percent slopes	Redstoe	50	131	175	206	231	0
				79	119	152	181	1
				57	85	113	140	2
				44	66	88	110	3
				36	54	72	90	4
				31	46	61	77	5
				27	40	53	66	6
ReD	Redstoe variant-Gavins complex, 6 to 25 percent slopes	Gavins	30	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
Sa	Salmo silty clay loam	Salmo	85	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
Sb	Sardak-Waubonsie complex	Sardak	60	322	418	486	539	0
				123	185	247	308	1
				76	114	153	191	2
				55	83	110	138	3
				43	65	87	108	4
				36	53	71	89	5
				30	45	60	76	6
Sb	Sardak-Waubonsie complex	Waubonsie	25	58	80	97	111	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
TaE	Talmo-Delmont loams, 15 to 40 percent slopes	Talmo	60	397	513	596	659	0
				133	199	266	332	1
				80	120	160	200	2
				57	86	114	143	3
				44	67	89	111	4
				36	55	73	91	5
				31	46	62	77	6
TaE	Talmo-Delmont loams, 15 to 40 percent slopes	Delmont	30	483	623	722	798	0
				141	212	283	354	1
				83	124	166	207	2
				59	88	117	146	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
TbE	Talmo-Ethan very stony complex, 6 to 40 percent slopes	Talmo	45	330	428	498	551	0
				125	187	249	311	1
				77	115	153	192	2
				55	83	111	139	3
				43	65	87	109	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				36	54	71	89	5
				30	45	61	76	6
TbE	Talmo-Ethan very stony complex, 6 to 40 percent slopes	Ethan	35	48	67	82	94	0
				39	56	71	84	1
				32	49	62	75	2
				28	42	55	67	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
Te	Tetonka silt loam	Tetonka	85	88	119	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
ThC	Thurman loamy sand, 6 to 15 percent slopes	Thurman	80	249	324	379	421	0
				111	166	222	271	1
				71	107	143	178	2
				53	79	105	131	3
				42	62	83	104	4
				34	52	69	86	5
				29	44	59	73	6
ThE	Thurman loamy sand, 15 to 40 percent slopes	Thurman	80	249	324	379	421	0
				111	166	222	271	1
				71	107	143	178	2
				53	79	105	131	3
				42	62	83	104	4
				34	52	69	86	5
				29	44	59	73	6
Wg	Worthing silty clay loam	Worthing	85	63	87	106	120	0
				48	70	89	105	1
				39	58	75	91	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
Wo	Worthing silty clay loam, ponded	Worthing	99	71	97	117	132	0
				52	77	98	114	1
				42	62	81	98	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
YaA	Yankton-Alcester silt loams, 0 to 2 percent slopes	Yankton	60	100	134	160	180	0
				67	100	125	148	1
				50	75	100	120	2
				40	60	80	100	3
				33	50	67	83	4
				29	43	57	71	5
				25	38	50	63	6
YaA	Yankton-Alcester silt loams, 0 to 2 percent slopes	Alcester	25	87	118	140	158	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
YaB	Yankton-Alcester silt loams, 1 to 6 percent slopes	Yankton	60	100	134	160	180	0
				67	100	125	148	1
				50	75	100	120	2
				40	60	80	100	3
				33	50	67	83	4
				29	43	57	71	5
				25	38	50	63	6
YaB	Yankton-Alcester silt loams, 1 to 6 percent slopes	Alcester	25	87	118	140	158	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6

South Dakota Lateral Effect Tables for Brookings County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Aa	Allivar sandy loam, 0 to 2 percent slopes	Allivar	85	316	411	478	530	0
				122	184	245	306	1
				76	114	152	190	2
				55	83	110	138	3
				43	65	86	108	4
				36	53	71	89	5
				30	45	60	75	6
Ar	Arlo loam, 0 to 1 percent slopes	Arlo	90	177	234	274	306	0
				94	141	185	222	1
				64	96	128	160	2
				48	73	97	121	3
				39	58	78	97	4
				33	49	65	82	5
				28	42	56	70	6
AvB	Arvilla sandy loam, 2 to 6 percent slopes	Arvilla	85	247	322	376	418	0
				111	166	221	270	1
				71	107	142	178	2
				52	79	105	131	3
				42	62	83	104	4
				34	52	69	86	5
				29	44	59	73	6
Ba	Badger silty clay loam, 0 to 1 percent slopes	Badger	85	68	93	112	127	0
				51	74	94	110	1
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
BbA	Barnes clay loam, 0 to 2 percent slopes	Barnes	85	50	70	85	97	0
				40	58	74	87	1
				33	50	64	77	2
				29	43	56	69	3
				25	38	50	61	4
				22	33	44	55	5
				20	30	40	50	6
BbB	Barnes clay loam, 2 to 6 percent slopes	Barnes	80	50	70	85	97	0
				40	58	74	87	1
				33	50	64	77	2
				29	43	56	69	3
				25	38	50	61	4
				22	33	44	55	5
				20	30	40	50	6
BcB	Barnes-Buse loams, 2 to 6 percent slopes	Barnes	60	55	77	93	106	0
				43	63	80	94	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				35	53	69	83	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
BcB	Barnes-Buse loams, 2 to 6 percent slopes	Buse	30	37	52	65	74	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
BeA	Brandt silty clay loam, 0 to 2 percent slopes	Brandt	85	226	296	346	384	0
				106	159	212	256	1
				69	104	139	173	2
				51	77	103	129	3
				41	61	82	102	4
				34	51	68	85	5
				29	44	58	73	6
BeB	Brandt silty clay loam, 2 to 6 percent slopes	Brandt	85	226	296	346	384	0
				106	159	212	256	1
				69	104	139	173	2
				51	77	103	129	3
				41	61	82	102	4
				34	51	68	85	5
				29	44	58	73	6
Bf	Brookings silty clay loam, 0 to 2 percent slopes	Brookings	85	60	84	101	115	0
				46	68	86	101	1
				38	56	73	88	2
				32	47	63	77	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
BgC	Buse-Barnes loams, 6 to 9 percent slopes	Buse	55	37	52	65	74	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
BgC	Buse-Barnes loams, 6 to 9 percent slopes	Barnes	30	55	77	93	106	0
				43	63	80	94	1
				35	53	69	83	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
BgD	Buse-Barnes loams, 9 to 20 percent slopes	Buse	50	37	52	65	74	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
BgD	Buse-Barnes loams, 9 to 20 percent slopes	Barnes	35	55	77	93	106	0
				43	63	80	94	1
				35	53	69	83	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
BhC	Buse-Barnes loams, 2 to 9 percent slopes, very stony	Buse	55	37	52	65	74	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
BhC	Buse-Barnes loams, 2 to 9 percent slopes, very stony	Barnes	35	55	77	93	106	0
				43	63	80	94	1
				35	53	69	83	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
BhE	Buse-Barnes loams, 9 to 40 percent slopes, very stony	Buse	65	37	52	65	74	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
BhE	Buse-Barnes loams, 9 to 40 percent slopes, very stony	Barnes	20	55	77	93	106	0
				43	63	80	94	1
				35	53	69	83	2
				30	45	60	73	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
BkE	Buse-Lamoure, channeled, complex, 0 to 40 percent slopes	Buse	60	37	52	65	74	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
BkE	Buse-Lamoure, channeled, complex, 0 to 40 percent slopes	Lamoure	20	95	129	153	172	0
				64	96	122	143	1
				49	73	97	117	2
				39	59	78	98	3
				33	49	66	82	4
				28	42	56	70	5
				25	37	49	62	6
BoE	Buse-Langhei complex, 15 to 40 percent slopes	Buse	60	37	52	65	74	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
BoE	Buse-Langhei complex, 15 to 40 percent slopes	Langhei	25	34	49	61	70	0
				29	43	54	64	1
				25	38	49	59	2
				23	34	44	54	3
				20	30	40	49	4
				18	28	37	45	5
				17	25	34	42	6
BpD	Buse-Poinsett complex, 9 to 15 percent slopes	Buse	50	37	52	65	74	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
BpD	Buse-Poinsett complex, 9 to 15 percent slopes	Poinsett	40	84	115	137	155	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				27	41	54	68	5
				24	36	48	60	6
BrD	Buse, very stony-Poinsett complex, 9 to 25 percent slopes	Buse	55	36	51	64	73	0
				31	44	57	67	1
				26	39	51	61	2
				23	35	46	55	3
				21	31	41	51	4
				19	28	38	46	5
				17	26	35	43	6
BrD	Buse, very stony-Poinsett complex, 9 to 25 percent slopes	Poinsett	35	84	115	137	155	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
BsC	Buse-Singsaas complex, 6 to 9 percent slopes	Buse	55	37	52	65	74	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
BsC	Buse-Singsaas complex, 6 to 9 percent slopes	Singsaas	30	73	100	121	136	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
BxE	Buse-Sioux complex, 9 to 40 percent slopes	Buse	55	37	52	65	74	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
BxE	Buse-Sioux complex, 9 to 40 percent slopes	Sioux	30	432	557	647	715	0
				137	205	273	342	1
				81	122	162	203	2
				58	87	116	144	3
				45	67	90	112	4
				37	55	73	92	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				31	46	62	77	6
Ca	Castlewood silty clay, 0 to 1 percent slopes	Castlewood	90	71	97	117	132	0
				52	77	98	114	1
				42	62	81	98	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
Ch	Chaska loam, channeled	Chaska	90	49	68	83	95	0
				39	57	72	85	1
				33	49	63	75	2
				28	42	55	68	3
				25	37	49	60	4
				22	33	44	54	5
				20	30	40	50	6
Cm	Clamo silty clay, 0 to 1 percent slopes	Clamo	90	92	124	148	167	0
				63	94	118	139	1
				48	72	95	115	2
				39	58	77	96	3
				32	49	65	81	4
				28	42	56	70	5
				24	37	49	61	6
Co	Cubden-Badger silty clay loams, 0 to 2 percent slopes	Cubden	60	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
Co	Cubden-Badger silty clay loams, 0 to 2 percent slopes	Badger	30	68	93	112	127	0
				51	74	94	110	1
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
Ct	Cubden-Tonka silty clay loams, 0 to 2 percent slopes	Cubden	50	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
Ct	Cubden-Tonka silty clay loams, 0 to 2 percent slopes	Tonka	40	52	72	88	100	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				41	60	76	89	1
				34	51	66	79	2
				29	44	58	70	3
				25	38	51	62	4
				23	34	45	56	5
				20	30	41	51	6
DaB	Darnen loam, 2 to 6 percent slopes	Darnen	85	52	73	88	101	0
				41	60	77	89	1
				34	51	66	79	2
				29	44	58	71	3
				25	38	51	63	4
				23	34	45	56	5
				20	30	41	51	6
DcA	Davis loam, 0 to 2 percent slopes	Davis	90	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
DcB	Davis loam, 2 to 6 percent slopes	Davis	90	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
Dm	Dimo clay loam, 0 to 2 percent slopes	Dimo	90	245	320	374	415	0
				110	165	220	269	1
				71	107	142	178	2
				52	79	105	131	3
				42	62	83	104	4
				34	52	69	86	5
				29	44	59	73	6
Dn	Divide loam, 0 to 2 percent slopes	Divide	85	192	252	296	330	0
				98	147	195	233	1
				66	99	132	164	2
				49	74	99	124	3
				40	60	79	99	4
				33	50	66	83	5
				28	43	57	71	6
DoB	Doland loam, 2 to 6 percent slopes	Doland	85	45	63	77	88	0
				37	53	68	79	1
				31	46	60	71	2
				27	40	53	64	3
				24	36	47	58	4
				21	32	42	52	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				19	29	38	48	6
DsA	Doland-Svea loams, 0 to 2 percent slopes	Doland	55	45	63	77	88	0
				37	53	68	79	1
				31	46	60	71	2
				27	40	53	64	3
				24	36	47	58	4
				21	32	42	52	5
				19	29	38	48	6
DsA	Doland-Svea loams, 0 to 2 percent slopes	Svea	25	85	116	139	156	0
				60	89	112	132	1
				46	69	91	110	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
EaB	Egan-Ethan complex, 2 to 6 percent slopes	Egan	65	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
EaB	Egan-Ethan complex, 2 to 6 percent slopes	Ethan	25	55	76	93	106	0
				43	63	79	94	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
EeB	Egan-Wentworth-Trent silty clay loams, 1 to 6 percent slopes	Egan	35	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
EeB	Egan-Wentworth-Trent silty clay loams, 1 to 6 percent slopes	Wentworth	30	91	123	147	166	0
				63	93	117	138	1
				48	71	95	114	2
				38	58	77	95	3
				32	48	65	81	4
				28	42	56	69	5
				24	37	49	61	6
EeB	Egan-Wentworth-Trent silty clay loams, 1 to 6 percent slopes	Trent	20	83	112	135	152	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				59	87	109	128	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
EgA	Egeland-Embden complex, 0 to 2 percent slopes	Egeland	50	167	221	260	290	0
				91	137	179	214	1
				63	94	125	156	2
				48	71	95	119	3
				38	58	77	96	4
				32	48	65	81	5
				28	42	56	69	6
EgA	Egeland-Embden complex, 0 to 2 percent slopes	Embden	45	152	202	237	265	0
				86	130	168	201	1
				60	90	121	151	2
				46	70	93	116	3
				38	56	75	94	4
				32	48	63	79	5
				27	41	55	68	6
EgB	Egeland-Embden complex, 2 to 6 percent slopes	Egeland	60	167	221	260	290	0
				91	137	179	214	1
				63	94	125	156	2
				48	71	95	119	3
				38	58	77	96	4
				32	48	65	81	5
				28	42	56	69	6
EgB	Egeland-Embden complex, 2 to 6 percent slopes	Embden	30	152	202	237	265	0
				86	130	168	201	1
				60	90	121	151	2
				46	70	93	116	3
				38	56	75	94	4
				32	48	63	79	5
				27	41	55	68	6
EnA	Enet loam, 0 to 2 percent slopes, rarely flooded	Enet	90	519	668	775	855	0
				144	217	289	361	1
				84	126	168	210	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
EsA	Estelline silt loam, 0 to 2 percent slopes	Estelline	90	531	684	793	875	0
				145	218	291	363	1
				84	126	168	210	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				59	89	118	148	3
				46	69	91	114	4
				37	56	74	93	5
				31	47	63	78	6
EsB	Estelline silt loam, 2 to 6 percent slopes	Estelline	85	531	684	793	875	0
				145	218	291	363	1
				84	126	168	210	2
				59	89	118	148	3
				46	69	91	114	4
				37	56	74	93	5
				31	47	63	78	6
EtB	Estelline-Sioux complex, 2 to 6 percent slopes	Estelline	60	531	684	793	875	0
				145	218	291	363	1
				84	126	168	210	2
				59	89	118	148	3
				46	69	91	114	4
				37	56	74	93	5
				31	47	63	78	6
EtB	Estelline-Sioux complex, 2 to 6 percent slopes	Sioux	30	432	557	647	715	0
				137	205	273	342	1
				81	122	162	203	2
				58	87	116	144	3
				45	67	90	112	4
				37	55	73	92	5
				31	46	62	77	6
EvD	Ethan-Clarno loams, 9 to 15 percent slopes	Ethan	60	55	76	93	106	0
				43	63	79	94	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
EvD	Ethan-Clarno loams, 9 to 15 percent slopes	Clarno	35	60	83	100	114	0
				46	67	85	100	1
				38	56	73	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
EwC	Ethan-Egan complex, 6 to 9 percent slopes	Ethan	50	55	76	93	106	0
				43	63	79	94	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				23	35	46	58	5
				21	31	42	52	6
EwC	Ethan-Egan complex, 6 to 9 percent slopes	Egan	45	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
Fa	Fairdale loam, channeled	Fairdale	85	97	131	156	175	0
				65	98	123	145	1
				49	74	98	118	2
				40	59	79	99	3
				33	49	66	82	4
				28	42	57	71	5
				25	37	50	62	6
Fb	Fordtown loam, 0 to 2 percent slopes	Fordtown	85	332	431	501	555	0
				125	187	250	312	1
				77	115	154	192	2
				56	83	111	139	3
				43	65	87	109	4
				36	54	71	89	5
				30	45	61	76	6
Fc	Fordtown-Spottswood loams, 0 to 2 percent slopes	Fordtown	55	332	431	501	555	0
				125	187	250	312	1
				77	115	154	192	2
				56	83	111	139	3
				43	65	87	109	4
				36	54	71	89	5
				30	45	61	76	6
Fc	Fordtown-Spottswood loams, 0 to 2 percent slopes	Spottswood	30	455	588	682	753	0
				139	208	278	347	1
				82	123	164	205	2
				58	87	116	145	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
FdA	Fordville loam, 0 to 2 percent slopes	Fordville	90	447	577	670	740	0
				138	207	276	345	1
				82	123	163	204	2
				58	87	116	145	3
				45	67	90	112	4
				37	55	73	92	5
				31	47	62	78	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
FrB	Fordville-Renshaw loams, 2 to 6 percent slopes	Fordville	60	447	577	670	740	0
				138	207	276	345	1
				82	123	163	204	2
				58	87	116	145	3
				45	67	90	112	4
				37	55	73	92	5
				31	47	62	78	6
FrB	Fordville-Renshaw loams, 2 to 6 percent slopes	Renshaw	30	220	288	337	374	0
				105	157	210	252	1
				69	103	138	172	2
				51	77	102	128	3
				41	61	81	102	4
				34	51	68	85	5
				29	43	58	72	6
Gs	Goldsmith silty clay loam, 0 to 2 percent slopes	Goldsmith	90	262	342	399	442	0
				113	170	227	279	1
				72	109	145	181	2
				53	80	106	133	3
				42	63	84	105	4
				35	52	69	87	5
				30	44	59	74	6
Hb	Hamerly-Badger complex, 0 to 2 percent slopes	Hamerly	55	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
Hb	Hamerly-Badger complex, 0 to 2 percent slopes	Badger	30	68	93	112	127	0
				51	74	94	110	1
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
Hc	Hamerly-Cavour-Badger complex, 0 to 2 percent slopes	Hamerly	40	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Hc	Hamerly-Cavour-Badger complex, 0 to 2 percent slopes	Cavour	30	45	64	78	89	0
				37	54	68	80	1
				31	46	60	72	2
				27	40	53	65	3
				24	36	47	58	4
				21	32	42	52	5
				19	29	38	48	6
Hc	Hamerly-Cavour-Badger complex, 0 to 2 percent slopes	Badger	20	68	93	112	127	0
				51	74	94	110	1
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
HeA	Hetland silty clay loam, 0 to 2 percent slopes	Hetland	90	77	105	126	142	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
HeB	Hetland silty clay loam, 2 to 6 percent slopes	Hetland	90	77	105	126	142	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
KrA	Kranzburg-Brookings silty clay loams, 0 to 2 percent slopes	Kranzburg	55	60	83	100	113	0
				46	67	85	100	1
				38	56	73	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
KrA	Kranzburg-Brookings silty clay loams, 0 to 2 percent slopes	Brookings	30	60	84	101	115	0
				46	68	86	101	1
				38	56	73	88	2
				32	47	63	77	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
KrB	Kranzburg-Brookings silty clay loams, 1 to 6 percent slopes	Kranzburg	65	60	83	100	113	0
				46	67	85	100	1
				38	56	73	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
KrB	Kranzburg-Brookings silty clay loams, 1 to 6 percent slopes	Brookings	25	60	84	101	115	0
				46	68	86	101	1
				38	56	73	88	2
				32	47	63	77	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
La	La Prairie loam, 0 to 2 percent slopes, occasionally flooded	La Prairie	85	71	97	117	132	0
				52	77	98	114	1
				42	62	81	98	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
Lc	La Prairie loam, 0 to 2 percent slopes, rarely flooded	La Prairie	85	71	97	117	132	0
				52	77	98	114	1
				42	62	81	98	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
Ld	LaDelle silt loam, 0 to 2 percent slopes	LaDelle	90	96	129	154	173	0
				65	97	122	143	1
				49	73	98	117	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
Le	Lamo silty clay loam, 0 to 1 percent slopes	Lamo	90	65	90	108	122	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
Lk	Lamoure silty clay loam, 0 to 1 percent slopes	Lamoure	75	95	129	153	172	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				64	96	122	143	1
				49	73	97	117	2
				39	59	78	98	3
				33	49	66	82	4
				28	42	56	70	5
				25	37	49	62	6
Lm	Lamoure-Rauville silty clay loams, channeled	Lamoure	65	95	129	153	172	0
				64	96	122	143	1
				49	73	97	117	2
				39	59	78	98	3
				33	49	66	82	4
				28	42	56	70	5
				25	37	49	62	6
Lm	Lamoure-Rauville silty clay loams, channeled	Rauville	25	313	406	473	524	0
				122	183	244	305	1
				76	114	152	189	2
				55	82	110	137	3
				43	65	86	108	4
				35	53	71	89	5
				30	45	60	75	6
LnB	Lanona-Swenoda sandy loams, 2 to 6 percent slopes	Lanona	60	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
LnB	Lanona-Swenoda sandy loams, 2 to 6 percent slopes	Swenoda	25	75	102	123	138	0
				55	80	102	119	1
				43	64	84	101	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
Lo	Lowe loam, 0 to 1 percent slopes	Lowe	85	79	107	129	145	0
				57	84	105	124	1
				44	66	87	104	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
Lr	Lowe-Ludden complex, 0 to 1 percent slopes	Lowe	50	79	107	129	145	0
				57	84	105	124	1
				44	66	87	104	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
Lr	Lowe-Ludden complex, 0 to 1 percent slopes	Ludden	35	66	91	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
Ls	Ludden silty clay, 0 to 1 percent slopes	Ludden	85	66	91	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
Lu	Ludden, saline-Ludden silty clays, 0 to 1 percent slopes	Ludden	45	66	91	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
Lu	Ludden, saline-Ludden silty clays, 0 to 1 percent slopes	Ludden	40	66	91	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
MaB	Maddock-Egeland sandy loams, 2 to 6 percent slopes	Maddock	55	164	217	256	285	0
				90	135	176	211	1
				62	93	124	155	2
				47	71	95	118	3
				38	57	77	96	4
				32	48	64	80	5
				28	42	55	69	6
MaB	Maddock-Egeland sandy loams, 2 to 6 percent slopes	Egeland	35	167	221	260	290	0
				91	137	179	214	1
				63	94	125	156	2
				48	71	95	119	3
				38	58	77	96	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				32	48	65	81	5
				28	42	56	69	6
MaC	Maddock-Egeland sandy loams, 6 to 9 percent slopes	Maddock	65	164	217	256	285	0
				90	135	176	211	1
				62	93	124	155	2
				47	71	95	118	3
				38	57	77	96	4
				32	48	64	80	5
				28	42	55	69	6
MaC	Maddock-Egeland sandy loams, 6 to 9 percent slopes	Egeland	25	167	221	260	290	0
				91	137	179	214	1
				63	94	125	156	2
				48	71	95	119	3
				38	58	77	96	4
				32	48	65	81	5
				28	42	56	69	6
MeA	Maddock-Embden complex, 0 to 2 percent slopes	Maddock	50	164	217	256	285	0
				90	135	176	211	1
				62	93	124	155	2
				47	71	95	118	3
				38	57	77	96	4
				32	48	64	80	5
				28	42	55	69	6
MeA	Maddock-Embden complex, 0 to 2 percent slopes	Embden	40	152	202	237	265	0
				86	130	168	201	1
				60	90	121	151	2
				46	70	93	116	3
				38	56	75	94	4
				32	48	63	79	5
				27	41	55	68	6
Mr	Marysland loam, 0 to 1 percent slopes	Marysland	85	348	451	525	580	0
				127	191	254	318	1
				78	117	155	194	2
				56	84	112	140	3
				44	66	87	109	4
				36	54	72	90	5
				30	46	61	76	6
Mt	McIntosh-Badger silty clay loams, 0 to 2 percent slopes	McIntosh	55	62	85	103	117	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Mt	McIntosh-Badger silty clay loams, 0 to 2 percent slopes	Badger	30	68	93	112	127	0
				51	74	94	110	1
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
Mu	McIntosh-Lamoure silty clay loams, 0 to 2 percent slopes	McIntosh	60	62	85	103	117	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
Mu	McIntosh-Lamoure silty clay loams, 0 to 2 percent slopes	Lamoure	25	95	129	153	172	0
				64	96	122	143	1
				49	73	97	117	2
				39	59	78	98	3
				33	49	66	82	4
				28	42	56	70	5
				25	37	49	62	6
Mw	Minnewaukan loamy sand, 0 to 3 percent slopes	Minnewaukan	85	340	440	512	567	0
				126	189	252	315	1
				77	116	155	193	2
				56	84	111	139	3
				44	65	87	109	4
				36	54	72	89	5
				30	46	61	76	6
Mz	Moritz-Lamoure complex, 0 to 2 percent slopes	Moritz	50	89	121	144	163	0
				62	92	116	136	1
				47	71	93	113	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
Mz	Moritz-Lamoure complex, 0 to 2 percent slopes	Lamoure	35	95	129	153	172	0
				64	96	122	143	1
				49	73	97	117	2
				39	59	78	98	3
				33	49	66	82	4
				28	42	56	70	5
				25	37	49	62	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Od	Oldham silty clay loam, 0 to 1 percent slopes	Oldham	85	67	92	110	125	0
				50	74	93	108	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
Pa	Parnell silty clay loam, 0 to 1 percent slopes	Parnell	90	82	112	134	151	0
				58	86	109	128	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6
PbB	Poinsett-Buse-Waubay complex, 1 to 6 percent slopes	Poinsett	35	84	115	137	155	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
PbB	Poinsett-Buse-Waubay complex, 1 to 6 percent slopes	Buse	25	37	52	65	74	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
PbB	Poinsett-Buse-Waubay complex, 1 to 6 percent slopes	Waubay	20	61	85	102	116	0
				47	69	87	102	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
PbC	Poinsett-Buse-Waubay complex, 2 to 9 percent slopes	Poinsett	35	84	115	137	155	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
PbC	Poinsett-Buse-Waubay complex, 2 to 9 percent slopes	Buse	30	37	52	65	74	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
PbC	Poinsett-Buse-Waubay complex, 2 to 9 percent slopes	Waubay	20	61	85	102	116	0
				47	69	87	102	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
PwA	Poinsett-Waubay silty clay loams, 0 to 2 percent slopes	Poinsett	55	84	115	137	155	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
PwA	Poinsett-Waubay silty clay loams, 0 to 2 percent slopes	Waubay	30	61	85	102	116	0
				47	69	87	102	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
PwB	Poinsett-Waubay silty clay loams, 1 to 6 percent slopes	Poinsett	60	84	115	137	155	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
PwB	Poinsett-Waubay silty clay loams, 1 to 6 percent slopes	Waubay	25	61	85	102	116	0
				47	69	87	102	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Ra	Rauville silty clay loam, 0 to 1 percent slopes	Rauville	80	313	406	473	524	0
				122	183	244	305	1
				76	114	152	189	2
				55	82	110	137	3
				43	65	86	108	4
				35	53	71	89	5
				30	45	60	75	6
Rp	Rauville silty clay loam, ponded	Rauville	90	313	406	473	524	0
				122	183	244	305	1
				76	114	152	189	2
				55	82	110	137	3
				43	65	86	108	4
				35	53	71	89	5
				30	45	60	75	6
RsB	Renshaw-Sioux complex, 2 to 6 percent slopes	Renshaw	60	220	288	337	374	0
				105	157	210	252	1
				69	103	138	172	2
				51	77	102	128	3
				41	61	81	102	4
				34	51	68	85	5
				29	43	58	72	6
RsB	Renshaw-Sioux complex, 2 to 6 percent slopes	Sioux	30	432	557	647	715	0
				137	205	273	342	1
				81	122	162	203	2
				58	87	116	144	3
				45	67	90	112	4
				37	55	73	92	5
				31	46	62	77	6
RsC	Renshaw-Sioux complex, 6 to 9 percent slopes	Renshaw	50	220	288	337	374	0
				105	157	210	252	1
				69	103	138	172	2
				51	77	102	128	3
				41	61	81	102	4
				34	51	68	85	5
				29	43	58	72	6
RsC	Renshaw-Sioux complex, 6 to 9 percent slopes	Sioux	40	432	557	647	715	0
				137	205	273	342	1
				81	122	162	203	2
				58	87	116	144	3
				45	67	90	112	4
				37	55	73	92	5
				31	46	62	77	6
Rw	Renwash loam, 0 to 2 percent slopes	Renwash	90	450	581	675	745	0
				138	208	277	346	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				82	123	164	205	2
				58	87	116	145	3
				45	68	90	113	4
				37	55	73	92	5
				31	47	62	78	6
SbB	Singsaas-Buse complex, 2 to 6 percent slopes	Singsaas	60	73	100	121	136	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
SbB	Singsaas-Buse complex, 2 to 6 percent slopes	Buse	30	37	52	65	74	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
ScA	Singsaas-Waubay silty clay loams, 0 to 2 percent slopes	Singsaas	60	73	100	121	136	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
ScA	Singsaas-Waubay silty clay loams, 0 to 2 percent slopes	Waubay	30	61	85	102	116	0
				47	69	87	102	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
ScB	Singsaas-Waubay silty clay loams, 1 to 6 percent slopes	Singsaas	60	73	100	121	136	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
ScB	Singsaas-Waubay silty clay loams, 1 to 6 percent slopes	Waubay	25	61	85	102	116	0
				47	69	87	102	1
				38	57	74	89	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
ShD	Sioux-Renshaw complex, 9 to 15 percent slopes	Sioux	45	432	557	647	715	0
				137	205	273	342	1
				81	122	162	203	2
				58	87	116	144	3
				45	67	90	112	4
				37	55	73	92	5
				31	46	62	77	6
ShD	Sioux-Renshaw complex, 9 to 15 percent slopes	Renshaw	35	220	288	337	374	0
				105	157	210	252	1
				69	103	138	172	2
				51	77	102	128	3
				41	61	81	102	4
				34	51	68	85	5
				29	43	58	72	6
ShE	Sioux-Renshaw complex, 15 to 40 percent slopes	Sioux	55	432	557	647	715	0
				137	205	273	342	1
				81	122	162	203	2
				58	87	116	144	3
				45	67	90	112	4
				37	55	73	92	5
				31	46	62	77	6
ShE	Sioux-Renshaw complex, 15 to 40 percent slopes	Renshaw	35	220	288	337	374	0
				105	157	210	252	1
				69	103	138	172	2
				51	77	102	128	3
				41	61	81	102	4
				34	51	68	85	5
				29	43	58	72	6
So	Southam silty clay loam, 0 to 1 percent slopes	Southam	90	70	96	115	130	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
Sp	Spottswood loam, 0 to 2 percent slopes	Spottswood	85	455	588	682	753	0
				139	208	278	347	1
				82	123	164	205	2
				58	87	116	145	3
				45	68	90	113	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				37	55	74	92	5
				31	47	62	78	6
SrA	Strayhoss loam, 0 to 2 percent slopes	Strayhoss	85	111	149	177	198	0
				71	107	136	160	1
				53	79	105	128	2
				42	62	83	104	3
				34	52	69	86	4
				29	44	59	74	5
				26	38	51	64	6
SrB	Strayhoss loam, 2 to 6 percent slopes	Strayhoss	85	111	149	177	198	0
				71	107	136	160	1
				53	79	105	128	2
				42	62	83	104	3
				34	52	69	86	4
				29	44	59	74	5
				26	38	51	64	6
StB	Strayhoss-Maddock complex, 2 to 6 percent slopes	Strayhoss	60	111	149	177	198	0
				71	107	136	160	1
				53	79	105	128	2
				42	62	83	104	3
				34	52	69	86	4
				29	44	59	74	5
				26	38	51	64	6
StB	Strayhoss-Maddock complex, 2 to 6 percent slopes	Maddock	30	164	217	256	285	0
				90	135	176	211	1
				62	93	124	155	2
				47	71	95	118	3
				38	57	77	96	4
				32	48	64	80	5
				28	42	55	69	6
SvA	Svea loam, 0 to 2 percent slopes	Svea	90	85	116	139	156	0
				60	89	112	132	1
				46	69	91	110	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
SwA	Swenoda-Lanona sandy loams, 0 to 2 percent slopes	Swenoda	55	75	102	123	138	0
				55	80	102	119	1
				43	64	84	101	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
SwA	Swenoda-Lanona sandy loams, 0 to 2 percent slopes	Lanona	35	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
To	Tonka silty clay loam, 0 to 1 percent slopes	Tonka	90	52	72	88	100	0
				41	60	76	89	1
				34	51	66	79	2
				29	44	58	70	3
				25	38	51	62	4
				23	34	45	56	5
				20	30	41	51	6
Tr	Trent silty clay loam, 0 to 2 percent slopes	Trent	90	83	112	135	152	0
				59	87	109	128	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
VaA	Venagro-Svea loams, 0 to 2 percent slopes	Venagro	60	65	90	109	123	0
				49	72	92	108	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
VaA	Venagro-Svea loams, 0 to 2 percent slopes	Svea	20	85	116	139	156	0
				60	89	112	132	1
				46	69	91	110	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
VaB	Venagro-Svea loams, 1 to 6 percent slopes	Venagro	65	65	90	109	123	0
				49	72	92	108	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
VaB	Venagro-Svea loams, 1 to 6 percent slopes	Svea	20	85	116	139	156	0
				60	89	112	132	1
				46	69	91	110	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
VbA	Vienna-Brookings complex, 0 to 2 percent slopes	Vienna	60	69	95	115	130	0
				51	75	96	113	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
VbA	Vienna-Brookings complex, 0 to 2 percent slopes	Brookings	30	60	84	101	115	0
				46	68	86	101	1
				38	56	73	88	2
				32	47	63	77	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
VbB	Vienna-Brookings complex, 1 to 6 percent slopes	Vienna	65	69	95	115	130	0
				51	75	96	113	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
VbB	Vienna-Brookings complex, 1 to 6 percent slopes	Brookings	20	60	84	101	115	0
				46	68	86	101	1
				38	56	73	88	2
				32	47	63	77	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
VnB	Vienna-Buse complex, 2 to 6 percent slopes	Vienna	65	69	95	115	130	0
				51	75	96	113	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
VnB	Vienna-Buse complex, 2 to 6 percent slopes	Buse	25	37	52	65	74	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
VnC	Vienna-Buse complex, 6 to 9 percent slopes	Vienna	55	69	95	115	130	0
				51	75	96	113	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
VnC	Vienna-Buse complex, 6 to 9 percent slopes	Buse	30	37	52	65	74	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
Wa	Wakonda-Chancellor silty clay loams, 0 to 2 percent slopes	Wakonda	70	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
Wa	Wakonda-Chancellor silty clay loams, 0 to 2 percent slopes	Chancellor	20	66	91	110	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
Wb	Waubay silty clay loam, 0 to 2 percent slopes	Waubay	90	61	85	102	116	0
				47	69	87	102	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
WeA	Wentworth-Trent silty clay loams, 0 to 2 percent slopes	Wentworth	65	91	123	147	166	0
				63	93	117	138	1
				48	71	95	114	2
				38	58	77	95	3
				32	48	65	81	4
				28	42	56	69	5
				24	37	49	61	6
WeA	Wentworth-Trent silty clay loams, 0 to 2 percent slopes	Trent	25	83	112	135	152	0
				59	87	109	128	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
Wo	Worthing silty clay loam, 0 to 1 percent slopes	Worthing	90	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6

South Dakota Lateral Effect Tables for Brown County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Ab	Aberdeen-Nahon silty clay loams	Aberdeen	50	103	138	165	185	0
				68	102	128	151	1
				51	76	101	122	2
				40	61	81	101	3
				34	50	67	84	4
				29	43	58	72	5
				25	38	50	63	6
Ab	Aberdeen-Nahon silty clay loams	Nahon	30	117	157	186	208	0
				74	111	141	167	1
				54	81	108	132	2
				42	64	85	106	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
Ac	Aberdeen-Nahon silty clay loams, sandy substratum	Aberdeen	50	103	138	165	185	0
				68	102	128	151	1
				51	76	101	122	2
				40	61	81	101	3
				34	50	67	84	4
				29	43	58	72	5
				25	38	50	63	6
Ac	Aberdeen-Nahon silty clay loams, sandy substratum	Nahon	35	117	157	186	208	0
				74	111	141	167	1
				54	81	108	132	2
				42	64	85	106	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
Ad	Aberdeen-Urban land complex	Aberdeen	50	103	138	165	185	0
				68	102	128	151	1
				51	76	101	122	2
				40	61	81	101	3
				34	50	67	84	4
				29	43	58	72	5
				25	38	50	63	6
Ar	Arveson fine sandy loam	Arveson	85	135	180	213	238	0
				81	121	155	185	1
				57	86	115	142	2
				45	67	89	112	3
				36	55	73	91	4
				31	46	62	77	5
				27	40	53	67	6
BaD	Barnes-Buse loams, 6 to 15 percent slopes	Barnes	60	59	82	99	113	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
BaD	Barnes-Buse loams, 6 to 15 percent slopes	Buse	25	38	55	67	78	0
				32	47	60	70	1
				28	41	54	64	2
				24	36	48	58	3
				22	32	43	53	4
				19	29	39	48	5
				18	27	36	44	6
BbC	Barnes-Buse-Svea loams, 1 to 9 percent slopes	Barnes	45	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
BbC	Barnes-Buse-Svea loams, 1 to 9 percent slopes	Buse	25	38	55	67	78	0
				32	47	60	70	1
				28	41	54	64	2
				24	36	48	58	3
				22	32	43	53	4
				19	29	39	48	5
				18	27	36	44	6
BbC	Barnes-Buse-Svea loams, 1 to 9 percent slopes	Svea	15	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
BcA	Barnes-Cavour loams, 0 to 3 percent slopes	Barnes	55	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
BcA	Barnes-Cavour loams, 0 to 3 percent slopes	Cavour	25	57	80	97	110	0
				44	65	83	97	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				36	54	71	85	2
				31	46	61	75	3
				27	40	53	66	4
				24	35	47	59	5
				21	32	42	53	6
BcB	Barnes-Cavour loams, 3 to 6 percent slopes	Barnes	55	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
BcB	Barnes-Cavour loams, 3 to 6 percent slopes	Cavour	25	57	80	97	110	0
				44	65	83	97	1
				36	54	71	85	2
				31	46	61	75	3
				27	40	53	66	4
				24	35	47	59	5
				21	32	42	53	6
BdA	Barnes-Cresbard-Tonka complex, 0 to 3 percent slopes	Barnes	50	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
BdA	Barnes-Cresbard-Tonka complex, 0 to 3 percent slopes	Tonka	15	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
BdB	Barnes-Cresbard-Tonka complex, 0 to 6 percent slopes	Barnes	50	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
BdB	Barnes-Cresbard-Tonka complex, 0 to 6 percent slopes	Cresbard	25	80	108	130	147	0
				57	84	106	125	1
				44	67	87	105	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
BdB	Barnes-Cresbard-Tonka complex, 0 to 6 percent slopes	Tonka	15	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
BeA	Barnes-Ferney-Tonka complex, 0 to 4 percent slopes	Barnes	45	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
BeA	Barnes-Ferney-Tonka complex, 0 to 4 percent slopes	Ferney	20	44	62	75	86	0
				36	53	66	77	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
BeA	Barnes-Ferney-Tonka complex, 0 to 4 percent slopes	Tonka	15	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
BfA	Barnes-Hamerly-Tonka complex	Barnes	50	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
BfA	Barnes-Hamerly-Tonka complex	Hamerly	30	55	77	93	106	0
				43	63	80	94	1
				35	53	69	83	2
				30	45	60	73	3
				26	39	52	64	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				23	35	46	58	5
				21	31	42	52	6
BfA	Barnes-Hamerly-Tonka complex	Tonka	15	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
BgC	Barnes-Kranzburg-Buse complex, 5 to 9 percent slopes	Barnes	35	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
BgC	Barnes-Kranzburg-Buse complex, 5 to 9 percent slopes	Kranzburg	30	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
BgC	Barnes-Kranzburg-Buse complex, 5 to 9 percent slopes	Buse	20	38	55	67	78	0
				32	47	60	70	1
				28	41	54	64	2
				24	36	48	58	3
				22	32	43	53	4
				19	29	39	48	5
				18	27	36	44	6
BhA	Barnes-Svea loams, 0 to 3 percent slopes	Barnes	60	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
BhA	Barnes-Svea loams, 0 to 3 percent slopes	Svea	25	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
BhB	Barnes-Svea loams, 1 to 6 percent slopes	Barnes	60	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
BhB	Barnes-Svea loams, 1 to 6 percent slopes	Svea	25	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
BkA	Barnes-Svea-Tonka complex, 0 to 3 percent slopes	Barnes	40	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
BkA	Barnes-Svea-Tonka complex, 0 to 3 percent slopes	Svea	25	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
BkA	Barnes-Svea-Tonka complex, 0 to 3 percent slopes	Tonka	15	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
BkB	Barnes-Svea-Tonka complex, 0 to 6 percent slopes	Barnes	40	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
BkB	Barnes-Svea-Tonka complex, 0 to 6 percent slopes	Svea	25	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
BkB	Barnes-Svea-Tonka complex, 0 to 6 percent slopes	Tonka	15	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
BmB	Barnes-Tally complex, 2 to 6 percent slopes	Barnes	50	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
BmB	Barnes-Tally complex, 2 to 6 percent slopes	Tally	25	83	113	136	153	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
BnA	Barnes-Urban land complex, 0 to 3 percent slopes	Barnes	50	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
Bo	Bearden silt loam	Bearden	85	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
Bp	Bearden silt loam, saline	Bearden	90	71	97	117	133	0
				52	77	98	114	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				42	62	81	98	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
BrB	Bearden-Huffton silt loams, 1 to 6 percent slopes	Bearden	50	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
BrB	Bearden-Huffton silt loams, 1 to 6 percent slopes	Huffton	40	155	206	242	270	0
				87	131	170	204	1
				61	91	122	152	2
				47	70	93	117	3
				38	57	76	95	4
				32	48	64	79	5
				27	41	55	69	6
BsB	Bearden-Huffton-Putney silt loams, 1 to 4 percent slopes	Bearden	45	71	97	117	133	0
				52	77	98	114	1
				42	62	81	98	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
BsB	Bearden-Huffton-Putney silt loams, 1 to 4 percent slopes	Huffton	25	155	206	242	270	0
				87	131	170	204	1
				61	91	122	152	2
				47	70	93	117	3
				38	57	76	95	4
				32	48	64	79	5
				27	41	55	69	6
BsB	Bearden-Huffton-Putney silt loams, 1 to 4 percent slopes	Putney	15	156	206	242	270	0
				88	131	171	204	1
				61	91	122	152	2
				47	70	93	117	3
				38	57	76	95	4
				32	48	64	80	5
				27	41	55	69	6
Bt	Beotia silt loam, 0 to 2 percent slopes	Beotia	85	121	161	191	214	0
				75	113	144	170	1
				55	82	110	134	2
				43	64	86	107	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
Bv	Beotia-Rondell silt loams, 0 to 3 percent slopes	Beotia	50	121	161	191	214	0
				75	113	144	170	1
				55	82	110	134	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
Bv	Beotia-Rondell silt loams, 0 to 3 percent slopes	Rondell	30	122	163	193	216	0
				76	114	145	172	1
				55	82	110	135	2
				43	65	86	108	3
				35	53	71	89	4
				30	45	60	75	5
				26	39	52	65	6
Bw	Beotia-Urban land complex, 0 to 2 percent slopes	Beotia	45	121	161	191	214	0
				75	113	144	170	1
				55	82	110	134	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
Bx	Beotia-Winship silt loams	Beotia	65	121	161	191	214	0
				75	113	144	170	1
				55	82	110	134	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
Bx	Beotia-Winship silt loams	Winship	20	124	166	196	220	0
				77	115	146	174	1
				55	83	111	136	2
				43	65	87	108	3
				36	53	71	89	4
				30	45	60	76	5
				26	39	53	66	6
By	Borup silt loam	Borup	85	262	341	399	442	0
				113	170	227	279	1
				72	109	145	181	2
				53	80	106	133	3
				42	63	84	105	4
				35	52	69	87	5
				30	44	59	74	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Bz	Borup silt loam, saline	Borup	85	262	341	399	442	0
				113	170	227	279	1
				72	109	145	181	2
				53	80	106	133	3
				42	63	84	105	4
				35	52	69	87	5
				30	44	59	74	6
BzGA	Brantford variant loam, 0 to 2 percent slopes	Brantford	85	298	387	451	500	0
				120	180	239	299	1
				75	112	150	187	2
				54	82	109	136	3
				43	64	86	107	4
				35	53	71	88	5
				30	45	60	75	6
BzHB	Brantford variant-Vang loams, 2 to 6 percent slopes	Brantford	45	298	387	451	500	0
				120	180	239	299	1
				75	112	150	187	2
				54	82	109	136	3
				43	64	86	107	4
				35	53	71	88	5
				30	45	60	75	6
BzHB	Brantford variant-Vang loams, 2 to 6 percent slopes	Vang	35	472	608	706	780	0
				140	211	281	351	1
				83	124	165	206	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
BzVE	Buse-Barnes loams, 9 to 25 percent slopes	Buse	45	38	55	67	78	0
				32	47	60	70	1
				28	41	54	64	2
				24	36	48	58	3
				22	32	43	53	4
				19	29	39	48	5
				18	27	36	44	6
BzVE	Buse-Barnes loams, 9 to 25 percent slopes	Barnes	40	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
Ca	Camtown-Turton fine sandy loams, somewhat poorly drained	Camtown	50	75	103	123	139	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				55	80	102	119	1
				43	64	84	102	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
Ca	Camtown-Turton fine sandy loams, somewhat poorly drained	Turton	30	99	134	159	179	0
				66	99	125	147	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
Cb	Camtown-Turton loams	Camtown	50	148	196	231	258	0
				85	128	165	197	1
				60	90	119	149	2
				46	69	92	115	3
				37	56	75	93	4
				31	47	63	79	5
				27	41	54	68	6
Cb	Camtown-Turton loams	Turton	30	139	185	218	243	0
				82	123	158	189	1
				58	87	116	144	2
				45	68	90	113	3
				37	55	74	92	4
				31	47	62	78	5
				27	40	54	67	6
Cd	Cavour-Cresbard loams	Cavour	60	57	80	97	110	0
				44	65	83	97	1
				36	54	71	85	2
				31	46	61	75	3
				27	40	53	66	4
				24	35	47	59	5
				21	32	42	53	6
Cd	Cavour-Cresbard loams	Cresbard	25	80	108	130	147	0
				57	84	106	125	1
				44	67	87	105	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
Cf	Cavour-Ferney complex	Cavour	50	57	80	97	110	0
				44	65	83	97	1
				36	54	71	85	2
				31	46	61	75	3
				27	40	53	66	4
				24	35	47	59	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				21	32	42	53	6
Cf	Cavour-Ferney complex	Ferney	35	44	62	75	86	0
				36	53	66	77	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
Cm	Colvin fine sandy loam, saline	Colvin	85	70	95	115	130	0
				52	76	96	113	1
				41	62	80	96	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
Cn	Colvin silty clay loam	Colvin	85	77	105	126	142	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
Cp	Colvin silty clay loam, ponded	Colvin	85	77	105	126	142	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
Cs	Colvin silty clay loam, saline	Colvin	85	77	105	126	142	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
Cv	Cresbard-Cavour loams	Cresbard	50	80	108	130	147	0
				57	84	106	125	1
				44	67	87	105	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
Cv	Cresbard-Cavour loams	Cavour	40	57	80	97	110	0
				44	65	83	97	1
				36	54	71	85	2
				31	46	61	75	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				27	40	53	66	4
				24	35	47	59	5
				21	32	42	53	6
DaA	Daglum-Rhoades loams, 0 to 4 percent slopes	Daglum	50	35	42	barrier	barrier	0
				30	39	barrier	barrier	1
				26	37	barrier	barrier	2
				23	34	barrier	barrier	3
				21	31	barrier	barrier	4
				19	28	barrier	barrier	5
				17	26	barrier	barrier	6
DaA	Daglum-Rhoades loams, 0 to 4 percent slopes	Rhoades	35	51	62	barrier	barrier	0
				41	56	barrier	barrier	1
				34	51	barrier	barrier	2
				29	43	barrier	barrier	3
				25	38	barrier	barrier	4
				22	34	barrier	barrier	5
				20	30	barrier	barrier	6
Do	Dovray silty clay	Dovray	90	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
Dv	Dovray variant silty clay	Dovray	90	60	84	101	115	0
				46	68	86	101	1
				38	56	73	88	2
				32	47	63	77	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
EcA	Eckman very fine sandy loam, 0 to 2 percent slopes	Eckman	85	103	139	165	185	0
				68	102	129	152	1
				51	76	101	123	2
				40	61	81	101	3
				34	50	67	84	4
				29	43	58	72	5
				25	38	50	63	6
EdB	Eckman-Gardena very fine sandy loams, 2 to 6 percent slopes	Eckman	55	103	139	165	185	0
				68	102	129	152	1
				51	76	101	123	2
				40	61	81	101	3
				34	50	67	84	4
				29	43	58	72	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				25	38	50	63	6
EdB	Eckman-Gardena very fine sandy loams, 2 to 6 percent slopes	Gardena	30	87	118	141	158	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
EeB	Eckman-Zell very fine sandy loams, 1 to 6 percent slopes	Eckman	65	103	139	165	185	0
				68	102	129	152	1
				51	76	101	123	2
				40	61	81	101	3
				34	50	67	84	4
				29	43	58	72	5
				25	38	50	63	6
EeB	Eckman-Zell very fine sandy loams, 1 to 6 percent slopes	Zell	25	112	150	178	200	0
				72	108	136	161	1
				53	79	106	128	2
				42	63	84	104	3
				35	52	69	86	4
				29	44	59	74	5
				26	39	51	64	6
EgB	Edgeley-Kloten complex, 1 to 6 percent slopes	Edgeley	50	27	barrier	barrier	barrier	0
				24	barrier	barrier	barrier	1
				21	barrier	barrier	barrier	2
				19	barrier	barrier	barrier	3
				18	barrier	barrier	barrier	4
				16	barrier	barrier	barrier	5
				15	barrier	barrier	barrier	6
EgB	Edgeley-Kloten complex, 1 to 6 percent slopes	Kloten	35	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
EhA	Egeland fine sandy loam, 0 to 2 percent slopes	Egeland	90	183	241	283	315	0
				96	143	189	226	1
				65	97	129	162	2
				49	73	98	122	3
				39	59	79	98	4
				33	49	66	82	5
				28	42	56	70	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
EkB	Egeland-Embden fine sandy loams, 2 to 6 percent slopes	Egeland	50	183	241	283	315	0
				96	143	189	226	1
				65	97	129	162	2
				49	73	98	122	3
				39	59	79	98	4
				33	49	66	82	5
				28	42	56	70	6
EkB	Egeland-Embden fine sandy loams, 2 to 6 percent slopes	Embden	35	84	114	136	154	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
Em	Embden fine sandy loam	Embden	90	84	114	136	154	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
Et	Embden-Tiffany fine sandy loams	Embden	65	84	114	136	154	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
Et	Embden-Tiffany fine sandy loams	Tiffany	25	183	241	283	315	0
				96	143	189	226	1
				65	97	129	162	2
				49	73	98	122	3
				39	59	79	98	4
				33	49	66	82	5
				28	42	56	70	6
Ex	Exline-Aberdeen-Nahon silt loams	Exline	40	75	102	123	139	0
				55	80	102	119	1
				43	64	84	101	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
Ex	Exline-Aberdeen-Nahon silt loams	Aberdeen	25	111	149	177	198	0
				71	107	136	160	1
				53	79	105	128	2
				42	62	83	104	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				34	52	69	86	4
				29	44	59	74	5
				26	38	51	64	6
Ex	Exline-Aberdeen-Nahon silt loams	Nahon	25	121	161	191	214	0
				75	113	144	170	1
				55	82	110	134	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
EyA	Exline-Putney silt loams, 1 to 4 percent slopes	Exline	45	75	102	123	139	0
				55	80	102	119	1
				43	64	84	101	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
EyA	Exline-Putney silt loams, 1 to 4 percent slopes	Putney	35	156	206	242	270	0
				88	131	171	204	1
				61	91	122	152	2
				47	70	93	117	3
				38	57	76	95	4
				32	48	64	80	5
				27	41	55	69	6
Fe	Ferney-Heil complex	Ferney	55	44	62	75	86	0
				36	53	66	77	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
Fe	Ferney-Heil complex	Heil	30	46	64	79	90	0
				37	54	69	81	1
				32	47	60	72	2
				27	41	53	65	3
				24	36	48	58	4
				21	32	43	53	5
				19	29	39	48	6
Fo	Fordville loam	Fordville	85	475	612	711	785	0
				141	211	281	352	1
				83	124	165	207	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
FsA	Forman-Aastad loams, 0 to 3 percent slopes	Forman	45	65	89	108	122	0
				49	72	91	107	1
				39	59	76	92	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
FsA	Forman-Aastad loams, 0 to 3 percent slopes	Aastad	40	38	55	67	78	0
				32	47	60	70	1
				28	41	54	64	2
				24	36	48	58	3
				22	32	43	53	4
				19	29	39	48	5
				18	27	36	44	6
FsB	Forman-Aastad loams, 1 to 6 percent slopes	Forman	60	65	89	108	122	0
				49	72	91	107	1
				39	59	76	92	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
FsB	Forman-Aastad loams, 1 to 6 percent slopes	Aastad	25	38	55	67	78	0
				32	47	60	70	1
				28	41	54	64	2
				24	36	48	58	3
				22	32	43	53	4
				19	29	39	48	5
				18	27	36	44	6
FtC	Forman-Buse-Aastad loams, 2 to 9 percent slopes	Forman	50	65	89	108	122	0
				49	72	91	107	1
				39	59	76	92	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
FtC	Forman-Buse-Aastad loams, 2 to 9 percent slopes	Buse	25	38	55	67	78	0
				32	47	60	70	1
				28	41	54	64	2
				24	36	48	58	3
				22	32	43	53	4
				19	29	39	48	5
				18	27	36	44	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
FtC	Forman-Buse-Aastad loams, 2 to 9 percent slopes	Aastad	15	38	55	67	78	0
				32	47	60	70	1
				28	41	54	64	2
				24	36	48	58	3
				22	32	43	53	4
				19	29	39	48	5
				18	27	36	44	6
Fy	Fossum fine sandy loam	Fossum	90	405	524	609	673	0
				134	201	268	335	1
				80	120	160	200	2
				57	86	114	143	3
				45	67	89	111	4
				36	55	73	91	5
				31	46	62	77	6
Ga	Gardena very fine sandy loam	Gardena	85	87	118	141	158	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
Gc	Gardena-Glyndon silt loams	Gardena	60	130	173	205	229	0
				79	118	151	180	1
				57	85	113	139	2
				44	66	88	110	3
				36	54	72	90	4
				31	46	61	76	5
				27	40	53	66	6
Gc	Gardena-Glyndon silt loams	Glyndon	30	118	158	187	210	0
				74	111	141	167	1
				54	81	108	132	2
				43	64	85	106	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
Gh	Gardena-Turton very fine sandy loams	Gardena	50	87	118	141	158	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
Gh	Gardena-Turton very fine sandy loams	Turton	30	99	134	159	179	0
				66	99	125	147	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				28	43	57	71	5
				25	37	50	62	6
Gm	Glyndon silt loam	Glyndon	85	118	158	187	210	0
				74	111	141	167	1
				54	81	108	132	2
				43	64	85	106	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
Gn	Glyndon silt loam, saline	Glyndon	85	118	158	187	210	0
				74	111	141	167	1
				54	81	108	132	2
				43	64	85	106	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
GrA	Great Bend silt loam, 0 to 2 percent slopes	Great Bend	90	132	176	208	232	0
				80	119	153	182	1
				57	85	114	140	2
				44	66	89	111	3
				36	54	73	91	4
				31	46	61	77	5
				27	40	53	67	6
GsB	Great Bend-Beotia silt loams, 2 to 6 percent slopes	Great Bend	50	132	176	208	232	0
				80	119	153	182	1
				57	85	114	140	2
				44	66	89	111	3
				36	54	73	91	4
				31	46	61	77	5
				27	40	53	67	6
GsB	Great Bend-Beotia silt loams, 2 to 6 percent slopes	Beotia	45	121	161	191	214	0
				75	113	144	170	1
				55	82	110	134	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
GtA	Great Bend-Putney silt loams, 0 to 2 percent slopes	Great Bend	50	132	176	208	232	0
				80	119	153	182	1
				57	85	114	140	2
				44	66	89	111	3
				36	54	73	91	4
				31	46	61	77	5
				27	40	53	67	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
GtA	Great Bend-Putney silt loams, 0 to 2 percent slopes	Putney	30	156	206	242	270	0
				88	131	171	204	1
				61	91	122	152	2
				47	70	93	117	3
				38	57	76	95	4
				32	48	64	80	5
				27	41	55	69	6
GyB	Great Bend-Zell silt loams, 2 to 6 percent slopes	Great Bend	65	132	176	208	232	0
				80	119	153	182	1
				57	85	114	140	2
				44	66	89	111	3
				36	54	73	91	4
				31	46	61	77	5
				27	40	53	67	6
GyB	Great Bend-Zell silt loams, 2 to 6 percent slopes	Zell	25	112	150	178	200	0
				72	108	136	161	1
				53	79	106	128	2
				42	63	84	104	3
				35	52	69	86	4
				29	44	59	74	5
				26	39	51	64	6
GyC	Great Bend-Zell silt loams, 4 to 9 percent slopes	Great Bend	65	132	176	208	232	0
				80	119	153	182	1
				57	85	114	140	2
				44	66	89	111	3
				36	54	73	91	4
				31	46	61	77	5
				27	40	53	67	6
GyC	Great Bend-Zell silt loams, 4 to 9 percent slopes	Zell	25	112	150	178	200	0
				72	108	136	161	1
				53	79	106	128	2
				42	63	84	104	3
				35	52	69	86	4
				29	44	59	74	5
				26	39	51	64	6
GzC	Great Bend-Zell-Huffton silt loams, 4 to 9 percent slopes	Great Bend	40	132	175	207	232	0
				80	119	152	181	1
				57	85	114	140	2
				44	66	89	111	3
				36	54	73	91	4
				31	46	61	77	5
				27	40	53	67	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
GzC	Great Bend-Zell-Huffton silt loams, 4 to 9 percent slopes	Zell	30	112	150	178	200	0
				72	108	136	161	1
				53	79	106	128	2
				42	63	84	104	3
				35	52	69	86	4
				29	44	59	74	5
				26	39	51	64	6
GzC	Great Bend-Zell-Huffton silt loams, 4 to 9 percent slopes	Huffton	20	155	206	242	270	0
				87	131	170	204	1
				61	91	122	152	2
				47	70	93	117	3
				38	57	76	95	4
				32	48	64	79	5
				27	41	55	69	6
Ha	Hamar loamy fine sand	Hamar	85	287	373	436	483	0
				118	177	236	293	1
				74	111	148	185	2
				54	81	108	135	3
				43	64	85	106	4
				35	53	70	88	5
				30	45	60	75	6
Hc	Hamerly loam	Hamerly	85	55	77	93	106	0
				43	63	80	94	1
				35	53	69	83	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
Hd	Hamerly loam, saline	Hamerly	85	55	77	93	106	0
				43	63	80	94	1
				35	53	69	83	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
Hf	Hamerly-Tonka complex	Hamerly	50	55	77	93	106	0
				43	63	80	94	1
				35	53	69	83	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
Hf	Hamerly-Tonka complex	Tonka	35	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
Hh	Hamerly-Vallers loams	Hamerly	45	55	77	93	106	0
				43	63	80	94	1
				35	53	69	83	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
Hh	Hamerly-Vallers loams	Vallers	40	47	65	80	91	0
				38	55	70	82	1
				32	48	61	73	2
				28	41	54	66	3
				24	36	48	59	4
				22	32	43	53	5
				20	29	39	49	6
Hm	Harmony variant clay loam	Harmony	85	205	268	315	350	0
				101	152	202	242	1
				67	101	134	168	2
				50	75	101	126	3
				40	60	80	100	4
				33	50	67	84	5
				29	43	57	72	6
Hn	Harmony-Aberdeen silty clay loams	Harmony	55	93	126	151	169	0
				63	95	120	141	1
				48	72	96	116	2
				39	58	78	96	3
				33	49	65	81	4
				28	42	56	70	5
				25	37	49	61	6
Hn	Harmony-Aberdeen silty clay loams	Aberdeen	30	103	138	165	185	0
				68	102	128	151	1
				51	76	101	122	2
				40	61	81	101	3
				34	50	67	84	4
				29	43	58	72	5
				25	38	50	63	6
Hp	Harmony-Beotia silt loams	Harmony	55	106	143	170	190	0
				69	104	131	155	1
				51	77	103	125	2
				41	61	82	102	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	63	6
Hp	Harmony-Beotia silt loams	Beotia	30	121	161	191	214	0
				75	113	144	170	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				55	82	110	134	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
Hr	Harriet loam	Harriet	90	59	81	98	112	0
				46	66	84	98	1
				37	56	72	86	2
				31	47	62	75	3
				27	41	54	66	4
				24	36	48	60	5
				21	32	43	53	6
HtB	Hecla-Hamar loamy fine sands, 0 to 6 percent slopes	Hecla	50	180	237	279	310	0
				95	142	187	224	1
				64	96	129	161	2
				49	73	97	122	3
				39	59	78	98	4
				33	49	65	82	5
				28	42	56	70	6
HtB	Hecla-Hamar loamy fine sands, 0 to 6 percent slopes	Hamar	35	287	373	436	483	0
				118	177	236	293	1
				74	111	148	185	2
				54	81	108	135	3
				43	64	85	106	4
				35	53	70	88	5
				30	45	60	75	6
Hx	Heil silt loam	Heil	95	46	64	79	90	0
				37	54	69	81	1
				32	47	60	72	2
				27	41	53	65	3
				24	36	48	58	4
				21	32	43	53	5
				19	29	39	48	6
Ka	Koto loam	Koto	85	96	130	155	174	0
				65	97	122	144	1
				49	73	98	118	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
Kh	Koto-Harriet loams	Koto	60	96	130	155	174	0
				65	97	122	144	1
				49	73	98	118	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				25	37	49	62	6
Kh	Koto-Harriet loams	Harriet	25	59	81	98	112	0
				46	66	84	98	1
				37	56	72	86	2
				31	47	62	75	3
				27	41	54	66	4
				24	36	48	60	5
				21	32	43	53	6
KkA	Kranzburg-Brookings silt loams, 0 to 2 percent slopes	Kranzburg	45	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
KkA	Kranzburg-Brookings silt loams, 0 to 2 percent slopes	Brookings	40	80	108	130	147	0
				57	84	106	125	1
				44	67	87	105	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
KrB	Kranzburg-Brookings-Buse complex, 1 to 6 percent slopes	Kranzburg	45	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
KrB	Kranzburg-Brookings-Buse complex, 1 to 6 percent slopes	Brookings	25	80	108	130	147	0
				57	84	106	125	1
				44	67	87	105	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
KrB	Kranzburg-Brookings-Buse complex, 1 to 6 percent slopes	Buse	15	38	55	67	78	0
				32	47	60	70	1
				28	41	54	64	2
				24	36	48	58	3
				22	32	43	53	4
				19	29	39	48	5
				18	27	36	44	6
Kt	Kratka loamy fine sand	Kratka	85	97	130	155	175	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				65	98	123	144	1
				49	74	98	118	2
				40	59	79	98	3
				33	49	66	82	4
				28	42	57	71	5
				25	37	50	62	6
La	LaDelle silt loam	LaDelle	90	98	132	157	177	0
				66	99	124	146	1
				49	74	99	119	2
				40	60	79	99	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
Lc	LaDelle silt loam, channeled	LaDelle	90	98	132	157	177	0
				66	99	124	146	1
				49	74	99	119	2
				40	60	79	99	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
Le	Lamoure silty clay loam	Lamoure	85	219	287	336	374	0
				105	157	209	252	1
				69	103	137	172	2
				51	77	102	128	3
				41	61	81	102	4
				34	51	68	85	5
				29	43	58	72	6
Lg	La Prairie loam	La Prairie	85	94	127	152	170	0
				64	95	120	142	1
				48	73	96	116	2
				39	59	78	97	3
				33	49	65	82	4
				28	42	56	70	5
				25	37	49	62	6
Lh	La Prairie-Harriet loams	La Prairie	50	68	93	113	128	0
				51	74	94	111	1
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
Lh	La Prairie-Harriet loams	Harriet	30	59	81	98	112	0
				46	66	84	98	1
				37	56	72	86	2
				31	47	62	75	3
				27	41	54	66	4
				24	36	48	60	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				21	32	43	53	6
Lm	Letcher-Embden-Miranda complex	Letcher	35	131	174	206	230	0
				79	119	152	180	1
				57	85	113	140	2
				44	66	88	110	3
				36	54	72	90	4
				31	46	61	77	5
				27	40	53	66	6
Lm	Letcher-Embden-Miranda complex	Embden	30	84	114	136	154	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
Lm	Letcher-Embden-Miranda complex	Miranda	20	45	63	77	89	0
				37	53	68	79	1
				31	46	60	71	2
				27	40	53	64	3
				24	36	47	58	4
				21	32	42	52	5
				19	29	38	48	6
Lu	Ludden silty clay	Ludden	85	65	90	108	123	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
Lw	Ludden silty clay, ponded	Ludden	90	65	90	108	123	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
Lx	Ludden-Ludden, saline silty clays	Ludden	45	65	90	108	123	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
Lx	Ludden-Ludden, saline silty clays	Ludden	40	65	90	108	123	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
Lz	Ludden silty clay, ponded-Water complex	Ludden	50	65	90	108	123	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
MaB	Maddock-Hecla-Hamar loamy fine sands, 2 to 8 percent slopes	Maddock	35	108	145	172	193	0
				70	105	133	157	1
				52	78	104	126	2
				41	62	82	103	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	64	6
MaB	Maddock-Hecla-Hamar loamy fine sands, 2 to 8 percent slopes	Hecla	30	180	237	279	310	0
				95	142	187	224	1
				64	96	129	161	2
				49	73	97	122	3
				39	59	78	98	4
				33	49	65	82	5
				28	42	56	70	6
MaB	Maddock-Hecla-Hamar loamy fine sands, 2 to 8 percent slopes	Hamar	20	287	373	436	483	0
				118	177	236	293	1
				74	111	148	185	2
				54	81	108	135	3
				43	64	85	106	4
				35	53	70	88	5
				30	45	60	75	6
Na	Nahon-Aberdeen-Exline silt loams	Nahon	50	121	161	191	214	0
				75	113	144	170	1
				55	82	110	134	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
Na	Nahon-Aberdeen-Exline silt loams	Aberdeen	20	111	149	177	198	0
				71	107	136	160	1
				53	79	105	128	2
				42	62	83	104	3
				34	52	69	86	4
				29	44	59	74	5
				26	38	51	64	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Na	Nahon-Aberdeen-Exline silt loams	Exline	15	75	102	123	139	0
				55	80	102	119	1
				43	64	84	101	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
Nc	Nahon-Aberdeen-Exline silty clay loams, sandy substratum	Nahon	50	117	157	186	208	0
				74	111	141	167	1
				54	81	108	132	2
				42	64	85	106	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
Nc	Nahon-Aberdeen-Exline silty clay loams, sandy substratum	Aberdeen	20	103	138	165	185	0
				68	102	128	151	1
				51	76	101	122	2
				40	61	81	101	3
				34	50	67	84	4
				29	43	58	72	5
				25	38	50	63	6
Nc	Nahon-Aberdeen-Exline silty clay loams, sandy substratum	Exline	15	263	343	401	444	0
				114	170	227	279	1
				72	109	145	181	2
				53	80	106	133	3
				42	63	84	105	4
				35	52	69	87	5
				30	44	59	74	6
NeA	Niobell-Noonan-Williams loams, 1 to 4 percent slopes	Niobell	40	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
NeA	Niobell-Noonan-Williams loams, 1 to 4 percent slopes	Noonan	30	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
NeA	Niobell-Noonan-Williams loams, 1 to 4 percent slopes	Williams	20	56	78	95	108	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
Ng	Nishon silt loam	Nishon	90	68	94	113	128	0
				51	75	95	111	1
				40	61	79	96	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
Nh	Nishon-Heil silt loams	Nishon	50	68	94	113	128	0
				51	75	95	111	1
				40	61	79	96	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
Nh	Nishon-Heil silt loams	Heil	40	46	64	79	90	0
				37	54	69	81	1
				32	47	60	72	2
				27	41	53	65	3
				24	36	48	58	4
				21	32	43	53	5
				19	29	39	48	6
No	Noonan-Niobell-Miranda loams	Noonan	35	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
No	Noonan-Niobell-Miranda loams	Niobell	30	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
No	Noonan-Niobell-Miranda loams	Miranda	20	45	63	77	89	0
				37	53	68	79	1
				31	46	60	71	2
				27	40	53	64	3
				24	36	47	58	4
				21	32	42	52	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				19	29	38	48	6
Pa	Parnell silty clay loam	Parnell	90	80	109	131	147	0
				57	84	107	125	1
				44	67	87	106	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
Pc	Parnell silty clay loam, ponded	Parnell	90	80	109	131	147	0
				57	84	107	125	1
				44	67	87	106	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
PeA	Peever clay loam, 0 to 2 percent slopes	Peever	85	39	56	69	79	0
				33	48	61	72	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6
PfB	Peever-Buse clay loams, 1 to 4 percent slopes	Peever	60	39	56	69	79	0
				33	48	61	72	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6
PfB	Peever-Buse clay loams, 1 to 4 percent slopes	Buse	25	38	55	67	78	0
				32	47	60	70	1
				28	41	54	64	2
				24	36	48	58	3
				22	32	43	53	4
				19	29	39	48	5
				18	27	36	44	6
Pm	Playmoor silty clay loam	Playmoor	85	97	131	156	175	0
				65	98	123	145	1
				49	74	98	118	2
				40	59	79	99	3
				33	49	66	82	4
				28	42	57	71	5
				25	37	50	62	6
Pr	Playmoor-Lamoure silty clay loams, channeled	Playmoor	50	97	131	156	175	0
				65	98	123	145	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				49	74	98	118	2
				40	59	79	99	3
				33	49	66	82	4
				28	42	57	71	5
				25	37	50	62	6
Pr	Playmoor-Lamoure silty clay loams, channeled	Lamoure	35	219	287	336	374	0
				105	157	209	252	1
				69	103	137	172	2
				51	77	102	128	3
				41	61	81	102	4
				34	51	68	85	5
				29	43	58	72	6
Ra	Ranslo silty clay loam	Ranslo	85	93	126	150	169	0
				63	95	120	140	1
				48	72	96	116	2
				39	58	78	96	3
				33	49	65	81	4
				28	42	56	70	5
				25	37	49	61	6
Rc	Ranslo-Harriet loams	Ranslo	45	97	132	157	176	0
				65	98	124	146	1
				49	74	98	119	2
				40	59	79	99	3
				33	49	66	82	4
				28	42	57	71	5
				25	37	50	62	6
Rc	Ranslo-Harriet loams	Harriet	40	59	81	98	112	0
				46	66	84	98	1
				37	56	72	86	2
				31	47	62	75	3
				27	41	54	66	4
				24	36	48	60	5
				21	32	43	53	6
RfA	Renshaw-Fordville loams, 0 to 2 percent slopes	Renshaw	60	417	539	626	692	0
				135	203	270	338	1
				81	121	161	202	2
				57	86	115	144	3
				45	67	89	112	4
				36	55	73	91	5
				31	46	62	77	6
RfA	Renshaw-Fordville loams, 0 to 2 percent slopes	Fordville	25	475	612	711	785	0
				141	211	281	352	1
				83	124	165	207	2
				58	88	117	146	3
				45	68	90	113	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				37	55	74	92	5
				31	47	62	78	6
RfB	Renshaw-Fordville loams, 2 to 6 percent slopes	Renshaw	60	417	539	626	692	0
				135	203	270	338	1
				81	121	161	202	2
				57	86	115	144	3
				45	67	89	112	4
				36	55	73	91	5
				31	46	62	77	6
RfB	Renshaw-Fordville loams, 2 to 6 percent slopes	Fordville	25	475	612	711	785	0
				141	211	281	352	1
				83	124	165	207	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
Ry	Ryan-Ludden complex	Ryan	55	69	95	115	130	0
				51	75	96	113	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
Ry	Ryan-Ludden complex	Ludden	30	65	90	108	123	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
SaD	Serden fine sand, 6 to 15 percent slopes	Serden	85	265	346	403	447	0
				114	171	228	281	1
				73	109	145	182	2
				53	80	107	133	3
				42	63	84	105	4
				35	52	70	87	5
				30	44	59	74	6
ScB	Serden-Hamar-Venlo loamy fine sands, 0 to 6 percent slopes	Serden	50	280	365	426	472	0
				117	175	233	289	1
				74	111	147	184	2
				54	81	108	135	3
				42	64	85	106	4
				35	53	70	88	5
				30	45	60	74	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
ScB	Serden-Hamar-Venlo loamy fine sands, 0 to 6 percent slopes	Hamar	15	287	373	436	483	0
				118	177	236	293	1
				74	111	148	185	2
				54	81	108	135	3
				43	64	85	106	4
				35	53	70	88	5
				30	45	60	75	6
ScB	Serden-Hamar-Venlo loamy fine sands, 0 to 6 percent slopes	Venlo	15	297	386	450	499	0
				120	179	239	298	1
				75	112	150	187	2
				54	82	109	136	3
				43	64	86	107	4
				35	53	71	88	5
				30	45	60	75	6
Sd	Slickspots	Slickspots	100	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
Sf	Spottswood-Divide loams, 0 to 2 percent slopes	Spottswood	60	430	556	645	713	0
				137	205	273	341	1
				81	122	162	203	2
				58	87	115	144	3
				45	67	90	112	4
				37	55	73	91	5
				31	46	62	77	6
Sf	Spottswood-Divide loams, 0 to 2 percent slopes	Divide	30	484	624	724	799	0
				142	212	283	354	1
				83	124	166	207	2
				59	88	117	146	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
Sh	Stirum fine sandy loam	Stirum	85	213	280	327	364	0
				103	155	206	248	1
				68	102	136	170	2
				51	76	102	127	3
				40	61	81	101	4
				34	51	67	84	5
				29	43	58	72	6
Sn	Stirum-Stirum variant loams	Stirum	45	213	280	327	364	0
				103	155	206	248	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				68	102	136	170	2
				51	76	102	127	3
				40	61	81	101	4
				34	51	67	84	5
				29	43	58	72	6
Sn	Stirum-Stirum variant loams	Stirum	40	174	229	269	300	0
				93	140	183	219	1
				64	95	127	159	2
				48	72	96	120	3
				39	58	78	97	4
				33	49	65	81	5
				28	42	56	70	6
SoA	Swenoda fine sandy loam, 0 to 2 percent slopes	Swenoda	85	79	108	129	146	0
				57	84	106	124	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
StB	Swenoda-Embden fine sandy loams, 2 to 6 percent slopes	Swenoda	50	79	108	129	146	0
				57	84	106	124	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
StB	Swenoda-Embden fine sandy loams, 2 to 6 percent slopes	Embden	35	84	114	136	154	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
SvA	Swenoda-Tiffany variant fine sandy loams, 0 to 3 percent slopes	Swenoda	65	79	108	129	146	0
				57	84	106	124	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
SvA	Swenoda-Tiffany variant fine sandy loams, 0 to 3 percent slopes	Tiffany	25	64	88	106	121	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
SwA	Swenoda-Turton complex, 0 to 3 percent slopes	Swenoda	45	79	108	129	146	0
				57	84	106	124	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
SwA	Swenoda-Turton complex, 0 to 3 percent slopes	Turton	35	99	134	159	179	0
				66	99	125	147	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
SxA	Swenoda-Turton variant complex, 0 to 3 percent slopes	Swenoda	50	79	108	129	146	0
				57	84	106	124	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
SxA	Swenoda-Turton variant complex, 0 to 3 percent slopes	Turton	30	102	137	163	183	0
				68	101	127	150	1
				50	76	101	122	2
				40	60	81	101	3
				34	50	67	84	4
				29	43	57	72	5
				25	38	50	63	6
TaB	Tally fine sandy loam, 2 to 6 percent slopes	Tally	85	83	113	136	153	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
TeB	Tally-Letcher fine sandy loams, 1 to 6 percent slopes	Tally	55	83	113	136	153	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				27	40	54	67	5
				24	36	48	59	6
TeB	Tally-Letcher fine sandy loams, 1 to 6 percent slopes	Letcher	30	131	174	206	230	0
				79	119	152	180	1
				57	85	113	140	2
				44	66	88	110	3
				36	54	72	90	4
				31	46	61	77	5
				27	40	53	66	6
Tk	Tonka silt loam	Tonka	90	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
Tn	Tonka-Nishon silt loams	Tonka	50	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
Tn	Tonka-Nishon silt loams	Nishon	40	68	94	113	128	0
				51	75	95	111	1
				40	61	79	96	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
Tr	Towner-Hecla loamy fine sands	Towner	50	108	145	172	193	0
				70	105	133	157	1
				52	78	104	126	2
				41	62	82	103	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	64	6
Tr	Towner-Hecla loamy fine sands	Hecla	35	180	237	279	310	0
				95	142	187	224	1
				64	96	129	161	2
				49	73	97	122	3
				39	59	78	98	4
				33	49	65	82	5
				28	42	56	70	6
Tv	Turton-Turton variant complex	Turton	55	139	185	218	243	0
				82	123	158	189	1
				58	87	116	144	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				45	68	90	113	3
				37	55	74	92	4
				31	47	62	78	5
				27	40	54	67	6
Tv	Turton-Turton variant complex	Turton	30	102	137	163	183	0
				68	101	127	150	1
				50	76	101	122	2
				40	60	81	101	3
				34	50	67	84	4
				29	43	57	72	5
				25	38	50	63	6
Un	Ulen fine sandy loam	Ulen	85	316	411	478	530	0
				122	184	245	306	1
				76	114	152	190	2
				55	83	110	138	3
				43	65	86	108	4
				36	53	71	89	5
				30	45	60	75	6
Us	Ulen-Stirum fine sandy loams	Ulen	60	316	411	478	530	0
				122	184	245	306	1
				76	114	152	190	2
				55	83	110	138	3
				43	65	86	108	4
				36	53	71	89	5
				30	45	60	75	6
Us	Ulen-Stirum fine sandy loams	Stirum	25	213	280	327	364	0
				103	155	206	248	1
				68	102	136	170	2
				51	76	102	127	3
				40	61	81	101	4
				34	51	67	84	5
				29	43	58	72	6
Va	Vallers clay loam	Vallers	85	40	57	70	81	0
				33	49	62	73	1
				29	43	55	66	2
				25	38	49	60	3
				22	33	44	54	4
				20	30	40	49	5
				18	27	36	45	6
Vs	Vallers loam, saline	Vallers	85	43	61	75	86	0
				35	52	66	77	1
				30	45	58	70	2
				26	39	51	63	3
				23	35	46	56	4
				21	31	41	51	5
				19	28	38	47	6
VzC	Vida-Zahl loams, 6 to 15 percent slopes	Vida	55	46	64	79	90	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				37	54	69	81	1
				32	47	60	72	2
				27	41	53	65	3
				24	36	48	58	4
				21	32	43	53	5
				19	29	39	48	6
VzC	Vida-Zahl loams, 6 to 15 percent slopes	Zahl	25	62	85	103	117	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
VzE	Vida-Zahl loams, 9 to 25 percent slopes	Vida	55	46	64	79	90	0
				37	54	69	81	1
				32	47	60	72	2
				27	41	53	65	3
				24	36	48	58	4
				21	32	43	53	5
				19	29	39	48	6
VzE	Vida-Zahl loams, 9 to 25 percent slopes	Zahl	25	62	85	103	117	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
WaB	Williams loam, 2 to 6 percent slopes	Williams	85	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
WbA	Williams-Bowbells loams, 0 to 3 percent slopes	Williams	60	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
WbA	Williams-Bowbells loams, 0 to 3 percent slopes	Bowbells	25	73	100	120	135	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				26	39	52	65	5
				23	34	46	57	6
WbB	Williams-Bowbells loams, 1 to 6 percent slopes	Williams	60	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
WbB	Williams-Bowbells loams, 1 to 6 percent slopes	Bowbells	25	73	100	120	135	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
WdA	Williams-Bowbells-Tonka complex, 0 to 3 percent slopes	Williams	50	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
WdA	Williams-Bowbells-Tonka complex, 0 to 3 percent slopes	Bowbells	20	73	100	120	135	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
WdA	Williams-Bowbells-Tonka complex, 0 to 3 percent slopes	Tonka	15	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
WdB	Williams-Bowbells-Tonka complex, 0 to 6 percent slopes	Williams	50	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				21	31	42	52	6
WdB	Williams-Bowbells-Tonka complex, 0 to 6 percent slopes	Bowbells	20	73	100	120	135	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
WdB	Williams-Bowbells-Tonka complex, 0 to 6 percent slopes	Tonka	15	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
WfA	Williams-Cavour loams, 0 to 3 percent slopes	Williams	55	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	77	4
				23	35	47	58	5
				21	31	42	52	6
WfA	Williams-Cavour loams, 0 to 3 percent slopes	Cavour	25	57	80	97	110	0
				44	65	83	97	1
				36	54	71	85	2
				31	46	61	75	3
				27	40	53	66	4
				24	35	47	59	5
				21	32	42	53	6
WfB	Williams-Cavour loams, 3 to 6 percent slopes	Williams	55	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
WfB	Williams-Cavour loams, 3 to 6 percent slopes	Cavour	25	57	80	97	110	0
				44	65	83	97	1
				36	54	71	85	2
				31	46	61	75	3
				27	40	53	66	4
				24	35	47	59	5
				21	32	42	53	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
WhA	Williams-Cresbard-Tonka complex, 0 to 3 percent slopes	Williams	50	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
WhA	Williams-Cresbard-Tonka complex, 0 to 3 percent slopes	Cresbard	20	80	108	130	147	0
				57	84	106	125	1
				44	67	87	105	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
WhA	Williams-Cresbard-Tonka complex, 0 to 3 percent slopes	Tonka	15	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
WhB	Williams-Cresbard-Tonka complex, 0 to 6 percent slopes	Williams	50	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
WhB	Williams-Cresbard-Tonka complex, 0 to 6 percent slopes	Cresbard	20	65	89	108	122	0
				49	72	91	107	1
				39	59	76	92	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
WhB	Williams-Cresbard-Tonka complex, 0 to 6 percent slopes	Tonka	15	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
WnB	Williams-Niobell loams, 1 to 6 percent slopes	Williams	55	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
WnB	Williams-Niobell loams, 1 to 6 percent slopes	Niobell	30	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
WrD	Williams-Vida loams, 6 to 15 percent slopes	Williams	50	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
WrD	Williams-Vida loams, 6 to 15 percent slopes	Vida	35	46	64	79	90	0
				37	54	69	81	1
				32	47	60	72	2
				27	41	53	65	3
				24	36	48	58	4
				21	32	43	53	5
				19	29	39	48	6
WsC	Williams-Zahl-Bowbells loams, 1 to 9 percent slopes	Williams	40	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
WsC	Williams-Zahl-Bowbells loams, 1 to 9 percent slopes	Zahl	25	62	85	103	117	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
WsC	Williams-Zahl-Bowbells loams, 1 to 9 percent slopes	Bowbells	20	73	100	120	135	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
Wt	Winship-Tonka silt loams	Winship	60	124	166	196	220	0
				77	115	146	174	1
				55	83	111	136	2
				43	65	87	108	3
				36	53	71	89	4
				30	45	60	76	5
				26	39	53	66	6
Wt	Winship-Tonka silt loams	Tonka	25	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
Wy	Wyndmere fine sandy loam	Wyndmere	90	143	190	224	251	0
				83	125	161	193	1
				59	88	118	146	2
				45	68	91	114	3
				37	56	74	93	4
				31	47	63	78	5
				27	41	54	68	6
Wz	Wyndmere-Stirum fine sandy loams	Wyndmere	50	143	190	224	251	0
				83	125	161	193	1
				59	88	118	146	2
				45	68	91	114	3
				37	56	74	93	4
				31	47	63	78	5
				27	41	54	68	6
Wz	Wyndmere-Stirum fine sandy loams	Stirum	35	213	280	327	364	0
				103	155	206	248	1
				68	102	136	170	2
				51	76	102	127	3
				40	61	81	101	4
				34	51	67	84	5
				29	43	58	72	6
ZaD	Zahl-Embden-Wabek variant complex, 3 to 15 percent slopes	Zahl	45	62	85	103	117	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	64	78	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
ZaD	Zahl-Embden-Wabek variant complex, 3 to 15 percent slopes	Embden	25	84	114	136	154	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
ZaD	Zahl-Embden-Wabek variant complex, 3 to 15 percent slopes	Wabek	15	224	293	343	381	0
				106	158	211	255	1
				69	104	138	173	2
				51	77	103	128	3
				41	61	82	102	4
				34	51	68	85	5
				29	44	58	73	6
ZdE	Zahl-Kloten-Edgeley complex, 9 to 35 percent slopes	Zahl	40	62	85	103	117	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
ZdE	Zahl-Kloten-Edgeley complex, 9 to 35 percent slopes	Kloten	25	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
ZdE	Zahl-Kloten-Edgeley complex, 9 to 35 percent slopes	Edgeley	20	27	barrier	barrier	barrier	0
				24	barrier	barrier	barrier	1
				21	barrier	barrier	barrier	2
				19	barrier	barrier	barrier	3
				18	barrier	barrier	barrier	4
				16	barrier	barrier	barrier	5
				15	barrier	barrier	barrier	6
ZeA	Zell silt loam, 0 to 2 percent slopes	Zell	85	112	150	178	200	0
				72	108	136	161	1
				53	79	106	128	2
				42	63	84	104	3
				35	52	69	86	4
				29	44	59	74	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				26	39	51	64	6
ZgD	Zell-Great Bend silt loams, 6 to 25 percent slopes	Zell	55	112	150	178	200	0
				72	108	136	161	1
				53	79	106	128	2
				42	63	84	104	3
				35	52	69	86	4
				29	44	59	74	5
				26	39	51	64	6
ZgD	Zell-Great Bend silt loams, 6 to 25 percent slopes	Great Bend	35	132	176	208	232	0
				80	119	153	182	1
				57	85	114	140	2
				44	66	89	111	3
				36	54	73	91	4
				31	46	61	77	5
				27	40	53	67	6

South Dakota Lateral Effect Tables for Brule and Buffalo Counties

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Ar	Artesian silty clay loam	Artesian	80	70	96	115	130	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
BeB	Beadle loam, 2 to 6 percent slopes	Beadle	80	43	61	75	86	0
				35	52	66	77	1
				30	45	58	70	2
				26	39	51	63	3
				23	35	46	56	4
				21	31	41	51	5
				19	28	38	47	6
BeC	Beadle loam, 6 to 9 percent slopes	Beadle	75	43	61	75	86	0
				35	52	66	77	1
				30	45	58	70	2
				26	39	51	63	3
				23	35	46	56	4
				21	31	41	51	5
				19	28	38	47	6
BgB	Beadle-Jerauld complex, 1 to 5 percent slopes	Beadle	50	43	61	75	86	0
				35	52	66	77	1
				30	45	58	70	2
				26	39	51	63	3
				23	35	46	56	4
				21	31	41	51	5
				19	28	38	47	6
BgB	Beadle-Jerauld complex, 1 to 5 percent slopes	Jerauld	25	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
BmF	Betts-Java loams, 20 to 40 percent slopes	Betts	45	55	77	93	106	0
				43	63	80	94	1
				35	53	69	83	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
BmF	Betts-Java loams, 20 to 40 percent slopes	Java	30	61	84	102	115	0
				47	68	86	102	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
Bn	Bon loam	Bon	80	99	134	160	179	0
				66	99	125	148	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
Bo	Bon loam, channeled	Bon	80	95	128	152	171	0
				64	96	121	142	1
				49	73	97	117	2
				39	59	78	97	3
				33	49	66	82	4
				28	42	56	70	5
				25	37	49	62	6
Bu	Bullcreek clay	Bullcreek	82	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
Ca	Carter silt loam	Carter	75	94	127	152	171	0
				64	95	120	142	1
				48	73	96	116	2
				39	59	78	97	3
				33	49	65	82	4
				28	42	56	70	5
				25	37	49	62	6
Cp	Carter-Promise complex	Carter	60	94	127	152	171	0
				64	95	120	142	1
				48	73	96	116	2
				39	59	78	97	3
				33	49	65	82	4
				28	42	56	70	5
				25	37	49	62	6
Cp	Carter-Promise complex	Promise	30	85	116	139	156	0
				60	89	112	132	1
				46	69	91	110	2
				37	56	75	92	3
				31	47	63	79	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				27	41	54	68	5
				24	36	48	60	6
Cr	Cavo-Jerauld silt loams	Cavo	60	78	106	128	144	0
				56	83	105	123	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
Cr	Cavo-Jerauld silt loams	Jerauld	20	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
CsD	Chantier-Sansarc clays, 2 to 15 percent slopes	Chantier	60	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
CsD	Chantier-Sansarc clays, 2 to 15 percent slopes	Sansarc	20	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
DaA	DeGrey-Eakin-Jerauld silt loams, 0 to 2 percent slopes	DeGrey	35	82	111	133	150	0
				58	86	109	127	1
				45	68	89	107	2
				37	55	74	90	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6
DaA	DeGrey-Eakin-Jerauld silt loams, 0 to 2 percent slopes	Eakin	25	91	123	147	165	0
				63	93	117	138	1
				48	71	95	114	2
				38	58	77	95	3
				32	48	65	81	4
				28	42	56	69	5
				24	37	49	61	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
DaA	DeGrey-Eakin-Jerauld silt loams, 0 to 2 percent slopes	Jerauld	15	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
DeD	Delmont loam, 6 to 15 percent slopes	Delmont	80	516	665	771	851	0
				144	216	288	360	1
				84	126	168	209	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
Do	Dorna silt loam	Dorna	80	133	177	209	233	0
				80	120	153	183	1
				57	86	114	141	2
				44	67	89	111	3
				36	55	73	91	4
				31	46	62	77	5
				27	40	53	67	6
Du	Durrstein silt loam	Durrstein	80	51	71	87	99	0
				41	59	75	88	1
				34	51	65	78	2
				29	43	57	69	3
				25	38	50	62	4
				22	34	45	56	5
				20	30	40	50	6
EaA	Eakin-DeGrey silt loams, 0 to 3 percent slopes	Eakin	45	91	123	147	165	0
				63	93	117	138	1
				48	71	95	114	2
				38	58	77	95	3
				32	48	65	81	4
				28	42	56	69	5
				24	37	49	61	6
EaA	Eakin-DeGrey silt loams, 0 to 3 percent slopes	DeGrey	30	82	111	133	150	0
				58	86	109	127	1
				45	68	89	107	2
				37	55	74	90	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6
Eg	Egas silty clay loam	Egas	80	64	89	107	121	0
				48	71	91	106	1
				39	59	76	92	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				33	49	65	79	3
				28	42	56	70	4
				25	37	49	62	5
				22	33	44	55	6
Ew	Egas variant silty clay loam	Egas	85	71	97	117	132	0
				52	77	98	114	1
				42	62	81	98	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
Fa	Farmsworth silt loam	Farmsworth	75	86	117	140	158	0
				60	89	113	133	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
GeE	Gettys clay loam, 9 to 25 percent slopes	Gettys	75	41	58	72	82	0
				34	50	63	75	1
				29	43	56	67	2
				25	38	50	61	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6
GeF	Gettys clay loam, 25 to 40 percent slopes	Gettys	75	41	58	72	82	0
				34	50	63	75	1
				29	43	56	67	2
				25	38	50	61	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6
GhA	Glenham loam, 0 to 3 percent slopes	Glenham	75	42	59	73	84	0
				35	50	64	76	1
				30	44	57	68	2
				26	39	50	61	3
				23	34	45	55	4
				20	31	41	50	5
				19	28	37	46	6
GkB	Glenham-Java loams, 3 to 6 percent slopes	Glenham	55	42	59	73	84	0
				35	50	64	76	1
				30	44	57	68	2
				26	39	50	61	3
				23	34	45	55	4
				20	31	41	50	5
				19	28	37	46	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
GkB	Glenham-Java loams, 3 to 6 percent slopes	Java	20	61	84	102	115	0
				47	68	86	102	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
HgB	Highmore-Java complex, 1 to 5 percent slopes	Highmore	50	74	101	122	137	0
				54	80	101	118	1
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	34	46	57	6
HgB	Highmore-Java complex, 1 to 5 percent slopes	Java	25	61	84	102	115	0
				47	68	86	102	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
HgC	Highmore-Java complex, 5 to 9 percent slopes	Highmore	40	74	101	122	137	0
				54	80	101	118	1
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	34	46	57	6
HgC	Highmore-Java complex, 5 to 9 percent slopes	Java	35	61	84	102	115	0
				47	68	86	102	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
HmA	Highmore-Mobridge silt loams, 0 to 4 percent slopes	Highmore	50	75	102	123	139	0
				55	80	102	119	1
				43	64	84	101	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
HmA	Highmore-Mobridge silt loams, 0 to 4 percent slopes	Mobridge	25	117	157	186	208	0
				74	111	141	167	1
				54	81	108	132	2
				42	64	85	106	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
HoB	Hurley silt loam, 0 to 6 percent slopes	Hurley	75	34	barrier	barrier	barrier	0
				29	barrier	barrier	barrier	1
				25	barrier	barrier	barrier	2
				23	barrier	barrier	barrier	3
				20	barrier	barrier	barrier	4
				18	barrier	barrier	barrier	5
				17	barrier	barrier	barrier	6
HsA	Hurley-Slickspots complex, 1 to 4 percent slopes	Hurley	60	34	barrier	barrier	barrier	0
				29	barrier	barrier	barrier	1
				25	barrier	barrier	barrier	2
				23	barrier	barrier	barrier	3
				20	barrier	barrier	barrier	4
				18	barrier	barrier	barrier	5
				17	barrier	barrier	barrier	6
HsA	Hurley-Slickspots complex, 1 to 4 percent slopes	Slickspots	20	45	52	barrier	barrier	0
				37	49	barrier	barrier	1
				31	46	barrier	barrier	2
				27	40	barrier	barrier	3
				24	36	barrier	barrier	4
				21	32	barrier	barrier	5
				19	29	barrier	barrier	6
JbE	Java-Betts loams, 9 to 20 percent slopes	Java	50	61	84	102	115	0
				47	68	86	102	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
JbE	Java-Betts loams, 9 to 20 percent slopes	Betts	30	55	77	93	106	0
				43	63	80	94	1
				35	53	69	83	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
JgC	Java-Glenham loams, 6 to 9 percent slopes	Java	40	61	84	102	115	0
				47	68	86	102	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
JgC	Java-Glenham loams, 6 to 9 percent slopes	Glenham	35	42	59	73	84	0
				35	50	64	76	1
				30	44	57	68	2
				26	39	50	61	3
				23	34	45	55	4
				20	31	41	50	5
				19	28	37	46	6
Ko	Kolls silty clay	Kolls	95	45	64	78	89	0
				37	54	68	80	1
				31	46	60	72	2
				27	40	53	65	3
				24	36	47	58	4
				21	32	42	52	5
				19	29	38	48	6
La	Lane silty clay loam	Lane	75	69	94	114	129	0
				51	75	95	112	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
Lf	Lane-Farmsworth complex	Lane	45	69	94	114	129	0
				51	75	95	112	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
Lf	Lane-Farmsworth complex	Farmsworth	30	86	117	140	158	0
				60	89	113	133	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
LoA	Lowry silt loam, 0 to 2 percent slopes	Lowry	90	158	209	246	274	0
				88	132	172	206	1
				61	92	122	153	2
				47	70	94	117	3
				38	57	76	95	4
				32	48	64	80	5
				28	41	55	69	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
LoB	Lowry silt loam, 2 to 6 percent slopes	Lowry	90	158	209	246	274	0
				88	132	172	206	1
				61	92	122	153	2
				47	70	94	117	3
				38	57	76	95	4
				32	48	64	80	5
				28	41	55	69	6
LvA	Lowry variant silt loam, 0 to 2 percent slopes	Lowry	100	382	494	575	635	0
				131	197	263	328	1
				79	119	159	198	2
				57	85	114	142	3
				44	66	88	111	4
				36	54	72	91	5
				31	46	61	77	6
LvB	Lowry variant silt loam, 2 to 6 percent slopes	Lowry	100	382	494	575	635	0
				131	197	263	328	1
				79	119	159	198	2
				57	85	114	142	3
				44	66	88	111	4
				36	54	72	91	5
				31	46	61	77	6
MaB	McClure silt loam, 2 to 6 percent slopes	McClure	75	89	121	144	162	0
				62	92	116	136	1
				47	71	93	113	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
MaC	McClure silt loam, 6 to 11 percent slopes	McClure	80	89	121	144	162	0
				62	92	116	136	1
				47	71	93	113	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
MbA	Millboro silty clay loam, 0 to 2 percent slopes	Millboro	99	61	84	102	116	0
				47	68	86	102	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
MbB	Millboro silty clay loam, 2 to 6 percent slopes	Millboro	100	61	84	102	116	0
				47	68	86	102	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
MbC	Millboro silty clay loam, 6 to 9 percent slopes	Millboro	90	61	84	102	116	0
				47	68	86	102	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
MoA	Mobridge silt loam	Mobridge	75	117	157	186	208	0
				74	111	141	167	1
				54	81	108	132	2
				42	64	85	106	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
Mp	Mobridge-Plankinton silt loams	Mobridge	60	117	157	186	208	0
				74	111	141	167	1
				54	81	108	132	2
				42	64	85	106	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
Mp	Mobridge-Plankinton silt loams	Plankinton	25	68	93	112	127	0
				51	74	94	110	1
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
Oa	Oahe loam, 0 to 2 percent slopes	Oahe	80	188	247	290	323	0
				97	145	192	230	1
				65	98	131	163	2
				49	74	98	123	3
				39	59	79	99	4
				33	49	66	82	5
				28	42	57	71	6
OdB	Oahe-Delmont loams, 2 to 6 percent slopes	Oahe	45	188	247	290	323	0
				97	145	192	230	1
				65	98	131	163	2
				49	74	98	123	3
				39	59	79	99	4
				33	49	66	82	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				28	42	57	71	6
OdB	Oahe-Delmont loams, 2 to 6 percent slopes	Delmont	35	516	665	771	851	0
				144	216	288	360	1
				84	126	168	209	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
OeF	Okaton bouldery silty clay, 15 to 40 percent slopes	Okaton	75	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
OkB	Oko loam, 2 to 7 percent slopes	Oko	75	45	64	78	89	0
				37	54	68	80	1
				31	46	60	72	2
				27	40	53	65	3
				24	36	47	58	4
				21	32	42	52	5
				19	29	38	48	6
OmB	Opal silty clay, 2 to 6 percent slopes	Opal	90	48	54	barrier	barrier	0
				39	51	barrier	barrier	1
				32	48	barrier	barrier	2
				28	42	barrier	barrier	3
				24	37	barrier	barrier	4
				22	33	barrier	barrier	5
				20	30	barrier	barrier	6
OmC	Opal silty clay, 6 to 11 percent slopes	Opal	75	48	54	barrier	barrier	0
				39	51	barrier	barrier	1
				32	48	barrier	barrier	2
				28	42	barrier	barrier	3
				24	37	barrier	barrier	4
				22	33	barrier	barrier	5
				20	30	barrier	barrier	6
OpB	Opal clay, saline, 1 to 6 percent slopes	Opal	90	42	48	barrier	barrier	0
				35	45	barrier	barrier	1
				30	43	barrier	barrier	2
				26	39	barrier	barrier	3
				23	34	barrier	barrier	4
				20	31	barrier	barrier	5
				19	28	barrier	barrier	6
OtA	Orton loam, 0 to 2 percent slopes	Orton	80	440	568	659	728	0
				138	206	275	344	1
				81	122	163	204	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				58	87	116	145	3
				45	67	90	112	4
				37	55	73	92	5
				31	46	62	77	6
OtB	Orton loam, 2 to 6 percent slopes	Orton	80	440	568	659	728	0
				138	206	275	344	1
				81	122	163	204	2
				58	87	116	145	3
				45	67	90	112	4
				37	55	73	92	5
				31	46	62	77	6
OwE	Orton-Schamber loams, 9 to 25 percent slopes	Orton	45	440	568	659	728	0
				138	206	275	344	1
				81	122	163	204	2
				58	87	116	145	3
				45	67	90	112	4
				37	55	73	92	5
				31	46	62	77	6
OwE	Orton-Schamber loams, 9 to 25 percent slopes	Schamber	35	315	410	477	528	0
				122	183	245	306	1
				76	114	152	190	2
				55	83	110	138	3
				43	65	86	108	4
				35	53	71	89	5
				30	45	60	75	6
Pa	Plankinton silt loam	Plankinton	90	68	93	112	127	0
				51	74	94	110	1
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
PrA	Promise silty clay, 0 to 2 percent slopes	Promise	75	85	116	139	156	0
				60	89	112	132	1
				46	69	91	110	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
PrB	Promise silty clay, 2 to 6 percent slopes	Promise	85	85	116	139	156	0
				60	89	112	132	1
				46	69	91	110	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
ReA	Ree loam, 0 to 3 percent slopes	Ree	75	117	157	186	208	0
				74	111	141	167	1
				54	81	108	132	2
				42	64	85	106	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
ReB	Ree loam, 3 to 7 percent slopes	Ree	75	117	157	186	208	0
				74	111	141	167	1
				54	81	108	132	2
				42	64	85	106	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
RsF	Rock outcrop-Sansarc complex, 15 to 40 percent slopes	Sansarc	40	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
SaE	Sansarc-Opal clays, 12 to 20 percent slopes	Sansarc	45	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
SaE	Sansarc-Opal clays, 12 to 20 percent slopes	Opal	30	48	55	barrier	barrier	0
				39	51	barrier	barrier	1
				32	48	barrier	barrier	2
				28	42	barrier	barrier	3
				24	37	barrier	barrier	4
				22	33	barrier	barrier	5
				20	30	barrier	barrier	6
SaF	Sansarc-Opal clays, 20 to 40 percent slopes	Sansarc	55	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
SaF	Sansarc-Opal clays, 20 to 40 percent slopes	Opal	20	48	55	barrier	barrier	0
				39	51	barrier	barrier	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				32	48	barrier	barrier	2
				28	42	barrier	barrier	3
				24	37	barrier	barrier	4
				22	33	barrier	barrier	5
				20	30	barrier	barrier	6
ScE	Schamber loam, 9 to 30 percent slopes	Schamber	75	315	410	477	528	0
				122	183	245	306	1
				76	114	152	190	2
				55	83	110	138	3
				43	65	86	108	4
				35	53	71	89	5
				30	45	60	75	6
SdF	Sully silt loam, 25 to 40 percent slopes	Sully	90	126	168	199	223	0
				77	116	148	176	1
				56	84	112	137	2
				44	65	87	109	3
				36	54	72	89	4
				30	46	61	76	5
				26	40	53	66	6
SoC	Sully-Lowry silt loams, 6 to 9 percent slopes	Sully	60	126	168	199	223	0
				77	116	148	176	1
				56	84	112	137	2
				44	65	87	109	3
				36	54	72	89	4
				30	46	61	76	5
				26	40	53	66	6
SoC	Sully-Lowry silt loams, 6 to 9 percent slopes	Lowry	30	158	209	246	274	0
				88	132	172	206	1
				61	92	122	153	2
				47	70	94	117	3
				38	57	76	95	4
				32	48	64	80	5
				28	41	55	69	6
SoE	Sully-Lowry silt loams, 9 to 25 percent slopes	Sully	55	126	168	199	223	0
				77	116	148	176	1
				56	84	112	137	2
				44	65	87	109	3
				36	54	72	89	4
				30	46	61	76	5
				26	40	53	66	6
SoE	Sully-Lowry silt loams, 9 to 25 percent slopes	Lowry	25	158	209	246	274	0
				88	132	172	206	1
				61	92	122	153	2
				47	70	94	117	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				38	57	76	95	4
				32	48	64	80	5
				28	41	55	69	6
SsE	Sully-Schamber complex, 9 to 25 percent slopes	Sully	60	126	168	199	223	0
				77	116	148	176	1
				56	84	112	137	2
				44	65	87	109	3
				36	54	72	89	4
				30	46	61	76	5
				26	40	53	66	6
SsE	Sully-Schamber complex, 9 to 25 percent slopes	Schamber	20	315	410	477	528	0
				122	183	245	306	1
				76	114	152	190	2
				55	83	110	138	3
				43	65	86	108	4
				35	53	71	89	5
				30	45	60	75	6
UaA	Uly silt loam, 0 to 2 percent slopes	Uly	85	107	143	170	191	0
				70	105	132	155	1
				52	78	103	125	2
				41	62	82	103	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	64	6
UaB	Uly silt loam, 2 to 6 percent slopes	Uly	85	107	143	170	191	0
				70	105	132	155	1
				52	78	103	125	2
				41	62	82	103	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	64	6
UaC	Uly silt loam, 6 to 9 percent slopes	Uly	85	107	143	170	191	0
				70	105	132	155	1
				52	78	103	125	2
				41	62	82	103	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	64	6
Wd	Wendte silty clay	Wendte	80	70	96	115	130	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
We	Wendte silty clay, channeled	Wendte	75	70	96	115	130	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
Wo	Worthing silty clay loam	Worthing	99	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
Wp	Worthing silty clay loam, ponded	Worthing	100	59	82	99	112	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6

South Dakota Lateral Effect Tables for Campbell

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
1A	Bowbells loam	Bowbells	85	71	97	117	132	0
				52	77	98	114	1
				41	62	81	98	2
				34	51	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
2	Grail silty clay loam	Grail	85	59	82	100	113	0
				46	67	85	100	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
4	Grassna silt loam	Grassna	85	118	158	187	209	0
				74	111	141	167	1
				54	81	108	132	2
				43	64	85	106	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
5	Williams-Noonan loams, 0 to 4 percent slopes	Williams	45	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
5	Williams-Noonan loams, 0 to 4 percent slopes	Noonan	30	71	98	118	133	0
				53	77	98	115	1
				42	62	81	98	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
7A	Hamerly silt loam, 0 to 3 percent slopes	Hamerly	85	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
7B	Hamerly silt loam, 3 to 6 percent slopes	Hamerly	90	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
9C	Seroco loamy fine sand, 2 to 15 percent slopes	Seroco	90	317	411	479	531	0
				123	184	245	307	1
				76	114	152	190	2
				55	83	110	138	3
				43	65	86	108	4
				36	53	71	89	5
				30	45	60	75	6
9E	Seroco-Dune land complex	Seroco	45	317	411	479	531	0
				123	184	245	307	1
				76	114	152	190	2
				55	83	110	138	3
				43	65	86	108	4
				36	53	71	89	5
				30	45	60	75	6
10	Capa silt loam, 0 to 6 percent slopes	Capa	85	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	57	6
11	Capa-Slickspots complex, 0 to 6 percent slopes	Capa	50	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	57	6
13A	Tally fine sandy loam, 0 to 3 percent slopes	Tally	90	148	196	231	257	0
				85	127	165	197	1
				60	89	119	149	2
				46	69	92	115	3
				37	56	75	93	4
				31	47	63	79	5
				27	41	54	68	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
13B	Tally fine sandy loam, 3 to 6 percent slopes	Tally	85	148	196	231	257	0
				85	127	165	197	1
				60	89	119	149	2
				46	69	92	115	3
				37	56	75	93	4
				31	47	63	79	5
				27	41	54	68	6
13C	Tally fine sandy loam, 6 to 9 percent slopes	Tally	85	148	196	231	257	0
				85	127	165	197	1
				60	89	119	149	2
				46	69	92	115	3
				37	56	75	93	4
				31	47	63	79	5
				27	41	54	68	6
15	Harriet silt loam	Harriet	90	87	118	141	158	0
				61	90	114	133	1
				46	70	92	111	2
				38	57	75	93	3
				32	48	63	79	4
				27	41	55	68	5
				24	36	48	60	6
16	Egas silty clay loam	Egas	90	76	103	124	140	0
				55	81	102	120	1
				43	65	84	102	2
				35	53	71	87	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
17	Hecla loamy sand	Hecla	85	268	349	407	451	0
				114	172	229	282	1
				73	109	146	182	2
				53	80	107	133	3
				42	63	84	105	4
				35	52	70	87	5
				30	44	59	74	6
18	Parshall fine sandy loam	Parshall	85	167	221	260	290	0
				91	137	179	214	1
				63	94	125	156	2
				48	72	95	119	3
				38	58	77	96	4
				32	48	65	81	5
				28	42	56	69	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
19	Heil silt loam	Heil	95	47	65	80	91	0
				38	55	70	82	1
				32	47	61	73	2
				27	41	54	66	3
				24	36	48	59	4
				22	32	43	53	5
				19	29	39	48	6
20D	Sully silt loam, 9 to 25 percent slopes	Sully	85	123	164	194	217	0
				76	114	145	172	1
				55	83	110	135	2
				43	65	86	108	3
				36	53	71	89	4
				30	45	60	75	5
				26	39	52	66	6
21A	Linton-Grassna silt loams, 0 to 3 percent slopes	Linton	40	164	217	255	284	0
				90	135	176	211	1
				62	93	124	155	2
				47	71	95	118	3
				38	57	77	96	4
				32	48	64	80	5
				28	42	55	69	6
21A	Linton-Grassna silt loams, 0 to 3 percent slopes	Grassna	35	118	158	187	209	0
				74	111	141	167	1
				54	81	108	132	2
				43	64	85	106	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
21B	Linton silt loam, 3 to 6 percent slopes	Linton	85	164	217	255	284	0
				90	135	176	211	1
				62	93	124	155	2
				47	71	95	118	3
				38	57	77	96	4
				32	48	64	80	5
				28	42	55	69	6
21C	Linton-Sutley silt loams, 6 to 9 percent slopes	Linton	50	164	217	255	284	0
				90	135	176	211	1
				62	93	124	155	2
				47	71	95	118	3
				38	57	77	96	4
				32	48	64	80	5
				28	42	55	69	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
21C	Linton-Sutley silt loams, 6 to 9 percent slopes	Sutley	35	173	228	268	298	0
				93	139	182	218	1
				63	95	127	158	2
				48	72	96	120	3
				39	58	78	97	4
				32	49	65	81	5
				28	42	56	70	6
21D	Sully-Zahl complex, 9 to 40 percent slopes	Sully	45	123	164	194	217	0
				76	114	145	172	1
				55	83	110	135	2
				43	65	86	108	3
				36	53	71	89	4
				30	45	60	75	5
				26	39	52	66	6
21D	Sully-Zahl complex, 9 to 40 percent slopes	Zahl	40	61	84	102	116	0
				47	68	87	102	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
22B	Linton-Sutley silt loams, 2 to 6 percent slopes	Linton	55	164	217	255	284	0
				90	135	176	211	1
				62	93	124	155	2
				47	71	95	118	3
				38	57	77	96	4
				32	48	64	80	5
				28	42	55	69	6
22B	Linton-Sutley silt loams, 2 to 6 percent slopes	Sutley	30	173	228	268	298	0
				93	139	182	218	1
				63	95	127	158	2
				48	72	96	120	3
				39	58	78	97	4
				32	49	65	81	5
				28	42	56	70	6
22C	Linton silt loam, 6 to 9 percent slopes	Linton	85	164	217	255	284	0
				90	135	176	211	1
				62	93	124	155	2
				47	71	95	118	3
				38	57	77	96	4
				32	48	64	80	5
				28	42	55	69	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
24A	Yecross loamy sand, 0 to 6 percent slopes	Yecross	85	284	370	431	478	0
				117	176	235	291	1
				74	111	148	185	2
				54	81	108	135	3
				43	64	85	106	4
				35	53	70	88	5
				30	45	60	75	6
24C	Yecross loamy sand, 6 to 15 percent slopes	Yecross	85	284	370	431	478	0
				117	176	235	291	1
				74	111	148	185	2
				54	81	108	135	3
				43	64	85	106	4
				35	53	70	88	5
				30	45	60	75	6
27B	Maddock loamy fine sand, 0 to 6 percent slopes	Maddock	90	286	372	434	481	0
				118	176	235	292	1
				74	111	148	185	2
				54	81	108	135	3
				43	64	85	106	4
				35	53	70	88	5
				30	45	60	75	6
27C	Maddock loamy fine sand, 6 to 12 percent slopes	Maddock	85	286	372	434	481	0
				118	176	235	292	1
				74	111	148	185	2
				54	81	108	135	3
				43	64	85	106	4
				35	53	70	88	5
				30	45	60	75	6
28	Wyndmere fine sandy loam, 0 to 3 percent slopes	Wyndmere	90	136	181	214	239	0
				81	122	156	186	1
				58	87	115	143	2
				45	67	90	112	3
				37	55	73	91	4
				31	46	62	77	5
				27	40	54	67	6
29	Vallers loam	Vallers	85	50	70	86	98	0
				40	59	74	87	1
				33	50	65	77	2
				29	43	56	69	3
				25	38	50	61	4
				22	33	45	55	5
				20	30	40	50	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
30	Parnell silty clay loam, ponded	Parnell	90	89	121	144	162	0
				62	92	116	136	1
				47	71	93	113	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
31E	Lihen loamy fine sand, 9 to 20 percent slopes	Lihen	85	130	173	204	228	0
				79	118	151	179	1
				56	85	113	139	2
				44	66	88	110	3
				36	54	72	90	4
				31	46	61	76	5
				27	40	53	66	6
34A	Bowdle loam, 0 to 3 percent slopes	Bowdle	85	476	613	711	786	0
				141	211	282	352	1
				83	124	165	207	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
34B	Bowdle loam, 3 to 6 percent slopes	Bowdle	85	476	613	711	786	0
				141	211	282	352	1
				83	124	165	207	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
36B	Lehr-Wabek loams, 2 to 6 percent slopes	Lehr	55	511	658	763	842	0
				144	216	287	359	1
				84	125	167	209	2
				59	88	118	147	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
36B	Lehr-Wabek loams, 2 to 6 percent slopes	Wabek	35	563	725	840	927	0
				148	221	295	369	1
				85	127	170	212	2
				60	89	119	149	3
				46	69	92	115	4
				37	56	75	93	5
				31	47	63	79	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
38	Parnell silty clay loam	Parnell	90	89	121	144	162	0
				62	92	116	136	1
				47	71	93	113	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
41A	Promise clay, 0 to 3 percent slopes	Promise	85	89	121	144	162	0
				62	92	116	136	1
				47	71	93	113	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
41B	Promise clay, 3 to 6 percent slopes	Promise	90	89	121	144	162	0
				62	92	116	136	1
				47	71	93	113	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
41C	Promise-Opal clays, 6 to 9 percent slopes	Promise	55	89	121	144	162	0
				62	92	116	136	1
				47	71	93	113	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
51	Tonka silt loam	Tonka	85	71	98	117	133	0
				52	77	98	114	1
				42	62	81	98	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
52A	Lehr loam, 0 to 3 percent slopes	Lehr	90	511	658	763	842	0
				144	216	287	359	1
				84	125	167	209	2
				59	88	118	147	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
52B	Lehr loam, 3 to 6 percent slopes	Lehr	85	511	658	763	842	0
				144	216	287	359	1
				84	125	167	209	2
				59	88	118	147	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
53D	Wabek-Lehr loams, 6 to 15 percent slopes	Wabek	50	563	725	840	927	0
				148	221	295	369	1
				85	127	170	212	2
				60	89	119	149	3
				46	69	92	115	4
				37	56	75	93	5
				31	47	63	79	6
53D	Wabek-Lehr loams, 6 to 15 percent slopes	Lehr	40	511	658	763	842	0
				144	216	287	359	1
				84	125	167	209	2
				59	88	118	147	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
53E	Wabek loam, 9 to 25 percent slopes	Wabek	85	563	725	840	927	0
				148	221	295	369	1
				85	127	170	212	2
				60	89	119	149	3
				46	69	92	115	4
				37	56	75	93	5
				31	47	63	79	6
54	Divide loam, 0 to 4 percent slopes	Divide	85	504	649	753	831	0
				143	215	286	358	1
				83	125	167	209	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
56	Regan silt loam	Regan	85	154	205	241	269	0
				87	131	170	203	1
				61	91	121	152	2
				47	70	93	116	3
				38	57	76	94	4
				32	48	64	79	5
				27	41	55	69	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
57A	Williams-Bowbells loams, 0 to 3 percent slopes	Williams	50	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
57A	Williams-Bowbells loams, 0 to 3 percent slopes	Bowbells	35	71	97	117	132	0
				52	77	98	114	1
				41	62	81	98	2
				34	51	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
57B	Williams-Bowbells loams, 3 to 6 percent slopes	Williams	50	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
57B	Williams-Bowbells loams, 3 to 6 percent slopes	Bowbells	35	71	97	117	132	0
				52	77	98	114	1
				41	62	81	98	2
				34	51	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
57C	Williams-Vida loams, 6 to 9 percent slopes	Williams	50	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
57C	Williams-Vida loams, 6 to 9 percent slopes	Vida	35	50	70	85	97	0
				40	58	74	87	1
				33	50	64	77	2
				29	43	56	69	3
				25	38	50	61	4
				22	33	44	55	5
				20	30	40	50	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
58B	Williams-Vida loams, 3 to 6 percent slopes	Williams	50	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
58B	Williams-Vida loams, 3 to 6 percent slopes	Vida	35	50	70	85	97	0
				40	58	74	87	1
				33	50	64	77	2
				29	43	56	69	3
				25	38	50	61	4
				22	33	44	55	5
				20	30	40	50	6
59D	Vida-Zahl loams, 6 to 15 percent slopes	Vida	55	50	70	85	97	0
				40	58	74	87	1
				33	50	64	77	2
				29	43	56	69	3
				25	38	50	61	4
				22	33	44	55	5
				20	30	40	50	6
59D	Vida-Zahl loams, 6 to 15 percent slopes	Zahl	35	61	84	102	116	0
				47	68	87	102	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
61E	Zahl-Vida loams, 9 to 30 percent slopes	Zahl	45	61	84	102	116	0
				47	68	87	102	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
61E	Zahl-Vida loams, 9 to 30 percent slopes	Vida	40	50	70	85	97	0
				40	58	74	87	1
				33	50	64	77	2
				29	43	56	69	3
				25	38	50	61	4
				22	33	44	55	5
				20	30	40	50	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
62	Vida very stony loam, 3 to 15 percent slopes	Vida	85	50	70	85	97	0
				40	58	74	87	1
				33	50	64	77	2
				29	43	56	69	3
				25	38	50	61	4
				22	33	44	55	5
				20	30	40	50	6
65B	Bryant-Sutley silt loams, 2 to 6 percent slopes	Bryant	55	122	163	193	216	0
				76	113	144	171	1
				55	82	110	134	2
				43	65	86	108	3
				35	53	71	89	4
				30	45	60	75	5
				26	39	52	65	6
65B	Bryant-Sutley silt loams, 2 to 6 percent slopes	Sutley	30	173	228	268	298	0
				93	139	182	218	1
				63	95	127	158	2
				48	72	96	120	3
				39	58	78	97	4
				32	49	65	81	5
				28	42	56	70	6
65C	Bryant-Sutley silt loams, 6 to 9 percent slopes	Bryant	45	122	163	193	216	0
				76	113	144	171	1
				55	82	110	134	2
				43	65	86	108	3
				35	53	71	89	4
				30	45	60	75	5
				26	39	52	65	6
65C	Bryant-Sutley silt loams, 6 to 9 percent slopes	Sutley	40	173	228	268	298	0
				93	139	182	218	1
				63	95	127	158	2
				48	72	96	120	3
				39	58	78	97	4
				32	49	65	81	5
				28	42	56	70	6
65D	Sutley-Linton silt loams, 9 to 15 percent slopes	Sutley	45	173	228	268	298	0
				93	139	182	218	1
				63	95	127	158	2
				48	72	96	120	3
				39	58	78	97	4
				32	49	65	81	5
				28	42	56	70	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
65D	Sutley-Linton silt loams, 9 to 15 percent slopes	Linton	40	164	217	255	284	0
				90	135	176	211	1
				62	93	124	155	2
				47	71	95	118	3
				38	57	77	96	4
				32	48	64	80	5
				28	42	55	69	6
66	Arveson fine sandy loam	Arveson	85	266	347	405	449	0
				114	171	228	281	1
				73	109	145	182	2
				53	80	107	133	3
				42	63	84	105	4
				35	52	70	87	5
				30	44	59	74	6
67A	Farnuf loam, 0 to 3 percent slopes	Farnuf	85	119	159	188	211	0
				74	112	142	168	1
				54	81	109	133	2
				43	64	85	107	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
67B	Farnuf loam, 3 to 6 percent slopes	Farnuf	85	119	159	188	211	0
				74	112	142	168	1
				54	81	109	133	2
				43	64	85	107	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
68A	Bryant-Grassna silt loams, 0 to 3 percent slopes	Bryant	45	122	163	193	216	0
				76	113	144	171	1
				55	82	110	134	2
				43	65	86	108	3
				35	53	71	89	4
				30	45	60	75	5
				26	39	52	65	6
68A	Bryant-Grassna silt loams, 0 to 3 percent slopes	Grassna	40	118	158	187	209	0
				74	111	141	167	1
				54	81	108	132	2
				43	64	85	106	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
68B	Bryant silt loam, 3 to 6 percent slopes	Bryant	90	122	163	193	216	0
				76	113	144	171	1
				55	82	110	134	2
				43	65	86	108	3
				35	53	71	89	4
				30	45	60	75	5
				26	39	52	65	6
68C	Bryant silt loam, 6 to 9 percent slopes	Bryant	85	122	163	193	216	0
				76	113	144	171	1
				55	82	110	134	2
				43	65	86	108	3
				35	53	71	89	4
				30	45	60	75	5
				26	39	52	65	6
71	Ranslo-Harriet silt loams	Ranslo	55	29	162	192	215	0
				25	70	127	171	1
				22	44	81	117	2
				20	32	59	86	3
				18	28	47	68	4
				17	25	39	56	5
				16	23	33	48	6
71	Ranslo-Harriet silt loams	Harriet	30	29	118	141	158	0
				25	62	109	133	1
				22	42	74	106	2
				20	32	56	81	3
				18	28	45	65	4
				17	25	38	54	5
				16	23	33	47	6
72	Straw loam, channeled	Straw	85	29	126	151	170	0
				25	64	113	141	1
				22	43	76	109	2
				20	32	57	82	3
				18	28	46	66	4
				17	25	38	55	5
				16	23	33	47	6
74A	Savage silt loam, 0 to 3 percent slopes	Savage	85	68	93	112	127	0
				50	74	94	110	1
				40	60	78	95	2
				34	50	67	82	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
74B	Savage silt loam, 3 to 6 percent slopes	Savage	90	68	93	112	127	0
				50	74	94	110	1
				40	60	78	95	2
				34	50	67	82	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
77	Pits, gravel	Orthents	99	553	711	824	910	0
				147	220	294	367	1
				85	127	169	212	2
				59	89	119	149	3
				46	69	92	115	4
				37	56	75	93	5
				31	47	63	79	6
80	Ranslo silt loam	Ranslo	90	121	162	192	215	0
				75	113	144	171	1
				55	82	110	134	2
				43	65	86	108	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
***NOTE:**	The following soils have a barrier layer less than eight (8) feet and must be calculated using a different method.							
11	Capa-Slickspots complex, 0 to 6 percent slopes	Slickspots	35	barrier	barrier	barrier	barrier	
32F	Flasher loamy fine sand, 25 to 50 percent slopes	Flasher	90	barrier	barrier	barrier	barrier	
39E	Sansarc-Opal clays, 15 to 40 percent slopes	Sansarc	50	barrier	barrier	barrier	barrier	
39E	Sansarc-Opal clays, 15 to 40 percent slopes	Opal	35	barrier	barrier	barrier	barrier	
40B	Opal clay, 3 to 6 percent slopes	Opal	90	barrier	barrier	barrier	barrier	
40C	Opal clay, 6 to 9 percent slopes	Opal	85	barrier	barrier	barrier	barrier	
40D	Opal-Sansarc clays, 6 to 15 percent slopes	Opal	55	barrier	barrier	barrier	barrier	
40D	Opal-Sansarc clays, 6 to 15 percent slopes	Sansarc	30	barrier	barrier	barrier	barrier	
41C	Promise-Opal clays, 6 to 9 percent slopes	Opal	35	barrier	barrier	barrier	barrier	

South Dakota Lateral Effect Tables for Charles Mix County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
AaA	Agar silt loam, 0 to 2 percent slopes	Agar	90	109	146	174	195	0
				71	106	134	158	1
				52	78	104	126	2
				41	62	83	103	3
				34	51	69	86	4
				29	44	59	73	5
				26	38	51	64	6
AaB	Agar silt loam, 2 to 6 percent slopes	Agar	90	109	146	174	195	0
				71	106	134	158	1
				52	78	104	126	2
				41	62	83	103	3
				34	51	69	86	4
				29	44	59	73	5
				26	38	51	64	6
AaC	Agar silt loam, 6 to 9 percent slopes	Agar	85	109	146	174	195	0
				71	106	134	158	1
				52	78	104	126	2
				41	62	83	103	3
				34	51	69	86	4
				29	44	59	73	5
				26	38	51	64	6
Ab	Albaton silty clay	Albaton	85	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
An	Albaton silty clay, depressional	Albaton	95	60	83	100	114	0
				46	67	85	100	1
				38	56	73	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
Ao	Aowa silty clay loam	Aowa	90	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
Ar	Arlo silt loam, wet	Arlo	95	305	396	461	511	0
				121	181	242	302	1
				75	113	151	188	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				55	82	109	137	3
				43	64	86	107	4
				35	53	71	88	5
				30	45	60	75	6
AsA	Arlo-Enet loams, 0 to 2 percent slopes	Arlo	45	165	218	256	286	0
				90	136	177	212	1
				62	93	125	156	2
				47	71	95	119	3
				38	58	77	96	4
				32	48	64	80	5
				28	42	55	69	6
AsA	Arlo-Enet loams, 0 to 2 percent slopes	Enet	35	503	648	751	830	0
				143	215	286	358	1
				83	125	167	209	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
BbC	Beadle-Eakin complex, 6 to 9 percent slopes	Beadle	50	43	61	75	86	0
				35	52	66	77	1
				30	45	58	70	2
				26	39	51	63	3
				23	35	46	56	4
				21	31	41	51	5
				19	28	38	47	6
BbC	Beadle-Eakin complex, 6 to 9 percent slopes	Eakin	35	75	102	123	139	0
				55	80	102	119	1
				43	64	84	101	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
BcA	Beadle-Jerauld complex, 0 to 4 percent slopes	Beadle	55	43	61	75	86	0
				35	52	66	77	1
				30	45	58	70	2
				26	39	51	63	3
				23	35	46	56	4
				21	31	41	51	5
				19	28	38	47	6
BcA	Beadle-Jerauld complex, 0 to 4 percent slopes	Jerauld	30	59	82	100	113	0
				46	67	85	100	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				24	36	48	60	5
				21	32	43	53	6
BdF	Betts loam, 25 to 40 percent slopes	Betts	85	41	59	72	83	0
				34	50	64	75	1
				29	43	57	67	2
				25	38	50	61	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6
BeE	Betts-Ethan loams, 9 to 25 percent slopes	Betts	45	41	59	72	83	0
				34	50	64	75	1
				29	43	57	67	2
				25	38	50	61	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6
BeE	Betts-Ethan loams, 9 to 25 percent slopes	Ethan	35	49	68	83	95	0
				39	57	72	85	1
				33	49	63	75	2
				28	42	55	68	3
				25	37	49	60	4
				22	33	44	54	5
				20	30	40	50	6
Bn	Bon silt loam	Bon	85	108	145	172	193	0
				70	105	133	157	1
				52	78	104	126	2
				41	62	82	103	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	64	6
Bo	Bon silt loam, channeled	Bon	85	104	139	166	186	0
				68	103	129	152	1
				51	76	102	123	2
				41	61	81	102	3
				34	51	68	84	4
				29	43	58	72	5
				25	38	50	63	6
BsD	Boyd-Sansarc complex, 6 to 15 percent slopes	Boyd	55	37	barrier	barrier	barrier	0
				31	barrier	barrier	barrier	1
				27	barrier	barrier	barrier	2
				24	barrier	barrier	barrier	3
				21	barrier	barrier	barrier	4
				19	barrier	barrier	barrier	5
				18	barrier	barrier	barrier	6
BsD	Boyd-Sansarc complex, 6 to 15 percent slopes	Sansarc	35	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
CeB	Clarno-Ethan loams, 2 to 6 percent slopes	Clarno	55	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
CeB	Clarno-Ethan loams, 2 to 6 percent slopes	Ethan	25	49	68	83	95	0
				39	57	72	85	1
				33	49	63	75	2
				28	42	55	68	3
				25	37	49	60	4
				22	33	44	54	5
				20	30	40	50	6
CeC	Clarno-Ethan loams, 6 to 9 percent slopes	Clarno	55	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
CeC	Clarno-Ethan loams, 6 to 9 percent slopes	Ethan	30	49	68	83	95	0
				39	57	72	85	1
				33	49	63	75	2
				28	42	55	68	3
				25	37	49	60	4
				22	33	44	54	5
				20	30	40	50	6
Da	DeGrey-Jerauld silt loams	DeGrey	50	68	94	113	128	0
				51	75	95	111	1
				40	61	79	96	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
Da	DeGrey-Jerauld silt loams	Jerauld	30	59	82	100	113	0
				46	67	85	100	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Db	DeGrey-Walke silt loams	DeGrey	45	68	94	113	128	0
				51	75	95	111	1
				40	61	79	96	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
Db	DeGrey-Walke silt loams	Walke	35	79	108	130	146	0
				57	84	106	125	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
DmC	Delmont-Talmo complex, 2 to 9 percent slopes	Delmont	50	495	638	740	818	0
				142	214	285	356	1
				83	125	166	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
DmC	Delmont-Talmo complex, 2 to 9 percent slopes	Talmo	30	462	596	691	764	0
				140	209	279	349	1
				82	123	164	206	2
				58	87	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
DnA	Dorna silt loam, 0 to 4 percent slopes	Dorna	85	121	161	191	214	0
				75	113	144	170	1
				55	82	110	134	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
Du	Durrstein silt loam	Durrstein	90	48	67	82	94	0
				39	56	71	84	1
				32	49	62	75	2
				28	42	55	67	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
EaA	Eakin silt loam, 0 to 2 percent slopes	Eakin	85	75	102	123	139	0
				55	80	102	119	1
				43	64	84	101	2
				35	53	71	86	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
EbB	Eakin-Beadle complex, 2 to 6 percent slopes	Eakin	45	75	102	123	139	0
				55	80	102	119	1
				43	64	84	101	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
EbB	Eakin-Beadle complex, 2 to 6 percent slopes	Beadle	40	43	61	75	86	0
				35	52	66	77	1
				30	45	58	70	2
				26	39	51	63	3
				23	35	46	56	4
				21	31	41	51	5
				19	28	38	47	6
EdA	Eakin-DeGrey silt loams, 0 to 4 percent slopes	Eakin	55	75	102	123	139	0
				55	80	102	119	1
				43	64	84	101	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
EdA	Eakin-DeGrey silt loams, 0 to 4 percent slopes	DeGrey	25	68	94	113	128	0
				51	75	95	111	1
				40	61	79	96	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
EeB	Eakin-Ethan complex, 2 to 6 percent slopes	Eakin	55	75	102	123	139	0
				55	80	102	119	1
				43	64	84	101	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
EeB	Eakin-Ethan complex, 2 to 6 percent slopes	Ethan	25	49	68	83	95	0
				39	57	72	85	1
				33	49	63	75	2
				28	42	55	68	3
				25	37	49	60	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				22	33	44	54	5
				20	30	40	50	6
EeC	Eakin-Ethan complex, 6 to 9 percent slopes	Eakin	50	75	102	123	139	0
				55	80	102	119	1
				43	64	84	101	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
EeC	Eakin-Ethan complex, 6 to 9 percent slopes	Ethan	30	49	68	83	95	0
				39	57	72	85	1
				33	49	63	75	2
				28	42	55	68	3
				25	37	49	60	4
				22	33	44	54	5
				20	30	40	50	6
EmA	Enet loam, 0 to 2 percent slopes	Enet	90	503	648	751	830	0
				143	215	286	358	1
				83	125	167	209	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
EnC	Enet-Delmont loams, 2 to 9 percent slopes	Enet	50	503	648	751	830	0
				143	215	286	358	1
				83	125	167	209	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
EnC	Enet-Delmont loams, 2 to 9 percent slopes	Delmont	35	495	638	740	818	0
				142	214	285	356	1
				83	125	166	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
EtD	Ethan-Clarno loams, 9 to 15 percent slopes	Ethan	45	49	68	83	95	0
				39	57	72	85	1
				33	49	63	75	2
				28	42	55	68	3
				25	37	49	60	4
				22	33	44	54	5
				20	30	40	50	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
EtD	Ethan-Clarno loams, 9 to 15 percent slopes	Clarno	40	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
EuC	Ethan-Homme complex, 6 to 9 percent slopes	Ethan	70	49	68	83	95	0
				39	57	72	85	1
				33	49	63	75	2
				28	42	55	68	3
				25	37	49	60	4
				22	33	44	54	5
				20	30	40	50	6
EuC	Ethan-Homme complex, 6 to 9 percent slopes	Homme	20	65	89	108	122	0
				49	72	91	107	1
				39	59	76	92	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
GsE	Gavins-Sansarc complex, 15 to 25 percent slopes	Gavins	70	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
GsE	Gavins-Sansarc complex, 15 to 25 percent slopes	Sansarc	20	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
Gv	Graceville silt loam	Graceville	90	312	405	472	523	0
				122	183	244	305	1
				76	114	151	189	2
				55	82	110	137	3
				43	65	86	108	4
				35	53	71	89	5
				30	45	60	75	6
HaA	Hand loam, 0 to 2 percent slopes	Hand	85	86	117	139	157	0
				60	89	113	132	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
Hb	Haynie silt loam	Haynie	90	176	232	272	303	0
				94	140	185	221	1
				64	96	128	159	2
				48	73	97	121	3
				39	58	78	97	4
				33	49	65	81	5
				28	42	56	70	6
Hc	Haynie variant silt loam	Haynie	90	154	204	241	268	0
				87	131	169	203	1
				61	91	121	152	2
				47	70	93	116	3
				38	57	75	94	4
				32	48	64	79	5
				27	41	55	69	6
HeB	Henkin loam, 2 to 6 percent slopes	Henkin	90	118	158	187	209	0
				74	111	141	167	1
				54	81	108	132	2
				43	64	85	106	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
HgA	Highmore silt loam, 0 to 2 percent slopes	Highmore	85	61	84	101	115	0
				47	68	86	101	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
HhB	Highmore-Eakin silt loams, 2 to 6 percent slopes	Highmore	50	61	84	101	115	0
				47	68	86	101	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
HhB	Highmore-Eakin silt loams, 2 to 6 percent slopes	Eakin	25	75	102	123	139	0
				55	80	102	119	1
				43	64	84	101	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				23	35	46	58	6
HlA	Highmore-Walke silt loams, 0 to 2 percent slopes	Highmore	60	61	84	101	115	0
				47	68	86	101	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
HlA	Highmore-Walke silt loams, 0 to 2 percent slopes	Walke	25	79	108	130	146	0
				57	84	106	125	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
HmB	Homme-Ethan-Onita complex, 1 to 6 percent slopes	Homme	40	65	89	108	122	0
				49	72	91	107	1
				39	59	76	92	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
HmB	Homme-Ethan-Onita complex, 1 to 6 percent slopes	Ethan	30	49	68	83	95	0
				39	57	72	85	1
				33	49	63	75	2
				28	42	55	68	3
				25	37	49	60	4
				22	33	44	54	5
				20	30	40	50	6
HmB	Homme-Ethan-Onita complex, 1 to 6 percent slopes	Onita	15	81	111	133	150	0
				58	85	108	127	1
				45	67	88	107	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
HoA	Homme-Onita silty clay loams, 0 to 2 percent slopes	Homme	60	65	89	108	122	0
				49	72	91	107	1
				39	59	76	92	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
HoA	Homme-Onita silty clay loams, 0 to 2 percent slopes	Onita	30	81	111	133	150	0
				58	85	108	127	1
				45	67	88	107	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
HoB	Homme-Onita silty clay loams, 1 to 6 percent slopes	Homme	60	65	89	108	122	0
				49	72	91	107	1
				39	59	76	92	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
HoB	Homme-Onita silty clay loams, 1 to 6 percent slopes	Onita	25	81	111	133	150	0
				58	85	108	127	1
				45	67	88	107	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
HuA	Houdek loam, 0 to 2 percent slopes	Houdek	85	57	80	96	110	0
				44	65	83	96	1
				36	54	71	85	2
				31	46	61	75	3
				27	40	53	66	4
				24	35	47	59	5
				21	32	42	53	6
HuB	Houdek loam, 2 to 6 percent slopes	Houdek	85	57	80	96	110	0
				44	65	83	96	1
				36	54	71	85	2
				31	46	61	75	3
				27	40	53	66	4
				24	35	47	59	5
				21	32	42	53	6
Hv	Hoven silt loam	Hoven	85	78	107	128	145	0
				56	83	105	123	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
InB	Inavale fine sand, 2 to 6 percent slopes	Inavale	80	302	392	457	506	0
				120	180	241	301	1
				75	113	150	188	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				55	82	109	137	3
				43	64	86	107	4
				35	53	71	88	5
				30	45	60	75	6
InB	Inavale fine sand, 2 to 6 percent slopes	Norway	20	317	411	479	531	0
				123	184	245	307	1
				76	114	152	190	2
				55	83	110	138	3
				43	65	86	108	4
				36	53	71	89	5
				30	45	60	75	6
IvA	Inavale loamy fine sand, 0 to 6 percent slopes	Inavale	90	176	232	273	304	0
				94	140	185	221	1
				64	96	128	159	2
				48	73	97	121	3
				39	58	78	97	4
				33	49	65	81	5
				28	42	56	70	6
Ix	Norway loamy fine sand	Norway	90	317	411	479	531	0
				123	184	245	307	1
				76	114	152	190	2
				55	83	110	138	3
				43	65	86	108	4
				36	53	71	89	5
				30	45	60	75	6
LaA	Lane silty clay loam, 0 to 2 percent slopes	Lane	90	67	92	111	126	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
LaB	Lane silty clay loam, 2 to 6 percent slopes	Lane	90	67	92	111	126	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
LoA	Lowry silt loam, 0 to 2 percent slopes	Lowry	85	152	201	237	265	0
				86	130	168	201	1
				60	90	121	151	2
				46	70	93	116	3
				38	56	75	94	4
				32	48	63	79	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				27	41	55	68	6
LoB	Lowry silt loam, 2 to 6 percent slopes	Lowry	85	152	201	237	265	0
				86	130	168	201	1
				60	90	121	151	2
				46	70	93	116	3
				38	56	75	94	4
				32	48	63	79	5
				27	41	55	68	6
LoC	Lowry silt loam, 6 to 9 percent slopes	Lowry	85	152	202	238	265	0
				86	130	168	201	1
				60	90	121	151	2
				46	70	93	116	3
				38	56	75	94	4
				32	48	63	79	5
				27	41	55	68	6
LrF	Lowry-Gavins silt loams, 6 to 40 percent slopes	Lowry	55	152	201	237	265	0
				86	130	168	201	1
				60	90	121	151	2
				46	70	93	116	3
				38	56	75	94	4
				32	48	63	79	5
				27	41	55	68	6
LrF	Lowry-Gavins silt loams, 6 to 40 percent slopes	Gavins	30	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
LsD	Lowry-Sully silt loams, 9 to 15 percent slopes	Lowry	55	152	201	237	265	0
				86	130	168	201	1
				60	90	121	151	2
				46	70	93	116	3
				38	56	75	94	4
				32	48	63	79	5
				27	41	55	68	6
LsD	Lowry-Sully silt loams, 9 to 15 percent slopes	Sully	30	121	162	192	215	0
				75	113	144	171	1
				55	82	110	134	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
MeE	Meadin loam, 15 to 30 percent slopes	Meadin	90	384	497	577	639	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				132	197	263	329	1
				79	119	159	198	2
				57	85	114	142	3
				44	66	88	111	4
				36	54	72	91	5
				31	46	61	77	6
Mo	Mobridge silt loam	Mobridge	90	111	149	177	198	0
				71	107	136	160	1
				53	79	105	128	2
				42	62	83	104	3
				34	52	69	86	4
				29	44	59	74	5
				26	38	51	64	6
Mu	Munjor fine sandy loam	Munjor	90	229	300	351	390	0
				107	160	214	258	1
				70	104	139	174	2
				52	77	103	129	3
				41	62	82	103	4
				34	51	68	85	5
				29	44	58	73	6
OeF	Okaton silty clay, 15 to 40 percent slopes	Okaton	90	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
Oh	Onawa fine sandy loam, overwash	Onawa	90	62	86	103	117	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
Om	Onawa silty clay	Onawa	90	65	90	108	122	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
On	Onita silt loam, 0 to 2 percent slopes	Onita	85	91	123	147	165	0
				63	93	117	138	1
				48	71	95	114	2
				38	58	77	95	3
				32	48	65	81	4
				28	42	56	69	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				24	37	49	61	6
Oo	Onita-Davison complex	Onita	50	82	112	134	151	0
				58	86	109	128	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6
Oo	Onita-Davison complex	Davison	35	84	115	137	155	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
Os	Onita-Hoven silt loams	Onita	60	91	123	147	165	0
				63	93	117	138	1
				48	71	95	114	2
				38	58	77	95	3
				32	48	65	81	4
				28	42	56	69	5
				24	37	49	61	6
Os	Onita-Hoven silt loams	Hoven	25	80	109	130	147	0
				57	84	107	125	1
				44	67	87	106	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
Ot	Onita-Tetonka silt loams	Onita	55	91	123	147	165	0
				63	93	117	138	1
				48	71	95	114	2
				38	58	77	95	3
				32	48	65	81	4
				28	42	56	69	5
				24	37	49	61	6
Ot	Onita-Tetonka silt loams	Tetonka	25	87	118	141	159	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
PoA	Promise silty clay, 0 to 2 percent slopes	Promise	90	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
PoB	Promise silty clay, 2 to 6 percent slopes	Promise	90	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
Pr	Prosper loam	Prosper	90	65	90	109	123	0
				49	72	92	108	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
Sa	Salmo silty clay loam	Salmo	85	67	92	111	126	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
Sm	Salmo-Napa complex	Salmo	50	67	92	111	126	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
Sm	Salmo-Napa complex	Napa	35	74	101	122	138	0
				54	80	101	118	1
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	34	46	57	6
SnF	Sansarc clay, 25 to 70 percent slopes	Sansarc	85	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
SoF	Sansarc-Boyd complex, 15 to 40 percent slopes	Sansarc	50	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
SoF	Sansarc-Boyd complex, 15 to 40 percent slopes	Boyd	30	37	barrier	barrier	barrier	0
				31	barrier	barrier	barrier	1
				27	barrier	barrier	barrier	2
				24	barrier	barrier	barrier	3
				21	barrier	barrier	barrier	4
				19	barrier	barrier	barrier	5
				18	barrier	barrier	barrier	6
SrF	Sansarc-Rock outcrop complex, 15 to 40 percent slopes	Sansarc	55	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
SuE	Sully silt loam, 9 to 25 percent slopes	Sully	80	121	162	192	215	0
				75	113	144	171	1
				55	82	110	134	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
TaC	Talmo gravelly sandy loam, 2 to 9 percent slopes	Talmo	100	348	451	524	580	0
				127	191	254	318	1
				78	117	155	194	2
				56	84	112	140	3
				44	66	87	109	4
				36	54	72	90	5
				30	46	61	76	6
TbE	Talmo-Betts complex, 9 to 25 percent slopes	Talmo	70	462	596	691	764	0
				140	209	279	349	1
				82	123	164	206	2
				58	87	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
TbE	Talmo-Betts complex, 9 to 25 percent slopes	Betts	20	53	74	90	102	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
Te	Tetonka silt loam	Tetonka	90	87	118	141	159	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
Tn	Tetonka-Chancellor silty clay loams	Tetonka	55	75	103	124	140	0
				55	80	102	120	1
				43	64	84	102	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
Tn	Tetonka-Chancellor silty clay loams	Chancellor	25	66	91	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
Wd	Wendte variant silty clay	Wendte	90	67	92	111	126	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
Wo	Worthing silty clay loam	Worthing	85	55	76	93	105	0
				43	63	79	94	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
Wp	Worthing silty clay loam, ponded	Worthing	100	62	85	103	117	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6

South Dakota Lateral Effect Tables for Clark County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Aa	Aastad loam	Aastad	90	41	58	71	81	0
				34	50	63	74	1
				29	43	56	67	2
				25	38	50	60	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6
At	Aastad-Tonka complex	Aastad	65	41	58	71	81	0
				34	50	63	74	1
				29	43	56	67	2
				25	38	50	60	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6
At	Aastad-Tonka complex	Tonka	25	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
Ba	Badger-Tonka silty clay loams	Badger	65	74	101	121	137	0
				54	80	101	118	1
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	34	46	57	6
Ba	Badger-Tonka silty clay loams	Tonka	25	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
BbB	Barnes-Buse loams, 2 to 6 percent slopes	Barnes	55	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
BbB	Barnes-Buse loams, 2 to 6 percent slopes	Buse	35	37	53	65	75	0
				31	46	58	68	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				27	40	52	62	2
				24	36	47	57	3
				21	32	42	52	4
				19	29	38	47	5
				18	26	35	43	6
BbC	Barnes-Buse loams, 6 to 9 percent slopes	Barnes	55	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
BbC	Barnes-Buse loams, 6 to 9 percent slopes	Buse	35	37	53	65	75	0
				31	46	58	68	1
				27	40	52	62	2
				24	36	47	57	3
				21	32	42	52	4
				19	29	38	47	5
				18	26	35	43	6
BcB	Barnes-Buse-Svea loams, 1 to 6 percent slopes	Barnes	40	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
BcB	Barnes-Buse-Svea loams, 1 to 6 percent slopes	Buse	30	37	53	65	75	0
				31	46	58	68	1
				27	40	52	62	2
				24	36	47	57	3
				21	32	42	52	4
				19	29	38	47	5
				18	26	35	43	6
BcB	Barnes-Buse-Svea loams, 1 to 6 percent slopes	Svea	20	83	113	135	153	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
BcC	Barnes-Buse-Svea loams, 2 to 9 percent slopes	Barnes	40	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
BcC	Barnes-Buse-Svea loams, 2 to 9 percent slopes	Buse	35	37	53	65	75	0
				31	46	58	68	1
				27	40	52	62	2
				24	36	47	57	3
				21	32	42	52	4
				19	29	38	47	5
				18	26	35	43	6
BcC	Barnes-Buse-Svea loams, 2 to 9 percent slopes	Svea	15	83	113	135	153	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
BdA	Barnes-Svea loams, 0 to 2 percent slopes	Barnes	50	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
BdA	Barnes-Svea loams, 0 to 2 percent slopes	Svea	40	83	113	135	153	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
BdB	Barnes-Svea loams, 1 to 6 percent slopes	Barnes	65	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
BdB	Barnes-Svea loams, 1 to 6 percent slopes	Svea	25	83	113	135	153	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
BeA	Beadle loam, 0 to 2 percent slopes	Beadle	85	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
BeB	Beadle loam, 2 to 6 percent slopes	Beadle	85	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
BeC	Beadle loam, 6 to 9 percent slopes	Beadle	80	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
BfA	Beadle-Dudley complex, 0 to 2 percent slopes	Beadle	55	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
BfA	Beadle-Dudley complex, 0 to 2 percent slopes	Dudley	35	84	114	137	154	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
BkD	Betts-Ethan loams, 9 to 20 percent slopes	Betts	40	57	79	95	108	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
BkD	Betts-Ethan loams, 9 to 20 percent slopes	Ethan	40	54	75	91	104	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
BmA	Blendon fine sandy loam, 0 to 2 percent slopes	Blendon	85	197	259	303	337	0
				99	149	198	236	1
				66	99	133	166	2
				50	75	100	125	3
				40	60	80	100	4
				33	50	66	83	5
				29	43	57	71	6
Bn	Bon loam	Bon	85	92	124	148	166	0
				63	94	118	139	1
				48	72	95	115	2
				39	58	77	96	3
				32	49	65	81	4
				28	42	56	70	5
				24	37	49	61	6
Bo	Bon loam, channeled	Bon	85	92	124	148	166	0
				63	94	118	139	1
				48	72	95	115	2
				39	58	77	96	3
				32	49	65	81	4
				28	42	56	70	5
				24	37	49	61	6
BrD	Buse-Barnes loams, 9 to 20 percent slopes	Buse	50	37	53	65	75	0
				31	46	58	68	1
				27	40	52	62	2
				24	36	47	57	3
				21	32	42	52	4
				19	29	38	47	5
				18	26	35	43	6
BrD	Buse-Barnes loams, 9 to 20 percent slopes	Barnes	40	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
BsE	Buse-Barnes loams, 9 to 40 percent slopes, very stony	Buse	50	37	53	65	75	0
				31	46	58	68	1
				27	40	52	62	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				24	36	47	57	3
				21	32	42	52	4
				19	29	38	47	5
				18	26	35	43	6
BsE	Buse-Barnes loams, 9 to 40 percent slopes, very stony	Barnes	40	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
BuE	Buse-La Prairie, channeled-Barnes loams, 0 to 40 percent slopes	Buse	35	37	53	65	75	0
				31	46	58	68	1
				27	40	52	62	2
				24	36	47	57	3
				21	32	42	52	4
				19	29	38	47	5
				18	26	35	43	6
BuE	Buse-La Prairie, channeled-Barnes loams, 0 to 40 percent slopes	La Prairie	30	67	92	111	125	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
BuE	Buse-La Prairie, channeled-Barnes loams, 0 to 40 percent slopes	Barnes	25	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
ByE	Buse-Langhei complex, 15 to 40 percent slopes	Buse	55	37	53	65	75	0
				31	46	58	68	1
				27	40	52	62	2
				24	36	47	57	3
				21	32	42	52	4
				19	29	38	47	5
				18	26	35	43	6
ByE	Buse-Langhei complex, 15 to 40 percent slopes	Langhei	35	34	49	60	70	0
				29	43	54	64	1
				25	38	49	58	2
				23	34	44	53	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				20	30	40	49	4
				18	28	37	45	5
				17	25	34	42	6
BzE	Buse-Sioux complex, 9 to 40 percent slopes	Buse	55	37	53	65	75	0
				31	46	58	68	1
				27	40	52	62	2
				24	36	47	57	3
				21	32	42	52	4
				19	29	38	47	5
				18	26	35	43	6
BzE	Buse-Sioux complex, 9 to 40 percent slopes	Sioux	35	314	408	475	526	0
				122	183	244	305	1
				76	114	152	190	2
				55	82	110	137	3
				43	65	86	108	4
				35	53	71	89	5
				30	45	60	75	6
Ca	Cavour-Ferney loams	Cavour	55	68	93	112	127	0
				51	74	94	110	1
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
Ca	Cavour-Ferney loams	Ferney	35	48	67	82	94	0
				39	56	71	84	1
				32	49	62	75	2
				28	42	55	67	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
CbA	Clarno-Bonilla loams, 0 to 2 percent slopes	Clarno	60	60	82	100	113	0
				46	67	85	100	1
				38	56	72	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
CbA	Clarno-Bonilla loams, 0 to 2 percent slopes	Bonilla	30	89	121	144	163	0
				62	92	116	136	1
				47	71	93	113	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				24	36	49	61	6
CbB	Clarno-Bonilla loams, 1 to 6 percent slopes	Clarno	65	60	82	100	113	0
				46	67	85	100	1
				38	56	72	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
CbB	Clarno-Bonilla loams, 1 to 6 percent slopes	Bonilla	25	89	121	144	163	0
				62	92	116	136	1
				47	71	93	113	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
CeB	Clarno-Ethan-Bonilla loams, 1 to 6 percent slopes	Clarno	40	60	82	100	113	0
				46	67	85	100	1
				38	56	72	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
CeB	Clarno-Ethan-Bonilla loams, 1 to 6 percent slopes	Bonilla	25	89	121	144	163	0
				62	92	116	136	1
				47	71	93	113	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
CeB	Clarno-Ethan-Bonilla loams, 1 to 6 percent slopes	Ethan	25	54	75	91	104	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
CeC	Clarno-Ethan-Bonilla loams, 2 to 9 percent slopes	Clarno	40	60	82	100	113	0
				46	67	85	100	1
				38	56	72	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
CeC	Clarno-Ethan-Bonilla loams, 2 to 9 percent slopes	Ethan	30	54	75	91	104	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
CeC	Clarno-Ethan-Bonilla loams, 2 to 9 percent slopes	Bonilla	20	89	121	144	163	0
				62	92	116	136	1
				47	71	93	113	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
Co	Colvin silty clay loam	Colvin	90	82	112	134	151	0
				58	86	109	128	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6
Cr	Cresbard-Cavour loams	Cresbard	55	66	91	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
Cr	Cresbard-Cavour loams	Cavour	35	68	93	112	127	0
				51	74	94	110	1
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
Ct	Crossplain-Tetonka complex	Crossplain	60	49	69	84	96	0
				39	58	73	86	1
				33	49	64	76	2
				28	42	56	68	3
				25	37	49	61	4
				22	33	44	55	5
				20	30	40	50	6
Ct	Crossplain-Tetonka complex	Tetonka	25	86	117	140	157	0
				60	89	113	133	1
				46	69	91	110	2
				38	56	75	93	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
Cu	Cubden silty clay loam	Cubden	90	66	91	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
Cv	Cubden-Badger silty clay loams	Cubden	55	66	91	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
Cv	Cubden-Badger silty clay loams	Badger	35	74	101	121	137	0
				54	80	101	118	1
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	34	46	57	6
Cw	Cubden-Tonka silty clay loams	Cubden	55	66	91	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
Cw	Cubden-Tonka silty clay loams	Tonka	30	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
Da	Davison-Crossplain complex	Davison	60	83	113	136	153	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
Da	Davison-Crossplain complex	Crossplain	25	49	69	84	96	0
				39	58	73	86	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				33	49	64	76	2
				28	42	56	68	3
				25	37	49	61	4
				22	33	44	55	5
				20	30	40	50	6
DeA	Delmont-Enet loams, 0 to 2 percent slopes	Delmont	50	190	250	293	326	0
				97	146	194	231	1
				66	98	131	164	2
				49	74	99	123	3
				40	59	79	99	4
				33	50	66	83	5
				28	43	57	71	6
DeA	Delmont-Enet loams, 0 to 2 percent slopes	Enet	40	541	696	807	891	0
				146	219	292	365	1
				84	127	169	211	2
				59	89	119	148	3
				46	69	92	114	4
				37	56	74	93	5
				31	47	63	78	6
DeB	Delmont-Enet loams, 2 to 6 percent slopes	Delmont	55	190	250	293	326	0
				97	146	194	231	1
				66	98	131	164	2
				49	74	99	123	3
				40	59	79	99	4
				33	50	66	83	5
				28	43	57	71	6
DeB	Delmont-Enet loams, 2 to 6 percent slopes	Enet	35	541	696	807	891	0
				146	219	292	365	1
				84	127	169	211	2
				59	89	119	148	3
				46	69	92	114	4
				37	56	74	93	5
				31	47	63	78	6
Dm	Dimo loam	Dimo	85	270	352	411	456	0
				115	172	230	284	1
				73	109	146	182	2
				53	80	107	134	3
				42	63	84	105	4
				35	52	70	87	5
				30	45	59	74	6
Dv	Divide loam	Divide	90	441	569	661	730	0
				138	206	275	344	1
				82	122	163	204	2
				58	87	116	145	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				45	67	90	112	4
				37	55	73	92	5
				31	46	62	77	6
Dx	Dudley-Jerauld silt loams	Dudley	55	84	114	137	154	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
Dx	Dudley-Jerauld silt loams	Jerauld	35	58	80	97	111	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
Dy	Durrstein silt loam	Durrstein	85	60	83	101	115	0
				46	67	86	101	1
				38	56	73	88	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
EgA	Egeland-Embden complex, 0 to 2 percent slopes	Egeland	45	161	213	251	279	0
				89	134	174	209	1
				62	93	123	154	2
				47	71	94	118	3
				38	57	76	95	4
				32	48	64	80	5
				28	41	55	69	6
EgA	Egeland-Embden complex, 0 to 2 percent slopes	Embden	45	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
EgB	Egeland-Embden complex, 2 to 6 percent slopes	Egeland	50	161	213	251	279	0
				89	134	174	209	1
				62	93	123	154	2
				47	71	94	118	3
				38	57	76	95	4
				32	48	64	80	5
				28	41	55	69	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
EgB	Egeland-Embden complex, 2 to 6 percent slopes	Embden	40	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
EoD	Ethan-Bon, channeled, loams, 0 to 20 percent slopes	Ethan	55	54	75	91	104	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
EoD	Ethan-Bon, channeled, loams, 0 to 20 percent slopes	Bon	30	92	124	148	166	0
				63	94	118	139	1
				48	72	95	115	2
				39	58	77	96	3
				32	49	65	81	4
				28	42	56	70	5
				24	37	49	61	6
Fa	Farmsworth-Durrstein silt loams	Farmsworth	50	111	149	177	199	0
				71	107	136	160	1
				53	79	105	128	2
				42	62	83	104	3
				34	52	69	86	4
				29	44	59	74	5
				26	38	51	64	6
Fa	Farmsworth-Durrstein silt loams	Durrstein	35	60	83	101	115	0
				46	67	86	101	1
				38	56	73	88	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
FdA	Fordville loam, 0 to 2 percent slopes	Fordville	95	171	225	265	295	0
				92	138	181	216	1
				63	95	126	158	2
				48	72	96	120	3
				39	58	77	97	4
				32	49	65	81	5
				28	42	56	70	6
FmA	Forman-Aastad loams, 0 to 3 percent slopes	Forman	65	65	90	108	123	0
				49	72	92	107	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
FmA	Forman-Aastad loams, 0 to 3 percent slopes	Aastad	25	41	58	71	81	0
				34	50	63	74	1
				29	43	56	67	2
				25	38	50	60	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6
FmB	Forman-Aastad loams, 1 to 6 percent slopes	Forman	65	65	90	108	123	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
FmB	Forman-Aastad loams, 1 to 6 percent slopes	Aastad	25	41	58	71	81	0
				34	50	63	74	1
				29	43	56	67	2
				25	38	50	60	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6
FnB	Forman-Buse-Aastad loams, 1 to 6 percent slopes	Forman	35	65	90	108	123	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
FnB	Forman-Buse-Aastad loams, 1 to 6 percent slopes	Aastad	25	41	58	71	81	0
				34	50	63	74	1
				29	43	56	67	2
				25	38	50	60	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6
FnB	Forman-Buse-Aastad loams, 1 to 6 percent slopes	Buse	25	37	53	65	75	0
				31	46	58	68	1
				27	40	52	62	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				24	36	47	57	3
				21	32	42	52	4
				19	29	38	47	5
				18	26	35	43	6
FnC	Forman-Buse-Aastad loams, 2 to 9 percent slopes	Forman	40	65	90	108	123	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
FnC	Forman-Buse-Aastad loams, 2 to 9 percent slopes	Buse	35	37	53	65	75	0
				31	46	58	68	1
				27	40	52	62	2
				24	36	47	57	3
				21	32	42	52	4
				19	29	38	47	5
				18	26	35	43	6
FnC	Forman-Buse-Aastad loams, 2 to 9 percent slopes	Aastad	15	41	58	71	81	0
				34	50	63	74	1
				29	43	56	67	2
				25	38	50	60	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6
FoA	Forman-Cresbard loams, 0 to 2 percent slopes	Forman	60	65	90	108	123	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
FoA	Forman-Cresbard loams, 0 to 2 percent slopes	Cresbard	30	66	91	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
FoB	Forman-Cresbard loams, 2 to 6 percent slopes	Forman	60	65	90	108	123	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
FoB	Forman-Cresbard loams, 2 to 6 percent slopes	Cresbard	30	66	91	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
Ft	Forman-Cresbard-Tonka complex	Forman	50	65	90	108	123	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
Ft	Forman-Cresbard-Tonka complex	Cresbard	25	66	91	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
Ft	Forman-Cresbard-Tonka complex	Tonka	15	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
HaA	Hamerly loam, 0 to 2 percent slopes	Hamerly	90	57	79	95	108	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
Hb	Hamerly-Tonka complex	Hamerly	60	57	79	95	108	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
Hb	Hamerly-Tonka complex	Tonka	25	53	74	90	103	0
				42	61	78	91	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
Hd	Harriet loam	Harriet	90	62	85	103	117	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
He	Heil silt loam	Heil	90	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
HkB	Henkin-Blendon fine sandy loams, 2 to 6 percent slopes	Henkin	50	90	122	145	163	0
				62	92	117	137	1
				47	71	94	113	2
				38	57	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	36	49	61	6
HkB	Henkin-Blendon fine sandy loams, 2 to 6 percent slopes	Blendon	35	197	259	303	337	0
				99	149	198	236	1
				66	99	133	166	2
				50	75	100	125	3
				40	60	80	100	4
				33	50	66	83	5
				29	43	57	71	6
HmA	Hetland silty clay loam, 0 to 2 percent slopes	Hetland	90	68	94	113	128	0
				51	75	95	111	1
				40	61	79	96	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
HmB	Hetland silty clay loam, 2 to 6 percent slopes	Hetland	90	68	94	113	128	0
				51	75	95	111	1
				40	61	79	96	2
				34	50	67	82	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
HnB	Houdek-Ethan-Prosper loams, 1 to 6 percent slopes	Houdek	40	64	88	107	121	0
				48	71	90	106	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
HnB	Houdek-Ethan-Prosper loams, 1 to 6 percent slopes	Ethan	25	54	75	91	104	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
HnB	Houdek-Ethan-Prosper loams, 1 to 6 percent slopes	Prosper	25	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
HnC	Houdek-Ethan-Prosper loams, 2 to 9 percent slopes	Houdek	45	64	88	107	121	0
				48	71	90	106	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
HnC	Houdek-Ethan-Prosper loams, 2 to 9 percent slopes	Ethan	30	54	75	91	104	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
HnC	Houdek-Ethan-Prosper loams, 2 to 9 percent slopes	Prosper	15	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				26	39	51	64	5
				23	34	46	57	6
HpA	Houdek-Prosper loams, 0 to 2 percent slopes	Houdek	65	64	88	107	121	0
				48	71	90	106	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
HpA	Houdek-Prosper loams, 0 to 2 percent slopes	Prosper	25	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
HpB	Houdek-Prosper loams, 1 to 6 percent slopes	Houdek	65	64	88	107	121	0
				48	71	90	106	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
HpB	Houdek-Prosper loams, 1 to 6 percent slopes	Prosper	25	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
HsA	Houdek-Stickney complex, 0 to 2 percent slopes	Houdek	60	64	88	107	121	0
				48	71	90	106	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
HsA	Houdek-Stickney complex, 0 to 2 percent slopes	Stickney	30	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				22	34	45	56	6
HsB	Houdek-Stickney complex, 2 to 6 percent slopes	Houdek	60	64	88	107	121	0
				48	71	90	106	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
HsB	Houdek-Stickney complex, 2 to 6 percent slopes	Stickney	25	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
Ht	Houdek-Stickney-Tetonka complex	Houdek	50	64	88	107	121	0
				48	71	90	106	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
Ht	Houdek-Stickney-Tetonka complex	Stickney	25	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
Ht	Houdek-Stickney-Tetonka complex	Tetonka	15	86	117	140	157	0
				60	89	113	133	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
Hv	Hoven silt loam	Hoven	95	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
KrB	Kranzburg-Buse-Waubay complex, 1 to 6 percent slopes	Kranzburg	40	73	100	120	136	0
				53	79	100	117	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
KrB	Kranzburg-Buse-Waubay complex, 1 to 6 percent slopes	Buse	25	37	53	65	75	0
				31	46	58	68	1
				27	40	52	62	2
				24	36	47	57	3
				21	32	42	52	4
				19	29	38	47	5
				18	26	35	43	6
KrB	Kranzburg-Buse-Waubay complex, 1 to 6 percent slopes	Waubay	25	66	91	110	125	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
La	La Prairie loam	La Prairie	90	67	92	111	125	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
Lf	La Prairie-Fairdale loams, channeled	La Prairie	65	67	92	111	125	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
Lf	La Prairie-Fairdale loams, channeled	Fairdale	25	104	140	167	187	0
				68	103	129	153	1
				51	76	102	123	2
				41	61	81	102	3
				34	51	68	84	4
				29	43	58	72	5
				25	38	50	63	6
Lh	La Prairie-Holmquist loams, channeled	La Prairie	60	67	92	111	125	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				22	33	45	56	6
Lh	La Prairie-Holmquist loams, channeled	Holmquist	25	113	152	180	202	0
				72	108	137	163	1
				53	80	106	129	2
				42	63	84	105	3
				35	52	69	87	4
				30	44	59	74	5
				26	39	51	64	6
Lk	LaDelle silt loam	LaDelle	90	101	136	162	182	0
				67	101	127	149	1
				50	75	100	121	2
				40	60	80	100	3
				33	50	67	84	4
				29	43	57	72	5
				25	38	50	63	6
Lm	Lamo silty clay loam	Lamo	85	67	92	111	126	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
Lo	Lowe loam	Lowe	90	76	103	124	140	0
				55	81	102	120	1
				43	65	84	102	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
Lw	Ludden silty clay, saline	Ludden	85	68	94	113	128	0
				51	75	95	111	1
				40	61	79	96	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
MaB	Maddock-Egeland sandy loams, 2 to 6 percent slopes	Maddock	55	246	321	375	416	0
				110	165	221	269	1
				71	107	142	178	2
				52	79	105	131	3
				42	62	83	104	4
				34	52	69	86	5
				29	44	59	73	6
MaB	Maddock-Egeland sandy loams, 2 to 6 percent slopes	Egeland	35	161	213	251	279	0
				89	134	174	209	1
				62	93	123	154	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				47	71	94	118	3
				38	57	76	95	4
				32	48	64	80	5
				28	41	55	69	6
MaC	Maddock-Egeland sandy loams, 6 to 9 percent slopes	Maddock	60	246	321	375	416	0
				110	165	221	269	1
				71	107	142	178	2
				52	79	105	131	3
				42	62	83	104	4
				34	52	69	86	5
				29	44	59	73	6
MaC	Maddock-Egeland sandy loams, 6 to 9 percent slopes	Egeland	30	161	213	251	279	0
				89	134	174	209	1
				62	93	123	154	2
				47	71	94	118	3
				38	57	76	95	4
				32	48	64	80	5
				28	41	55	69	6
Md	Marysland-Divide loams	Marysland	50	513	660	766	846	0
				144	216	288	360	1
				84	126	167	209	2
				59	88	118	147	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
Md	Marysland-Divide loams	Divide	40	441	569	661	730	0
				138	206	275	344	1
				82	122	163	204	2
				58	87	116	145	3
				45	67	90	112	4
				37	55	73	92	5
				31	46	62	77	6
MsA	Mauvais clay loam, 0 to 2 percent slopes	Mauvais	85	51	72	87	100	0
				41	60	76	88	1
				34	51	65	78	2
				29	43	57	70	3
				25	38	50	62	4
				22	34	45	56	5
				20	30	40	50	6
MtA	Minnewasta sandy loam, 0 to 2 percent slopes	Minnewasta	85	59	81	99	112	0
				46	66	84	99	1
				37	56	72	86	2
				31	47	62	75	3
				27	41	54	66	4
				24	36	48	60	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				21	32	43	53	6
MtB	Minnewasta sandy loam, 2 to 6 percent slopes	Minnewasta	90	59	81	99	112	0
				46	66	84	99	1
				37	56	72	86	2
				31	47	62	75	3
				27	41	54	66	4
				24	36	48	60	5
				21	32	43	53	6
Mw	Minnewaukan loamy sand	Minnewaukan	90	124	166	197	220	0
				77	115	146	174	1
				55	83	111	136	2
				43	65	87	108	3
				36	53	71	89	4
				30	45	60	76	5
				26	39	53	66	6
Mz	Moritz-Lowe loams	Moritz	60	87	117	140	158	0
				61	90	113	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
Mz	Moritz-Lowe loams	Lowe	25	76	103	124	140	0
				55	81	102	120	1
				43	65	84	102	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
Od	Oldham silty clay loam	Oldham	90	66	91	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
Pa	Parnell silty clay loam	Parnell	95	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
PeA	Peever clay loam, 0 to 2 percent slopes	Peever	90	43	61	75	86	0
				35	52	66	77	1
				30	45	58	70	2
				26	39	51	63	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				23	35	46	56	4
				21	31	41	51	5
				19	28	38	47	6
PeB	Peever clay loam, 2 to 6 percent slopes	Peever	85	43	61	75	86	0
				35	52	66	77	1
				30	45	58	70	2
				26	39	51	63	3
				23	35	46	56	4
				21	31	41	51	5
				19	28	38	47	6
Pf	Peever-Cavour complex	Peever	65	43	61	75	86	0
				35	52	66	77	1
				30	45	58	70	2
				26	39	51	63	3
				23	35	46	56	4
				21	31	41	51	5
				19	28	38	47	6
Pf	Peever-Cavour complex	Cavour	25	68	93	112	127	0
				51	74	94	110	1
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
Pk	Peever-Cresbard-Tonka complex	Peever	45	43	61	75	86	0
				35	52	66	77	1
				30	45	58	70	2
				26	39	51	63	3
				23	35	46	56	4
				21	31	41	51	5
				19	28	38	47	6
Pk	Peever-Cresbard-Tonka complex	Cresbard	25	66	91	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
Pk	Peever-Cresbard-Tonka complex	Tonka	15	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
Pm	Playmoor silty clay loam	Playmoor	90	98	133	158	178	0
				66	99	124	146	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				49	74	99	119	2
				40	60	79	99	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
PnB	Poinsett-Buse-Waubay complex, 1 to 6 percent slopes	Poinsett	35	80	109	131	148	0
				57	84	107	125	1
				44	67	87	106	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
PnB	Poinsett-Buse-Waubay complex, 1 to 6 percent slopes	Buse	30	37	53	65	75	0
				31	46	58	68	1
				27	40	52	62	2
				24	36	47	57	3
				21	32	42	52	4
				19	29	38	47	5
				18	26	35	43	6
PnB	Poinsett-Buse-Waubay complex, 1 to 6 percent slopes	Waubay	25	66	91	110	125	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
PnC	Poinsett-Buse-Waubay complex, 2 to 9 percent slopes	Poinsett	40	80	109	131	148	0
				57	84	107	125	1
				44	67	87	106	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
PnC	Poinsett-Buse-Waubay complex, 2 to 9 percent slopes	Buse	35	37	53	65	75	0
				31	46	58	68	1
				27	40	52	62	2
				24	36	47	57	3
				21	32	42	52	4
				19	29	38	47	5
				18	26	35	43	6
PnC	Poinsett-Buse-Waubay complex, 2 to 9 percent slopes	Waubay	15	66	91	110	125	0
				50	73	92	108	1
				40	60	77	93	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
PoC	Poinsett-Rusklyn silty clay loams, 6 to 9 percent slopes	Poinsett	45	80	109	131	148	0
				57	84	107	125	1
				44	67	87	106	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
PoC	Poinsett-Rusklyn silty clay loams, 6 to 9 percent slopes	Rusklyn	40	81	111	132	149	0
				58	85	108	126	1
				45	67	88	107	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
PrB	Poinsett-Rusklyn-Waubay silty clay loams, 1 to 6 percent slopes	Poinsett	40	80	109	131	148	0
				57	84	107	125	1
				44	67	87	106	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
PrB	Poinsett-Rusklyn-Waubay silty clay loams, 1 to 6 percent slopes	Rusklyn	25	81	111	132	149	0
				58	85	108	126	1
				45	67	88	107	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
PrB	Poinsett-Rusklyn-Waubay silty clay loams, 1 to 6 percent slopes	Waubay	25	66	91	110	125	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
PwA	Poinsett-Waubay silty clay loams, 0 to 2 percent slopes	Poinsett	55	80	109	131	148	0
				57	84	107	125	1
				44	67	87	106	2
				36	55	73	89	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
PwA	Poinsett-Waubay silty clay loams, 0 to 2 percent slopes	Waubay	35	66	91	110	125	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
PwB	Poinsett-Waubay silty clay loams, 1 to 6 percent slopes	Poinsett	65	80	109	131	148	0
				57	84	107	125	1
				44	67	87	106	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
PwB	Poinsett-Waubay silty clay loams, 1 to 6 percent slopes	Waubay	25	66	91	110	125	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
Ra	Ranslo silty clay loam	Ranslo	85	89	120	143	161	0
				62	92	115	135	1
				47	71	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
Re	Rauville silty clay loam	Rauville	85	113	152	180	202	0
				72	108	137	163	1
				53	80	106	129	2
				42	63	84	105	3
				35	52	69	87	4
				30	44	59	74	5
				26	39	51	64	6
RfA	Renshaw-Fordville loams, 0 to 2 percent slopes	Fordville	45	171	225	265	295	0
				92	138	181	216	1
				63	95	126	158	2
				48	72	96	120	3
				39	58	77	97	4
				32	49	65	81	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				28	42	56	70	6
RfA	Renshaw-Fordville loams, 0 to 2 percent slopes	Renshaw	45	238	311	364	404	0
				109	163	217	264	1
				70	106	141	176	2
				52	78	104	130	3
				41	62	83	103	4
				34	51	68	86	5
				29	44	58	73	6
RfB	Renshaw-Fordville loams, 2 to 6 percent slopes	Renshaw	55	238	311	364	404	0
				109	163	217	264	1
				70	106	141	176	2
				52	78	104	130	3
				41	62	83	103	4
				34	51	68	86	5
				29	44	58	73	6
RfB	Renshaw-Fordville loams, 2 to 6 percent slopes	Fordville	35	171	225	265	295	0
				92	138	181	216	1
				63	95	126	158	2
				48	72	96	120	3
				39	58	77	97	4
				32	49	65	81	5
				28	42	56	70	6
RsA	Renshaw-Sioux complex, 0 to 2 percent slopes	Renshaw	65	238	311	364	404	0
				109	163	217	264	1
				70	106	141	176	2
				52	78	104	130	3
				41	62	83	103	4
				34	51	68	86	5
				29	44	58	73	6
RsA	Renshaw-Sioux complex, 0 to 2 percent slopes	Sioux	25	314	408	475	526	0
				122	183	244	305	1
				76	114	152	190	2
				55	82	110	137	3
				43	65	86	108	4
				35	53	71	89	5
				30	45	60	75	6
RsB	Renshaw-Sioux complex, 2 to 6 percent slopes	Renshaw	55	238	311	364	404	0
				109	163	217	264	1
				70	106	141	176	2
				52	78	104	130	3
				41	62	83	103	4
				34	51	68	86	5
				29	44	58	73	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
RsB	Renshaw-Sioux complex, 2 to 6 percent slopes	Sioux	35	314	408	475	526	0
				122	183	244	305	1
				76	114	152	190	2
				55	82	110	137	3
				43	65	86	108	4
				35	53	71	89	5
				30	45	60	75	6
RsC	Renshaw-Sioux complex, 6 to 9 percent slopes	Renshaw	45	238	311	364	404	0
				109	163	217	264	1
				70	106	141	176	2
				52	78	104	130	3
				41	62	83	103	4
				34	51	68	86	5
				29	44	58	73	6
RsC	Renshaw-Sioux complex, 6 to 9 percent slopes	Sioux	45	314	408	475	526	0
				122	183	244	305	1
				76	114	152	190	2
				55	82	110	137	3
				43	65	86	108	4
				35	53	71	89	5
				30	45	60	75	6
Sa	Salmo silty clay loam	Salmo	85	77	105	126	142	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
SnA	Sinai silty clay, 0 to 2 percent slopes	Sinai	90	54	75	91	104	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
SnB	Sinai silty clay, 2 to 6 percent slopes	Sinai	90	54	75	91	104	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
SrD	Sioux-Renshaw complex, 9 to 15 percent slopes	Sioux	55	314	408	475	526	0
				122	183	244	305	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				76	114	152	190	2
				55	82	110	137	3
				43	65	86	108	4
				35	53	71	89	5
				30	45	60	75	6
SrD	Sioux-Renshaw complex, 9 to 15 percent slopes	Renshaw	35	238	311	364	404	0
				109	163	217	264	1
				70	106	141	176	2
				52	78	104	130	3
				41	62	83	103	4
				34	51	68	86	5
				29	44	58	73	6
Ss	Southam silty clay loam	Southam	90	71	98	117	133	0
				52	77	98	114	1
				42	62	81	99	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
Sw	Spottswood clay loam	Spottswood	90	161	212	250	279	0
				89	134	174	208	1
				62	93	123	154	2
				47	71	94	118	3
				38	57	76	95	4
				32	48	64	80	5
				28	41	55	69	6
Sy	Stickney-Dudley silt loams	Stickney	55	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
Sy	Stickney-Dudley silt loams	Dudley	35	84	114	137	154	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
Te	Tetonka silt loam	Tetonka	90	86	117	140	157	0
				60	89	113	133	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
To	Tonka silty clay loam	Tonka	90	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
Va	Vallers-Hamerly loams	Vallers	50	45	63	77	89	0
				37	53	68	79	1
				31	46	60	71	2
				27	40	53	64	3
				24	36	47	58	4
				21	32	42	52	5
				19	29	38	48	6
Va	Vallers-Hamerly loams	Hamerly	40	57	79	95	108	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
Wa	Waubay silty clay loam	Waubay	90	66	91	110	125	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
Wg	Worthing silty clay loam	Worthing	90	68	94	113	128	0
				51	75	95	111	1
				40	61	79	96	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
Wm	Wyndmere fine sandy loam	Wyndmere	90	145	193	227	254	0
				84	126	163	195	1
				59	89	118	147	2
				46	69	91	114	3
				37	56	74	93	4
				31	47	63	78	5
				27	41	54	68	6
Wp	Wyndmere-Parnell complex	Wyndmere	60	145	193	227	254	0
				84	126	163	195	1
				59	89	118	147	2
				46	69	91	114	3
				37	56	74	93	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				31	47	63	78	5
				27	41	54	68	6
Wp	Wyndmere-Parnell complex	Parnell	30	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6

South Dakota Lateral Effect Tables for Clay County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Ac	Albaton silty clay, 0 to 2 percent slopes	Albaton	85	41	58	71	81	0
				34	50	63	74	1
				29	43	56	67	2
				25	38	50	60	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6
Ad	Albaton silty clay, depressional	Albaton	90	41	58	71	81	0
				34	50	63	74	1
				29	43	56	67	2
				25	38	50	60	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6
AeA	Alcester silty clay loam, 0 to 2 percent slopes	Alcester	80	77	105	126	142	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
Ba	Baltic silty clay loam, 0 to 1 percent slopes	Baltic	85	73	100	120	135	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
Bb	Blake silty clay loam, 0 to 2 percent slopes	Blake	80	141	187	220	246	0
				83	124	160	190	1
				59	88	117	145	2
				45	68	91	113	3
				37	55	74	92	4
				31	47	62	78	5
				27	40	54	67	6
Bf	Blencoe silty clay, 0 to 2 percent slopes, clayey substratum	Blencoe	80	60	83	101	114	0
				46	67	86	101	1
				38	56	73	88	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
Bg	Blyburg silt loam, 0 to 2 percent slopes	Blyburg	85	126	168	199	222	0
				77	116	148	176	1
				56	84	112	137	2
				44	65	87	109	3
				36	54	72	89	4
				30	46	61	76	5
				26	40	53	66	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Bk	Blyburg-Gayville silt loams, 0 to 2 percent slopes	Blyburg	50	126	168	199	222	0
				77	116	148	176	1
				56	84	112	137	2
				44	65	87	109	3
				36	54	72	89	4
				30	46	61	76	5
				26	40	53	66	6
Bk	Blyburg-Gayville silt loams, 0 to 2 percent slopes	Gayville	30	110	147	175	196	0
				71	106	134	159	1
				52	79	105	127	2
				42	62	83	104	3
				34	52	69	86	4
				29	44	59	73	5
				26	38	51	64	6
Bm	Bon loam, 0 to 2 percent slopes	Bon	85	87	117	140	158	0
				61	90	113	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
Bn	Bon loam, channeled	Bon	85	87	117	140	158	0
				61	90	113	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
Ca	Chancellor-Tetonka complex, 0 to 2 percent slopes	Chancellor	65	63	87	105	119	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
Ca	Chancellor-Tetonka complex, 0 to 2 percent slopes	Tetonka	25	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
Cc	Chaska silt loam, channeled	Chaska	75	117	156	185	208	0
				74	111	140	166	1
				54	81	108	131	2
				42	64	85	106	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
Cd	Clamo silty clay, 0 to 1 percent slopes	Clamo	85	110	148	176	197	0
				71	106	135	159	1
				52	79	105	127	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				42	62	83	104	3
				34	52	69	86	4
				29	44	59	73	5
				26	38	51	64	6
DaA	Dalesburg loam, 0 to 2 percent slopes	Dalesburg	85	262	342	399	443	0
				113	170	227	279	1
				72	109	145	181	2
				53	80	106	133	3
				42	63	84	105	4
				35	52	69	87	5
				30	44	59	74	6
DbB	Dalesburg-Dimo complex, 1 to 4 percent slopes	Dalesburg	55	262	342	399	443	0
				113	170	227	279	1
				72	109	145	181	2
				53	80	106	133	3
				42	63	84	105	4
				35	52	69	87	5
				30	44	59	74	6
DbB	Dalesburg-Dimo complex, 1 to 4 percent slopes	Dimo	30	238	311	363	403	0
				109	163	217	264	1
				70	106	141	176	2
				52	78	104	130	3
				41	62	83	103	4
				34	51	68	86	5
				29	44	58	73	6
DcA	Davis loam, 0 to 2 percent slopes	Davis	80	80	109	131	147	0
				57	84	107	125	1
				44	67	87	106	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
DcB	Davis loam, 2 to 6 percent slopes	Davis	85	80	109	131	147	0
				57	84	107	125	1
				44	67	87	106	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
DhA	Davison-Chancellor complex, 0 to 3 percent slopes	Davison	50	76	104	124	140	0
				55	81	103	120	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
DhA	Davison-Chancellor complex, 0 to 3 percent slopes	Chancellor	40	63	87	105	119	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				22	33	44	54	6
DkA	Davison-Tetonka-Egan complex, 0 to 3 percent slopes	Davison	40	76	104	124	140	0
				55	81	103	120	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
DkA	Davison-Tetonka-Egan complex, 0 to 3 percent slopes	Tetonka	25	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
DkA	Davison-Tetonka-Egan complex, 0 to 3 percent slopes	Egan	20	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
DmB	Delmont-Enet loams, 2 to 6 percent slopes	Delmont	55	473	610	707	781	0
				141	211	281	351	1
				83	124	165	206	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
DmB	Delmont-Enet loams, 2 to 6 percent slopes	Enet	25	183	241	283	315	0
				96	143	189	226	1
				65	97	129	162	2
				49	73	98	122	3
				39	59	79	98	4
				33	49	66	82	5
				28	42	56	70	6
DnD	Delmont-Talmo complex, 6 to 15 percent slopes	Delmont	45	473	610	707	781	0
				141	211	281	351	1
				83	124	165	206	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
DnD	Delmont-Talmo complex, 6 to 15 percent slopes	Talmo	35	471	607	704	778	0
				140	211	281	351	1
				82	124	165	206	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Do	Dimo clay loam, 0 to 2 percent slopes	Dimo	85	238	311	363	403	0
				109	163	217	264	1
				70	106	141	176	2
				52	78	104	130	3
				41	62	83	103	4
				34	51	68	86	5
				29	44	58	73	6
EaA	Egan-Chancellor-Davison complex, 0 to 3 percent slopes	Egan	40	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
EaA	Egan-Chancellor-Davison complex, 0 to 3 percent slopes	Chancellor	25	63	87	105	119	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
EaA	Egan-Chancellor-Davison complex, 0 to 3 percent slopes	Davison	20	76	104	124	140	0
				55	81	103	120	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
EbA	Egan-Clarno-Chancellor complex, 0 to 3 percent slopes	Egan	40	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
EbA	Egan-Clarno-Chancellor complex, 0 to 3 percent slopes	Clarno	25	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
EbA	Egan-Clarno-Chancellor complex, 0 to 3 percent slopes	Chancellor	20	63	87	105	119	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
EcA	Egan-Clarno-Tetonka complex, 0 to 2 percent slopes	Egan	40	58	81	98	111	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
EcA	Egan-Clarno-Tetonka complex, 0 to 2 percent slopes	Clarno	25	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
EcA	Egan-Clarno-Tetonka complex, 0 to 2 percent slopes	Tetonka	20	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
EdA	Egan-Clarno-Trent complex, 0 to 2 percent slopes	Egan	45	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
EdA	Egan-Clarno-Trent complex, 0 to 2 percent slopes	Clarno	25	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
EdA	Egan-Clarno-Trent complex, 0 to 2 percent slopes	Trent	20	78	106	128	144	0
				56	83	105	123	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
EdB	Egan-Clarno-Trent complex, 1 to 6 percent slopes	Egan	45	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
EdB	Egan-Clarno-Trent complex, 1 to 6 percent slopes	Clarno	25	59	82	99	113	0
				46	67	85	99	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
EdB	Egan-Clarno-Trent complex, 1 to 6 percent slopes	Trent	20	78	106	128	144	0
				56	83	105	123	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
EeB	Egan-Ethan complex, 2 to 6 percent slopes	Egan	50	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
EeB	Egan-Ethan complex, 2 to 6 percent slopes	Ethan	30	54	75	91	104	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
EfB	Egan-Ethan-Tetonka complex, 0 to 6 percent slopes	Egan	40	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
EfB	Egan-Ethan-Tetonka complex, 0 to 6 percent slopes	Ethan	25	54	75	91	104	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
EfB	Egan-Ethan-Tetonka complex, 0 to 6 percent slopes	Tetonka	20	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
EgB	Egan-Ethan-Trent complex, 1 to 6 percent slopes	Egan	45	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
EgB	Egan-Ethan-Trent complex, 1 to 6 percent slopes	Ethan	25	54	75	91	104	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
EgB	Egan-Ethan-Trent complex, 1 to 6 percent slopes	Trent	20	78	106	128	144	0
				56	83	105	123	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
EhA	Egan-Trent silty clay loams, 0 to 2 percent slopes	Egan	50	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
EhA	Egan-Trent silty clay loams, 0 to 2 percent slopes	Trent	35	78	106	128	144	0
				56	83	105	123	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
EhB	Egan-Trent silty clay loams, 1 to 6 percent slopes	Egan	50	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
EhB	Egan-Trent silty clay loams, 1 to 6 percent slopes	Trent	30	78	106	128	144	0
				56	83	105	123	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
Ek	Egan-Trent-Chancellor silty clay loams, 0 to 2 percent slopes	Egan	40	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
Ek	Egan-Trent-Chancellor silty clay loams, 0 to 2 percent slopes	Trent	25	78	106	128	144	0
				56	83	105	123	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
Ek	Egan-Trent-Chancellor silty clay loams, 0 to 2 percent slopes	Chancellor	20	63	87	105	119	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
Em	Enet loam, 0 to 2 percent slopes, rarely flooded	Enet	90	183	241	283	315	0
				96	143	189	226	1
				65	97	129	162	2
				49	73	98	122	3
				39	59	79	98	4
				33	49	66	82	5
				28	42	56	70	6
EnB	Enet-Storla-Tetonka complex, 0 to 6 percent slopes	Enet	45	183	241	283	315	0
				96	143	189	226	1
				65	97	129	162	2
				49	73	98	122	3
				39	59	79	98	4
				33	49	66	82	5
				28	42	56	70	6
EnB	Enet-Storla-Tetonka complex, 0 to 6 percent slopes	Storla	25	213	279	327	363	0
				103	155	206	248	1
				68	102	136	170	2
				51	76	102	127	3
				40	61	81	101	4
				34	51	67	84	5
				29	43	58	72	6
EnB	Enet-Storla-Tetonka complex, 0 to 6 percent slopes	Tetonka	20	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
EoD	Ethan-Betts loams, 9 to 15 percent slopes	Ethan	65	54	75	91	104	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				21	31	41	52	6
EoD	Ethan-Betts loams, 9 to 15 percent slopes	Betts	20	60	83	101	114	0
				46	67	86	101	1
				38	56	73	88	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
EoE	Ethan-Betts loams, 15 to 40 percent slopes	Ethan	60	54	75	91	104	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
EoE	Ethan-Betts loams, 15 to 40 percent slopes	Betts	25	60	83	101	114	0
				46	67	86	101	1
				38	56	73	88	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
EpD	Ethan-Bon, channeled, loams, 0 to 20 percent slopes	Ethan	55	54	75	91	104	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
EpD	Ethan-Bon, channeled, loams, 0 to 20 percent slopes	Bon	25	87	117	140	158	0
				61	90	113	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
EpE	Ethan-Bon, channeled, loams, 0 to 40 percent slopes	Ethan	65	54	75	91	104	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
EpE	Ethan-Bon, channeled, loams, 0 to 40 percent slopes	Bon	20	87	117	140	158	0
				61	90	113	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
ErC	Ethan-Clarno loams, 6 to 9 percent slopes	Ethan	45	54	75	91	104	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
ErC	Ethan-Clarno loams, 6 to 9 percent slopes	Clarno	40	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
ErD	Ethan-Clarno loams, 9 to 15 percent slopes	Ethan	60	54	75	91	104	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
ErD	Ethan-Clarno loams, 9 to 15 percent slopes	Clarno	30	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
EsB	Ethan-Clarno-Bon loams 0 to 6 percent slopes	Ethan	40	54	75	91	104	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
EsB	Ethan-Clarno-Bon loams 0 to 6 percent slopes	Clarno	30	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
EsB	Ethan-Clarno-Bon loams 0 to 6 percent slopes	Bon	20	87	117	140	158	0
				61	90	113	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
EtC	Ethan-Clarno-Bon, channeled, loams, 0 to 9 percent slopes	Ethan	45	54	75	91	104	0
				43	62	78	92	1
				35	53	68	81	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
EtC	Ethan-Clarno-Bon, channeled, loams, 0 to 9 percent slopes	Clarno	25	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
EtC	Ethan-Clarno-Bon, channeled, loams, 0 to 9 percent slopes	Bon	20	87	117	140	158	0
				61	90	113	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
EuB	Ethan-Davison-Tetonka complex, 0 to 6 percent slopes	Ethan	30	54	75	91	104	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
EuB	Ethan-Davison-Tetonka complex, 0 to 6 percent slopes	Davison	25	76	104	124	140	0
				55	81	103	120	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
EuB	Ethan-Davison-Tetonka complex, 0 to 6 percent slopes	Tetonka	25	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
EvC	Ethan-Egan complex, 6 to 9 percent slopes	Ethan	50	54	75	91	104	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
EvC	Ethan-Egan complex, 6 to 9 percent slopes	Egan	35	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
EzE	Ethan-Talmo complex, 15 to 40 percent slopes	Ethan	60	54	75	91	104	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
EzE	Ethan-Talmo complex, 15 to 40 percent slopes	Talmo	25	471	607	704	778	0
				140	211	281	351	1
				82	124	165	206	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
Fo	Forney silty clay, 0 to 2 percent slopes	Forney	80	42	59	72	83	0
				35	50	64	75	1
				30	44	57	67	2
				26	39	50	61	3
				23	34	45	55	4
				20	31	41	50	5
				19	28	37	46	6
Ga	Grable silt loam, 0 to 2 percent slopes	Grable	85	483	623	723	798	0
				141	212	283	354	1
				83	124	166	207	2
				59	88	117	146	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
Gt	Grable-Ticonic-Vore complex, 0 to 2 percent slopes	Grable	45	483	623	723	798	0
				141	212	283	354	1
				83	124	166	207	2
				59	88	117	146	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
Gt	Grable-Ticonic-Vore complex, 0 to 2 percent slopes	Ticonic	25	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
Gt	Grable-Ticonic-Vore complex, 0 to 2 percent slopes	Vore	20	207	271	318	353	0
				102	153	203	243	1
				67	101	135	169	2
				50	76	101	126	3
				40	60	81	101	4
				34	50	67	84	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				29	43	57	72	6
Gv	Grable-Vore-Haynie complex, 0 to 3 percent slopes	Grable	35	483	623	723	798	0
				141	212	283	354	1
				83	124	166	207	2
				59	88	117	146	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
Gv	Grable-Vore-Haynie complex, 0 to 3 percent slopes	Haynie	25	147	195	230	257	0
				85	127	164	196	1
				60	89	119	148	2
				46	69	92	115	3
				37	56	75	93	4
				31	47	63	79	5
				27	41	54	68	6
Gv	Grable-Vore-Haynie complex, 0 to 3 percent slopes	Vore	25	207	271	318	353	0
				102	153	203	243	1
				67	101	135	169	2
				50	76	101	126	3
				40	60	81	101	4
				34	50	67	84	5
				29	43	57	72	6
Ha	Haynie silt loam, 0 to 2 percent slopes	Haynie	80	147	195	230	257	0
				85	127	164	196	1
				60	89	119	148	2
				46	69	92	115	3
				37	56	75	93	4
				31	47	63	79	5
				27	41	54	68	6
Hg	Haynie-Grable silt loams, 0 to 2 percent slopes	Haynie	45	147	195	230	257	0
				85	127	164	196	1
				60	89	119	148	2
				46	69	92	115	3
				37	56	75	93	4
				31	47	63	79	5
				27	41	54	68	6
Hg	Haynie-Grable silt loams, 0 to 2 percent slopes	Grable	40	483	623	723	798	0
				141	212	283	354	1
				83	124	166	207	2
				59	88	117	146	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
Hn	Haynie-Lossing-Grable complex, 0 to 2 percent slopes	Haynie	40	147	195	230	257	0
				85	127	164	196	1
				60	89	119	148	2
				46	69	92	115	3
				37	56	75	93	4
				31	47	63	79	5
				27	41	54	68	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Hn	Haynie-Lossing-Grable complex, 0 to 2 percent slopes	Grable	25	483	623	723	798	0
				141	212	283	354	1
				83	124	166	207	2
				59	88	117	146	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
Hn	Haynie-Lossing-Grable complex, 0 to 2 percent slopes	Lossing	25	59	82	100	113	0
				46	67	85	100	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
Ho	Haynie-Onawa-Blake complex, 0 to 2 percent slopes	Haynie	40	147	195	230	257	0
				85	127	164	196	1
				60	89	119	148	2
				46	69	92	115	3
				37	56	75	93	4
				31	47	63	79	5
				27	41	54	68	6
Ho	Haynie-Onawa-Blake complex, 0 to 2 percent slopes	Blake	25	141	187	220	246	0
				83	124	160	190	1
				59	88	117	145	2
				45	68	91	113	3
				37	55	74	92	4
				31	47	62	78	5
				27	40	54	67	6
Ho	Haynie-Onawa-Blake complex, 0 to 2 percent slopes	Onawa	25	61	85	103	117	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
Ja	James silty clay, 0 to 1 percent slopes	James	85	54	76	92	104	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
La	Lakeport silty clay loam, 0 to 2 percent slopes	Lakeport	85	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
Lb	Lamo silty clay loam, 0 to 2 percent slopes	Lamo	85	63	86	104	118	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				48	70	88	103	1
				39	58	75	90	2
				32	49	64	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
Lc	Lamo silty clay loam, 0 to 2 percent slopes, sandy substratum	Lamo	85	63	86	104	118	0
				48	70	88	103	1
				39	58	75	90	2
				32	49	64	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
Ld	Lamo-Baltic silty clay loams, 0 to 2 percent slopes	Lamo	60	63	86	104	118	0
				48	70	88	103	1
				39	58	75	90	2
				32	49	64	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
Ld	Lamo-Baltic silty clay loams, 0 to 2 percent slopes	Baltic	25	73	100	120	135	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
Le	Lex clay loam, 0 to 2 percent slopes	Lex	85	155	205	241	269	0
				87	131	170	203	1
				61	91	122	152	2
				47	70	93	117	3
				38	57	76	95	4
				32	48	64	79	5
				27	41	55	69	6
Lg	Lossing silty clay, 0 to 2 percent slopes	Lossing	80	59	82	100	113	0
				46	67	85	100	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
Lo	Lossing-Owego silty clays, 0 to 2 percent slopes	Lossing	50	59	82	100	113	0
				46	67	85	100	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
Lo	Lossing-Owego silty clays, 0 to 2 percent slopes	Owego	30	47	66	80	92	0
				38	55	70	82	1
				32	48	62	73	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				28	41	54	66	3
				24	36	48	59	4
				22	32	43	53	5
				20	29	39	49	6
Lr	Lossing-Vore silty clays, 0 to 2 percent slopes	Lossing	50	59	82	100	113	0
				46	67	85	100	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
Lr	Lossing-Vore silty clays, 0 to 2 percent slopes	Vore	25	207	271	318	353	0
				102	153	203	243	1
				67	101	135	169	2
				50	76	101	126	3
				40	60	81	101	4
				34	50	67	84	5
				29	43	57	72	6
Lt	Luton silty clay, 0 to 2 percent slopes, occasionally flooded	Luton	90	44	62	76	87	0
				36	53	67	78	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
Lu	Luton silty clay, 0 to 2 percent slopes, rarely flooded	Luton	90	44	62	76	87	0
				36	53	67	78	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
McA	Meckling loamy fine sand, 0 to 4 percent slopes	Meckling	90	280	364	425	471	0
				117	175	233	289	1
				74	111	147	184	2
				54	81	108	135	3
				42	64	85	106	4
				35	53	70	88	5
				30	45	60	74	6
Mo	Modale silt loam, 0 to 2 percent slopes	Modale	85	104	139	166	186	0
				68	103	129	152	1
				51	76	102	123	2
				41	61	81	102	3
				34	51	68	84	4
				29	43	58	72	5
				25	38	50	63	6
Na	Napa-Luton complex, 0 to 2 percent slopes	Napa	50	68	94	113	128	0
				51	75	95	111	1
				40	61	79	96	2
				34	50	67	82	3
				29	43	58	72	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				25	38	50	63	5
				22	34	45	56	6
Na	Napa-Luton complex, 0 to 2 percent slopes	Luton	30	44	62	76	87	0
				36	53	67	78	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
Nb	Norway loamy fine sand, 0 to 4 percent slopes	Norway	85	151	199	235	262	0
				86	129	167	199	1
				60	90	120	150	2
				46	69	92	116	3
				38	56	75	94	4
				32	47	63	79	5
				27	41	55	68	6
NcA	Norway-Meckling loamy fine sands, 0 to 4 percent slopes	Norway	50	151	199	235	262	0
				86	129	167	199	1
				60	90	120	150	2
				46	69	92	116	3
				38	56	75	94	4
				32	47	63	79	5
				27	41	55	68	6
NcA	Norway-Meckling loamy fine sands, 0 to 4 percent slopes	Meckling	40	280	364	425	471	0
				117	175	233	289	1
				74	111	147	184	2
				54	81	108	135	3
				42	64	85	106	4
				35	53	70	88	5
				30	45	60	74	6
Oa	Onawa silty clay, 0 to 2 percent slopes	Onawa	85	61	85	103	117	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
Ob	Onawa-Owego silty clays, 0 to 2 percent slopes	Onawa	50	61	85	103	117	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
Ob	Onawa-Owego silty clays, 0 to 2 percent slopes	Owego	30	47	66	80	92	0
				38	55	70	82	1
				32	48	62	73	2
				28	41	54	66	3
				24	36	48	59	4
				22	32	43	53	5
				20	29	39	49	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Ow	Owego silty clay, 0 to 2 percent slopes	Owego	80	47	66	80	92	0
				38	55	70	82	1
				32	48	62	73	2
				28	41	54	66	3
				24	36	48	59	4
				22	32	43	53	5
				20	29	39	49	6
Pe	Percival silty clay, 0 to 2 percent slopes	Percival	85	360	466	543	600	0
				129	193	257	321	1
				78	117	157	196	2
				56	84	113	141	3
				44	66	88	110	4
				36	54	72	90	5
				31	46	61	76	6
Ro	Roxbury silt loam, channeled	Roxbury	85	67	92	111	126	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
Sa	Salix silty clay loam, 0 to 2 percent slopes	Salix	85	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
Sd	Salmo silty clay loam, 0 to 1 percent slopes	Salmo	90	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
SeB	Sardak loamy fine sand, 2 to 9 percent slopes	Sardak	90	325	422	491	544	0
				124	186	248	310	1
				76	115	153	191	2
				55	83	111	138	3
				43	65	87	108	4
				36	53	71	89	5
				30	45	60	76	6
SkB	Sardak-Scroll complex, 0 to 6 percent slopes	Sardak	50	325	422	491	544	0
				124	186	248	310	1
				76	115	153	191	2
				55	83	111	138	3
				43	65	87	108	4
				36	53	71	89	5
				30	45	60	76	6
SkB	Sardak-Scroll complex, 0 to 6 percent slopes	Scroll	30	410	530	616	681	0
				134	202	269	336	1
				80	121	161	201	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				57	86	115	143	3
				45	67	89	111	4
				36	55	73	91	5
				31	46	62	77	6
SpA	Scroll-Percival silty clays, 0 to 2 percent slopes	Scroll	45	410	530	616	681	0
				134	202	269	336	1
				80	121	161	201	2
				57	86	115	143	3
				45	67	89	111	4
				36	55	73	91	5
				31	46	62	77	6
SpA	Scroll-Percival silty clays, 0 to 2 percent slopes	Percival	35	360	466	543	600	0
				129	193	257	321	1
				78	117	157	196	2
				56	84	113	141	3
				44	66	88	110	4
				36	54	72	90	5
				31	46	61	76	6
SpB	Scroll-Percival silty clays, 2 to 6 percent slopes	Scroll	45	410	530	616	681	0
				134	202	269	336	1
				80	121	161	201	2
				57	86	115	143	3
				45	67	89	111	4
				36	55	73	91	5
				31	46	62	77	6
SpB	Scroll-Percival silty clays, 2 to 6 percent slopes	Percival	35	360	466	543	600	0
				129	193	257	321	1
				78	117	157	196	2
				56	84	113	141	3
				44	66	88	110	4
				36	54	72	90	5
				31	46	61	76	6
TaE	Talmo-Thurman complex, 15 to 40 percent slopes	Talmo	45	471	607	704	778	0
				140	211	281	351	1
				82	124	165	206	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
TaE	Talmo-Thurman complex, 15 to 40 percent slopes	Thurman	35	198	260	305	339	0
				99	149	199	237	1
				66	100	133	166	2
				50	75	100	125	3
				40	60	80	100	4
				33	50	67	83	5
				29	43	57	71	6
Te	Tetonka silt loam, 0 to 1 percent slopes	Tetonka	90	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				27	40	54	67	5
				24	36	48	59	6
ThA	Thurman loamy fine sand, 0 to 2 percent slopes	Thurman	90	198	260	305	339	0
				99	149	199	237	1
				66	100	133	166	2
				50	75	100	125	3
				40	60	80	100	4
				33	50	67	83	5
				29	43	57	71	6
ThB	Thurman loamy fine sand, 2 to 6 percent slopes	Thurman	90	198	260	305	339	0
				99	149	199	237	1
				66	100	133	166	2
				50	75	100	125	3
				40	60	80	100	4
				33	50	67	83	5
				29	43	57	71	6
ThC	Thurman loamy fine sand, 6 to 9 percent slopes	Thurman	90	198	260	305	339	0
				99	149	199	237	1
				66	100	133	166	2
				50	75	100	125	3
				40	60	80	100	4
				33	50	67	83	5
				29	43	57	71	6
Tr	Ticonic-Grable complex, 0 to 2 percent slopes	Ticonic	45	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
Tr	Ticonic-Grable complex, 0 to 2 percent slopes	Grable	30	483	623	723	798	0
				141	212	283	354	1
				83	124	166	207	2
				59	88	117	146	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
TtA	Trent-Tetonka-Wakonda complex, 0 to 3 percent slopes	Trent	40	78	106	128	144	0
				56	83	105	123	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
TtA	Trent-Tetonka-Wakonda complex, 0 to 3 percent slopes	Tetonka	25	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				24	36	48	59	6
TtA	Trent-Tetonka-Wakonda complex, 0 to 3 percent slopes	Wakonda	25	76	103	124	140	0
				55	81	102	120	1
				43	65	84	102	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
TwA	Trent-Wentworth silty clay loams, 0 to 2 percent slopes	Trent	50	78	106	128	144	0
				56	83	105	123	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
TwA	Trent-Wentworth silty clay loams, 0 to 2 percent slopes	Wentworth	30	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
Wa	Wakonda-Tetonka silt loams, 0 to 2 percent slopes	Wakonda	50	76	103	124	140	0
				55	81	102	120	1
				43	65	84	102	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
Wa	Wakonda-Tetonka silt loams, 0 to 2 percent slopes	Tetonka	30	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
Wc	Wakonda-Wentworth-Whitewood complex, 0 to 2 percent slopes	Wakonda	40	76	103	124	140	0
				55	81	102	120	1
				43	65	84	102	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
Wc	Wakonda-Wentworth-Whitewood complex, 0 to 2 percent slopes	Wentworth	30	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Wc	Wakonda-Wentworth-Whitewood complex, 0 to 2 percent slopes	Whitewood	20	76	103	124	140	0
				55	81	102	120	1
				43	65	84	102	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
Wd	Wakonda-Whitewood complex, 0 to 2 percent slopes	Wakonda	50	76	103	124	140	0
				55	81	102	120	1
				43	65	84	102	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
Wd	Wakonda-Whitewood complex, 0 to 2 percent slopes	Whitewood	30	76	103	124	140	0
				55	81	102	120	1
				43	65	84	102	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
WkB	Wentworth-Trent silty clay loams, 1 to 6 percent slopes	Wentworth	45	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
WkB	Wentworth-Trent silty clay loams, 1 to 6 percent slopes	Trent	40	78	106	128	144	0
				56	83	105	123	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
Wm	Whitewood silty clay loam, 0 to 2 percent slopes	Whitewood	85	76	103	124	140	0
				55	81	102	120	1
				43	65	84	102	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
Wo	Worthing silty clay loam, 0 to 1 percent slopes	Worthing	90	61	84	101	115	0
				47	68	86	101	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
Wp	Worthing silty clay loam, ponded	Worthing	95	61	84	101	115	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				47	68	86	101	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6

South Dakota Lateral Effect Tables for Codington County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
J108A	Badger-Tonka silty clay loams, 0 to 1 percent slopes	Badger	60	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
J108A	Badger-Tonka silty clay loams, 0 to 1 percent slopes	Tonka	30	70	96	115	130	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
J109A	Barnes clay loam, 0 to 2 percent slopes	Barnes	80	54	75	92	104	0
				43	62	79	93	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
J109B	Barnes clay loam, 2 to 6 percent slopes	Barnes	85	54	75	92	104	0
				43	62	79	93	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
J110C	Barnes-Buse loams, 6 to 9 percent slopes	Barnes	55	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
J110C	Barnes-Buse loams, 6 to 9 percent slopes	Buse	35	50	69	85	97	0
				40	58	73	87	1
				33	50	64	77	2
				29	43	56	68	3
				25	38	50	61	4
				22	33	44	55	5
				20	30	40	50	6
J111B	Barnes-Buse-Svea loams, 1 to 6 percent slopes	Barnes	40	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
J111B	Barnes-Buse-Svea loams, 1 to 6 percent slopes	Buse	30	50	69	85	97	0
				40	58	73	87	1
				33	50	64	77	2
				29	43	56	68	3
				25	38	50	61	4
				22	33	44	55	5
				20	30	40	50	6
J111B	Barnes-Buse-Svea loams, 1 to 6 percent slopes	Svea	20	66	91	110	125	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
J111C	Barnes-Buse-Svea loams, 2 to 9 percent slopes	Barnes	40	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
J111C	Barnes-Buse-Svea loams, 2 to 9 percent slopes	Buse	35	50	69	85	97	0
				40	58	73	87	1
				33	50	64	77	2
				29	43	56	68	3
				25	38	50	61	4
				22	33	44	55	5
				20	30	40	50	6
J111C	Barnes-Buse-Svea loams, 2 to 9 percent slopes	Svea	20	66	91	110	125	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
J112A	Barnes-Svea loams, 0 to 2 percent slopes	Barnes	55	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
J112A	Barnes-Svea loams, 0 to 2 percent slopes	Svea	35	66	91	110	125	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
J112B	Barnes-Svea loams, 1 to 6 percent slopes	Barnes	60	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
J112B	Barnes-Svea loams, 1 to 6 percent slopes	Svea	30	66	91	110	125	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
J113A	Brookings silty clay loam, 0 to 2 percent slopes	Brookings	90	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
J114C	Buse-Barnes loams, 2 to 15 percent slopes, very stony	Buse	50	50	69	85	97	0
				40	58	73	87	1
				33	50	64	77	2
				29	43	56	68	3
				25	38	50	61	4
				22	33	44	55	5
				20	30	40	50	6
J114C	Buse-Barnes loams, 2 to 15 percent slopes, very stony	Barnes	35	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
J114E	Buse-Barnes loams, 9 to 40 percent slopes, very stony	Buse	50	50	69	85	97	0
				40	58	73	87	1
				33	50	64	77	2
				29	43	56	68	3
				25	38	50	61	4
				22	33	44	55	5
				20	30	40	50	6
J114E	Buse-Barnes loams, 9 to 40 percent slopes, very stony	Barnes	40	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
J115D	Buse-Barnes loams, 9 to 20 percent slopes	Buse	50	50	69	85	97	0
				40	58	73	87	1
				33	50	64	77	2
				29	43	56	68	3
				25	38	50	61	4
				22	33	44	55	5
				20	30	40	50	6
J115D	Buse-Barnes loams, 9 to 20 percent slopes	Barnes	40	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
J116E	Buse-Lamoure, channeled, frequently flooded, complex, 0 to 40 percent slopes	Buse	55	50	69	85	97	0
				40	58	73	87	1
				33	50	64	77	2
				29	43	56	68	3
				25	38	50	61	4
				22	33	44	55	5
				20	30	40	50	6
J116E	Buse-Lamoure, channeled, frequently flooded, complex, 0 to 40 percent slopes	Lamoure	30	93	126	151	170	0
				63	95	120	141	1
				48	72	96	116	2
				39	58	78	96	3
				33	49	65	81	4
				28	42	56	70	5
				25	37	49	61	6
J117E	Buse-Langhei complex, 15 to 40 percent slopes	Buse	50	50	69	85	97	0
				40	58	73	87	1
				33	50	64	77	2
				29	43	56	68	3
				25	38	50	61	4
				22	33	44	55	5
				20	30	40	50	6
J117E	Buse-Langhei complex, 15 to 40 percent slopes	Langhei	35	48	67	82	94	0
				39	56	71	84	1
				32	49	62	75	2
				28	42	55	67	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
J118C	Buse-Poinsett complex, 6 to 9 percent slopes	Buse	45	50	69	85	97	0
				40	58	73	87	1
				33	50	64	77	2
				29	43	56	68	3
				25	38	50	61	4
				22	33	44	55	5
				20	30	40	50	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
J118C	Buse-Poinsett complex, 6 to 9 percent slopes	Poinsett	40	86	116	139	157	0
				60	89	112	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
J119E	Buse-Sioux complex, 9 to 40 percent slopes	Buse	50	50	69	85	97	0
				40	58	73	87	1
				33	50	64	77	2
				29	43	56	68	3
				25	38	50	61	4
				22	33	44	55	5
				20	30	40	50	6
J119E	Buse-Sioux complex, 9 to 40 percent slopes	Sioux	30	453	584	678	749	0
				139	208	277	347	1
				82	123	164	205	2
				58	87	116	145	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
J120A	Cavour-Ferney silt loams, 0 to 2 percent slopes	Cavour	50	71	97	117	132	0
				52	77	98	114	1
				42	62	81	98	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
J120A	Cavour-Ferney silt loams, 0 to 2 percent slopes	Ferney	30	52	73	89	101	0
				41	60	77	90	1
				34	51	66	80	2
				29	44	58	71	3
				25	38	51	63	4
				23	34	45	56	5
				20	30	41	51	6
J121A	Colvin silty clay loam, till substratum, 0 to 1 percent slopes	Colvin	85	71	97	117	132	0
				52	77	98	114	1
				42	62	81	98	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
J122A	Cubden silty clay loam, 0 to 2 percent slopes	Cubden	85	67	92	110	125	0
				50	74	93	108	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
J123A	Cubden-Badger silty clay loams, 0 to 2 percent slopes	Cubden	50	67	92	110	125	0
				50	74	93	108	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
J123A	Cubden-Badger silty clay loams, 0 to 2 percent slopes	Badger	40	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
J124A	Cubden-Tonka silty clay loams, 0 to 2 percent slopes	Cubden	55	67	92	110	125	0
				50	74	93	108	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
J124A	Cubden-Tonka silty clay loams, 0 to 2 percent slopes	Tonka	35	70	96	115	130	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
J125A	Divide loam, 0 to 2 percent slopes, occasionally flooded	Divide	80	235	308	360	399	0
				108	162	216	262	1
				70	105	140	175	2
				52	78	104	130	3
				41	62	82	103	4
				34	51	68	85	5
				29	44	58	73	6
J126A	Doburg-Forestville loams, 0 to 2 percent slopes	Doburg	65	63	87	105	119	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
J126A	Doburg-Forestville loams, 0 to 2 percent slopes	Forestville	28	63	87	105	119	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
J126B	Doburg-Forestville loams, 1 to 6 percent slopes	Doburg	65	63	87	105	119	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
J126B	Doburg-Forestville loams, 1 to 6 percent slopes	Forestville	28	63	87	105	119	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
J127A	Egeland-Embden complex, 0 to 2 percent slopes	Egeland	50	152	202	238	265	0
				86	130	168	201	1
				60	90	121	151	2
				46	70	93	116	3
				38	56	75	94	4
				32	48	63	79	5
				27	41	55	68	6
J127A	Egeland-Embden complex, 0 to 2 percent slopes	Embden	40	163	215	253	282	0
				90	135	176	210	1
				62	93	124	155	2
				47	71	95	118	3
				38	57	77	96	4
				32	48	64	80	5
				28	42	55	69	6
J127B	Egeland-Embden complex, 2 to 6 percent slopes	Egeland	60	152	202	238	265	0
				86	130	168	201	1
				60	90	121	151	2
				46	70	93	116	3
				38	56	75	94	4
				32	48	63	79	5
				27	41	55	68	6
J127B	Egeland-Embden complex, 2 to 6 percent slopes	Embden	30	163	215	253	282	0
				90	135	176	210	1
				62	93	124	155	2
				47	71	95	118	3
				38	57	77	96	4
				32	48	64	80	5
				28	42	55	69	6
J128A	Estelline silt loam, 0 to 2 percent slopes	Estelline	80	540	695	805	889	0
				146	219	292	365	1
				84	127	169	211	2
				59	89	119	148	3
				46	69	92	114	4
				37	56	74	93	5
				31	47	63	78	6
J128B	Estelline silt loam, 2 to 6 percent slopes	Estelline	80	540	695	805	889	0
				146	219	292	365	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				84	127	169	211	2
				59	89	119	148	3
				46	69	92	114	4
				37	56	74	93	5
				31	47	63	78	6
J129B	Estelline-Kampeska silt loams, 2 to 6 percent slopes	Estelline	50	540	695	805	889	0
				146	219	292	365	1
				84	127	169	211	2
				59	89	119	148	3
				46	69	92	114	4
				37	56	74	93	5
				31	47	63	78	6
J129B	Estelline-Kampeska silt loams, 2 to 6 percent slopes	Kampeska	35	234	306	358	398	0
				108	162	216	262	1
				70	105	140	175	2
				52	78	104	130	3
				41	62	82	103	4
				34	51	68	85	5
				29	44	58	73	6
J130B	Estelline-Sioux complex, 2 to 6 percent slopes	Estelline	60	540	695	805	889	0
				146	219	292	365	1
				84	127	169	211	2
				59	89	119	148	3
				46	69	92	114	4
				37	56	74	93	5
				31	47	63	78	6
J130B	Estelline-Sioux complex, 2 to 6 percent slopes	Sioux	30	453	584	678	749	0
				139	208	277	347	1
				82	123	164	205	2
				58	87	116	145	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
J131A	Fairdale loam, channeled, 0 to 2 percent slopes, frequently flooded	Fairdale	70	155	206	242	270	0
				87	131	170	204	1
				61	91	122	152	2
				47	70	93	117	3
				38	57	76	95	4
				32	48	64	79	5
				27	41	55	69	6
J132A	Fordtown loam, 0 to 2 percent slopes, rarely flooded	Fordtown	80	356	461	536	593	0
				128	192	256	320	1
				78	117	156	195	2
				56	84	112	140	3
				44	66	88	110	4
				36	54	72	90	5
				30	46	61	76	6
J133A	Forman-Aastad loams, 0 to 2 percent slopes	Forman	55	51	72	87	99	0
				41	60	76	88	1
				34	51	65	78	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				29	43	57	70	3
				25	38	50	62	4
				22	34	45	56	5
				20	30	40	50	6
J133A	Forman-Aastad loams, 0 to 2 percent slopes	Aastad	35	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
J133B	Forman-Aastad loams, 1 to 6 percent slopes	Forman	60	51	72	87	99	0
				41	60	76	88	1
				34	51	65	78	2
				29	43	57	70	3
				25	38	50	62	4
				22	34	45	56	5
				20	30	40	50	6
J133B	Forman-Aastad loams, 1 to 6 percent slopes	Aastad	30	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
J134C	Forman-Buse-Aastad loams, 2 to 9 percent slopes	Forman	40	51	72	87	99	0
				41	60	76	88	1
				34	51	65	78	2
				29	43	57	70	3
				25	38	50	62	4
				22	34	45	56	5
				20	30	40	50	6
J134C	Forman-Buse-Aastad loams, 2 to 9 percent slopes	Buse	35	50	69	85	97	0
				40	58	73	87	1
				33	50	64	77	2
				29	43	56	68	3
				25	38	50	61	4
				22	33	44	55	5
				20	30	40	50	6
J134C	Forman-Buse-Aastad loams, 2 to 9 percent slopes	Aastad	20	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
J135A	Goldsmith silty clay loam, 0 to 2 percent slopes	Goldsmith	80	242	316	369	409	0
				110	164	219	267	1
				71	106	142	177	2
				52	78	105	131	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				41	62	83	104	4
				34	51	69	86	5
				29	44	59	73	6
J136A	Great Bend-Beotia silt loams, 0 to 2 percent slopes	Great Bend	55	128	171	202	226	0
				78	117	150	178	1
				56	84	112	138	2
				44	66	88	110	3
				36	54	72	90	4
				30	46	61	76	5
				26	40	53	66	6
J136A	Great Bend-Beotia silt loams, 0 to 2 percent slopes	Beotia	40	131	175	207	231	0
				79	119	152	181	1
				57	85	113	140	2
				44	66	88	110	3
				36	54	72	90	4
				31	46	61	77	5
				27	40	53	66	6
J137B	Great Bend-Zell silt loams, 2 to 6 percent slopes	Great Bend	50	125	167	198	221	0
				77	115	147	175	1
				56	83	111	136	2
				43	65	87	109	3
				36	54	71	89	4
				30	45	61	76	5
				26	39	53	66	6
J137B	Great Bend-Zell silt loams, 2 to 6 percent slopes	Zell	40	194	255	299	332	0
				98	148	196	234	1
				66	99	132	165	2
				50	74	99	124	3
				40	60	80	99	4
				33	50	66	83	5
				28	43	57	71	6
J137C	Great Bend-Zell silt loams, 6 to 9 percent slopes	Great Bend	50	125	167	198	221	0
				77	115	147	175	1
				56	83	111	136	2
				43	65	87	109	3
				36	54	71	89	4
				30	45	61	76	5
				26	39	53	66	6
J137C	Great Bend-Zell silt loams, 6 to 9 percent slopes	Zell	45	194	255	299	332	0
				98	148	196	234	1
				66	99	132	165	2
				50	74	99	124	3
				40	60	80	99	4
				33	50	66	83	5
				28	43	57	71	6
J138A	Hamerly-Badger complex, 0 to 2 percent slopes	Hamerly	65	57	79	95	108	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				24	35	47	59	5
				21	32	42	53	6
J138A	Hamerly-Badger complex, 0 to 2 percent slopes	Badger	25	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
J139A	Hamerly-Balaton loams, 0 to 3 percent slopes	Hamerly	55	57	79	95	108	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
J139A	Hamerly-Balaton loams, 0 to 3 percent slopes	Balaton	35	61	84	101	115	0
				47	68	86	101	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
J140A	Hamerly-Tonka complex, 0 to 2 percent slopes	Hamerly	60	57	79	95	108	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
J140A	Hamerly-Tonka complex, 0 to 2 percent slopes	Tonka	25	70	96	115	130	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
J141A	Hetland silty clay loam, 0 to 2 percent slopes	Hetland	85	82	112	134	151	0
				58	86	109	128	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6
J141B	Hetland silty clay loam, 2 to 6 percent slopes	Hetland	85	82	112	134	151	0
				58	86	109	128	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				24	36	47	59	6
J142A	Hidewood silty clay loam, 0 to 2 percent slopes, frequently flooded	Hidewood	75	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
J143A	Kranzburg-Brookings silty clay loams, 0 to 2 percent slopes	Kranzburg	65	68	94	113	128	0
				51	75	95	111	1
				40	61	79	96	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
J143A	Kranzburg-Brookings silty clay loams, 0 to 2 percent slopes	Brookings	25	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
J143B	Kranzburg-Brookings silty clay loams, 1 to 6 percent slopes	Kranzburg	70	68	94	113	128	0
				51	75	95	111	1
				40	61	79	96	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
J143B	Kranzburg-Brookings silty clay loams, 1 to 6 percent slopes	Brookings	20	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
J144B	Kings lake-Buse-Waubay complex, 1 to 6 percent slopes	Kings lake	40	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
J144B	Kings lake-Buse-Waubay complex, 1 to 6 percent slopes	Buse	30	50	69	85	97	0
				40	58	73	87	1
				33	50	64	77	2
				29	43	56	68	3
				25	38	50	61	4
				22	33	44	55	5
				20	30	40	50	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
J144B	Kings lake-Buse-Waubay complex, 1 to 6 percent slopes	Waubay	20	99	133	158	178	0
				66	99	125	146	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
J145A	Kranzburg-Cresbard complex, 0 to 2 percent slopes	Kranzburg	50	68	94	113	128	0
				51	75	95	111	1
				40	61	79	96	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
J145A	Kranzburg-Cresbard complex, 0 to 2 percent slopes	Cresbard	30	85	116	139	156	0
				60	89	112	132	1
				46	69	91	110	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
J146A	Lamoure-Rauville silty clay loams, channeled, 0 to 2 percent slopes, frequently flooded	Lamoure	65	93	126	151	170	0
				63	95	120	141	1
				48	72	96	116	2
				39	58	78	96	3
				33	49	65	81	4
				28	42	56	70	5
				25	37	49	61	6
J146A	Lamoure-Rauville silty clay loams, channeled, 0 to 2 percent slopes, frequently flooded	Rauville	25	112	150	178	199	0
				72	108	136	161	1
				53	79	106	128	2
				42	63	84	104	3
				35	52	69	86	4
				29	44	59	74	5
				26	39	51	64	6
J147A	Lowe loam, 0 to 1 percent slopes, occasionally flooded	Lowe	85	108	145	173	194	0
				70	105	133	157	1
				52	78	104	126	2
				41	62	82	103	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	64	6
J148E	Maddock loamy fine sand, 9 to 25 percent slopes	Maddock	85	258	336	392	435	0
				113	169	225	276	1
				72	108	144	180	2
				53	79	106	132	3
				42	63	84	105	4
				35	52	69	87	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				30	44	59	74	6
J149B	Maddock-Egeland sandy loams, 2 to 6 percent slopes	Maddock	55	307	399	465	515	0
				121	182	242	303	1
				75	113	151	189	2
				55	82	110	137	3
				43	64	86	107	4
				35	53	71	88	5
				30	45	60	75	6
J149B	Maddock-Egeland sandy loams, 2 to 6 percent slopes	Egeland	35	152	202	238	265	0
				86	130	168	201	1
				60	90	121	151	2
				46	70	93	116	3
				38	56	75	94	4
				32	48	63	79	5
				27	41	55	68	6
J149C	Maddock-Egeland sandy loams, 6 to 9 percent slopes	Maddock	60	307	399	465	515	0
				121	182	242	303	1
				75	113	151	189	2
				55	82	110	137	3
				43	64	86	107	4
				35	53	71	88	5
				30	45	60	75	6
J149C	Maddock-Egeland sandy loams, 6 to 9 percent slopes	Egeland	30	152	202	238	265	0
				86	130	168	201	1
				60	90	121	151	2
				46	70	93	116	3
				38	56	75	94	4
				32	48	63	79	5
				27	41	55	68	6
J150A	Mahoney silt loam, 0 to 2 percent slopes	Mahoney	85	231	302	353	392	0
				107	161	214	260	1
				70	105	140	174	2
				52	78	103	129	3
				41	62	82	103	4
				34	51	68	85	5
				29	44	58	73	6
J151A	Marysland loam, 0 to 1 percent slopes, occasionally flooded	Marysland	80	503	648	752	830	0
				143	215	286	358	1
				83	125	167	209	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
J152A	Mauvais clay loam, occasionally ponded, 0 to 2 percent slopes	Mauvais	80	45	64	78	89	0
				37	54	68	80	1
				31	46	60	72	2
				27	40	53	65	3
				24	36	47	58	4
				21	32	42	52	5
				19	29	38	48	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
J153B	Mauvais clay loam, occasionally ponded, 2 to 6 percent slopes, extremely stony	Mauvais	80	45	64	78	89	0
				37	54	68	80	1
				31	46	60	72	2
				27	40	53	65	3
				24	36	47	58	4
				21	32	42	52	5
				19	29	38	48	6
J154A	Mckranz silty clay loam, 0 to 2 percent slopes	Mckranz	70	65	90	108	123	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
J155A	Mckranz silty clay loam, moderately saline, 0 to 2 percent slopes	Mckranz	85	61	84	101	115	0
				47	68	86	101	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
J156A	Mckranz-Badger silty clay loams, 0 to 2 percent slopes	Mckranz	60	65	90	108	123	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
J156A	Mckranz-Badger silty clay loams, 0 to 2 percent slopes	Badger	25	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
J157A	Mckranz-Hidewood, frequently flooded, silty clay loams, 0 to 2 percent slopes	Mckranz	65	65	90	108	123	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
J157A	Mckranz-Hidewood, frequently flooded, silty clay loams, 0 to 2 percent slopes	Hidewood	25	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
J158A	Minnewasta sandy loam, occasionally ponded, 0 to 2 percent slopes	Minnewasta	80	93	125	149	168	0
				63	95	119	140	1
				48	72	96	115	2
				39	58	78	96	3
				33	49	65	81	4
				28	42	56	70	5
				25	37	49	61	6
J158B	Minnewasta sandy loam, occasionally ponded, 2 to 6 percent slopes	Minnewasta	80	93	125	149	168	0
				63	95	119	140	1
				48	72	96	115	2
				39	58	78	96	3
				33	49	65	81	4
				28	42	56	70	5
				25	37	49	61	6
J159A	Minnewaukan loamy sand, occasionally ponded, 0 to 3 percent slopes	Minnewaukan	85	323	420	489	541	0
				124	185	247	309	1
				76	115	153	191	2
				55	83	111	138	3
				43	65	87	108	4
				36	53	71	89	5
				30	45	60	76	6
J160A	Moritz, occasionally flooded-Lamoure, frequently flooded, complex, 0 to 2 percent slopes	Moritz	50	91	123	146	165	0
				63	93	117	137	1
				48	71	95	114	2
				38	58	77	95	3
				32	48	65	81	4
				28	42	56	69	5
				24	37	49	61	6
J160A	Moritz, occasionally flooded-Lamoure, frequently flooded, complex, 0 to 2 percent slopes	Lamoure	30	93	126	151	170	0
				63	95	120	141	1
				48	72	96	116	2
				39	58	78	96	3
				33	49	65	81	4
				28	42	56	70	5
				25	37	49	61	6
J161A	Parnell silty clay loam, 0 to 1 percent slopes	Parnell	85	70	96	115	130	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
J162B	Poinsett-Buse-Waubay complex, 1 to 6 percent slopes	Poinsett	40	83	112	134	152	0
				59	87	109	128	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				24	36	48	59	6
J162B	Poinsett-Buse-Waubay complex, 1 to 6 percent slopes	Buse	30	50	69	85	97	0
				40	58	73	87	1
				33	50	64	77	2
				29	43	56	68	3
				25	38	50	61	4
				22	33	44	55	5
				20	30	40	50	6
J162B	Poinsett-Buse-Waubay complex, 1 to 6 percent slopes	Waubay	20	99	133	158	178	0
				66	99	125	146	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
J162C	Poinsett-Buse-Waubay complex, 2 to 9 percent slopes	Poinsett	40	86	116	139	157	0
				60	89	112	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
J162C	Poinsett-Buse-Waubay complex, 2 to 9 percent slopes	Buse	30	50	69	85	97	0
				40	58	73	87	1
				33	50	64	77	2
				29	43	56	68	3
				25	38	50	61	4
				22	33	44	55	5
				20	30	40	50	6
J162C	Poinsett-Buse-Waubay complex, 2 to 9 percent slopes	Waubay	20	99	133	158	178	0
				66	99	125	146	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
J163B	Poinsett-Rusklyn-Waubay silty clay loams, 1 to 6 percent slopes	Poinsett	45	86	116	139	157	0
				60	89	112	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
J163B	Poinsett-Rusklyn-Waubay silty clay loams, 1 to 6 percent slopes	Rusklyn	25	77	106	127	143	0
				56	82	105	122	1
				44	65	85	104	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
J163B	Poinsett-Rusklyn-Waubay silty clay loams, 1 to 6 percent slopes	Waubay	20	99	133	158	178	0
				66	99	125	146	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
J164A	Poinsett-Waubay silty clay loams, 0 to 2 percent slopes	Poinsett	60	86	116	139	157	0
				60	89	112	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
J164A	Poinsett-Waubay silty clay loams, 0 to 2 percent slopes	Waubay	30	99	133	158	178	0
				66	99	125	146	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
J164B	Poinsett-Waubay silty clay loams, 1 to 6 percent slopes	Poinsett	65	86	116	139	157	0
				60	89	112	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
J164B	Poinsett-Waubay silty clay loams, 1 to 6 percent slopes	Waubay	25	99	133	158	178	0
				66	99	125	146	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
J165A	Rauville mucky silty clay loam, ponded, 0 to 1 percent slopes, frequently flooded	Rauville	85	113	152	180	202	0
				72	108	137	163	1
				53	80	106	129	2
				42	63	84	105	3
				35	52	69	87	4
				30	44	59	74	5
				26	39	51	64	6
J166A	Rauville silty clay loam, 0 to 1 percent slopes, frequently flooded	Rauville	85	112	150	178	199	0
				72	108	136	161	1
				53	79	106	128	2
				42	63	84	104	3
				35	52	69	86	4
				29	44	59	74	5
				26	39	51	64	6
J167A	Renshaw loam, 0 to 2 percent slopes	Renshaw	90	220	288	338	375	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				105	157	210	252	1
				69	103	138	172	2
				51	77	102	128	3
				41	61	81	102	4
				34	51	68	85	5
				29	43	58	72	6
J167B	Renshaw loam, 2 to 6 percent slopes	Renshaw	85	220	288	338	375	0
				105	157	210	252	1
				69	103	138	172	2
				51	77	102	128	3
				41	61	81	102	4
				34	51	68	85	5
				29	43	58	72	6
J168A	Renshaw-Fordville loams, 0 to 2 percent slopes	Renshaw	55	220	288	338	375	0
				105	157	210	252	1
				69	103	138	172	2
				51	77	102	128	3
				41	61	81	102	4
				34	51	68	85	5
				29	43	58	72	6
J168A	Renshaw-Fordville loams, 0 to 2 percent slopes	Fordville	35	489	630	731	807	0
				142	213	284	355	1
				83	125	166	208	2
				59	88	117	147	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
J168B	Renshaw-Fordville loams, 2 to 6 percent slopes	Renshaw	60	220	288	338	375	0
				105	157	210	252	1
				69	103	138	172	2
				51	77	102	128	3
				41	61	81	102	4
				34	51	68	85	5
				29	43	58	72	6
J168B	Renshaw-Fordville loams, 2 to 6 percent slopes	Fordville	30	489	630	731	807	0
				142	213	284	355	1
				83	125	166	208	2
				59	88	117	147	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
J169B	Renshaw-Sioux complex, 2 to 6 percent slopes	Renshaw	55	220	288	338	375	0
				105	157	210	252	1
				69	103	138	172	2
				51	77	102	128	3
				41	61	81	102	4
				34	51	68	85	5
				29	43	58	72	6
J169B	Renshaw-Sioux complex, 2 to 6 percent slopes	Sioux	30	453	584	678	749	0
				139	208	277	347	1
				82	123	164	205	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				58	87	116	145	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
J169C	Renshaw-Sioux complex, 6 to 9 percent slopes	Renshaw	50	220	288	338	375	0
				105	157	210	252	1
				69	103	138	172	2
				51	77	102	128	3
				41	61	81	102	4
				34	51	68	85	5
				29	43	58	72	6
J169C	Renshaw-Sioux complex, 6 to 9 percent slopes	Sioux	40	453	584	678	749	0
				139	208	277	347	1
				82	123	164	205	2
				58	87	116	145	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
J170A	Rentill loam, 0 to 2 percent slopes	Rentill	90	109	146	174	195	0
				71	106	134	158	1
				52	78	104	126	2
				41	62	83	103	3
				34	51	69	86	4
				29	44	59	73	5
				26	38	51	64	6
J171A	Renwash loam, 0 to 2 percent slopes, rarely flooded	Renwash	85	411	531	617	682	0
				135	202	269	336	1
				80	121	161	201	2
				57	86	115	143	3
				45	67	89	111	4
				36	55	73	91	5
				31	46	62	77	6
J172A	Sedgeville sandy loam, 0 to 1 percent slopes, frequently flooded	Sedgeville	85	247	322	377	418	0
				111	166	221	270	1
				71	107	142	178	2
				52	79	105	131	3
				42	62	83	104	4
				34	52	69	86	5
				29	44	59	73	6
J173D	Sioux-Renshaw complex, 9 to 15 percent slopes	Sioux	50	453	584	678	749	0
				139	208	277	347	1
				82	123	164	205	2
				58	87	116	145	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
J173D	Sioux-Renshaw complex, 9 to 15 percent slopes	Renshaw	35	220	288	338	375	0
				105	157	210	252	1
				69	103	138	172	2
				51	77	102	128	3
				41	61	81	102	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				34	51	68	85	5
				29	43	58	72	6
J173E	Sioux-Renshaw complex, 15 to 40 percent slopes	Sioux	60	453	584	678	749	0
				139	208	277	347	1
				82	123	164	205	2
				58	87	116	145	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
J173E	Sioux-Renshaw complex, 15 to 40 percent slopes	Renshaw	30	220	288	338	375	0
				105	157	210	252	1
				69	103	138	172	2
				51	77	102	128	3
				41	61	81	102	4
				34	51	68	85	5
				29	43	58	72	6
J174E	Sioux-Renshaw complex, 15 to 40 percent slopes, very stony	Sioux	60	453	584	678	749	0
				139	208	277	347	1
				82	123	164	205	2
				58	87	116	145	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
J174E	Sioux-Renshaw complex, 15 to 40 percent slopes, very stony	Renshaw	30	220	288	338	375	0
				105	157	210	252	1
				69	103	138	172	2
				51	77	102	128	3
				41	61	81	102	4
				34	51	68	85	5
				29	43	58	72	6
J175A	Southam silty clay loam, 0 to 1 percent slopes	Southam	90	77	105	126	142	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
J176A	Spottswood loam, 0 to 2 percent slopes, occasionally flooded	Spottswood	85	468	603	700	773	0
				140	210	280	350	1
				82	124	165	206	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
J177A	Still lake-Graceland silty clay loams, 0 to 2 percent slopes	Still lake	60	79	108	129	146	0
				57	84	106	124	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				23	35	47	59	6
J177A	Still lake-Graceland silty clay loams, 0 to 2 percent slopes	Graceland	30	66	91	110	125	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
J177B	Still lake-Graceland silty clay loams, 1 to 6 percent slopes	Still lake	65	79	108	129	146	0
				57	84	106	124	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
J177B	Still lake-Graceland silty clay loams, 1 to 6 percent slopes	Graceland	25	66	91	110	125	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
J178A	Swenoda fine sandy loam, 0 to 2 percent slopes	Swenoda	80	70	96	115	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
J179A	Tonka silty clay loam, 0 to 1 percent slopes	Tonka	90	70	96	115	130	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
J182A	Vallers loam, 0 to 1 percent slopes	Vallers	85	53	74	89	102	0
				42	61	77	90	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
J183A	Vallers-Hamerly loams, 0 to 2 percent slopes	Vallers	60	53	74	89	102	0
				42	61	77	90	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
J183A	Vallers-Hamerly loams, 0 to 2 percent slopes	Hamerly	30	57	79	95	108	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
J184A	Vallers-Parnell complex, 0 to 2 percent slopes	Vallers	45	53	74	89	102	0
				42	61	77	90	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
J184A	Vallers-Parnell complex, 0 to 2 percent slopes	Parnell	35	70	96	115	130	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
J185B	Vienna-Barnes-Forestville loams, 1 to 6 percent slopes	Vienna	40	65	90	109	123	0
				49	72	92	108	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
J185B	Vienna-Barnes-Forestville loams, 1 to 6 percent slopes	Barnes	30	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
J185B	Vienna-Barnes-Forestville loams, 1 to 6 percent slopes	Forestville	15	63	87	105	119	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
J186A	Vienna-Brookings complex, 0 to 2 percent slopes	Vienna	65	70	97	116	132	0
				52	76	97	113	1
				41	62	81	98	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
J186A	Vienna-Brookings complex, 0 to 2 percent slopes	Brookings	25	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
J186B	Vienna-Brookings complex, 1 to 6 percent slopes	Vienna	70	79	107	128	145	0
				57	84	105	123	1
				44	66	87	104	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
J186B	Vienna-Brookings complex, 1 to 6 percent slopes	Brookings	20	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
J187C	Vienna-Buse complex, 6 to 9 percent slopes	Vienna	65	79	107	128	145	0
				57	84	105	123	1
				44	66	87	104	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
J187C	Vienna-Buse complex, 6 to 9 percent slopes	Buse	25	50	69	85	97	0
				40	58	73	87	1
				33	50	64	77	2
				29	43	56	68	3
				25	38	50	61	4
				22	33	44	55	5
				20	30	40	50	6
J188A	Vienna-Forestville loams, 0 to 2 percent slopes	Vienna	60	65	90	109	123	0
				49	72	92	108	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
J188A	Vienna-Forestville loams, 0 to 2 percent slopes	Forestville	25	63	87	105	119	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
J189B	Wamduska gravelly loamy coarse sand, occasionally ponded, 2 to 6 percent slopes	Wamduska	80	203	266	312	347	0
				101	151	201	240	1
				67	100	134	167	2
				50	75	100	125	3
				40	60	80	100	4
				33	50	67	84	5
				29	43	57	72	6
J190B	Wamduska gravelly loamy coarse sand, occasionally ponded, 2 to 6 percent slopes, extremely stony	Wamduska	80	203	266	312	347	0
				101	151	201	240	1
				67	100	134	167	2
				50	75	100	125	3
				40	60	80	100	4
				33	50	67	84	5
				29	43	57	72	6
J191A	Waubay silty clay loam, 0 to 2 percent slopes	Waubay	90	99	133	158	178	0
				66	99	125	146	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
J192A	Waubay-Badger silty clay loams, 0 to 2 percent slopes	Waubay	55	99	133	158	178	0
				66	99	125	146	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
J192A	Waubay-Badger silty clay loams, 0 to 2 percent slopes	Badger	35	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
J193D	Zell-Great Bend silt loams, 9 to 15 percent slopes	Zell	65	194	255	299	332	0
				98	148	196	234	1
				66	99	132	165	2
				50	74	99	124	3
				40	60	80	99	4
				33	50	66	83	5
				28	43	57	71	6
J193D	Zell-Great Bend silt loams, 9 to 15 percent slopes	Great Bend	30	127	169	200	224	0
				78	117	149	176	1
				56	84	112	138	2
				44	66	87	109	3
				36	54	72	90	4
				30	46	61	76	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				26	40	53	66	6
J194A	Oldham silty clay loam, 0 to 1 percent slopes	Oldham	85	67	92	111	126	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
J239A	La Prairie loam, 0 to 2 percent slopes, occasionally flooded	La Prairie	85	74	101	122	138	0
				54	80	101	118	1
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	34	46	57	6
J241A	Brandt silty clay loam, 0 to 2 percent slopes	Brandt	85	249	325	380	422	0
				111	166	222	271	1
				71	107	143	178	2
				53	79	105	131	3
				42	62	83	104	4
				34	52	69	86	5
				29	44	59	73	6
J241B	Brandt silty clay loam, 2 to 6 percent slopes	Brandt	80	168	221	260	290	0
				91	137	179	214	1
				63	94	125	157	2
				48	72	95	119	3
				39	58	77	96	4
				32	48	65	81	5
				28	42	56	70	6
J244A	Lamoure silty clay loam, 0 to 1 percent slopes, occasionally flooded	Lamoure	85	93	126	151	170	0
				63	95	120	141	1
				48	72	96	116	2
				39	58	78	96	3
				33	49	65	81	4
				28	42	56	70	5
				25	37	49	61	6
J245A	Darnen loam, stratified substratum, 0 to 2 percent slopes	Darnen	90	119	159	189	211	0
				75	112	142	168	1
				54	82	109	133	2
				43	64	85	107	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
J246A	Fordville loam, 0 to 2 percent slopes	Fordville	85	489	630	731	807	0
				142	213	284	355	1
				83	125	166	208	2
				59	88	117	147	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
J247B	Lanona-Swenoda fine sandy loams, 2 to 6 percent slopes	Lanona	55	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
J247B	Lanona-Swenoda fine sandy loams, 2 to 6 percent slopes	Swenoda	35	70	96	115	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
J257A	Graceland silty clay loam, 0 to 2 percent slopes	Graceland	90	66	91	110	125	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
J258B	Darnen loam, 2 to 6 percent slopes	Darnen	90	64	88	106	121	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6

South Dakota Lateral Effect Tables for Corson

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
An	Arnegard loam	Arnegard	90	86	117	139	157	0
				60	89	113	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
Bb	Badland	Badland	85	56	78	95	108	0
				44	64	81	96	1
				36	54	70	84	2
				31	46	60	74	3
				27	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
Bd	Banks fine sand	Banks	85	293	380	444	491	0
				119	178	238	296	1
				75	112	149	186	2
				54	81	109	136	3
				43	64	85	107	4
				35	53	70	88	5
				30	45	60	75	6
BeA	slopes	Daglum	25	41	59	72	83	0
				34	50	64	75	1
				29	44	57	67	2
				26	38	50	61	3
				23	34	45	55	4
				20	31	41	50	5
				18	28	37	46	6
BfA	Bryant silt loam, 0 to 2 percent slopes	Bryant	90	120	160	189	212	0
				75	112	143	169	1
				54	82	109	133	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
BfB	Bryant silt loam, 2 to 6 percent slopes	Bryant	90	120	160	189	212	0
				75	112	143	169	1
				54	82	109	133	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
BgB	Bryant-Sutley silt loams, 2 to 6 percent slopes	Bryant	60	120	160	189	212	0
				75	112	143	169	1
				54	82	109	133	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
BgB	Bryant-Sutley silt loams, 2 to 6 percent slopes	Sutley	30	173	228	268	298	0
				93	139	182	218	1
				63	95	127	158	2
				48	72	96	120	3
				39	58	78	97	4
				32	49	65	81	5
				28	42	56	70	6
BgC	Bryant-Sutley silt loams, 6 to 9 percent slopes	Bryant	60	120	160	189	212	0
				75	112	143	169	1
				54	82	109	133	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
BgC	Bryant-Sutley silt loams, 6 to 9 percent slopes	Sutley	30	173	228	268	298	0
				93	139	182	218	1
				63	95	127	158	2
				48	72	96	120	3
				39	58	78	97	4
				32	49	65	81	5
				28	42	56	70	6
BlA	Bullcreek clay, 0 to 4 percent slopes	Bullcreek	90	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
BmA	slopes	Bullcreek	55	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
BvE	to 40 percent slopes	Rockoutcrop	25	56	78	95	108	0
				44	64	81	96	1
				36	54	70	84	2
				31	46	60	74	3
				27	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
BzB	percent slopes	Telfer	30	120	161	191	213	0
				75	113	143	170	1
				55	82	109	134	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
CeE	Cabba-Shambo loams, 6 to 40 percent slopes	Shambo	25	120	161	190	213	0
				75	113	143	170	1
				55	82	109	134	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
CgF	70 percent slopes	Rockoutcrop	20	56	78	95	108	0
				44	64	81	96	1
				36	54	70	84	2
				31	46	60	74	3
				27	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
DaA	Daglum loam, 0 to 3 percent slopes	Daglum	85	41	59	72	83	0
				34	50	64	75	1
				29	44	57	67	2
				26	38	50	61	3
				23	34	45	55	4
				20	31	41	50	5
				18	28	37	46	6
DuD	percent slopes	Rockoutcrop	25	56	78	95	108	0
				44	64	81	96	1
				36	54	70	84	2
				31	46	60	74	3
				27	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
EpB	slopes	Parshall	30	122	164	194	217	0
				76	114	145	172	1
				55	83	110	135	2
				43	65	86	108	3
				36	53	71	89	4
				30	45	60	75	5
				26	39	52	66	6
FaA	Farnuf loam, 0 to 2 percent slopes	Farnuf	90	78	106	127	144	0
				56	83	105	123	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
FaB	Farnuf loam, 2 to 6 percent slopes	Farnuf	90	78	106	127	144	0
				56	83	105	123	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
FrF	percent slopes	Rockoutcrop	30	56	78	95	108	0
				44	64	81	96	1
				36	54	70	84	2
				31	46	60	74	3
				27	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
FtF	slopes	Telfer	40	120	161	191	213	0
				75	113	143	170	1
				55	82	109	134	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
Ge	Glenross fine sandy loam	Glenross	90	227	296	347	385	0
				106	159	212	257	1
				69	104	139	173	2
				52	77	103	129	3
				41	61	82	102	4
				34	51	68	85	5
				29	44	58	73	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Gk	Glenross-Ekalaka fine sandy loams	Glenross	55	227	296	347	385	0
				106	159	212	257	1
				69	104	139	173	2
				52	77	103	129	3
				41	61	82	102	4
				34	51	68	85	5
				29	44	58	73	6
Gr	Grail silty clay loam	Grail	90	61	84	102	115	0
				47	68	86	101	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
Gs	Grassna silt loam	Grassna	90	113	151	179	201	0
				72	108	137	162	1
				53	79	106	129	2
				42	63	84	105	3
				35	52	69	87	4
				30	44	59	74	5
				26	39	51	64	6
Hd	Harriet loam	Harriet	90	77	106	127	143	0
				56	82	104	122	1
				44	65	85	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
Hf	Havrelon loam	Havrelon	85	60	83	101	114	0
				46	68	86	100	1
				38	56	73	88	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
Hg	Havrelon loam, channeled	Havrelon	90	60	83	101	114	0
				46	68	86	100	1
				38	56	73	88	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Hn	Havrelon loam, terrace	Havrelon	90	75	102	123	139	0
				55	80	102	119	1
				43	64	84	102	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
HrA	slopes	Havrelon	55	75	102	123	139	0
				55	80	102	119	1
				43	64	84	102	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
HrA	slopes	Rhoades	30	72	98	118	134	0
				53	78	99	115	1
				42	63	82	99	2
				35	52	69	84	3
				29	44	59	73	4
				26	39	51	64	5
				23	34	46	57	6
Hs	Heil silt loam	Heil	90	50	69	85	96	0
				40	58	73	86	1
				33	50	64	76	2
				28	43	56	68	3
				25	37	50	61	4
				22	33	44	55	5
				20	30	40	50	6
JrF	percent slopes	Janesburg	27	80	108	130	147	0
				57	84	107	125	1
				44	66	87	105	2
				36	54	73	89	3
				31	46	61	77	4
				27	40	53	67	5
				23	35	47	59	6
JrF	percent slopes	Cabba	16	60	83	100	114	0
				46	67	85	100	1
				37	56	72	87	2
				32	47	63	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
JrF	percent slopes	Regent	16	55	77	93	106	0
				43	63	80	94	1
				36	53	69	82	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
Ka	Korchea loam	Korchea	85	62	86	104	118	0
				48	70	88	104	1
				38	58	75	90	2
				32	48	64	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	43	54	6
Kc	Korchea loam, channeled	Korchea	85	108	145	172	193	0
				70	105	133	157	1
				52	78	104	126	2
				41	62	82	103	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	64	6
La	Lallie silty clay loam	Lallie	90	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	44	58	72	4
				25	38	51	63	5
				22	34	45	56	6
LeA	Lehr loam, 0 to 2 percent slopes	Lehr	90	395	510	593	656	0
				133	199	265	332	1
				80	120	160	199	2
				57	86	114	143	3
				44	67	89	111	4
				36	54	73	91	5
				31	46	61	77	6
LeB	Lehr loam, 2 to 6 percent slopes	Lehr	90	395	510	593	656	0
				133	199	265	332	1
				80	120	160	199	2
				57	86	114	143	3
				44	67	89	111	4
				36	54	73	91	5
				31	46	61	77	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Mc	McKenzie clay	McKenzie	90	59	82	100	113	0
				46	67	85	100	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
PeA	slopes	Parshall	85	122	164	194	217	0
				76	114	145	172	1
				55	83	110	135	2
				43	65	86	108	3
				36	53	71	89	4
				30	45	60	75	5
				26	39	52	66	6
Pg	Pits, gravel	Orthents	95	385	497	578	639	0
				132	197	263	329	1
				79	119	159	198	2
				57	85	114	142	3
				44	66	88	111	4
				36	54	72	91	5
				31	46	61	77	6
PrA	Promise clay, 0 to 2 percent slopes	Promise	90	89	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	61	6
PrB	Promise clay, 2 to 6 percent slopes	Promise	90	89	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	61	6
RsB	slopes	Daglum	35	41	59	72	83	0
				34	50	64	75	1
				29	44	57	67	2
				26	38	50	61	3
				23	34	45	55	4
				20	31	41	50	5
				18	28	37	46	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
RtB	percent slopes	Daglum	30	41	59	72	83	0
				34	50	64	75	1
				29	44	57	67	2
				26	38	50	61	3
				23	34	45	55	4
				20	31	41	50	5
				18	28	37	46	6
RvE	to 40 percent slopes	Rockoutcrop	20	56	78	95	108	0
				44	64	81	96	1
				36	54	70	84	2
				31	46	60	74	3
				27	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
RzF	slopes	Rockoutcrop	65	56	78	95	108	0
				44	64	81	96	1
				36	54	70	84	2
				31	46	60	74	3
				27	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
SeE	slopes	Wabek	35	368	477	555	614	0
				130	194	259	324	1
				79	118	157	197	2
				56	85	113	141	3
				44	66	88	110	4
				36	54	72	90	5
				31	46	61	76	6
SgA	Savage silt loam, 0 to 3 percent slopes	Savage	85	79	108	129	146	0
				57	84	106	124	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
SgB	Savage silt loam, 3 to 6 percent slopes	Savage	85	79	108	129	146	0
				57	84	106	124	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
ShA	Shambo loam, 0 to 2 percent slopes	Shambo	90	87	119	142	159	0
				61	90	114	134	1
				47	70	92	111	2
				38	57	76	93	3
				32	48	64	80	4
				27	41	55	69	5
				24	36	48	60	6
ShB	Shambo loam, 2 to 6 percent slopes	Shambo	90	87	119	142	159	0
				61	90	114	134	1
				47	70	92	111	2
				38	57	76	93	3
				32	48	64	80	4
				27	41	55	69	5
				24	36	48	60	6
ShC	Shambo loam, 6 to 9 percent slopes	Shambo	90	87	119	142	159	0
				61	90	114	134	1
				47	70	92	111	2
				38	57	76	93	3
				32	48	64	80	4
				27	41	55	69	5
				24	36	48	60	6
StA	Stady loam, 0 to 2 percent slopes	Stady	85	614	789	914	1009	0
				151	226	302	377	1
				86	129	172	215	2
				60	90	120	150	3
				46	69	92	116	4
				38	56	75	94	5
				32	47	63	79	6
StB	Stady loam, 2 to 6 percent slopes	Stady	85	614	789	914	1009	0
				151	226	302	377	1
				86	129	172	215	2
				60	90	120	150	3
				46	69	92	116	4
				38	56	75	94	5
				32	47	63	79	6
TaA	Tally fine sandy loam, 0 to 6 percent slopes	Tally	90	188	248	291	324	0
				97	146	193	230	1
				65	98	131	163	2
				49	74	98	123	3
				40	59	79	99	4
				33	49	66	82	5
				28	42	57	71	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
TdA	Telfer loamy sand, 0 to 6 percent slopes	Telfer	87	120	161	191	213	0
				75	113	143	170	1
				55	82	109	134	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
TeB	Telfer-Ekalaka complex, 0 to 6 percent slopes	Telfer	55	120	161	191	213	0
				75	113	143	170	1
				55	82	109	134	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
Th	Trembles fine sandy loam	Trembles	90	170	224	264	294	0
				92	138	181	216	1
				63	94	126	157	2
				48	72	96	120	3
				39	58	77	97	4
				32	49	65	81	5
				28	42	56	70	6
Tm	Trembles fine sandy loam, channeled	Trembles	90	170	224	264	294	0
				92	138	181	216	1
				63	94	126	157	2
				48	72	96	120	3
				39	58	77	97	4
				32	49	65	81	5
				28	42	56	70	6
Tt	Trembles fine sandy loam, terrace	Trembles	90	117	157	186	209	0
				74	111	141	167	1
				54	81	108	132	2
				43	64	85	106	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
WaD	slopes	Wabek	85	368	477	555	614	0
				130	194	259	324	1
				79	118	157	197	2
				56	85	113	141	3
				44	66	88	110	4
				36	54	72	90	5
				31	46	61	76	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Wt	Wendte silty clay, channeled	Wendte	90	72	99	119	135	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	52	64	5
				23	34	46	57	6
ZeB	Zeona loamy fine sand, 0 to 6 percent slopes	Zeona	85	120	160	189	212	0
				75	112	143	169	1
				54	82	109	133	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
ZsD	30 percent slopes	Zeona	45	120	160	189	212	0
				75	112	143	169	1
				54	82	109	133	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
ZsD	30 percent slopes	Rockoutcrop	15	56	78	95	108	0
				44	64	81	96	1
				36	54	70	84	2
				31	46	60	74	3
				27	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
***NOTE:**	The following soils have a barrier layer less than eight (8) feet and must be calculated using a different method.							
BeA	slopes	Belfield	55	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
BmA	slopes	Slickspots	35	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
BnA	Bullock fine sandy loam, 0 to 6 percent slopes	Bullock	90	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
BrB	percent slopes	Bullock	45	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
BrB	percent slopes	Parchin	35	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
BsB	percent slopes	Bullock	35	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
BsB	percent slopes	Parchin	30	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
BsB	percent slopes	Slickspots	15	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
BuB	slopes	Bullock	55	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
BuB	slopes	Slickspots	30	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
BvE	to 40 percent slopes	Bullock	35	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
BvE	to 40 percent slopes	Slickspots	30	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
BzB	percent slopes	Bullock	40	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
BzB	percent slopes	Parchin	20	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
CaF	Cabba-Amor loams, 15 to 60 percent slopes	Cabba	55	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
CaF	Cabba-Amor loams, 15 to 60 percent slopes	Amor	25	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
CbD	Cabba-Reeder loams, 6 to 25 percent slopes	Cabba	55	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
CbD	Cabba-Reeder loams, 6 to 25 percent slopes	Reeder	30	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
CeE	Cabba-Shambo loams, 6 to 40 percent slopes	Cabba	50	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
CgF	70 percent slopes	Cohagen	40	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
CgF	70 percent slopes	Cabba	30	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
CvD	percent slopes	Cohagen	55	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
CvD	percent slopes	Vebar	30	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
DuD	percent slopes	Dupree	65	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
EkA	slopes	Ekalaka	90	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
EpB	slopes	Ekalaka	55	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
EvB	slopes	Evridge	90	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
EwB	percent slopes	Evridge	50	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
EwB	percent slopes	Bullock	40	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
ExB	percent slopes	Evridge	50	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
ExB	percent slopes	Parchin	30	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
FrF	percent slopes	Flasher	60	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
FtF	slopes	Flasher	50	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
Gk	Glenross-Ekalaka fine sandy loams	Ekalaka	35	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
HuB	Hurley silt loam, 0 to 9 percent slopes	Hurley	85	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
HwA	slopes	Hurley	50	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
HwA	slopes	Slickspots	30	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
OaB	Opal clay, 2 to 6 percent slopes	Opal	90	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
OaC	Opal clay, 6 to 9 percent slopes	Opal	90	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
OdC	Opal-Dupree clays, 2 to 9 percent slopes	Opal	55	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
OdC	Opal-Dupree clays, 2 to 9 percent slopes	Dupree	30	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
OhB	Opal-Hurley complex, 0 to 9 percent slopes	Opal	55	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
OhB	Opal-Hurley complex, 0 to 9 percent slopes	Hurley	30	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
OsC	Opal-Sansarc clays, 6 to 15 percent slopes	Opal	55	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
OsC	Opal-Sansarc clays, 6 to 15 percent slopes	Sansarc	30	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
PaB	slopes	Parchin	85	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
PdD	percent slopes	Parchin	35	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
PdD	percent slopes	Bullock	25	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
PdD	percent slopes	Cabba	25	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
RaA	Reeder loam, 0 to 2 percent slopes	Reeder	90	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
RaB	Reeder loam, 2 to 6 percent slopes	Reeder	90	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
RaC	Reeder loam, 6 to 9 percent slopes	Reeder	85	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
RcB	Reeder-Cabba loams, 3 to 6 percent slopes	Reeder	60	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
RcB	Reeder-Cabba loams, 3 to 6 percent slopes	Cabba	30	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
RcC	Reeder-Cabba loams, 6 to 9 percent slopes	Reeder	60	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
RcC	Reeder-Cabba loams, 6 to 9 percent slopes	Cabba	30	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
RhB	Reeder-Rhoades loams, 2 to 9 percent slopes	Reeder	60	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
RhB	Reeder-Rhoades loams, 2 to 9 percent slopes	Rhoades	30	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
RnA	Regent silty clay loam, 0 to 2 percent slopes	Regent	85	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
RnB	Regent silty clay loam, 2 to 6 percent slopes	Regent	85	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
RpC	percent slopes	Regent	50	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
RpC	percent slopes	Wayden	35	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
RrA	Rhoades loam, 0 to 6 percent slopes	Rhoades	90	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
RsB	slopes	Rhoades	50	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
RtB	percent slopes	Rhoades	40	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
RtB	percent slopes	Slickspots	15	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
RuB	slopes	Rhoades	50	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
RuB	slopes	Slickspots	30	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
RvE	to 40 percent slopes	Rhoades	40	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
RvE	to 40 percent slopes	Slickspots	30	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
RzF	slopes	Cabba	25	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
SbE	Sansarc-Opal clays, 15 to 40 percent slopes	Sansarc	60	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
SbE	Sansarc-Opal clays, 15 to 40 percent slopes	Opal	30	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
SdD	slopes	Sansarc	40	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
SdD	slopes	Opal	30	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
SdD	slopes	Dupree	20	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
SeE	slopes	Sansarc	55	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
TeB	Telfer-Ekalaka complex, 0 to 6 percent slopes	Ekalaka	35	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
VeA	Vebar fine sandy loam, 0 to 2 percent slopes	Vebar	85	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
VeB	Vebar fine sandy loam, 2 to 6 percent slopes	Vebar	85	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
VhB	percent slopes	Vebar	55	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
VhB	percent slopes	Cohagen	30	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
WcE	slopes	Wayden	50	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
WcE	slopes	Cabba	30	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
WdE	slopes, extremely stony	Cabba	45	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
WdE	slopes, extremely stony	Wayden	45	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
ZsD	30 percent slopes	Slickspots	25	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6

South Dakota Lateral Effect Tables for Davison County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Aa	Chaska loam	Chaska	80	63	87	105	119	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
BaA	Beadle loam, 0 to 2 percent slopes	Beadle	85	43	61	75	86	0
				35	52	66	77	1
				30	45	58	70	2
				26	39	51	63	3
				23	35	46	56	4
				21	31	41	51	5
				19	28	38	47	6
BeE	Betts and Ethan loams, 21 to 40 percent slopes	Betts	50	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
BeE	Betts and Ethan loams, 21 to 40 percent slopes	Ethan	40	48	68	82	94	0
				39	57	72	84	1
				32	49	63	75	2
				28	42	55	68	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
BhD	Betts-Ethan loams, 6 to 21 percent slopes	Betts	40	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
BhD	Betts-Ethan loams, 6 to 21 percent slopes	Ethan	30	48	68	82	94	0
				39	57	72	84	1
				32	49	63	75	2
				28	42	55	68	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
BlE	Betts-Gavins complex, 15 to 40 percent slopes	Betts	40	56	78	95	108	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
BlE	Betts-Gavins complex, 15 to 40 percent slopes	Gavins	25	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
BmA	Blendon sandy loam, 0 to 3 percent slopes	Blendon	80	167	221	260	290	0
				91	137	179	214	1
				63	94	125	156	2
				48	71	95	119	3
				38	58	77	96	4
				32	48	65	81	5
				28	42	56	69	6
BnA	Blendon-Firesteel complex, 0 to 3 percent slopes	Blendon	55	167	221	260	290	0
				91	137	179	214	1
				63	94	125	156	2
				48	71	95	119	3
				38	58	77	96	4
				32	48	65	81	5
				28	42	56	69	6
BnA	Blendon-Firesteel complex, 0 to 3 percent slopes	Firesteel	35	58	barrier	barrier	barrier	0
				45	barrier	barrier	barrier	1
				37	barrier	barrier	barrier	2
				31	barrier	barrier	barrier	3
				27	barrier	barrier	barrier	4
				24	barrier	barrier	barrier	5
				21	barrier	barrier	barrier	6
BoA	Bon loam, 0 to 2 percent slopes	Bon	85	95	128	152	171	0
				64	96	121	142	1
				49	73	97	117	2
				39	59	78	97	3
				33	49	66	82	4
				28	42	56	70	5
				25	37	49	62	6
Ca	Clamo silty clay loam	Clamo	85	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
Cc	Clamo silty clay loam, frequently flooded	Clamo	70	77	105	126	142	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
CeB	Clarno-Ethan loams, 3 to 6 percent slopes	Clarno	60	61	85	103	117	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
CeB	Clarno-Ethan loams, 3 to 6 percent slopes	Ethan	25	48	68	82	94	0
				39	57	72	84	1
				32	49	63	75	2
				28	42	55	68	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
CeC	Clarno-Ethan loams, 6 to 9 percent slopes	Clarno	50	61	85	103	117	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
CeC	Clarno-Ethan loams, 6 to 9 percent slopes	Ethan	30	48	68	82	94	0
				39	57	72	84	1
				32	49	63	75	2
				28	42	55	68	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
ChA	Clarno-Houdek loams, 0 to 3 percent slopes	Clarno	45	61	85	103	117	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
ChA	Clarno-Houdek loams, 0 to 3 percent slopes	Houdek	35	57	80	96	110	0
				44	65	83	96	1
				36	54	71	85	2
				31	46	61	75	3
				27	40	53	66	4
				24	35	47	59	5
				21	32	42	53	6
ChB	Clarno-Houdek loams, 3 to 6 percent slopes	Clarno	50	61	85	103	117	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
ChB	Clarno-Houdek loams, 3 to 6 percent slopes	Houdek	35	57	80	96	110	0
				44	65	83	96	1
				36	54	71	85	2
				31	46	61	75	3
				27	40	53	66	4
				24	35	47	59	5
				21	32	42	53	6
DhA	Davison-Hand loams, 0 to 2 percent slopes	Davison	50	117	157	186	209	0
				74	111	141	167	1
				54	81	108	132	2
				42	64	85	106	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
DhA	Davison-Hand loams, 0 to 2 percent slopes	Hand	30	86	117	139	157	0
				60	89	113	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
DmB	Delmont loam, 3 to 6 percent slopes	Delmont	90	502	647	750	828	0
				143	215	286	358	1
				83	125	167	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
EnA	Enet loam, 0 to 3 percent slopes	Enet	80	527	679	787	869	0
				145	217	290	362	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				84	126	168	210	2
				59	89	118	148	3
				46	69	91	114	4
				37	56	74	93	5
				31	47	63	78	6
EoA	Enet-Delmont loams, 0 to 3 percent slopes	Enet	60	527	679	787	869	0
				145	217	290	362	1
				84	126	168	210	2
				59	89	118	148	3
				46	69	91	114	4
				37	56	74	93	5
				31	47	63	78	6
EoA	Enet-Delmont loams, 0 to 3 percent slopes	Delmont	33	502	647	750	828	0
				143	215	286	358	1
				83	125	167	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
EoB	Enet-Delmont loams, 3 to 6 percent slopes	Enet	55	527	679	787	869	0
				145	217	290	362	1
				84	126	168	210	2
				59	89	118	148	3
				46	69	91	114	4
				37	56	74	93	5
				31	47	63	78	6
EoB	Enet-Delmont loams, 3 to 6 percent slopes	Delmont	30	502	647	750	828	0
				143	215	286	358	1
				83	125	167	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
EsA	Dimo-Storla loams, 0 to 2 percent slopes	Dimo	70	264	344	401	445	0
				114	171	228	280	1
				73	109	145	181	2
				53	80	106	133	3
				42	63	84	105	4
				35	52	69	87	5
				30	44	59	74	6
EsA	Dimo-Storla loams, 0 to 2 percent slopes	Storla	25	324	421	490	542	0
				124	185	247	309	1
				76	115	153	191	2
				55	83	111	138	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				43	65	87	108	4
				36	53	71	89	5
				30	45	60	76	6
EtC2	Ethan-Betts loams, 5 to 9 percent slopes, eroded	Ethan	40	48	68	82	94	0
				39	57	72	84	1
				32	49	63	75	2
				28	42	55	68	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
EtC2	Ethan-Betts loams, 5 to 9 percent slopes, eroded	Betts	25	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
FeA	Fedora sandy loam, 0 to 3 percent slopes	Fedora	75	279	363	423	469	0
				116	175	233	289	1
				74	110	147	184	2
				54	81	108	135	3
				42	64	85	106	4
				35	52	70	87	5
				30	45	60	74	6
FsA	Firesteel silt loam, 0 to 2 percent slopes	Firesteel	90	58	barrier	barrier	barrier	0
				45	barrier	barrier	barrier	1
				37	barrier	barrier	barrier	2
				31	barrier	barrier	barrier	3
				27	barrier	barrier	barrier	4
				24	barrier	barrier	barrier	5
				21	barrier	barrier	barrier	6
HaB	Hand loam, 3 to 6 percent slopes	Hand	85	86	117	139	157	0
				60	89	113	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
HdA	Hand-Davison loams, 0 to 3 percent slopes	Hand	70	86	117	139	157	0
				60	89	113	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
HdA	Hand-Davison loams, 0 to 3 percent slopes	Davison	20	77	105	126	143	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
HkA	Houdek-Prosper loams, 0 to 2 percent slopes	Houdek	60	57	80	96	110	0
				44	65	83	96	1
				36	54	71	85	2
				31	46	61	75	3
				27	40	53	66	4
				24	35	47	59	5
				21	32	42	53	6
HkA	Houdek-Prosper loams, 0 to 2 percent slopes	Prosper	25	63	87	105	119	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
HpA	Houdek, Prosper, and Stickney loams, 0 to 1 percent slopes	Houdek	40	57	80	96	110	0
				44	65	83	96	1
				36	54	71	85	2
				31	46	61	75	3
				27	40	53	66	4
				24	35	47	59	5
				21	32	42	53	6
HpA	Houdek, Prosper, and Stickney loams, 0 to 1 percent slopes	Prosper	25	63	87	105	119	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
HpA	Houdek, Prosper, and Stickney loams, 0 to 1 percent slopes	Stickney	20	53	73	89	102	0
				42	61	77	90	1
				35	52	66	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
HsA	Houdek-Stickney loams, 0 to 2 percent slopes	Houdek	50	57	80	96	110	0
				44	65	83	96	1
				36	54	71	85	2
				31	46	61	75	3
				27	40	53	66	4
				24	35	47	59	5
				21	32	42	53	6
HsA	Houdek-Stickney loams, 0 to 2 percent slopes	Stickney	35	53	73	89	102	0
				42	61	77	90	1
				35	52	66	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
La	Lamo silt loam	Lamo	90	67	92	111	126	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
LpA	Lamo and Prosper soils, 0 to 3 percent slopes	Lamo	45	67	92	111	126	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
LpA	Lamo and Prosper soils, 0 to 3 percent slopes	Prosper	40	63	87	105	119	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
PrA	Prosper silt loam, 0 to 3 percent slopes	Prosper	80	74	101	121	137	0
				54	80	101	118	1
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	34	46	57	6
PrB	Prosper silt loam, 3 to 6 percent slopes	Prosper	85	77	105	125	142	0
				56	82	104	121	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
ReA	Redstoe loam, 0 to 3 percent slopes	Redstoe	85	66	barrier	barrier	barrier	0
				50	barrier	barrier	barrier	1
				40	barrier	barrier	barrier	2
				33	barrier	barrier	barrier	3
				28	barrier	barrier	barrier	4
				25	barrier	barrier	barrier	5
				22	barrier	barrier	barrier	6
ReC	Redstoe loam, 3 to 9 percent slopes	Redstoe	85	66	barrier	barrier	barrier	0
				50	barrier	barrier	barrier	1
				40	barrier	barrier	barrier	2
				33	barrier	barrier	barrier	3
				28	barrier	barrier	barrier	4
				25	barrier	barrier	barrier	5
				22	barrier	barrier	barrier	6
ReD	Redstoe loam, 9 to 21 percent slopes	Redstoe	80	66	barrier	barrier	barrier	0
				50	barrier	barrier	barrier	1
				40	barrier	barrier	barrier	2
				33	barrier	barrier	barrier	3
				28	barrier	barrier	barrier	4
				25	barrier	barrier	barrier	5
				22	barrier	barrier	barrier	6
Sa	Salmo silt loam	Salmo	80	81	111	132	149	0
				58	85	108	126	1
				45	67	88	107	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
SdA	Stickney-Dudley complex, 0 to 2 percent slopes	Stickney	65	53	73	89	102	0
				42	61	77	90	1
				35	52	66	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
SdA	Stickney-Dudley complex, 0 to 2 percent slopes	Dudley	20	72	99	119	135	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				23	34	46	57	6
SoA	Storla loam, 0 to 2 percent slopes	Storla	75	324	421	490	542	0
				124	185	247	309	1
				76	115	153	191	2
				55	83	111	138	3
				43	65	87	108	4
				36	53	71	89	5
				30	45	60	76	6
StA	Arlo-Durrstein complex, 0 to 2 percent slopes	Arlo	60	278	362	422	468	0
				116	174	233	288	1
				74	110	147	184	2
				54	81	108	134	3
				42	64	85	106	4
				35	52	70	87	5
				30	45	60	74	6
StA	Arlo-Durrstein complex, 0 to 2 percent slopes	Durrstein	25	54	76	92	105	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
TeA	Tetonka silt loam, 0 to 2 percent slopes	Tetonka	90	96	129	154	173	0
				65	97	122	143	1
				49	73	98	117	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
TsA	Tetonka-Stickney complex, 0 to 3 percent slopes	Tetonka	45	96	129	154	173	0
				65	97	122	143	1
				49	73	98	117	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
TsA	Tetonka-Stickney complex, 0 to 3 percent slopes	Stickney	40	53	73	89	102	0
				42	61	77	90	1
				35	52	66	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
Wo	Worthing silty clay loam	Worthing	85	55	76	93	105	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				43	63	79	94	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
Wp	Worthing silty clay loam, ponded	Worthing	85	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6

South Dakota Lateral Effect Tables for Day County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Aa	Aastad loam	Aastad	85	39	56	69	79	0
				33	48	61	72	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6
An	Aberdeen-Nahon silty clay loams	Aberdeen	50	97	131	157	176	0
				65	98	123	145	1
				49	74	98	118	2
				40	59	79	99	3
				33	49	66	82	4
				28	42	57	71	5
				25	37	50	62	6
An	Aberdeen-Nahon silty clay loams	Nahon	35	113	151	179	201	0
				72	108	137	162	1
				53	80	106	129	2
				42	63	84	105	3
				35	52	69	87	4
				30	44	59	74	5
				26	39	51	64	6
ArB	Arvilla sandy loam, 2 to 6 percent slopes	Arvilla	85	256	334	390	433	0
				112	168	225	275	1
				72	108	144	180	2
				53	79	106	132	3
				42	63	84	105	4
				35	52	69	86	5
				29	44	59	74	6
Ba	Bearden silt loam	Bearden	90	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
BaB	Bearden-Huffton silt loams, 1 to 6 percent slopes	Bearden	50	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
BaB	Bearden-Huffton silt loams, 1 to 6 percent slopes	Huffton	40	156	207	244	272	0
				88	131	171	205	1
				61	91	122	152	2
				47	70	93	117	3
				38	57	76	95	4
				32	48	64	80	5
				27	41	55	69	6
BbA	Beotia silt loam, 0 to 2 percent slopes	Beotia	90	119	160	189	212	0
				75	112	143	169	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				54	82	109	133	2
				43	64	85	107	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
Bc	Beotia-Rondell silt loams, 0 to 3 percent slopes	Beotia	50	119	160	189	212	0
				75	112	143	169	1
				54	82	109	133	2
				43	64	85	107	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
Bc	Beotia-Rondell silt loams, 0 to 3 percent slopes	Rondell	35	124	166	196	220	0
				77	115	146	174	1
				55	83	111	136	2
				43	65	87	108	3
				36	53	71	89	4
				30	45	60	76	5
				26	39	53	66	6
BnD	Buse-Barnes loams, 9 to 20 percent slopes	Buse	50	37	52	65	74	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
BnD	Buse-Barnes loams, 9 to 20 percent slopes	Barnes	40	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
BoE	Buse-Barnes loams, 9 to 40 percent slopes, very stony	Buse	50	37	52	65	74	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
BoE	Buse-Barnes loams, 9 to 40 percent slopes, very stony	Barnes	40	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
BpE	Buse-Barnes-Parnell complex, 0 to 25 percent slopes, stony	Buse	40	37	52	65	74	0
				31	45	58	68	1
				27	40	52	62	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
BpE	Buse-Barnes-Parnell complex, 0 to 25 percent slopes, stony	Barnes	35	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
BpE	Buse-Barnes-Parnell complex, 0 to 25 percent slopes, stony	Parnell	20	89	120	143	161	0
				62	92	115	135	1
				47	71	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
BrE	Buse-Langhei complex, 15 to 40 percent slopes	Buse	50	37	52	65	74	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
BrE	Buse-Langhei complex, 15 to 40 percent slopes	Langhei	40	33	48	60	69	0
				28	42	54	63	1
				25	37	48	58	2
				22	33	43	53	3
				20	30	39	49	4
				18	27	36	45	5
				17	25	33	41	6
BsE	Buse-La Prairie, channeled-Barnes loams, 0 to 40 percent slopes	Buse	35	37	52	65	74	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
BsE	Buse-La Prairie, channeled-Barnes loams, 0 to 40 percent slopes	La Prairie	30	68	93	112	127	0
				51	74	94	110	1
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
BsE	Buse-La Prairie, channeled-Barnes loams, 0 to 40 percent slopes	Barnes	25	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
BxE	Buse-Sioux complex, 9 to 40 percent slopes	Buse	55	37	52	65	74	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
BxE	Buse-Sioux complex, 9 to 40 percent slopes	Sioux	30	445	574	667	736	0
				138	207	276	345	1
				82	122	163	204	2
				58	87	116	145	3
				45	67	90	112	4
				37	55	73	92	5
				31	47	62	78	6
Ca	Cavour-Ferney loams	Cavour	50	54	76	92	105	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
Ca	Cavour-Ferney loams	Ferney	35	48	67	82	93	0
				39	56	71	84	1
				32	49	62	75	2
				28	42	55	67	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
Cn	Colvin silty clay loam	Colvin	80	77	105	126	142	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
Cr	Cresbard-Cavour loams	Cresbard	50	67	92	111	125	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
Cr	Cresbard-Cavour loams	Cavour	40	54	76	92	105	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
Cu	Cubden silty clay loam	Cubden	85	77	105	126	142	0
				56	82	104	121	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
Cw	Cubden-Badger silty clay loams	Cubden	55	77	105	126	142	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
Cw	Cubden-Badger silty clay loams	Badger	35	65	90	109	123	0
				49	72	92	108	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
Cx	Cubden-Tonka complex	Cubden	45	77	105	126	142	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
Cx	Cubden-Tonka complex	Tonka	35	68	94	113	128	0
				51	75	95	111	1
				40	61	79	96	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
Dd	Divide loam	Divide	80	487	628	728	804	0
				142	213	284	354	1
				83	124	166	207	2
				59	88	117	147	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
Do	Dovray silty clay	Dovray	85	74	102	122	138	0
				54	80	102	118	1
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	34	46	57	6
EaA	Eckman very fine sandy loam, 0 to 2 percent slopes	Eckman	90	85	115	138	155	0
				60	88	112	131	1
				46	69	91	109	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
EbB	Eckman-Gardena very fine sandy loams, 2 to 6 percent slopes	Eckman	55	85	115	138	155	0
				60	88	112	131	1
				46	69	91	109	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
EbB	Eckman-Gardena very fine sandy loams, 2 to 6 percent slopes	Gardena	35	87	118	141	158	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
EcB	Eckman-Zell very fine sandy loams, 1 to 6 percent slopes	Eckman	65	85	115	138	155	0
				60	88	112	131	1
				46	69	91	109	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
EcB	Eckman-Zell very fine sandy loams, 1 to 6 percent slopes	Zell	25	108	145	173	194	0
				70	105	133	157	1
				52	78	104	126	2
				41	62	82	103	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	64	6
EdC	Edgeley loam, 4 to 9 percent slopes	Edgeley	85	35	barrier	barrier	barrier	0
				30	barrier	barrier	barrier	1
				26	barrier	barrier	barrier	2
				23	barrier	barrier	barrier	3
				21	barrier	barrier	barrier	4
				19	barrier	barrier	barrier	5
				17	barrier	barrier	barrier	6
EgB	Egeland-Embden complex, 2 to 6 percent slopes	Egeland	60	162	214	252	281	0
				90	134	175	209	1
				62	93	124	155	2
				47	71	94	118	3
				38	57	76	96	4
				32	48	64	80	5
				28	41	55	69	6
EgB	Egeland-Embden complex, 2 to 6 percent slopes	Embden	30	87	118	141	158	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
En	Exline-Aberdeen-Nahon silt loams	Exline	40	72	99	119	135	0
				53	78	99	116	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
En	Exline-Aberdeen-Nahon silt loams	Aberdeen	25	97	131	157	176	0
				65	98	123	145	1
				49	74	98	118	2
				40	59	79	99	3
				33	49	66	82	4
				28	42	57	71	5
				25	37	50	62	6
En	Exline-Aberdeen-Nahon silt loams	Nahon	20	113	151	179	201	0
				72	108	137	162	1
				53	80	106	129	2
				42	63	84	105	3
				35	52	69	87	4
				30	44	59	74	5
				26	39	51	64	6
Ep	Exline-Putney silt loams, 1 to 4 percent slopes	Exline	45	72	99	119	135	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
Ep	Exline-Putney silt loams, 1 to 4 percent slopes	Putney	40	130	173	204	228	0
				79	118	151	179	1
				57	85	113	139	2
				44	66	88	110	3
				36	54	72	90	4
				31	46	61	76	5
				27	40	53	66	6
Fd	Fordville loam, 0 to 2 percent slopes	Fordville	85	457	589	684	756	0
				139	209	278	348	1
				82	123	164	205	2
				58	87	116	145	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
FmA	Forman-Aastad loams, 0 to 3 percent slopes	Forman	50	65	90	109	123	0
				49	72	92	108	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
FmA	Forman-Aastad loams, 0 to 3 percent slopes	Aastad	40	39	56	69	79	0
				33	48	61	72	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				20	30	39	49	5
				18	27	36	45	6
FmB	Forman-Aastad loams, 1 to 6 percent slopes	Forman	55	65	90	109	123	0
				49	72	92	108	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
FmB	Forman-Aastad loams, 1 to 6 percent slopes	Aastad	35	39	56	69	79	0
				33	48	61	72	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6
FnB	Forman-Aastad-Parnell complex, 0 to 6 percent slopes	Forman	40	65	90	109	123	0
				49	72	92	108	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
FnB	Forman-Aastad-Parnell complex, 0 to 6 percent slopes	Aastad	30	39	56	69	79	0
				33	48	61	72	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6
FnB	Forman-Aastad-Parnell complex, 0 to 6 percent slopes	Parnell	20	89	120	143	161	0
				62	92	115	135	1
				47	71	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
FoB	Forman-Buse-Aastad loams, 1 to 6 percent slopes	Forman	40	65	90	109	123	0
				49	72	92	108	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
FoB	Forman-Buse-Aastad loams, 1 to 6 percent slopes	Buse	30	37	52	65	74	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				18	26	35	43	6
FoB	Forman-Buse-Aastad loams, 1 to 6 percent slopes	Aastad	20	39	56	69	79	0
				33	48	61	72	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6
FoC	Forman-Buse-Aastad loams, 2 to 9 percent slopes	Forman	40	65	90	109	123	0
				49	72	92	108	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
FoC	Forman-Buse-Aastad loams, 2 to 9 percent slopes	Buse	30	37	52	65	74	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
FoC	Forman-Buse-Aastad loams, 2 to 9 percent slopes	Aastad	20	39	56	69	79	0
				33	48	61	72	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6
FpB	Forman-Buse-Parnell complex, 0 to 6 percent slopes	Forman	45	65	90	109	123	0
				49	72	92	108	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
FpB	Forman-Buse-Parnell complex, 0 to 6 percent slopes	Buse	30	37	52	65	74	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
FpB	Forman-Buse-Parnell complex, 0 to 6 percent slopes	Parnell	20	89	120	143	161	0
				62	92	115	135	1
				47	71	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
FpC	Forman-Buse-Parnell complex, 0 to 9 percent slopes	Forman	45	65	90	109	123	0
				49	72	92	108	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
FpC	Forman-Buse-Parnell complex, 0 to 9 percent slopes	Buse	30	37	52	65	74	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
FpC	Forman-Buse-Parnell complex, 0 to 9 percent slopes	Parnell	20	89	120	143	161	0
				62	92	115	135	1
				47	71	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
Gb	Great Bend silt loam, 0 to 2 percent slopes	Great Bend	90	133	177	209	233	0
				80	120	153	183	1
				57	86	114	141	2
				44	67	89	111	3
				36	55	73	91	4
				31	46	62	77	5
				27	40	53	67	6
Gp	Great Bend-Putney silt loams, 0 to 2 percent slopes	Great Bend	50	133	177	209	233	0
				80	120	153	183	1
				57	86	114	141	2
				44	67	89	111	3
				36	55	73	91	4
				31	46	62	77	5
				27	40	53	67	6
Gp	Great Bend-Putney silt loams, 0 to 2 percent slopes	Putney	35	155	206	242	270	0
				87	131	170	204	1
				61	91	122	152	2
				47	70	93	117	3
				38	57	76	95	4
				32	48	64	79	5
				27	41	55	69	6
GzC	Great Bend-Zell-Huffton silt loams, 4 to 9 percent slopes	Great Bend	35	133	177	209	233	0
				80	120	153	183	1
				57	86	114	141	2
				44	67	89	111	3
				36	55	73	91	4
				31	46	62	77	5
				27	40	53	67	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
GzC	Great Bend-Zell-Huffton silt loams, 4 to 9 percent slopes	Zell	30	173	228	268	299	0
				93	139	183	218	1
				63	95	127	158	2
				48	72	96	120	3
				39	58	78	97	4
				32	49	65	81	5
				28	42	56	70	6
GzC	Great Bend-Zell-Huffton silt loams, 4 to 9 percent slopes	Huffton	20	156	207	244	272	0
				88	131	171	205	1
				61	91	122	152	2
				47	70	93	117	3
				38	57	76	95	4
				32	48	64	80	5
				27	41	55	69	6
HaA	Hamerly loam, 0 to 2 percent slopes	Hamerly	80	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
HaB	Hamerly loam, 2 to 6 percent slopes	Hamerly	80	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
Hb	Hamerly-Parnell complex	Hamerly	50	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
Hb	Hamerly-Parnell complex	Parnell	40	89	120	143	161	0
				62	92	115	135	1
				47	71	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
Hd	Harmony-Aberdeen silty clay loams	Harmony	50	92	125	149	167	0
				63	94	119	140	1
				48	72	95	115	2
				39	58	77	96	3
				32	49	65	81	4
				28	42	56	70	5
				24	37	49	61	6
Hd	Harmony-Aberdeen silty clay loams	Aberdeen	35	97	131	157	176	0
				65	98	123	145	1
				49	74	98	118	2
				40	59	79	99	3
				33	49	66	82	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				28	42	57	71	5
				25	37	50	62	6
Hm	Harmony-Beotia silt loams	Harmony	55	92	125	149	167	0
				63	94	119	140	1
				48	72	95	115	2
				39	58	77	96	3
				32	49	65	81	4
				28	42	56	70	5
				24	37	49	61	6
Hm	Harmony-Beotia silt loams	Beotia	35	119	160	189	212	0
				75	112	143	169	1
				54	82	109	133	2
				43	64	85	107	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
Hr	Harriet loam	Harriet	85	59	82	99	112	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
HtA	Hetland silty clay loam, 0 to 2 percent slopes	Hetland	85	86	117	140	158	0
				60	89	113	133	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
HuB	Hetland-Rusklyn silty clay loams, 2 to 6 percent slopes	Hetland	50	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
HuB	Hetland-Rusklyn silty clay loams, 2 to 6 percent slopes	Rusklyn	40	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
KbE	Kloten-Buse complex, 9 to 40 percent slopes	Kloten	50	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
KbE	Kloten-Buse complex, 9 to 40 percent slopes	Buse	35	37	52	65	74	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
KcA	Kranzburg-Cresbard silt loams, 0 to 2 percent slopes	Kranzburg	55	71	98	118	133	0
				52	77	98	115	1
				42	62	81	99	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
KcA	Kranzburg-Cresbard silt loams, 0 to 2 percent slopes	Cresbard	30	85	116	139	156	0
				60	89	112	132	1
				46	69	91	110	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
KrB	Kranzburg-Brookings-Buse complex, 1 to 6 percent slopes	Kranzburg	40	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
KrB	Kranzburg-Brookings-Buse complex, 1 to 6 percent slopes	Brookings	30	77	105	125	142	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
KrB	Kranzburg-Brookings-Buse complex, 1 to 6 percent slopes	Buse	20	37	52	65	74	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
Ks	Kranzburg-Brookings silt loams, 0 to 2 percent slopes	Kranzburg	60	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Ks	Kranzburg-Brookings silt loams, 0 to 2 percent slopes	Brookings	25	77	105	125	142	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
KtB	Kranzburg-Forman complex, 2 to 6 percent slopes	Kranzburg	50	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
KtB	Kranzburg-Forman complex, 2 to 6 percent slopes	Forman	40	65	90	109	123	0
				49	72	92	108	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
KwB	Kranzburg-Buse-Waubay complex, 1 to 6 percent slopes	Kranzburg	40	73	100	120	136	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
KwB	Kranzburg-Buse-Waubay complex, 1 to 6 percent slopes	Buse	25	37	53	65	75	0
				31	46	58	68	1
				27	40	52	62	2
				24	36	47	57	3
				21	32	42	52	4
				19	29	38	47	5
				18	26	35	43	6
KwB	Kranzburg-Buse-Waubay complex, 1 to 6 percent slopes	Waubay	25	66	91	110	125	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
La	La Prairie loam	La Prairie	90	68	93	112	127	0
				51	74	94	110	1
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
Lh	La Prairie-Holmquist loams, channeled	La Prairie	50	68	93	112	127	0
				51	74	94	110	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
Lh	La Prairie-Holmquist loams, channeled	Holmquist	40	63	88	106	120	0
				48	70	90	105	1
				39	58	75	91	2
				32	49	65	79	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
Lm	Lamoure silty clay loam	Lamoure	85	121	162	192	215	0
				75	113	144	171	1
				55	82	110	134	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
Lo	Lowe loam	Lowe	85	78	106	128	144	0
				56	83	105	123	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
Lu	Ludden silty clay	Ludden	80	54	75	91	104	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
Lw	Ludden silty clay, ponded	Ludden	90	54	75	91	104	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
Lx	Ludden-Ludden, saline silty clays	Ludden	50	54	75	91	104	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
Lx	Ludden-Ludden, saline silty clays	Ludden	40	54	75	91	104	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
MaA	Maddock-Egeland sandy loams, 0 to 2 percent slopes	Maddock	50	223	292	341	379	0
				105	158	211	254	1
				69	104	138	173	2
				51	77	103	128	3
				41	61	82	102	4
				34	51	68	85	5
				29	43	58	72	6
MaA	Maddock-Egeland sandy loams, 0 to 2 percent slopes	Egeland	40	162	214	252	281	0
				90	134	175	209	1
				62	93	124	155	2
				47	71	94	118	3
				38	57	76	96	4
				32	48	64	80	5
				28	41	55	69	6
MaB	Maddock-Egeland sandy loams, 2 to 6 percent slopes	Maddock	50	223	292	341	379	0
				105	158	211	254	1
				69	104	138	173	2
				51	77	103	128	3
				41	61	82	102	4
				34	51	68	85	5
				29	43	58	72	6
MaB	Maddock-Egeland sandy loams, 2 to 6 percent slopes	Egeland	40	162	214	252	281	0
				90	134	175	209	1
				62	93	124	155	2
				47	71	94	118	3
				38	57	76	96	4
				32	48	64	80	5
				28	41	55	69	6
MaC	Maddock-Egeland sandy loams, 6 to 12 percent slopes	Maddock	55	223	292	341	379	0
				105	158	211	254	1
				69	104	138	173	2
				51	77	103	128	3
				41	61	82	102	4
				34	51	68	85	5
				29	43	58	72	6
MaC	Maddock-Egeland sandy loams, 6 to 12 percent slopes	Egeland	35	162	214	252	281	0
				90	134	175	209	1
				62	93	124	155	2
				47	71	94	118	3
				38	57	76	96	4
				32	48	64	80	5
				28	41	55	69	6
Md	Marysland-Divide loams	Marysland	50	356	461	536	593	0
				128	192	256	320	1
				78	117	156	195	2
				56	84	112	140	3
				44	66	88	110	4
				36	54	72	90	5
				30	46	61	76	6
Md	Marysland-Divide loams	Divide	40	487	628	728	804	0
				142	213	284	354	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				83	124	166	207	2
				59	88	117	147	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
MfB	Mauvais clay loam, 2 to 6 percent slopes	Mauvais	85	52	72	88	100	0
				41	60	76	89	1
				34	51	66	79	2
				29	44	58	70	3
				25	38	51	62	4
				23	34	45	56	5
				20	30	41	51	6
MgB	Mauvais clay loam, 2 to 6 percent slopes, stony	Mauvais	80	52	72	88	100	0
				41	60	76	89	1
				34	51	66	79	2
				29	44	58	70	3
				25	38	51	62	4
				23	34	45	56	5
				20	30	41	51	6
MnA	Minnewasta sandy loam, 0 to 2 percent slopes	Minnewasta	80	95	129	153	173	0
				64	96	122	143	1
				49	73	97	117	2
				39	59	78	98	3
				33	49	66	82	4
				28	42	56	70	5
				25	37	49	62	6
MoB	Minnewasta sandy loam, 2 to 6 percent slopes, stony	Minnewasta	80	95	129	153	173	0
				64	96	122	143	1
				49	73	97	117	2
				39	59	78	98	3
				33	49	66	82	4
				28	42	56	70	5
				25	37	49	62	6
Mw	Minnewaukan loamy sand	Minnewaukan	90	123	164	195	218	0
				76	114	145	173	1
				55	83	110	135	2
				43	65	86	108	3
				36	53	71	89	4
				30	45	60	75	5
				26	39	52	66	6
Na	Nahon-Aberdeen-Exline silt loams	Nahon	45	113	151	179	201	0
				72	108	137	162	1
				53	80	106	129	2
				42	63	84	105	3
				35	52	69	87	4
				30	44	59	74	5
				26	39	51	64	6
Na	Nahon-Aberdeen-Exline silt loams	Aberdeen	25	97	131	157	176	0
				65	98	123	145	1
				49	74	98	118	2
				40	59	79	99	3
				33	49	66	82	4
				28	42	57	71	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				25	37	50	62	6
Na	Nahon-Aberdeen-Exline silt loams	Exline	20	72	99	119	135	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
NsB	Nutley-Sinai silty clays, 2 to 6 percent slopes	Nutley	60	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
NsB	Nutley-Sinai silty clays, 2 to 6 percent slopes	Sinai	30	55	77	94	107	0
				43	63	80	95	1
				35	53	69	83	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
Oh	Oldham silty clay loam	Oldham	90	66	91	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
Pa	Parnell silty clay loam	Parnell	85	89	120	143	161	0
				62	92	115	135	1
				47	71	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
Pc	Playmoor silty clay loam	Playmoor	90	96	130	154	174	0
				65	97	122	144	1
				49	73	98	118	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
Pm	Playmoor-Lamoure silty clay loams, channeled	Playmoor	50	96	130	154	174	0
				65	97	122	144	1
				49	73	98	118	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
Pm	Playmoor-Lamoure silty clay loams, channeled	Lamoure	40	121	162	192	215	0
				75	113	144	171	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				55	82	110	134	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
PnB	Poinsett-Buse-Waubay complex, 1 to 6 percent slopes	Poinsett	35	80	108	130	147	0
				57	84	106	125	1
				44	67	87	105	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
PnB	Poinsett-Buse-Waubay complex, 1 to 6 percent slopes	Buse	30	37	53	65	75	0
				31	46	58	68	1
				27	40	52	62	2
				24	36	47	57	3
				21	32	42	52	4
				19	29	38	47	5
				18	26	35	43	6
PnB	Poinsett-Buse-Waubay complex, 1 to 6 percent slopes	Waubay	25	66	91	110	125	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
PrC	Poinsett-Rusklyn silty clay loams, 6 to 9 percent slopes	Poinsett	50	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
PrC	Poinsett-Rusklyn silty clay loams, 6 to 9 percent slopes	Rusklyn	35	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
PsB	Poinsett-Rusklyn-Waubay silty clay loams, 1 to 6 percent slopes	Poinsett	40	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
PsB	Poinsett-Rusklyn-Waubay silty clay loams, 1 to 6 percent slopes	Rusklyn	30	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
PsB	Poinsett-Rusklyn-Waubay silty clay loams, 1 to 6 percent slopes	Waubay	15	63	87	105	119	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
PwA	Poinsett-Waubay silty clay loams, 0 to 2 percent slopes	Poinsett	50	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
PwA	Poinsett-Waubay silty clay loams, 0 to 2 percent slopes	Waubay	40	63	87	105	119	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
PwB	Poinsett-Waubay silty clay loams, 1 to 6 percent slopes	Poinsett	60	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
PwB	Poinsett-Waubay silty clay loams, 1 to 6 percent slopes	Waubay	30	63	87	105	119	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
Ra	Ranslo-Harriet loams	Ranslo	50	85	115	138	155	0
				60	88	112	131	1
				46	69	91	109	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
Ra	Ranslo-Harriet loams	Harriet	40	59	82	99	112	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				24	36	48	60	5
				21	32	43	53	6
Rb	Rauville silty clay loam	Rauville	90	312	405	472	522	0
				122	183	244	305	1
				76	114	151	189	2
				55	82	110	137	3
				43	65	86	108	4
				35	53	71	89	5
				30	45	60	75	6
RfA	Renshaw-Fordville loams, 0 to 2 percent slopes	Renshaw	50	609	783	907	1000	0
				151	226	301	376	1
				86	129	172	215	2
				60	90	120	150	3
				46	69	92	116	4
				38	56	75	94	5
				32	47	63	79	6
RfA	Renshaw-Fordville loams, 0 to 2 percent slopes	Fordville	35	457	589	684	756	0
				139	209	278	348	1
				82	123	164	205	2
				58	87	116	145	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
RfB	Renshaw-Fordville loams, 2 to 6 percent slopes	Renshaw	65	609	783	907	1000	0
				151	226	301	376	1
				86	129	172	215	2
				60	90	120	150	3
				46	69	92	116	4
				38	56	75	94	5
				32	47	63	79	6
RfB	Renshaw-Fordville loams, 2 to 6 percent slopes	Fordville	25	457	589	684	756	0
				139	209	278	348	1
				82	123	164	205	2
				58	87	116	145	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
RsA	Renshaw-Sioux loams, 0 to 2 percent slopes	Renshaw	60	609	783	907	1000	0
				151	226	301	376	1
				86	129	172	215	2
				60	90	120	150	3
				46	69	92	116	4
				38	56	75	94	5
				32	47	63	79	6
RsA	Renshaw-Sioux loams, 0 to 2 percent slopes	Sioux	30	445	574	667	736	0
				138	207	276	345	1
				82	122	163	204	2
				58	87	116	145	3
				45	67	90	112	4
				37	55	73	92	5
				31	47	62	78	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
RsB	Renshaw-Sioux complex, 2 to 9 percent slopes	Renshaw	55	609	783	907	1000	0
				151	226	301	376	1
				86	129	172	215	2
				60	90	120	150	3
				46	69	92	116	4
				38	56	75	94	5
				32	47	63	79	6
RsB	Renshaw-Sioux complex, 2 to 9 percent slopes	Sioux	35	445	574	667	736	0
				138	207	276	345	1
				82	122	163	204	2
				58	87	116	145	3
				45	67	90	112	4
				37	55	73	92	5
				31	47	62	78	6
Ru	Ryan-Ludden complex	Ryan	55	63	87	105	120	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
Ru	Ryan-Ludden complex	Ludden	30	54	75	91	104	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
SaA	Sinai-Nutley silty clays, 0 to 2 percent slopes	Sinai	60	55	77	94	107	0
				43	63	80	95	1
				35	53	69	83	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
SaA	Sinai-Nutley silty clays, 0 to 2 percent slopes	Nutley	30	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
SbB	Sioux gravelly loamy sand, 2 to 6 percent slopes	Sioux	90	445	574	667	736	0
				138	207	276	345	1
				82	122	163	204	2
				58	87	116	145	3
				45	67	90	112	4
				37	55	73	92	5
				31	47	62	78	6
SoB	Sioux gravelly loamy sand, 2 to 6 percent slopes, very stony	Sioux	90	445	574	667	736	0
				138	207	276	345	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				82	122	163	204	2
				58	87	116	145	3
				45	67	90	112	4
				37	55	73	92	5
				31	47	62	78	6
SrD	Sioux-Renshaw complex, 9 to 15 percent slopes	Sioux	50	445	574	667	736	0
				138	207	276	345	1
				82	122	163	204	2
				58	87	116	145	3
				45	67	90	112	4
				37	55	73	92	5
				31	47	62	78	6
SrD	Sioux-Renshaw complex, 9 to 15 percent slopes	Renshaw	40	609	783	907	1000	0
				151	226	301	376	1
				86	129	172	215	2
				60	90	120	150	3
				46	69	92	116	4
				38	56	75	94	5
				32	47	63	79	6
SrE	Sioux-Renshaw complex, 15 to 40 percent slopes	Sioux	60	445	574	667	736	0
				138	207	276	345	1
				82	122	163	204	2
				58	87	116	145	3
				45	67	90	112	4
				37	55	73	92	5
				31	47	62	78	6
SrE	Sioux-Renshaw complex, 15 to 40 percent slopes	Renshaw	30	609	783	907	1000	0
				151	226	301	376	1
				86	129	172	215	2
				60	90	120	150	3
				46	69	92	116	4
				38	56	75	94	5
				32	47	63	79	6
SsE	Sioux-Renshaw complex, 9 to 40 percent slopes, very stony	Sioux	60	445	574	667	736	0
				138	207	276	345	1
				82	122	163	204	2
				58	87	116	145	3
				45	67	90	112	4
				37	55	73	92	5
				31	47	62	78	6
SsE	Sioux-Renshaw complex, 9 to 40 percent slopes, very stony	Renshaw	30	609	783	907	1000	0
				151	226	301	376	1
				86	129	172	215	2
				60	90	120	150	3
				46	69	92	116	4
				38	56	75	94	5
				32	47	63	79	6
Sw	Southam silty clay loam	Southam	90	66	91	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
To	Tonka silt loam	Tonka	85	68	94	113	128	0
				51	75	95	111	1
				40	61	79	96	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
Va	Vallers loam, saline	Vallers	90	48	67	82	94	0
				39	56	71	84	1
				32	49	62	75	2
				28	42	55	67	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
Vh	Vallers-Hamerly loams	Vallers	60	47	66	80	92	0
				38	55	70	82	1
				32	48	62	73	2
				28	41	54	66	3
				24	36	48	59	4
				22	32	43	53	5
				20	29	39	49	6
Vh	Vallers-Hamerly loams	Hamerly	30	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
VoA	Vienna-Brookings complex, 0 to 2 percent slopes	Vienna	60	68	93	112	127	0
				51	74	94	110	1
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
VoA	Vienna-Brookings complex, 0 to 2 percent slopes	Brookings	30	77	105	125	142	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
VoB	Vienna-Brookings complex, 1 to 6 percent slopes	Vienna	65	68	93	112	127	0
				51	74	94	110	1
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
VoB	Vienna-Brookings complex, 1 to 6 percent slopes	Brookings	25	77	105	125	142	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6

South Dakota Lateral Effect Tables for Deuel County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
ArA	Arvilla sandy loam, 0 to 2 percent slopes	Arvilla	95	256	334	390	432	0
				112	168	225	275	1
				72	108	144	180	2
				53	79	106	132	3
				42	63	84	105	4
				35	52	69	86	5
				29	44	59	74	6
ArB	Arvilla sandy loam, 2 to 6 percent slopes	Arvilla	95	256	334	390	432	0
				112	168	225	275	1
				72	108	144	180	2
				53	79	106	132	3
				42	63	84	105	4
				35	52	69	86	5
				29	44	59	74	6
ArC	Arvilla sandy loam, 6 to 9 percent slopes	Arvilla	95	256	334	390	432	0
				112	168	225	275	1
				72	108	144	180	2
				53	79	106	132	3
				42	63	84	105	4
				35	52	69	86	5
				29	44	59	74	6
AvD	Arvilla-Sioux complex, 6 to 15 percent slopes	Arvilla	55	256	334	390	432	0
				112	168	225	275	1
				72	108	144	180	2
				53	79	106	132	3
				42	63	84	105	4
				35	52	69	86	5
				29	44	59	74	6
AvD	Arvilla-Sioux complex, 6 to 15 percent slopes	Sioux	35	376	486	566	625	0
				131	196	261	326	1
				79	118	158	197	2
				57	85	113	142	3
				44	66	88	110	4
				36	54	72	90	5
				31	46	61	77	6
BaB	Barnes clay loam, 2 to 6 percent slopes	Barnes	90	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
BcB	Barnes-Buse loams, 2 to 6 percent slopes	Barnes	60	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
BcB	Barnes-Buse loams, 2 to 6 percent slopes	Buse	25	39	56	69	79	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				33	48	61	72	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6
BcC	Barnes-Buse loams, 6 to 9 percent slopes	Barnes	60	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
BcC	Barnes-Buse loams, 6 to 9 percent slopes	Buse	25	39	56	69	79	0
				33	48	61	72	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6
BcE	Barnes-Buse loams, 15 to 25 percent slopes	Barnes	50	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
BcE	Barnes-Buse loams, 15 to 25 percent slopes	Buse	35	39	56	69	79	0
				33	48	61	72	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6
BeE	Barnes-Buse-Southam complex, 0 to 25 percent slopes	Barnes	35	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
BeE	Barnes-Buse-Southam complex, 0 to 25 percent slopes	Buse	25	39	56	69	79	0
				33	48	61	72	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6
BeE	Barnes-Buse-Southam complex, 0 to 25 percent slopes	Southam	25	71	98	118	133	0
				52	77	98	115	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				42	62	81	99	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
BgB	Barnes-Buse-Svea loams, 1 to 6 percent slopes	Barnes	40	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
BgB	Barnes-Buse-Svea loams, 1 to 6 percent slopes	Buse	30	50	69	85	97	0
				40	58	73	87	1
				33	50	64	77	2
				29	43	56	68	3
				25	38	50	61	4
				22	33	44	55	5
				20	30	40	50	6
BgB	Barnes-Buse-Svea loams, 1 to 6 percent slopes	Svea	20	66	91	110	125	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
BgD	Barnes-Buse-Svea loams, 2 to 15 percent slopes	Barnes	40	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
BgD	Barnes-Buse-Svea loams, 2 to 15 percent slopes	Buse	25	39	56	69	79	0
				33	48	61	72	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6
BgD	Barnes-Buse-Svea loams, 2 to 15 percent slopes	Svea	25	79	107	128	145	0
				57	84	105	123	1
				44	66	87	104	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
BkA	Barnes-Svea loams, 0 to 2 percent slopes	Barnes	70	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
BkA	Barnes-Svea loams, 0 to 2 percent slopes	Svea	20	79	107	128	145	0
				57	84	105	123	1
				44	66	87	104	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
BkB	Barnes-Svea loams, 1 to 6 percent slopes	Barnes	60	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
BkB	Barnes-Svea loams, 1 to 6 percent slopes	Svea	25	79	107	128	145	0
				57	84	105	123	1
				44	66	87	104	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
BmC	Barnes-Svea-Buse loams, 2 to 9 percent slopes	Barnes	40	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
BmC	Barnes-Svea-Buse loams, 2 to 9 percent slopes	Svea	25	79	107	128	145	0
				57	84	105	123	1
				44	66	87	104	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
BmC	Barnes-Svea-Buse loams, 2 to 9 percent slopes	Buse	20	39	56	69	79	0
				33	48	61	72	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6
BnD	Barnes-Svea-Buse loams, 2 to 12 percent slopes, stony	Barnes	50	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
BnD	Barnes-Svea-Buse loams, 2 to 12 percent slopes, stony	Svea	25	79	107	128	145	0
				57	84	105	123	1
				44	66	87	104	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
BnD	Barnes-Svea-Buse loams, 2 to 12 percent slopes, stony	Buse	20	39	56	69	79	0
				33	48	61	72	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6
Bp	Brandt silty clay loam, 0 to 2 percent slopes	Brandt	95	210	275	322	358	0
				102	154	205	245	1
				68	102	135	169	2
				51	76	101	127	3
				40	61	81	101	4
				34	50	67	84	5
				29	43	58	72	6
Br	Brookings silty clay loam	Brookings	95	69	94	114	129	0
				51	75	95	112	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
BtE	Buse loam, 20 to 40 percent slopes	Buse	90	39	56	69	79	0
				33	48	61	72	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6
BvE	Buse-Barnes loams, 9 to 40 percent slopes, very stony	Buse	55	39	56	69	79	0
				33	48	61	72	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6
BvE	Buse-Barnes loams, 9 to 40 percent slopes, very stony	Barnes	30	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				21	31	42	52	6
BxE	Buse-Lamoure, channeled, complex, 0 to 40 percent slopes	Buse	50	39	56	69	79	0
				33	48	61	72	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6
BxE	Buse-Lamoure, channeled, complex, 0 to 40 percent slopes	Lamoure	30	96	130	155	174	0
				65	97	122	144	1
				49	73	98	118	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
Ca	Castlewood silty clay	Castlewood	95	71	98	117	133	0
				52	77	98	114	1
				42	62	81	99	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
Cu	Cubden silty clay loam	Cubden	95	64	88	106	120	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
DcA	Darnen loam, 0 to 2 percent slopes	Darnen	90	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
DcB	Darnen loam, 2 to 6 percent slopes	Darnen	95	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
Dv	Divide loam	Divide	90	484	624	724	799	0
				142	212	283	354	1
				83	124	166	207	2
				59	88	117	146	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
EcB	Eckman loam, 2 to 6 percent slopes	Eckman	90	112	150	178	199	0
				72	108	136	161	1
				53	79	106	128	2
				42	63	84	104	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				35	52	69	86	4
				29	44	59	74	5
				26	39	51	64	6
EgA	Egeland-Embden complex, 0 to 2 percent slopes	Egeland	60	147	196	231	257	0
				85	127	164	197	1
				60	89	119	148	2
				46	69	92	115	3
				37	56	75	93	4
				31	47	63	79	5
				27	41	54	68	6
EgA	Egeland-Embden complex, 0 to 2 percent slopes	Embden	30	132	175	207	232	0
				80	119	152	181	1
				57	85	114	140	2
				44	66	89	111	3
				36	54	73	91	4
				31	46	61	77	5
				27	40	53	67	6
EgB	Egeland-Embden complex, 2 to 6 percent slopes	Egeland	60	147	196	231	257	0
				85	127	164	197	1
				60	89	119	148	2
				46	69	92	115	3
				37	56	75	93	4
				31	47	63	79	5
				27	41	54	68	6
EgB	Egeland-Embden complex, 2 to 6 percent slopes	Embden	30	132	175	207	232	0
				80	119	152	181	1
				57	85	114	140	2
				44	66	89	111	3
				36	54	73	91	4
				31	46	61	77	5
				27	40	53	67	6
EsA	Estelline silt loam, 0 to 2 percent slopes	Estelline	95	479	618	717	792	0
				141	212	282	353	1
				83	124	165	207	2
				59	88	117	146	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
EsB	Estelline silt loam, 2 to 6 percent slopes	Estelline	95	479	618	717	792	0
				141	212	282	353	1
				83	124	165	207	2
				59	88	117	146	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
FeA	Fordville loam, 0 to 2 percent slopes	Fordville	95	159	210	247	276	0
				89	133	173	207	1
				61	92	123	153	2
				47	70	94	117	3
				38	57	76	95	4
				32	48	64	80	5
				28	41	55	69	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
FeB	Fordville loam, 2 to 6 percent slopes	Fordville	95	159	210	247	276	0
				89	133	173	207	1
				61	92	123	153	2
				47	70	94	117	3
				38	57	76	95	4
				32	48	64	80	5
				28	41	55	69	6
FgB	Fordville-Renshaw loams, 2 to 6 percent slopes	Fordville	60	159	210	247	276	0
				89	133	173	207	1
				61	92	123	153	2
				47	70	94	117	3
				38	57	76	95	4
				32	48	64	80	5
				28	41	55	69	6
FgB	Fordville-Renshaw loams, 2 to 6 percent slopes	Renshaw	35	228	298	349	387	0
				107	160	213	258	1
				70	104	139	174	2
				52	77	103	129	3
				41	62	82	103	4
				34	51	68	85	5
				29	44	58	73	6
FmA	Forman-Aastad loams, 0 to 2 percent slopes	Forman	70	64	88	107	121	0
				48	71	90	106	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
FmA	Forman-Aastad loams, 0 to 2 percent slopes	Aastad	20	42	59	73	84	0
				35	50	64	76	1
				30	44	57	68	2
				26	39	50	61	3
				23	34	45	55	4
				20	31	41	50	5
				19	28	37	46	6
FmB	Forman-Aastad loams, 1 to 6 percent slopes	Forman	60	64	88	107	121	0
				48	71	90	106	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
FmB	Forman-Aastad loams, 1 to 6 percent slopes	Aastad	25	42	59	73	84	0
				35	50	64	76	1
				30	44	57	68	2
				26	39	50	61	3
				23	34	45	55	4
				20	31	41	50	5
				19	28	37	46	6
FtC	Forman-Buse-Aastad loams, 2 to 9 percent slopes	Forman	40	64	88	107	121	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				48	71	90	106	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
FtC	Forman-Buse-Aastad loams, 2 to 9 percent slopes	Aastad	25	42	59	73	84	0
				35	50	64	76	1
				30	44	57	68	2
				26	39	50	61	3
				23	34	45	55	4
				20	31	41	50	5
				19	28	37	46	6
FtC	Forman-Buse-Aastad loams, 2 to 9 percent slopes	Buse	25	39	56	69	79	0
				33	48	61	72	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6
FtD	Forman-Buse-Aastad loams, 2 to 15 percent slopes	Forman	40	64	88	107	121	0
				48	71	90	106	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
FtD	Forman-Buse-Aastad loams, 2 to 15 percent slopes	Aastad	25	42	59	73	84	0
				35	50	64	76	1
				30	44	57	68	2
				26	39	50	61	3
				23	34	45	55	4
				20	31	41	50	5
				19	28	37	46	6
FtD	Forman-Buse-Aastad loams, 2 to 15 percent slopes	Buse	25	39	56	69	79	0
				33	48	61	72	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6
Fx	Fossum sandy loam	Fossum	95	323	420	489	541	0
				124	185	247	309	1
				76	115	153	191	2
				55	83	111	138	3
				43	65	87	108	4
				36	53	71	89	5
				30	45	60	76	6
Fy	Fulda silty clay loam	Fulda	95	79	108	129	146	0
				57	84	106	124	1
				44	66	87	105	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
Hm	Hamerly-Badger complex	Hamerly	65	54	76	92	104	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
Hm	Hamerly-Badger complex	Badger	30	75	103	123	139	0
				55	80	102	119	1
				43	64	84	102	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
Hn	Hamerly-Tonka complex, 0 to 2 percent slopes	Hamerly	60	57	79	95	108	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
Hn	Hamerly-Tonka complex, 0 to 2 percent slopes	Tonka	25	70	96	115	130	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
HtA	Hegne-Fulda silty clay loams	Hegne	60	54	75	91	104	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
HtA	Hegne-Fulda silty clay loams	Fulda	30	79	108	129	146	0
				57	84	106	124	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
KrA	Kranzburg-Brookings silty clay loams, 0 to 2 percent slopes	Kranzburg	70	69	94	114	129	0
				51	75	95	112	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
KrA	Kranzburg-Brookings silty clay loams, 0 to 2 percent slopes	Brookings	20	69	94	114	129	0
				51	75	95	112	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
KrB	Kranzburg-Brookings silty clay loams, 1 to 6 percent slopes	Kranzburg	50	69	94	114	129	0
				51	75	95	112	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
KrB	Kranzburg-Brookings silty clay loams, 1 to 6 percent slopes	Brookings	40	69	94	114	129	0
				51	75	95	112	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
KrC	Kranzburg-Brookings silty clay loams, 2 to 9 percent slopes	Kranzburg	60	69	94	114	129	0
				51	75	95	112	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
KrC	Kranzburg-Brookings silty clay loams, 2 to 9 percent slopes	Brookings	30	69	94	114	129	0
				51	75	95	112	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
La	La Prairie loam	La Prairie	95	92	124	148	167	0
				63	94	118	139	1
				48	72	95	115	2
				39	58	77	96	3
				32	49	65	81	4
				28	42	56	70	5
				24	37	49	61	6
Ld	LaDelle silt loam	LaDelle	90	97	131	156	176	0
				65	98	123	145	1
				49	74	98	118	2
				40	59	79	99	3
				33	49	66	82	4
				28	42	57	71	5
				25	37	50	62	6
Lm	Lamoure silty clay loam	Lamoure	95	96	130	155	174	0
				65	97	122	144	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				49	73	98	118	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
Lp	Lamoure-La Prairie complex, channeled	Lamoure	60	126	168	199	223	0
				77	116	148	176	1
				56	84	112	137	2
				44	65	87	109	3
				36	54	72	89	4
				30	46	61	76	5
				26	40	53	66	6
Lp	Lamoure-La Prairie complex, channeled	La Prairie	25	92	124	148	167	0
				63	94	118	139	1
				48	72	95	115	2
				39	58	77	96	3
				32	49	65	81	4
				28	42	56	70	5
				24	37	49	61	6
Lr	Lamoure-Rauville silty clay loams, channeled	Lamoure	60	96	130	155	174	0
				65	97	122	144	1
				49	73	98	118	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
Lr	Lamoure-Rauville silty clay loams, channeled	Rauville	25	342	443	516	571	0
				126	189	252	315	1
				77	116	155	193	2
				56	84	112	139	3
				44	65	87	109	4
				36	54	72	90	5
				30	46	61	76	6
Lw	Lowe loam	Lowe	90	77	106	127	143	0
				56	82	105	122	1
				44	65	85	104	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
MdE	Maddock loamy fine sand, 6 to 25 percent slopes	Maddock	90	138	183	217	242	0
				82	122	157	187	1
				58	87	116	144	2
				45	67	90	112	3
				37	55	73	92	4
				31	47	62	78	5
				27	40	54	67	6
Mg	Marysland loam	Marysland	95	507	653	757	836	0
				143	215	287	359	1
				84	125	167	209	2
				59	88	118	147	3
				46	68	91	114	4
				37	56	74	93	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				31	47	63	78	6
Mk	McIntosh-Badger silty clay loams	McIntosh	65	62	85	103	117	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
Mk	McIntosh-Badger silty clay loams	Badger	25	75	103	123	139	0
				55	80	102	119	1
				43	64	84	102	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
Mn	McIntosh-Lamoure silty clay loams	McIntosh	65	62	85	103	117	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
Mn	McIntosh-Lamoure silty clay loams	Lamoure	25	96	130	155	174	0
				65	97	122	144	1
				49	73	98	118	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
Mr	Moritz-Lamoure complex	Moritz	65	88	119	142	160	0
				61	91	115	134	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
Mr	Moritz-Lamoure complex	Lamoure	25	126	168	199	223	0
				77	116	148	176	1
				56	84	112	137	2
				44	65	87	109	3
				36	54	72	89	4
				30	46	61	76	5
				26	40	53	66	6
NsC	Nutley-Sinai silty clays, 6 to 12 percent slopes	Nutley	55	43	61	75	86	0
				35	52	66	77	1
				30	45	58	70	2
				26	39	51	63	3
				23	35	46	56	4
				21	31	41	51	5
				19	28	38	47	6
NsC	Nutley-Sinai silty clays, 6 to 12 percent slopes	Sinai	35	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
Od	Oldham silty clay loam	Oldham	95	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
Pa	Parnell silty clay loam	Parnell	95	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
Pc	Parnell-Vallers complex	Parnell	55	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
Pc	Parnell-Vallers complex	Vallers	40	55	77	93	106	0
				43	63	80	94	1
				35	53	69	83	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
PeA	Peever clay loam, 0 to 2 percent slopes	Peever	95	46	65	79	91	0
				37	55	69	81	1
				32	47	61	73	2
				27	41	54	65	3
				24	36	48	59	4
				21	32	43	53	5
				19	29	39	48	6
PeB	Peever clay loam, 2 to 6 percent slopes	Peever	95	46	65	79	91	0
				37	55	69	81	1
				32	47	61	73	2
				27	41	54	65	3
				24	36	48	59	4
				21	32	43	53	5
				19	29	39	48	6
Pg	Peever-Cavour clay loams	Peever	65	46	65	79	91	0
				37	55	69	81	1
				32	47	61	73	2
				27	41	54	65	3
				24	36	48	59	4
				21	32	43	53	5
				19	29	39	48	6
Pg	Peever-Cavour clay loams	Cavour	25	49	68	83	95	0
				39	57	72	85	1
				33	49	63	75	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				28	42	55	68	3
				25	37	49	60	4
				22	33	44	54	5
				20	30	40	50	6
Pm	Playmoor silty clay loam	Playmoor	90	98	132	157	176	0
				66	99	124	146	1
				49	74	99	119	2
				40	60	79	99	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
PoC	Poinsett silty clay loam, 6 to 9 percent slopes	Poinsett	95	67	93	112	126	0
				50	74	94	110	1
				40	60	78	95	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
PwA	Poinsett-Waubay silty clay loams, 0 to 2 percent slopes	Poinsett	70	67	93	112	126	0
				50	74	94	110	1
				40	60	78	95	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
PwA	Poinsett-Waubay silty clay loams, 0 to 2 percent slopes	Waubay	20	63	88	106	120	0
				48	70	90	105	1
				39	58	75	91	2
				32	49	65	79	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
PwB	Poinsett-Waubay silty clay loams, 1 to 6 percent slopes	Poinsett	60	67	93	112	126	0
				50	74	94	110	1
				40	60	78	95	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
PwB	Poinsett-Waubay silty clay loams, 1 to 6 percent slopes	Waubay	30	63	88	106	120	0
				48	70	90	105	1
				39	58	75	91	2
				32	49	65	79	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
Rc	Rauville silty clay loam	Rauville	95	342	443	516	571	0
				126	189	252	315	1
				77	116	155	193	2
				56	84	112	139	3
				44	65	87	109	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				36	54	72	90	5
				30	46	61	76	6
ReA	Renshaw loam, 0 to 2 percent slopes	Renshaw	95	228	298	349	387	0
				107	160	213	258	1
				70	104	139	174	2
				52	77	103	129	3
				41	62	82	103	4
				34	51	68	85	5
				29	44	58	73	6
ReB	Renshaw loam, 2 to 6 percent slopes	Renshaw	95	228	298	349	387	0
				107	160	213	258	1
				70	104	139	174	2
				52	77	103	129	3
				41	62	82	103	4
				34	51	68	85	5
				29	44	58	73	6
RsB	Renshaw-Sioux complex, 2 to 6 percent slopes	Renshaw	60	228	298	349	387	0
				107	160	213	258	1
				70	104	139	174	2
				52	77	103	129	3
				41	62	82	103	4
				34	51	68	85	5
				29	44	58	73	6
RsB	Renshaw-Sioux complex, 2 to 6 percent slopes	Sioux	30	376	486	566	625	0
				131	196	261	326	1
				79	118	158	197	2
				57	85	113	142	3
				44	66	88	110	4
				36	54	72	90	5
				31	46	61	77	6
RtA	Rentill loam	Rentill	90	116	155	184	206	0
				73	110	140	165	1
				54	81	107	131	2
				42	64	85	106	3
				35	52	70	87	4
				30	45	59	74	5
				26	39	52	65	6
SbA	Sinai silty clay, 0 to 2 percent slopes	Sinai	90	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
SbB	Sinai silty clay, 2 to 6 percent slopes	Sinai	90	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
ShA	Singsaas-Waubay silty clay loams, 0 to 2 percent slopes	Singsaas	60	70	97	116	131	0
				52	76	97	113	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				41	62	81	98	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
ShA	Singsaas-Waubay silty clay loams, 0 to 2 percent slopes	Waubay	30	63	88	106	120	0
				48	70	90	105	1
				39	58	75	91	2
				32	49	65	79	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
ShB	Singsaas-Waubay silty clay loams, 1 to 6 percent slopes	Singsaas	60	70	97	116	131	0
				52	76	97	113	1
				41	62	81	98	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
ShB	Singsaas-Waubay silty clay loams, 1 to 6 percent slopes	Waubay	25	63	88	106	120	0
				48	70	90	105	1
				39	58	75	91	2
				32	49	65	79	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
SkF	Sioux-Arvilla complex, 15 to 40 percent slopes	Sioux	65	376	486	566	625	0
				131	196	261	326	1
				79	118	158	197	2
				57	85	113	142	3
				44	66	88	110	4
				36	54	72	90	5
				31	46	61	77	6
SkF	Sioux-Arvilla complex, 15 to 40 percent slopes	Arvilla	30	256	334	390	432	0
				112	168	225	275	1
				72	108	144	180	2
				53	79	106	132	3
				42	63	84	105	4
				35	52	69	86	5
				29	44	59	74	6
SnD	Sioux-Renshaw complex, 9 to 15 percent slopes	Sioux	55	376	486	566	625	0
				131	196	261	326	1
				79	118	158	197	2
				57	85	113	142	3
				44	66	88	110	4
				36	54	72	90	5
				31	46	61	77	6
SnD	Sioux-Renshaw complex, 9 to 15 percent slopes	Renshaw	35	228	298	349	387	0
				107	160	213	258	1
				70	104	139	174	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				52	77	103	129	3
				41	62	82	103	4
				34	51	68	85	5
				29	44	58	73	6
So	Southam silty clay loam	Southam	95	71	98	118	133	0
				52	77	98	115	1
				42	62	81	99	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
SwA	Swenoda sandy loam, 0 to 2 percent slopes	Swenoda	95	65	90	108	123	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
SwB	Swenoda sandy loam, 2 to 6 percent slopes	Swenoda	95	65	90	108	123	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
Vc	Vallers loam	Vallers	95	55	77	93	106	0
				43	63	80	94	1
				35	53	69	83	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
VrA	Vienna-Brookings complex, 0 to 2 percent slopes	Vienna	60	67	93	112	126	0
				50	74	94	110	1
				40	60	78	95	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
VrA	Vienna-Brookings complex, 0 to 2 percent slopes	Brookings	30	69	94	114	129	0
				51	75	95	112	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
VtB	Vienna-Brookings complex, 1 to 6 percent slopes	Vienna	60	67	93	112	126	0
				50	74	94	110	1
				40	60	78	95	2
				33	50	67	81	3
				29	43	57	71	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				25	38	50	63	5
				22	33	45	56	6
VtB	Vienna-Brookings complex, 1 to 6 percent slopes	Brookings	30	69	94	114	129	0
				51	75	95	112	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
VwC	Vienna-Buse complex, 6 to 9 percent slopes	Vienna	60	67	93	112	126	0
				50	74	94	110	1
				40	60	78	95	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
VwC	Vienna-Buse complex, 6 to 9 percent slopes	Buse	30	39	56	69	79	0
				33	48	61	72	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6
VzA	Vienna-Forestville loams, 0 to 2 percent slopes	Vienna	60	65	90	109	123	0
				49	72	92	108	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
VzA	Vienna-Forestville loams, 0 to 2 percent slopes	Forestville	25	63	87	105	119	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
VzB	Vienna-Barnes-Forestville complex, 1 to 6 percent slopes	Vienna	40	65	90	109	123	0
				49	72	92	108	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
VzB	Vienna-Barnes-Forestville complex, 1 to 6 percent slopes	Barnes	30	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				21	32	42	53	6
VzB	Vienna-Barnes-Forestville complex, 1 to 6 percent slopes	Forestville	15	63	87	105	119	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
ZrC	Zell-Eckman complex, 6 to 12 percent slopes	Zell	60	148	196	231	258	0
				85	128	165	197	1
				60	90	119	149	2
				46	69	92	115	3
				37	56	75	93	4
				31	47	63	79	5
				27	41	54	68	6
ZrC	Zell-Eckman complex, 6 to 12 percent slopes	Eckman	30	112	150	178	199	0
				72	108	136	161	1
				53	79	106	128	2
				42	63	84	104	3
				35	52	69	86	4
				29	44	59	74	5
				26	39	51	64	6

South Dakota Lateral Effect Tables for Dewey

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
AbA	Rhoades silt loam, 0 to 2 percent slopes	Rhoades	85	68	93	112	127	0
				51	74	94	110	1
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	71	4
				25	38	50	63	5
				22	34	45	56	6
AcA	slopes	Rhoades	55	68	93	112	127	0
				51	74	94	110	1
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	71	4
				25	38	50	63	5
				22	34	45	56	6
AgB	Agar silt loam, 2 to 6 percent slopes	Agar	80	119	160	189	212	0
				75	112	143	169	1
				54	82	109	133	2
				43	64	86	107	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
AgB	Agar silt loam, 2 to 6 percent slopes	Reliance	19	89	121	144	162	0
				62	92	116	136	1
				47	71	93	113	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
AsA	slopes	Capa	50	67	93	111	126	0
				50	74	94	110	1
				40	60	78	95	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
BdA	slopes	Belfield	60	94	127	151	170	0
				64	95	120	141	1
				48	73	96	116	2
				39	58	78	97	3
				33	49	65	82	4
				28	42	56	70	5
				25	37	49	61	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
BdA	slopes	Daglum	20	42	59	72	83	0
				34	50	64	75	1
				29	44	57	68	2
				26	38	50	61	3
				23	34	45	55	4
				20	31	41	50	5
				18	28	37	46	6
BrA	Belfield-Reeder loams, 0 to 2 percent slopes	Belfield	50	78	107	128	145	0
				56	83	105	123	1
				44	66	86	104	2
				36	54	72	88	3
				31	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
BrB	Belfield-Reeder loams, 2 to 6 percent slopes	Belfield	45	78	107	128	145	0
				56	83	105	123	1
				44	66	86	104	2
				36	54	72	88	3
				31	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
BrC	Belfield-Reeder loams, 6 to 9 percent slopes	Belfield	45	78	107	128	145	0
				56	83	105	123	1
				44	66	86	104	2
				36	54	72	88	3
				31	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
CdA	Canning loam, 0 to 2 percent slopes	Canning	90	494	637	739	816	0
				142	214	285	356	1
				83	125	166	208	2
				59	88	117	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
CsC	slopes	Rockoutcrop	40	56	78	95	108	0
				44	64	81	96	1
				36	54	70	84	2
				31	46	60	74	3
				27	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
DaA	Daglum silt loam, 0 to 2 percent slopes	Daglum	70	42	59	72	83	0
				34	50	64	75	1
				29	44	57	68	2
				26	38	50	61	3
				23	34	45	55	4
				20	31	41	50	5
				18	28	37	46	6
EkA	slopes	Ekalaka	80	115	154	183	205	0
				73	110	139	164	1
				53	80	107	130	2
				42	63	84	106	3
				35	52	70	87	4
				30	45	59	74	5
				26	39	52	65	6
EkC	slopes	Ekalaka	85	115	154	183	205	0
				73	110	139	164	1
				53	80	107	130	2
				42	63	84	106	3
				35	52	70	87	4
				30	45	59	74	5
				26	39	52	65	6
FaA	Farland silt loam, 0 to 2 percent slopes	Farland	90	118	158	187	210	0
				74	111	141	167	1
				54	81	108	132	2
				43	64	85	107	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
FaB	Farland silt loam, 2 to 6 percent slopes	Farland	85	118	158	187	210	0
				74	111	141	167	1
				54	81	108	132	2
				43	64	85	107	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
Gb	Glenross fine sandy loam	Glenross	80	217	284	333	370	0
				104	156	208	250	1
				68	103	137	171	2
				51	76	102	127	3
				41	61	81	102	4
				34	51	68	84	5
				29	43	58	72	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Gp	Pits, gravel	Orthents	99	553	711	824	910	0
				147	220	294	367	1
				85	127	169	212	2
				59	89	119	149	3
				46	69	92	115	4
				37	56	75	93	5
				31	47	63	79	6
Gr	Glenross-Regan fine sandy loams	Glenross	60	217	284	333	370	0
				104	156	208	250	1
				68	103	137	171	2
				51	76	102	127	3
				41	61	81	102	4
				34	51	68	84	5
				29	43	58	72	6
Gr	Glenross-Regan fine sandy loams	Regan	35	78	106	127	144	0
				56	83	105	123	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
Hc	Heil soils	Heil	95	49	69	84	96	0
				40	58	73	86	1
				33	49	64	76	2
				28	42	56	68	3
				25	37	50	61	4
				22	33	44	55	5
				20	30	40	50	6
In	Intermittent lakes	Aquolls	95	76	104	125	141	0
				55	81	103	120	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
Lo	Lohler silty clay	Lohler	90	69	95	114	129	0
				51	75	95	112	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Lp	Lohler and Havrelon soils	Havrelon	40	60	83	100	114	0
				46	67	85	100	1
				37	56	72	87	2
				32	47	63	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	54	6
Lp	Lohler and Havrelon soils	Lohler	40	69	95	114	129	0
				51	75	95	112	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
LwA	Lowry silt loam, 0 to 2 percent slopes	Lowry	95	163	215	253	282	0
				90	135	176	210	1
				62	93	124	155	2
				47	71	95	118	3
				38	57	77	96	4
				32	48	64	80	5
				28	42	55	69	6
LwB	Lowry silt loam, 2 to 6 percent slopes	Lowry	90	163	215	253	282	0
				90	135	176	210	1
				62	93	124	155	2
				47	71	95	118	3
				38	57	77	96	4
				32	48	64	80	5
				28	42	55	69	6
MdA	slopes	Belfield	35	78	107	128	145	0
				56	83	105	123	1
				44	66	86	104	2
				36	54	72	88	3
				31	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
MdB	slopes	Belfield	25	78	107	128	145	0
				56	83	105	123	1
				44	66	86	104	2
				36	54	72	88	3
				31	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
MfA	slopes	Farland	30	118	158	187	210	0
				74	111	141	167	1
				54	81	108	132	2
				43	64	85	107	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
Na	Lohler, channeled-Rhoades complex	Rhoades	40	68	93	112	127	0
				51	74	94	110	1
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	71	4
				25	38	50	63	5
				22	34	45	56	6
Na	Lohler, channeled-Rhoades complex	Daglum	30	72	98	118	134	0
				53	78	99	115	1
				42	63	82	99	2
				35	52	69	84	3
				29	44	59	73	4
				26	39	51	64	5
				23	34	46	57	6
OpA	Opal-Promise clays, 1 to 4 percent slopes	Promise	40	79	108	129	146	0
				57	84	106	124	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
Pa	Parshall fine sandy loam	Parshall	90	191	252	295	328	0
				98	147	195	232	1
				66	99	131	164	2
				49	74	99	124	3
				40	59	79	99	4
				33	50	66	83	5
				28	43	57	71	6
Pe	Parshall-Ekalaka fine sandy loams	Parshall	60	191	252	295	328	0
				98	147	195	232	1
				66	99	131	164	2
				49	74	99	124	3
				40	59	79	99	4
				33	50	66	83	5
				28	43	57	71	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Pe	Parshall-Ekalaka fine sandy loams	Ekalaka	30	115	154	183	205	0
				73	110	139	164	1
				53	80	107	130	2
				42	63	84	106	3
				35	52	70	87	4
				30	45	59	74	5
				26	39	52	65	6
PrA	Promise clay, 0 to 2 percent slopes	Promise	90	79	108	129	146	0
				57	84	106	124	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
PrB	Promise clay, 2 to 6 percent slopes	Promise	90	79	108	129	146	0
				57	84	106	124	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
PsA	slopes	Promise	70	79	108	129	146	0
				57	84	106	124	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
Pw	Promise-Wendte clays, channeled	Promise	65	79	108	129	146	0
				57	84	106	124	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
Pw	Promise-Wendte clays, channeled	Wendte	25	76	104	124	140	0
				55	81	103	120	1
				43	65	84	102	2
				35	53	71	87	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
RpA	percent slopes	Ridgeview	45	79	108	129	146	0
				57	84	106	124	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
RpB	percent slopes	Ridgeview	45	79	108	129	146	0
				57	84	106	124	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
RsA	Reliance silty clay loam, 0 to 2 percent slopes	Reliance	95	89	121	144	162	0
				62	92	116	136	1
				47	71	93	113	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
RsB	Reliance silty clay loam, 2 to 6 percent slopes	Reliance	95	89	121	144	162	0
				62	92	116	136	1
				47	71	93	113	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
RtB	slopes	Rhoades	45	68	93	112	127	0
				51	74	94	110	1
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	71	4
				25	38	50	63	5
				22	34	45	56	6
RtB	slopes	Daglum	30	42	60	73	84	0
				35	51	64	76	1
				30	44	57	68	2
				26	39	51	62	3
				23	34	45	56	4
				21	31	41	50	5
				19	28	37	46	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
RvA	slopes	Ridgeview	85	79	108	129	146	0
				57	84	106	124	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
ScF	slopes	Rockoutcrop	45	56	78	95	108	0
				44	64	81	96	1
				36	54	70	84	2
				31	46	60	74	3
				27	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
SdC	percent slopes	Schamber	80	324	421	490	543	0
				124	186	247	309	1
				76	115	153	191	2
				55	83	111	138	3
				43	65	87	108	4
				36	53	71	89	5
				30	45	60	76	6
SfF	slopes	Schamber	50	324	421	490	543	0
				124	186	247	309	1
				76	115	153	191	2
				55	83	111	138	3
				43	65	87	108	4
				36	53	71	89	5
				30	45	60	76	6
Sh	Shale land	Rockoutcrop	75	56	78	95	108	0
				44	64	81	96	1
				36	54	70	84	2
				31	46	60	74	3
				27	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
Sm	Shambo loam	Shambo	90	127	170	201	225	0
				78	117	149	177	1
				56	84	112	138	2
				44	66	88	109	3
				36	54	72	90	4
				30	46	61	76	5
				26	40	53	66	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Sw	Bullcreek clay	Bullcreek	90	59	82	100	113	0
				46	67	85	100	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
Sy	Bullcreek-Slickspots complex	Bullcreek	55	59	82	100	113	0
				46	67	85	100	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
Ta	Tally fine sandy loam	Tally	90	197	258	303	337	0
				99	149	198	236	1
				66	99	133	166	2
				50	75	100	124	3
				40	60	80	100	4
				33	50	66	83	5
				29	43	57	71	6
Th	Trembles-Havrelon complex	Trembles	55	123	164	194	217	0
				76	114	145	172	1
				55	83	110	135	2
				43	65	86	108	3
				36	53	71	89	4
				30	45	60	75	5
				26	39	52	66	6
Th	Trembles-Havrelon complex	Havrelon	35	60	83	100	114	0
				46	67	85	100	1
				37	56	72	87	2
				32	47	63	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	54	6
Tr	Trembles and Banks soils	Banks	45	300	389	454	503	0
				120	180	240	300	1
				75	112	150	187	2
				55	82	109	136	3
				43	64	86	107	4
				35	53	71	88	5
				30	45	60	75	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Tr	Trembles and Banks soils	Trembles	40	110	148	175	197	0
				71	107	135	159	1
				52	79	105	127	2
				42	62	83	104	3
				34	52	69	86	4
				29	44	59	73	5
				26	38	51	64	6
***NOTE:**	The following soils have a barrier layer less than eight (8) feet and must be calculated using a different method.							
AcA	slopes	Slickspots	40	barrier	barrier	barrier	barrier	0
ArB	percent slopes	Parchin	40	barrier	barrier	barrier	barrier	0
ArB	percent slopes	Bullock	30	barrier	barrier	barrier	barrier	0
ArB	percent slopes	Slickspots	25	barrier	barrier	barrier	barrier	0
AsA	slopes	Slickspots	40	barrier	barrier	barrier	barrier	0
BrA	Belfield-Reeder loams, 0 to 2 percent slopes	Reeder	30	barrier	barrier	barrier	barrier	0
BrB	Belfield-Reeder loams, 2 to 6 percent slopes	Reeder	40	barrier	barrier	barrier	barrier	0
BrC	Belfield-Reeder loams, 6 to 9 percent slopes	Reeder	40	barrier	barrier	barrier	barrier	0
CbE	slopes	Cabba	50	barrier	barrier	barrier	barrier	0
CbE	slopes	Lantry	35	barrier	barrier	barrier	barrier	0
CbF	slopes	Cabba	65	barrier	barrier	barrier	barrier	0
CbF	slopes	Lantry	20	barrier	barrier	barrier	barrier	0
ChB	Chantier clay, 2 to 9 percent slopes	Chantier	85	barrier	barrier	barrier	barrier	0
CsC	slopes	Chantier	50	barrier	barrier	barrier	barrier	0
DoB	Dupree-Opal clays, 2 to 9 percent slopes	Dupree	45	barrier	barrier	barrier	barrier	0
DoB	Dupree-Opal clays, 2 to 9 percent slopes	Opal	45	barrier	barrier	barrier	barrier	0
DsE	Dupree-Sansarc clays, 9 to 25 percent slopes	Dupree	60	barrier	barrier	barrier	barrier	0
DsE	Dupree-Sansarc clays, 9 to 25 percent slopes	Sansarc	25	barrier	barrier	barrier	barrier	0
FbF	slopes	Flasher	75	barrier	barrier	barrier	barrier	0
FvD	slopes	Flasher	50	barrier	barrier	barrier	barrier	0
FvD	slopes	Vebar	40	barrier	barrier	barrier	barrier	0
FvE	slopes	Flasher	70	barrier	barrier	barrier	barrier	0
FvE	slopes	Vebar	25	barrier	barrier	barrier	barrier	0
HsB	slopes	Hurley	65	barrier	barrier	barrier	barrier	0
HsB	slopes	Slickspots	20	barrier	barrier	barrier	barrier	0
LmD	slopes	Lantry	50	barrier	barrier	barrier	barrier	0
LmD	slopes	Morton	40	barrier	barrier	barrier	barrier	0
MbD	slopes	Moreau	45	barrier	barrier	barrier	barrier	0
MbD	slopes	Wayden	35	barrier	barrier	barrier	barrier	0
McB	Morton silt loam, 2 to 6 percent slopes	Morton	75	barrier	barrier	barrier	barrier	0
MdA	slopes	Morton	50	barrier	barrier	barrier	barrier	0
MdB	slopes	Morton	60	barrier	barrier	barrier	barrier	0
MfA	slopes	Morton	65	barrier	barrier	barrier	barrier	0
MgB	slopes	Morton	55	barrier	barrier	barrier	barrier	0
MgB	slopes	Lantry	30	barrier	barrier	barrier	barrier	0
OaB	Opal clay, 2 to 9 percent slopes	Opal	80	barrier	barrier	barrier	barrier	0
OhB	Opal-Hurley complex, 0 to 9 percent slopes	Opal	50	barrier	barrier	barrier	barrier	0
OhB	Opal-Hurley complex, 0 to 9 percent slopes	Hurley	25	barrier	barrier	barrier	barrier	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
OpA	Opal-Promise clays, 1 to 4 percent slopes	Opal	50	barrier	barrier	barrier	barrier	0
OsC	Opal-Sansarc clays, 6 to 15 percent slopes	Opal	60	barrier	barrier	barrier	barrier	0
OsC	Opal-Sansarc clays, 6 to 15 percent slopes	Sansarc	25	barrier	barrier	barrier	barrier	0
OtB	slopes	Opal	50	barrier	barrier	barrier	barrier	0
OtB	slopes	Slickspots	30	barrier	barrier	barrier	barrier	0
PsA	slopes	Slickspots	25	barrier	barrier	barrier	barrier	0
RaA	Reeder loam, 0 to 2 percent slopes	Reeder	85	barrier	barrier	barrier	barrier	0
RaB	Reeder loam, 2 to 6 percent slopes	Reeder	90	barrier	barrier	barrier	barrier	0
RaC	Reeder loam, 6 to 9 percent slopes	Reeder	90	barrier	barrier	barrier	barrier	0
RbC	Regent silty clay loam, 6 to 9 percent slopes	Regent	85	barrier	barrier	barrier	barrier	0
RmB	slopes	Regent	55	barrier	barrier	barrier	barrier	0
RmB	slopes	Moreau	40	barrier	barrier	barrier	barrier	0
RpA	percent slopes	Regent	50	barrier	barrier	barrier	barrier	0
RpB	percent slopes	Regent	50	barrier	barrier	barrier	barrier	0
SaE	Sansarc-Dupree clays, 9 to 45 percent slopes	Sansarc	50	barrier	barrier	barrier	barrier	0
SaE	Sansarc-Dupree clays, 9 to 45 percent slopes	Dupree	30	barrier	barrier	barrier	barrier	0
SbC	Sansarc-Opal clays, 6 to 15 percent slopes	Sansarc	45	barrier	barrier	barrier	barrier	0
SbC	Sansarc-Opal clays, 6 to 15 percent slopes	Opal	40	barrier	barrier	barrier	barrier	0
SbE	Sansarc-Opal clays, 15 to 25 percent slopes	Sansarc	60	barrier	barrier	barrier	barrier	0
SbE	Sansarc-Opal clays, 15 to 25 percent slopes	Opal	30	barrier	barrier	barrier	barrier	0
ScF	slopes	Sansarc	50	barrier	barrier	barrier	barrier	0
SfF	slopes	Sansarc	25	barrier	barrier	barrier	barrier	0
Sh	Shale land	Sansarc	15	barrier	barrier	barrier	barrier	0
Sy	Bullcreek-Slickspots complex	Slickspots	30	barrier	barrier	barrier	barrier	0
VeB	Vebar fine sandy loam, 0 to 6 percent slopes	Vebar	85	barrier	barrier	barrier	barrier	0
VfB	Vebar-Flasher complex, 2 to 9 percent slopes	Vebar	55	barrier	barrier	barrier	barrier	0
VfB	Vebar-Flasher complex, 2 to 9 percent slopes	Flasher	40	barrier	barrier	barrier	barrier	0
WaF	slopes	Wayden	70	barrier	barrier	barrier	barrier	0
WaF	slopes	Moreau	20	barrier	barrier	barrier	barrier	0

South Dakota Lateral Effect Tables for Douglas County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Ar	Arlo loam	Arlo	85	276	359	419	464	0
				116	174	232	287	1
				73	110	147	184	2
				54	81	107	134	3
				42	63	85	106	4
				35	52	70	87	5
				30	45	59	74	6
Ax	Arlo loam, wet	Arlo	90	165	218	257	286	0
				90	136	177	212	1
				62	93	125	156	2
				47	71	95	119	3
				38	58	77	96	4
				32	48	64	80	5
				28	42	55	69	6
BaB	Beadle clay loam, 2 to 6 percent slopes	Beadle	85	44	62	76	87	0
				36	53	67	78	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
BeE	Betts-Ethan loams, 15 to 40 percent slopes	Betts	45	54	75	91	104	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
BeE	Betts-Ethan loams, 15 to 40 percent slopes	Ethan	35	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
Bn	Bon loam	Bon	85	89	120	143	161	0
				62	92	115	135	1
				47	71	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
Bo	Bon loam, channeled	Bon	85	85	116	139	156	0
				60	89	112	132	1
				46	69	91	110	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
CeC	Clarno-Ethan loams, 6 to 9 percent slopes	Clarno	50	53	74	89	102	0
				42	61	77	90	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
CeC	Clarno-Ethan loams, 6 to 9 percent slopes	Ethan	30	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
CnA	Clarno-Ethan-Prosper loams, 0 to 3 percent slopes	Clarno	45	53	74	89	102	0
				42	61	77	90	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
CnA	Clarno-Ethan-Prosper loams, 0 to 3 percent slopes	Ethan	20	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
CnA	Clarno-Ethan-Prosper loams, 0 to 3 percent slopes	Prosper	15	69	95	115	130	0
				51	75	96	113	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
CnB	Clarno-Ethan-Prosper loams, 1 to 6 percent slopes	Clarno	40	53	74	89	102	0
				42	61	77	90	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
CnB	Clarno-Ethan-Prosper loams, 1 to 6 percent slopes	Ethan	30	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
CnB	Clarno-Ethan-Prosper loams, 1 to 6 percent slopes	Prosper	15	72	99	119	135	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
CpA	Clarno-Prosper loams, 0 to 2 percent slopes	Clarno	65	53	74	89	102	0
				42	61	77	90	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
CpA	Clarno-Prosper loams, 0 to 2 percent slopes	Prosper	20	69	95	115	130	0
				51	75	96	113	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
CsA	Clarno-Stickney-Prosper loams, 0 to 3 percent slopes	Clarno	50	53	74	89	102	0
				42	61	77	90	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
CsA	Clarno-Stickney-Prosper loams, 0 to 3 percent slopes	Stickney	20	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
CsA	Clarno-Stickney-Prosper loams, 0 to 3 percent slopes	Prosper	15	69	95	115	130	0
				51	75	96	113	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
DaB	Davis silt loam, 2 to 6 percent slopes	Davis	85	100	134	160	180	0
				67	100	125	148	1
				50	75	100	120	2
				40	60	80	100	3
				33	50	67	83	4
				29	43	57	71	5
				25	38	50	63	6
DbA	DeGrey-Walke silt loams, 0 to 4 percent slopes	DeGrey	55	71	97	117	132	0
				52	77	98	114	1
				42	62	81	98	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				23	34	45	57	6
DbA	DeGrey-Walke silt loams, 0 to 4 percent slopes	Walke	25	84	115	137	155	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
DeA	Delmont loam, 0 to 2 percent slopes	Delmont	85	495	638	740	818	0
				142	214	285	356	1
				83	125	166	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
DlB	Delmont-Enet loams, 2 to 6 percent slopes	Delmont	55	495	638	740	818	0
				142	214	285	356	1
				83	125	166	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
DlB	Delmont-Enet loams, 2 to 6 percent slopes	Enet	30	506	652	757	835	0
				143	215	287	358	1
				83	125	167	209	2
				59	88	118	147	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
DmC	Delmont-Talmo loams, 2 to 9 percent slopes	Delmont	50	495	638	740	818	0
				142	214	285	356	1
				83	125	166	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
DmC	Delmont-Talmo loams, 2 to 9 percent slopes	Talmo	30	434	561	651	719	0
				137	205	274	342	1
				81	122	163	203	2
				58	87	116	144	3
				45	67	90	112	4
				37	55	73	92	5
				31	46	62	77	6
Do	Dimo loam	Dimo	85	259	337	394	437	0
				113	169	226	277	1
				72	108	144	180	2
				53	80	106	133	3
				42	63	84	105	4
				35	52	69	87	5
				30	44	59	74	6
EaA	Eakin-Ethan complex, 0 to 3 percent slopes	Eakin	60	79	107	128	145	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				57	84	105	123	1
				44	66	87	104	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
EaA	Eakin-Ethan complex, 0 to 3 percent slopes	Ethan	25	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
EaB	Eakin-Ethan complex, 3 to 6 percent slopes	Eakin	60	79	107	128	145	0
				57	84	105	123	1
				44	66	87	104	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
EaB	Eakin-Ethan complex, 3 to 6 percent slopes	Ethan	20	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
EaC	Eakin-Ethan complex, 6 to 9 percent slopes	Eakin	55	79	107	128	145	0
				57	84	105	123	1
				44	66	87	104	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
EaC	Eakin-Ethan complex, 6 to 9 percent slopes	Ethan	30	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
EdA	Enet-Delmont loams, 0 to 2 percent slopes	Enet	55	506	652	757	835	0
				143	215	287	358	1
				83	125	167	209	2
				59	88	118	147	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
EdA	Enet-Delmont loams, 0 to 2 percent slopes	Delmont	30	495	638	740	818	0
				142	214	285	356	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				83	125	166	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
EtD	Ethan-Clarno loams, 9 to 15 percent slopes	Ethan	50	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
EtD	Ethan-Clarno loams, 9 to 15 percent slopes	Clarno	35	53	74	89	102	0
				42	61	77	90	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
Fa	Farmsworth silt loam	Farmsworth	80	80	109	131	147	0
				57	84	107	125	1
				44	67	87	106	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
HbA	Henkin-Blendon fine sandy loams, 0 to 2 percent slopes	Henkin	55	233	305	356	396	0
				108	161	215	261	1
				70	105	140	175	2
				52	78	104	130	3
				41	62	82	103	4
				34	51	68	85	5
				29	44	58	73	6
HbA	Henkin-Blendon fine sandy loams, 0 to 2 percent slopes	Blendon	25	196	258	303	336	0
				99	148	198	236	1
				66	99	132	166	2
				50	75	99	124	3
				40	60	80	100	4
				33	50	66	83	5
				28	43	57	71	6
HbB	Henkin-Blendon fine sandy loams, 2 to 6 percent slopes	Henkin	55	233	305	356	396	0
				108	161	215	261	1
				70	105	140	175	2
				52	78	104	130	3
				41	62	82	103	4
				34	51	68	85	5
				29	44	58	73	6
HbB	Henkin-Blendon fine sandy loams, 2 to 6 percent slopes	Blendon	20	196	258	303	336	0
				99	148	198	236	1
				66	99	132	166	2
				50	75	99	124	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				40	60	80	100	4
				33	50	66	83	5
				28	43	57	71	6
HeA	Highmore-Eakin silt loams, 0 to 2 percent slopes	Highmore	50	69	94	113	129	0
				51	75	95	111	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
HeA	Highmore-Eakin silt loams, 0 to 2 percent slopes	Eakin	25	79	107	128	145	0
				57	84	105	123	1
				44	66	87	104	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
HeB	Highmore-Eakin silt loams, 2 to 6 percent slopes	Highmore	45	69	94	113	129	0
				51	75	95	111	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
HeB	Highmore-Eakin silt loams, 2 to 6 percent slopes	Eakin	35	79	107	128	145	0
				57	84	105	123	1
				44	66	87	104	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
HgA	Highmore-Walke silt loams, 0 to 3 percent slopes	Highmore	45	69	94	113	129	0
				51	75	95	111	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
HgA	Highmore-Walke silt loams, 0 to 3 percent slopes	Walke	35	84	115	137	155	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
HhB	Homme silty clay loam, 2 to 6 percent slopes	Homme	85	69	94	113	128	0
				51	75	95	111	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				25	38	51	63	5
				22	34	45	56	6
HmB	Homme-Ethan complex, 1 to 6 percent slopes	Homme	60	69	94	113	128	0
				51	75	95	111	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
HmB	Homme-Ethan complex, 1 to 6 percent slopes	Ethan	25	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
HnA	Homme-Onita silty clay loams, 0 to 2 percent slopes	Homme	60	69	94	113	128	0
				51	75	95	111	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
HnA	Homme-Onita silty clay loams, 0 to 2 percent slopes	Onita	25	86	116	139	157	0
				60	89	112	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
Hv	Hoven silt loam	Hoven	85	76	103	124	140	0
				55	81	102	120	1
				43	65	84	102	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
La	Lane silty clay loam	Lane	80	67	92	111	126	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
Ma	Macken silty clay	Macken	85	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
Na	Napa silt loam	Napa	80	74	102	122	138	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				54	80	102	118	1
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	34	46	57	6
Oa	Onita silt loam	Onita	85	95	128	152	171	0
				64	96	121	142	1
				49	73	97	117	2
				39	59	78	97	3
				33	49	66	82	4
				28	42	56	70	5
				25	37	49	62	6
On	Onita-Tetonka silt loams	Onita	50	95	128	152	171	0
				64	96	121	142	1
				49	73	97	117	2
				39	59	78	97	3
				33	49	66	82	4
				28	42	56	70	5
				25	37	49	62	6
On	Onita-Tetonka silt loams	Tetonka	30	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
Pt	Prosper-Tetonka complex	Prosper	55	69	95	115	130	0
				51	75	96	113	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
Pt	Prosper-Tetonka complex	Tetonka	25	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
TaC	Talmo gravelly sandy loam, 2 to 9 percent slopes	Talmo	100	344	445	518	574	0
				126	190	253	316	1
				77	116	155	194	2
				56	84	112	140	3
				44	65	87	109	4
				36	54	72	90	5
				30	46	61	76	6
Te	Tetonka silt loam	Tetonka	85	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				24	36	48	59	6
Wo	Worthing silty clay loam	Worthing	85	54	76	92	105	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
Wp	Worthing silty clay loam, ponded	Worthing	100	61	85	103	117	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6

South Dakota Lateral Effect Tables for Edmunds County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Ba	Bearden loam	Bearden	85	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
Bc	Bowbells-Cresbard loams	Bowbells	50	66	91	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
Bc	Bowbells-Cresbard loams	Cresbard	30	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
BoA	Bowdle loam, 0 to 2 percent slopes	Bowdle	85	461	594	690	762	0
				139	209	279	349	1
				82	123	164	205	2
				58	87	116	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
BoB	Bowdle loam, 2 to 6 percent slopes	Bowdle	90	461	594	690	762	0
				139	209	279	349	1
				82	123	164	205	2
				58	87	116	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
BrA	Bryant loam, 0 to 2 percent slopes	Bryant	79	99	133	159	178	0
				66	99	125	147	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
BrB	Bryant loam, 2 to 6 percent slopes	Bryant	82	99	133	159	178	0
				66	99	125	147	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
BrC	Bryant loam, 6 to 9 percent slopes	Bryant	85	99	133	159	178	0
				66	99	125	147	1
				50	75	99	120	2
				40	60	80	100	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
BvA	Bryant loam, sand substratum, 1 to 3 percent slopes	Bryant	80	99	133	159	178	0
				66	99	125	147	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
BxB	Bryant-Grassna loams, 2 to 6 percent slopes	Bryant	55	99	133	159	178	0
				66	99	125	147	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
BxB	Bryant-Grassna loams, 2 to 6 percent slopes	Grassna	25	90	122	145	163	0
				62	92	117	137	1
				47	71	94	113	2
				38	57	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	36	49	61	6
Dv	Divide loam	Divide	90	453	585	679	750	0
				139	208	277	347	1
				82	123	164	205	2
				58	87	116	145	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
EdE	Edgeley loam, 6 to 20 percent slopes	Edgeley	80	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
Gr	Grassna loam	Grassna	90	90	122	145	163	0
				62	92	117	137	1
				47	71	94	113	2
				38	57	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	36	49	61	6
He	Heil silt loam	Heil	85	52	72	88	100	0
				41	60	76	89	1
				34	51	66	79	2
				29	44	58	70	3
				25	38	51	62	4
				23	34	45	56	5
				20	30	41	51	6
LeA	Lehr loam, 0 to 3 percent slopes	Lehr	80	467	602	699	772	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				140	210	280	350	1
				82	124	165	206	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
LeB	Lehr loam, 3 to 6 percent slopes	Lehr	80	467	602	699	772	0
				140	210	280	350	1
				82	124	165	206	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
LhB	Lehr-Bowdle loams, 0 to 6 percent slopes	Lehr	50	467	602	699	772	0
				140	210	280	350	1
				82	124	165	206	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
LhB	Lehr-Bowdle loams, 0 to 6 percent slopes	Bowdle	30	461	594	690	762	0
				139	209	279	349	1
				82	123	164	205	2
				58	87	116	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
Lt	Letcher fine sandy loam	Letcher	90	115	154	182	205	0
				73	110	139	164	1
				53	80	107	130	2
				42	63	84	106	3
				35	52	70	87	4
				30	45	59	74	5
				26	39	52	65	6
Lv	La Prairie, Channeled, and Ranslo soils	La Prairie	50	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
Lv	La Prairie, Channeled, and Ranslo soils	Ranslo	44	111	149	177	199	0
				71	107	136	160	1
				53	79	105	128	2
				42	62	83	104	3
				34	52	69	86	4
				29	44	59	74	5
				26	38	51	64	6
Mb	Parnell, ponded	Parnell	95	77	105	126	143	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				23	35	47	58	6
MdA	Mondamin silty clay loam, 0 to 2 percent slopes	Mondamin	82	81	110	132	148	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
MdB	Mondamin silty clay loam, 2 to 6 percent slopes	Mondamin	80	81	110	132	148	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
Mh	Mondamin-Heil silty clay loams	Mondamin	55	81	110	132	148	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
Mh	Mondamin-Heil silty clay loams	Heil	25	50	69	85	97	0
				40	58	73	87	1
				33	50	64	77	2
				29	43	56	68	3
				25	38	50	61	4
				22	33	44	55	5
				20	30	40	50	6
NmA	Niobell-Miranda loams, 0 to 3 percent slopes	Niobell	42	71	98	118	133	0
				52	77	98	115	1
				42	62	81	99	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
NmA	Niobell-Miranda loams, 0 to 3 percent slopes	Miranda	30	44	62	76	87	0
				36	53	67	78	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
NpB	Niobell-Noonan loams, 1 to 5 percent slopes	Niobell	35	71	98	118	133	0
				52	77	98	115	1
				42	62	81	99	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
NpB	Niobell-Noonan loams, 1 to 5 percent slopes	Noonan	30	69	94	114	129	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				51	75	95	112	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
Pa	Parnell silty clay loam	Parnell	85	80	109	130	147	0
				57	84	107	125	1
				44	67	87	106	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
Rh	Ranslo-Harriet silt loams	Ranslo	45	111	149	177	199	0
				71	107	136	160	1
				53	79	105	128	2
				42	62	83	104	3
				34	52	69	86	4
				29	44	59	74	5
				26	38	51	64	6
Rh	Ranslo-Harriet silt loams	Harriet	40	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
Rn	Regan silt loam	Regan	82	494	637	739	816	0
				142	214	285	356	1
				83	125	166	208	2
				59	88	117	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
Sp	Spottswood loam	Spottswood	85	423	546	634	701	0
				136	204	272	339	1
				81	121	162	202	2
				58	86	115	144	3
				45	67	89	112	4
				37	55	73	91	5
				31	46	62	77	6
TaB	Tally fine sandy loam, 2 to 6 percent slopes	Tally	85	162	213	251	280	0
				90	134	175	209	1
				62	93	124	155	2
				47	71	94	118	3
				38	57	76	96	4
				32	48	64	80	5
				28	41	55	69	6
TbB	Temvik-Bryant loams, 2 to 6 percent slopes	Temvik	50	73	100	120	136	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				23	34	46	57	6
TbB	Temvik-Bryant loams, 2 to 6 percent slopes	Bryant	35	99	133	159	178	0
				66	99	125	147	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
TgB	Temvik-Grassna loams, 3 to 6 percent slopes	Temvik	50	73	100	120	136	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
TgB	Temvik-Grassna loams, 3 to 6 percent slopes	Grassna	30	90	122	145	163	0
				62	92	117	137	1
				47	71	94	113	2
				38	57	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	36	49	61	6
TgC	Temvik-Grassna loams, 6 to 9 percent slopes	Temvik	50	73	100	120	136	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
TgC	Temvik-Grassna loams, 6 to 9 percent slopes	Grassna	25	90	122	145	163	0
				62	92	117	137	1
				47	71	94	113	2
				38	57	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	36	49	61	6
Tn	Tonka-Nishon silt loams	Tonka	50	65	89	108	122	0
				49	72	91	107	1
				39	59	76	92	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
Tn	Tonka-Nishon silt loams	Nishon	40	84	114	137	154	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
VdC	Vida extremely stony loam, 3 to 15 percent slopes	Vida	90	67	92	111	125	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
VwC	Vida-Williams loams, 6 to 15 percent slopes	Vida	45	67	92	111	125	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
VwC	Vida-Williams loams, 6 to 15 percent slopes	Williams	35	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
VzE	Vida-Zahill loams, 15 to 25 percent slopes	Vida	45	67	92	111	125	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
VzE	Vida-Zahill loams, 15 to 25 percent slopes	Zahill	30	46	64	79	90	0
				37	54	69	81	1
				32	47	60	72	2
				27	41	53	65	3
				24	36	48	58	4
				21	32	43	53	5
				19	29	39	48	6
WaD	Wabek loam, 6 to 20 percent slopes	Wabek	90	443	572	664	733	0
				138	207	276	344	1
				82	122	163	204	2
				58	87	116	145	3
				45	67	90	112	4
				37	55	73	92	5
				31	47	62	78	6
WbC	Wabek-Bowdle loams, 6 to 15 percent slopes	Bowdle	35	461	594	690	762	0
				139	209	279	349	1
				82	123	164	205	2
				58	87	116	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
WbC	Wabek-Bowdle loams, 6 to 15 percent slopes	Wabek	35	443	572	664	733	0
				138	207	276	344	1
				82	122	163	204	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				58	87	116	145	3
				45	67	90	112	4
				37	55	73	92	5
				31	47	62	78	6
WnB	Williams-Bowbells loams, 3 to 6 percent slopes	Williams	65	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
WnB	Williams-Bowbells loams, 3 to 6 percent slopes	Bowbells	20	66	91	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
WnC	Williams-Bowbells loams, 6 to 9 percent slopes	Williams	60	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
WnC	Williams-Bowbells loams, 6 to 9 percent slopes	Bowbells	20	66	91	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
WtA	Williams-Bowbells-Nishon complex, 0 to 2 percent slopes	Williams	50	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
WtA	Williams-Bowbells-Nishon complex, 0 to 2 percent slopes	Bowbells	25	66	91	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
WtA	Williams-Bowbells-Nishon complex, 0 to 2 percent slopes	Nishon	15	84	114	137	154	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
WtB	Williams-Bowbells-Nishon complex, 2 to 6 percent slopes	Williams	50	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
WtB	Williams-Bowbells-Nishon complex, 2 to 6 percent slopes	Bowbells	20	66	91	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
WtB	Williams-Bowbells-Nishon complex, 2 to 6 percent slopes	Nishon	10	84	114	137	154	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
WvC	Williams-Bowbells-Parnell complex, 6 to 9 percent slopes	Williams	45	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
WvC	Williams-Bowbells-Parnell complex, 6 to 9 percent slopes	Bowbells	20	66	91	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
WvC	Williams-Bowbells-Parnell complex, 6 to 9 percent slopes	Parnell	10	80	108	130	147	0
				57	84	106	125	1
				44	67	87	105	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6

South Dakota Lateral Effect Tables for Faulk County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Bb	Bowbells loam	Bowbells	80	71	98	117	133	0
				52	77	98	114	1
				42	62	81	99	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
BoA	Bowdle loam, 0 to 3 percent slopes	Bowdle	90	465	600	696	769	0
				140	210	280	350	1
				82	123	165	206	2
				58	87	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
BrA	Bryant-Grassna silt loams, 0 to 2 percent slopes	Bryant	65	114	153	181	203	0
				73	109	138	163	1
				53	80	107	130	2
				42	63	84	105	3
				35	52	70	87	4
				30	44	59	74	5
				26	39	52	64	6
BrA	Bryant-Grassna silt loams, 0 to 2 percent slopes	Grassna	20	96	130	155	174	0
				65	97	122	144	1
				49	73	98	118	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
BrB	Bryant-Grassna silt loams, 2 to 6 percent slopes	Bryant	60	114	153	181	203	0
				73	109	138	163	1
				53	80	107	130	2
				42	63	84	105	3
				35	52	70	87	4
				30	44	59	74	5
				26	39	52	64	6
BrB	Bryant-Grassna silt loams, 2 to 6 percent slopes	Grassna	25	96	130	155	174	0
				65	97	122	144	1
				49	73	98	118	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Ha	Harriet silt loam	Harriet	85	67	92	111	125	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
He	Heil silt loam	Heil	90	52	72	88	100	0
				41	60	76	89	1
				34	51	66	79	2
				29	44	58	70	3
				25	38	51	62	4
				23	34	45	56	5
				20	30	41	51	6
La	La Prairie loam	La Prairie	85	89	120	143	162	0
				62	92	115	135	1
				47	71	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
Lb	La Prairie loam, channeled	La Prairie	80	89	120	143	162	0
				62	92	115	135	1
				47	71	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
LeA	Lehr loam, 0 to 3 percent slopes	Lehr	90	198	260	304	339	0
				99	149	199	237	1
				66	100	133	166	2
				50	75	100	125	3
				40	60	80	100	4
				33	50	67	83	5
				29	43	57	71	6
LeB	Lehr loam, 3 to 6 percent slopes	Lehr	90	198	260	304	339	0
				99	149	199	237	1
				66	100	133	166	2
				50	75	100	125	3
				40	60	80	100	4
				33	50	67	83	5
				29	43	57	71	6
MaA	Ruso sandy loam, 0 to 3 percent slopes	Ruso	90	356	461	537	594	0
				128	192	256	320	1
				78	117	156	195	2
				56	84	112	140	3
				44	66	88	110	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				36	54	72	90	5
				30	46	61	76	6
MbA	Manning variant loam, 0 to 3 percent slopes	Manning	90	101	136	162	182	0
				67	101	127	149	1
				50	75	100	121	2
				40	60	80	100	3
				33	50	67	84	4
				29	43	57	72	5
				25	38	50	63	6
MdA	Max-Arnegard loams, 0 to 3 percent slopes	Max	65	72	99	119	135	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
MdA	Max-Arnegard loams, 0 to 3 percent slopes	Arnegard	20	86	116	139	157	0
				60	89	112	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
MmB	Max-Arnegard-Zahl loams, 1 to 6 percent slopes	Max	45	72	99	119	135	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
MmB	Max-Arnegard-Zahl loams, 1 to 6 percent slopes	Arnegard	25	86	116	139	157	0
				60	89	112	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
MmB	Max-Arnegard-Zahl loams, 1 to 6 percent slopes	Zahl	15	60	83	100	114	0
				46	67	85	100	1
				38	56	73	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				21	32	43	54	6
MnB	Max-Niobell-Noonan loams, 2 to 6 percent slopes	Max	45	72	99	119	135	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
MnB	Max-Niobell-Noonan loams, 2 to 6 percent slopes	Niobell	20	79	108	130	146	0
				57	84	106	125	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
MnB	Max-Niobell-Noonan loams, 2 to 6 percent slopes	Noonan	15	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
MoA	Mondamin silty clay loam, 0 to 2 percent slopes	Mondamin	85	77	105	125	142	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
MoB	Mondamin silty clay loam, 2 to 6 percent slopes	Mondamin	85	77	105	125	142	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
NaA	Niobell-Noonan loams, 0 to 3 percent slopes	Niobell	40	79	108	130	146	0
				57	84	106	125	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
NaA	Niobell-Noonan loams, 0 to 3 percent slopes	Noonan	30	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
NbA	Niobell-Noonan-Max loams, 0 to 3 percent slopes	Niobell	30	79	108	130	146	0
				57	84	106	125	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
NbA	Niobell-Noonan-Max loams, 0 to 3 percent slopes	Max	25	72	99	119	135	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
NbA	Niobell-Noonan-Max loams, 0 to 3 percent slopes	Noonan	25	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
Nn	Nishon silt loam	Nishon	90	69	95	115	130	0
				51	75	96	113	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
NoA	Noonan-Miranda loams, 0 to 5 percent slopes	Noonan	50	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
NoA	Noonan-Miranda loams, 0 to 5 percent slopes	Miranda	30	47	66	81	93	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				38	55	70	83	1
				32	48	62	74	2
				28	41	54	66	3
				24	36	48	59	4
				22	32	43	53	5
				20	29	39	49	6
Pa	Parnell silty clay loam	Parnell	90	83	113	136	153	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
Pp	Parnell silty clay loam, ponded	Parnell	90	83	113	136	153	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
RaA	Raber-Cavo complex, 0 to 2 percent slopes	Raber	54	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
RaA	Raber-Cavo complex, 0 to 2 percent slopes	Cavo	30	59	82	99	112	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
RaB	Raber-Cavo complex, 2 to 6 percent slopes	Raber	54	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
RaB	Raber-Cavo complex, 2 to 6 percent slopes	Cavo	30	59	82	99	112	0
				46	67	85	99	1
				37	56	72	87	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
Rh	Ranslo-Harriet silt loams	Ranslo	50	112	151	179	200	0
				72	108	137	162	1
				53	79	106	129	2
				42	63	84	104	3
				35	52	69	86	4
				29	44	59	74	5
				26	39	51	64	6
Rh	Ranslo-Harriet silt loams	Harriet	40	67	92	111	125	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
TaA	Tally fine sandy loam, 0 to 2 percent slopes	Tally	80	153	202	238	266	0
				87	130	168	201	1
				60	91	121	151	2
				46	70	93	116	3
				38	57	75	94	4
				32	48	63	79	5
				27	41	55	68	6
TaB	Tally fine sandy loam, 2 to 6 percent slopes	Tally	80	153	202	238	266	0
				87	130	168	201	1
				60	91	121	151	2
				46	70	93	116	3
				38	57	75	94	4
				32	48	63	79	5
				27	41	55	68	6
Tn	Tonka-Nishon silt loams	Tonka	55	75	103	124	140	0
				55	80	102	120	1
				43	64	84	102	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
Tn	Tonka-Nishon silt loams	Nishon	40	69	95	115	130	0
				51	75	96	113	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
VaC	Vida-Williams very stony loams, 2 to 9 percent slopes	Vida	50	69	94	114	129	0
				51	75	95	112	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
VaC	Vida-Williams very stony loams, 2 to 9 percent slopes	Williams	30	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
VdC	Vida-Williams-Bowbells loams, 2 to 9 percent slopes	Vida	35	69	94	114	129	0
				51	75	95	112	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
VdC	Vida-Williams-Bowbells loams, 2 to 9 percent slopes	Williams	25	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
VdC	Vida-Williams-Bowbells loams, 2 to 9 percent slopes	Bowbells	20	71	98	117	133	0
				52	77	98	114	1
				42	62	81	99	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
WaD	Wabek loam, 9 to 25 percent slopes	Wabek	90	502	647	750	828	0
				143	215	286	358	1
				83	125	167	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
WbC	Wabek-Bowdle loams, 3 to 9 percent slopes	Wabek	50	502	647	750	828	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				143	215	286	358	1
				83	125	167	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
WbC	Wabek-Bowdle loams, 3 to 9 percent slopes	Bowdle	35	216	283	331	368	0
				104	156	208	250	1
				68	103	137	171	2
				51	76	102	127	3
				41	61	81	102	4
				34	51	68	84	5
				29	43	58	72	6
WnA	Williams-Bowbells loams, 0 to 3 percent slopes	Williams	60	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
WnA	Williams-Bowbells loams, 0 to 3 percent slopes	Bowbells	25	71	98	117	133	0
				52	77	98	114	1
				42	62	81	99	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
WnB	Williams-Bowbells loams, 1 to 6 percent slopes	Williams	60	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
WnB	Williams-Bowbells loams, 1 to 6 percent slopes	Bowbells	20	71	98	117	133	0
				52	77	98	114	1
				42	62	81	99	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
WoA	Williams-Bowbells-Nishon complex, 0 to 3 percent slopes	Williams	50	57	79	96	109	0
				44	65	82	96	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
WoA	Williams-Bowbells-Nishon complex, 0 to 3 percent slopes	Bowbells	20	71	98	117	133	0
				52	77	98	114	1
				42	62	81	99	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
WoA	Williams-Bowbells-Nishon complex, 0 to 3 percent slopes	Nishon	15	69	95	115	130	0
				51	75	96	113	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
WoB	Williams-Bowbells-Nishon complex, 1 to 6 percent slopes	Williams	40	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
WoB	Williams-Bowbells-Nishon complex, 1 to 6 percent slopes	Bowbells	20	71	98	117	133	0
				52	77	98	114	1
				42	62	81	99	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
WoB	Williams-Bowbells-Nishon complex, 1 to 6 percent slopes	Nishon	20	69	95	115	130	0
				51	75	96	113	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
WpA	Williams-Bowbells-Noonan loams, 0 to 3 percent slopes	Williams	55	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
WpA	Williams-Bowbells-Noonan loams, 0 to 3 percent slopes	Bowbells	15	71	98	117	133	0
				52	77	98	114	1
				42	62	81	99	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
WpA	Williams-Bowbells-Noonan loams, 0 to 3 percent slopes	Noonan	15	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
WpB	Williams-Bowbells-Noonan loams, 1 to 6 percent slopes	Williams	50	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
WpB	Williams-Bowbells-Noonan loams, 1 to 6 percent slopes	Bowbells	20	71	98	117	133	0
				52	77	98	114	1
				42	62	81	99	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
WpB	Williams-Bowbells-Noonan loams, 1 to 6 percent slopes	Noonan	15	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
WtC	Williams-Bowbells-Parnell complex, 1 to 9 percent slopes	Williams	35	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
WtC	Williams-Bowbells-Parnell complex, 1 to 9 percent slopes	Bowbells	25	71	98	117	133	0
				52	77	98	114	1
				42	62	81	99	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
WtC	Williams-Bowbells-Parnell complex, 1 to 9 percent slopes	Parnell	20	83	113	136	153	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
WvB	Williams-Bowbells-Vida loams, 1 to 6 percent slopes	Williams	50	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
WvB	Williams-Bowbells-Vida loams, 1 to 6 percent slopes	Bowbells	20	71	98	117	133	0
				52	77	98	114	1
				42	62	81	99	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
WvB	Williams-Bowbells-Vida loams, 1 to 6 percent slopes	Vida	15	69	94	114	129	0
				51	75	95	112	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
WwB	Williams-Niobell-Noonan loams, 3 to 6 percent slopes	Williams	45	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				24	35	47	59	5
				21	32	42	53	6
WwB	Williams-Niobell-Noonan loams, 3 to 6 percent slopes	Niobell	20	79	108	130	146	0
				57	84	106	125	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
WwB	Williams-Niobell-Noonan loams, 3 to 6 percent slopes	Noonan	15	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
WxC	Williams-Vida-Bowbells stony loams, 2 to 9 percent slopes	Williams	40	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
WxC	Williams-Vida-Bowbells stony loams, 2 to 9 percent slopes	Bowbells	20	71	98	117	133	0
				52	77	98	114	1
				42	62	81	99	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
WxC	Williams-Vida-Bowbells stony loams, 2 to 9 percent slopes	Vida	20	69	94	114	129	0
				51	75	95	112	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
WzD	Williams-Zahill-Bowbells loams, 2 to 15 percent slopes	Williams	40	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				21	32	42	53	6
WzD	Williams-Zahill-Bowbells loams, 2 to 15 percent slopes	Zahill	25	64	88	107	121	0
				48	71	90	106	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
WzD	Williams-Zahill-Bowbells loams, 2 to 15 percent slopes	Bowbells	20	71	98	117	133	0
				52	77	98	114	1
				42	62	81	99	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
ZaE	Zahill loam, 15 to 40 percent slopes	Zahill	80	64	88	107	121	0
				48	71	90	106	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
ZcE	Zahill very stony loam, 6 to 25 percent slopes	Zahill	80	64	88	107	121	0
				48	71	90	106	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
ZlD	Zahill-La Prairie complex, 2 to 25 percent slopes	Zahill	45	64	88	107	121	0
				48	71	90	106	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
ZlD	Zahill-La Prairie complex, 2 to 25 percent slopes	La Prairie	30	89	120	143	162	0
				62	92	115	135	1
				47	71	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
ZmC	Zahl-Max loams, 6 to 9 percent slopes	Zahl	45	60	83	100	114	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				46	67	85	100	1
				38	56	73	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
ZmC	Zahl-Max loams, 6 to 9 percent slopes	Max	40	72	99	119	135	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
ZmD	Zahl-Max loams, 9 to 20 percent slopes	Zahl	45	60	83	100	114	0
				46	67	85	100	1
				38	56	73	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
ZmD	Zahl-Max loams, 9 to 20 percent slopes	Max	35	72	99	119	135	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6

South Dakota Lateral Effect Tables for Grant County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Aa	Aastad-Flom complex	Aastad	60	42	60	73	84	0
				35	51	65	76	1
				30	44	57	68	2
				26	39	51	62	3
				23	34	45	56	4
				20	31	41	51	5
				19	28	37	46	6
Aa	Aastad-Flom complex	Flom	30	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
AbA	Arvilla sandy loam, 0 to 2 percent slopes	Arvilla	90	260	339	396	440	0
				113	170	226	278	1
				72	108	144	181	2
				53	80	106	133	3
				42	63	84	105	4
				35	52	69	87	5
				30	44	59	74	6
AbB	Arvilla sandy loam, 2 to 6 percent slopes	Arvilla	90	260	339	396	440	0
				113	170	226	278	1
				72	108	144	181	2
				53	80	106	133	3
				42	63	84	105	4
				35	52	69	87	5
				30	44	59	74	6
AbC	Arvilla sandy loam, 6 to 9 percent slopes	Arvilla	90	260	339	396	440	0
				113	170	226	278	1
				72	108	144	181	2
				53	80	106	133	3
				42	63	84	105	4
				35	52	69	87	5
				30	44	59	74	6
BaE	Barnes-Buse extremely stony loams, 9 to 40 percent slopes	Barnes	50	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
BaE	Barnes-Buse extremely stony loams, 9 to 40 percent slopes	Buse	30	36	51	63	73	0
				31	44	56	66	1
				26	39	51	60	2
				23	35	46	55	3
				21	31	41	51	4
				19	28	38	46	5
				17	26	35	43	6
BbB	Barnes-Svea loams, 1 to 6 percent slopes	Barnes	65	58	80	97	110	0
				45	66	83	97	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
BbB	Barnes-Svea loams, 1 to 6 percent slopes	Svea	25	86	116	139	157	0
				60	89	112	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
BbC	Barnes-Svea loams, 3 to 9 percent slopes	Barnes	55	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
BbC	Barnes-Svea loams, 3 to 9 percent slopes	Svea	25	86	116	139	157	0
				60	89	112	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
BbD	Barnes-Svea loams, 4 to 15 percent slopes	Barnes	45	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
BbD	Barnes-Svea loams, 4 to 15 percent slopes	Svea	30	86	116	139	157	0
				60	89	112	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
Bc	Cubden silty clay loam	Cubden	90	59	82	99	112	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
Bd	Brookings silt loam	Brookings	90	70	97	116	132	0
				52	76	97	113	1
				41	62	81	98	2
				34	51	68	83	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
BeF	Buse-Forman loams, 25 to 40 percent slopes	Buse	60	36	52	64	74	0
				31	45	57	67	1
				26	39	52	61	2
				23	35	46	56	3
				21	31	41	51	4
				19	28	38	47	5
				17	26	35	43	6
BeF	Buse-Forman loams, 25 to 40 percent slopes	Forman	25	63	87	105	120	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
BfD	Buse-Forman-Aastad loams, 4 to 15 percent slopes	Buse	45	36	52	64	74	0
				31	45	57	67	1
				26	39	52	61	2
				23	35	46	56	3
				21	31	41	51	4
				19	28	38	47	5
				17	26	35	43	6
BfD	Buse-Forman-Aastad loams, 4 to 15 percent slopes	Aastad	25	42	60	73	84	0
				35	51	65	76	1
				30	44	57	68	2
				26	39	51	62	3
				23	34	45	56	4
				20	31	41	51	5
				19	28	37	46	6
BfD	Buse-Forman-Aastad loams, 4 to 15 percent slopes	Forman	25	63	87	105	120	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
Da	Divide loam	Divide	85	495	638	741	818	0
				142	214	285	356	1
				83	125	166	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
Db	Castlewood silty clay	Castlewood	85	72	99	118	134	0
				53	78	99	115	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				23	34	46	57	6
EaA	Egeland fine sandy loam, 0 to 2 percent slopes	Egeland	90	151	200	236	263	0
				86	129	167	200	1
				60	90	120	150	2
				46	69	92	116	3
				38	56	75	94	4
				32	47	63	79	5
				27	41	55	68	6
EaB	Egeland fine sandy loam, 2 to 6 percent slopes	Egeland	85	151	200	236	263	0
				86	129	167	200	1
				60	90	120	150	2
				46	69	92	116	3
				38	56	75	94	4
				32	47	63	79	5
				27	41	55	68	6
Ec	Estelline silty clay loam	Estelline	90	591	759	880	971	0
				149	224	299	374	1
				86	128	171	214	2
				60	90	120	150	3
				46	69	92	115	4
				37	56	75	94	5
				32	47	63	79	6
Fa	Flom clay loam	Flom	90	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
FbA	Fordville loam, 0 to 2 percent slopes	Fordville	90	167	221	259	289	0
				91	137	179	214	1
				63	94	125	156	2
				48	71	95	119	3
				38	58	77	96	4
				32	48	65	81	5
				28	42	56	69	6
FcB	Fordville-Renshaw loams, 2 to 6 percent slopes	Fordville	60	167	221	259	289	0
				91	137	179	214	1
				63	94	125	156	2
				48	71	95	119	3
				38	58	77	96	4
				32	48	65	81	5
				28	42	56	69	6
FcB	Fordville-Renshaw loams, 2 to 6 percent slopes	Renshaw	30	230	301	352	391	0
				107	160	214	259	1
				70	105	139	174	2
				52	78	103	129	3
				41	62	82	103	4
				34	51	68	85	5
				29	44	58	73	6
FdA	Forman-Aastad loams, 0 to 2 percent slopes	Forman	70	63	87	105	120	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
FdA	Forman-Aastad loams, 0 to 2 percent slopes	Aastad	20	42	60	73	84	0
				35	51	65	76	1
				30	44	57	68	2
				26	39	51	62	3
				23	34	45	56	4
				20	31	41	51	5
				19	28	37	46	6
FdB	Forman-Aastad loams, 1 to 6 percent slopes	Forman	60	63	87	105	120	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
FdB	Forman-Aastad loams, 1 to 6 percent slopes	Aastad	25	42	60	73	84	0
				35	51	65	76	1
				30	44	57	68	2
				26	39	51	62	3
				23	34	45	56	4
				20	31	41	51	5
				19	28	37	46	6
FdC	Forman-Aastad loams, 3 to 9 percent slopes	Forman	55	63	87	105	120	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
FdC	Forman-Aastad loams, 3 to 9 percent slopes	Aastad	25	42	60	73	84	0
				35	51	65	76	1
				30	44	57	68	2
				26	39	51	62	3
				23	34	45	56	4
				20	31	41	51	5
				19	28	37	46	6
FdD	Forman-Aastad loams, 4 to 15 percent slopes	Forman	50	63	87	105	120	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
FdD	Forman-Aastad loams, 4 to 15 percent slopes	Aastad	30	42	60	73	84	0
				35	51	65	76	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				30	44	57	68	2
				26	39	51	62	3
				23	34	45	56	4
				20	31	41	51	5
				19	28	37	46	6
FeC	Forman-Aastad extremely stony complex, 0 to 9 percent slopes	Forman	65	63	87	105	120	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
FeC	Forman-Aastad extremely stony complex, 0 to 9 percent slopes	Aastad	25	42	60	73	84	0
				35	51	65	76	1
				30	44	57	68	2
				26	39	51	62	3
				23	34	45	56	4
				20	31	41	51	5
				19	28	37	46	6
FgC	Forman-Buse loams, 6 to 9 percent slopes	Forman	50	63	87	105	120	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
FgC	Forman-Buse loams, 6 to 9 percent slopes	Buse	25	36	52	64	74	0
				31	45	57	67	1
				26	39	52	61	2
				23	35	46	56	3
				21	31	41	51	4
				19	28	38	47	5
				17	26	35	43	6
FgE	Forman-Buse loams, 15 to 25 percent slopes	Forman	45	63	87	105	120	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
FgE	Forman-Buse loams, 15 to 25 percent slopes	Buse	30	36	52	64	74	0
				31	45	57	67	1
				26	39	52	61	2
				23	35	46	56	3
				21	31	41	51	4
				19	28	38	47	5
				17	26	35	43	6
FhE	Forman-Buse extremely stony loams, 9 to 40 percent slopes	Forman	40	63	87	105	120	0
				48	70	89	104	1
				39	58	75	90	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
FhE	Forman-Buse extremely stony loams, 9 to 40 percent slopes	Buse	35	36	51	63	73	0
				31	44	56	66	1
				26	39	51	60	2
				23	35	46	55	3
				21	31	41	51	4
				19	28	38	46	5
				17	26	35	43	6
HaD	Hattie clay loam, 9 to 15 percent slopes	Hattie	85	63	87	105	119	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
HaE	Hattie clay loam, 15 to 40 percent slopes	Hattie	85	63	87	105	119	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
HbB	Heimdal-Sisseton loams, 2 to 6 percent slopes	Heimdal	52	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
HbB	Heimdal-Sisseton loams, 2 to 6 percent slopes	Sisseton	28	113	151	180	201	0
				72	108	137	162	1
				53	80	106	129	2
				42	63	84	105	3
				35	52	69	87	4
				30	44	59	74	5
				26	39	51	64	6
HbC	Heimdal-Sisseton loams, 6 to 9 percent slopes	Heimdal	45	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
HbC	Heimdal-Sisseton loams, 6 to 9 percent slopes	Sisseton	40	113	151	180	201	0
				72	108	137	162	1
				53	80	106	129	2
				42	63	84	105	3
				35	52	69	87	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				30	44	59	74	5
				26	39	51	64	6
HcA	Heimdal-Svea loams, 0 to 2 percent slopes	Heimdal	70	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
HcA	Heimdal-Svea loams, 0 to 2 percent slopes	Svea	20	86	116	139	157	0
				60	89	112	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
HcB	Heimdal-Svea loams, 2 to 6 percent slopes	Heimdal	60	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
HcB	Heimdal-Svea loams, 2 to 6 percent slopes	Svea	25	86	116	139	157	0
				60	89	112	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
La	LaDelle silt loam	LaDelle	90	96	130	155	174	0
				65	97	122	144	1
				49	73	98	118	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
Lb	LaDelle silt loam, channeled	LaDelle	85	96	130	155	174	0
				65	97	122	144	1
				49	73	98	118	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
Lc	Ludden silty clay	Ludden	90	61	85	103	116	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
Lp	La Prairie loam	La Prairie	90	94	127	152	171	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				64	95	120	142	1
				48	73	96	116	2
				39	59	78	97	3
				33	49	65	82	4
				28	42	56	70	5
				25	37	49	62	6
MaE	Maddock loamy fine sand, 6 to 25 percent slopes	Maddock	85	138	184	217	243	0
				82	122	158	188	1
				58	87	116	144	2
				45	67	90	112	3
				37	55	73	92	4
				31	47	62	78	5
				27	40	54	67	6
Mb	Marysland loam	Marysland	90	468	604	701	774	0
				140	210	280	350	1
				82	124	165	206	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
Oa	Overly silty clay loam	Overly	90	67	92	111	126	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
Pa	Parnell silty clay loam	Parnell	90	84	114	136	153	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
Pb	Southam silty clay loam	Southam	90	70	97	116	132	0
				52	76	97	113	1
				41	62	81	98	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
PcA	Peever clay loam, 0 to 2 percent slopes	Peever	85	42	59	73	83	0
				35	50	64	75	1
				30	44	57	68	2
				26	39	50	61	3
				23	34	45	55	4
				20	31	41	50	5
				19	28	37	46	6
PcB	Peever clay loam, 2 to 6 percent slopes	Peever	85	46	65	79	91	0
				37	55	69	81	1
				32	47	61	73	2
				27	41	54	65	3
				24	36	48	59	4
				21	32	43	53	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				19	29	39	48	6
PcC	Peever clay loam, 6 to 9 percent slopes	Peever	85	42	59	73	83	0
				35	50	64	75	1
				30	44	57	68	2
				26	39	50	61	3
				23	34	45	55	4
				20	31	41	50	5
				19	28	37	46	6
Pd	Peever-Cavour complex	Peever	60	42	59	73	83	0
				35	50	64	75	1
				30	44	57	68	2
				26	39	50	61	3
				23	34	45	55	4
				20	31	41	50	5
				19	28	37	46	6
Pd	Peever-Cavour complex	Cavour	30	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
Pe	Peever-Tonka complex	Peever	62	42	59	73	83	0
				35	50	64	75	1
				30	44	57	68	2
				26	39	50	61	3
				23	34	45	55	4
				20	31	41	50	5
				19	28	37	46	6
Pe	Peever-Tonka complex	Tonka	28	77	105	126	142	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
Ph	Playmoor silty clay loam	Playmoor	85	98	133	158	178	0
				66	99	124	146	1
				49	74	99	119	2
				40	60	79	99	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
Po	Poinsett silt loam	Poinsett	90	88	119	142	160	0
				61	91	115	134	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
Ra	Rauville silty clay loam	Rauville	90	335	435	506	560	0
				125	188	250	313	1
				77	116	154	193	2
				56	83	111	139	3
				44	65	87	109	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				36	54	71	89	5
				30	45	61	76	6
RbA	Renshaw loam, 0 to 2 percent slopes	Renshaw	90	230	301	352	391	0
				107	160	214	259	1
				70	105	139	174	2
				52	78	103	129	3
				41	62	82	103	4
				34	51	68	85	5
				29	44	58	73	6
RbB	Renshaw loam, 2 to 6 percent slopes	Renshaw	85	230	301	352	391	0
				107	160	214	259	1
				70	105	139	174	2
				52	78	103	129	3
				41	62	82	103	4
				34	51	68	85	5
				29	44	58	73	6
RcD	Renshaw-Sioux complex, 6 to 15 percent slopes	Renshaw	55	230	301	352	391	0
				107	160	214	259	1
				70	105	139	174	2
				52	78	103	129	3
				41	62	82	103	4
				34	51	68	85	5
				29	44	58	73	6
RcD	Renshaw-Sioux complex, 6 to 15 percent slopes	Sioux	35	118	157	187	209	0
				74	111	141	167	1
				54	81	108	132	2
				43	64	85	106	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
RdE	Renshaw-Sioux extremely stony complex, 6 to 40 percent slopes	Renshaw	50	230	301	352	391	0
				107	160	214	259	1
				70	105	139	174	2
				52	78	103	129	3
				41	62	82	103	4
				34	51	68	85	5
				29	44	58	73	6
RdE	Renshaw-Sioux extremely stony complex, 6 to 40 percent slopes	Sioux	40	329	427	497	551	0
				124	187	249	311	1
				77	115	153	192	2
				55	83	111	139	3
				43	65	87	109	4
				36	53	71	89	5
				30	45	61	76	6
ReA	Rentill loam, 0 to 2 percent slopes	Rentill	90	88	119	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
SaE	Sioux-Renshaw complex, 15 to 40 percent slopes	Sioux	65	118	157	187	209	0
				74	111	141	167	1
				54	81	108	132	2
				43	64	85	106	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
SaE	Sioux-Renshaw complex, 15 to 40 percent slopes	Renshaw	25	230	301	352	391	0
				107	160	214	259	1
				70	105	139	174	2
				52	78	103	129	3
				41	62	82	103	4
				34	51	68	85	5
				29	44	58	73	6
SbE	Sisseton loam, 15 to 40 percent slopes	Sisseton	85	113	151	180	201	0
				72	108	137	162	1
				53	80	106	129	2
				42	63	84	105	3
				35	52	69	87	4
				30	44	59	74	5
				26	39	51	64	6
ScD	Sisseton-Heimdal loams, 9 to 15 percent slopes	Sisseton	45	113	151	180	201	0
				72	108	137	162	1
				53	80	106	129	2
				42	63	84	105	3
				35	52	69	87	4
				30	44	59	74	5
				26	39	51	64	6
ScD	Sisseton-Heimdal loams, 9 to 15 percent slopes	Heimdal	30	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
Sd	Svea loam	Svea	90	86	116	139	157	0
				60	89	112	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
SeA	Swenoda fine sandy loam, 0 to 2 percent slopes	Swenoda	85	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
Ta	Tonka silt loam	Tonka	90	77	105	126	142	0
				56	82	104	121	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
Va	Vallers loam	Vallers	90	50	70	85	97	0
				40	58	74	87	1
				33	50	64	77	2
				29	43	56	69	3
				25	38	50	61	4
				22	33	44	55	5
				20	30	40	50	6
Vb	Vallers-Parnell complex	Vallers	55	50	70	85	97	0
				40	58	74	87	1
				33	50	64	77	2
				29	43	56	69	3
				25	38	50	61	4
				22	33	44	55	5
				20	30	40	50	6
Vb	Vallers-Parnell complex	Parnell	35	84	114	136	153	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
Vc	Vallers-Tonka complex	Vallers	55	50	70	85	97	0
				40	58	74	87	1
				33	50	64	77	2
				29	43	56	69	3
				25	38	50	61	4
				22	33	44	55	5
				20	30	40	50	6
Vc	Vallers-Tonka complex	Tonka	35	77	105	126	142	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
VdD	Vienna-Buse complex, 9 to 15 percent slopes	Vienna	50	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
VdD	Vienna-Buse complex, 9 to 15 percent slopes	Buse	30	36	52	64	74	0
				31	45	57	67	1
				26	39	52	61	2
				23	35	46	56	3
				21	31	41	51	4
				19	28	38	47	5
				17	26	35	43	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
VeA	Vienna-Lismore silt loams, 0 to 2 percent slopes	Vienna	65	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
VeA	Vienna-Lismore silt loams, 0 to 2 percent slopes	Lismore	25	75	103	123	139	0
				55	80	102	119	1
				43	64	84	102	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
VeB	Vienna-Lismore silt loams, 1 to 6 percent slopes	Vienna	58	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
VeB	Vienna-Lismore silt loams, 1 to 6 percent slopes	Lismore	32	75	103	123	139	0
				55	80	102	119	1
				43	64	84	102	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
VeC	Vienna-Lismore silt loams, 3 to 9 percent slopes	Vienna	60	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
VeC	Vienna-Lismore silt loams, 3 to 9 percent slopes	Lismore	30	75	103	123	139	0
				55	80	102	119	1
				43	64	84	102	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6

South Dakota Lateral Effect Tables for Gregory County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
AaA	Agar silt loam, 0 to 3 percent slopes	Agar	90	109	146	174	195	0
				71	106	134	158	1
				52	78	104	126	2
				41	62	83	103	3
				34	51	69	86	4
				29	44	59	73	5
				26	38	51	64	6
AaB	Agar silt loam, 3 to 6 percent slopes	Agar	90	109	146	174	195	0
				71	106	134	158	1
				52	78	104	126	2
				41	62	83	103	3
				34	51	69	86	4
				29	44	59	73	5
				26	38	51	64	6
AdC	Anselmo-Dunday complex, 3 to 9 percent slopes	Anselmo	60	59	72	76	barrier	0
				46	64	73	barrier	1
				37	56	67	barrier	2
				31	47	61	barrier	3
				27	41	54	barrier	4
				24	36	48	barrier	5
				21	32	43	barrier	6
AdC	Anselmo-Dunday complex, 3 to 9 percent slopes	Dunday	30	260	339	396	439	0
				113	170	226	278	1
				72	108	144	181	2
				53	80	106	133	3
				42	63	84	105	4
				35	52	69	87	5
				30	44	59	74	6
AhB	Anselmo-Holt fine sandy loams, 2 to 6 percent slopes	Anselmo	55	59	72	76	barrier	0
				46	64	73	barrier	1
				37	56	67	barrier	2
				31	47	61	barrier	3
				27	41	54	barrier	4
				24	36	48	barrier	5
				21	32	43	barrier	6
AhB	Anselmo-Holt fine sandy loams, 2 to 6 percent slopes	Holt	30	54	barrier	barrier	barrier	0
				43	barrier	barrier	barrier	1
				35	barrier	barrier	barrier	2
				30	barrier	barrier	barrier	3
				26	barrier	barrier	barrier	4
				23	barrier	barrier	barrier	5
				21	barrier	barrier	barrier	6
AhC	Anselmo-Holt fine sandy loams, 6 to 9 percent slopes	Anselmo	50	59	72	76	barrier	0
				46	64	73	barrier	1
				37	56	67	barrier	2
				31	47	61	barrier	3
				27	41	54	barrier	4
				24	36	48	barrier	5
				21	32	43	barrier	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
AhC	Anselmo-Holt fine sandy loams, 6 to 9 percent slopes	Holt	40	54	barrier	barrier	barrier	0
				43	barrier	barrier	barrier	1
				35	barrier	barrier	barrier	2
				30	barrier	barrier	barrier	3
				26	barrier	barrier	barrier	4
				23	barrier	barrier	barrier	5
				21	barrier	barrier	barrier	6
AtE	Anselmo-Tassel fine sandy loams, 6 to 25 percent slopes	Anselmo	60	59	72	76	barrier	0
				46	64	73	barrier	1
				37	56	67	barrier	2
				31	47	61	barrier	3
				27	41	54	barrier	4
				24	36	48	barrier	5
				21	32	43	barrier	6
AtE	Anselmo-Tassel fine sandy loams, 6 to 25 percent slopes	Tassel	30	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
BaE	Betts loam, 15 to 40 percent slopes	Betts	85	39	56	68	79	0
				33	48	61	71	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6
Bb	Bon silt loam	Bon	85	117	157	186	208	0
				74	111	141	167	1
				54	81	108	132	2
				42	64	85	106	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
Bc	Bon silt loam, channeled	Bon	75	112	150	178	199	0
				72	108	136	161	1
				53	79	106	128	2
				42	63	84	104	3
				35	52	69	86	4
				29	44	59	74	5
				26	39	51	64	6
BID	Boro-Lakoma silty clays, 9 to 15 percent slopes	Boro	50	69	94	113	128	0
				51	75	95	111	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
BID	Boro-Lakoma silty clays, 9 to 15 percent slopes	Lakoma	35	44	barrier	barrier	barrier	0
				36	barrier	barrier	barrier	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				31	barrier	barrier	barrier	2
				27	barrier	barrier	barrier	3
				23	barrier	barrier	barrier	4
				21	barrier	barrier	barrier	5
				19	barrier	barrier	barrier	6
BmB	Boro-Millboro silty clays, 2 to 6 percent slopes	Boro	60	69	94	113	128	0
				51	75	95	111	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
BmB	Boro-Millboro silty clays, 2 to 6 percent slopes	Millboro	35	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
BmC	Boro-Millboro silty clays, 6 to 9 percent slopes	Boro	60	69	94	113	128	0
				51	75	95	111	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
BmC	Boro-Millboro silty clays, 6 to 9 percent slopes	Millboro	35	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
CaA	Carter-Capa complex, 0 to 3 percent slopes	Carter	55	80	109	130	147	0
				57	84	107	125	1
				44	67	87	106	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
CaA	Carter-Capa complex, 0 to 3 percent slopes	Capa	35	73	100	120	136	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
CbA	Carter-Promise complex, 0 to 3 percent slopes	Carter	60	80	109	130	147	0
				57	84	107	125	1
				44	67	87	106	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
CbA	Carter-Promise complex, 0 to 3 percent slopes	Promise	35	74	101	122	138	0
				54	80	101	118	1
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	34	46	57	6
Cd	Cass fine sandy loam, channeled	Cass	90	84	114	137	154	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
CrC	Coly silt loam, 6 to 9 percent slopes	Coly	85	94	127	151	170	0
				64	95	120	141	1
				48	73	96	116	2
				39	59	78	97	3
				33	49	65	82	4
				28	42	56	70	5
				25	37	49	62	6
CrE	Coly silt loam, 9 to 25 percent slopes	Coly	80	94	127	151	170	0
				64	95	120	141	1
				48	73	96	116	2
				39	59	78	97	3
				33	49	65	82	4
				28	42	56	70	5
				25	37	49	62	6
DaA	Dunday loamy fine sand, 0 to 3 percent slopes	Dunday	90	260	339	396	439	0
				113	170	226	278	1
				72	108	144	181	2
				53	80	106	133	3
				42	63	84	105	4
				35	52	69	87	5
				30	44	59	74	6
Du	Durrstein silt loam	Durrstein	90	54	75	91	104	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
Fd	Fedora loam	Fedora	90	185	243	286	318	0
				96	144	191	227	1
				65	97	130	162	2
				49	74	98	123	3
				39	59	79	98	4
				33	49	66	82	5
				28	42	56	71	6
Ha	Haynie variant-Munjor complex	Haynie	55	141	188	222	248	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				83	124	160	191	1
				59	88	117	145	2
				45	68	91	113	3
				37	55	74	92	4
				31	47	62	78	5
				27	40	54	67	6
Ha	Haynie variant-Munjor complex	Munjor	35	118	158	187	210	0
				74	111	141	167	1
				54	81	108	132	2
				43	64	85	106	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
HoA	Holt fine sandy loam, 0 to 3 percent slopes	Holt	85	54	barrier	barrier	barrier	0
				43	barrier	barrier	barrier	1
				35	barrier	barrier	barrier	2
				30	barrier	barrier	barrier	3
				26	barrier	barrier	barrier	4
				23	barrier	barrier	barrier	5
				21	barrier	barrier	barrier	6
HoB	Holt fine sandy loam, 3 to 6 percent slopes	Holt	85	54	barrier	barrier	barrier	0
				43	barrier	barrier	barrier	1
				35	barrier	barrier	barrier	2
				30	barrier	barrier	barrier	3
				26	barrier	barrier	barrier	4
				23	barrier	barrier	barrier	5
				21	barrier	barrier	barrier	6
HoC	Holt fine sandy loam, 6 to 9 percent slopes	Holt	90	54	barrier	barrier	barrier	0
				43	barrier	barrier	barrier	1
				35	barrier	barrier	barrier	2
				30	barrier	barrier	barrier	3
				26	barrier	barrier	barrier	4
				23	barrier	barrier	barrier	5
				21	barrier	barrier	barrier	6
HoD	Holt fine sandy loam, 9 to 15 percent slopes	Holt	85	54	barrier	barrier	barrier	0
				43	barrier	barrier	barrier	1
				35	barrier	barrier	barrier	2
				30	barrier	barrier	barrier	3
				26	barrier	barrier	barrier	4
				23	barrier	barrier	barrier	5
				21	barrier	barrier	barrier	6
Ia	Inavale loamy sand	Inavale	90	219	287	336	373	0
				105	157	209	252	1
				69	103	137	172	2
				51	77	102	128	3
				41	61	81	102	4
				34	51	68	85	5
				29	43	58	72	6
InB	Inavale fine sand, 2 to 6 percent slopes	Inavale	85	121	162	192	215	0
				75	113	144	171	1
				55	82	110	134	2
				43	64	86	107	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
Ix	Norway loamy fine sand	Norway	90	317	411	479	531	0
				123	184	245	307	1
				76	114	152	190	2
				55	83	110	138	3
				43	65	86	108	4
				36	53	71	89	5
				30	45	60	75	6
JaA	Jansen loam, 0 to 3 percent slopes	Jansen	85	382	495	575	636	0
				131	197	263	328	1
				79	119	159	198	2
				57	85	114	142	3
				44	66	88	111	4
				36	54	72	91	5
				31	46	61	77	6
JaB	Jansen loam, 3 to 6 percent slopes	Jansen	85	382	495	575	636	0
				131	197	263	328	1
				79	119	159	198	2
				57	85	114	142	3
				44	66	88	111	4
				36	54	72	91	5
				31	46	61	77	6
JaC	Jansen loam, 6 to 9 percent slopes	Jansen	90	382	495	575	636	0
				131	197	263	328	1
				79	119	159	198	2
				57	85	114	142	3
				44	66	88	111	4
				36	54	72	91	5
				31	46	61	77	6
JbA	Jansen-Brocksburg loams, 0 to 2 percent slopes	Jansen	65	382	495	575	636	0
				131	197	263	328	1
				79	119	159	198	2
				57	85	114	142	3
				44	66	88	111	4
				36	54	72	91	5
				31	46	61	77	6
JbA	Jansen-Brocksburg loams, 0 to 2 percent slopes	Brocksburg	25	345	447	520	575	0
				127	190	253	317	1
				78	116	155	194	2
				56	84	112	140	3
				44	66	87	109	4
				36	54	72	90	5
				30	46	61	76	6
Ko	Kolls clay	Kolls	90	51	71	86	98	0
				41	59	75	88	1
				34	51	65	78	2
				29	43	57	69	3
				25	38	50	62	4
				22	34	45	56	5
				20	30	40	50	6
LaB	Labu clay, 2 to 6 percent slopes	Labu	85	40	barrier	barrier	barrier	0
				33	barrier	barrier	barrier	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				29	barrier	barrier	barrier	2
				25	barrier	barrier	barrier	3
				22	barrier	barrier	barrier	4
				20	barrier	barrier	barrier	5
				18	barrier	barrier	barrier	6
LaC	Labu clay, 6 to 9 percent clay	Labu	85	40	barrier	barrier	barrier	0
				33	barrier	barrier	barrier	1
				29	barrier	barrier	barrier	2
				25	barrier	barrier	barrier	3
				22	barrier	barrier	barrier	4
				20	barrier	barrier	barrier	5
				18	barrier	barrier	barrier	6
LaD	Labu clay, 9 to 15 percent slopes	Labu	85	40	barrier	barrier	barrier	0
				33	barrier	barrier	barrier	1
				29	barrier	barrier	barrier	2
				25	barrier	barrier	barrier	3
				22	barrier	barrier	barrier	4
				20	barrier	barrier	barrier	5
				18	barrier	barrier	barrier	6
LcF	Labu-Sansarc clays, 15 to 50 percent slopes	Labu	45	40	barrier	barrier	barrier	0
				33	barrier	barrier	barrier	1
				29	barrier	barrier	barrier	2
				25	barrier	barrier	barrier	3
				22	barrier	barrier	barrier	4
				20	barrier	barrier	barrier	5
				18	barrier	barrier	barrier	6
LcF	Labu-Sansarc clays, 15 to 50 percent slopes	Sansarc	40	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
LoD	Lakoma-Okaton silty clays, 9 to 15 percent slopes	Lakoma	65	44	barrier	barrier	barrier	0
				36	barrier	barrier	barrier	1
				31	barrier	barrier	barrier	2
				27	barrier	barrier	barrier	3
				23	barrier	barrier	barrier	4
				21	barrier	barrier	barrier	5
				19	barrier	barrier	barrier	6
LoD	Lakoma-Okaton silty clays, 9 to 15 percent slopes	Okaton	35	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
LwB	Lakoma-Wewela complex, 2 to 6 percent slopes	Lakoma	45	44	barrier	barrier	barrier	0
				36	barrier	barrier	barrier	1
				31	barrier	barrier	barrier	2
				27	barrier	barrier	barrier	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				23	barrier	barrier	barrier	4
				21	barrier	barrier	barrier	5
				19	barrier	barrier	barrier	6
LwB	Lakoma-Wewela complex, 2 to 6 percent slopes	Wewela	30	45	barrier	barrier	barrier	0
				37	barrier	barrier	barrier	1
				31	barrier	barrier	barrier	2
				27	barrier	barrier	barrier	3
				24	barrier	barrier	barrier	4
				21	barrier	barrier	barrier	5
				19	barrier	barrier	barrier	6
LwC	Lakoma-Wewela complex, 6 to 9 percent slopes	Lakoma	50	44	barrier	barrier	barrier	0
				36	barrier	barrier	barrier	1
				31	barrier	barrier	barrier	2
				27	barrier	barrier	barrier	3
				23	barrier	barrier	barrier	4
				21	barrier	barrier	barrier	5
				19	barrier	barrier	barrier	6
LwC	Lakoma-Wewela complex, 6 to 9 percent slopes	Wewela	30	45	barrier	barrier	barrier	0
				37	barrier	barrier	barrier	1
				31	barrier	barrier	barrier	2
				27	barrier	barrier	barrier	3
				24	barrier	barrier	barrier	4
				21	barrier	barrier	barrier	5
				19	barrier	barrier	barrier	6
MaD	Mariaville loam, 6 to 15 percent slopes	Mariaville	100	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
MaF	Mariaville loam, 15 to 40 percent slopes	Mariaville	85	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
MdF	Mariaville-Labu-Anselmo complex, 15 to 40 percent slopes	Mariaville	40	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
MdF	Mariaville-Labu-Anselmo complex, 15 to 40 percent slopes	Labu	25	40	barrier	barrier	barrier	0
				33	barrier	barrier	barrier	1
				29	barrier	barrier	barrier	2
				25	barrier	barrier	barrier	3
				22	barrier	barrier	barrier	4
				20	barrier	barrier	barrier	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				18	barrier	barrier	barrier	6
MdF	Mariaville-Labu-Anselmo complex, 15 to 40 percent slopes	Anselmo	15	59	72	76	barrier	0
				46	64	73	barrier	1
				37	56	67	barrier	2
				31	47	61	barrier	3
				27	41	54	barrier	4
				24	36	48	barrier	5
				21	32	43	barrier	6
MeC	Meadin sandy loam, 3 to 9 percent slopes	Meadin	90	219	287	336	373	0
				105	157	209	252	1
				69	103	137	172	2
				51	77	102	128	3
				41	61	81	102	4
				34	51	68	85	5
				29	43	58	72	6
MeE	Meadin sandy loam, 9 to 25 percent slopes	Meadin	75	219	287	336	373	0
				105	157	209	252	1
				69	103	137	172	2
				51	77	102	128	3
				41	61	81	102	4
				34	51	68	85	5
				29	43	58	72	6
MoA	Millboro silty clay, 0 to 2 percent slopes	Millboro	90	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
MoB	Millboro silty clay, 2 to 6 percent slopes	Millboro	90	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
MoC	Millboro silty clay, 6 to 9 percent slopes	Millboro	90	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
MpB	Millboro-Lakoma silty clays, 2 to 6 percent slopes	Millboro	55	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
MpB	Millboro-Lakoma silty clays, 2 to 6 percent slopes	Lakoma	35	44	barrier	barrier	barrier	0
				36	barrier	barrier	barrier	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				31	barrier	barrier	barrier	2
				27	barrier	barrier	barrier	3
				23	barrier	barrier	barrier	4
				21	barrier	barrier	barrier	5
				19	barrier	barrier	barrier	6
MpC	Millboro-Lakoma silty clays, 6 to 9 percent slopes	Millboro	50	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
MpC	Millboro-Lakoma silty clays, 6 to 9 percent slopes	Lakoma	40	44	barrier	barrier	barrier	0
				36	barrier	barrier	barrier	1
				31	barrier	barrier	barrier	2
				27	barrier	barrier	barrier	3
				23	barrier	barrier	barrier	4
				21	barrier	barrier	barrier	5
				19	barrier	barrier	barrier	6
Mr	Mosher silt loam	Mosher	75	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
Ms	Mosher-Jerauld silt loams	Mosher	55	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
Ms	Mosher-Jerauld silt loams	Jerauld	30	53	74	90	102	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
ObE	Okaton-Lakoma silty clays, 15 to 50 percent slopes	Okaton	65	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
ObE	Okaton-Lakoma silty clays, 15 to 50 percent slopes	Lakoma	35	44	barrier	barrier	barrier	0
				36	barrier	barrier	barrier	1
				31	barrier	barrier	barrier	2
				27	barrier	barrier	barrier	3
				23	barrier	barrier	barrier	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				21	barrier	barrier	barrier	5
				19	barrier	barrier	barrier	6
OcF	Okaton-Mariaville complex, 15 to 50 percent slopes	Okaton	55	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
OcF	Okaton-Mariaville complex, 15 to 50 percent slopes	Mariaville	30	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
OeC	O'Neill fine sandy loam, 3 to 9 percent slopes	O'Neill	90	264	343	401	445	0
				114	171	228	280	1
				73	109	145	181	2
				53	80	106	133	3
				42	63	84	105	4
				35	52	69	87	5
				30	44	59	74	6
On	Onita silt loam	Onita	90	93	125	149	168	0
				63	95	119	140	1
				48	72	96	115	2
				39	58	78	96	3
				33	49	65	81	4
				28	42	56	70	5
				25	37	49	61	6
Ot	Onita silt loam, moist	Onita	90	94	127	152	170	0
				64	95	120	142	1
				48	73	96	116	2
				39	59	78	97	3
				33	49	65	82	4
				28	42	56	70	5
				25	37	49	62	6
Pm	Platte loam	Platte	85	378	489	569	629	0
				131	196	262	327	1
				79	119	158	198	2
				57	85	113	142	3
				44	66	88	110	4
				36	54	72	90	5
				31	46	61	77	6
PrA	Promise clay, 0 to 3 percent slopes	Promise	90	74	101	122	138	0
				54	80	101	118	1
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	34	46	57	6
PrB	Promise clay, 3 to 6 percent slopes	Promise	90	74	101	122	138	0
				54	80	101	118	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	34	46	57	6
PrC	Promise clay, 6 to 9 percent slopes	Promise	100	74	101	122	138	0
				54	80	101	118	1
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	34	46	57	6
RaA	Ree loam, 0 to 3 percent slopes	Ree	90	109	147	174	196	0
				71	106	134	158	1
				52	78	104	127	2
				41	62	83	103	3
				34	51	69	86	4
				29	44	59	73	5
				26	38	51	64	6
RaB	Ree loam, 3 to 6 percent slopes	Ree	90	109	147	174	196	0
				71	106	134	158	1
				52	78	104	127	2
				41	62	83	103	3
				34	51	69	86	4
				29	44	59	73	5
				26	38	51	64	6
RaC	Ree loam, 6 to 9 percent slopes	Ree	90	109	147	174	196	0
				71	106	134	158	1
				52	78	104	127	2
				41	62	83	103	3
				34	51	69	86	4
				29	44	59	73	5
				26	38	51	64	6
RbA	Ree loam, gravelly substratum, 0 to 2 percent slopes	Ree	85	389	504	586	647	0
				132	198	264	330	1
				80	119	159	199	2
				57	85	114	142	3
				44	66	89	111	4
				36	54	73	91	5
				31	46	61	77	6
RcC	Ree-Tassel complex, 3 to 9 percent slopes	Ree	70	109	147	174	196	0
				71	106	134	158	1
				52	78	104	127	2
				41	62	83	103	3
				34	51	69	86	4
				29	44	59	73	5
				26	38	51	64	6
RcC	Ree-Tassel complex, 3 to 9 percent slopes	Tassel	20	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				barrier	barrier	barrier	barrier	6
ReA	Reliance silty clay loam, 0 to 3 percent slopes	Reliance	85	87	118	141	159	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
ReB	Reliance silty clay loam, 3 to 6 percent slopes	Reliance	90	87	118	141	159	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
ReB2	Reliance silty clay loam, 2 to 6 percent slopes, eroded	Reliance	90	87	118	141	159	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
ReC	Reliance silty clay loam, 6 to 9 percent slopes	Reliance	90	87	118	141	159	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
ReC2	Reliance silty clay loam, 6 to 9 percent slopes, eroded	Reliance	90	87	117	140	158	0
				61	90	113	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
ReD	Reliance silty clay loam, 9 to 15 percent slopes	Reliance	90	87	118	141	159	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
ReD2	Reliance silty clay loam, 9 to 15 percent slopes, eroded	Reliance	90	87	118	141	159	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Rv	Riverwash	Riverwash	100	195	256	301	334	0
				99	148	197	235	1
				66	99	132	165	2
				50	75	99	124	3
				40	60	80	99	4
				33	50	66	83	5
				28	43	57	71	6
ScE	Sansarc-Rock outcrop complex, 9 to 40 percent slopes	Sansarc	65	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
So	Scott silt loam	Scott	85	81	111	133	150	0
				58	85	108	127	1
				45	67	88	107	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
TrE	Tassel-Rock outcrop complex, 9 to 30 percent slopes	Tassel	70	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
UlA	Uly silt loam, 0 to 2 percent slopes	Uly	85	102	137	163	183	0
				68	101	127	150	1
				50	76	101	122	2
				40	60	81	101	3
				34	50	67	84	4
				29	43	57	72	5
				25	38	50	63	6
UlB	Uly silt loam, 2 to 6 percent slopes	Uly	85	102	137	163	183	0
				68	101	127	150	1
				50	76	101	122	2
				40	60	81	101	3
				34	50	67	84	4
				29	43	57	72	5
				25	38	50	63	6
VaC	Valentine loamy fine sand, 3 to 9 percent slopes	Valentine	85	249	325	380	421	0
				111	166	222	271	1
				71	107	143	178	2
				53	79	105	131	3
				42	62	83	104	4
				34	52	69	86	5
				29	44	59	73	6
VaD	Valentine loamy fine sand, 9 to 18 percent slopes	Valentine	85	249	325	380	421	0
				111	166	222	271	1
				71	107	143	178	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				53	79	105	131	3
				42	62	83	104	4
				34	52	69	86	5
				29	44	59	73	6
Vt	Vetal fine sandy loam	Vetal	90	118	158	187	210	0
				74	111	141	167	1
				54	81	108	132	2
				43	64	85	106	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
Wd	Wendte silty clay	Wendte	90	67	92	111	126	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
We	Wendte silty clay, channeled	Wendte	90	67	92	111	126	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
Wh	Whitelake fine sandy loam	Whitelake	90	74	101	121	137	0
				54	80	101	118	1
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	34	46	57	6
Wn	Witten silty clay	Witten	99	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6

South Dakota Lateral Effect Tables for Hamlin County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
ArA	Arvilla sandy loam, 0 to 2 percent slopes	Arvilla	85	251	327	382	424	0
				111	167	223	272	1
				72	107	143	179	2
				53	79	105	132	3
				42	63	83	104	4
				35	52	69	86	5
				29	44	59	74	6
Ba	Badger silty clay loam	Badger	85	64	89	107	122	0
				48	71	91	106	1
				39	59	76	92	2
				33	49	65	79	3
				28	42	56	70	4
				25	37	49	62	5
				22	33	44	55	6
BaB	Barnes clay loam, 2 to 6 percent slopes	Barnes	85	53	74	90	102	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
BbB	Barnes-Buse loams, 2 to 6 percent slopes	Barnes	65	59	81	99	112	0
				46	66	84	99	1
				37	56	72	86	2
				31	47	62	75	3
				27	41	54	66	4
				24	36	48	60	5
				21	32	43	53	6
BbB	Barnes-Buse loams, 2 to 6 percent slopes	Buse	25	38	55	67	78	0
				32	47	60	70	1
				28	41	54	64	2
				24	36	48	58	3
				22	32	43	53	4
				19	29	39	48	5
				18	27	36	44	6
BbC	Barnes-Buse loams, 6 to 9 percent slopes	Barnes	55	59	81	99	112	0
				46	66	84	99	1
				37	56	72	86	2
				31	47	62	75	3
				27	41	54	66	4
				24	36	48	60	5
				21	32	43	53	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
BbC	Barnes-Buse loams, 6 to 9 percent slopes	Buse	35	38	55	67	78	0
				32	47	60	70	1
				28	41	54	64	2
				24	36	48	58	3
				22	32	43	53	4
				19	29	39	48	5
				18	27	36	44	6
BcD	Barnes-Buse-Svea loams, 2 to 15 percent slopes	Barnes	40	59	81	99	112	0
				46	66	84	99	1
				37	56	72	86	2
				31	47	62	75	3
				27	41	54	66	4
				24	36	48	60	5
				21	32	43	53	6
BcD	Barnes-Buse-Svea loams, 2 to 15 percent slopes	Buse	30	38	55	67	78	0
				32	47	60	70	1
				28	41	54	64	2
				24	36	48	58	3
				22	32	43	53	4
				19	29	39	48	5
				18	27	36	44	6
BcD	Barnes-Buse-Svea loams, 2 to 15 percent slopes	Svea	20	84	114	136	153	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
BnA	Barnes-Vienna complex, 0 to 2 percent slopes	Barnes	75	59	81	99	112	0
				46	66	84	99	1
				37	56	72	86	2
				31	47	62	75	3
				27	41	54	66	4
				24	36	48	60	5
				21	32	43	53	6
BnA	Barnes-Vienna complex, 0 to 2 percent slopes	Vienna	15	68	94	113	128	0
				51	75	95	111	1
				40	61	79	96	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
BrA	Brandt silty clay loam, 0 to 2 percent slopes	Brandt	85	103	139	165	186	0
				68	102	129	152	1
				51	76	101	123	2
				40	61	81	101	3
				34	50	67	84	4
				29	43	58	72	5
				25	38	50	63	6
BrB	Brandt silty clay loam, 2 to 6 percent slopes	Brandt	85	103	139	165	186	0
				68	102	129	152	1
				51	76	101	123	2
				40	61	81	101	3
				34	50	67	84	4
				29	43	58	72	5
				25	38	50	63	6
Bs	Brookings silty clay loam	Brookings	85	66	90	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	80	3
				28	43	57	70	4
				25	37	50	62	5
				22	33	44	55	6
BtD	Buse-Barnes loams, 9 to 20 percent slopes	Buse	50	38	55	67	78	0
				32	47	60	70	1
				28	41	54	64	2
				24	36	48	58	3
				22	32	43	53	4
				19	29	39	48	5
				18	27	36	44	6
BtD	Buse-Barnes loams, 9 to 20 percent slopes	Barnes	40	59	81	99	112	0
				46	66	84	99	1
				37	56	72	86	2
				31	47	62	75	3
				27	41	54	66	4
				24	36	48	60	5
				21	32	43	53	6
BuC	Buse-Barnes loams, 2 to 15 percent slopes, very stony	Buse	50	38	55	67	78	0
				32	47	60	70	1
				28	41	54	64	2
				24	36	48	58	3
				22	32	43	53	4
				19	29	39	48	5
				18	27	36	44	6
BuC	Buse-Barnes loams, 2 to 15 percent slopes, very stony	Barnes	35	59	81	99	112	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				46	66	84	99	1
				37	56	72	86	2
				31	47	62	75	3
				27	41	54	66	4
				24	36	48	60	5
				21	32	43	53	6
BuE	Buse-Barnes loams, 9 to 40 percent slopes, very stony	Buse	60	38	55	67	78	0
				32	47	60	70	1
				28	41	54	64	2
				24	36	48	58	3
				22	32	43	53	4
				19	29	39	48	5
				18	27	36	44	6
BuE	Buse-Barnes loams, 9 to 40 percent slopes, very stony	Barnes	30	59	81	99	112	0
				46	66	84	99	1
				37	56	72	86	2
				31	47	62	75	3
				27	41	54	66	4
				24	36	48	60	5
				21	32	43	53	6
BvD	Buse-Lamoure, channeled, complex, 0 to 40 percent slopes	Buse	50	38	55	67	78	0
				32	47	60	70	1
				28	41	54	64	2
				24	36	48	58	3
				22	32	43	53	4
				19	29	39	48	5
				18	27	36	44	6
BvD	Buse-Lamoure, channeled, complex, 0 to 40 percent slopes	Lamoure	30	106	143	169	190	0
				69	104	131	155	1
				51	77	103	125	2
				41	61	82	102	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	63	6
BxE	Buse-Langhei complex, 15 to 40 percent slopes	Buse	50	38	55	67	78	0
				32	47	60	70	1
				28	41	54	64	2
				24	36	48	58	3
				22	32	43	53	4
				19	29	39	48	5
				18	27	36	44	6
BxE	Buse-Langhei complex, 15 to 40 percent slopes	Langhei	35	33	48	60	69	0
				28	42	54	63	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				25	37	48	58	2
				22	33	43	53	3
				20	30	39	49	4
				18	27	36	45	5
				17	25	33	41	6
ByC	Buse-Poinsett complex, 6 to 9 percent slopes	Buse	50	38	55	67	78	0
				32	47	60	70	1
				28	41	54	64	2
				24	36	48	58	3
				22	32	43	53	4
				19	29	39	48	5
				18	27	36	44	6
ByC	Buse-Poinsett complex, 6 to 9 percent slopes	Poinsett	35	64	88	107	121	0
				48	71	90	106	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
ByD	Buse-Poinsett complex, 9 to 15 percent slopes	Buse	50	38	55	67	78	0
				32	47	60	70	1
				28	41	54	64	2
				24	36	48	58	3
				22	32	43	53	4
				19	29	39	48	5
				18	27	36	44	6
ByD	Buse-Poinsett complex, 9 to 15 percent slopes	Poinsett	40	64	88	107	121	0
				48	71	90	106	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
Ca	Castlewood silty clay	Castlewood	85	105	141	168	188	0
				69	103	130	154	1
				51	77	102	124	2
				41	61	82	102	3
				34	51	68	85	4
				29	43	58	72	5
				25	38	51	63	6
Co	Colvin-Oldham silty clay loams	Colvin	50	78	106	127	144	0
				56	83	105	122	1
				44	66	86	104	2
				36	54	72	88	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
Co	Colvin-Oldham silty clay loams	Oldham	40	68	94	113	128	0
				51	75	95	111	1
				40	61	79	96	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
Cu	Cubden-Badger silty clay loams	Cubden	60	73	100	120	136	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
Cu	Cubden-Badger silty clay loams	Badger	30	64	89	107	122	0
				48	71	91	106	1
				39	59	76	92	2
				33	49	65	79	3
				28	42	56	70	4
				25	37	49	62	5
				22	33	44	55	6
Cx	Cubden-Tonka silty clay loams	Cubden	60	73	100	120	136	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
Cx	Cubden-Tonka silty clay loams	Tonka	30	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
Dv	Divide loam	Divide	85	469	605	702	775	0
				140	210	280	351	1
				82	124	165	206	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
EgB	Egeland-Embden complex, 2 to 6 percent slopes	Egeland	60	166	219	258	287	0
				91	136	178	212	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				62	94	125	156	2
				48	71	95	119	3
				38	58	77	96	4
				32	48	64	81	5
				28	42	56	69	6
EgB	Egeland-Embden complex, 2 to 6 percent slopes	Embden	30	85	116	139	156	0
				60	89	112	132	1
				46	69	91	110	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
EmC	Egeland-Maddock sandy loams, 6 to 9 percent slopes	Egeland	55	166	219	258	287	0
				91	136	178	212	1
				62	94	125	156	2
				48	71	95	119	3
				38	58	77	96	4
				32	48	64	81	5
				28	42	56	69	6
EmC	Egeland-Maddock sandy loams, 6 to 9 percent slopes	Maddock	35	223	292	341	379	0
				105	158	211	254	1
				69	104	138	173	2
				51	77	103	128	3
				41	61	82	102	4
				34	51	68	85	5
				29	43	58	72	6
EsA	Estelline silt loam, 0 to 2 percent slopes	Estelline	85	184	242	285	317	0
				96	144	190	227	1
				65	97	130	162	2
				49	73	98	122	3
				39	59	79	98	4
				33	49	66	82	5
				28	42	56	71	6
EsB	Estelline silt loam, 2 to 6 percent slopes	Estelline	85	184	242	285	317	0
				96	144	190	227	1
				65	97	130	162	2
				49	73	98	122	3
				39	59	79	98	4
				33	49	66	82	5
				28	42	56	71	6
Fa	Fairdale loam, channeled	Fairdale	75	104	140	167	187	0
				68	103	129	153	1
				51	76	102	123	2
				41	61	81	102	3
				34	51	68	84	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				29	43	58	72	5
				25	38	50	63	6
FdA	Fordville loam, 0 to 2 percent slopes	Fordville	85	454	586	680	751	0
				139	208	278	347	1
				82	123	164	205	2
				58	87	116	145	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
FoB	Fordville-Renshaw loams, 2 to 6 percent slopes	Fordville	65	454	586	680	751	0
				139	208	278	347	1
				82	123	164	205	2
				58	87	116	145	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
FoB	Fordville-Renshaw loams, 2 to 6 percent slopes	Renshaw	25	242	316	369	410	0
				110	164	219	267	1
				71	106	142	177	2
				52	78	105	131	3
				41	62	83	104	4
				34	51	69	86	5
				29	44	59	73	6
HeA	Hetland silty clay loam, 0 to 2 percent slopes	Hetland	85	81	111	132	149	0
				58	85	108	126	1
				45	67	88	107	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
HeB	Hetland silty clay loam, 2 to 6 percent slopes	Hetland	85	81	111	132	149	0
				58	85	108	126	1
				45	67	88	107	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
KrA	Kranzburg-Brookings silty clay loams, 0 to 2 percent slopes	Kranzburg	65	61	84	101	115	0
				47	68	86	101	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
KrA	Kranzburg-Brookings silty clay loams, 0 to 2 percent slopes	Brookings	25	66	90	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	80	3
				28	43	57	70	4
				25	37	50	62	5
				22	33	44	55	6
KrB	Kranzburg-Brookings silty clay loams, 1 to 6 percent slopes	Kranzburg	70	61	84	101	115	0
				47	68	86	101	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
KrB	Kranzburg-Brookings silty clay loams, 1 to 6 percent slopes	Brookings	20	66	90	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	80	3
				28	43	57	70	4
				25	37	50	62	5
				22	33	44	55	6
La	La Prairie loam	La Prairie	85	77	105	125	142	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
Ld	LaDelle silt loam	LaDelle	85	95	128	153	172	0
				64	96	121	142	1
				49	73	97	117	2
				39	59	78	97	3
				33	49	66	82	4
				28	42	56	70	5
				25	37	49	62	6
Lm	Lamoure silty clay loam	Lamoure	85	106	143	169	190	0
				69	104	131	155	1
				51	77	103	125	2
				41	61	82	102	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	63	6
Lr	Lamoure-Rauville silty clay loams, channeled	Lamoure	60	106	143	169	190	0
				69	104	131	155	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				51	77	103	125	2
				41	61	82	102	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	63	6
Lr	Lamoure-Rauville silty clay loams, channeled	Rauville	25	113	151	180	201	0
				72	108	137	162	1
				53	80	106	129	2
				42	63	84	105	3
				35	52	69	87	4
				30	44	59	74	5
				26	39	51	64	6
Lw	Lowe loam	Lowe	85	68	94	113	128	0
				51	75	95	111	1
				40	61	79	96	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
Ma	Marysland loam	Marysland	85	468	604	701	774	0
				140	210	280	350	1
				82	124	165	206	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
MbA	Mauvais clay loam, 0 to 2 percent slopes	Mauvais	85	51	72	88	100	0
				41	60	76	89	1
				34	51	65	79	2
				29	43	57	70	3
				25	38	50	62	4
				22	34	45	56	5
				20	30	40	50	6
Mc	McIntosh-Badger silty clay loams	McIntosh	50	61	85	103	117	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
Mc	McIntosh-Badger silty clay loams	Badger	35	64	89	107	122	0
				48	71	91	106	1
				39	59	76	92	2
				33	49	65	79	3
				28	42	56	70	4
				25	37	49	62	5
				22	33	44	55	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Mn	Minnewaukan loamy sand	Minnewaukan	85	332	431	502	556	0
				125	187	250	312	1
				77	115	154	192	2
				56	83	111	139	3
				43	65	87	109	4
				36	54	71	89	5
				30	45	61	76	6
Mz	Moritz-Lamoure complex	Moritz	50	85	115	138	155	0
				60	88	112	131	1
				46	69	91	109	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
Mz	Moritz-Lamoure complex	Lamoure	40	106	143	169	190	0
				69	104	131	155	1
				51	77	103	125	2
				41	61	82	102	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	63	6
Oh	Oldham silty clay loam	Oldham	85	68	94	113	128	0
				51	75	95	111	1
				40	61	79	96	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
Pa	Parnell silty clay loam	Parnell	85	82	112	134	151	0
				58	86	109	128	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6
Pm	Playmoor silty clay loam	Playmoor	85	100	135	160	180	0
				67	100	126	148	1
				50	75	100	121	2
				40	60	80	100	3
				33	50	67	83	4
				29	43	57	71	5
				25	38	50	63	6
PoB	Poinsett-Buse complex, 2 to 6 percent slopes	Poinsett	55	64	88	107	121	0
				48	71	90	106	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				25	37	49	62	5
				22	33	44	55	6
PoB	Poinsett-Buse complex, 2 to 6 percent slopes	Buse	30	38	55	67	78	0
				32	47	60	70	1
				28	41	54	64	2
				24	36	48	58	3
				22	32	43	53	4
				19	29	39	48	5
				18	27	36	44	6
PsB	Poinsett-Buse-Waubay complex, 1 to 6 percent slopes	Poinsett	45	64	88	107	121	0
				48	71	90	106	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
PsB	Poinsett-Buse-Waubay complex, 1 to 6 percent slopes	Buse	25	38	55	67	78	0
				32	47	60	70	1
				28	41	54	64	2
				24	36	48	58	3
				22	32	43	53	4
				19	29	39	48	5
				18	27	36	44	6
PsB	Poinsett-Buse-Waubay complex, 1 to 6 percent slopes	Waubay	20	67	92	111	126	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
PsC	Poinsett-Buse-Waubay complex, 2 to 9 percent slopes	Poinsett	40	64	88	107	121	0
				48	71	90	106	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
PsC	Poinsett-Buse-Waubay complex, 2 to 9 percent slopes	Buse	30	38	55	67	78	0
				32	47	60	70	1
				28	41	54	64	2
				24	36	48	58	3
				22	32	43	53	4
				19	29	39	48	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				18	27	36	44	6
PsC	Poinsett-Buse-Waubay complex, 2 to 9 percent slopes	Waubay	20	67	92	111	126	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
PwA	Poinsett-Waubay silty clay loams, 0 to 2 percent slopes	Poinsett	60	64	88	107	121	0
				48	71	90	106	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
PwA	Poinsett-Waubay silty clay loams, 0 to 2 percent slopes	Waubay	30	67	92	111	126	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
PwB	Poinsett-Waubay silty clay loams, 1 to 6 percent slopes	Poinsett	70	64	88	107	121	0
				48	71	90	106	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
PwB	Poinsett-Waubay silty clay loams, 1 to 6 percent slopes	Waubay	20	67	92	111	126	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
Ra	Rauville silty clay loam	Rauville	85	113	151	180	201	0
				72	108	137	162	1
				53	80	106	129	2
				42	63	84	105	3
				35	52	69	87	4
				30	44	59	74	5
				26	39	51	64	6
ReA	Renshaw loam, 0 to 2 percent slopes	Renshaw	85	242	316	369	410	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				110	164	219	267	1
				71	106	142	177	2
				52	78	105	131	3
				41	62	83	104	4
				34	51	69	86	5
				29	44	59	73	6
ReB	Renshaw loam, 2 to 6 percent slopes	Renshaw	85	242	316	369	410	0
				110	164	219	267	1
				71	106	142	177	2
				52	78	105	131	3
				41	62	83	104	4
				34	51	69	86	5
				29	44	59	73	6
RnC	Renshaw-Brandt complex, 3 to 9 percent slopes	Renshaw	50	242	316	369	410	0
				110	164	219	267	1
				71	106	142	177	2
				52	78	105	131	3
				41	62	83	104	4
				34	51	69	86	5
				29	44	59	73	6
RnC	Renshaw-Brandt complex, 3 to 9 percent slopes	Brandt	35	103	139	165	186	0
				68	102	129	152	1
				51	76	101	123	2
				40	61	81	101	3
				34	50	67	84	4
				29	43	58	72	5
				25	38	50	63	6
RsC	Renshaw-Sioux complex, 6 to 9 percent slopes	Renshaw	55	242	316	369	410	0
				110	164	219	267	1
				71	106	142	177	2
				52	78	105	131	3
				41	62	83	104	4
				34	51	69	86	5
				29	44	59	73	6
RsC	Renshaw-Sioux complex, 6 to 9 percent slopes	Sioux	35	388	502	583	645	0
				132	198	264	330	1
				80	119	159	199	2
				57	85	114	142	3
				44	66	89	111	4
				36	54	73	91	5
				31	46	61	77	6
SaD	Sioux-Renshaw complex, 9 to 15 percent slopes	Sioux	50	388	502	583	645	0
				132	198	264	330	1
				80	119	159	199	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				57	85	114	142	3
				44	66	89	111	4
				36	54	73	91	5
				31	46	61	77	6
SaD	Sioux-Renshaw complex, 9 to 15 percent slopes	Renshaw	40	242	316	369	410	0
				110	164	219	267	1
				71	106	142	177	2
				52	78	105	131	3
				41	62	83	104	4
				34	51	69	86	5
				29	44	59	73	6
So	Southam silty clay loam	Southam	85	65	89	108	122	0
				49	72	91	107	1
				39	59	76	92	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
Sp	Spottswood loam	Spottswood	85	176	232	272	303	0
				94	140	185	221	1
				64	96	128	159	2
				48	73	97	121	3
				39	58	78	97	4
				33	49	65	81	5
				28	42	56	70	6
StB	Strayhoss loam, 2 to 6 percent slopes	Strayhoss	85	233	305	356	396	0
				108	161	215	261	1
				70	105	140	175	2
				52	78	104	130	3
				41	62	82	103	4
				34	51	68	85	5
				29	44	58	73	6
To	Tonka silty clay loam	Tonka	85	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
VbA	Vienna-Brookings complex, 0 to 2 percent slopes	Vienna	70	68	94	113	128	0
				51	75	95	111	1
				40	61	79	96	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
VbA	Vienna-Brookings complex, 0 to 2 percent slopes	Brookings	20	66	90	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	80	3
				28	43	57	70	4
				25	37	50	62	5
				22	33	44	55	6
VbB	Vienna-Brookings complex, 1 to 6 percent slopes	Vienna	70	68	94	113	128	0
				51	75	95	111	1
				40	61	79	96	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
VbB	Vienna-Brookings complex, 1 to 6 percent slopes	Brookings	15	66	90	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	80	3
				28	43	57	70	4
				25	37	50	62	5
				22	33	44	55	6
VnC	Vienna-Buse complex, 6 to 9 percent slopes	Vienna	70	68	94	113	128	0
				51	75	95	111	1
				40	61	79	96	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
VnC	Vienna-Buse complex, 6 to 9 percent slopes	Buse	20	38	55	67	78	0
				32	47	60	70	1
				28	41	54	64	2
				24	36	48	58	3
				22	32	43	53	4
				19	29	39	48	5
				18	27	36	44	6
Wa	Waubay silty clay loam	Waubay	85	67	92	111	126	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6

South Dakota Lateral Effect Tables for Hand County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Ag	Highmore silt loam	Highmore	60	65	89	108	122	0
				49	72	91	107	1
				39	59	76	92	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
Ag	Highmore silt loam	Eakin	20	70	96	115	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
BcA	Prosper-Stickney loams, nearly level	Prosper	60	64	89	107	121	0
				48	71	91	106	1
				39	59	76	92	2
				33	49	65	79	3
				28	42	56	70	4
				25	37	49	62	5
				22	33	44	55	6
BcA	Prosper-Stickney loams, nearly level	Stickney	25	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
BhA	Prosper-Houdek loams, nearly level	Prosper	50	64	89	107	121	0
				48	71	91	106	1
				39	59	76	92	2
				33	49	65	79	3
				28	42	56	70	4
				25	37	49	62	5
				22	33	44	55	6
BhA	Prosper-Houdek loams, nearly level	Houdek	35	60	82	100	113	0
				46	67	85	100	1
				38	56	72	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
CaA	Dudley silt loam, nearly level	Dudley	70	84	114	137	154	0
				59	88	111	130	1
				46	68	90	109	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
CcA	Dudley-Stickney silt loams, nearly level	Dudley	50	84	114	137	154	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
CcA	Dudley-Stickney silt loams, nearly level	Stickney	35	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
CeA	DeGrey-Eakin silt loams, nearly level	DeGrey	60	86	117	139	157	0
				60	89	113	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
CeA	DeGrey-Eakin silt loams, nearly level	Eakin	25	70	96	115	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
ChA	Dudley-Houdek loams, nearly level	Dudley	50	68	93	112	127	0
				51	74	94	110	1
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
ChA	Dudley-Houdek loams, nearly level	Houdek	35	60	82	100	113	0
				46	67	85	100	1
				38	56	72	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
ChB	Dudley-Houdek loams, undulating	Dudley	50	68	93	112	127	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				51	74	94	110	1
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
ChB	Dudley-Houdek loams, undulating	Houdek	40	60	82	100	113	0
				46	67	85	100	1
				38	56	72	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
CmA	Cavo-Raber silt loams, nearly level	Cavo	50	87	118	141	159	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
CmA	Cavo-Raber silt loams, nearly level	Raber	35	42	60	73	84	0
				35	51	65	76	1
				30	44	57	68	2
				26	39	51	62	3
				23	34	45	56	4
				20	31	41	51	5
				19	28	37	46	6
CnA	Cavo-Glenham loams, nearly level	Cavo	50	70	96	115	130	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
CnA	Cavo-Glenham loams, nearly level	Glenham	30	47	66	81	92	0
				38	55	70	83	1
				32	48	62	74	2
				28	41	54	66	3
				24	36	48	59	4
				22	32	43	53	5
				20	29	39	49	6
CrA	Stickney-Prosper loams, nearly level	Stickney	50	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				21	32	43	53	6
CrA	Stickney-Prosper loams, nearly level	Prosper	35	64	89	107	121	0
				48	71	91	106	1
				39	59	76	92	2
				33	49	65	79	3
				28	42	56	70	4
				25	37	49	62	5
				22	33	44	55	6
CsA	Stickney-Dudley silt loams, nearly level	Stickney	50	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
CsA	Stickney-Dudley silt loams, nearly level	Dudley	40	84	114	137	154	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
EaA	Eakin silt loam, nearly level	Eakin	80	70	96	115	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
EaB	Eakin silt loam, undulating	Eakin	80	70	96	115	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
EcA	Eakin-DeGrey silt loams, nearly level	Eakin	50	70	96	115	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
EcA	Eakin-DeGrey silt loams, nearly level	DeGrey	35	86	117	139	157	0
				60	89	113	132	1
				46	69	91	110	2
				38	56	75	93	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
EcB	Eakin-DeGrey silt loams, undulating	Eakin	55	70	96	115	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
EcB	Eakin-DeGrey silt loams, undulating	DeGrey	30	86	117	139	157	0
				60	89	113	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
EmA	Eakin-Jerauld silt loams, nearly level	Eakin	50	70	96	115	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
EmA	Eakin-Jerauld silt loams, nearly level	Jerauld	30	54	76	92	105	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
EmB	Eakin-Jerauld silt loams, undulating	Eakin	60	70	96	115	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
EmB	Eakin-Jerauld silt loams, undulating	Jerauld	20	54	76	92	105	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
ErA	Eakin-Raber complex, nearly level	Eakin	60	70	96	115	131	0
				52	76	97	113	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
ErA	Eakin-Raber complex, nearly level	Raber	20	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
ErB	Eakin-Raber complex, undulating	Eakin	60	70	96	115	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
ErB	Eakin-Raber complex, undulating	Raber	20	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
EsA	Jerauld silty clay, level	Jerauld	99	51	71	87	99	0
				41	59	75	88	1
				34	51	65	78	2
				29	43	57	69	3
				25	38	50	62	4
				22	34	45	56	5
				20	30	40	50	6
EtA	Durrstein silty clay loam, nearly level	Durrstein	65	48	68	83	95	0
				39	57	72	85	1
				32	49	63	75	2
				28	42	55	68	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
EvA	Jerauld-Lane silty clay loams, nearly level	Jerauld	60	52	73	88	101	0
				41	60	77	89	1
				34	51	66	79	2
				29	44	58	71	3
				25	38	51	63	4
				23	34	45	56	5
				20	30	41	51	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
EvA	Jerauld-Lane silty clay loams, nearly level	Lane	39	70	96	115	130	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
ExA	Jerauld-Lane silty clays, level	Jerauld	60	51	71	87	99	0
				41	59	75	88	1
				34	51	65	78	2
				29	43	57	69	3
				25	38	50	62	4
				22	34	45	56	5
				20	30	40	50	6
ExA	Jerauld-Lane silty clays, level	Lane	39	61	85	102	116	0
				47	69	87	102	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
GaA	Davis silt loam, nearly level	Davis	100	106	143	170	190	0
				69	104	131	155	1
				51	77	103	125	2
				41	61	82	102	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	63	6
GaB	Davis silt loam, gently sloping	Davis	100	106	143	170	190	0
				69	104	131	155	1
				51	77	103	125	2
				41	61	82	102	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	63	6
HaA	Davison loam, nearly level	Davison	99	81	110	131	148	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
HbA	Hand loam, nearly level	Hand	99	92	124	148	166	0
				63	94	118	139	1
				48	72	95	115	2
				39	58	77	96	3
				32	49	65	81	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				28	42	56	70	5
				24	37	49	61	6
HbB	Hand loam, undulating	Hand	99	92	124	148	166	0
				63	94	118	139	1
				48	72	95	115	2
				39	58	77	96	3
				32	49	65	81	4
				28	42	56	70	5
				24	37	49	61	6
HcA	Durrstein silt loam, nearly level	Durrstein	90	50	70	85	97	0
				40	58	74	87	1
				33	50	64	77	2
				29	43	56	69	3
				25	38	50	61	4
				22	33	44	55	5
				20	30	40	50	6
HdA	Durrstein-Bon complex, nearly level	Durrstein	50	48	68	83	95	0
				39	57	72	85	1
				32	49	63	75	2
				28	42	55	68	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
HdA	Durrstein-Bon complex, nearly level	Bon	25	121	162	192	215	0
				75	113	144	171	1
				55	82	110	134	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
HeA	Durrstein-Lane silty clay loams, nearly level	Durrstein	60	48	68	83	95	0
				39	57	72	85	1
				32	49	63	75	2
				28	42	55	68	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
HeA	Durrstein-Lane silty clay loams, nearly level	Lane	40	70	96	115	130	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
Hg	Talmo gravelly loam	Talmo	100	479	617	716	791	0
				141	212	282	353	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				83	124	165	207	2
				59	88	117	146	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
HhA	Houdek loam, nearly level	Houdek	99	60	82	100	113	0
				46	67	85	100	1
				38	56	72	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
HhB	Houdek loam, undulating	Houdek	99	60	82	100	113	0
				46	67	85	100	1
				38	56	72	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
HhC	Houdek loam, rolling	Houdek	99	60	82	100	113	0
				46	67	85	100	1
				38	56	72	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
HkA	Houdek-Prosper loams, nearly level	Houdek	50	59	82	100	113	0
				46	67	85	100	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
HkA	Houdek-Prosper loams, nearly level	Prosper	35	64	89	107	121	0
				48	71	91	106	1
				39	59	76	92	2
				33	49	65	79	3
				28	42	56	70	4
				25	37	49	62	5
				22	33	44	55	6
HkB	Houdek-Prosper loams, undulating	Houdek	50	60	82	100	113	0
				46	67	85	100	1
				38	56	72	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
HkB	Houdek-Prosper loams, undulating	Prosper	35	67	92	111	125	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
HlA	Houdek-Dudley loams, nearly level	Houdek	50	60	82	100	113	0
				46	67	85	100	1
				38	56	72	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
HlA	Houdek-Dudley loams, nearly level	Dudley	35	68	93	112	127	0
				51	74	94	110	1
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
HlB	Houdek-Dudley loams, undulating	Houdek	50	60	82	100	113	0
				46	67	85	100	1
				38	56	72	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
HlB	Houdek-Dudley loams, undulating	Dudley	35	68	93	112	127	0
				51	74	94	110	1
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
HmA	Houdek-Jerauld complex, nearly level	Houdek	45	60	82	100	113	0
				46	67	85	100	1
				38	56	72	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
HmA	Houdek-Jerauld complex, nearly level	Jerauld	30	54	76	92	105	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				23	34	46	57	5
				21	31	41	52	6
HmB	Houdek-Jerauld complex, undulating	Houdek	50	60	82	100	113	0
				46	67	85	100	1
				38	56	72	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
HmB	Houdek-Jerauld complex, undulating	Jerauld	25	54	76	92	105	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
HsB	Houdek-Delmont loams, undulating	Houdek	60	60	82	100	113	0
				46	67	85	100	1
				38	56	72	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
HsB	Houdek-Delmont loams, undulating	Delmont	30	520	670	777	858	0
				144	217	289	361	1
				84	126	168	210	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
HsC	Houdek-Delmont loams, rolling	Houdek	60	60	82	100	113	0
				46	67	85	100	1
				38	56	72	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
HsC	Houdek-Delmont loams, rolling	Delmont	30	520	670	777	858	0
				144	217	289	361	1
				84	126	168	210	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
HsD	Houdek-Talmo complex, hilly	Houdek	60	60	82	100	113	0
				46	67	85	100	1
				38	56	72	87	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
HsD	Houdek-Talmo complex, hilly	Talmo	30	510	657	762	841	0
				144	215	287	359	1
				84	125	167	209	2
				59	88	118	147	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
HtD	Houdek-Ethan loams, rolling	Houdek	60	60	82	100	113	0
				46	67	85	100	1
				38	56	72	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
HtD	Houdek-Ethan loams, rolling	Ethan	30	52	72	88	100	0
				41	60	76	89	1
				34	51	66	79	2
				29	44	58	70	3
				25	38	51	62	4
				23	34	45	56	5
				20	30	41	51	6
HuD	Houdek-Ethan loams, rolling	Houdek	60	60	82	100	113	0
				46	67	85	100	1
				38	56	72	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
HuD	Houdek-Ethan loams, rolling	Ethan	30	52	72	88	100	0
				41	60	76	89	1
				34	51	66	79	2
				29	44	58	70	3
				25	38	51	62	4
				23	34	45	56	5
				20	30	41	51	6
Hv	Hoven silty clay loam	Hoven	100	75	102	123	138	0
				55	80	102	119	1
				43	64	84	101	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
HyA	Hurley-Promise silty clays, nearly level	Hurley	60	51	71	87	99	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				41	59	75	88	1
				34	51	65	78	2
				29	43	57	69	3
				25	38	50	62	4
				22	34	45	56	5
				20	30	40	50	6
HyA	Hurley-Promise silty clays, nearly level	Promise	39	85	116	138	156	0
				60	89	112	131	1
				46	69	91	110	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
LaA	Davis loam, nearly level	Davis	98	93	125	149	168	0
				63	95	119	140	1
				48	72	96	115	2
				39	58	78	96	3
				33	49	65	81	4
				28	42	56	70	5
				25	37	49	61	6
LbA	Bon silt loam, nearly level	Bon	98	121	162	192	215	0
				75	113	144	171	1
				55	82	110	134	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
LcA	Bon silt loam, nearly level	Bon	98	121	162	192	215	0
				75	113	144	171	1
				55	82	110	134	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
LdA	Davis silt loam, fans, nearly level	Davis	98	106	143	170	190	0
				69	104	131	155	1
				51	77	103	125	2
				41	61	82	102	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	63	6
LeA	Bon-Northville complex, nearly level	Bon	79	121	162	192	215	0
				75	113	144	171	1
				55	82	110	134	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				26	39	52	65	6
LeA	Bon-Northville complex, nearly level	Northville	20	94	127	152	171	0
				64	95	120	142	1
				48	73	96	116	2
				39	59	78	97	3
				33	49	65	82	4
				28	42	56	70	5
				25	37	49	62	6
LlA	Bon-Lamo silt loams, nearly level	Bon	58	121	162	192	215	0
				75	113	144	171	1
				55	82	110	134	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
LlA	Bon-Lamo silt loams, nearly level	Lamo	40	76	104	125	142	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
LmA	Lamo silty clay loam, nearly level	Lamo	98	73	99	120	135	0
				53	79	99	117	1
				42	63	82	99	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
LnB	Lane loam, gently sloping	Lane	90	72	98	118	133	0
				53	78	98	115	1
				42	63	82	99	2
				35	52	69	84	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
LoA	Lane silty clay, nearly level	Lane	99	61	85	102	116	0
				47	69	87	102	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
LpA	Lane-Jerauld silty clay loams, nearly level	Lane	69	70	96	115	130	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
LpA	Lane-Jerauld silty clay loams, nearly level	Jerauld	30	52	73	88	101	0
				41	60	77	89	1
				34	51	66	79	2
				29	44	58	71	3
				25	38	51	63	4
				23	34	45	56	5
				20	30	41	51	6
LrA	Lane-Jerauld silty clays, level	Lane	69	61	85	102	116	0
				47	69	87	102	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
LrA	Lane-Jerauld silty clays, level	Jerauld	30	51	71	87	99	0
				41	59	75	88	1
				34	51	65	78	2
				29	43	57	69	3
				25	38	50	62	4
				22	34	45	56	5
				20	30	40	50	6
LsA	Lane-Durrstein silty clay loams, nearly level	Lane	60	70	96	115	130	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
LsA	Lane-Durrstein silty clay loams, nearly level	Durrstein	40	48	68	83	95	0
				39	57	72	85	1
				32	49	63	75	2
				28	42	55	68	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
LtD	Sansarc-Opal silty clays, hilly	Sansarc	40	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
LtD	Sansarc-Opal silty clays, hilly	Opal	30	46	barrier	barrier	barrier	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				37	barrier	barrier	barrier	1
				32	barrier	barrier	barrier	2
				27	barrier	barrier	barrier	3
				24	barrier	barrier	barrier	4
				21	barrier	barrier	barrier	5
				19	barrier	barrier	barrier	6
Ma	Doger loamy sand	Doger	100	237	310	363	403	0
				108	163	217	264	1
				70	105	141	176	2
				52	78	104	130	3
				41	62	83	103	4
				34	51	68	86	5
				29	44	58	73	6
McA	Hoven silty clay loam	Hoven	100	75	102	123	138	0
				55	80	102	119	1
				43	64	84	101	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
MdA	Jerauld silt loam, nearly level	Jerauld	80	54	76	92	105	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
MeA	Jerauld-Eakin silt loam, nearly level	Jerauld	60	54	76	92	105	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
MeA	Jerauld-Eakin silt loam, nearly level	Eakin	30	70	96	115	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
MhA	Jerauld-Houdek complex, nearly level	Jerauld	50	54	76	92	105	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				21	31	41	52	6
MhA	Jerauld-Houdek complex, nearly level	Houdek	30	63	87	105	119	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
MhB	Jerauld-Houdek complex, undulating	Jerauld	50	54	76	92	105	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
MhB	Jerauld-Houdek complex, undulating	Houdek	30	63	87	105	119	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
MrA	Jerauld-Raber complex, nearly level	Jerauld	50	54	76	92	105	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
MrA	Jerauld-Raber complex, nearly level	Raber	30	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
MrB	Jerauld-Raber complex, undulating	Jerauld	50	54	76	92	105	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
MrB	Jerauld-Raber complex, undulating	Raber	30	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
MwA	Jerauld-Glenham complex, nearly level	Jerauld	50	54	76	92	105	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
MwA	Jerauld-Glenham complex, nearly level	Glenham	30	45	64	78	89	0
				37	54	68	80	1
				31	46	60	72	2
				27	40	53	65	3
				24	36	47	58	4
				21	32	42	52	5
				19	29	38	48	6
MyB	Mondamin silty clay loam, gently sloping	Mondamin	100	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
OaA	Oahe loam, nearly level	Oahe	100	465	600	696	769	0
				140	210	280	350	1
				82	123	165	206	2
				58	87	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
OaB	Oahe loam, undulating	Oahe	100	465	600	696	769	0
				140	210	280	350	1
				82	123	165	206	2
				58	87	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
OhA	Oahe-Delmont loams, nearly level	Oahe	65	465	600	696	769	0
				140	210	280	350	1
				82	123	165	206	2
				58	87	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
OhA	Oahe-Delmont loams, nearly level	Delmont	35	520	670	777	858	0
				144	217	289	361	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				84	126	168	210	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
OhB	Oahe-Delmont loams, undulating	Oahe	60	465	600	696	769	0
				140	210	280	350	1
				82	123	165	206	2
				58	87	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
OhB	Oahe-Delmont loams, undulating	Delmont	40	520	670	777	858	0
				144	217	289	361	1
				84	126	168	210	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
OrA	Promise silty clay, nearly level	Promise	99	85	116	138	156	0
				60	89	112	131	1
				46	69	91	110	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
OrB	Promise silty clay, gently sloping	Promise	100	86	117	139	157	0
				60	89	113	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
PrB	Promise silty clay, gently sloping	Promise	100	86	117	139	157	0
				60	89	113	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
PrC	Promise silty clay, sloping	Promise	100	86	117	139	157	0
				60	89	113	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
PrD	Promise silty clay, moderately steep	Promise	100	86	117	139	157	0
				60	89	113	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
RaA	Raber loam, nearly level	Raber	99	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
RaB	Raber loam, undulating	Raber	99	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
RaC	Raber loam, rolling	Raber	98	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
RcA	Raber-Cavo loams, nearly level	Raber	60	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
RcA	Raber-Cavo loams, nearly level	Cavo	30	70	96	115	130	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
RcB	Raber-Cavo loams, undulating	Raber	70	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				20	30	39	48	5
				18	27	36	44	6
RcB	Raber-Cavo loams, undulating	Cavo	20	70	96	115	130	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
ReA	Raber-Eakin complex, nearly level	Raber	60	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
ReA	Raber-Eakin complex, nearly level	Eakin	30	70	96	115	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
ReB	Raber-Eakin complex, undulating	Raber	70	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
ReB	Raber-Eakin complex, undulating	Eakin	20	70	96	115	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
ReC	Raber-Eakin complex, rolling	Raber	69	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
ReC	Raber-Eakin complex, rolling	Eakin	30	70	96	115	131	0
				52	76	97	113	1
				41	62	80	97	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
RmA	Raber-Jerauld complex, nearly level	Raber	60	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
RmA	Raber-Jerauld complex, nearly level	Jerauld	30	54	76	92	105	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
RmB	Raber-Jerauld complex, undulating	Raber	70	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
RmB	Raber-Jerauld complex, undulating	Jerauld	20	54	76	92	105	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
RpC	Raber-Peno loams, rolling	Raber	55	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
RpC	Raber-Peno loams, rolling	Peno	30	36	52	64	74	0
				31	45	57	67	1
				26	39	52	61	2
				23	35	46	56	3
				21	31	41	51	4
				19	28	38	47	5
				17	26	35	43	6
RrC	Raber-Peno loams, rolling	Raber	60	39	55	68	78	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
RrC	Raber-Peno loams, rolling	Peno	30	36	52	64	74	0
				31	45	57	67	1
				26	39	52	61	2
				23	35	46	56	3
				21	31	41	51	4
				19	28	38	47	5
				17	26	35	43	6
Rs	Talmo gravelly sandy loam	Talmo	100	361	467	543	601	0
				129	193	257	322	1
				78	117	157	196	2
				56	84	113	141	3
				44	66	88	110	4
				36	54	72	90	5
				31	46	61	76	6
Ru	Betts loam	Betts	75	59	81	98	112	0
				46	66	84	98	1
				37	56	72	86	2
				31	47	62	75	3
				27	41	54	66	4
				24	36	48	60	5
				21	32	43	53	6
Sa	Egas silty clay loam	Egas	99	66	91	110	125	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
Sm	Delmont loam	Delmont	100	520	670	777	858	0
				144	217	289	361	1
				84	126	168	210	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
So	Delmont-Oahe loams	Delmont	65	520	670	777	858	0
				144	217	289	361	1
				84	126	168	210	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				31	47	63	78	6
So	Delmont-Oahe loams	Oahe	35	465	600	696	769	0
				140	210	280	350	1
				82	123	165	206	2
				58	87	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
Sw	Delmont-Enet loams	Delmont	65	520	670	777	858	0
				144	217	289	361	1
				84	126	168	210	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
Sw	Delmont-Enet loams	Enet	35	545	701	813	897	0
				146	219	293	366	1
				84	127	169	211	2
				59	89	119	149	3
				46	69	92	114	4
				37	56	75	93	5
				31	47	63	79	6
SxA	Dimo loam, nearly level	Dimo	100	273	356	415	460	0
				115	173	231	285	1
				73	110	146	183	2
				54	80	107	134	3
				42	63	85	106	4
				35	52	70	87	5
				30	45	59	74	6
SyA	Dimo loam, nearly level	Dimo	100	273	356	415	460	0
				115	173	231	285	1
				73	110	146	183	2
				54	80	107	134	3
				42	63	85	106	4
				35	52	70	87	5
				30	45	59	74	6
Tp	Worthing silt loam, poorly drained	Worthing	100	76	104	124	140	0
				55	81	103	120	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
Tw	Tetonka silt loam	Tetonka	100	93	125	149	168	0
				63	95	119	140	1
				48	72	96	115	2
				39	58	78	96	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				33	49	65	81	4
				28	42	56	70	5
				25	37	49	61	6
WeA	Enet loam, nearly level	Enet	100	545	701	813	897	0
				146	219	293	366	1
				84	127	169	211	2
				59	89	119	149	3
				46	69	92	114	4
				37	56	75	93	5
				31	47	63	79	6
WeB	Enet loam, undulating	Enet	100	545	701	813	897	0
				146	219	293	366	1
				84	127	169	211	2
				59	89	119	149	3
				46	69	92	114	4
				37	56	75	93	5
				31	47	63	79	6
WgA	Enet-Delmont loams, nearly level	Enet	65	545	701	813	897	0
				146	219	293	366	1
				84	127	169	211	2
				59	89	119	149	3
				46	69	92	114	4
				37	56	75	93	5
				31	47	63	79	6
WgA	Enet-Delmont loams, nearly level	Delmont	35	520	670	777	858	0
				144	217	289	361	1
				84	126	168	210	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
WgB	Enet-Delmont loams, undulating	Enet	65	545	701	813	897	0
				146	219	293	366	1
				84	127	169	211	2
				59	89	119	149	3
				46	69	92	114	4
				37	56	75	93	5
				31	47	63	79	6
WgB	Enet-Delmont loams, undulating	Delmont	35	520	670	777	858	0
				144	217	289	361	1
				84	126	168	210	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
WmB	Glenham loam, undulating	Glenham	99	47	66	81	92	0
				38	55	70	83	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				32	48	62	74	2
				28	41	54	66	3
				24	36	48	59	4
				22	32	43	53	5
				20	29	39	49	6
WmC	Glenham loam, rolling	Glenham	99	47	66	81	92	0
				38	55	70	83	1
				32	48	62	74	2
				28	41	54	66	3
				24	36	48	59	4
				22	32	43	53	5
				20	29	39	49	6
WnA	Glenham-Prosper loams, nearly level	Glenham	59	47	66	81	92	0
				38	55	70	83	1
				32	48	62	74	2
				28	41	54	66	3
				24	36	48	59	4
				22	32	43	53	5
				20	29	39	49	6
WnA	Glenham-Prosper loams, nearly level	Prosper	40	67	92	111	125	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
WnB	Glenham-Prosper loams, undulating	Glenham	64	47	66	81	92	0
				38	55	70	83	1
				32	48	62	74	2
				28	41	54	66	3
				24	36	48	59	4
				22	32	43	53	5
				20	29	39	49	6
WnB	Glenham-Prosper loams, undulating	Prosper	35	67	92	111	125	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
Wo	Worthing silty clay loam, 0 to 1 percent slopes	Worthing	100	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Wp	Worthing silty clay loam, ponded, 0 to 1 percent slopes	Worthing	100	66	91	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
WpA	Glenham-Cavo loams, nearly level	Glenham	50	47	66	81	92	0
				38	55	70	83	1
				32	48	62	74	2
				28	41	54	66	3
				24	36	48	59	4
				22	32	43	53	5
				20	29	39	49	6
WpA	Glenham-Cavo loams, nearly level	Cavo	30	70	96	115	130	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
WpB	Glenham-Cavo loams, undulating	Glenham	50	47	66	81	92	0
				38	55	70	83	1
				32	48	62	74	2
				28	41	54	66	3
				24	36	48	59	4
				22	32	43	53	5
				20	29	39	49	6
WpB	Glenham-Cavo loams, undulating	Cavo	30	70	96	115	130	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
WrA	Glenham-Eakin complex, undulating	Glenham	59	47	66	81	92	0
				38	55	70	83	1
				32	48	62	74	2
				28	41	54	66	3
				24	36	48	59	4
				22	32	43	53	5
				20	29	39	49	6
WrA	Glenham-Eakin complex, undulating	Eakin	40	70	96	115	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				25	38	51	64	5
				23	34	45	56	6
WsA	Glenham-Jerauld complex, nearly level	Glenham	50	47	66	81	92	0
				38	55	70	83	1
				32	48	62	74	2
				28	41	54	66	3
				24	36	48	59	4
				22	32	43	53	5
				20	29	39	49	6
WsA	Glenham-Jerauld complex, nearly level	Jerauld	30	54	76	92	105	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
WsB	Glenham-Jerauld complex, undulating	Glenham	60	47	66	81	92	0
				38	55	70	83	1
				32	48	62	74	2
				28	41	54	66	3
				24	36	48	59	4
				22	32	43	53	5
				20	29	39	49	6
WsB	Glenham-Jerauld complex, undulating	Jerauld	20	54	76	92	105	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
WuB	Glenham-Delmont loams, undulating	Glenham	60	47	66	81	92	0
				38	55	70	83	1
				32	48	62	74	2
				28	41	54	66	3
				24	36	48	59	4
				22	32	43	53	5
				20	29	39	49	6
WuB	Glenham-Delmont loams, undulating	Delmont	30	520	670	777	858	0
				144	217	289	361	1
				84	126	168	210	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
WuC	Glenham-Delmont loams, rolling	Glenham	55	47	66	81	92	0
				38	55	70	83	1
				32	48	62	74	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				28	41	54	66	3
				24	36	48	59	4
				22	32	43	53	5
				20	29	39	49	6
WuC	Glenham-Delmont loams, rolling	Delmont	35	520	670	777	858	0
				144	217	289	361	1
				84	126	168	210	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
WuD	Glenham-Talmo loams, hilly	Glenham	55	47	66	81	92	0
				38	55	70	83	1
				32	48	62	74	2
				28	41	54	66	3
				24	36	48	59	4
				22	32	43	53	5
				20	29	39	49	6
WuD	Glenham-Talmo loams, hilly	Talmo	35	512	659	765	844	0
				144	216	288	360	1
				84	125	167	209	2
				59	88	118	147	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
WxC	Glenham-Java loams, rolling	Glenham	60	47	66	81	92	0
				38	55	70	83	1
				32	48	62	74	2
				28	41	54	66	3
				24	36	48	59	4
				22	32	43	53	5
				20	29	39	49	6
WxC	Glenham-Java loams, rolling	Java	30	64	88	106	120	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
WzC	Glenham-Java loams, rolling	Glenham	60	47	66	81	92	0
				38	55	70	83	1
				32	48	62	74	2
				28	41	54	66	3
				24	36	48	59	4
				22	32	43	53	5
				20	29	39	49	6
WzC	Glenham-Java loams, rolling	Java	35	64	88	106	120	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
ZaD	Ethan-Houdek loams, hilly	Ethan	50	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
ZaD	Ethan-Houdek loams, hilly	Houdek	30	59	82	100	113	0
				46	67	85	100	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
ZhD	Ethan-Houdek loams, hilly	Ethan	50	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
ZhD	Ethan-Houdek loams, hilly	Houdek	30	60	82	100	113	0
				46	67	85	100	1
				38	56	72	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
ZhE	Betts-Ethan loams, steep	Betts	60	59	81	98	112	0
				46	66	84	98	1
				37	56	72	86	2
				31	47	62	75	3
				27	41	54	66	4
				24	36	48	60	5
				21	32	43	53	6
ZhE	Betts-Ethan loams, steep	Ethan	35	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				21	31	42	52	6
ZmD	Peno-Raber loams, hilly	Peno	50	36	52	64	74	0
				31	45	57	67	1
				26	39	52	61	2
				23	35	46	56	3
				21	31	41	51	4
				19	28	38	47	5
				17	26	35	43	6
ZmD	Peno-Raber loams, hilly	Raber	30	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
ZmE	Gettys-Peno complex, steep	Gettys	50	37	53	65	75	0
				31	46	58	68	1
				27	40	52	62	2
				24	36	47	57	3
				21	32	42	52	4
				19	29	38	47	5
				18	26	35	43	6
ZmE	Gettys-Peno complex, steep	Peno	30	36	52	64	74	0
				31	45	57	67	1
				26	39	52	61	2
				23	35	46	56	3
				21	31	41	51	4
				19	28	38	47	5
				17	26	35	43	6
ZrD	Peno-Raber loams, hilly	Peno	50	36	52	64	74	0
				31	45	57	67	1
				26	39	52	61	2
				23	35	46	56	3
				21	31	41	51	4
				19	28	38	47	5
				17	26	35	43	6
ZrD	Peno-Raber loams, hilly	Raber	30	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
ZrE	Gettys-Peno complex, steep	Gettys	50	37	53	65	75	0
				31	46	58	68	1
				27	40	52	62	2
				24	36	47	57	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				21	32	42	52	4
				19	29	38	47	5
				18	26	35	43	6
ZrE	Gettys-Peno complex, steep	Peno	30	36	52	64	74	0
				31	45	57	67	1
				26	39	52	61	2
				23	35	46	56	3
				21	31	41	51	4
				19	28	38	47	5
				17	26	35	43	6
ZsD	Betts-Talmo loams, hilly	Betts	55	59	81	98	112	0
				46	66	84	98	1
				37	56	72	86	2
				31	47	62	75	3
				27	41	54	66	4
				24	36	48	60	5
				21	32	43	53	6
ZsD	Betts-Talmo loams, hilly	Talmo	25	512	659	765	844	0
				144	216	288	360	1
				84	125	167	209	2
				59	88	118	147	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
ZsE	Betts-talmo loams, steep	Betts	60	59	81	98	112	0
				46	66	84	98	1
				37	56	72	86	2
				31	47	62	75	3
				27	41	54	66	4
				24	36	48	60	5
				21	32	43	53	6
ZsE	Betts-talmo loams, steep	Talmo	20	512	659	765	844	0
				144	216	288	360	1
				84	125	167	209	2
				59	88	118	147	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
ZxD	Java-Glenham loams, hilly	Java	50	64	88	106	120	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
ZxD	Java-Glenham loams, hilly	Glenham	30	47	66	81	92	0
				38	55	70	83	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				32	48	62	74	2
				28	41	54	66	3
				24	36	48	59	4
				22	32	43	53	5
				20	29	39	49	6
ZxE	Betts-Java loams, steep	Betts	50	59	81	98	112	0
				46	66	84	98	1
				37	56	72	86	2
				31	47	62	75	3
				27	41	54	66	4
				24	36	48	60	5
				21	32	43	53	6
ZxE	Betts-Java loams, steep	Java	30	64	88	106	120	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
ZyD	Java-Glenham loams, hilly	Java	50	64	88	106	120	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
ZyD	Java-Glenham loams, hilly	Glenham	30	47	66	81	92	0
				38	55	70	83	1
				32	48	62	74	2
				28	41	54	66	3
				24	36	48	59	4
				22	32	43	53	5
				20	29	39	49	6
ZyE	Betts-Java loams, steep	Betts	50	61	84	102	116	0
				47	68	86	102	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
ZyE	Betts-Java loams, steep	Java	30	64	88	106	120	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	

South Dakota Lateral Effect Tables for Hanson and Hutchinson Counties

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
BeE	Betts and Ethan loams, 15 to 40 percent slopes	Betts	45	59	82	100	113	0
				46	67	85	100	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
BeE	Betts and Ethan loams, 15 to 40 percent slopes	Ethan	40	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
Bo	Bon loam	Bon	90	94	127	152	170	0
				64	95	120	142	1
				48	73	96	116	2
				39	59	78	97	3
				33	49	65	82	4
				28	42	56	70	5
				25	37	49	62	6
Ca	Chaska silt loam	Chaska	85	200	263	309	343	0
				100	150	200	239	1
				67	100	133	167	2
				50	75	100	125	3
				40	60	80	100	4
				33	50	67	83	5
				29	43	57	71	6
Cb	Chaska silt loam, channeled	Chaska	85	200	263	309	343	0
				100	150	200	239	1
				67	100	133	167	2
				50	75	100	125	3
				40	60	80	100	4
				33	50	67	83	5
				29	43	57	71	6
Cc	Clamo silty clay loam	Clamo	85	77	105	126	143	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
CdA	Clarno loam, 0 to 3 percent slopes	Clarno	85	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
CdB	Clarno loam, 3 to 6 percent slopes	Clarno	85	57	79	96	109	0
				44	65	82	96	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
CeA	Clarno-Davison loams, 0 to 2 percent slopes	Clarno	55	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
CeA	Clarno-Davison loams, 0 to 2 percent slopes	Davison	30	122	164	194	217	0
				76	114	145	172	1
				55	82	110	135	2
				43	65	86	108	3
				35	53	71	89	4
				30	45	60	75	5
				26	39	52	65	6
CeB	Clarno-Davison loams, 2 to 4 percent slopes	Clarno	60	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
CeB	Clarno-Davison loams, 2 to 4 percent slopes	Davison	25	122	164	194	217	0
				76	114	145	172	1
				55	82	110	135	2
				43	65	86	108	3
				35	53	71	89	4
				30	45	60	75	5
				26	39	52	65	6
CnC	Clarno-Ethan loams, 6 to 9 percent slopes	Clarno	60	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
CnC	Clarno-Ethan loams, 6 to 9 percent slopes	Ethan	25	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
CsA	Clarno-Stickney loams, 0 to 2 percent slopes	Clarno	60	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
CsA	Clarno-Stickney loams, 0 to 2 percent slopes	Stickney	20	64	88	106	121	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
Ct	Crossplain-Harps complex	Crossplain	45	43	61	75	86	0
				35	52	66	77	1
				30	45	58	70	2
				26	39	51	63	3
				23	35	46	56	4
				21	31	41	51	5
				19	28	38	47	6
Ct	Crossplain-Harps complex	Harps	30	48	67	82	94	0
				39	56	71	84	1
				32	49	62	75	2
				28	42	55	67	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
DaB	Davis loam, 2 to 6 percent slopes	Davis	80	88	119	142	160	0
				61	91	115	134	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
DaC	Davis loam, 6 to 9 percent slopes	Davis	85	88	119	142	160	0
				61	91	115	134	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
DbA	Davison loam, 0 to 3 percent slopes	Davison	70	77	105	126	142	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
DcB	Davison-Onita complex, 2 to 6 percent slopes	Davison	45	122	164	194	217	0
				76	114	145	172	1
				55	82	110	135	2
				43	65	86	108	3
				35	53	71	89	4
				30	45	60	75	5
				26	39	52	65	6
DcB	Davison-Onita complex, 2 to 6 percent slopes	Onita	30	91	123	147	166	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				63	93	117	138	1
				48	71	95	114	2
				38	58	77	95	3
				32	48	65	81	4
				28	42	56	69	5
				24	37	49	61	6
DeA	Delmont loam, 0 to 3 percent slopes	Delmont	85	498	642	745	822	0
				143	214	285	357	1
				83	125	167	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
DeB	Delmont loam, 3 to 6 percent slopes	Delmont	80	498	642	745	822	0
				143	214	285	357	1
				83	125	167	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
DmB	Delmont-Rock outcrop complex, 2 to 9 percent slopes	Delmont	50	498	642	745	822	0
				143	214	285	357	1
				83	125	167	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
DmB	Delmont-Rock outcrop complex, 2 to 9 percent slopes	Rock outcrop	35	263	343	401	445	0
				114	170	227	279	1
				72	109	145	181	2
				53	80	106	133	3
				42	63	84	105	4
				35	52	69	87	5
				30	44	59	74	6
DnD	Delmont-Talmo complex, 6 to 12 percent slopes	Delmont	55	498	642	745	822	0
				143	214	285	357	1
				83	125	167	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
DnD	Delmont-Talmo complex, 6 to 12 percent slopes	Talmo	25	476	614	712	787	0
				141	211	282	352	1
				83	124	165	207	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
Do	Dimo loam	Dimo	85	264	344	401	445	0
				114	171	228	280	1
				73	109	145	181	2
				53	80	106	133	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				42	63	84	105	4
				35	52	69	87	5
				30	44	59	74	6
DsA	Dudley-Stickney complex, 0 to 2 percent slopes	Dudley	40	76	103	124	140	0
				55	81	102	120	1
				43	65	84	102	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
DsA	Dudley-Stickney complex, 0 to 2 percent slopes	Stickney	35	66	91	110	125	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
Du	Durrstein silt loam	Durrstein	85	55	76	93	105	0
				43	63	79	94	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
EaC	Egan silt loam, 6 to 9 percent slopes	Egan	80	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
EbC2	Egan-Betts complex, 3 to 9 percent slopes, eroded	Egan	60	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
EbC2	Egan-Betts complex, 3 to 9 percent slopes, eroded	Betts	25	59	82	100	113	0
				46	67	85	100	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
EgB	Egan and Wentworth silt loams, 2 to 6 percent slopes	Egan	40	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				22	34	45	56	6
EgB	Egan and Wentworth silt loams, 2 to 6 percent slopes	Wentworth	40	96	130	155	174	0
				65	97	122	144	1
				49	73	98	118	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
EnA	Enet loam, 0 to 2 percent slopes	Enet	80	511	658	763	843	0
				144	216	287	359	1
				84	125	167	209	2
				59	88	118	147	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
EtB	Ethan-Betts loams, 3 to 6 percent slopes	Ethan	55	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
EtB	Ethan-Betts loams, 3 to 6 percent slopes	Betts	25	59	82	100	113	0
				46	67	85	100	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
EtC2	Ethan-Betts loams, 6 to 9 percent slopes, eroded	Ethan	50	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
EtC2	Ethan-Betts loams, 6 to 9 percent slopes, eroded	Betts	30	59	82	100	113	0
				46	67	85	100	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
EtD	Ethan-Betts loams, 9 to 15 percent slopes	Ethan	45	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
EtD	Ethan-Betts loams, 9 to 15 percent slopes	Betts	30	59	82	100	113	0
				46	67	85	100	1
				37	56	72	87	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
EuB	Ethan-Clarno loams, 2 to 6 percent slopes	Clarno	40	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
EuB	Ethan-Clarno loams, 2 to 6 percent slopes	Ethan	40	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
EuC	Ethan-Clarno loams, 6 to 9 percent slopes	Ethan	45	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
EuC	Ethan-Clarno loams, 6 to 9 percent slopes	Clarno	40	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
EwC	Ethan-Homme complex, 6 to 9 percent slopes	Ethan	50	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
EwC	Ethan-Homme complex, 6 to 9 percent slopes	Homme	30	64	88	106	121	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
Fa	Fedora fine sandy loam	Fedora	90	103	139	165	185	0
				68	102	129	152	1
				51	76	101	123	2
				40	61	81	101	3
				34	50	67	84	4
				29	43	58	72	5
				25	38	50	63	6
HaA	Hand loam, 0 to 3 percent slopes	Hand	80	87	118	141	159	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
HaB	Hand loam, 3 to 6 percent slopes	Hand	80	87	118	141	159	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
HaC	Hand loam, 6 to 9 percent slopes	Hand	85	87	118	141	159	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
HbC	Hand-Betts loams, 6 to 9 percent slopes	Hand	60	87	118	141	159	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
HbC	Hand-Betts loams, 6 to 9 percent slopes	Betts	25	59	82	100	113	0
				46	67	85	100	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
HcA	Hand-Bonilla loams, 0 to 3 percent slopes	Hand	60	87	118	141	159	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
HcA	Hand-Bonilla loams, 0 to 3 percent slopes	Bonilla	25	140	186	219	245	0
				82	124	159	189	1
				58	88	117	145	2
				45	68	90	113	3
				37	55	74	92	4
				31	47	62	78	5
				27	40	54	67	6
HdB	Hand-Davison loams, 3 to 6 percent slopes	Hand	65	124	165	196	219	0
				77	115	146	173	1
				55	83	111	136	2
				43	65	87	108	3
				36	53	71	89	4
				30	45	60	76	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				26	39	53	66	6
HdB	Hand-Davison loams, 3 to 6 percent slopes	Davison	25	77	105	126	142	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
HmA	Henkin fine sandy loam, 0 to 2 percent slopes	Henkin	85	220	288	337	374	0
				105	157	210	252	1
				69	103	138	172	2
				51	77	102	128	3
				41	61	81	102	4
				34	51	68	85	5
				29	43	58	72	6
HmB	Henkin fine sandy loam, 2 to 6 percent slopes	Henkin	90	220	288	337	374	0
				105	157	210	252	1
				69	103	138	172	2
				51	77	102	128	3
				41	61	81	102	4
				34	51	68	85	5
				29	43	58	72	6
HnB	Alwilda fine sandy loam, 0 to 6 percent slopes	Alwilda	90	118	158	188	210	0
				74	111	141	168	1
				54	81	108	132	2
				43	64	85	106	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
HoC	Homme-Ethan complex, 6 to 9 percent slopes	Homme	60	64	88	106	121	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
HoC	Homme-Ethan complex, 6 to 9 percent slopes	Ethan	25	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
HtA	Homme-Onita complex, 0 to 2 percent slopes	Homme	60	64	88	106	121	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
HtA	Homme-Onita complex, 0 to 2 percent slopes	Onita	25	91	123	147	166	0
				63	93	117	138	1
				48	71	95	114	2
				38	58	77	95	3
				32	48	65	81	4
				28	42	56	69	5
				24	37	49	61	6
HtB	Homme-Onita complex, 2 to 6 percent slopes	Homme	60	64	88	106	121	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
HtB	Homme-Onita complex, 2 to 6 percent slopes	Onita	25	91	123	147	166	0
				63	93	117	138	1
				48	71	95	114	2
				38	58	77	95	3
				32	48	65	81	4
				28	42	56	69	5
				24	37	49	61	6
Ja	James silty clay	James	80	55	77	93	106	0
				43	63	80	94	1
				35	53	69	83	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
La	Lamo silty clay loam	Lamo	80	64	89	107	121	0
				48	71	91	106	1
				39	59	76	92	2
				33	49	65	79	3
				28	42	56	70	4
				25	37	49	62	5
				22	33	44	55	6
Lm	Lamo-Wann complex, frequently flooded	Lamo	45	64	89	107	121	0
				48	71	91	106	1
				39	59	76	92	2
				33	49	65	79	3
				28	42	56	70	4
				25	37	49	62	5
				22	33	44	55	6
Lm	Lamo-Wann complex, frequently flooded	Wann	30	108	145	172	193	0
				70	105	133	157	1
				52	78	104	126	2
				41	62	82	103	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	64	6
Ma	Worthing silty clay loam, ponded	Worthing	100	67	93	112	126	0
				50	74	94	110	1
				40	60	78	95	2
				33	50	67	81	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
OaA	Onita silt loam, 0 to 3 percent slopes	Onita	80	91	123	147	166	0
				63	93	117	138	1
				48	71	95	114	2
				38	58	77	95	3
				32	48	65	81	4
				28	42	56	69	5
				24	37	49	61	6
PcA	Prosper-Clarno loams, 0 to 2 percent slopes	Prosper	50	68	93	113	127	0
				51	74	94	111	1
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
PcA	Prosper-Clarno loams, 0 to 2 percent slopes	Clarno	40	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
Pr	Prosper-Stickney complex, 0 to 2 percent slopes	Prosper	55	68	93	113	127	0
				51	74	94	111	1
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
Pr	Prosper-Stickney complex, 0 to 2 percent slopes	Stickney	30	64	88	106	121	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
Ps	Prosper and Crossplain complex	Crossplain	40	43	61	75	86	0
				35	52	66	77	1
				30	45	58	70	2
				26	39	51	63	3
				23	35	46	56	4
				21	31	41	51	5
				19	28	38	47	6
Ps	Prosper and Crossplain complex	Prosper	40	68	93	113	127	0
				51	74	94	111	1
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
ReB	Redstoe silt loam, 0 to 6 percent slopes	Redstoe	85	61	barrier	barrier	barrier	0
				47	barrier	barrier	barrier	1
				38	barrier	barrier	barrier	2
				32	barrier	barrier	barrier	3
				27	barrier	barrier	barrier	4
				24	barrier	barrier	barrier	5
				22	barrier	barrier	barrier	6
Sa	Salmo silty clay loam	Salmo	90	66	91	110	125	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
St	Arlo loam	Arlo	85	175	231	272	302	0
				93	140	184	220	1
				64	95	127	159	2
				48	72	97	121	3
				39	58	78	97	4
				33	49	65	81	5
				28	42	56	70	6
Te	Tetonka silty clay loam	Tetonka	85	80	109	131	147	0
				57	84	107	125	1
				44	67	87	106	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
Tt	Tetonka-Harps complex	Tetonka	65	80	109	131	147	0
				57	84	107	125	1
				44	67	87	106	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
Tt	Tetonka-Harps complex	Harps	25	48	67	82	94	0
				39	56	71	84	1
				32	49	62	75	2
				28	42	55	67	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
Tw	Tetonka and Whitewood silty clay loams	Tetonka	40	79	108	130	146	0
				57	84	106	125	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
Tw	Tetonka and Whitewood silty clay loams	Whitewood	40	74	101	121	137	0
				54	80	101	118	1
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				23	34	46	57	6
Wa	Wann loam	Wann	90	108	145	172	193	0
				70	105	133	157	1
				52	78	104	126	2
				41	62	82	103	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	64	6

South Dakota Lateral Effect Tables for Hughes

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
AgA	Agar silt loam, 0 to 2 percent slopes	Agar	90	125	166	197	220	0
				77	115	147	174	1
				55	83	111	136	2
				43	65	87	109	3
				36	54	71	89	4
				30	45	61	76	5
				26	39	53	66	6
AgB	Agar silt loam, 2 to 5 percent slopes	Agar	90	125	166	197	220	0
				77	115	147	174	1
				55	83	111	136	2
				43	65	87	109	3
				36	54	71	89	4
				30	45	61	76	5
				26	39	53	66	6
AkB	Agar-Eakin silt loams, 2 to 5 percent slopes	Agar	50	125	166	197	220	0
				77	115	147	174	1
				55	83	111	136	2
				43	65	87	109	3
				36	54	71	89	4
				30	45	61	76	5
				26	39	53	66	6
AkB	Agar-Eakin silt loams, 2 to 5 percent slopes	Eakin	40	88	119	142	160	0
				61	91	114	134	1
				47	70	92	112	2
				38	57	76	94	3
				32	48	64	80	4
				27	41	55	69	5
				24	36	48	60	6
As	Inavale fine sand	Inavale	75	332	431	502	555	0
				125	187	250	312	1
				77	115	154	192	2
				56	83	111	139	3
				43	65	87	109	4
				36	54	71	89	5
				30	45	61	76	6
Au	Nimbro and Wendte soils, channeled	Nimbro	49	93	126	150	169	0
				64	95	120	141	1
				48	72	96	116	2
				39	58	78	97	3
				33	49	65	81	4
				28	42	56	70	5
				25	37	49	61	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Au	Nimbro and Wendte soils, channeled	Wendte	49	79	107	128	145	0
				56	83	106	123	1
				44	66	86	105	2
				36	54	72	88	3
				31	46	61	76	4
				27	40	53	66	5
				23	35	47	59	6
Aw	Meckling-Norway loamy fine sands	Meckling	45	289	376	439	486	0
				118	177	236	294	1
				74	111	149	186	2
				54	81	108	135	3
				43	64	85	107	4
				35	53	70	88	5
				30	45	60	75	6
Aw	Meckling-Norway loamy fine sands	Norway	45	362	469	545	603	0
				129	193	258	322	1
				78	118	157	196	2
				56	84	113	141	3
				44	66	88	110	4
				36	54	72	90	5
				31	46	61	76	6
BeE	Betts loam, 15 to 40 percent slopes	Betts	80	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
Bo	Bon loam	Bon	95	109	146	174	195	0
				71	106	134	158	1
				52	78	104	127	2
				41	62	83	103	3
				34	51	69	86	4
				29	44	59	73	5
				26	38	51	64	6
CaA	Canning loam, 0 to 2 percent slopes	Canning	90	491	633	734	811	0
				142	213	284	355	1
				83	125	166	208	2
				59	88	117	147	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
CaB	Canning loam, 2 to 5 percent slopes	Canning	95	491	633	734	811	0
				142	213	284	355	1
				83	125	166	208	2
				59	88	117	147	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
CdA	Cavo-Demky silt loams, 0 to 2 percent slopes	Cavo	40	80	109	130	147	0
				57	84	107	125	1
				44	67	87	106	2
				36	54	73	89	3
				31	46	61	77	4
				27	40	53	67	5
				24	35	47	59	6
CdA	Cavo-Demky silt loams, 0 to 2 percent slopes	Demky	30	65	90	109	123	0
				49	72	92	107	1
				40	59	77	93	2
				33	50	66	80	3
				28	43	57	70	4
				25	37	50	62	5
				22	33	44	55	6
DeA	slopes	DeGrey	50	73	100	120	136	0
				54	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
DeA	slopes	Walke	30	89	121	145	163	0
				62	92	116	136	1
				47	71	94	113	2
				38	57	76	95	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
DkA	Demky-Cavo silt loams, 0 to 2 percent slopes	Demky	50	65	90	109	123	0
				49	72	92	107	1
				40	59	77	93	2
				33	50	66	80	3
				28	43	57	70	4
				25	37	50	62	5
				22	33	44	55	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
DkA	Demky-Cavo silt loams, 0 to 2 percent slopes	Cavo	30	80	109	130	147	0
				57	84	107	125	1
				44	67	87	106	2
				36	54	73	89	3
				31	46	61	77	4
				27	40	53	67	5
				24	35	47	59	6
Do	Dorna silt loam	Dorna	90	138	183	216	242	0
				82	122	157	187	1
				58	87	116	144	2
				45	67	90	112	3
				37	55	73	92	4
				31	47	62	78	5
				27	40	54	67	6
Dr	Dorna silt loam, thin solum	Dorna	90	138	183	216	242	0
				82	122	157	187	1
				58	87	116	144	2
				45	67	90	112	3
				37	55	73	92	4
				31	47	62	78	5
				27	40	54	67	6
Du	Durrstein-Egas complex	Durrstein	69	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
Du	Durrstein-Egas complex	Egas	30	71	97	117	132	0
				52	77	98	114	1
				42	62	81	98	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
ErA	Eakin-Raber silt loams, 0 to 2 percent slopes	Eakin	50	88	119	142	160	0
				61	91	114	134	1
				47	70	92	112	2
				38	57	76	94	3
				32	48	64	80	4
				27	41	55	69	5
				24	36	48	60	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
ErA	Eakin-Raber silt loams, 0 to 2 percent slopes	Raber	30	48	67	82	93	0
				38	56	71	83	1
				32	48	62	74	2
				28	42	55	67	3
				24	37	49	60	4
				22	33	43	54	5
				20	29	39	49	6
ErB	Eakin-Raber silt loams, 2 to 5 percent slopes	Eakin	55	88	119	142	160	0
				61	91	114	134	1
				47	70	92	112	2
				38	57	76	94	3
				32	48	64	80	4
				27	41	55	69	5
				24	36	48	60	6
ErB	Eakin-Raber silt loams, 2 to 5 percent slopes	Raber	35	48	67	82	93	0
				38	56	71	83	1
				32	48	62	74	2
				28	42	55	67	3
				24	37	49	60	4
				22	33	43	54	5
				20	29	39	49	6
ErC	Eakin-Raber silt loams, 5 to 9 percent slopes	Eakin	50	88	119	142	160	0
				61	91	114	134	1
				47	70	92	112	2
				38	57	76	94	3
				32	48	64	80	4
				27	41	55	69	5
				24	36	48	60	6
ErC	Eakin-Raber silt loams, 5 to 9 percent slopes	Raber	40	48	67	82	93	0
				38	56	71	83	1
				32	48	62	74	2
				28	42	55	67	3
				24	37	49	60	4
				22	33	43	54	5
				20	29	39	49	6
Fd	Fill land	Orthents	90	64	88	106	120	0
				48	71	90	105	1
				39	58	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	61	5
				22	33	44	55	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
GeE	Gettys clay loam, 15 to 40 percent slopes	Gettys	80	40	57	70	81	0
				33	49	62	73	1
				29	43	55	66	2
				25	38	49	60	3
				22	33	44	54	4
				20	30	40	49	5
				18	27	36	45	6
GhC	slopes	Glenham	60	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
GhC	slopes	Highmore	20	82	112	134	151	0
				58	86	109	128	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6
Gp	Gravel pits	Orthents	100	570	733	850	938	0
				148	222	296	370	1
				85	128	170	213	2
				60	90	119	149	3
				46	69	92	115	4
				37	56	75	93	5
				31	47	63	79	6
HeA	Highmore silt loam, 0 to 2 percent slopes	Highmore	90	82	112	134	151	0
				58	86	109	128	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6
HgA	slopes	Highmore	50	82	112	134	151	0
				58	86	109	128	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
HgA	slopes	DeGrey	25	73	100	120	136	0
				54	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
HgB	slopes	Highmore	60	82	112	134	151	0
				58	86	109	128	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6
HgB	slopes	DeGrey	20	73	100	120	136	0
				54	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
HkA	slopes	Highmore	65	82	112	134	151	0
				58	86	109	128	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6
HkA	slopes	Eakin	20	88	119	142	160	0
				61	91	114	134	1
				47	70	92	112	2
				38	57	76	94	3
				32	48	64	80	4
				27	41	55	69	5
				24	36	48	60	6
HkB	slopes	Highmore	50	82	112	134	151	0
				58	86	109	128	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
HkB	slopes	Eakin	40	88	119	142	160	0
				61	91	114	134	1
				47	70	92	112	2
				38	57	76	94	3
				32	48	64	80	4
				27	41	55	69	5
				24	36	48	60	6
HlB	slopes	Highmore	50	82	112	134	151	0
				58	86	109	128	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6
HlB	slopes	Glenham	30	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
HmA	slopes	Highmore	70	99	134	159	179	0
				66	99	125	147	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
HmA	slopes	Walke	20	89	121	145	163	0
				62	92	116	136	1
				47	71	94	113	2
				38	57	76	95	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
Hn	Hoven silt loam	Hoven	99	88	119	142	160	0
				61	91	114	134	1
				47	70	92	112	2
				38	57	76	94	3
				32	48	64	80	4
				27	41	55	69	5
				24	36	48	60	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Ho	Hoven-Onita silt loams	Hoven	55	88	119	142	160	0
				61	91	114	134	1
				47	70	92	112	2
				38	57	76	94	3
				32	48	64	80	4
				27	41	55	69	5
				24	36	48	60	6
Ho	Hoven-Onita silt loams	Onita	30	107	143	170	191	0
				70	104	132	155	1
				52	77	103	125	2
				41	62	82	103	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	64	6
JbD	Java-Betts loams, 9 to 15 percent slopes	Java	60	63	87	106	120	0
				48	70	89	105	1
				39	58	75	91	2
				32	49	65	79	3
				28	42	56	69	4
				25	37	49	61	5
				22	33	44	55	6
JbD	Java-Betts loams, 9 to 15 percent slopes	Betts	30	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
JgC	Java-Glenham loams, 2 to 9 percent slopes	Java	50	63	87	106	120	0
				48	70	89	105	1
				39	58	75	91	2
				32	49	65	79	3
				28	42	56	69	4
				25	37	49	61	5
				22	33	44	55	6
JgC	Java-Glenham loams, 2 to 9 percent slopes	Glenham	35	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
JlA	Jerauld silt loam, 0 to 2 percent slopes	Jerauld	70	65	89	107	122	0
				49	72	91	106	1
				39	59	76	92	2
				33	49	65	80	3
				28	42	56	70	4
				25	37	49	62	5
				22	33	44	55	6
LoA	Lowry silt loam, 0 to 2 percent slopes	Lowry	90	171	226	266	296	0
				92	138	181	217	1
				63	95	126	158	2
				48	72	96	120	3
				39	58	77	97	4
				32	49	65	81	5
				28	42	56	70	6
LoB	Lowry silt loam, 2 to 5 percent slopes	Lowry	85	171	226	266	296	0
				92	138	181	217	1
				63	95	126	158	2
				48	72	96	120	3
				39	58	77	97	4
				32	49	65	81	5
				28	42	56	70	6
LoC	Lowry silt loam, 5 to 9 percent slopes	Lowry	90	171	226	266	296	0
				92	138	181	217	1
				63	95	126	158	2
				48	72	96	120	3
				39	58	77	97	4
				32	49	65	81	5
				28	42	56	70	6
LuB	slopes	Lowry	60	171	226	266	296	0
				92	138	181	217	1
				63	95	126	158	2
				48	72	96	120	3
				39	58	77	97	4
				32	49	65	81	5
				28	42	56	70	6
LuB	slopes	Urbanland	30	64	88	106	121	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
LuC	slopes	Lowry	55	171	226	266	296	0
				92	138	181	217	1
				63	95	126	158	2
				48	72	96	120	3
				39	58	77	97	4
				32	49	65	81	5
				28	42	56	70	6
LuC	slopes	Urbanland	40	64	88	106	121	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
Ma	Macken silty clay	Macken	86	75	103	123	139	0
				55	80	102	119	1
				43	64	84	102	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
Mar	Marsh	Aquolls	95	66	91	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	80	3
				28	43	57	70	4
				25	37	50	62	5
				22	33	44	55	6
MbA	Millboro silty clay loam, 0 to 2 percent slopes	Millboro	85	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
MoA	Mosher silt loam, 0 to 2 percent slopes	Mosher	70	91	123	147	166	0
				63	93	118	138	1
				48	72	95	114	2
				39	58	77	96	3
				32	48	65	81	4
				28	42	56	70	5
				24	37	49	61	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Mu	Munjor fine sandy loam	Munjor	75	98	132	157	177	0
				66	98	124	146	1
				49	74	99	119	2
				40	60	79	99	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
OaC	Oahe-Orton loams, 2 to 9 percent slopes	Oahe	55	505	650	754	832	0
				143	215	286	358	1
				83	125	167	209	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
OaC	Oahe-Orton loams, 2 to 9 percent slopes	Orton	30	415	536	622	688	0
				135	202	270	337	1
				81	121	161	201	2
				57	86	115	144	3
				45	67	89	112	4
				36	55	73	91	5
				31	46	62	77	6
OcB	Oko clay loam, 2 to 5 percent slopes	Oko	85	42	60	73	84	0
				35	51	65	76	1
				30	44	57	68	2
				26	39	51	62	3
				23	34	45	56	4
				21	31	41	51	5
				19	28	37	46	6
OcC	Oko clay loam, 5 to 9 percent slopes	Oko	85	42	60	73	84	0
				35	51	65	76	1
				30	44	57	68	2
				26	39	51	62	3
				23	34	45	56	4
				21	31	41	51	5
				19	28	37	46	6
OdC	Oko-Jerauld complex, 2 to 9 percent slopes	Oko	60	42	60	73	84	0
				35	51	65	76	1
				30	44	57	68	2
				26	39	51	62	3
				23	34	45	56	4
				21	31	41	51	5
				19	28	37	46	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
OdC	Oko-Jerauld complex, 2 to 9 percent slopes	Jerauld	30	65	89	107	122	0
				49	72	91	106	1
				39	59	76	92	2
				33	49	65	80	3
				28	42	56	70	4
				25	37	49	62	5
				22	33	44	55	6
OnA	Onita silt loam, 0 to 2 percent slopes	Onita	90	107	143	170	191	0
				70	104	132	155	1
				52	77	103	125	2
				41	62	82	103	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	64	6
OoA	Onita-Hoven silt loams, 0 to 1 percent slopes	Onita	60	107	143	170	191	0
				70	104	132	155	1
				52	77	103	125	2
				41	62	82	103	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	64	6
OoA	Onita-Hoven silt loams, 0 to 1 percent slopes	Hoven	25	88	119	142	160	0
				61	91	114	134	1
				47	70	92	112	2
				38	57	76	94	3
				32	48	64	80	4
				27	41	55	69	5
				24	36	48	60	6
PeD	slopes	Peno	50	40	57	70	81	0
				34	49	62	73	1
				29	43	55	66	2
				25	38	49	60	3
				22	33	44	54	4
				20	30	40	49	5
				18	27	37	45	6
PeD	slopes	Gettys	35	40	57	70	81	0
				33	49	62	73	1
				29	43	55	66	2
				25	38	49	60	3
				22	33	44	54	4
				20	30	40	49	5
				18	27	36	45	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
PnD	slopes	Peno	50	40	57	70	81	0
				34	49	62	73	1
				29	43	55	66	2
				25	38	49	60	3
				22	33	44	54	4
				20	30	40	49	5
				18	27	37	45	6
PnD	slopes	Bullcreek	20	60	83	100	114	0
				46	67	85	100	1
				37	56	72	87	2
				32	47	63	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	54	6
PrA	Promise clay, 0 to 2 percent slopes	Promise	90	29	125	149	168	0
				25	64	113	139	1
				22	43	76	109	2
				20	32	57	82	3
				18	28	46	65	4
				17	25	38	55	5
				16	23	33	47	6
PrB	Promise clay, 2 to 5 percent slopes	Promise	90	29	125	149	168	0
				25	64	113	139	1
				22	43	76	109	2
				20	32	57	82	3
				18	28	46	65	4
				17	25	38	55	5
				16	23	33	47	6
PsA	slopes	Promise	68	29	125	149	168	0
				25	64	113	139	1
				22	43	76	109	2
				20	32	57	82	3
				18	28	46	65	4
				17	25	38	55	5
				16	23	33	47	6
PsA	slopes	Mosher	30	91	123	147	166	0
				63	93	118	138	1
				48	72	95	114	2
				39	58	77	96	3
				32	48	65	81	4
				28	42	56	70	5
				24	37	49	61	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
RaA	Raber-Cavo loams, 0 to 2 percent slopes	Raber	45	48	67	82	93	0
				38	56	71	83	1
				32	48	62	74	2
				28	42	55	67	3
				24	37	49	60	4
				22	33	43	54	5
				20	29	39	49	6
RaA	Raber-Cavo loams, 0 to 2 percent slopes	Cavo	40	67	92	111	126	0
				50	74	94	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
RaB	Raber-Cavo loams, 2 to 5 percent slopes	Raber	60	48	67	82	93	0
				38	56	71	83	1
				32	48	62	74	2
				28	42	55	67	3
				24	37	49	60	4
				22	33	43	54	5
				20	29	39	49	6
RaB	Raber-Cavo loams, 2 to 5 percent slopes	Cavo	30	67	92	111	126	0
				50	74	94	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
RbC	Raber-Peno clay loam	Raber	50	48	67	82	93	0
				38	56	71	83	1
				32	48	62	74	2
				28	42	55	67	3
				24	37	49	60	4
				22	33	43	54	5
				20	29	39	49	6
RbC	Raber-Peno clay loam	Peno	35	40	57	70	81	0
				34	49	62	73	1
				29	43	55	66	2
				25	38	49	60	3
				22	33	44	54	4
				20	30	40	49	5
				18	27	37	45	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
RdC	slopes	Oko	40	46	64	79	90	0
				37	54	69	81	1
				31	47	60	72	2
				27	41	53	65	3
				24	36	48	58	4
				21	32	43	53	5
				19	29	39	48	6
RdC	slopes	Raber	40	48	67	82	93	0
				38	56	71	83	1
				32	48	62	74	2
				28	42	55	67	3
				24	37	49	60	4
				22	33	43	54	5
				20	29	39	49	6
ReA	Ree loam, 0 to 2 percent slopes	Ree	85	145	193	227	254	0
				84	126	163	195	1
				59	89	118	148	2
				46	69	91	114	3
				37	56	74	93	4
				31	47	63	78	5
				27	41	54	68	6
ReB	Ree loam, 2 to 5 percent slopes	Ree	85	145	193	227	254	0
				84	126	163	195	1
				59	89	118	148	2
				46	69	91	114	3
				37	56	74	93	4
				31	47	63	78	5
				27	41	54	68	6
RmA	Ree-Mosher complex, 0 to 2 percent slopes	Ree	60	145	193	227	254	0
				84	126	163	195	1
				59	89	118	148	2
				46	69	91	114	3
				37	56	74	93	4
				31	47	63	78	5
				27	41	54	68	6
RmA	Ree-Mosher complex, 0 to 2 percent slopes	Mosher	25	91	123	147	166	0
				63	93	118	138	1
				48	72	95	114	2
				39	58	77	96	3
				32	48	65	81	4
				28	42	56	70	5
				24	37	49	61	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Ro	40 percent slopes	Gettys	30	40	57	70	81	0
				33	49	62	73	1
				29	43	55	66	2
				25	38	49	60	3
				22	33	44	54	4
				20	30	40	49	5
				18	27	36	45	6
Ro	40 percent slopes	Rockoutcrop	20	59	81	98	112	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	48	59	5
				21	32	42	53	6
SaE	slopes	Gettys	30	40	57	70	81	0
				33	49	62	73	1
				29	43	55	66	2
				25	38	49	60	3
				22	33	44	54	4
				20	30	40	49	5
				18	27	36	45	6
Sd	Sansarc-Shale outcrop complex	Rockoutcrop	30	59	81	98	112	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	48	59	5
				21	32	42	53	6
Sf	Schamber-Orton complex	Schamber	65	431	557	647	715	0
				137	205	273	342	1
				81	122	162	203	2
				58	87	115	144	3
				45	67	90	112	4
				37	55	73	92	5
				31	46	62	77	6
Sf	Schamber-Orton complex	Orton	25	415	536	622	688	0
				135	202	270	337	1
				81	121	161	201	2
				57	86	115	144	3
				45	67	89	112	4
				36	55	73	91	5
				31	46	62	77	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Sh	Shale land	Rockoutcrop	85	59	81	98	112	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	48	59	5
				21	32	42	53	6
SuA	Sully silt loam, 0 to 2 percent slopes	Sully	90	134	179	211	236	0
				80	121	155	184	1
				57	86	115	142	2
				45	67	89	111	3
				36	55	73	91	4
				31	46	62	77	5
				27	40	53	67	6
SuC	Sully silt loam, 2 to 9 percent slopes	Sully	90	134	179	211	236	0
				80	121	155	184	1
				57	86	115	142	2
				45	67	89	111	3
				36	55	73	91	4
				31	46	62	77	5
				27	40	53	67	6
SuD	Sully silt loam, 9 to 15 percent slopes	Sully	85	134	179	211	236	0
				80	121	155	184	1
				57	86	115	142	2
				45	67	89	111	3
				36	55	73	91	4
				31	46	62	77	5
				27	40	53	67	6
SuE	Sully silt loam, 15 to 35 percent slopes	Sully	80	134	179	211	236	0
				80	121	155	184	1
				57	86	115	142	2
				45	67	89	111	3
				36	55	73	91	4
				31	46	62	77	5
				27	40	53	67	6
SwB	Bullcreek clay, 0 to 6 percent slopes	Bullcreek	80	60	83	100	114	0
				46	67	85	100	1
				37	56	72	87	2
				32	47	63	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	54	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Sx	Bullcreek-Slickspots complex	Bullcreek	68	60	83	100	114	0
				46	67	85	100	1
				37	56	72	87	2
				32	47	63	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	54	6
***NOTE:**	The following soils have a barrier layer less than eight (8) feet and must be calculated using a different method.							
ChC	Chantier clay, 2 to 9 percent slopes	Chantier	90	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
Cu	Cut and Fill land	Orthents	60	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
Cu	Cut and Fill land	Orthents	40	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
HuB	Hurley silt loam, 0 to 6 percent slopes	Hurley	80	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
OpB	Opal clay, 2 to 5 percent slopes	Opal	90	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
OpC	Opal clay, 5 to 9 percent slopes	Opal	85	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
OrD	Opal-Lakoma clays, 9 to 15 percent slopes	Opal	50	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
OrD	Opal-Lakoma clays, 9 to 15 percent slopes	Lakoma	40	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
Ro	40 percent slopes	Lakoma	30	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
SaE	slopes	Sansarc	60	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
ScE	slopes	Lakoma	40	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
ScE	slopes	Sansarc	40	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
Sd	Sansarc-Shale outcrop complex	Sansarc	55	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
Sx	Bullcreek-Slickspots complex	Slickspots	30	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6

South Dakota Lateral Effect Tables for Hyde County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
BdA	Bend-Edwin complex, 0 to 4 percent slopes	Bend	50	120	161	190	213	0
				75	113	143	170	1
				55	82	109	134	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
BdA	Bend-Edwin complex, 0 to 4 percent slopes	Edwin	40	191	251	294	327	0
				98	147	194	232	1
				66	98	131	164	2
				49	74	99	124	3
				40	59	79	99	4
				33	50	66	83	5
				28	43	57	71	6
BkE	Betts-Java loams, 9 to 20 percent slopes	Betts	55	62	85	103	117	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
BkE	Betts-Java loams, 9 to 20 percent slopes	Java	35	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
BkF	Betts-Java loams, 20 to 40 percent slopes	Betts	55	62	85	103	117	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
BkF	Betts-Java loams, 20 to 40 percent slopes	Java	35	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Bn	Bon loam, channeled	Bon	90	96	130	155	174	0
				65	97	122	144	1
				49	73	98	118	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
BuA	Bullcreek clay, 0 to 6 percent slopes	Bullcreek	95	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
CcA	Capa-Carter silt loams, 0 to 4 percent slopes	Capa	55	70	97	116	131	0
				52	76	97	113	1
				41	62	81	98	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
CcA	Capa-Carter silt loams, 0 to 4 percent slopes	Carter	35	92	124	148	167	0
				63	94	118	139	1
				48	72	95	115	2
				39	58	77	96	3
				32	49	65	81	4
				28	42	56	70	5
				24	37	49	61	6
ClA	Capa-Slickspots complex, 0 to 4 percent slopes	Capa	60	70	97	116	131	0
				52	76	97	113	1
				41	62	81	98	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
ClA	Capa-Slickspots complex, 0 to 4 percent slopes	Slickspots	30	46	54	barrier	barrier	0
				37	50	barrier	barrier	1
				32	47	barrier	barrier	2
				27	41	barrier	barrier	3
				24	36	barrier	barrier	4
				21	32	barrier	barrier	5
				19	29	barrier	barrier	6
CpA	Carter-Promise complex, 0 to 3 percent slopes	Carter	50	92	124	148	167	0
				63	94	118	139	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				48	72	95	115	2
				39	58	77	96	3
				32	49	65	81	4
				28	42	56	70	5
				24	37	49	61	6
CpA	Carter-Promise complex, 0 to 3 percent slopes	Promise	40	74	102	122	138	0
				54	80	102	118	1
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	34	46	57	6
CrA	Cavo-Jerauld loams, 0 to 4 percent slopes	Cavo	55	66	91	110	125	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
CrA	Cavo-Jerauld loams, 0 to 4 percent slopes	Jerauld	35	59	81	99	112	0
				46	66	84	99	1
				37	56	72	86	2
				31	47	62	75	3
				27	41	54	66	4
				24	36	48	60	5
				21	32	43	53	6
Cs	Cavo-Stickney loams	Cavo	55	66	91	110	125	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
Cs	Cavo-Stickney loams	Stickney	35	58	80	97	111	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
Df	DeGrey-Walke silt loams	DeGrey	55	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				26	39	52	66	5
				23	35	46	58	6
Df	DeGrey-Walke silt loams	Walke	35	82	112	134	151	0
				58	86	109	128	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6
DnB	Delmont-Oahe loams, 2 to 6 percent slopes	Delmont	60	531	683	792	875	0
				145	218	291	363	1
				84	126	168	210	2
				59	89	118	148	3
				46	69	91	114	4
				37	56	74	93	5
				31	47	63	78	6
DnB	Delmont-Oahe loams, 2 to 6 percent slopes	Oahe	30	455	586	681	752	0
				139	208	278	347	1
				82	123	164	205	2
				58	87	116	145	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
Du	Durrstein-Egas complex	Durrstein	55	70	96	115	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
Du	Durrstein-Egas complex	Egas	35	70	96	115	130	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
EpC	Eakin-Peno complex, 6 to 9 percent slopes	Eakin	65	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
EpC	Eakin-Peno complex, 6 to 9 percent slopes	Peno	25	40	57	70	80	0
				33	49	62	73	1
				29	43	55	66	2
				25	38	49	60	3
				22	33	44	54	4
				20	30	40	49	5
				18	27	36	45	6
ErA	Eakin-Raber complex, 0 to 2 percent slopes	Eakin	65	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
ErA	Eakin-Raber complex, 0 to 2 percent slopes	Raber	25	46	65	79	90	0
				37	55	69	81	1
				32	47	61	73	2
				27	41	54	65	3
				24	36	48	59	4
				21	32	43	53	5
				19	29	39	48	6
ErB	Eakin-Raber complex, 2 to 6 percent slopes	Eakin	55	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
ErB	Eakin-Raber complex, 2 to 6 percent slopes	Raber	35	46	65	79	90	0
				37	55	69	81	1
				32	47	61	73	2
				27	41	54	65	3
				24	36	48	59	4
				21	32	43	53	5
				19	29	39	48	6
GfF	Gettys-Sansarc complex, 9 to 40 percent slopes	Gettys	50	39	56	68	79	0
				33	48	61	71	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
GfF	Gettys-Sansarc complex, 9 to 40 percent slopes	Sansarc	40	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
GmB	Glenham-Java loams, 2 to 6 percent slopes	Glenham	60	44	62	76	87	0
				36	53	67	78	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
GmB	Glenham-Java loams, 2 to 6 percent slopes	Java	30	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
GnA	Glenham-Java-Cavo loams, 0 to 4 percent slopes	Glenham	40	44	62	76	87	0
				36	53	67	78	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
GnA	Glenham-Java-Cavo loams, 0 to 4 percent slopes	Java	30	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
GnA	Glenham-Java-Cavo loams, 0 to 4 percent slopes	Cavo	20	66	91	110	125	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
GrA	Glenham-Prosper loams, 0 to 2 percent slopes	Glenham	55	44	62	76	87	0
				36	53	67	78	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
GrA	Glenham-Prosper loams, 0 to 2 percent slopes	Prosper	35	73	99	119	135	0
				53	79	99	116	1
				42	63	82	99	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
GrB	Glenham-Prosper loams, 2 to 6 percent slopes	Glenham	60	44	62	76	87	0
				36	53	67	78	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
GrB	Glenham-Prosper loams, 2 to 6 percent slopes	Prosper	30	74	102	122	138	0
				54	80	102	118	1
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	34	46	57	6
GsA	Glenham-Prosper-Hoven complex, 0 to 4 percent slopes	Glenham	40	44	62	76	87	0
				36	53	67	78	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
GsA	Glenham-Prosper-Hoven complex, 0 to 4 percent slopes	Prosper	25	73	99	119	135	0
				53	79	99	116	1
				42	63	82	99	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
GsA	Glenham-Prosper-Hoven complex, 0 to 4 percent slopes	Hoven	20	67	92	111	126	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
GtB	Glenham-Prosper-Java loams, 1 to 6 percent slopes	Glenham	40	44	62	76	87	0
				36	53	67	78	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
GtB	Glenham-Prosper-Java loams, 1 to 6 percent slopes	Prosper	25	74	102	122	138	0
				54	80	102	118	1
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	34	46	57	6
GtB	Glenham-Prosper-Java loams, 1 to 6 percent slopes	Java	20	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
GuA	Glenham-Stickney-Hoven complex, 0 to 4 percent slopes	Glenham	35	44	62	76	87	0
				36	53	67	78	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
GuA	Glenham-Stickney-Hoven complex, 0 to 4 percent slopes	Stickney	30	58	80	97	111	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
GuA	Glenham-Stickney-Hoven complex, 0 to 4 percent slopes	Hoven	25	67	92	111	126	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
HaA	Henkin-Blendon fine sandy loams, 0 to 4 percent slopes	Henkin	55	166	219	258	287	0
				91	136	178	212	1
				62	94	125	156	2
				48	71	95	119	3
				38	58	77	96	4
				32	48	64	81	5
				28	42	56	69	6
HaA	Henkin-Blendon fine sandy loams, 0 to 4 percent slopes	Blendon	35	187	246	289	321	0
				97	145	192	229	1
				65	98	130	163	2
				49	74	98	123	3
				39	59	79	99	4
				33	49	66	82	5
				28	42	57	71	6
HdA	Highmore-DeGrey silt loams, 0 to 2 percent slopes	Highmore	50	78	107	128	145	0
				56	83	105	123	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
HdA	Highmore-DeGrey silt loams, 0 to 2 percent slopes	DeGrey	40	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
HdB	Highmore-DeGrey silt loams, 2 to 6 percent slopes	Highmore	55	78	107	128	145	0
				56	83	105	123	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
HdB	Highmore-DeGrey silt loams, 2 to 6 percent slopes	DeGrey	35	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
HeA	Highmore-Eakin silt loams, 0 to 2 percent slopes	Highmore	65	78	107	128	145	0
				56	83	105	123	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
HeA	Highmore-Eakin silt loams, 0 to 2 percent slopes	Eakin	25	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
HeB	Highmore-Eakin silt loams, 2 to 6 percent slopes	Highmore	55	78	107	128	145	0
				56	83	105	123	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
HeB	Highmore-Eakin silt loams, 2 to 6 percent slopes	Eakin	35	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
Ho	Hoven silt loam	Hoven	95	67	92	111	126	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
HuB	Hurley silt loam, 0 to 6 percent slopes	Hurley	85	35	barrier	barrier	barrier	0
				30	barrier	barrier	barrier	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				26	barrier	barrier	barrier	2
				23	barrier	barrier	barrier	3
				21	barrier	barrier	barrier	4
				19	barrier	barrier	barrier	5
				17	barrier	barrier	barrier	6
JaC	Java, stony-Glenham-Prosper loams, 1 to 9 percent slopes	Java	40	68	94	113	128	0
				51	75	95	111	1
				40	61	79	96	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
JaC	Java, stony-Glenham-Prosper loams, 1 to 9 percent slopes	Glenham	30	44	62	76	87	0
				36	53	67	78	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
JaC	Java, stony-Glenham-Prosper loams, 1 to 9 percent slopes	Prosper	20	74	102	122	138	0
				54	80	102	118	1
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	34	46	57	6
JbD	Java-Betts loams, 6 to 15 percent slopes	Java	60	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
JbD	Java-Betts loams, 6 to 15 percent slopes	Betts	30	62	85	103	117	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
JcD	Java-Betts, stony, loams, 6 to 25 percent slopes	Java	55	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
JcD	Java-Betts, stony, loams, 6 to 25 percent slopes	Betts	35	62	85	103	117	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
JgB	Java-Glenham loams, 2 to 6 percent slopes	Java	50	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
JgB	Java-Glenham loams, 2 to 6 percent slopes	Glenham	40	44	62	76	87	0
				36	53	67	78	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
JgC	Java-Glenham loams, 6 to 9 percent slopes	Java	55	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
JgC	Java-Glenham loams, 6 to 9 percent slopes	Glenham	35	44	62	76	87	0
				36	53	67	78	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
JhC	Java-Glenham-Prosper loams, 1 to 9 percent slopes	Java	40	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				24	36	47	59	5
				21	32	42	53	6
JhC	Java-Glenham-Prosper loams, 1 to 9 percent slopes	Glenham	30	44	62	76	87	0
				36	53	67	78	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
JhC	Java-Glenham-Prosper loams, 1 to 9 percent slopes	Prosper	20	74	102	122	138	0
				54	80	102	118	1
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	34	46	57	6
JsA	Jerauld-Slickspots complex, 0 to 4 percent slopes	Jerauld	70	59	81	99	112	0
				46	66	84	99	1
				37	56	72	86	2
				31	47	62	75	3
				27	41	54	66	4
				24	36	48	60	5
				21	32	43	53	6
JsA	Jerauld-Slickspots complex, 0 to 4 percent slopes	Slickspots	20	46	54	barrier	barrier	0
				37	50	barrier	barrier	1
				32	47	barrier	barrier	2
				27	41	barrier	barrier	3
				24	36	barrier	barrier	4
				21	32	barrier	barrier	5
				19	29	barrier	barrier	6
Ko	Kolls clay	Kolls	95	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
Lc	Lawet loam	Lawet	95	99	134	159	179	0
				66	99	125	147	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Ma	Macken silty clay loam	Macken	95	83	112	134	151	0
				59	87	109	128	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
Mb	Macken silty clay loam, ponded	Macken	95	64	88	106	120	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
OaA	Oahe loam, 0 to 2 percent slopes	Oahe	90	455	586	681	752	0
				139	208	278	347	1
				82	123	164	205	2
				58	87	116	145	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
OdA	Oahe-Delmont loams, 0 to 2 percent slopes	Oahe	65	455	586	681	752	0
				139	208	278	347	1
				82	123	164	205	2
				58	87	116	145	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
OdA	Oahe-Delmont loams, 0 to 2 percent slopes	Delmont	25	531	683	792	875	0
				145	218	291	363	1
				84	126	168	210	2
				59	89	118	148	3
				46	69	91	114	4
				37	56	74	93	5
				31	47	63	78	6
OkB	Oko clay loam, 2 to 6 percent slopes	Oko	90	33	40	barrier	barrier	0
				28	37	barrier	barrier	1
				25	35	barrier	barrier	2
				22	33	barrier	barrier	3
				20	30	barrier	barrier	4
				18	27	barrier	barrier	5
				17	25	barrier	barrier	6
OkC	Oko clay loam, 6 to 9 percent slopes	Oko	90	33	40	barrier	barrier	0
				28	37	barrier	barrier	1
				25	35	barrier	barrier	2
				22	33	barrier	barrier	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				20	30	barrier	barrier	4
				18	27	barrier	barrier	5
				17	25	barrier	barrier	6
OkD	Oko clay loam, 9 to 20 percent slopes	Oko	90	33	40	barrier	barrier	0
				28	37	barrier	barrier	1
				25	35	barrier	barrier	2
				22	33	barrier	barrier	3
				20	30	barrier	barrier	4
				18	27	barrier	barrier	5
				17	25	barrier	barrier	6
OnA	Onita silt loam, 0 to 2 percent slopes	Onita	90	107	144	171	192	0
				70	105	132	156	1
				52	78	103	125	2
				41	62	82	103	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	64	6
Os	Onita-Hoven silt loams	Onita	50	107	144	171	192	0
				70	105	132	156	1
				52	78	103	125	2
				41	62	82	103	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	64	6
Os	Onita-Hoven silt loams	Hoven	40	67	92	111	126	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
OtB	Opal clay, 2 to 6 percent slopes	Opal	90	38	barrier	barrier	barrier	0
				32	barrier	barrier	barrier	1
				28	barrier	barrier	barrier	2
				24	barrier	barrier	barrier	3
				22	barrier	barrier	barrier	4
				19	barrier	barrier	barrier	5
				18	barrier	barrier	barrier	6
OtC	Opal clay, 6 to 9 percent slopes	Opal	90	38	barrier	barrier	barrier	0
				32	barrier	barrier	barrier	1
				28	barrier	barrier	barrier	2
				24	barrier	barrier	barrier	3
				22	barrier	barrier	barrier	4
				19	barrier	barrier	barrier	5
				18	barrier	barrier	barrier	6
OuD	Opal-Sansarc clays, 9 to 20 percent slopes	Opal	50	38	barrier	barrier	barrier	0
				32	barrier	barrier	barrier	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				28	barrier	barrier	barrier	2
				24	barrier	barrier	barrier	3
				22	barrier	barrier	barrier	4
				19	barrier	barrier	barrier	5
				18	barrier	barrier	barrier	6
OuD	Opal-Sansarc clays, 9 to 20 percent slopes	Sansarc	40	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
OxD	Orton-Talmo loams, 9 to 25 percent slopes	Orton	50	495	637	739	816	0
				142	214	285	356	1
				83	125	166	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
OxD	Orton-Talmo loams, 9 to 25 percent slopes	Talmo	40	496	639	742	819	0
				143	214	285	356	1
				83	125	166	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
PgD	Peno-Gettys complex, 9 to 25 percent slopes	Peno	60	40	57	70	80	0
				33	49	62	73	1
				29	43	55	66	2
				25	38	49	60	3
				22	33	44	54	4
				20	30	40	49	5
				18	27	36	45	6
PgD	Peno-Gettys complex, 9 to 25 percent slopes	Gettys	30	39	56	68	79	0
				33	48	61	71	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6
Pk	Plankinton silt loam	Plankinton	95	86	117	140	157	0
				60	89	113	133	1
				46	69	91	110	2
				38	56	75	93	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
PrA	Promise silty clay, 0 to 2 percent slopes	Promise	95	74	102	122	138	0
				54	80	102	118	1
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	34	46	57	6
PrB	Promise silty clay, 2 to 6 percent slopes	Promise	95	70	97	116	132	0
				52	76	97	113	1
				41	62	81	98	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
Ps	Prosper loam	Prosper	95	73	99	119	135	0
				53	79	99	116	1
				42	63	82	99	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
RaA	Raber loam, 0 to 2 percent slopes	Raber	90	46	65	79	90	0
				37	55	69	81	1
				32	47	61	73	2
				27	41	54	65	3
				24	36	48	59	4
				21	32	43	53	5
				19	29	39	48	6
RaB	Raber loam, 2 to 6 percent slopes	Raber	90	46	65	79	90	0
				37	55	69	81	1
				32	47	61	73	2
				27	41	54	65	3
				24	36	48	59	4
				21	32	43	53	5
				19	29	39	48	6
RcA	Raber-Cavo loams, 0 to 2 percent slopes	Raber	50	46	65	79	90	0
				37	55	69	81	1
				32	47	61	73	2
				27	41	54	65	3
				24	36	48	59	4
				21	32	43	53	5
				19	29	39	48	6
RcA	Raber-Cavo loams, 0 to 2 percent slopes	Cavo	40	66	91	110	125	0
				50	73	92	108	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
RcB	Raber-Cavo loams, 2 to 6 percent slopes	Raber	55	46	65	79	90	0
				37	55	69	81	1
				32	47	61	73	2
				27	41	54	65	3
				24	36	48	59	4
				21	32	43	53	5
				19	29	39	48	6
RcB	Raber-Cavo loams, 2 to 6 percent slopes	Cavo	35	66	91	110	125	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
RpB	Raber-Peno loams, 2 to 6 percent slopes	Raber	60	46	65	79	90	0
				37	55	69	81	1
				32	47	61	73	2
				27	41	54	65	3
				24	36	48	59	4
				21	32	43	53	5
				19	29	39	48	6
RpB	Raber-Peno loams, 2 to 6 percent slopes	Peno	30	40	57	70	80	0
				33	49	62	73	1
				29	43	55	66	2
				25	38	49	60	3
				22	33	44	54	4
				20	30	40	49	5
				18	27	36	45	6
RpC	Raber-Peno loams, 6 to 9 percent slopes	Raber	55	46	65	79	90	0
				37	55	69	81	1
				32	47	61	73	2
				27	41	54	65	3
				24	36	48	59	4
				21	32	43	53	5
				19	29	39	48	6
RpC	Raber-Peno loams, 6 to 9 percent slopes	Peno	35	40	57	70	80	0
				33	49	62	73	1
				29	43	55	66	2
				25	38	49	60	3
				22	33	44	54	4
				20	30	40	49	5
				18	27	36	45	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
RrA	Ree loam, 0 to 2 percent slopes	Ree	95	134	179	211	236	0
				80	120	154	184	1
				57	86	115	142	2
				45	67	89	111	3
				36	55	73	91	4
				31	46	62	77	5
				27	40	53	67	6
RsF	Rock outcrop-Sansarc complex, 15 to 40 percent slopes	Sansarc	25	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
SbF	Sansarc-Opal clays, 15 to 40 percent slopes	Sansarc	65	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
SbF	Sansarc-Opal clays, 15 to 40 percent slopes	Opal	25	38	barrier	barrier	barrier	0
				32	barrier	barrier	barrier	1
				28	barrier	barrier	barrier	2
				24	barrier	barrier	barrier	3
				22	barrier	barrier	barrier	4
				19	barrier	barrier	barrier	5
				18	barrier	barrier	barrier	6
StA	Stickney-Java loams, 0 to 4 percent slopes	Stickney	55	58	80	97	111	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
StA	Stickney-Java loams, 0 to 4 percent slopes	Java	35	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
SvA	Stickney-Java-Hoven complex, 0 to 4 percent slopes	Stickney	35	58	80	97	111	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
SvA	Stickney-Java-Hoven complex, 0 to 4 percent slopes	Java	30	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
SvA	Stickney-Java-Hoven complex, 0 to 4 percent slopes	Hoven	20	67	92	111	126	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
TaE	Talmo loam, 9 to 25 percent slopes	Talmo	90	496	639	742	819	0
				143	214	285	356	1
				83	125	166	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
TbA	Talmo sandy loam, 0 to 3 percent slopes	Talmo	90	379	491	570	631	0
				131	196	262	327	1
				79	119	158	198	2
				57	85	113	142	3
				44	66	88	110	4
				36	54	72	90	5
				31	46	61	77	6
TcF	Talmo, stony-Java loams, 9 to 40 percent slopes	Talmo	65	496	639	742	819	0
				143	214	285	356	1
				83	125	166	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
TcF	Talmo, stony-Java loams, 9 to 40 percent slopes	Java	25	56	78	94	108	0
				44	64	81	95	1
				36	54	69	83	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
TdD	Talmo-Delmont loams, 3 to 15 percent slopes	Talmo	60	496	639	742	819	0
				143	214	285	356	1
				83	125	166	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
TdD	Talmo-Delmont loams, 3 to 15 percent slopes	Delmont	30	531	683	792	875	0
				145	218	291	363	1
				84	126	168	210	2
				59	89	118	148	3
				46	69	91	114	4
				37	56	74	93	5
				31	47	63	78	6
Te	Tetonka silt loam	Tetonka	95	87	118	141	158	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
Wd	Wendte silty clay, channeled	Wendte	90	77	105	126	142	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6

South Dakota Lateral Effect Tables for Jerauld County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Ad	Alwilda loam	Alwilda	90	181	238	280	312	0
				95	143	188	224	1
				64	97	129	161	2
				49	73	97	122	3
				39	59	78	98	4
				33	49	66	82	5
				28	42	56	70	6
Af	Arlo loam	Arlo	90	175	230	270	301	0
				93	140	184	219	1
				64	95	127	159	2
				48	72	97	121	3
				39	58	78	97	4
				33	49	65	81	5
				28	42	56	70	6
Ar	Artesian silty clay	Artesian	85	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
At	Artesian-Bullcreek complex	Artesian	50	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
At	Artesian-Bullcreek complex	Bullcreek	40	56	77	94	107	0
				44	64	80	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
Av	Artesian-Durrstein variant complex	Artesian	60	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
Av	Artesian-Durrstein variant complex	Durrstein	30	64	88	107	121	0
				48	71	90	106	1
				39	59	76	91	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
Ba	Baltic silty clay	Baltic	85	57	80	97	110	0
				44	65	83	97	1
				36	54	71	85	2
				31	46	61	75	3
				27	40	53	66	4
				24	35	47	59	5
				21	32	42	53	6
BdA	Beadle loam, 0 to 2 percent slopes	Beadle	85	45	63	77	88	0
				37	53	68	79	1
				31	46	60	71	2
				27	40	53	64	3
				24	36	47	58	4
				21	32	42	52	5
				19	29	38	48	6
BdB	Beadle loam, 2 to 6 percent slopes	Beadle	85	45	63	77	88	0
				37	53	68	79	1
				31	46	60	71	2
				27	40	53	64	3
				24	36	47	58	4
				21	32	42	52	5
				19	29	38	48	6
BgB	Beadle-Jerauld-Dudley complex, 1 to 5 percent slopes	Beadle	45	45	63	77	88	0
				37	53	68	79	1
				31	46	60	71	2
				27	40	53	64	3
				24	36	47	58	4
				21	32	42	52	5
				19	29	38	48	6
BgB	Beadle-Jerauld-Dudley complex, 1 to 5 percent slopes	Jerauld	30	57	79	95	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
BgB	Beadle-Jerauld-Dudley complex, 1 to 5 percent slopes	Dudley	15	67	92	110	125	0
				50	74	93	108	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				22	33	45	56	6
BlB	Beadle-Lane complex, 1 to 5 percent slopes	Beadle	45	45	63	77	88	0
				37	53	68	79	1
				31	46	60	71	2
				27	40	53	64	3
				24	36	47	58	4
				21	32	42	52	5
				19	29	38	48	6
BlB	Beadle-Lane complex, 1 to 5 percent slopes	Lane	45	69	94	113	128	0
				51	75	95	111	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
BmD	Betts-Ethan loams, 6 to 40 percent slopes, stony	Betts	45	52	73	89	101	0
				41	60	77	90	1
				34	51	66	80	2
				29	44	58	71	3
				25	38	51	63	4
				23	34	45	56	5
				20	30	41	51	6
BmD	Betts-Ethan loams, 6 to 40 percent slopes, stony	Ethan	35	53	74	90	102	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
BoE	Betts-Ethan loams, 15 to 40 percent slopes	Betts	55	52	73	89	101	0
				41	60	77	90	1
				34	51	66	80	2
				29	44	58	71	3
				25	38	51	63	4
				23	34	45	56	5
				20	30	41	51	6
BoE	Betts-Ethan loams, 15 to 40 percent slopes	Ethan	35	56	77	94	107	0
				44	64	80	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Br	Bon loam	Bon	85	95	128	153	172	0
				64	96	121	142	1
				49	73	97	117	2
				39	59	78	97	3
				33	49	66	82	4
				28	42	56	70	5
				25	37	49	62	6
Bv	Bon loam, channeled	Bon	90	105	141	167	188	0
				69	103	130	153	1
				51	77	102	124	2
				41	61	82	102	3
				34	51	68	85	4
				29	43	58	72	5
				25	38	51	63	6
CdB	Canning-Delmont loams, 2 to 6 percent slopes	Canning	50	454	586	680	751	0
				139	208	278	347	1
				82	123	164	205	2
				58	87	116	145	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
CdB	Canning-Delmont loams, 2 to 6 percent slopes	Delmont	40	520	670	777	858	0
				144	217	289	361	1
				84	126	168	210	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
Cm	Clamo silty clay loam	Clamo	90	98	132	157	177	0
				66	99	124	146	1
				49	74	99	119	2
				40	60	79	99	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
CpB	Clarno-Ethan-Prosper loams, 1 to 5 percent slopes	Clarno	50	60	83	100	114	0
				46	67	85	100	1
				38	56	73	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
CpB	Clarno-Ethan-Prosper loams, 1 to 5 percent slopes	Ethan	25	56	77	94	107	0
				44	64	80	95	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
CpB	Clarno-Ethan-Prosper loams, 1 to 5 percent slopes	Prosper	15	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
CpC	Clarno-Ethan-Prosper loams, 2 to 9 percent slopes	Clarno	50	60	83	100	114	0
				46	67	85	100	1
				38	56	73	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
CpC	Clarno-Ethan-Prosper loams, 2 to 9 percent slopes	Ethan	25	56	77	94	107	0
				44	64	80	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
CpC	Clarno-Ethan-Prosper loams, 2 to 9 percent slopes	Prosper	15	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
CrA	Clarno-Prosper loams, 0 to 2 percent slopes	Clarno	60	60	83	100	114	0
				46	67	85	100	1
				38	56	73	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
CrA	Clarno-Prosper loams, 0 to 2 percent slopes	Prosper	30	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
DaA	Davis loam, 0 to 2 percent slopes	Davis	90	86	117	140	157	0
				60	89	113	133	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
DaB	Davis loam, 2 to 9 percent slopes	Davis	90	86	117	140	157	0
				60	89	113	133	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
Dc	Davison loam	Davison	85	125	167	197	221	0
				77	115	147	175	1
				56	83	111	136	2
				43	65	87	109	3
				36	54	71	89	4
				30	45	61	76	5
				26	39	53	66	6
DeC	Delmont loam, 6 to 9 percent slopes	Delmont	85	520	670	777	858	0
				144	217	289	361	1
				84	126	168	210	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
DgA	Delmont-Enet loams, 0 to 2 percent slopes	Delmont	70	520	670	777	858	0
				144	217	289	361	1
				84	126	168	210	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
DgA	Delmont-Enet loams, 0 to 2 percent slopes	Enet	25	540	695	806	889	0
				146	219	292	365	1
				84	127	169	211	2
				59	89	119	148	3
				46	69	92	114	4
				37	56	74	93	5
				31	47	63	78	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
DkD	Delmont-Ethan loams, 9 to 20 percent slopes	Delmont	60	520	670	777	858	0
				144	217	289	361	1
				84	126	168	210	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
DkD	Delmont-Ethan loams, 9 to 20 percent slopes	Ethan	30	56	77	94	107	0
				44	64	80	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
DmD	Delmont-Talmo loams, 9 to 20 percent slopes	Delmont	50	520	670	777	858	0
				144	217	289	361	1
				84	126	168	210	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
DmD	Delmont-Talmo loams, 9 to 20 percent slopes	Talmo	40	480	619	718	793	0
				141	212	282	353	1
				83	124	166	207	2
				59	88	117	146	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
DpA	Dudley-Jerauld complex, 0 to 3 percent slopes	Dudley	45	67	92	110	125	0
				50	74	93	108	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
DpA	Dudley-Jerauld complex, 0 to 3 percent slopes	Jerauld	40	57	79	95	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
Du	Durrstein silt loam	Durrstein	90	50	70	86	98	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				40	58	74	88	1
				33	50	64	77	2
				29	43	56	69	3
				25	38	50	61	4
				22	33	44	55	5
				20	30	40	50	6
Dx	Durrstein-Egas complex	Durrstein	55	50	70	86	98	0
				40	58	74	88	1
				33	50	64	77	2
				29	43	56	69	3
				25	38	50	61	4
				22	33	44	55	5
				20	30	40	50	6
Dx	Durrstein-Egas complex	Egas	30	63	86	104	118	0
				48	70	88	103	1
				39	58	75	90	2
				32	49	64	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
Dz	Durrstein variant-Artesian complex	Durrstein	55	64	88	107	121	0
				48	71	90	106	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
Dz	Durrstein variant-Artesian complex	Artesian	35	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
EaB	Eakin-Ethan-Onita complex, 2 to 6 percent slopes	Eakin	45	86	117	140	158	0
				60	89	113	133	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
EaB	Eakin-Ethan-Onita complex, 2 to 6 percent slopes	Ethan	25	56	77	94	107	0
				44	64	80	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				23	35	47	58	5
				21	31	42	52	6
EaB	Eakin-Ethan-Onita complex, 2 to 6 percent slopes	Onita	15	99	133	158	178	0
				66	99	125	146	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
EnA	Enet loam, 0 to 2 percent slopes	Enet	90	540	695	806	889	0
				146	219	292	365	1
				84	127	169	211	2
				59	89	119	148	3
				46	69	92	114	4
				37	56	74	93	5
				31	47	63	78	6
EpB	Enet-Delmont loams, 2 to 6 percent slopes	Enet	55	540	695	806	889	0
				146	219	292	365	1
				84	127	169	211	2
				59	89	119	148	3
				46	69	92	114	4
				37	56	74	93	5
				31	47	63	78	6
EpB	Enet-Delmont loams, 2 to 6 percent slopes	Delmont	30	520	670	777	858	0
				144	217	289	361	1
				84	126	168	210	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
EtD	Ethan-Betts loams, 9 to 20 percent slopes	Ethan	50	56	77	94	107	0
				44	64	80	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
EtD	Ethan-Betts loams, 9 to 20 percent slopes	Betts	30	52	73	89	101	0
				41	60	77	90	1
				34	51	66	80	2
				29	44	58	71	3
				25	38	51	63	4
				23	34	45	56	5
				20	30	41	51	6
Fa	Farmsworth-Artesian complex	Farmsworth	55	98	132	157	176	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				66	99	124	146	1
				49	74	99	119	2
				40	60	79	99	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
Fa	Farmsworth-Artesian complex	Artesian	40	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
Fd	Farmsworth-Lane complex	Farmsworth	50	98	132	157	176	0
				66	99	124	146	1
				49	74	99	119	2
				40	60	79	99	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
Fd	Farmsworth-Lane complex	Lane	40	69	94	113	128	0
				51	75	95	111	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
Fe	Fedora loam	Fedora	85	206	270	317	352	0
				101	152	203	243	1
				67	101	135	168	2
				50	76	101	126	3
				40	60	80	101	4
				33	50	67	84	5
				29	43	57	72	6
GpD	Gettys-Peno complex, 9 to 20 percent slopes	Gettys	55	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
GpD	Gettys-Peno complex, 9 to 20 percent slopes	Peno	35	37	52	65	75	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				19	29	38	47	5
				18	26	35	43	6
HaB	Hand-Ethan-Prosper loams, 1 to 5 percent slopes	Hand	50	134	178	211	235	0
				80	120	154	183	1
				57	86	115	141	2
				45	67	89	111	3
				36	55	73	91	4
				31	46	62	77	5
				27	40	53	67	6
HaB	Hand-Ethan-Prosper loams, 1 to 5 percent slopes	Ethan	25	56	77	94	107	0
				44	64	80	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
HaB	Hand-Ethan-Prosper loams, 1 to 5 percent slopes	Prosper	15	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
HaC	Hand-Ethan-Prosper loams, 2 to 9 percent slopes	Hand	40	134	178	211	235	0
				80	120	154	183	1
				57	86	115	141	2
				45	67	89	111	3
				36	55	73	91	4
				31	46	62	77	5
				27	40	53	67	6
HaC	Hand-Ethan-Prosper loams, 2 to 9 percent slopes	Ethan	30	56	77	94	107	0
				44	64	80	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
HaC	Hand-Ethan-Prosper loams, 2 to 9 percent slopes	Prosper	15	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				22	34	45	56	6
HcA	Hand-Prosper loams, 0 to 3 percent slopes	Hand	55	134	178	211	235	0
				80	120	154	183	1
				57	86	115	141	2
				45	67	89	111	3
				36	55	73	91	4
				31	46	62	77	5
				27	40	53	67	6
HcA	Hand-Prosper loams, 0 to 3 percent slopes	Prosper	25	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
HeB	Henkin loam, 1 to 5 percent slopes	Henkin	85	154	204	240	268	0
				87	131	169	203	1
				61	91	121	152	2
				47	70	93	116	3
				38	57	75	94	4
				32	48	64	79	5
				27	41	55	69	6
HfD	Henkin variant sandy loam, 6 to 40 percent slopes	Henkin	85	172	226	266	296	0
				92	139	182	217	1
				63	95	126	158	2
				48	72	96	120	3
				39	58	77	97	4
				32	49	65	81	5
				28	42	56	70	6
HhA	Highmore-Onita silt loams, 0 to 3 percent slopes	Highmore	55	79	107	129	145	0
				57	84	105	124	1
				44	66	87	104	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
HhA	Highmore-Onita silt loams, 0 to 3 percent slopes	Onita	30	99	133	158	178	0
				66	99	125	146	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
HlA	Homme-Onita-Beadle complex, 0 to 2 percent slopes	Homme	55	70	96	115	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
HlA	Homme-Onita-Beadle complex, 0 to 2 percent slopes	Onita	20	99	133	158	178	0
				66	99	125	146	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
HlA	Homme-Onita-Beadle complex, 0 to 2 percent slopes	Beadle	15	45	63	77	88	0
				37	53	68	79	1
				31	46	60	71	2
				27	40	53	64	3
				24	36	47	58	4
				21	32	42	52	5
				19	29	38	48	6
HpB	Homme-Peno complex, 2 to 6 percent slopes	Homme	55	70	96	115	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
HpB	Homme-Peno complex, 2 to 6 percent slopes	Peno	30	37	52	65	75	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
HpC	Homme-Peno complex, 6 to 9 percent slopes	Homme	45	70	96	115	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
HpC	Homme-Peno complex, 6 to 9 percent slopes	Peno	40	37	52	65	75	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
HrA	Houdek-Dudley complex, 0 to 3 percent slopes	Houdek	50	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
HrA	Houdek-Dudley complex, 0 to 3 percent slopes	Dudley	40	67	92	110	125	0
				50	74	93	108	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
HtB	Houdek-Dudley-Jerauld complex, 2 to 6 percent slopes	Houdek	45	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
HtB	Houdek-Dudley-Jerauld complex, 2 to 6 percent slopes	Dudley	30	67	92	110	125	0
				50	74	93	108	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
HtB	Houdek-Dudley-Jerauld complex, 2 to 6 percent slopes	Jerauld	15	57	79	95	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
HwB	Houdek-Ethan-Prosper loams, 1 to 5 percent slopes	Houdek	45	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
HwB	Houdek-Ethan-Prosper loams, 1 to 5 percent slopes	Ethan	25	56	77	94	107	0
				44	64	80	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
HwB	Houdek-Ethan-Prosper loams, 1 to 5 percent slopes	Prosper	15	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
HwC	Houdek-Ethan-Prosper loams, 2 to 9 percent slopes	Houdek	40	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
HwC	Houdek-Ethan-Prosper loams, 2 to 9 percent slopes	Ethan	30	56	77	94	107	0
				44	64	80	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
HwC	Houdek-Ethan-Prosper loams, 2 to 9 percent slopes	Prosper	15	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
HyA	Houdek-Prosper loams, 0 to 3 percent slopes	Houdek	55	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
HyA	Houdek-Prosper loams, 0 to 3 percent slopes	Prosper	25	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
Ln	Lane silty clay loam	Lane	85	69	94	113	128	0
				51	75	95	111	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
Lw	Lawet loam	Lawet	85	64	88	106	120	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
On	Onita silt loam, 0 to 3 percent slopes	Onita	85	99	133	158	178	0
				66	99	125	146	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
Op	Onita-Plankinton silt loams	Onita	60	99	133	158	178	0
				66	99	125	146	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
Op	Onita-Plankinton silt loams	Plankinton	30	90	122	146	164	0
				62	92	117	137	1
				47	71	94	113	2
				38	57	77	95	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				32	48	64	80	4
				28	42	55	69	5
				24	36	49	61	6
PgC	Peno-Gettys complex, 6 to 9 percent slopes	Peno	60	37	52	65	75	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
PgC	Peno-Gettys complex, 6 to 9 percent slopes	Gettys	30	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
Pk	Plankinton silt loam	Plankinton	85	90	122	146	164	0
				62	92	117	137	1
				47	71	94	113	2
				38	57	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	36	49	61	6
Pr	Plankinton-Crossplain complex	Plankinton	70	90	122	146	164	0
				62	92	117	137	1
				47	71	94	113	2
				38	57	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	36	49	61	6
Pr	Plankinton-Crossplain complex	Crossplain	20	52	73	88	101	0
				41	60	77	89	1
				34	51	66	79	2
				29	44	58	71	3
				25	38	51	63	4
				23	34	45	56	5
				20	30	41	51	6
ReA	Ree loam, 0 to 2 percent slopes	Ree	90	357	463	538	595	0
				128	192	256	320	1
				78	117	156	195	2
				56	84	112	140	3
				44	66	88	110	4
				36	54	72	90	5
				30	46	61	76	6
ReB	Ree loam, 2 to 6 percent slopes	Ree	85	357	463	538	595	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				128	192	256	320	1
				78	117	156	195	2
				56	84	112	140	3
				44	66	88	110	4
				36	54	72	90	5
				30	46	61	76	6
RnA	Ree-Canning loams, 0 to 2 percent slopes	Ree	70	357	463	538	595	0
				128	192	256	320	1
				78	117	156	195	2
				56	84	112	140	3
				44	66	88	110	4
				36	54	72	90	5
				30	46	61	76	6
RnA	Ree-Canning loams, 0 to 2 percent slopes	Canning	25	454	586	680	751	0
				139	208	278	347	1
				82	123	164	205	2
				58	87	116	145	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
RnB	Ree-Canning loams, 2 to 6 percent slopes	Ree	50	357	463	538	595	0
				128	192	256	320	1
				78	117	156	195	2
				56	84	112	140	3
				44	66	88	110	4
				36	54	72	90	5
				30	46	61	76	6
RnB	Ree-Canning loams, 2 to 6 percent slopes	Canning	45	454	586	680	751	0
				139	208	278	347	1
				82	123	164	205	2
				58	87	116	145	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
Te	Tetonka silt loam	Tetonka	85	86	117	140	157	0
				60	89	113	133	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
Wo	Worthing silty clay loam	Worthing	90	68	94	113	128	0
				51	75	95	111	1
				40	61	79	96	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				22	34	45	56	6
Wp	Worthing silty clay loam, ponded	Worthing	100	68	94	113	128	0
				51	75	95	111	1
				40	61	79	96	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6

South Dakota Lateral Effect Tables for Kingsbury County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Ba	Badger silty clay loam	Badger	90	58	81	98	112	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
Bb	Baltic silty clay loam	Baltic	90	69	94	114	129	0
				51	75	95	112	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
BcB	Barnes-Buse loams, 2 to 6 percent slopes	Barnes	60	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
BcB	Barnes-Buse loams, 2 to 6 percent slopes	Buse	25	35	51	63	72	0
				30	44	56	66	1
				26	39	51	60	2
				23	34	45	55	3
				21	31	41	51	4
				19	28	37	46	5
				17	26	34	42	6
BcC	Barnes-Buse loams, 6 to 9 percent slopes	Barnes	50	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
BcC	Barnes-Buse loams, 6 to 9 percent slopes	Buse	40	35	51	63	72	0
				30	44	56	66	1
				26	39	51	60	2
				23	34	45	55	3
				21	31	41	51	4
				19	28	37	46	5
				17	26	34	42	6
BdA	Beadle loam, 0 to 2 percent slopes	Beadle	85	47	66	80	92	0
				38	55	70	82	1
				32	48	62	73	2
				28	41	54	66	3
				24	36	48	59	4
				22	32	43	53	5
				20	29	39	49	6
BdB	Beadle loam, 2 to 6 percent slopes	Beadle	90	47	66	80	92	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				38	55	70	82	1
				32	48	62	73	2
				28	41	54	66	3
				24	36	48	59	4
				22	32	43	53	5
				20	29	39	49	6
BdC	Beadle loam, 6 to 9 percent slopes	Beadle	90	47	66	80	92	0
				38	55	70	82	1
				32	48	62	73	2
				28	41	54	66	3
				24	36	48	59	4
				22	32	43	53	5
				20	29	39	49	6
BeA	Beadle-Dudley complex, 0 to 2 percent slopes	Beadle	55	47	66	80	92	0
				38	55	70	82	1
				32	48	62	73	2
				28	41	54	66	3
				24	36	48	59	4
				22	32	43	53	5
				20	29	39	49	6
BeA	Beadle-Dudley complex, 0 to 2 percent slopes	Dudley	35	74	101	121	137	0
				54	80	101	118	1
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	34	46	57	6
Bn	Bon loam	Bon	90	90	122	146	164	0
				62	92	117	137	1
				47	71	94	113	2
				38	57	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	36	49	61	6
Bo	Bon loam, channeled	Bon	85	90	122	146	164	0
				62	92	117	137	1
				47	71	94	113	2
				38	57	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	36	49	61	6
BrB	Brandt silty clay loam, 2 to 6 percent slopes	Brandt	90	85	116	138	156	0
				60	89	112	131	1
				46	69	91	110	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
BuC	Buse-Barnes loams, 6 to 9 percent slopes	Buse	50	35	51	63	72	0
				30	44	56	66	1
				26	39	51	60	2
				23	34	45	55	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				21	31	41	51	4
				19	28	37	46	5
				17	26	34	42	6
BuC	Buse-Barnes loams, 6 to 9 percent slopes	Barnes	40	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
BuD	Buse-Barnes loams, 9 to 20 percent slopes	Buse	50	35	51	63	72	0
				30	44	56	66	1
				26	39	51	60	2
				23	34	45	55	3
				21	31	41	51	4
				19	28	37	46	5
				17	26	34	42	6
BuD	Buse-Barnes loams, 9 to 20 percent slopes	Barnes	40	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
BxD	Buse-Holmquist, channeled, loams, 0 to 20 percent slopes	Buse	50	35	51	63	72	0
				30	44	56	66	1
				26	39	51	60	2
				23	34	45	55	3
				21	31	41	51	4
				19	28	37	46	5
				17	26	34	42	6
BxD	Buse-Holmquist, channeled, loams, 0 to 20 percent slopes	Holmquist	40	94	128	152	171	0
				64	96	121	142	1
				48	73	96	117	2
				39	59	78	97	3
				33	49	65	82	4
				28	42	56	70	5
				25	37	49	62	6
CbA	Clarno-Bonilla loams, 0 to 2 percent slopes	Clarno	60	59	82	99	112	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
CbA	Clarno-Bonilla loams, 0 to 2 percent slopes	Bonilla	30	87	117	140	158	0
				61	90	113	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				27	41	55	69	5
				24	36	48	60	6
CbB	Clarno-Bonilla loams, 1 to 6 percent slopes	Clarno	65	59	82	99	112	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
CbB	Clarno-Bonilla loams, 1 to 6 percent slopes	Bonilla	25	87	117	140	158	0
				61	90	113	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
CeB	Clarno-Ethan-Bonilla loams, 1 to 6 percent slopes	Clarno	45	59	82	99	112	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
CeB	Clarno-Ethan-Bonilla loams, 1 to 6 percent slopes	Ethan	25	49	68	83	95	0
				39	57	72	85	1
				33	49	63	75	2
				28	42	55	68	3
				25	37	49	60	4
				22	33	44	54	5
				20	30	40	50	6
CeB	Clarno-Ethan-Bonilla loams, 1 to 6 percent slopes	Bonilla	20	87	117	140	158	0
				61	90	113	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
CeC	Clarno-Ethan-Bonilla loams, 2 to 9 percent slopes	Clarno	40	59	82	99	112	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
CeC	Clarno-Ethan-Bonilla loams, 2 to 9 percent slopes	Ethan	30	49	68	83	95	0
				39	57	72	85	1
				33	49	63	75	2
				28	42	55	68	3
				25	37	49	60	4
				22	33	44	54	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				20	30	40	50	6
CeC	Clarno-Ethan-Bonilla loams, 2 to 9 percent slopes	Bonilla	20	87	117	140	158	0
				61	90	113	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
Ct	Crossplain-Tetonka complex	Crossplain	60	48	67	81	93	0
				39	56	71	83	1
				32	49	62	74	2
				28	42	55	67	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
Ct	Crossplain-Tetonka complex	Tetonka	30	96	129	154	173	0
				65	97	122	143	1
				49	73	98	117	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
Cu	Cubden silty clay loam	Cubden	85	60	83	100	114	0
				46	67	85	100	1
				38	56	73	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
Cv	Cubden-Badger silty clay loams	Cubden	45	60	83	100	114	0
				46	67	85	100	1
				38	56	73	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
Cv	Cubden-Badger silty clay loams	Badger	40	58	81	98	112	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
Cw	Cubden-Tonka silty clay loams	Cubden	60	60	83	100	114	0
				46	67	85	100	1
				38	56	73	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
Cw	Cubden-Tonka silty clay loams	Tonka	30	48	68	83	95	0
				39	57	72	85	1
				32	49	63	75	2
				28	42	55	68	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
Dc	Davison-Crossplain complex	Davison	45	115	154	183	205	0
				73	110	139	164	1
				53	80	107	130	2
				42	63	84	106	3
				35	52	70	87	4
				30	45	59	74	5
				26	39	52	65	6
Dc	Davison-Crossplain complex	Crossplain	40	48	67	81	93	0
				39	56	71	83	1
				32	49	62	74	2
				28	42	55	67	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
DeA	Delmont loam, 0 to 2 percent slopes	Delmont	90	181	239	280	312	0
				95	143	188	225	1
				64	97	129	161	2
				49	73	97	122	3
				39	59	78	98	4
				33	49	66	82	5
				28	42	56	70	6
DtB	Delmont-Talmo loams, 2 to 6 percent slopes	Delmont	55	181	239	280	312	0
				95	143	188	225	1
				64	97	129	161	2
				49	73	97	122	3
				39	59	78	98	4
				33	49	66	82	5
				28	42	56	70	6
DtB	Delmont-Talmo loams, 2 to 6 percent slopes	Talmo	35	463	597	693	766	0
				140	210	279	349	1
				82	123	164	206	2
				58	87	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
Dv	Divide loam	Divide	90	467	603	699	773	0
				140	210	280	350	1
				82	124	165	206	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
Dx	Dudley-Jerauld silt loams	Dudley	60	74	101	121	137	0
				54	80	101	118	1
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	34	46	57	6
Dx	Dudley-Jerauld silt loams	Jerauld	30	66	91	109	124	0
				50	73	92	108	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
Dy	Durrstein silt loam	Durrstein	95	58	80	97	111	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
EgA	Egeland-Embden complex, 0 to 2 percent slopes	Egeland	50	153	203	239	266	0
				87	130	169	202	1
				60	91	121	151	2
				46	70	93	116	3
				38	57	75	94	4
				32	48	63	79	5
				27	41	55	68	6
EgA	Egeland-Embden complex, 0 to 2 percent slopes	Embden	40	85	115	138	155	0
				60	88	112	131	1
				46	69	91	109	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
EgB	Egeland-Embden complex, 2 to 6 percent slopes	Egeland	70	153	203	239	266	0
				87	130	169	202	1
				60	91	121	151	2
				46	70	93	116	3
				38	57	75	94	4
				32	48	63	79	5
				27	41	55	68	6
EgB	Egeland-Embden complex, 2 to 6 percent slopes	Embden	20	85	115	138	155	0
				60	88	112	131	1
				46	69	91	109	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
EmC	Egeland-Maddock sandy loams, 6 to 9 percent slopes	Egeland	70	153	203	239	266	0
				87	130	169	202	1
				60	91	121	151	2
				46	70	93	116	3
				38	57	75	94	4
				32	48	63	79	5
				27	41	55	68	6
EmC	Egeland-Maddock sandy loams, 6 to 9 percent slopes	Maddock	20	239	313	366	406	0
				109	163	218	265	1
				71	106	141	176	2
				52	78	104	130	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				41	62	83	103	4
				34	51	69	86	5
				29	44	59	73	6
EnD	Ethan-Betts loams, 9 to 20 percent slopes	Ethan	55	49	68	83	95	0
				39	57	72	85	1
				33	49	63	75	2
				28	42	55	68	3
				25	37	49	60	4
				22	33	44	54	5
				20	30	40	50	6
EnD	Ethan-Betts loams, 9 to 20 percent slopes	Betts	30	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
EoD	Ethan-Bon, channeled, loams, 0 to 20 percent slopes	Ethan	45	49	68	83	95	0
				39	57	72	85	1
				33	49	63	75	2
				28	42	55	68	3
				25	37	49	60	4
				22	33	44	54	5
				20	30	40	50	6
EoD	Ethan-Bon, channeled, loams, 0 to 20 percent slopes	Bon	35	102	137	163	183	0
				68	101	127	150	1
				50	76	101	122	2
				40	60	81	101	3
				34	50	67	84	4
				29	43	57	72	5
				25	38	50	63	6
EtC	Ethan-Clarno loams, 6 to 9 percent slopes	Ethan	50	49	68	83	95	0
				39	57	72	85	1
				33	49	63	75	2
				28	42	55	68	3
				25	37	49	60	4
				22	33	44	54	5
				20	30	40	50	6
EtC	Ethan-Clarno loams, 6 to 9 percent slopes	Clarno	40	59	82	99	112	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
EtD	Ethan-Clarno loams, 9 to 15 percent slopes	Ethan	55	49	68	83	95	0
				39	57	72	85	1
				33	49	63	75	2
				28	42	55	68	3
				25	37	49	60	4
				22	33	44	54	5
				20	30	40	50	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
EtD	Ethan-Clarno loams, 9 to 15 percent slopes	Clarno	35	59	82	99	112	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
HbB	Henkin-Blendon fine sandy loams, 2 to 6 percent slopes	Henkin	65	105	141	167	188	0
				69	103	130	153	1
				51	77	102	124	2
				41	61	82	102	3
				34	51	68	85	4
				29	43	58	72	5
				25	38	51	63	6
HbB	Henkin-Blendon fine sandy loams, 2 to 6 percent slopes	Blendon	25	190	249	293	325	0
				97	146	194	231	1
				66	98	131	164	2
				49	74	99	123	3
				40	59	79	99	4
				33	50	66	83	5
				28	43	57	71	6
HeA	Hetland silty clay loam, 0 to 2 percent slopes	Hetland	90	64	88	106	120	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
HeB	Hetland silty clay loam, 2 to 6 percent slopes	Hetland	90	64	88	106	120	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
HpA	Houdek-Prosper loams, 0 to 2 percent slopes	Houdek	55	59	81	98	112	0
				46	66	84	98	1
				37	56	72	86	2
				31	47	62	75	3
				27	41	54	66	4
				24	36	48	60	5
				21	32	43	53	6
HpA	Houdek-Prosper loams, 0 to 2 percent slopes	Prosper	30	63	87	105	119	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
HpB	Houdek-Prosper loams, 1 to 6 percent slopes	Houdek	70	59	81	98	112	0
				46	66	84	98	1
				37	56	72	86	2
				31	47	62	75	3
				27	41	54	66	4
				24	36	48	60	5
				21	32	43	53	6
HpB	Houdek-Prosper loams, 1 to 6 percent slopes	Prosper	20	63	87	105	119	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
HsA	Houdek-Stickney complex, 0 to 2 percent slopes	Houdek	50	59	81	98	112	0
				46	66	84	98	1
				37	56	72	86	2
				31	47	62	75	3
				27	41	54	66	4
				24	36	48	60	5
				21	32	43	53	6
HsA	Houdek-Stickney complex, 0 to 2 percent slopes	Stickney	40	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
HsB	Houdek-Stickney complex, 2 to 6 percent slopes	Houdek	55	59	81	98	112	0
				46	66	84	98	1
				37	56	72	86	2
				31	47	62	75	3
				27	41	54	66	4
				24	36	48	60	5
				21	32	43	53	6
HsB	Houdek-Stickney complex, 2 to 6 percent slopes	Stickney	35	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
Ht	Houdek-Stickney-Tetonka complex	Houdek	45	59	81	98	112	0
				46	66	84	98	1
				37	56	72	86	2
				31	47	62	75	3
				27	41	54	66	4
				24	36	48	60	5
				21	32	43	53	6
Ht	Houdek-Stickney-Tetonka complex	Stickney	25	62	86	104	118	0
				47	69	88	103	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
Ht	Houdek-Stickney-Tetonka complex	Tetonka	20	96	129	154	173	0
				65	97	122	143	1
				49	73	98	117	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
Hv	Hoven silt loam	Hoven	90	67	92	110	125	0
				50	74	93	108	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
Lh	La Prairie-Holmquist loams, channeled	La Prairie	50	65	90	108	122	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
Lh	La Prairie-Holmquist loams, channeled	Holmquist	40	94	128	152	171	0
				64	96	121	142	1
				48	73	96	117	2
				39	59	78	97	3
				33	49	65	82	4
				28	42	56	70	5
				25	37	49	62	6
Lm	Lamoure silty clay loam	Lamoure	85	120	161	190	213	0
				75	113	143	170	1
				55	82	109	134	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
Lo	Lowe loam	Lowe	90	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
Ma	Marysland loam	Marysland	85	462	596	691	764	0
				140	209	279	349	1
				82	123	164	206	2
				58	87	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
MeA	Minnewasta sandy loam, 0 to 2 percent slopes	Minnewasta	90	57	79	95	108	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
Mw	Minnewaukan loamy sand	Minnewaukan	90	317	412	480	531	0
				123	184	245	307	1
				76	114	152	190	2
				55	83	110	138	3
				43	65	86	108	4
				36	53	71	89	5
				30	45	60	75	6
Od	Oldham silty clay loam	Oldham	90	61	84	102	116	0
				47	68	86	102	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
Pa	Parnell silty clay loam	Parnell	90	79	107	129	145	0
				57	84	105	124	1
				44	66	87	104	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
Pm	Playmoor silty clay loam	Playmoor	90	94	126	151	170	0
				64	95	120	141	1
				48	73	96	116	2
				39	59	78	97	3
				33	49	65	82	4
				28	42	56	70	5
				25	37	49	62	6
PoB	Poinsett-Buse-Waubay complex, 1 to 6 percent slopes	Poinsett	45	79	108	129	146	0
				57	84	106	124	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
PoB	Poinsett-Buse-Waubay complex, 1 to 6 percent slopes	Buse	25	35	51	63	72	0
				30	44	56	66	1
				26	39	51	60	2
				23	34	45	55	3
				21	31	41	51	4
				19	28	37	46	5
				17	26	34	42	6
PoB	Poinsett-Buse-Waubay complex, 1 to 6 percent slopes	Waubay	20	61	85	102	116	0
				47	69	87	102	1
				38	57	74	89	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
PoC	Poinsett-Buse-Waubay complex, 2 to 9 percent slopes	Poinsett	40	79	108	129	146	0
				57	84	106	124	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
PoC	Poinsett-Buse-Waubay complex, 2 to 9 percent slopes	Buse	30	35	51	63	72	0
				30	44	56	66	1
				26	39	51	60	2
				23	34	45	55	3
				21	31	41	51	4
				19	28	37	46	5
				17	26	34	42	6
PoC	Poinsett-Buse-Waubay complex, 2 to 9 percent slopes	Waubay	20	61	85	102	116	0
				47	69	87	102	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
PrB	Poinsett-Rusklyn-Waubay silty clay loams, 1 to 6 percent slopes	Poinsett	40	79	108	129	146	0
				57	84	106	124	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
PrB	Poinsett-Rusklyn-Waubay silty clay loams, 1 to 6 percent slopes	Rusklyn	30	99	133	158	178	0
				66	99	125	146	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
PrB	Poinsett-Rusklyn-Waubay silty clay loams, 1 to 6 percent slopes	Waubay	20	61	85	102	116	0
				47	69	87	102	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
PwA	Poinsett-Waubay silty clay loams, 0 to 2 percent slopes	Poinsett	55	79	108	129	146	0
				57	84	106	124	1
				44	66	87	105	2
				36	54	72	89	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
PwA	Poinsett-Waubay silty clay loams, 0 to 2 percent slopes	Waubay	35	61	85	102	116	0
				47	69	87	102	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
PwB	Poinsett-Waubay silty clay loams, 1 to 6 percent slopes	Poinsett	65	79	108	129	146	0
				57	84	106	124	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
PwB	Poinsett-Waubay silty clay loams, 1 to 6 percent slopes	Waubay	25	61	85	102	116	0
				47	69	87	102	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
RfA	Renshaw-Fordville loams, 0 to 2 percent slopes	Renshaw	55	230	301	353	391	0
				107	160	214	259	1
				70	105	139	174	2
				52	78	103	129	3
				41	62	82	103	4
				34	51	68	85	5
				29	44	58	73	6
RfA	Renshaw-Fordville loams, 0 to 2 percent slopes	Fordville	35	168	222	261	291	0
				91	137	179	214	1
				63	94	125	157	2
				48	72	95	119	3
				39	58	77	96	4
				32	48	65	81	5
				28	42	56	70	6
RfB	Renshaw-Fordville loams, 2 to 6 percent slopes	Renshaw	60	230	301	353	391	0
				107	160	214	259	1
				70	105	139	174	2
				52	78	103	129	3
				41	62	82	103	4
				34	51	68	85	5
				29	44	58	73	6
RfB	Renshaw-Fordville loams, 2 to 6 percent slopes	Fordville	30	168	222	261	291	0
				91	137	179	214	1
				63	94	125	157	2
				48	72	95	119	3
				39	58	77	96	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				32	48	65	81	5
				28	42	56	70	6
RsB	Renshaw-Sioux complex, 2 to 6 percent slopes	Renshaw	60	230	301	353	391	0
				107	160	214	259	1
				70	105	139	174	2
				52	78	103	129	3
				41	62	82	103	4
				34	51	68	85	5
				29	44	58	73	6
RsB	Renshaw-Sioux complex, 2 to 6 percent slopes	Sioux	30	159	210	247	276	0
				89	133	173	207	1
				61	92	123	153	2
				47	70	94	117	3
				38	57	76	95	4
				32	48	64	80	5
				28	41	55	69	6
RsC	Renshaw-Sioux complex, 6 to 9 percent slopes	Renshaw	50	230	301	353	391	0
				107	160	214	259	1
				70	105	139	174	2
				52	78	103	129	3
				41	62	82	103	4
				34	51	68	85	5
				29	44	58	73	6
RsC	Renshaw-Sioux complex, 6 to 9 percent slopes	Sioux	40	159	210	247	276	0
				89	133	173	207	1
				61	92	123	153	2
				47	70	94	117	3
				38	57	76	95	4
				32	48	64	80	5
				28	41	55	69	6
SnA	Sinai silty clay, 0 to 2 percent slopes	Sinai	90	54	76	92	105	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
SrD	Sioux-Renshaw complex, 9 to 15 percent slopes	Sioux	50	159	210	247	276	0
				89	133	173	207	1
				61	92	123	153	2
				47	70	94	117	3
				38	57	76	95	4
				32	48	64	80	5
				28	41	55	69	6
SrD	Sioux-Renshaw complex, 9 to 15 percent slopes	Renshaw	40	230	301	353	391	0
				107	160	214	259	1
				70	105	139	174	2
				52	78	103	129	3
				41	62	82	103	4
				34	51	68	85	5
				29	44	58	73	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Ss	Southam silty clay loam	Southam	90	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
St	Stickney-Dudley silt loams	Stickney	45	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
St	Stickney-Dudley silt loams	Dudley	40	74	101	121	137	0
				54	80	101	118	1
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	34	46	57	6
Sv	Stickney-Dudley-Hoven silt loams	Stickney	35	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
Sv	Stickney-Dudley-Hoven silt loams	Dudley	30	74	101	121	137	0
				54	80	101	118	1
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	34	46	57	6
Sv	Stickney-Dudley-Hoven silt loams	Hoven	25	67	92	110	125	0
				50	74	93	108	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
TdD	Talmo-Delmont loams, 6 to 15 percent slopes	Talmo	60	463	597	693	766	0
				140	210	279	349	1
				82	123	164	206	2
				58	87	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
TdD	Talmo-Delmont loams, 6 to 15 percent slopes	Delmont	30	181	239	280	312	0
				95	143	188	225	1
				64	97	129	161	2
				49	73	97	122	3
				39	59	78	98	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				33	49	66	82	5
				28	42	56	70	6
Te	Tetonka silt loam	Tetonka	90	96	129	154	173	0
				65	97	122	143	1
				49	73	98	117	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
To	Tonka silty clay loam	Tonka	90	48	68	83	95	0
				39	57	72	85	1
				32	49	63	75	2
				28	42	55	68	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
VbA	Vienna-Brookings complex, 0 to 2 percent slopes	Vienna	70	64	88	106	120	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
VbA	Vienna-Brookings complex, 0 to 2 percent slopes	Brookings	20	67	92	111	126	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
VbB	Vienna-Brookings complex, 1 to 6 percent slopes	Vienna	70	64	88	106	120	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
VbB	Vienna-Brookings complex, 1 to 6 percent slopes	Brookings	20	67	92	111	126	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
Wa	Waubay silty clay loam	Waubay	90	61	85	102	116	0
				47	69	87	102	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
Wb	Waubay-Badger silty clay loams	Waubay	50	61	85	102	116	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				47	69	87	102	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
Wb	Waubay-Badger silty clay loams	Badger	40	58	81	98	112	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
Wo	Worthing silty clay loam	Worthing	90	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
Wp	Worthing silty clay loam, ponded	Worthing	90	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6

South Dakota Lateral Effect Tables for Lake County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Ba	Badus silty clay loam	Badus	90	87	118	141	159	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
Bc	Baltic silty clay loam	Baltic	90	69	95	115	130	0
				51	75	96	113	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
BdA	Beadle clay loam, 0 to 2 percent slopes	Beadle	85	34	49	60	70	0
				29	43	54	64	1
				25	38	49	58	2
				23	34	44	53	3
				20	30	40	49	4
				18	28	37	45	5
				17	25	34	42	6
BdB	Beadle clay loam, 2 to 6 percent slopes	Beadle	90	46	64	78	90	0
				37	54	68	80	1
				32	47	60	72	2
				27	41	53	65	3
				24	36	48	58	4
				21	32	43	53	5
				19	29	39	48	6
BdC	Beadle clay loam, 6 to 9 percent slopes	Beadle	90	46	64	78	90	0
				37	54	68	80	1
				32	47	60	72	2
				27	41	53	65	3
				24	36	48	58	4
				21	32	43	53	5
				19	29	39	48	6
CaA	Clarno loam, 0 to 2 percent slopes	Clarno	90	49	68	83	95	0
				39	57	72	85	1
				33	49	63	75	2
				28	42	55	68	3
				25	37	49	60	4
				22	33	44	54	5
				20	30	40	50	6
CaB	Clarno loam, 2 to 6 percent slopes	Clarno	90	49	68	83	95	0
				39	57	72	85	1
				33	49	63	75	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				28	42	55	68	3
				25	37	49	60	4
				22	33	44	54	5
				20	30	40	50	6
CaC	Clarno loam, 6 to 9 percent slopes	Clarno	85	49	68	83	95	0
				39	57	72	85	1
				33	49	63	75	2
				28	42	55	68	3
				25	37	49	60	4
				22	33	44	54	5
				20	30	40	50	6
CeB	Clarno-Ethan loams, 2 to 6 percent slopes	Clarno	60	49	68	83	95	0
				39	57	72	85	1
				33	49	63	75	2
				28	42	55	68	3
				25	37	49	60	4
				22	33	44	54	5
				20	30	40	50	6
CeB	Clarno-Ethan loams, 2 to 6 percent slopes	Ethan	25	44	62	75	86	0
				36	53	66	77	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
CeC	Clarno-Ethan loams, 6 to 9 percent slopes	Clarno	55	49	68	83	95	0
				39	57	72	85	1
				33	49	63	75	2
				28	42	55	68	3
				25	37	49	60	4
				22	33	44	54	5
				20	30	40	50	6
CeC	Clarno-Ethan loams, 6 to 9 percent slopes	Ethan	30	44	62	75	86	0
				36	53	66	77	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
CeD	Clarno-Ethan loams, 9 to 16 percent slopes	Clarno	50	49	68	83	95	0
				39	57	72	85	1
				33	49	63	75	2
				28	42	55	68	3
				25	37	49	60	4
				22	33	44	54	5
				20	30	40	50	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
CeD	Clarno-Ethan loams, 9 to 16 percent slopes	Ethan	35	44	62	75	86	0
				36	53	66	77	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
Da	Davis loam	Davis	90	85	116	138	156	0
				60	89	112	131	1
				46	69	91	110	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
DeB	Delmont-Talmo loams, 2 to 6 percent slopes	Delmont	50	495	638	740	818	0
				142	214	285	356	1
				83	125	166	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
DeB	Delmont-Talmo loams, 2 to 6 percent slopes	Talmo	35	171	225	265	295	0
				92	138	181	216	1
				63	95	126	158	2
				48	72	96	120	3
				39	58	77	97	4
				32	49	65	81	5
				28	42	56	70	6
DeC	Delmont-Talmo loams, 6 to 9 percent slopes	Delmont	45	495	638	740	818	0
				142	214	285	356	1
				83	125	166	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
DeC	Delmont-Talmo loams, 6 to 9 percent slopes	Talmo	35	171	225	265	295	0
				92	138	181	216	1
				63	95	126	158	2
				48	72	96	120	3
				39	58	77	97	4
				32	49	65	81	5
				28	42	56	70	6
DmA	Dempster silt loam, 0 to 2 percent slopes	Dempster	85	504	649	753	831	0
				143	215	286	358	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				83	125	167	209	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
DmB	Dempster silt loam, 2 to 6 percent slopes	Dempster	85	504	649	753	831	0
				143	215	286	358	1
				83	125	167	209	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
DpC	Dempster-Delmont complex, 6 to 9 percent slopes	Dempster	60	504	649	753	831	0
				143	215	286	358	1
				83	125	167	209	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
DpC	Dempster-Delmont complex, 6 to 9 percent slopes	Delmont	25	495	638	740	818	0
				142	214	285	356	1
				83	125	166	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
EaC	Egan silty clay loam, 6 to 9 percent slopes	Egan	80	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
EbA	Egan-Beadle complex, 0 to 2 percent slopes	Egan	60	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
EbA	Egan-Beadle complex, 0 to 2 percent slopes	Beadle	30	46	64	78	90	0
				37	54	68	80	1
				32	47	60	72	2
				27	41	53	65	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				24	36	48	58	4
				21	32	43	53	5
				19	29	39	48	6
EbB	Egan-Beadle complex, 2 to 6 percent slopes	Egan	60	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
EbB	Egan-Beadle complex, 2 to 6 percent slopes	Beadle	30	46	64	78	90	0
				37	54	68	80	1
				32	47	60	72	2
				27	41	53	65	3
				24	36	48	58	4
				21	32	43	53	5
				19	29	39	48	6
EbC	Egan-Beadle complex, 6 to 9 percent slopes	Egan	55	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
EbC	Egan-Beadle complex, 6 to 9 percent slopes	Beadle	35	46	64	78	90	0
				37	54	68	80	1
				32	47	60	72	2
				27	41	53	65	3
				24	36	48	58	4
				21	32	43	53	5
				19	29	39	48	6
EeB	Egan-Ethan complex, 2 to 6 percent slopes	Egan	50	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
EeB	Egan-Ethan complex, 2 to 6 percent slopes	Ethan	40	44	62	75	86	0
				36	53	66	77	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				21	31	42	52	5
				19	28	38	47	6
EeC2	Egan-Ethan complex, 6 to 9 percent slopes, eroded	Egan	45	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
EeC2	Egan-Ethan complex, 6 to 9 percent slopes, eroded	Ethan	40	44	62	75	86	0
				36	53	66	77	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
EgA	Egan-Viborg silty clay loams, 0 to 3 percent slopes	Egan	60	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
EgA	Egan-Viborg silty clay loams, 0 to 3 percent slopes	Viborg	30	86	117	140	158	0
				60	89	113	133	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
EhB	Egan-Wentworth silty clay loams, 2 to 6 percent slopes	Egan	50	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
EhB	Egan-Wentworth silty clay loams, 2 to 6 percent slopes	Wentworth	30	87	118	141	159	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				24	36	48	60	6
EnA	Enet loam, 0 to 2 percent slopes	Enet	90	530	683	792	874	0
				145	218	290	363	1
				84	126	168	210	2
				59	89	118	148	3
				46	69	91	114	4
				37	56	74	93	5
				31	47	63	78	6
EoF	Ethan-Betts loams, 21 to 40 percent slopes	Ethan	45	44	62	75	86	0
				36	53	66	77	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
EoF	Ethan-Betts loams, 21 to 40 percent slopes	Betts	35	62	86	103	117	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
ErE	Ethan-Clarno loams, 16 to 21 percent slopes	Ethan	60	44	62	75	86	0
				36	53	66	77	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
ErE	Ethan-Clarno loams, 16 to 21 percent slopes	Clarno	20	49	68	83	95	0
				39	57	72	85	1
				33	49	63	75	2
				28	42	55	68	3
				25	37	49	60	4
				22	33	44	54	5
				20	30	40	50	6
EsE	Ethan-Clarno stony complex, 6 to 25 percent slopes	Ethan	50	44	62	75	86	0
				36	53	66	77	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
EsE	Ethan-Clarno stony complex, 6 to 25 percent slopes	Clarno	30	49	68	83	95	0
				39	57	72	85	1
				33	49	63	75	2
				28	42	55	68	3
				25	37	49	60	4
				22	33	44	54	5
				20	30	40	50	6
EtD	Ethan-Davis stony complex, 3 to 21 percent slopes	Ethan	55	44	62	75	86	0
				36	53	66	77	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
EtD	Ethan-Davis stony complex, 3 to 21 percent slopes	Davis	25	85	116	138	156	0
				60	89	112	131	1
				46	69	91	110	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
Gr	Graceville silty clay loam	Graceville	90	286	372	433	480	0
				118	177	235	292	1
				74	111	148	185	2
				54	81	108	135	3
				43	64	85	106	4
				35	53	70	88	5
				30	45	60	75	6
HeA	Henkin loam, 0 to 3 percent slopes	Henkin	90	124	165	195	218	0
				77	115	146	173	1
				55	83	111	136	2
				43	65	87	108	3
				36	53	71	89	4
				30	45	60	76	5
				26	39	53	66	6
HeB	Henkin loam, 3 to 9 percent slopes	Henkin	90	124	165	195	218	0
				77	115	146	173	1
				55	83	111	136	2
				43	65	87	108	3
				36	53	71	89	4
				30	45	60	76	5
				26	39	53	66	6
HkB	Houdek loam, 2 to 6 percent slopes	Houdek	80	52	72	88	100	0
				41	60	76	89	1
				34	51	66	79	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				29	44	58	70	3
				25	38	51	62	4
				23	34	45	56	5
				20	30	41	51	6
HpA	Houdek-Prosper loams, 0 to 3 percent slopes	Houdek	50	52	72	88	100	0
				41	60	76	89	1
				34	51	66	79	2
				29	44	58	70	3
				25	38	51	62	4
				23	34	45	56	5
				20	30	41	51	6
HpA	Houdek-Prosper loams, 0 to 3 percent slopes	Prosper	35	64	89	107	121	0
				48	71	91	106	1
				39	59	76	92	2
				33	49	65	79	3
				28	42	56	70	4
				25	37	49	62	5
				22	33	44	55	6
La	Lamo silty clay loam	Lamo	85	65	89	108	122	0
				49	72	91	107	1
				39	59	76	92	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
Mar	Worthing silty clay loam, ponded	Worthing	95	63	87	105	120	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
MnB	Moody-Nora complex, 2 to 6 percent slopes	Moody	50	86	117	140	158	0
				60	89	113	133	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
MnB	Moody-Nora complex, 2 to 6 percent slopes	Nora	30	91	124	148	166	0
				63	93	118	139	1
				48	71	95	114	2
				38	58	77	95	3
				32	48	65	81	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				28	42	56	69	5
				24	37	49	61	6
MtA	Moody-Trent silty clay loams, 0 to 2 percent slopes	Moody	55	86	117	140	158	0
				60	89	113	133	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
MtA	Moody-Trent silty clay loams, 0 to 2 percent slopes	Trent	35	86	117	140	158	0
				60	89	113	133	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
NcC	Nora-Crofton silt loams, 6 to 9 percent slopes	Nora	50	91	124	148	166	0
				63	93	118	139	1
				48	71	95	114	2
				38	58	77	95	3
				32	48	65	81	4
				28	42	56	69	5
				24	37	49	61	6
NcC	Nora-Crofton silt loams, 6 to 9 percent slopes	Crofton	30	172	227	267	298	0
				92	139	182	217	1
				63	95	126	158	2
				48	72	96	120	3
				39	58	77	97	4
				32	49	65	81	5
				28	42	56	70	6
PrA	Prosper loam, 0 to 2 percent slopes	Prosper	85	64	89	107	121	0
				48	71	91	106	1
				39	59	76	92	2
				33	49	65	79	3
				28	42	56	70	4
				25	37	49	62	5
				22	33	44	55	6
Ra	Rauville silty clay loam	Rauville	85	108	145	172	193	0
				70	105	133	157	1
				52	78	104	126	2
				41	62	82	103	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	64	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Sa	Minnewaukan loamy sand	Minnewaukan	90	119	159	189	211	0
				75	112	142	168	1
				54	82	109	133	2
				43	64	85	107	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
ScA	Huntimer silty clay loam, 0 to 2 percent slopes	Huntimer	90	65	89	108	122	0
				49	72	91	107	1
				39	59	76	92	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
SdB	Huntimer silty clay loam, 2 to 6 percent slopes	Huntimer	85	65	89	108	122	0
				49	72	91	107	1
				39	59	76	92	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
StA	Stickney-Tetonka complex, 0 to 2 percent slopes	Stickney	60	77	105	125	142	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
StA	Stickney-Tetonka complex, 0 to 2 percent slopes	Tetonka	20	93	125	149	168	0
				63	95	119	140	1
				48	72	96	115	2
				39	58	78	96	3
				33	49	65	81	4
				28	42	56	70	5
				25	37	49	61	6
TdE	Talmo-Delmont loams, 6 to 21 percent slopes	Talmo	45	171	225	265	295	0
				92	138	181	216	1
				63	95	126	158	2
				48	72	96	120	3
				39	58	77	97	4
				32	49	65	81	5
				28	42	56	70	6
TdE	Talmo-Delmont loams, 6 to 21 percent slopes	Delmont	35	495	638	740	818	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				142	214	285	356	1
				83	125	166	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
Te	Tetonka silt loam	Tetonka	90	93	125	149	168	0
				63	95	119	140	1
				48	72	96	115	2
				39	58	78	96	3
				33	49	65	81	4
				28	42	56	70	5
				25	37	49	61	6
VbA	Viborg silty clay loam, 0 to 2 percent slopes	Viborg	85	86	117	140	158	0
				60	89	113	133	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
VgB	Viborg-Egan silty clay loams, 2 to 6 percent slopes	Viborg	50	86	117	140	158	0
				60	89	113	133	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
VgB	Viborg-Egan silty clay loams, 2 to 6 percent slopes	Egan	30	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
Vo	Arlo silty clay loam	Arlo	85	188	247	290	323	0
				97	145	192	230	1
				65	98	131	163	2
				49	74	98	123	3
				39	59	79	99	4
				33	49	66	82	5
				28	42	57	71	6
WeA	Wentworth-Egan silty clay loams, 0 to 2 percent slopes	Wentworth	55	87	118	141	159	0
				61	90	114	133	1
				47	70	92	111	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
WeA	Wentworth-Egan silty clay loams, 0 to 2 percent slopes	Egan	35	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
Wh	Whitewood silty clay loam	Whitewood	80	75	103	123	139	0
				55	80	102	119	1
				43	64	84	102	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
Wo	Worthing silty clay loam	Worthing	90	63	87	105	120	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6

South Dakota Lateral Effect Tables for Lincoln County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
AcA	Alcester silty clay loam, 0 to 2 percent slopes	Alcester	90	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
AcB	Alcester silty clay loam, 2 to 6 percent slopes	Alcester	90	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
Af	Alcester silty clay loam, channeled	Alcester	80	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
Ah	Alcester and Lamo silty clay loams	Alcester	45	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
Ah	Alcester and Lamo silty clay loams	Lamo	40	61	85	103	116	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
Bo	Bon soils, frequently flooded	Bon	35	92	124	148	166	0
				63	94	118	139	1
				48	72	95	115	2
				39	58	77	96	3
				32	49	65	81	4
				28	42	56	70	5
				24	37	49	61	6
Bo	Bon soils, frequently flooded	Bon	35	92	124	148	166	0
				63	94	118	139	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				48	72	95	115	2
				39	58	77	96	3
				32	49	65	81	4
				28	42	56	70	5
				24	37	49	61	6
Ca	Chancellor-Tetonka silty clay loams	Chancellor	65	65	90	108	123	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
Ca	Chancellor-Tetonka silty clay loams	Tetonka	25	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
Cd	Chancellor-Viborg silty clay loams	Chancellor	55	65	90	108	123	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
Cd	Chancellor-Viborg silty clay loams	Viborg	35	87	118	141	159	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
Ch	Chancellor-Wakonda-Tetonka complex	Chancellor	35	65	90	108	123	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
Ch	Chancellor-Wakonda-Tetonka complex	Wakonda	35	85	115	137	155	0
				60	88	112	130	1
				46	69	91	109	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Ch	Chancellor-Wakonda-Tetonka complex	Tetonka	20	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
Co	Clamo silty clay loam	Clamo	90	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
CpD2	Crofton-Nora silt loams, 9 to 17 percent slopes, eroded	Crofton	45	165	219	257	287	0
				90	136	177	212	1
				62	93	125	156	2
				47	71	95	119	3
				38	58	77	96	4
				32	48	64	80	5
				28	42	55	69	6
CpD2	Crofton-Nora silt loams, 9 to 17 percent slopes, eroded	Nora	35	87	119	142	160	0
				61	90	114	134	1
				47	70	92	112	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
Da	Davis loam	Davis	95	84	114	136	154	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
DeA	Delmont loam, 0 to 2 percent slopes	Delmont	85	486	626	726	802	0
				142	213	283	354	1
				83	124	166	207	2
				59	88	117	147	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
DeB	Delmont loam, 2 to 6 percent slopes	Delmont	90	486	626	726	802	0
				142	213	283	354	1
				83	124	166	207	2
				59	88	117	147	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
DgB	Delmont-Graceville complex, 2 to 6 percent slopes	Delmont	45	486	626	726	802	0
				142	213	283	354	1
				83	124	166	207	2
				59	88	117	147	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
DgB	Delmont-Graceville complex, 2 to 6 percent slopes	Graceville	35	295	384	448	496	0
				119	179	238	297	1
				75	112	149	187	2
				54	82	109	136	3
				43	64	86	107	4
				35	53	70	88	5
				30	45	60	75	6
DkB	Delmont and Talmo soils, 2 to 9 percent slopes	Delmont	45	486	626	726	802	0
				142	213	283	354	1
				83	124	166	207	2
				59	88	117	147	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
DkB	Delmont and Talmo soils, 2 to 9 percent slopes	Talmo	45	458	591	686	758	0
				139	209	278	348	1
				82	123	164	205	2
				58	87	116	145	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
DmA	Dempster silt loam, 0 to 2 percent slopes	Dempster	90	502	646	750	828	0
				143	215	286	358	1
				83	125	167	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
DmB	Dempster silt loam, 2 to 6 percent slopes	Dempster	90	502	646	750	828	0
				143	215	286	358	1
				83	125	167	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				31	47	63	78	6
EaB	Egan silty clay loam, 3 to 6 percent slopes	Egan	80	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
EcB	Egan-Chancellor silty clay loams, 0 to 4 percent slopes	Egan	50	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
EcB	Egan-Chancellor silty clay loams, 0 to 4 percent slopes	Chancellor	30	65	90	108	123	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
EsB	Egan-Shindler complex, 2 to 6 percent slopes	Egan	55	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
EsB	Egan-Shindler complex, 2 to 6 percent slopes	Shindler	35	36	51	63	73	0
				31	44	56	66	1
				26	39	51	60	2
				23	35	46	55	3
				21	31	41	51	4
				19	28	38	46	5
				17	26	35	43	6
EsC	Egan-Shindler complex, 6 to 9 percent slopes	Egan	50	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
EsC	Egan-Shindler complex, 6 to 9 percent slopes	Shindler	40	36	51	63	73	0
				31	44	56	66	1
				26	39	51	60	2
				23	35	46	55	3
				21	31	41	51	4
				19	28	38	46	5
				17	26	35	43	6
EwB	Egan-Worthing complex, 0 to 6 percent slopes	Egan	50	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
EwB	Egan-Worthing complex, 0 to 6 percent slopes	Worthing	30	46	65	80	91	0
				37	55	70	82	1
				32	47	61	73	2
				27	41	54	66	3
				24	36	48	59	4
				21	32	43	53	5
				19	29	39	48	6
Gr	Graceville silty clay loam	Graceville	90	295	384	448	496	0
				119	179	238	297	1
				75	112	149	187	2
				54	82	109	136	3
				43	64	86	107	4
				35	53	70	88	5
				30	45	60	75	6
HuA	Huntimer silty clay loam, 0 to 2 percent slopes	Huntimer	95	66	90	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	80	3
				28	43	57	70	4
				25	37	50	62	5
				22	33	44	55	6
La	Lamo silty clay loam	Lamo	90	61	85	103	116	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
Lu	Luton silty clay	Luton	90	45	63	77	88	0
				37	53	68	79	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				31	46	60	71	2
				27	40	53	64	3
				24	36	47	58	4
				21	32	42	52	5
				19	29	38	48	6
Mh	Baltic silty clay loam, ponded	Baltic	85	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
MoA	Moody silty clay loam, 0 to 2 percent slopes	Moody	90	84	114	136	153	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
MoB	Moody silty clay loam, 2 to 6 percent slopes	Moody	85	84	114	136	153	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
MpB	Moody-Nora silty clay loams, 2 to 6 percent slopes	Moody	60	84	114	136	153	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
MpB	Moody-Nora silty clay loams, 2 to 6 percent slopes	Nora	30	87	119	142	160	0
				61	90	114	134	1
				47	70	92	112	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
MpC2	Moody-Nora silty clay loams, 6 to 10 percent slopes, eroded	Moody	45	84	114	136	153	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
MpC2	Moody-Nora silty clay loams, 6 to 10 percent slopes, eroded	Nora	35	87	119	142	160	0
				61	90	114	134	1
				47	70	92	112	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
Sa	Salmo silty clay loam, very wet	Salmo	90	64	88	106	121	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
ShD	Shindler clay loam, 9 to 15 percent slopes	Shindler	85	36	51	63	73	0
				31	44	56	66	1
				26	39	51	60	2
				23	35	46	55	3
				21	31	41	51	4
				19	28	38	46	5
				17	26	35	43	6
ShF	Shindler clay loam, 25 to 40 percent slopes	Shindler	90	36	51	63	73	0
				31	44	56	66	1
				26	39	51	60	2
				23	35	46	55	3
				21	31	41	51	4
				19	28	38	46	5
				17	26	35	43	6
SkD2	Shindler-Egan complex, 9 to 15 percent slopes, eroded	Shindler	55	36	51	63	73	0
				31	44	56	66	1
				26	39	51	60	2
				23	35	46	55	3
				21	31	41	51	4
				19	28	38	46	5
				17	26	35	43	6
SkD2	Shindler-Egan complex, 9 to 15 percent slopes, eroded	Egan	30	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				21	31	42	52	6
SmF	Shindler-Renner complex, 15 to 40 percent slopes	Shindler	55	36	51	63	73	0
				31	44	56	66	1
				26	39	51	60	2
				23	35	46	55	3
				21	31	41	51	4
				19	28	38	46	5
				17	26	35	43	6
SmF	Shindler-Renner complex, 15 to 40 percent slopes	Renner	35	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
StD	Shindler and Talmo soils, 6 to 30 percent slopes	Shindler	45	36	51	63	73	0
				31	44	56	66	1
				26	39	51	60	2
				23	35	46	55	3
				21	31	41	51	4
				19	28	38	46	5
				17	26	35	43	6
StD	Shindler and Talmo soils, 6 to 30 percent slopes	Talmo	45	458	591	686	758	0
				139	209	278	348	1
				82	123	164	205	2
				58	87	116	145	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
SuF	Steinauer-Shindler clay loams, 24 to 40 percent slopes	Steinauer	50	46	64	78	90	0
				37	54	68	80	1
				32	47	60	72	2
				27	41	53	65	3
				24	36	48	58	4
				21	32	43	53	5
				19	29	39	48	6
SuF	Steinauer-Shindler clay loams, 24 to 40 percent slopes	Shindler	40	36	51	63	73	0
				31	44	56	66	1
				26	39	51	60	2
				23	35	46	55	3
				21	31	41	51	4
				19	28	38	46	5
				17	26	35	43	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Te	Tetonka silty clay loam	Tetonka	90	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
ThB	Thurman fine sandy loam, 2 to 6 percent slopes	Thurman	95	252	329	385	427	0
				112	167	223	273	1
				72	107	143	179	2
				53	79	105	132	3
				42	63	83	104	4
				35	52	69	86	5
				29	44	59	74	6
ThC	Thurman fine sandy loam, 6 to 9 percent slopes	Thurman	95	252	329	385	427	0
				112	167	223	273	1
				72	107	143	179	2
				53	79	105	132	3
				42	63	83	104	4
				35	52	69	86	5
				29	44	59	74	6
WeA	Wentworth silty clay loam, 0 to 2 percent slopes	Wentworth	80	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
WhA	Wentworth-Chancellor silty clay loams, 0 to 2 percent slopes	Wentworth	55	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
WhA	Wentworth-Chancellor silty clay loams, 0 to 2 percent slopes	Chancellor	25	65	90	108	123	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
Wk	Whitewood silty clay loam, 0 to 2 percent slopes	Whitewood	80	78	106	127	144	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				56	83	105	122	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
Ws	Worthing silty clay	Worthing	90	46	65	80	91	0
				37	55	70	82	1
				32	47	61	73	2
				27	41	54	66	3
				24	36	48	59	4
				21	32	43	53	5
				19	29	39	48	6

South Dakota Lateral Effect Tables for Lyman

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
AaA	Agar silt loam, 0 to 3 percent slopes	Agar	90	116	155	184	206	0
				73	110	140	165	1
				54	81	107	131	2
				42	64	85	106	3
				35	52	70	87	4
				30	45	59	74	5
				26	39	52	65	6
AaB	Agar silt loam, 3 to 6 percent slopes	Agar	90	116	155	184	206	0
				73	110	140	165	1
				54	81	107	131	2
				42	64	85	106	3
				35	52	70	87	4
				30	45	59	74	5
				26	39	52	65	6
AaC	Agar silt loam, 6 to 9 percent slopes	Agar	85	116	155	184	206	0
				73	110	140	165	1
				54	81	107	131	2
				42	64	85	106	3
				35	52	70	87	4
				30	45	59	74	5
				26	39	52	65	6
Bg	Bigbend silt loam	Bigbend	85	161	213	251	280	0
				89	134	174	209	1
				62	93	123	154	2
				47	71	94	118	3
				38	57	76	95	4
				32	48	64	80	5
				28	41	55	69	6
BuA	Bullcreek clay, 0 to 6 percent slopes	Bullcreek	85	58	80	97	110	0
				45	65	83	97	1
				37	55	71	85	2
				31	46	61	75	3
				27	40	54	66	4
				24	35	47	59	5
				21	32	42	53	6
BxA	slopes	Bullcreek	60	58	80	97	110	0
				45	65	83	97	1
				37	55	71	85	2
				31	46	61	75	3
				27	40	54	66	4
				24	35	47	59	5
				21	32	42	53	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
CeA	Carter silt loam, 0 to 4 percent slopes	Carter	85	109	147	174	195	0
				71	106	134	158	1
				52	78	104	127	2
				41	62	83	104	3
				34	51	69	86	4
				29	44	59	73	5
				26	38	51	64	6
FaA	Fairlo silt loam, 0 to 3 percent slopes	Fairlo	85	131	175	207	231	0
				79	119	152	181	1
				57	85	113	140	2
				44	66	88	111	3
				36	54	72	91	4
				31	46	61	77	5
				27	40	53	66	6
FaB	Fairlo silt loam, 3 to 6 percent slopes	Fairlo	90	131	175	207	231	0
				79	119	152	181	1
				57	85	113	140	2
				44	66	88	111	3
				36	54	72	91	4
				31	46	61	77	5
				27	40	53	66	6
Fp	Norway loamy fine sand	Norway	90	351	454	529	585	0
				127	191	255	318	1
				78	117	156	195	2
				56	84	112	140	3
				44	66	88	109	4
				36	54	72	90	5
				30	46	61	76	6
Hm	Hilmoe silty clay	Hilmoe	90	90	122	146	164	0
				62	93	117	137	1
				47	71	94	113	2
				38	57	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	37	49	61	6
Ho	Hoven silt loam	Hoven	90	65	89	107	122	0
				49	72	91	106	1
				39	59	76	92	2
				33	49	65	80	3
				28	42	56	70	4
				25	37	49	62	5
				22	33	44	55	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
HrA	Capa silt loam, 0 to 6 percent slopes	Capa	85	71	97	117	132	0
				52	77	98	114	1
				41	62	81	98	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
In	Inavale loamy fine sand	Inavale	90	252	328	384	426	0
				111	167	223	273	1
				72	107	143	179	2
				53	79	105	132	3
				42	63	83	104	4
				35	52	69	86	5
				29	44	59	74	6
Ko	Kolls silty clay	Kolls	90	54	76	92	105	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	35	46	57	5
				21	31	41	52	6
Kp	Kolls silty clay, ponded	Kolls	90	54	76	92	105	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	35	46	57	5
				21	31	41	52	6
LoA	Lowry silt loam, 0 to 2 percent slopes	Lowry	90	163	216	254	283	0
				90	135	176	210	1
				62	93	124	155	2
				47	71	95	118	3
				38	57	77	96	4
				32	48	64	80	5
				28	42	55	69	6
LoB	Lowry silt loam, 2 to 6 percent slopes	Lowry	90	163	216	254	283	0
				90	135	176	210	1
				62	93	124	155	2
				47	71	95	118	3
				38	57	77	96	4
				32	48	64	80	5
				28	42	55	69	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
LoC	Lowry silt loam, 6 to 9 percent slopes	Lowry	95	163	216	254	283	0
				90	135	176	210	1
				62	93	124	155	2
				47	71	95	118	3
				38	57	77	96	4
				32	48	64	80	5
				28	42	55	69	6
LrD	Lowry-Sully silt loams, 9 to 25 percent slopes	Lowry	50	163	216	254	283	0
				90	135	176	210	1
				62	93	124	155	2
				47	71	95	118	3
				38	57	77	96	4
				32	48	64	80	5
				28	42	55	69	6
LrD	Lowry-Sully silt loams, 9 to 25 percent slopes	Sully	40	131	174	206	230	0
				79	119	152	180	1
				57	85	113	140	2
				44	66	88	110	3
				36	54	72	90	4
				31	46	61	77	5
				27	40	53	66	6
McA	McClure silt loam, 0 to 3 percent slopes	McClure	90	79	107	129	145	0
				56	83	106	124	1
				44	66	86	105	2
				36	54	72	89	3
				31	46	61	76	4
				27	40	53	66	5
				23	35	47	59	6
McB	McClure silt loam, 3 to 6 percent slopes	McClure	85	79	107	129	145	0
				56	83	106	124	1
				44	66	86	105	2
				36	54	72	89	3
				31	46	61	76	4
				27	40	53	66	5
				23	35	47	59	6
McC	McClure silt loam, 6 to 9 percent slopes	McClure	90	79	107	129	145	0
				56	83	106	124	1
				44	66	86	105	2
				36	54	72	89	3
				31	46	61	76	4
				27	40	53	66	5
				23	35	47	59	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
MlA	Millboro silty clay loam, 0 to 3 percent slopes	Millboro	85	65	89	107	122	0
				49	72	91	106	1
				39	59	76	92	2
				33	49	65	80	3
				28	42	56	70	4
				25	37	49	62	5
				22	33	44	55	6
MlB	Millboro silty clay loam, 3 to 6 percent slopes	Millboro	85	65	89	107	122	0
				49	72	91	106	1
				39	59	76	92	2
				33	49	65	80	3
				28	42	56	70	4
				25	37	49	62	5
				22	33	44	55	6
MlC	Millboro silty clay loam, 6 to 9 percent slopes	Millboro	90	65	89	107	122	0
				49	72	91	106	1
				39	59	76	92	2
				33	49	65	80	3
				28	42	56	70	4
				25	37	49	62	5
				22	33	44	55	6
MmA	Millboro silty clay, 0 to 3 percent slopes	Millboro	90	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	57	6
MmB	Millboro silty clay, 3 to 6 percent slopes	Millboro	90	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	57	6
MnB	Millboro-Boro silty clays, 2 to 6 percent slopes	Millboro	50	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	57	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
MnB	Millboro-Boro silty clays, 2 to 6 percent slopes	Boro	40	74	101	121	137	0
				54	79	101	118	1
				42	64	83	101	2
				35	53	70	86	3
				30	45	60	74	4
				26	39	52	65	5
				23	34	46	57	6
MnC	Millboro-Boro silty clays, 6 to 9 percent slopes	Millboro	45	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	57	6
MnC	Millboro-Boro silty clays, 6 to 9 percent slopes	Boro	40	74	101	121	137	0
				54	79	101	118	1
				42	64	83	101	2
				35	53	70	86	3
				30	45	60	74	4
				26	39	52	65	5
				23	34	46	57	6
Mp	Mobridge silt loam	Mobridge	90	121	161	191	214	0
				75	113	144	170	1
				55	82	109	134	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
Mr	Munjor fine sandy loam	Munjor	85	183	241	283	316	0
				96	144	190	226	1
				65	97	129	162	2
				49	73	98	122	3
				39	59	79	98	4
				33	49	66	82	5
				28	42	56	71	6
Mv	Munjor-Inavale complex	Munjor	65	183	241	283	316	0
				96	144	190	226	1
				65	97	129	162	2
				49	73	98	122	3
				39	59	79	98	4
				33	49	66	82	5
				28	42	56	71	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Mv	Munjor-Inavale complex	Inavale	25	252	328	384	426	0
				111	167	223	273	1
				72	107	143	179	2
				53	79	105	132	3
				42	63	83	104	4
				35	52	69	86	5
				29	44	59	74	6
Ok	Onita silt loam	Onita	85	104	140	166	187	0
				68	103	129	152	1
				51	76	102	123	2
				41	61	81	102	3
				34	51	68	84	4
				29	43	58	72	5
				25	38	50	63	6
Or	Orthents, loamy	Orthents	80	55	77	94	106	0
				43	63	80	94	1
				36	53	69	83	2
				30	45	60	73	3
				26	39	53	65	4
				23	35	46	58	5
				21	31	42	52	6
OrB	Orton loam, 2 to 7 percent slopes	Orton	90	236	309	361	401	0
				108	163	217	263	1
				70	105	141	176	2
				52	78	104	130	3
				41	62	83	103	4
				34	51	68	86	5
				29	44	58	73	6
OtA	Orton variant loam, 0 to 2 percent slopes	Orton	90	85	115	137	155	0
				59	88	111	131	1
				46	69	90	109	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
OvB	percent slopes	Orton	55	83	113	136	153	0
				59	87	110	129	1
				45	68	90	108	2
				37	56	74	91	3
				31	47	62	78	4
				27	41	54	68	5
				24	36	48	60	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
OvB	percent slopes	Valentine	30	281	366	427	474	0
				117	175	234	290	1
				74	111	148	184	2
				54	81	108	135	3
				42	64	85	106	4
				35	53	70	88	5
				30	45	60	75	6
Pg	Pits, gravel	Orthents	99	553	711	824	910	0
				147	220	294	367	1
				85	127	169	212	2
				59	89	119	149	3
				46	69	92	115	4
				37	56	75	93	5
				31	47	63	79	6
PoA	Promise clay, 0 to 3 percent slopes	Promise	90	89	121	145	163	0
				62	92	116	136	1
				47	71	93	113	2
				38	57	76	95	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
PoB	Promise clay, 3 to 6 percent slopes	Promise	90	89	121	145	163	0
				62	92	116	136	1
				47	71	93	113	2
				38	57	76	95	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
PoC	Promise clay, 6 to 9 percent slopes	Promise	90	89	121	145	163	0
				62	92	116	136	1
				47	71	93	113	2
				38	57	76	95	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
PrA	Promise-Capa complex, 0 to 4 percent slopes	Promise	60	89	121	145	163	0
				62	92	116	136	1
				47	71	93	113	2
				38	57	76	95	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
PrA	Promise-Capa complex, 0 to 4 percent slopes	Capa	30	71	97	117	132	0
				52	77	98	114	1
				41	62	81	98	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
ReB	Ree silt loam, 2 to 6 percent slopes	Ree	90	90	122	145	163	0
				62	92	116	137	1
				47	71	94	113	2
				38	57	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	36	49	61	6
ReC	Ree silt loam, 6 to 9 percent slopes	Ree	90	90	122	145	163	0
				62	92	116	137	1
				47	71	94	113	2
				38	57	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	36	49	61	6
RlA	Reliance silty clay loam, 0 to 3 percent slopes	Reliance	90	96	129	154	173	0
				65	97	122	143	1
				49	73	98	118	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
RlB	Reliance silty clay loam, 3 to 6 percent slopes	Reliance	90	96	129	154	173	0
				65	97	122	143	1
				49	73	98	118	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
RlC	Reliance silty clay loam, 6 to 9 percent slopes	Reliance	90	96	129	154	173	0
				65	97	122	143	1
				49	73	98	118	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
RsE	percent slopes	Rockoutcrop	65	56	78	95	108	0
				44	64	81	96	1
				36	54	70	84	2
				31	46	60	74	3
				27	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
ScE	percent slopes	Rockoutcrop	35	56	78	95	108	0
				44	64	81	96	1
				36	54	70	84	2
				31	46	60	74	3
				27	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
SeE	slopes	Schamber	30	224	293	343	381	0
				106	158	211	255	1
				69	104	138	173	2
				51	77	103	128	3
				41	61	82	102	4
				34	51	68	85	5
				29	44	58	73	6
ShE	Schamber loam, 6 to 40 percent slopes	Schamber	85	224	293	343	381	0
				106	158	211	255	1
				69	104	138	173	2
				51	77	103	128	3
				41	61	82	102	4
				34	51	68	85	5
				29	44	58	73	6
SlE	Sully silt loam, 15 to 40 percent slopes	Sully	90	131	174	206	230	0
				79	119	152	180	1
				57	85	113	140	2
				44	66	88	110	3
				36	54	72	90	4
				31	46	61	77	5
				27	40	53	66	6
VaD	Valentine fine sand, 6 to 25 percent slopes	Valentine	85	281	366	427	474	0
				117	175	234	290	1
				74	111	148	184	2
				54	81	108	135	3
				42	64	85	106	4
				35	53	70	88	5
				30	45	60	75	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Wd	Wendte silty clay, channeled	Wendte	85	77	105	126	142	0
				56	82	104	121	1
				43	65	85	103	2
				36	54	71	87	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	46	58	6
Wt	Witten silty clay	Witten	85	87	119	142	159	0
				61	90	114	134	1
				47	70	92	111	2
				38	57	76	93	3
				32	48	64	80	4
				27	41	55	69	5
				24	36	48	60	6
***NOTE:**	The following soils have a barrier layer less than eight (8) feet and must be calculated using a different method.							
BxA	slopes	Slickspots	30	barrier	barrier	barrier	barrier	0
ChB	Chantier clay, 2 to 9 percent slopes	Chantier	90	barrier	barrier	barrier	barrier	0
LaB	Lakoma silty clay, 2 to 6 percent slopes	Lakoma	95	barrier	barrier	barrier	barrier	0
LaC	Lakoma silty clay, 6 to 9 percent slopes	Lakoma	85	barrier	barrier	barrier	barrier	0
LbD	slopes	Lakoma	50	barrier	barrier	barrier	barrier	0
LbD	slopes	Okaton	35	barrier	barrier	barrier	barrier	0
LcE	slopes	Lakoma	45	barrier	barrier	barrier	barrier	0
LcE	slopes	Okaton	35	barrier	barrier	barrier	barrier	0
OhE	slopes	Okaton	55	barrier	barrier	barrier	barrier	0
OhE	slopes	Lakoma	30	barrier	barrier	barrier	barrier	0
OlA	Opal clay, 0 to 3 percent slopes	Opal	90	barrier	barrier	barrier	barrier	0
OlB	Opal clay, 3 to 6 percent slope	Opal	90	barrier	barrier	barrier	barrier	0
OlC	Opal clay, 6 to 9 percent slopes	Opal	90	barrier	barrier	barrier	barrier	0
OmC	Opal-Chantier clays, 2 to 9 percent slope	Opal	50	barrier	barrier	barrier	barrier	0
OmC	Opal-Chantier clays, 2 to 9 percent slope	Chantier	35	barrier	barrier	barrier	barrier	0
OnD	Opal-Sansarc clays, 6 to 15 percent slopes	Opal	60	barrier	barrier	barrier	barrier	0
OnD	Opal-Sansarc clays, 6 to 15 percent slopes	Sansarc	25	barrier	barrier	barrier	barrier	0
RsE	percent slopes	Sansarc	20	barrier	barrier	barrier	barrier	0
SaE	Sansarc clay, 15 to 40 percent slopes	Sansarc	85	barrier	barrier	barrier	barrier	0
SbE	Sansarc-Opal clays, 9 to 40 percent slopes	Sansarc	50	barrier	barrier	barrier	barrier	0
SbE	Sansarc-Opal clays, 9 to 40 percent slopes	Opal	40	barrier	barrier	barrier	barrier	0
ScE	percent slopes	Sansarc	50	barrier	barrier	barrier	barrier	0
SeE	slopes	Sansarc	50	barrier	barrier	barrier	barrier	0

South Dakota Lateral Effect Tables for Marshall County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
AaA	Aastad loam, 0 to 2 percent slopes	Aastad	90	39	56	69	79	0
				33	48	61	72	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6
AbA	Aberdeen-Exline silty clay loams, 0 to 2 percent slopes	Aberdeen	45	106	142	169	189	0
				69	104	131	154	1
				51	77	103	124	2
				41	61	82	102	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	63	6
AbA	Aberdeen-Exline silty clay loams, 0 to 2 percent slopes	Exline	30	78	106	127	143	0
				56	83	105	122	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
Ar	Arveson fine sandy loam	Arveson	85	136	180	213	238	0
				81	121	156	185	1
				58	86	115	143	2
				45	67	89	112	3
				37	55	73	91	4
				31	46	62	77	5
				27	40	54	67	6
AsE	Arvilla-Sioux loams, 9 to 25 percent slopes	Arvilla	60	361	468	545	602	0
				129	193	257	322	1
				78	117	157	196	2
				56	84	113	141	3
				44	66	88	110	4
				36	54	72	90	5
				31	46	61	76	6
AsE	Arvilla-Sioux loams, 9 to 25 percent slopes	Sioux	25	436	562	653	722	0
				137	206	274	343	1
				81	122	163	203	2
				58	87	116	145	3
				45	67	90	112	4
				37	55	73	92	5
				31	46	62	77	6
Ba	Bearden silt loam	Bearden	90	71	97	117	132	0
				52	77	98	114	1
				42	62	81	98	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
BdA	Bearden-Tonka silt loams, 0 to 3 percent slopes	Bearden	50	71	97	117	132	0
				52	77	98	114	1
				42	62	81	98	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
BdA	Bearden-Tonka silt loams, 0 to 3 percent slopes	Tonka	30	70	97	116	131	0
				52	76	97	113	1
				41	62	81	98	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
Be	Marysland-Divide loams	Marysland	45	537	691	801	885	0
				146	219	291	364	1
				84	126	169	211	2
				59	89	119	148	3
				46	69	91	114	4
				37	56	74	93	5
				31	47	63	78	6
Be	Marysland-Divide loams	Divide	40	469	605	702	776	0
				140	210	280	351	1
				82	124	165	206	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
BfA	Beotia silt loam, 0 to 2 percent slopes	Beotia	90	120	160	189	212	0
				75	113	143	169	1
				55	82	109	133	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
BfB	Beotia silt loam, 2 to 6 percent slopes	Beotia	90	120	160	189	212	0
				75	113	143	169	1
				55	82	109	133	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
BhA	Beotia-Bearden silt loams, 0 to 3 percent slopes	Beotia	55	120	160	189	212	0
				75	113	143	169	1
				55	82	109	133	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
BhA	Beotia-Bearden silt loams, 0 to 3 percent slopes	Bearden	35	71	97	117	132	0
				52	77	98	114	1
				42	62	81	98	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
BkE	Buse-Forman loams, 9 to 21 percent slopes	Buse	45	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
BkE	Buse-Forman loams, 9 to 21 percent slopes	Forman	30	65	89	108	122	0
				49	72	91	107	1
				39	59	76	92	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
BkF	Buse-Forman loams, 21 to 40 percent slopes	Buse	55	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
BkF	Buse-Forman loams, 21 to 40 percent slopes	Forman	20	65	89	108	122	0
				49	72	91	107	1
				39	59	76	92	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
BmF	Buse-Forman stony complex, 9 to 40 percent slopes	Buse	55	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
BmF	Buse-Forman stony complex, 9 to 40 percent slopes	Forman	25	65	89	108	122	0
				49	72	91	107	1
				39	59	76	92	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
BsE	Buse-Sioux complex, 15 to 21 percent slopes	Buse	40	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
BsE	Buse-Sioux complex, 15 to 21 percent slopes	Sioux	35	436	562	653	722	0
				137	206	274	343	1
				81	122	163	203	2
				58	87	116	145	3
				45	67	90	112	4
				37	55	73	92	5
				31	46	62	77	6
BtE	Buse-Sioux stony complex, 9 to 40 percent slopes	Buse	40	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
BtE	Buse-Sioux stony complex, 9 to 40 percent slopes	Sioux	40	436	562	653	722	0
				137	206	274	343	1
				81	122	163	203	2
				58	87	116	145	3
				45	67	90	112	4
				37	55	73	92	5
				31	46	62	77	6
Co	Colvin silty clay loam	Colvin	90	74	102	122	138	0
				54	80	102	118	1
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	34	46	57	6
Do	Castlewood silty clay	Castlewood	90	64	88	107	121	0
				48	71	90	106	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
EdB	Edgeley loam, 2 to 6 percent slopes	Edgeley	90	45	53	barrier	barrier	0
				37	49	barrier	barrier	1
				31	46	barrier	barrier	2
				27	40	barrier	barrier	3
				24	36	barrier	barrier	4
				21	32	barrier	barrier	5
				19	29	barrier	barrier	6
EdC	Edgeley loam, 6 to 9 percent slopes	Edgeley	85	45	53	barrier	barrier	0
				37	49	barrier	barrier	1
				31	46	barrier	barrier	2
				27	40	barrier	barrier	3
				24	36	barrier	barrier	4
				21	32	barrier	barrier	5
				19	29	barrier	barrier	6
EdD	Edgeley loam, 9 to 15 percent slopes	Edgeley	85	45	53	barrier	barrier	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				37	49	barrier	barrier	1
				31	46	barrier	barrier	2
				27	40	barrier	barrier	3
				24	36	barrier	barrier	4
				21	32	barrier	barrier	5
				19	29	barrier	barrier	6
EmA	Embden fine sandy loam, 0 to 2 percent slopes	Embden	90	84	114	137	154	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
EmB	Embden fine sandy loam, 2 to 6 percent slopes	Embden	90	84	114	137	154	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
EnC	Embden-Buse complex, 2 to 9 percent slopes	Embden	60	84	114	137	154	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
EnC	Embden-Buse complex, 2 to 9 percent slopes	Buse	20	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
EsA	Estelline silt loam, 0 to 2 percent slopes	Estelline	90	591	760	880	971	0
				149	224	299	374	1
				86	128	171	214	2
				60	90	120	150	3
				46	69	92	115	4
				37	56	75	94	5
				32	47	63	79	6
ExA	Exline-Aberdeen silty clay loams, 0 to 2 percent slopes	Exline	50	78	106	127	143	0
				56	83	105	122	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
ExA	Exline-Aberdeen silty clay loams, 0 to 2 percent slopes	Aberdeen	40	104	140	167	187	0
				68	103	129	153	1
				51	76	102	123	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				41	61	81	102	3
				34	51	68	84	4
				29	43	58	72	5
				25	38	50	63	6
FoA	Fordville loam, 0 to 2 percent slopes	Fordville	90	174	229	269	300	0
				93	140	183	219	1
				64	95	127	159	2
				48	72	96	120	3
				39	58	78	97	4
				33	49	65	81	5
				28	42	56	70	6
FoB	Fordville loam, 2 to 6 percent slopes	Fordville	90	174	229	269	300	0
				93	140	183	219	1
				64	95	127	159	2
				48	72	96	120	3
				39	58	78	97	4
				33	49	65	81	5
				28	42	56	70	6
FrA	Forman-Aastad loams, 0 to 2 percent slopes	Forman	60	65	89	108	122	0
				49	72	91	107	1
				39	59	76	92	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
FrA	Forman-Aastad loams, 0 to 2 percent slopes	Aastad	25	39	56	69	79	0
				33	48	61	72	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6
FrB	Forman-Aastad loams, 2 to 6 percent slopes	Forman	60	65	89	108	122	0
				49	72	91	107	1
				39	59	76	92	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
FrB	Forman-Aastad loams, 2 to 6 percent slopes	Aastad	25	39	56	69	79	0
				33	48	61	72	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6
FrC	Forman-Aastad loams, 6 to 9 percent slopes	Forman	60	65	89	108	122	0
				49	72	91	107	1
				39	59	76	92	2
				33	49	66	80	3
				28	42	57	70	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				25	37	50	62	5
				22	33	44	55	6
FrC	Forman-Aastad loams, 6 to 9 percent slopes	Aastad	25	39	56	69	79	0
				33	48	61	72	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6
FrD	Forman-Aastad loams, 9 to 15 percent slopes	Forman	55	65	89	108	122	0
				49	72	91	107	1
				39	59	76	92	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
FrD	Forman-Aastad loams, 9 to 15 percent slopes	Aastad	25	39	56	69	79	0
				33	48	61	72	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6
FsC2	Forman-Buse loams, 6 to 9 percent slopes, eroded	Forman	55	65	89	108	122	0
				49	72	91	107	1
				39	59	76	92	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
FsC2	Forman-Buse loams, 6 to 9 percent slopes, eroded	Buse	25	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
FsE	Forman-Buse loams, 15 to 25 percent slopes	Forman	55	65	89	108	122	0
				49	72	91	107	1
				39	59	76	92	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
FsE	Forman-Buse loams, 15 to 25 percent slopes	Buse	25	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4
				20	30	39	48	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				18	27	36	44	6
FtD	Forman-Buse stony complex, 6 to 21 percent slopes	Forman	55	65	89	108	122	0
				49	72	91	107	1
				39	59	76	92	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
FtD	Forman-Buse stony complex, 6 to 21 percent slopes	Buse	25	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
FxC	Forman-Poinsett complex, 6 to 9 percent slopes	Forman	40	65	89	108	122	0
				49	72	91	107	1
				39	59	76	92	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
FxC	Forman-Poinsett complex, 6 to 9 percent slopes	Poinsett	25	109	146	174	195	0
				71	106	134	158	1
				52	78	104	126	2
				41	62	83	103	3
				34	51	69	86	4
				29	44	59	73	5
				26	38	51	64	6
FxD	Forman-Poinsett complex, 9 to 15 percent slopes	Forman	40	65	89	108	122	0
				49	72	91	107	1
				39	59	76	92	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
FxD	Forman-Poinsett complex, 9 to 15 percent slopes	Poinsett	25	109	146	174	195	0
				71	106	134	158	1
				52	78	104	126	2
				41	62	83	103	3
				34	51	69	86	4
				29	44	59	73	5
				26	38	51	64	6
GbB	Great Bend silt loam, 2 to 6 percent slopes	Great Bend	85	130	173	205	229	0
				79	118	151	180	1
				57	85	113	139	2
				44	66	88	110	3
				36	54	72	90	4
				31	46	61	76	5
				27	40	53	66	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
GdA	Great Bend-Beotia silt loams, 0 to 2 percent slopes	Great Bend	60	130	173	205	229	0
				79	118	151	180	1
				57	85	113	139	2
				44	66	88	110	3
				36	54	72	90	4
				31	46	61	76	5
				27	40	53	66	6
GdA	Great Bend-Beotia silt loams, 0 to 2 percent slopes	Beotia	30	120	160	189	212	0
				75	113	143	169	1
				55	82	109	133	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
GeB	Great Bend-Zell silt loams, 2 to 6 percent slopes	Great Bend	70	130	174	205	230	0
				79	118	151	180	1
				57	85	113	139	2
				44	66	88	110	3
				36	54	72	90	4
				31	46	61	76	5
				27	40	53	66	6
GeB	Great Bend-Zell silt loams, 2 to 6 percent slopes	Zell	20	173	228	268	299	0
				93	139	183	218	1
				63	95	127	158	2
				48	72	96	120	3
				39	58	78	97	4
				32	49	65	81	5
				28	42	56	70	6
GeC	Great Bend-Zell silt loams, 6 to 9 percent slopes	Great Bend	65	130	174	205	230	0
				79	118	151	180	1
				57	85	113	139	2
				44	66	88	110	3
				36	54	72	90	4
				31	46	61	76	5
				27	40	53	66	6
GeC	Great Bend-Zell silt loams, 6 to 9 percent slopes	Zell	25	173	228	268	299	0
				93	139	183	218	1
				63	95	127	158	2
				48	72	96	120	3
				39	58	78	97	4
				32	49	65	81	5
				28	42	56	70	6
Ha	Hamar loamy fine sand	Hamar	85	278	362	422	468	0
				116	174	233	288	1
				74	110	147	184	2
				54	81	108	134	3
				42	64	85	106	4
				35	52	70	87	5
				30	45	60	74	6
Hd	Hamar fine sandy loam	Hamar	90	384	496	577	638	0
				132	197	263	329	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				79	119	159	198	2
				57	85	114	142	3
				44	66	88	111	4
				36	54	72	91	5
				31	46	61	77	6
HeA	Harmony-Aberdeen silty clay loams, 0 to 2 percent slopes	Harmony	60	90	122	146	164	0
				62	92	117	137	1
				47	71	94	113	2
				38	57	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	36	49	61	6
HeA	Harmony-Aberdeen silty clay loams, 0 to 2 percent slopes	Aberdeen	25	104	140	167	187	0
				68	103	129	153	1
				51	76	102	123	2
				41	61	81	102	3
				34	51	68	84	4
				29	43	58	72	5
				25	38	50	63	6
HfA	Hecla loamy fine sand, 0 to 3 percent slopes	Hecla	90	189	248	291	324	0
				97	146	193	230	1
				65	98	131	163	2
				49	74	99	123	3
				40	59	79	99	4
				33	50	66	83	5
				28	43	57	71	6
HhA	Hecla-Hamar loamy fine sands, 0 to 3 percent slopes	Hecla	60	189	248	291	324	0
				97	146	193	230	1
				65	98	131	163	2
				49	74	99	123	3
				40	59	79	99	4
				33	50	66	83	5
				28	43	57	71	6
HhA	Hecla-Hamar loamy fine sands, 0 to 3 percent slopes	Hamar	30	278	362	422	468	0
				116	174	233	288	1
				74	110	147	184	2
				54	81	108	134	3
				42	64	85	106	4
				35	52	70	87	5
				30	45	60	74	6
HvB2	Hecla-Venlo complex, 0 to 6 percent slopes, eroded	Hecla	60	189	248	291	324	0
				97	146	193	230	1
				65	98	131	163	2
				49	74	99	123	3
				40	59	79	99	4
				33	50	66	83	5
				28	43	57	71	6
HvB2	Hecla-Venlo complex, 0 to 6 percent slopes, eroded	Venlo	25	297	386	450	499	0
				120	179	239	298	1
				75	112	150	187	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				54	82	109	136	3
				43	64	86	107	4
				35	53	71	88	5
				30	45	60	75	6
KbE	Kloten-Buse complex, 15 to 40 percent slopes	Kloten	60	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
KbE	Kloten-Buse complex, 15 to 40 percent slopes	Buse	20	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
KnA	Kranzburg silt loam, 0 to 2 percent slopes	Kranzburg	90	72	98	118	134	0
				53	78	98	115	1
				42	63	82	99	2
				35	52	69	84	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
KnB	Kranzburg silt loam, 2 to 6 percent slopes	Kranzburg	85	72	98	118	134	0
				53	78	98	115	1
				42	63	82	99	2
				35	52	69	84	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
KnC2	Kranzburg silt loam, 6 to 9 percent slopes, eroded	Kranzburg	85	72	98	118	134	0
				53	78	98	115	1
				42	63	82	99	2
				35	52	69	84	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
KrA	Kranzburg-Aberdeen silt loams, 0 to 2 percent slopes	Kranzburg	60	72	98	118	134	0
				53	78	98	115	1
				42	63	82	99	2
				35	52	69	84	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
KrA	Kranzburg-Aberdeen silt loams, 0 to 2 percent slopes	Aberdeen	30	104	140	167	187	0
				68	103	129	153	1
				51	76	102	123	2
				41	61	81	102	3
				34	51	68	84	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				29	43	58	72	5
				25	38	50	63	6
KrB	Kranzburg-Aberdeen silt loams, 2 to 6 percent slopes	Kranzburg	65	72	98	118	134	0
				53	78	98	115	1
				42	63	82	99	2
				35	52	69	84	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
KrB	Kranzburg-Aberdeen silt loams, 2 to 6 percent slopes	Aberdeen	25	104	140	167	187	0
				68	103	129	153	1
				51	76	102	123	2
				41	61	81	102	3
				34	51	68	84	4
				29	43	58	72	5
				25	38	50	63	6
La	Lamoure silty clay loam	Lamoure	85	122	164	194	217	0
				76	114	145	172	1
				55	82	110	135	2
				43	65	86	108	3
				35	53	71	89	4
				30	45	60	75	5
				26	39	52	65	6
Lo	Lamoure silty clay loam, channeled	Lamoure	85	122	164	194	217	0
				76	114	145	172	1
				55	82	110	135	2
				43	65	86	108	3
				35	53	71	89	4
				30	45	60	75	5
				26	39	52	65	6
Lu	Ludden silty clay	Ludden	90	71	97	117	132	0
				52	77	98	114	1
				42	62	81	98	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
MaB	Maddock loamy fine sand, 2 to 6 percent slopes	Maddock	85	223	292	341	379	0
				105	158	211	254	1
				69	104	138	173	2
				51	77	103	128	3
				41	61	82	102	4
				34	51	68	85	5
				29	43	58	72	6
MaD	Maddock loamy fine sand, 6 to 15 percent slopes	Maddock	90	223	292	341	379	0
				105	158	211	254	1
				69	104	138	173	2
				51	77	103	128	3
				41	61	82	102	4
				34	51	68	85	5
				29	43	58	72	6
Mr	Southam silty clay loam	Southam	100	66	91	109	124	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
Od	Oldham silty clay loam	Oldham	90	68	93	112	127	0
				51	74	94	110	1
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
Oh	Oldham silty clay loam, saline	Oldham	90	68	93	112	127	0
				51	74	94	110	1
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
Pa	Parnell silty clay loam	Parnell	85	84	114	137	154	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
PeA	Peever clay loam, 0 to 2 percent slopes	Peever	90	41	58	72	82	0
				34	50	63	75	1
				29	43	56	67	2
				25	38	50	61	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6
PeB	Peever clay loam, 2 to 6 percent slopes	Peever	90	41	58	72	82	0
				34	50	63	75	1
				29	43	56	67	2
				25	38	50	61	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6
PeC	Peever clay loam, 6 to 9 percent slopes	Peever	90	41	59	72	83	0
				34	50	64	75	1
				29	43	57	67	2
				25	38	50	61	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6
PhA	Peever-Hamerly complex, 0 to 2 percent slopes	Peever	50	41	59	72	83	0
				34	50	64	75	1
				29	43	57	67	2
				25	38	50	61	3
				23	34	45	55	4
				20	30	40	50	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				18	28	37	46	6
PhA	Peever-Hamerly complex, 0 to 2 percent slopes	Hamerly	25	56	79	95	108	0
				44	64	82	96	1
				36	54	70	84	2
				30	46	60	74	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
Pm	Playmoor silty clay loam	Playmoor	85	97	131	156	176	0
				65	98	123	145	1
				49	74	98	118	2
				40	59	79	99	3
				33	49	66	82	4
				28	42	57	71	5
				25	37	50	62	6
PoB	Poinsett-Forman complex, 2 to 6 percent slopes	Poinsett	50	109	146	174	195	0
				71	106	134	158	1
				52	78	104	126	2
				41	62	83	103	3
				34	51	69	86	4
				29	44	59	73	5
				26	38	51	64	6
PoB	Poinsett-Forman complex, 2 to 6 percent slopes	Forman	30	65	89	108	122	0
				49	72	91	107	1
				39	59	76	92	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
PwA	Poinsett-Waubay silty clay loams, 0 to 2 percent slopes	Poinsett	55	109	146	174	195	0
				71	106	134	158	1
				52	78	104	126	2
				41	62	83	103	3
				34	51	69	86	4
				29	44	59	73	5
				26	38	51	64	6
PwA	Poinsett-Waubay silty clay loams, 0 to 2 percent slopes	Waubay	35	64	88	106	120	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
PwB	Poinsett-Waubay silty clay loams, 2 to 6 percent slopes	Poinsett	60	109	146	174	195	0
				71	106	134	158	1
				52	78	104	126	2
				41	62	83	103	3
				34	51	69	86	4
				29	44	59	73	5
				26	38	51	64	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
PwB	Poinsett-Waubay silty clay loams, 2 to 6 percent slopes	Waubay	25	64	88	106	120	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
RfA	Renshaw-Fordville loams, 0 to 3 percent slopes	Renshaw	55	241	315	368	408	0
				109	164	219	266	1
				71	106	141	177	2
				52	78	104	131	3
				41	62	83	104	4
				34	51	69	86	5
				29	44	59	73	6
RfA	Renshaw-Fordville loams, 0 to 3 percent slopes	Fordville	35	174	229	269	300	0
				93	140	183	219	1
				64	95	127	159	2
				48	72	96	120	3
				39	58	78	97	4
				33	49	65	81	5
				28	42	56	70	6
RfB	Renshaw-Fordville loams, 3 to 6 percent slopes	Renshaw	65	241	315	368	408	0
				109	164	219	266	1
				71	106	141	177	2
				52	78	104	131	3
				41	62	83	104	4
				34	51	69	86	5
				29	44	59	73	6
RfB	Renshaw-Fordville loams, 3 to 6 percent slopes	Fordville	25	174	229	269	300	0
				93	140	183	219	1
				64	95	127	159	2
				48	72	96	120	3
				39	58	78	97	4
				33	49	65	81	5
				28	42	56	70	6
RfC	Renshaw-Fordville loams, 6 to 9 percent slopes	Renshaw	65	241	315	368	408	0
				109	164	219	266	1
				71	106	141	177	2
				52	78	104	131	3
				41	62	83	104	4
				34	51	69	86	5
				29	44	59	73	6
RfC	Renshaw-Fordville loams, 6 to 9 percent slopes	Fordville	20	174	229	269	300	0
				93	140	183	219	1
				64	95	127	159	2
				48	72	96	120	3
				39	58	78	97	4
				33	49	65	81	5
				28	42	56	70	6
Sa	Minnewaukan loamy sand	Minnewaukan	90	124	165	196	219	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				77	115	146	173	1
				55	83	111	136	2
				43	65	87	108	3
				36	53	71	89	4
				30	45	60	76	5
				26	39	53	66	6
SdD2	Serden fine sand, 6 to 21 percent slopes, eroded	Serden	90	264	344	402	445	0
				114	171	228	280	1
				73	109	145	181	2
				53	80	106	133	3
				42	63	84	105	4
				35	52	69	87	5
				30	44	59	74	6
SeB	Serden-Venlo complex, 0 to 6 percent slopes	Serden	50	264	344	402	445	0
				114	171	228	280	1
				73	109	145	181	2
				53	80	106	133	3
				42	63	84	105	4
				35	52	69	87	5
				30	44	59	74	6
SeB	Serden-Venlo complex, 0 to 6 percent slopes	Venlo	35	297	386	450	499	0
				120	179	239	298	1
				75	112	150	187	2
				54	82	109	136	3
				43	64	86	107	4
				35	53	71	88	5
				30	45	60	75	6
ShD	Sieche loam, 6 to 15 percent slopes	Sieche	85	62	86	103	117	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
ShF	Sieche loam, 21 to 50 percent slopes	Sieche	85	62	86	103	117	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
SkA	Sinai silty clay, 0 to 3 percent slopes	Sinai	95	55	77	94	107	0
				43	63	80	95	1
				35	53	69	83	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
SkB	Sinai silty clay, 3 to 6 percent slopes	Sinai	90	55	77	94	107	0
				43	63	80	95	1
				35	53	69	83	2
				30	45	60	73	3
				26	39	52	64	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				23	35	46	58	5
				21	31	42	52	6
SkC	Sinai silty clay, 6 to 9 percent slopes	Sinai	90	55	77	94	107	0
				43	63	80	95	1
				35	53	69	83	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
SmE	Sioux-Arvilla loams, 15 to 40 percent slopes	Sioux	75	436	562	653	722	0
				137	206	274	343	1
				81	122	163	203	2
				58	87	116	145	3
				45	67	90	112	4
				37	55	73	92	5
				31	46	62	77	6
SmE	Sioux-Arvilla loams, 15 to 40 percent slopes	Arvilla	20	361	468	545	602	0
				129	193	257	322	1
				78	117	157	196	2
				56	84	113	141	3
				44	66	88	110	4
				36	54	72	90	5
				31	46	61	76	6
Su	Stirum-Ulen fine sandy loams	Stirum	65	174	229	269	300	0
				93	140	183	219	1
				64	95	127	159	2
				48	72	96	120	3
				39	58	78	97	4
				33	49	65	81	5
				28	42	56	70	6
Su	Stirum-Ulen fine sandy loams	Ulen	25	149	197	232	259	0
				85	128	166	198	1
				60	90	120	149	2
				46	69	92	115	3
				37	56	75	94	4
				32	47	63	79	5
				27	41	54	68	6
SwA	Swenoda fine sandy loam, 0 to 2 percent slopes	Swenoda	90	72	99	118	134	0
				53	78	99	115	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
SwB	Swenoda fine sandy loam, 2 to 6 percent slopes	Swenoda	90	72	99	118	134	0
				53	78	99	115	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
SxA	Swenoda-Larson complex, 0 to 2 percent slopes	Swenoda	65	72	99	118	134	0
				53	78	99	115	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
SxA	Swenoda-Larson complex, 0 to 2 percent slopes	Larson	25	68	94	113	128	0
				51	75	95	111	1
				40	61	79	96	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
To	Tonka silt loam	Tonka	90	70	97	116	131	0
				52	76	97	113	1
				41	62	81	98	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
Uf	Ulen fine sandy loam	Ulen	85	149	197	232	259	0
				85	128	166	198	1
				60	90	120	149	2
				46	69	92	115	3
				37	56	75	94	4
				32	47	63	79	5
				27	41	54	68	6
Us	Ulen-Stirum fine sandy loams	Ulen	50	149	197	232	259	0
				85	128	166	198	1
				60	90	120	149	2
				46	69	92	115	3
				37	56	75	94	4
				32	47	63	79	5
				27	41	54	68	6
Us	Ulen-Stirum fine sandy loams	Stirum	30	73	100	121	136	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
Va	Vallers loam	Vallers	80	44	62	76	87	0
				36	53	67	78	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
Wa	Rauville silty clay loam	Rauville	95	290	377	440	487	0
				118	178	237	295	1
				74	112	149	186	2
				54	81	108	136	3
				43	64	85	107	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				35	53	70	88	5
				30	45	60	75	6

South Dakota Lateral Effect Tables for McCook County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Ba	Baltic silty clay loam	Baltic	85	75	102	123	139	0
				55	80	102	119	1
				43	64	84	101	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
Bb	Baltic silty clay loam, ponded	Baltic	90	75	102	123	139	0
				55	80	102	119	1
				43	64	84	101	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
BcE	Betts loam, 15 to 40 percent slopes	Betts	85	65	90	109	123	0
				49	72	92	108	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
BdB	Blendon loam, 0 to 5 percent slopes	Blendon	85	239	312	365	405	0
				109	163	218	265	1
				71	106	141	176	2
				52	78	104	130	3
				41	62	83	103	4
				34	51	69	86	5
				29	44	59	73	6
Bo	Bon loam	Bon	85	90	122	145	164	0
				62	92	117	137	1
				47	71	94	113	2
				38	57	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	36	49	61	6
Ca	Chaska loam, channeled	Chaska	90	62	85	103	117	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
Cb	Clamo silty clay loam	Clamo	85	84	114	136	154	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
CcB	Clarno loam, 3 to 6 percent slopes	Clarno	85	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
CcC	Clarno loam, 6 to 9 percent slopes	Clarno	80	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
CdA	Clarno-Bonilla loams, 0 to 3 percent slopes	Clarno	50	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
CdA	Clarno-Bonilla loams, 0 to 3 percent slopes	Bonilla	30	84	114	137	154	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
CeB	Clarno-Davison loams, 2 to 5 percent slopes	Clarno	50	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
CeB	Clarno-Davison loams, 2 to 5 percent slopes	Davison	30	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
CfA	Clarno-Davison-Crossplain complex, 0 to 2 percent slopes	Clarno	40	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
CfA	Clarno-Davison-Crossplain complex, 0 to 2 percent slopes	Davison	30	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				24	36	48	59	6
CfA	Clarno-Davison-Crossplain complex, 0 to 2 percent slopes	Crossplain	20	46	64	79	90	0
				37	54	69	81	1
				32	47	60	72	2
				27	41	53	65	3
				24	36	48	58	4
				21	32	43	53	5
				19	29	39	48	6
ChB	Clarno-Ethan loams, 3 to 6 percent slopes	Clarno	50	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
ChB	Clarno-Ethan loams, 3 to 6 percent slopes	Ethan	40	48	68	83	95	0
				39	57	72	85	1
				32	49	63	75	2
				28	42	55	68	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
Ck	Crossplain clay loam	Crossplain	85	46	64	79	90	0
				37	54	69	81	1
				32	47	60	72	2
				27	41	53	65	3
				24	36	48	58	4
				21	32	43	53	5
				19	29	39	48	6
Co	Crossplain-Clarno complex	Crossplain	45	46	64	79	90	0
				37	54	69	81	1
				32	47	60	72	2
				27	41	53	65	3
				24	36	48	58	4
				21	32	43	53	5
				19	29	39	48	6
Co	Crossplain-Clarno complex	Clarno	40	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
Cr	Crossplain-Dudley complex	Crossplain	55	46	64	79	90	0
				37	54	69	81	1
				32	47	60	72	2
				27	41	53	65	3
				24	36	48	58	4
				21	32	43	53	5
				19	29	39	48	6
Cr	Crossplain-Dudley complex	Dudley	25	70	97	116	132	0
				52	76	97	113	1
				41	62	81	98	2
				34	51	68	83	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
DaA	Davis loam, 0 to 3 percent slopes	Davis	85	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
DaB	Davis loam, 3 to 6 percent slopes	Davis	95	83	112	135	152	0
				59	87	109	128	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
Dd	Davison-Crossplain clay loams, 0 to 2 percent slopes	Davison	45	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
Dd	Davison-Crossplain clay loams, 0 to 2 percent slopes	Crossplain	40	46	64	79	90	0
				37	54	69	81	1
				32	47	60	72	2
				27	41	53	65	3
				24	36	48	58	4
				21	32	43	53	5
				19	29	39	48	6
DeB	Delmont loam, 3 to 6 percent slopes	Delmont	85	495	638	740	818	0
				142	214	285	356	1
				83	125	166	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
DnA	Delmont-Enet loams, 0 to 3 percent slopes	Delmont	60	495	638	740	818	0
				142	214	285	356	1
				83	125	166	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
DnA	Delmont-Enet loams, 0 to 3 percent slopes	Enet	30	521	671	778	859	0
				145	217	289	361	1
				84	126	168	210	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
EaC	Egan-Ethan complex, 5 to 9 percent slopes	Egan	60	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
EaC	Egan-Ethan complex, 5 to 9 percent slopes	Ethan	30	48	68	83	95	0
				39	57	72	85	1
				32	49	63	75	2
				28	42	55	68	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
EbC	Ethan loam, 6 to 9 percent slopes	Ethan	85	48	68	83	95	0
				39	57	72	85	1
				32	49	63	75	2
				28	42	55	68	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
EcD	Ethan-Betts loams, 9 to 15 percent slopes	Ethan	60	48	68	83	95	0
				39	57	72	85	1
				32	49	63	75	2
				28	42	55	68	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
EcD	Ethan-Betts loams, 9 to 15 percent slopes	Betts	30	65	90	109	123	0
				49	72	92	108	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
HaB	Hand loam, 3 to 6 percent slopes	Hand	85	87	118	141	159	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
HbA	Hand-Bonilla loams, 0 to 3 percent slopes	Hand	55	87	118	141	159	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
HbA	Hand-Bonilla loams, 0 to 3 percent slopes	Bonilla	30	84	114	137	154	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				27	41	54	68	5
				24	36	48	60	6
HcB	Hand-Davison loams, 2 to 5 percent slopes	Hand	50	126	169	199	223	0
				77	116	148	176	1
				56	84	112	137	2
				44	65	87	109	3
				36	54	72	89	4
				30	46	61	76	5
				26	40	53	66	6
HcB	Hand-Davison loams, 2 to 5 percent slopes	Davison	30	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
HdA	Hand-Davison-Crossplain complex, 0 to 2 percent slopes	Davison	35	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
HdA	Hand-Davison-Crossplain complex, 0 to 2 percent slopes	Hand	35	126	169	199	223	0
				77	116	148	176	1
				56	84	112	137	2
				44	65	87	109	3
				36	54	72	89	4
				30	46	61	76	5
				26	40	53	66	6
HdA	Hand-Davison-Crossplain complex, 0 to 2 percent slopes	Crossplain	25	46	64	79	90	0
				37	54	69	81	1
				32	47	60	72	2
				27	41	53	65	3
				24	36	48	58	4
				21	32	43	53	5
				19	29	39	48	6
HeB	Hand-Ethan loams, 3 to 6 percent slopes	Hand	55	87	118	141	159	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
HeB	Hand-Ethan loams, 3 to 6 percent slopes	Ethan	30	48	68	83	95	0
				39	57	72	85	1
				32	49	63	75	2
				28	42	55	68	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
HuA	Huntimer silty clay loam, 0 to 2 percent slopes	Huntimer	85	85	115	137	155	0
				60	88	112	130	1
				46	69	91	109	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
La	Lamo silty clay loam	Lamo	90	64	88	107	121	0
				48	71	90	106	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
Sa	Salmo silty clay loam	Salmo	85	73	100	120	135	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
TaD	Talmo-Betts loams, 6 to 15 percent slopes	Talmo	45	462	596	691	764	0
				140	209	279	349	1
				82	123	164	206	2
				58	87	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
TaD	Talmo-Betts loams, 6 to 15 percent slopes	Betts	40	65	90	109	123	0
				49	72	92	108	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
Tb	Tetonka silt loam	Tetonka	85	91	123	146	165	0
				63	93	117	137	1
				48	71	95	114	2
				38	58	77	95	3
				32	48	65	81	4
				28	42	56	69	5
				24	37	49	61	6
Tc	Tetonka-Canisteo complex	Tetonka	60	91	123	146	165	0
				63	93	117	137	1
				48	71	95	114	2
				38	58	77	95	3
				32	48	65	81	4
				28	42	56	69	5
				24	37	49	61	6
Tc	Tetonka-Canisteo complex	Canisteo	35	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
Td	Trent silt loam, 0 to 2 percent slopes	Trent	85	85	115	138	155	0
				60	88	112	131	1
				46	69	91	109	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
TeD	Talmo soils, 6 to 15 percent slopes	Talmo	90	462	596	691	764	0
				140	209	279	349	1
				82	123	164	206	2
				58	87	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
WaA	Wentworth silty clay loam, 0 to 2 percent slopes	Wentworth	85	85	116	139	156	0
				60	89	112	132	1
				46	69	91	110	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
WbB	Wentworth silty clay loam, 2 to 5 percent slopes	Wentworth	85	85	116	139	156	0
				60	89	112	132	1
				46	69	91	110	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
WcB	Wentworth-Ethan complex, 2 to 5 percent slopes	Wentworth	60	85	116	139	156	0
				60	89	112	132	1
				46	69	91	110	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
WcB	Wentworth-Ethan complex, 2 to 5 percent slopes	Ethan	30	48	68	83	95	0
				39	57	72	85	1
				32	49	63	75	2
				28	42	55	68	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
WdA	Wentworth-Trent-Tetonka complex, 0 to 3 percent slopes	Wentworth	45	85	116	139	156	0
				60	89	112	132	1
				46	69	91	110	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				24	36	48	60	6
WdA	Wentworth-Trent-Tetonka complex, 0 to 3 percent slopes	Trent	35	85	115	138	155	0
				60	88	112	131	1
				46	69	91	109	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
WdA	Wentworth-Trent-Tetonka complex, 0 to 3 percent slopes	Tetonka	15	91	123	146	165	0
				63	93	117	137	1
				48	71	95	114	2
				38	58	77	95	3
				32	48	65	81	4
				28	42	56	69	5
				24	37	49	61	6
Wh	Whitewood silt loam	Whitewood	85	80	109	131	147	0
				57	84	107	125	1
				44	67	87	106	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
Wo	Worthing silty clay loam	Worthing	85	63	88	106	120	0
				48	70	90	105	1
				39	58	75	91	2
				32	49	65	79	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6

South Dakota Lateral Effect Tables for McPherson County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
3A	Bowdle loam, 0 to 3 percent slopes	Bowdle	85	181	239	280	312	0
				95	143	188	225	1
				64	97	129	161	2
				49	73	97	122	3
				39	59	78	98	4
				33	49	66	82	5
				28	42	56	70	6
3B	Bowdle loam, 3 to 6 percent slopes	Bowdle	85	181	239	280	312	0
				95	143	188	225	1
				64	97	129	161	2
				49	73	97	122	3
				39	59	78	98	4
				33	49	66	82	5
				28	42	56	70	6
5A	Bowbells loam, 0 to 2 percent slopes	Bowbells	85	61	84	102	116	0
				47	68	86	102	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
5B	Bowbells loam, 2 to 6 percent slopes	Bowbells	85	61	84	102	116	0
				47	68	86	102	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
6	Arnegard loam	Arnegard	85	139	184	218	243	0
				82	123	158	188	1
				58	87	116	144	2
				45	68	90	113	3
				37	55	74	92	4
				31	47	62	78	5
				27	40	54	67	6
7	Bearden silt loam	Bearden	85	66	90	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	80	3
				28	43	57	70	4
				25	37	50	62	5
				22	33	44	55	6
8	Rentill loam	Rentill	85	107	144	171	192	0
				70	105	132	156	1
				52	78	103	125	2
				41	62	82	103	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	64	6
9A	Bearpaw loam, 0 to 3 percent slopes	Bearpaw	85	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
9B	Bearpaw loam, 3 to 6 percent slopes	Bearpaw	85	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
9C	Bearpaw loam, 6 to 9 percent slopes	Bearpaw	85	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
10	Brantford loam	Brantford	85	620	797	923	1018	0
				151	227	302	378	1
				86	129	172	215	2
				60	90	120	150	3
				46	69	93	116	4
				38	56	75	94	5
				32	47	63	79	6
11A	Bearpaw-Greenway loams, 0 to 3 percent slopes	Bearpaw	50	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
11A	Bearpaw-Greenway loams, 0 to 3 percent slopes	Greenway	35	68	94	113	128	0
				51	75	95	111	1
				40	61	79	96	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
11B	Bearpaw-Greenway loams, 3 to 6 percent slopes	Bearpaw	45	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
11B	Bearpaw-Greenway loams, 3 to 6 percent slopes	Greenway	35	68	94	113	128	0
				51	75	95	111	1
				40	61	79	96	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
13E	Zahl-Kloten loams, 9 to 35 percent slopes	Zahl	50	60	83	101	114	0
				46	67	86	101	1
				38	56	73	88	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
13E	Zahl-Kloten loams, 9 to 35 percent slopes	Kloten	25	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
14D	Vida extremely stony loam, 3 to 15 percent slopes	Vida	85	65	90	109	123	0
				49	72	92	108	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
15A	Williams-Bowbells loams, 0 to 3 percent slopes	Williams	50	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
15A	Williams-Bowbells loams, 0 to 3 percent slopes	Bowbells	30	61	84	102	116	0
				47	68	86	102	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
15B	Williams-Bowbells loams, 1 to 6 percent slopes	Williams	60	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
15B	Williams-Bowbells loams, 1 to 6 percent slopes	Bowbells	20	61	84	102	116	0
				47	68	86	102	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
15C	Williams-Bowbells loams, 2 to 9 percent slopes	Williams	55	56	78	95	108	0
				44	64	81	96	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
15C	Williams-Bowbells loams, 2 to 9 percent slopes	Bowbells	25	61	84	102	116	0
				47	68	86	102	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
16A	Williams-Bowbells-Tonka complex, 0 to 3 percent slopes	Williams	50	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
16A	Williams-Bowbells-Tonka complex, 0 to 3 percent slopes	Bowbells	20	61	84	102	116	0
				47	68	86	102	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
16A	Williams-Bowbells-Tonka complex, 0 to 3 percent slopes	Tonka	15	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
16B	Williams-Bowbells-Tonka complex, 1 to 6 percent slopes	Williams	45	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
16B	Williams-Bowbells-Tonka complex, 1 to 6 percent slopes	Bowbells	20	61	84	102	116	0
				47	68	86	102	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
16B	Williams-Bowbells-Tonka complex, 1 to 6 percent slopes	Tonka	15	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
16C	Williams-Bowbells-Parnell complex, 1 to 9 percent slopes	Williams	45	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
16C	Williams-Bowbells-Parnell complex, 1 to 9 percent slopes	Bowbells	20	61	84	102	116	0
				47	68	86	102	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
16C	Williams-Bowbells-Parnell complex, 1 to 9 percent slopes	Parnell	15	80	108	130	147	0
				57	84	106	125	1
				44	67	87	105	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
17B	Vida-Williams loams, 3 to 6 percent slopes	Vida	45	65	90	109	123	0
				49	72	92	108	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
17B	Vida-Williams loams, 3 to 6 percent slopes	Williams	40	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
17C	Vida-Williams-Bowbells loams, 2 to 15 percent slopes	Vida	40	65	90	109	123	0
				49	72	92	108	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
17C	Vida-Williams-Bowbells loams, 2 to 15 percent slopes	Williams	30	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
17C	Vida-Williams-Bowbells loams, 2 to 15 percent slopes	Bowbells	20	61	84	102	116	0
				47	68	86	102	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
17D	Vida-Zahl loams, 6 to 15 percent slopes	Vida	55	65	90	109	123	0
				49	72	92	108	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
17D	Vida-Zahl loams, 6 to 15 percent slopes	Zahl	25	60	83	101	114	0
				46	67	86	101	1
				38	56	73	88	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
17E	Vida-Zahill loams, 15 to 25 percent slopes	Vida	45	65	90	109	123	0
				49	72	92	108	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
17E	Vida-Zahill loams, 15 to 25 percent slopes	Zahill	35	38	54	66	76	0
				32	47	59	69	1
				28	41	53	63	2
				24	36	47	57	3
				22	32	43	52	4
				19	29	39	48	5
				18	27	36	44	6
18A	Williams-Niobell loams, 0 to 3 percent slopes	Williams	55	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
18A	Williams-Niobell loams, 0 to 3 percent slopes	Niobell	30	78	106	127	144	0
				56	83	105	122	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				23	35	47	58	6
20A	Lehr loam, 0 to 3 percent slopes	Lehr	90	501	645	748	826	0
				143	214	286	357	1
				83	125	167	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
20B	Lehr loam, 3 to 6 percent slopes	Lehr	85	501	645	748	826	0
				143	214	286	357	1
				83	125	167	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
21A	Cavour-Miranda loams, 1 to 5 percent slopes	Cavour	50	61	85	103	116	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
21A	Cavour-Miranda loams, 1 to 5 percent slopes	Miranda	35	42	59	72	83	0
				35	50	64	75	1
				30	44	57	67	2
				26	39	50	61	3
				23	34	45	55	4
				20	31	41	50	5
				19	28	37	46	6
22A	Niobell-Miranda loams, 0 to 3 percent slopes	Niobell	45	78	106	127	144	0
				56	83	105	122	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
22A	Niobell-Miranda loams, 0 to 3 percent slopes	Miranda	30	42	59	72	83	0
				35	50	64	75	1
				30	44	57	67	2
				26	39	50	61	3
				23	34	45	55	4
				20	31	41	50	5
				19	28	37	46	6
23A	Noonan variant loam, 0 to 2 percent slopes	Noonan	85	433	559	649	717	0
				137	205	274	342	1
				81	122	162	203	2
				58	87	116	144	3
				45	67	90	112	4
				37	55	73	92	5
				31	46	62	77	6
24A	Niobell-Noonan loams, 1 to 5 percent slopes	Niobell	45	78	106	127	144	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				56	83	105	122	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
24A	Niobell-Noonan loams, 1 to 5 percent slopes	Noonan	35	69	95	114	130	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
25	Miranda-Heil complex	Miranda	55	42	59	72	83	0
				35	50	64	75	1
				30	44	57	67	2
				26	39	50	61	3
				23	34	45	55	4
				20	31	41	50	5
				19	28	37	46	6
25	Miranda-Heil complex	Heil	30	55	77	93	106	0
				43	63	80	94	1
				35	53	69	83	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
26	Cresbard-Cavour loams	Cresbard	50	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
26	Cresbard-Cavour loams	Cavour	35	61	85	103	116	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
27B	Lehr-Bowdle loams, 0 to 6 percent slopes	Lehr	55	501	645	748	826	0
				143	214	286	357	1
				83	125	167	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
27B	Lehr-Bowdle loams, 0 to 6 percent slopes	Bowdle	35	181	239	280	312	0
				95	143	188	225	1
				64	97	129	161	2
				49	73	97	122	3
				39	59	78	98	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				33	49	66	82	5
				28	42	56	70	6
29	Exline-Harmony complex	Exline	55	54	75	91	103	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
29	Exline-Harmony complex	Harmony	35	61	85	102	116	0
				47	69	87	102	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
30	Letcher-Parshall loams, 0 to 4 percent slopes	Letcher	40	118	158	187	210	0
				74	111	141	167	1
				54	81	108	132	2
				43	64	85	106	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
30	Letcher-Parshall loams, 0 to 4 percent slopes	Parshall	35	176	232	273	304	0
				94	140	185	221	1
				64	96	128	159	2
				48	73	97	121	3
				39	58	78	97	4
				33	49	65	81	5
				28	42	56	70	6
31	Harmony silty clay loam	Harmony	85	61	85	102	116	0
				47	69	87	102	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
32	Harmony-Exline complex	Harmony	55	61	85	102	116	0
				47	69	87	102	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
32	Harmony-Exline complex	Exline	30	54	75	91	103	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
37	Straw loam, channeled	Straw	85	158	209	246	274	0
				88	132	172	206	1
				61	92	122	153	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				47	70	94	117	3
				38	57	76	95	4
				32	48	64	80	5
				28	41	55	69	6
38	Regan silt loam	Regan	85	143	189	223	250	0
				83	125	161	192	1
				59	88	118	146	2
				45	68	91	114	3
				37	56	74	93	4
				31	47	63	78	5
				27	41	54	68	6
40A	Mondamin silty clay loam, 0 to 3 percent slopes	Mondamin	85	77	104	125	142	0
				56	82	103	121	1
				44	65	85	103	2
				36	54	71	87	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
40B	Mondamin silty clay loam, 3 to 6 percent slopes	Mondamin	85	77	104	125	142	0
				56	82	103	121	1
				44	65	85	103	2
				36	54	71	87	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
43C	Wabek-Bowdle complex, 3 to 15 percent slopes	Wabek	50	458	591	685	757	0
				139	209	278	348	1
				82	123	164	205	2
				58	87	116	145	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
43C	Wabek-Bowdle complex, 3 to 15 percent slopes	Bowdle	40	181	239	280	312	0
				95	143	188	225	1
				64	97	129	161	2
				49	73	97	122	3
				39	59	78	98	4
				33	49	66	82	5
				28	42	56	70	6
44D	Wabek gravelly loam, 6 to 20 percent slopes	Wabek	85	458	591	685	757	0
				139	209	278	348	1
				82	123	164	205	2
				58	87	116	145	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
45B	Wabek-Lehr complex, 2 to 9 percent slopes	Wabek	50	458	591	685	757	0
				139	209	278	348	1
				82	123	164	205	2
				58	87	116	145	3
				45	68	90	113	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				37	55	74	92	5
				31	47	62	78	6
45B	Wabek-Lehr complex, 2 to 9 percent slopes	Lehr	30	501	645	748	826	0
				143	214	286	357	1
				83	125	167	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
52B	Lihen-Parshall fine sandy loams, 0 to 6 percent slopes	Lihen	50	348	450	524	580	0
				127	191	254	318	1
				78	117	155	194	2
				56	84	112	140	3
				44	66	87	109	4
				36	54	72	90	5
				30	46	61	76	6
52B	Lihen-Parshall fine sandy loams, 0 to 6 percent slopes	Parshall	30	120	161	190	213	0
				75	113	143	170	1
				55	82	109	134	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
52D	Lihen loamy fine sand, 6 to 20 percent slopes	Lihen	85	291	379	442	489	0
				119	178	237	295	1
				74	112	149	186	2
				54	81	108	136	3
				43	64	85	107	4
				35	53	70	88	5
				30	45	60	75	6
54B	Tansem-Roseglen loams, 2 to 6 percent slopes	Tansem	55	106	142	169	190	0
				69	104	131	154	1
				51	77	103	124	2
				41	61	82	102	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	63	6
54B	Tansem-Roseglen loams, 2 to 6 percent slopes	Roseglen	30	145	192	227	253	0
				84	126	163	194	1
				59	89	118	147	2
				46	69	91	114	3
				37	56	74	93	4
				31	47	63	78	5
				27	41	54	68	6
55A	Parshall-Tally fine sandy loams, 0 to 3 percent slopes	Parshall	45	120	161	190	213	0
				75	113	143	170	1
				55	82	109	134	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				26	39	52	65	6
55A	Parshall-Tally fine sandy loams, 0 to 3 percent slopes	Tally	35	95	129	154	173	0
				64	96	122	143	1
				49	73	97	117	2
				39	59	78	98	3
				33	49	66	82	4
				28	42	56	70	5
				25	37	49	62	6
55B	Tally fine sandy loam, 2 to 6 percent slopes	Tally	85	95	129	154	173	0
				64	96	122	143	1
				49	73	97	117	2
				39	59	78	98	3
				33	49	66	82	4
				28	42	56	70	5
				25	37	49	62	6
56D	Tansem variant loam, 9 to 15 percent slopes	Tansem	85	107	144	171	192	0
				70	105	132	156	1
				52	78	103	125	2
				41	62	82	103	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	64	6
57A	Bryant-Grassna silt loams, 0 to 3 percent slopes	Bryant	55	117	156	185	207	0
				74	111	140	166	1
				54	81	108	131	2
				42	64	85	106	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
57A	Bryant-Grassna silt loams, 0 to 3 percent slopes	Grassna	25	102	137	163	183	0
				68	101	127	150	1
				50	76	101	122	2
				40	60	81	101	3
				34	50	67	84	4
				29	43	57	72	5
				25	38	50	63	6
57B	Bryant-Grassna silt loams, 1 to 6 percent slopes	Bryant	55	117	156	185	207	0
				74	111	140	166	1
				54	81	108	131	2
				42	64	85	106	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
57B	Bryant-Grassna silt loams, 1 to 6 percent slopes	Grassna	25	102	137	163	183	0
				68	101	127	150	1
				50	76	101	122	2
				40	60	81	101	3
				34	50	67	84	4
				29	43	57	72	5
				25	38	50	63	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
57C	Bryant silt loam, 6 to 9 percent slopes	Bryant	85	117	156	185	207	0
				74	111	140	166	1
				54	81	108	131	2
				42	64	85	106	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
58B	Temvik-Grassna-Bearpaw complex, 1 to 6 percent slopes	Temvik	35	85	116	139	156	0
				60	89	112	132	1
				46	69	91	110	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
58B	Temvik-Grassna-Bearpaw complex, 1 to 6 percent slopes	Grassna	30	102	137	163	183	0
				68	101	127	150	1
				50	76	101	122	2
				40	60	81	101	3
				34	50	67	84	4
				29	43	57	72	5
				25	38	50	63	6
58B	Temvik-Grassna-Bearpaw complex, 1 to 6 percent slopes	Bearpaw	25	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
62	Hamerly loam	Hamerly	85	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
64	Grassna silt loam	Grassna	85	102	137	163	183	0
				68	101	127	150	1
				50	76	101	122	2
				40	60	81	101	3
				34	50	67	84	4
				29	43	57	72	5
				25	38	50	63	6
65	Grail silty clay loam	Grail	85	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
72	Ranslo-Harriet loams	Ranslo	45	94	127	151	170	0
				64	95	120	141	1
				48	73	96	116	2
				39	59	78	97	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				33	49	65	82	4
				28	42	56	70	5
				25	37	49	62	6
72	Ranslo-Harriet loams	Harriet	40	78	106	127	144	0
				56	83	105	122	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
75	Tonka-Nishon silt loams	Tonka	50	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
75	Tonka-Nishon silt loams	Nishon	35	74	102	122	138	0
				54	80	102	118	1
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	34	46	57	6
76	Parnell silty clay loam	Parnell	90	80	108	130	147	0
				57	84	106	125	1
				44	67	87	105	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
77	Nishon-Heil silt loam	Nishon	50	74	102	122	138	0
				54	80	102	118	1
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	34	46	57	6
77	Nishon-Heil silt loam	Heil	40	55	77	93	106	0
				43	63	80	94	1
				35	53	69	83	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
80	Heil silt loam	Heil	95	55	77	93	106	0
				43	63	80	94	1
				35	53	69	83	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
82	Stirum loam	Stirum	85	137	183	216	241	0
				81	122	157	187	1
				58	87	116	143	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				45	67	90	112	3
				37	55	73	92	4
				31	46	62	77	5
				27	40	54	67	6
85	Ranslo loam	Ranslo	90	94	127	151	170	0
				64	95	120	141	1
				48	73	96	116	2
				39	59	78	97	3
				33	49	65	82	4
				28	42	56	70	5
				25	37	49	62	6
86	Harriet loam	Harriet	90	78	106	127	144	0
				56	83	105	122	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
87	Marysland loam	Marysland	90	526	677	785	866	0
				145	217	290	362	1
				84	126	168	210	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
88	Divide loam	Divide	85	469	604	702	775	0
				140	210	280	351	1
				82	124	165	206	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
97	Regan silt loam, wet	Regan	90	120	160	189	212	0
				75	113	143	169	1
				55	82	109	133	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
98	Vallers silty clay loam	Vallers	85	50	70	85	97	0
				40	58	74	87	1
				33	50	64	77	2
				29	43	56	69	3
				25	38	50	61	4
				22	33	44	55	5
				20	30	40	50	6
100	Parnell silty clay loam, ponded	Parnell	90	80	108	130	147	0
				57	84	106	125	1
				44	67	87	105	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6

South Dakota Lateral Effect Tables for Miner County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Ar	Arlo clay loam	Arlo	85	160	211	248	277	0
				89	133	174	207	1
				62	92	123	154	2
				47	71	94	118	3
				38	57	76	95	4
				32	48	64	80	5
				28	41	55	69	6
Ba	Baltic silty clay loam	Baltic	90	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
Bn	Bon loam	Bon	90	89	121	144	162	0
				62	92	116	136	1
				47	71	93	113	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
Bo	Bon loam, channeled	Bon	90	85	116	139	156	0
				60	89	112	132	1
				46	69	91	110	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
Ca	Chancellor-Tetonka complex	Chancellor	45	65	90	108	123	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
Ca	Chancellor-Tetonka complex	Tetonka	35	94	127	152	171	0
				64	95	120	142	1
				48	73	96	116	2
				39	59	78	97	3
				33	49	65	82	4
				28	42	56	70	5
				25	37	49	62	6
Cc	Clamo silty clay loam	Clamo	85	114	153	181	203	0
				73	109	138	163	1
				53	80	107	130	2
				42	63	84	105	3
				35	52	70	87	4
				30	44	59	74	5
				26	39	52	64	6
CfA	Clarno-Bonilla loams, 0 to 3 percent slopes	Clarno	55	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
CfA	Clarno-Bonilla loams, 0 to 3 percent slopes	Bonilla	35	85	116	138	156	0
				60	89	112	131	1
				46	69	91	110	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
CfB	Clarno-Bonilla loams, 1 to 6 percent slopes	Clarno	55	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
CfB	Clarno-Bonilla loams, 1 to 6 percent slopes	Bonilla	30	85	116	138	156	0
				60	89	112	131	1
				46	69	91	110	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
CgA	Clarno-Crossplain loams, 0 to 2 percent slopes	Clarno	45	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
CgA	Clarno-Crossplain loams, 0 to 2 percent slopes	Crossplain	30	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
CkB	Clarno-Ethan complex, 2 to 6 percent slopes	Clarno	55	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
CkB	Clarno-Ethan complex, 2 to 6 percent slopes	Ethan	30	44	62	76	88	0
				36	53	67	79	1
				31	46	59	70	2
				27	40	52	63	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
CnA	Clarno-Stickney-Tetonka complex, 0 to 2 percent slopes	Clarno	40	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
CnA	Clarno-Stickney-Tetonka complex, 0 to 2 percent slopes	Stickney	35	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
CnA	Clarno-Stickney-Tetonka complex, 0 to 2 percent slopes	Tetonka	15	94	127	152	171	0
				64	95	120	142	1
				48	73	96	116	2
				39	59	78	97	3
				33	49	65	82	4
				28	42	56	70	5
				25	37	49	62	6
CnB	Clarno-Stickney-Tetonka complex, 0 to 6 percent slopes	Clarno	40	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
CnB	Clarno-Stickney-Tetonka complex, 0 to 6 percent slopes	Stickney	30	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
CnB	Clarno-Stickney-Tetonka complex, 0 to 6 percent slopes	Tetonka	15	94	127	152	171	0
				64	95	120	142	1
				48	73	96	116	2
				39	59	78	97	3
				33	49	65	82	4
				28	42	56	70	5
				25	37	49	62	6
Ct	Crossplain-Tetonka complex	Crossplain	45	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				21	32	42	53	6
Ct	Crossplain-Tetonka complex	Tetonka	40	94	127	152	171	0
				64	95	120	142	1
				48	73	96	116	2
				39	59	78	97	3
				33	49	65	82	4
				28	42	56	70	5
				25	37	49	62	6
Da	Davis loam, 1 to 4 percent slopes	Davis	85	86	117	140	158	0
				60	89	113	133	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
Do	Dudley-Jerauld silt loams	Dudley	45	72	98	118	134	0
				53	78	98	115	1
				42	63	82	99	2
				35	52	69	84	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
Do	Dudley-Jerauld silt loams	Jerauld	40	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
Du	Durrstein silt loam	Durrstein	90	57	80	97	110	0
				44	65	83	97	1
				36	54	71	85	2
				31	46	61	75	3
				27	40	53	66	4
				24	35	47	59	5
				21	32	42	53	6
EbB	Egan-Trent silty clay loams, 1 to 4 percent slopes	Egan	55	64	88	106	121	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
EbB	Egan-Trent silty clay loams, 1 to 4 percent slopes	Trent	25	87	118	141	159	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
EdA	Enet-Delmont loams, 0 to 4 percent slopes	Enet	60	197	259	304	338	0
				99	149	198	236	1
				66	99	133	166	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				50	75	100	125	3
				40	60	80	100	4
				33	50	66	83	5
				29	43	57	71	6
EdA	Enet-Delmont loams, 0 to 4 percent slopes	Delmont	30	498	642	744	822	0
				143	214	285	357	1
				83	125	167	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
EgC	Ethan-Clarno complex, 6 to 9 percent slopes	Ethan	45	44	62	76	88	0
				36	53	67	79	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
EgC	Ethan-Clarno complex, 6 to 9 percent slopes	Clarno	40	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
EgD	Ethan-Clarno complex, 9 to 15 percent slopes	Ethan	50	44	62	76	88	0
				36	53	67	79	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
EgD	Ethan-Clarno complex, 9 to 15 percent slopes	Clarno	35	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
EmB	Ethan-Egan complex, 3 to 7 percent slopes	Ethan	45	44	62	76	88	0
				36	53	67	79	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
EmB	Ethan-Egan complex, 3 to 7 percent slopes	Egan	40	64	88	106	121	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
HdA	Houdek-Dudley complex, 0 to 2 percent slopes	Houdek	45	51	72	87	100	0
				41	60	76	88	1
				34	51	65	78	2
				29	43	57	70	3
				25	38	50	62	4
				22	34	45	56	5
				20	30	40	50	6
HdA	Houdek-Dudley complex, 0 to 2 percent slopes	Dudley	30	72	98	118	134	0
				53	78	98	115	1
				42	63	82	99	2
				35	52	69	84	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
HdB	Houdek-Dudley complex, 2 to 6 percent slopes	Houdek	45	51	72	87	100	0
				41	60	76	88	1
				34	51	65	78	2
				29	43	57	70	3
				25	38	50	62	4
				22	34	45	56	5
				20	30	40	50	6
HdB	Houdek-Dudley complex, 2 to 6 percent slopes	Dudley	30	72	98	118	134	0
				53	78	98	115	1
				42	63	82	99	2
				35	52	69	84	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
HgA	Houdek-Dudley-Tetonka complex, 0 to 3 percent slopes	Dudley	35	72	98	118	134	0
				53	78	98	115	1
				42	63	82	99	2
				35	52	69	84	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
HgA	Houdek-Dudley-Tetonka complex, 0 to 3 percent slopes	Houdek	35	51	72	87	100	0
				41	60	76	88	1
				34	51	65	78	2
				29	43	57	70	3
				25	38	50	62	4
				22	34	45	56	5
				20	30	40	50	6
HgA	Houdek-Dudley-Tetonka complex, 0 to 3 percent slopes	Tetonka	25	94	127	152	171	0
				64	95	120	142	1
				48	73	96	116	2
				39	59	78	97	3
				33	49	65	82	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				28	42	56	70	5
				25	37	49	62	6
HgB	Houdek-Dudley-Tetonka complex, 0 to 6 percent slopes	Dudley	35	72	98	118	134	0
				53	78	98	115	1
				42	63	82	99	2
				35	52	69	84	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
HgB	Houdek-Dudley-Tetonka complex, 0 to 6 percent slopes	Houdek	35	51	72	87	100	0
				41	60	76	88	1
				34	51	65	78	2
				29	43	57	70	3
				25	38	50	62	4
				22	34	45	56	5
				20	30	40	50	6
HgB	Houdek-Dudley-Tetonka complex, 0 to 6 percent slopes	Tetonka	25	94	127	152	171	0
				64	95	120	142	1
				48	73	96	116	2
				39	59	78	97	3
				33	49	65	82	4
				28	42	56	70	5
				25	37	49	62	6
Ho	Hoven silt loam	Hoven	90	83	113	136	153	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
HuA	Huntimer silty clay loam, 0 to 2 percent slopes	Huntimer	90	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
HxB	Huntimer-Egan silty clay loams, 2 to 6 percent slopes	Huntimer	50	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
HxB	Huntimer-Egan silty clay loams, 2 to 6 percent slopes	Egan	40	64	88	106	121	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
La	Lamo silty clay loam	Lamo	80	65	89	107	122	0
				49	72	91	106	1
				39	59	76	92	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
Sd	Stickney-Dudley complex	Stickney	45	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
Sd	Stickney-Dudley complex	Dudley	40	72	98	118	134	0
				53	78	98	115	1
				42	63	82	99	2
				35	52	69	84	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
Te	Tetonka silt loam	Tetonka	90	94	127	152	171	0
				64	95	120	142	1
				48	73	96	116	2
				39	59	78	97	3
				33	49	65	82	4
				28	42	56	70	5
				25	37	49	62	6
Wo	Worthing silty clay loam	Worthing	90	54	76	92	105	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
Wp	Worthing silty clay loam, ponded	Worthing	95	61	84	101	115	0
				47	68	86	101	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6

South Dakota Lateral Effect Tables for Minnehaha County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
AcA	Alcester silty clay loam, 0 to 2 percent slopes	Alcester	90	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
AcB	Alcester silty clay loam, 2 to 6 percent slopes	Alcester	90	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
Ar	Arlo loam, 0 to 1 percent slopes	Arlo	80	375	486	565	625	0
				130	196	261	326	1
				79	118	158	197	2
				57	85	113	142	3
				44	66	88	110	4
				36	54	72	90	5
				31	46	61	77	6
Ba	Baltic silty clay loam, 0 to 1 percent slopes	Baltic	90	73	100	120	136	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
Bb	Baltic silty clay loam, ponded	Baltic	90	72	99	119	135	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
BcA	Benclare-Corson complex, 0 to 2 percent slopes	Benclare	60	81	111	133	150	0
				58	85	108	127	1
				45	67	88	107	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
BcA	Benclare-Corson complex, 0 to 2 percent slopes	Corson	30	53	74	89	102	0
				42	61	77	90	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
BeE	Betts-Ethan loams, 15 to 40 percent slopes	Betts	45	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
BeE	Betts-Ethan loams, 15 to 40 percent slopes	Ethan	35	55	77	93	106	0
				43	63	80	94	1
				35	53	69	83	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
BfA	Blendon fine sandy loam, 0 to 2 percent slopes	Blendon	85	173	228	268	299	0
				93	139	183	218	1
				63	95	127	158	2
				48	72	96	120	3
				39	58	78	97	4
				32	49	65	81	5
				28	42	56	70	6
BhB	Blendon-Henkin fine sandy loams, 2 to 6 percent slopes	Blendon	55	173	228	268	299	0
				93	139	183	218	1
				63	95	127	158	2
				48	72	96	120	3
				39	58	78	97	4
				32	49	65	81	5
				28	42	56	70	6
BhB	Blendon-Henkin fine sandy loams, 2 to 6 percent slopes	Henkin	25	110	147	175	196	0
				71	106	134	159	1
				52	79	105	127	2
				42	62	83	104	3
				34	52	69	86	4
				29	44	59	73	5
				26	38	51	64	6
Bo	Bon loam, 0 to 2 percent slopes	Bon	85	96	129	154	173	0
				65	97	122	143	1
				49	73	98	117	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
Cb	Chancellor silty clay loam, 0 to 1 percent slopes	Chancellor	80	67	92	111	126	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
Cc	Chancellor-Tetonka complex, 0 to 1 percent slopes	Chancellor	50	67	92	111	126	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
Cc	Chancellor-Tetonka complex, 0 to 1 percent slopes	Tetonka	30	94	127	152	171	0
				64	95	120	142	1
				48	73	96	116	2
				39	59	78	97	3
				33	49	65	82	4
				28	42	56	70	5
				25	37	49	62	6
Cd	Chaska loam, 0 to 2 percent slopes	Chaska	80	75	102	123	139	0
				55	80	102	119	1
				43	64	84	101	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
Ch	Chaska loam, channeled	Chaska	75	74	101	122	138	0
				54	80	101	118	1
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	34	46	57	6
Cm	Clamo silty clay, 0 to 1 percent slopes	Clamo	90	86	117	140	158	0
				60	89	113	133	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
CoB	Corson silty clay, 2 to 6 percent slopes	Corson	80	53	74	89	102	0
				42	61	77	90	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
CoC	Corson silty clay, 6 to 9 percent slopes	Corson	80	53	74	89	102	0
				42	61	77	90	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
CpC	Corson-Henkin complex, 6 to 9 percent slopes	Corson	55	53	74	89	102	0
				42	61	77	90	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				20	31	41	51	6
CpC	Corson-Henkin complex, 6 to 9 percent slopes	Henkin	25	110	147	175	196	0
				71	106	134	159	1
				52	79	105	127	2
				42	62	83	104	3
				34	52	69	86	4
				29	44	59	73	5
				26	38	51	64	6
CrD	Crofton-Nora complex, 9 to 15 percent slopes	Crofton	45	182	239	281	313	0
				95	143	189	225	1
				65	97	129	161	2
				49	73	98	122	3
				39	59	78	98	4
				33	49	66	82	5
				28	42	56	70	6
CrD	Crofton-Nora complex, 9 to 15 percent slopes	Nora	40	86	116	139	156	0
				60	89	112	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
CrE	Crofton-Nora complex, 15 to 25 percent slopes	Crofton	55	182	239	281	313	0
				95	143	189	225	1
				65	97	129	161	2
				49	73	98	122	3
				39	59	78	98	4
				33	49	66	82	5
				28	42	56	70	6
CrE	Crofton-Nora complex, 15 to 25 percent slopes	Nora	35	86	116	139	156	0
				60	89	112	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
CsD	Crofton-Shindler complex, 9 to 15 percent slopes	Crofton	50	182	239	281	313	0
				95	143	189	225	1
				65	97	129	161	2
				49	73	98	122	3
				39	59	78	98	4
				33	49	66	82	5
				28	42	56	70	6
CsD	Crofton-Shindler complex, 9 to 15 percent slopes	Shindler	30	40	57	70	80	0
				33	49	62	73	1
				29	43	55	66	2
				25	38	49	60	3
				22	33	44	54	4
				20	30	40	49	5
				18	27	36	45	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
DcA	Davis loam, 0 to 2 percent slopes	Davis	85	92	125	149	168	0
				63	94	119	140	1
				48	72	95	115	2
				39	58	77	96	3
				32	49	65	81	4
				28	42	56	70	5
				24	37	49	61	6
DcB	Davis loam, 2 to 6 percent slopes	Davis	80	92	125	149	168	0
				63	94	119	140	1
				48	72	95	115	2
				39	58	77	96	3
				32	49	65	81	4
				28	42	56	70	5
				24	37	49	61	6
DcC	Davis loam, 6 to 9 percent slopes	Davis	80	92	125	149	168	0
				63	94	119	140	1
				48	72	95	115	2
				39	58	77	96	3
				32	49	65	81	4
				28	42	56	70	5
				24	37	49	61	6
Dd	Davison-Crossplain clay loams, 0 to 2 percent slopes	Davison	45	86	117	140	158	0
				60	89	113	133	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
Dd	Davison-Crossplain clay loams, 0 to 2 percent slopes	Crossplain	40	44	62	76	87	0
				36	53	67	78	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
DeA	Delmont-Enet loams, 0 to 2 percent slopes	Delmont	45	535	689	799	882	0
				146	218	291	364	1
				84	126	169	211	2
				59	89	119	148	3
				46	69	91	114	4
				37	56	74	93	5
				31	47	63	78	6
DeA	Delmont-Enet loams, 0 to 2 percent slopes	Enet	35	552	710	823	908	0
				147	220	294	367	1
				85	127	169	212	2
				59	89	119	149	3
				46	69	92	115	4
				37	56	75	93	5
				31	47	63	79	6
DeB	Delmont-Enet loams, 2 to 6 percent slopes	Delmont	40	535	689	799	882	0
				146	218	291	364	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				84	126	169	211	2
				59	89	119	148	3
				46	69	91	114	4
				37	56	74	93	5
				31	47	63	78	6
DeB	Delmont-Enet loams, 2 to 6 percent slopes	Enet	40	552	710	823	908	0
				147	220	294	367	1
				85	127	169	212	2
				59	89	119	149	3
				46	69	92	115	4
				37	56	75	93	5
				31	47	63	79	6
DgC	Delmont-Talmo complex, 6 to 9 percent slopes	Delmont	45	535	689	799	882	0
				146	218	291	364	1
				84	126	169	211	2
				59	89	119	148	3
				46	69	91	114	4
				37	56	74	93	5
				31	47	63	78	6
DgC	Delmont-Talmo complex, 6 to 9 percent slopes	Talmo	30	174	229	269	300	0
				93	140	183	219	1
				64	95	127	159	2
				48	72	96	120	3
				39	58	78	97	4
				33	49	65	81	5
				28	42	56	70	6
DgD	Delmont-Talmo complex, 9 to 15 percent slopes	Delmont	40	535	689	799	882	0
				146	218	291	364	1
				84	126	169	211	2
				59	89	119	148	3
				46	69	91	114	4
				37	56	74	93	5
				31	47	63	78	6
DgD	Delmont-Talmo complex, 9 to 15 percent slopes	Talmo	35	174	229	269	300	0
				93	140	183	219	1
				64	95	127	159	2
				48	72	96	120	3
				39	58	78	97	4
				33	49	65	81	5
				28	42	56	70	6
DmA	Dempster silt loam, 0 to 2 percent slopes	Dempster	80	205	269	315	351	0
				101	152	202	242	1
				67	101	134	168	2
				50	75	101	126	3
				40	60	80	100	4
				33	50	67	84	5
				29	43	57	72	6
DmB	Dempster silt loam, 2 to 6 percent slopes	Dempster	80	205	269	315	351	0
				101	152	202	242	1
				67	101	134	168	2
				50	75	101	126	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				40	60	80	100	4
				33	50	67	84	5
				29	43	57	72	6
DtB	Dempster-Talmo complex, 2 to 6 percent slopes	Dempster	65	205	269	315	351	0
				101	152	202	242	1
				67	101	134	168	2
				50	75	101	126	3
				40	60	80	100	4
				33	50	67	84	5
				29	43	57	72	6
DtB	Dempster-Talmo complex, 2 to 6 percent slopes	Talmo	25	174	229	269	300	0
				93	140	183	219	1
				64	95	127	159	2
				48	72	96	120	3
				39	58	78	97	4
				33	49	65	81	5
				28	42	56	70	6
Dw	Dimo clay loam, 0 to 2 percent slopes	Dimo	75	161	213	251	280	0
				89	134	174	209	1
				62	93	123	154	2
				47	71	94	118	3
				38	57	76	95	4
				32	48	64	80	5
				28	41	55	69	6
DxB	Dobalt loam, 2 to 6 percent slopes	Dobalt	85	51	72	87	99	0
				41	60	76	88	1
				34	51	65	78	2
				29	43	57	70	3
				25	38	50	62	4
				22	34	45	56	5
				20	30	40	50	6
DyA	Dobalt-Bonilla loams, 0 to 2 percent slopes	Dobalt	70	51	72	87	99	0
				41	60	76	88	1
				34	51	65	78	2
				29	43	57	70	3
				25	38	50	62	4
				22	34	45	56	5
				20	30	40	50	6
DyA	Dobalt-Bonilla loams, 0 to 2 percent slopes	Bonilla	25	96	129	154	173	0
				65	97	122	143	1
				49	73	98	117	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
EaB	Egan-Ethan complex, 2 to 6 percent slopes	Egan	55	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				21	32	43	53	6
EaB	Egan-Ethan complex, 2 to 6 percent slopes	Ethan	30	55	77	93	106	0
				43	63	80	94	1
				35	53	69	83	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
EeB	Egan-Ethan-Trent complex, 1 to 6 percent slopes	Egan	35	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
EeB	Egan-Ethan-Trent complex, 1 to 6 percent slopes	Ethan	25	55	77	93	106	0
				43	63	80	94	1
				35	53	69	83	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
EeB	Egan-Ethan-Trent complex, 1 to 6 percent slopes	Trent	25	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
EfA	Egan-Trent silty clay loams, 0 to 2 percent slopes	Egan	50	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
EfA	Egan-Trent silty clay loams, 0 to 2 percent slopes	Trent	30	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
EgB	Egan-Wentworth-Trent silty clay loams, 1 to 6 percent slopes	Egan	35	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
EgB	Egan-Wentworth-Trent silty clay loams, 1 to 6 percent slopes	Wentworth	30	69	95	115	130	0
				51	75	96	113	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
EgB	Egan-Wentworth-Trent silty clay loams, 1 to 6 percent slopes	Trent	20	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
EnA	Enet loam, 0 to 2 percent slopes, rarely flooded	Enet	85	552	710	823	908	0
				147	220	294	367	1
				85	127	169	212	2
				59	89	119	149	3
				46	69	92	115	4
				37	56	75	93	5
				31	47	63	79	6
EoA	Enet-Dimo complex, 0 to 2 percent slopes	Enet	45	552	710	823	908	0
				147	220	294	367	1
				85	127	169	212	2
				59	89	119	149	3
				46	69	92	115	4
				37	56	75	93	5
				31	47	63	79	6
EoA	Enet-Dimo complex, 0 to 2 percent slopes	Dimo	35	161	213	251	280	0
				89	134	174	209	1
				62	93	123	154	2
				47	71	94	118	3
				38	57	76	95	4
				32	48	64	80	5
				28	41	55	69	6
EpD	Ethan-Betts loams, 9 to 15 percent slopes	Ethan	45	55	77	93	106	0
				43	63	80	94	1
				35	53	69	83	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
EpD	Ethan-Betts loams, 9 to 15 percent slopes	Betts	35	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
EsE	Ethan-Clarno loams, 6 to 25 percent slopes, very stony	Ethan	50	55	77	93	106	0
				43	63	80	94	1
				35	53	69	83	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
EsE	Ethan-Clarno loams, 6 to 25 percent slopes, very stony	Clarno	30	62	86	103	117	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
EtD	Ethan-Clarno loams, 9 to 15 percent slopes	Ethan	50	55	77	93	106	0
				43	63	80	94	1
				35	53	69	83	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
EtD	Ethan-Clarno loams, 9 to 15 percent slopes	Clarno	30	61	84	102	116	0
				47	68	86	102	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
EuC	Ethan-Egan complex, 6 to 9 percent slopes	Ethan	45	55	77	93	106	0
				43	63	80	94	1
				35	53	69	83	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
EuC	Ethan-Egan complex, 6 to 9 percent slopes	Egan	35	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
ExC	Ethan, very stony-Egan complex, 2 to 9 percent slopes	Ethan	45	55	77	93	106	0
				43	63	80	94	1
				35	53	69	83	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
ExC	Ethan, very stony-Egan complex, 2 to 9 percent slopes	Egan	35	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
FaA	Flandreau loam, 0 to 2 percent slopes	Flandreau	85	180	237	279	310	0
				95	142	187	224	1
				64	96	129	161	2
				49	73	97	122	3
				39	59	78	98	4
				33	49	65	82	5
				28	42	56	70	6
FaB	Flandreau loam, 2 to 6 percent slopes	Flandreau	85	180	237	279	310	0
				95	142	187	224	1
				64	96	129	161	2
				49	73	97	122	3
				39	59	78	98	4
				33	49	65	82	5
				28	42	56	70	6
FtB	Flandreau-Thurman complex, 2 to 6 percent slopes	Flandreau	60	180	237	279	310	0
				95	142	187	224	1
				64	96	129	161	2
				49	73	97	122	3
				39	59	78	98	4
				33	49	65	82	5
				28	42	56	70	6
FtB	Flandreau-Thurman complex, 2 to 6 percent slopes	Thurman	25	294	382	445	493	0
				119	179	238	297	1
				75	112	149	187	2
				54	82	109	136	3
				43	64	85	107	4
				35	53	70	88	5
				30	45	60	75	6
GrA	Graceville silty clay loam, 0 to 2 percent slopes	Graceville	80	325	422	491	544	0
				124	186	248	310	1
				76	115	153	191	2
				55	83	111	138	3
				43	65	87	108	4
				36	53	71	89	5
				30	45	60	76	6
GsB	Grovena loam, 2 to 6 percent slopes	Grovena	80	115	154	183	205	0
				73	110	139	164	1
				53	80	107	130	2
				42	63	84	106	3
				35	52	70	87	4
				30	45	59	74	5
				26	39	52	65	6
GvA	Grovena-Bonilla loams, 0 to 2 percent slopes	Grovena	65	115	154	183	205	0
				73	110	139	164	1
				53	80	107	130	2
				42	63	84	106	3
				35	52	70	87	4
				30	45	59	74	5
				26	39	52	65	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
GvA	Grovena-Bonilla loams, 0 to 2 percent slopes	Bonilla	25	96	129	154	173	0
				65	97	122	143	1
				49	73	98	117	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
HoB	Houdek clay loam, 2 to 6 percent slopes	Houdek	80	53	74	90	102	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
HsC	Houdek-Shindler clay loams, 6 to 9 percent slopes	Houdek	65	53	74	90	102	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
HsC	Houdek-Shindler clay loams, 6 to 9 percent slopes	Shindler	20	40	57	70	80	0
				33	49	62	73	1
				29	43	55	66	2
				25	38	49	60	3
				22	33	44	54	4
				20	30	40	49	5
				18	27	36	45	6
HsD	Houdek-Shindler clay loams, 9 to 15 percent slopes	Houdek	55	53	74	90	102	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
HsD	Houdek-Shindler clay loams, 9 to 15 percent slopes	Shindler	25	40	57	70	80	0
				33	49	62	73	1
				29	43	55	66	2
				25	38	49	60	3
				22	33	44	54	4
				20	30	40	49	5
				18	27	36	45	6
HtD	Houdek-Talmo complex, 9 to 15 percent slopes	Houdek	45	53	74	90	102	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
HtD	Houdek-Talmo complex, 9 to 15 percent slopes	Talmo	35	174	229	269	300	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				93	140	183	219	1
				64	95	127	159	2
				48	72	96	120	3
				39	58	78	97	4
				33	49	65	81	5
				28	42	56	70	6
HuA	Huntimer silty clay loam, 0 to 2 percent slopes	Huntimer	85	85	115	137	155	0
				60	88	112	130	1
				46	69	91	109	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
HuB	Huntimer silty clay loam, 2 to 6 percent slopes	Huntimer	80	85	115	137	155	0
				60	88	112	130	1
				46	69	91	109	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
IhA	Ihlen silty clay loam, 0 to 2 percent slopes	Ihlen	85	55	barrier	barrier	barrier	0
				43	barrier	barrier	barrier	1
				35	barrier	barrier	barrier	2
				30	barrier	barrier	barrier	3
				26	barrier	barrier	barrier	4
				23	barrier	barrier	barrier	5
				21	barrier	barrier	barrier	6
IrB	Ihlen-Rock outcrop complex, 0 to 4 percent slopes	Ihlen	60	55	barrier	barrier	barrier	0
				43	barrier	barrier	barrier	1
				35	barrier	barrier	barrier	2
				30	barrier	barrier	barrier	3
				26	barrier	barrier	barrier	4
				23	barrier	barrier	barrier	5
				21	barrier	barrier	barrier	6
IrE	Ihlen-Rock outcrop complex, 4 to 35 percent slopes	Ihlen	45	55	barrier	barrier	barrier	0
				43	barrier	barrier	barrier	1
				35	barrier	barrier	barrier	2
				30	barrier	barrier	barrier	3
				26	barrier	barrier	barrier	4
				23	barrier	barrier	barrier	5
				21	barrier	barrier	barrier	6
Ja	Janude fine sandy loam, 0 to 2 percent slopes	Janude	90	72	98	118	134	0
				53	78	98	115	1
				42	63	82	99	2
				35	52	69	84	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
La	Lamo silty clay loam, 0 to 1 percent slopes	Lamo	80	70	96	115	130	0
				52	76	97	113	1
				41	62	80	97	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
Lb	Lamo silty clay loam, channeled	Lamo	75	70	96	115	130	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
MdB	Moody silty clay loam, 2 to 6 percent slopes	Moody	80	90	122	146	164	0
				62	92	117	137	1
				47	71	94	113	2
				38	57	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	36	49	61	6
MgA	Moody-Gayville complex, 0 to 3 percent slopes	Gayville	40	64	88	107	121	0
				48	71	90	106	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
MgA	Moody-Gayville complex, 0 to 3 percent slopes	Moody	40	90	122	146	164	0
				62	92	117	137	1
				47	71	94	113	2
				38	57	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	36	49	61	6
MnB	Moody-Nora silty clay loams, 2 to 6 percent slopes	Moody	45	90	122	146	164	0
				62	92	117	137	1
				47	71	94	113	2
				38	57	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	36	49	61	6
MnB	Moody-Nora silty clay loams, 2 to 6 percent slopes	Nora	30	86	116	139	156	0
				60	89	112	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
MnC	Moody-Nora silty clay loams, 6 to 9 percent slopes	Moody	50	90	122	146	164	0
				62	92	117	137	1
				47	71	94	113	2
				38	57	77	95	3
				32	48	64	80	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				28	42	55	69	5
				24	36	49	61	6
MnC	Moody-Nora silty clay loams, 6 to 9 percent slopes	Nora	25	86	116	139	156	0
				60	89	112	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
MtA	Moody-Trent silty clay loams, 0 to 2 percent slopes	Moody	50	90	122	146	164	0
				62	92	117	137	1
				47	71	94	113	2
				38	57	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	36	49	61	6
MtA	Moody-Trent silty clay loams, 0 to 2 percent slopes	Trent	40	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
NcC	Nora-Crofton complex, 6 to 9 percent slopes	Nora	50	86	116	139	156	0
				60	89	112	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
NcC	Nora-Crofton complex, 6 to 9 percent slopes	Crofton	30	182	239	281	313	0
				95	143	189	225	1
				65	97	129	161	2
				49	73	98	122	3
				39	59	78	98	4
				33	49	66	82	5
				28	42	56	70	6
Ob	Obert silty clay loam, 0 to 1 percent slopes	Obert	95	90	122	145	163	0
				62	92	117	137	1
				47	71	94	113	2
				38	57	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	36	49	61	6
Sa	Salmo silty clay loam, 0 to 1 percent slopes	Salmo	75	73	100	120	135	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				23	34	46	57	6
SdE	Shindler-Houdek clay loams, 15 to 40 percent slopes	Shindler	50	40	57	70	80	0
				33	49	62	73	1
				29	43	55	66	2
				25	38	49	60	3
				22	33	44	54	4
				20	30	40	49	5
				18	27	36	45	6
SdE	Shindler-Houdek clay loams, 15 to 40 percent slopes	Houdek	25	53	74	90	102	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
SnE	Shindler-Talmo complex, 15 to 40 percent slopes	Shindler	45	40	57	70	80	0
				33	49	62	73	1
				29	43	55	66	2
				25	38	49	60	3
				22	33	44	54	4
				20	30	40	49	5
				18	27	36	45	6
SnE	Shindler-Talmo complex, 15 to 40 percent slopes	Talmo	35	174	229	269	300	0
				93	140	183	219	1
				64	95	127	159	2
				48	72	96	120	3
				39	58	78	97	4
				33	49	65	81	5
				28	42	56	70	6
SpA	Splitrock silty clay loam, 0 to 2 percent slopes	Splitrock	90	63	87	105	119	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
SpB	Splitrock silty clay loam, 2 to 6 percent slopes	Splitrock	85	63	87	105	119	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
SsF	Steinauer-Shindler clay loams, 25 to 60 percent slopes	Steinauer	40	51	71	86	98	0
				41	59	75	88	1
				34	51	65	78	2
				29	43	57	69	3
				25	38	50	62	4
				22	34	45	56	5
				20	30	40	50	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
SsF	Steinauer-Shindler clay loams, 25 to 60 percent slopes	Shindler	35	40	57	70	80	0
				33	49	62	73	1
				29	43	55	66	2
				25	38	49	60	3
				22	33	44	54	4
				20	30	40	49	5
				18	27	36	45	6
TdE	Talmo-Delmont complex, 15 to 40 percent slopes	Talmo	40	174	229	269	300	0
				93	140	183	219	1
				64	95	127	159	2
				48	72	96	120	3
				39	58	78	97	4
				33	49	65	81	5
				28	42	56	70	6
TdE	Talmo-Delmont complex, 15 to 40 percent slopes	Delmont	35	535	689	799	882	0
				146	218	291	364	1
				84	126	169	211	2
				59	89	119	148	3
				46	69	91	114	4
				37	56	74	93	5
				31	47	63	78	6
Te	Tetonka silt loam, 0 to 1 percent slopes	Tetonka	90	94	127	152	171	0
				64	95	120	142	1
				48	73	96	116	2
				39	59	78	97	3
				33	49	65	82	4
				28	42	56	70	5
				25	37	49	62	6
TfC	Thurman-Flandreau complex, 6 to 9 percent slopes	Thurman	40	294	382	445	493	0
				119	179	238	297	1
				75	112	149	187	2
				54	82	109	136	3
				43	64	85	107	4
				35	53	70	88	5
				30	45	60	75	6
TfC	Thurman-Flandreau complex, 6 to 9 percent slopes	Flandreau	35	180	237	279	310	0
				95	142	187	224	1
				64	96	129	161	2
				49	73	97	122	3
				39	59	78	98	4
				33	49	65	82	5
				28	42	56	70	6
TgD	Thurman-Grovena complex, 9 to 15 percent slopes	Thurman	40	294	382	445	493	0
				119	179	238	297	1
				75	112	149	187	2
				54	82	109	136	3
				43	64	85	107	4
				35	53	70	88	5
				30	45	60	75	6
TgD	Thurman-Grovena complex, 9 to 15 percent slopes	Grovena	35	115	154	183	205	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				73	110	139	164	1
				53	80	107	130	2
				42	63	84	106	3
				35	52	70	87	4
				30	45	59	74	5
				26	39	52	65	6
Tr	Trent silty clay loam, 0 to 2 percent slopes	Trent	80	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
Wa	Wakonda-Chancellor silty clay loams, 0 to 2 percent slopes	Wakonda	45	80	109	131	148	0
				57	84	107	125	1
				44	67	87	106	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
Wa	Wakonda-Chancellor silty clay loams, 0 to 2 percent slopes	Chancellor	35	67	92	111	126	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
WcA	Wentworth-Chancellor-Wakonda silty clay loams, 0 to 2 percent slopes	Wentworth	45	69	95	115	130	0
				51	75	96	113	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
WcA	Wentworth-Chancellor-Wakonda silty clay loams, 0 to 2 percent slopes	Chancellor	25	67	92	111	126	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
WcA	Wentworth-Chancellor-Wakonda silty clay loams, 0 to 2 percent slopes	Wakonda	20	80	109	131	148	0
				57	84	107	125	1
				44	67	87	106	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
WhA	Wentworth-Trent silty clay loams, 0 to 2 percent slopes	Wentworth	55	69	95	115	130	0
				51	75	96	113	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
WhA	Wentworth-Trent silty clay loams, 0 to 2 percent slopes	Trent	30	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
WhB	Wentworth-Trent silty clay loams, 1 to 6 percent slopes	Wentworth	60	69	95	115	130	0
				51	75	96	113	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
WhB	Wentworth-Trent silty clay loams, 1 to 6 percent slopes	Trent	25	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
Wk	Whitewood silty clay loam, 0 to 2 percent slopes	Whitewood	80	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
Wo	Worthing silty clay loam, 0 to 1 percent slopes	Worthing	95	64	88	106	121	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
Wr	Worthing-Davison complex, 0 to 2 percent slopes	Worthing	45	64	88	106	121	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
Wr	Worthing-Davison complex, 0 to 2 percent slopes	Davison	35	86	117	140	158	0
				60	89	113	133	1
				46	69	91	110	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6

South Dakota Lateral Effect Tables for Moody County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Ac	Alcester silty clay loam	Alcester	90	94	127	151	170	0
				64	95	120	141	1
				48	73	96	116	2
				39	59	78	97	3
				33	49	65	82	4
				28	42	56	70	5
				25	37	49	62	6
Ad	Alwilda sandy loam	Alwilda	85	284	369	431	477	0
				117	176	235	291	1
				74	111	148	185	2
				54	81	108	135	3
				43	64	85	106	4
				35	53	70	88	5
				30	45	60	75	6
Ar	Arlo loam	Arlo	85	179	235	276	308	0
				94	142	187	222	1
				64	96	128	160	2
				49	73	97	121	3
				39	59	78	98	4
				33	49	65	82	5
				28	42	56	70	6
Ba	Baltic silty clay loam	Baltic	85	73	100	120	136	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
Bb	Baltic silty clay loam, ponded	Baltic	90	73	100	120	136	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
BeA	Blendon sandy loam, 0 to 3 percent slopes	Blendon	85	172	227	267	298	0
				92	139	182	217	1
				63	95	126	158	2
				48	72	96	120	3
				39	58	77	97	4
				32	49	65	81	5
				28	42	56	70	6
Bo	Bon loam	Bon	85	96	129	154	173	0
				65	97	122	143	1
				49	73	98	117	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
Ca	Chancellor silty clay loam	Chancellor	85	66	91	110	124	0
				50	73	92	108	1
				40	60	77	93	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
Ch	Chaska loam, channeled	Chaska	90	72	99	119	135	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
Cm	Clamo silty clay	Clamo	90	92	124	148	167	0
				63	94	118	139	1
				48	72	95	115	2
				39	58	77	96	3
				32	49	65	81	4
				28	42	56	70	5
				24	37	49	61	6
DaA	Davis loam, 0 to 2 percent slopes	Davis	90	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
DaB	Davis loam, 2 to 9 percent slopes	Davis	85	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
Dc	Davison-Crossplain clay loams	Davison	60	74	101	121	137	0
				54	80	101	118	1
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	34	46	57	6
Dc	Davison-Crossplain clay loams	Crossplain	30	48	67	82	94	0
				39	56	71	84	1
				32	49	62	75	2
				28	42	55	67	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
DeA	Delmont loam, 0 to 2 percent slopes	Delmont	90	183	241	283	315	0
				96	143	189	226	1
				65	97	129	162	2
				49	73	98	122	3
				39	59	79	98	4
				33	49	66	82	5
				28	42	56	70	6
DgD	Delmont-Talmo complex, 6 to 40 percent slopes	Delmont	50	183	241	283	315	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				96	143	189	226	1
				65	97	129	162	2
				49	73	98	122	3
				39	59	79	98	4
				33	49	66	82	5
				28	42	56	70	6
DgD	Delmont-Talmo complex, 6 to 40 percent slopes	Talmo	30	476	614	712	787	0
				141	211	282	352	1
				83	124	165	207	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
DmA	Dempster silt loam, 0 to 2 percent slopes	Dempster	85	502	647	750	828	0
				143	215	286	358	1
				83	125	167	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
DmB	Dempster silt loam, 2 to 6 percent slopes	Dempster	85	502	647	750	828	0
				143	215	286	358	1
				83	125	167	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
DnB	Dempster-Talmo complex, 2 to 9 percent slopes	Dempster	55	502	647	750	828	0
				143	215	286	358	1
				83	125	167	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
DnB	Dempster-Talmo complex, 2 to 9 percent slopes	Talmo	25	476	614	712	787	0
				141	211	282	352	1
				83	124	165	207	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
Do	Dimo clay loam	Dimo	85	245	320	374	415	0
				110	165	220	269	1
				71	107	142	178	2
				52	79	105	131	3
				42	62	83	104	4
				34	52	69	86	5
				29	44	59	73	6
DsB	Doland loam, 2 to 6 percent slopes	Doland	85	48	68	83	94	0
				39	57	72	85	1
				32	49	63	75	2
				28	42	55	68	3
				24	37	49	60	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				22	33	44	54	5
				20	30	39	49	6
DvA	Doland-Bonilla loams, 0 to 2 percent slopes	Doland	60	48	68	83	94	0
				39	57	72	85	1
				32	49	63	75	2
				28	42	55	68	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
DvA	Doland-Bonilla loams, 0 to 2 percent slopes	Bonilla	25	90	122	146	165	0
				62	92	117	137	1
				47	71	94	113	2
				38	57	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	36	49	61	6
EeB	Egan-Ethan complex, 2 to 6 percent slopes	Egan	60	60	84	101	115	0
				46	68	86	101	1
				38	56	73	88	2
				32	47	63	77	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
EeB	Egan-Ethan complex, 2 to 6 percent slopes	Ethan	25	51	71	87	99	0
				41	59	75	88	1
				34	51	65	78	2
				29	43	57	69	3
				25	38	50	62	4
				22	34	45	56	5
				20	30	40	50	6
EnA	Enet loam, 0 to 2 percent slopes	Enet	85	519	668	775	855	0
				144	217	289	361	1
				84	126	168	210	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
EoA	Enet-Dimo complex, 0 to 2 percent slopes	Enet	60	519	668	775	855	0
				144	217	289	361	1
				84	126	168	210	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
EoA	Enet-Dimo complex, 0 to 2 percent slopes	Dimo	25	245	320	374	415	0
				110	165	220	269	1
				71	107	142	178	2
				52	79	105	131	3
				42	62	83	104	4
				34	52	69	86	5
				29	44	59	73	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
ErD	Ethan-Clarno loams, 6 to 25 percent slopes	Ethan	50	51	71	87	99	0
				41	59	75	88	1
				34	51	65	78	2
				29	43	57	69	3
				25	38	50	62	4
				22	34	45	56	5
				20	30	40	50	6
ErD	Ethan-Clarno loams, 6 to 25 percent slopes	Clarno	35	60	83	100	114	0
				46	67	85	100	1
				38	56	73	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
EsD	Ethan-Clarno loams, 6 to 25 percent slopes, very bouldery	Ethan	50	52	72	88	100	0
				41	60	76	89	1
				34	51	66	79	2
				29	44	58	70	3
				25	38	51	62	4
				23	34	45	56	5
				20	30	41	51	6
EsD	Ethan-Clarno loams, 6 to 25 percent slopes, very bouldery	Clarno	35	60	84	101	115	0
				46	68	86	101	1
				38	56	73	88	2
				32	47	63	77	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
EtC	Ethan-Egan complex, 5 to 9 percent slopes	Ethan	45	51	71	87	99	0
				41	59	75	88	1
				34	51	65	78	2
				29	43	57	69	3
				25	38	50	62	4
				22	34	45	56	5
				20	30	40	50	6
EtC	Ethan-Egan complex, 5 to 9 percent slopes	Egan	40	60	84	101	115	0
				46	68	86	101	1
				38	56	73	88	2
				32	47	63	77	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
ExC	Ethan-Egan complex, 2 to 9 percent slopes, very stony	Ethan	50	52	72	88	100	0
				41	60	76	89	1
				34	51	66	79	2
				29	44	58	70	3
				25	38	51	62	4
				23	34	45	56	5
				20	30	41	51	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
ExC	Ethan-Egan complex, 2 to 9 percent slopes, very stony	Egan	35	60	84	101	115	0
				46	68	86	101	1
				38	56	73	88	2
				32	47	63	77	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
FaA	Flandreau loam, 0 to 2 percent slopes	Flandreau	85	202	265	310	345	0
				100	151	201	240	1
				67	100	134	167	2
				50	75	100	125	3
				40	60	80	100	4
				33	50	67	83	5
				29	43	57	72	6
FaB	Flandreau loam, 2 to 6 percent slopes	Flandreau	85	202	265	310	345	0
				100	151	201	240	1
				67	100	134	167	2
				50	75	100	125	3
				40	60	80	100	4
				33	50	67	83	5
				29	43	57	72	6
FmB	Flandreau-Maddock complex, 2 to 6 percent slopes	Flandreau	60	202	265	310	345	0
				100	151	201	240	1
				67	100	134	167	2
				50	75	100	125	3
				40	60	80	100	4
				33	50	67	83	5
				29	43	57	72	6
FmB	Flandreau-Maddock complex, 2 to 6 percent slopes	Maddock	30	344	446	519	574	0
				126	190	253	316	1
				77	116	155	194	2
				56	84	112	140	3
				44	65	87	109	4
				36	54	72	90	5
				30	46	61	76	6
Ga	Graceville silty clay loam	Graceville	85	303	393	458	508	0
				120	181	241	301	1
				75	113	150	188	2
				55	82	109	137	3
				43	64	86	107	4
				35	53	71	88	5
				30	45	60	75	6
GrB	Grovena loam, 2 to 6 percent slopes	Grovena	85	103	138	165	185	0
				68	102	128	151	1
				51	76	101	122	2
				40	61	81	101	3
				34	50	67	84	4
				29	43	58	72	5
				25	38	50	63	6
GvA	Grovena-Bonilla loams, 0 to 2 percent slopes	Grovena	60	103	138	165	185	0
				68	102	128	151	1
				51	76	101	122	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				40	61	81	101	3
				34	50	67	84	4
				29	43	58	72	5
				25	38	50	63	6
GvA	Grovena-Bonilla loams, 0 to 2 percent slopes	Bonilla	25	90	122	146	165	0
				62	92	117	137	1
				47	71	94	113	2
				38	57	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	36	49	61	6
HoA	Houdek clay loam, 0 to 2 percent slopes	Houdek	85	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
HoB	Houdek clay loam, 2 to 6 percent slopes	Houdek	85	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
HsC	Houdek-Shindler clay loams, 5 to 9 percent slopes	Houdek	65	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
HsC	Houdek-Shindler clay loams, 5 to 9 percent slopes	Shindler	20	37	53	66	76	0
				31	46	58	69	1
				27	40	52	63	2
				24	36	47	57	3
				21	32	42	52	4
				19	29	38	47	5
				18	26	35	43	6
HsD	Houdek-Shindler clay loams, 6 to 25 percent slopes	Houdek	50	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
HsD	Houdek-Shindler clay loams, 6 to 25 percent slopes	Shindler	35	37	53	66	76	0
				31	46	58	69	1
				27	40	52	63	2
				24	36	47	57	3
				21	32	42	52	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				19	29	38	47	5
				18	26	35	43	6
HtD	Houdek-Talmo complex, 6 to 40 percent slopes	Houdek	50	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
HtD	Houdek-Talmo complex, 6 to 40 percent slopes	Talmo	35	476	614	712	787	0
				141	211	282	352	1
				83	124	165	207	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
HuA	Huntimer silty clay loam, 0 to 3 percent slopes	Huntimer	90	83	113	135	153	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
KaB	Kranzburg silty clay loam, 2 to 6 percent slopes	Kranzburg	85	64	88	107	121	0
				48	71	90	106	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
KbA	Kranzburg-Brookings silty clay loams, 0 to 2 percent slopes	Kranzburg	65	64	88	107	121	0
				48	71	90	106	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
KbA	Kranzburg-Brookings silty clay loams, 0 to 2 percent slopes	Brookings	25	65	90	108	123	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
La	Lamo silty clay loam	Lamo	85	65	90	108	122	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Lb	Lamo silty clay loam, frequently flooded	Lamo	85	65	90	108	122	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
MfC	Maddock-Flandreau complex, 5 to 9 percent slopes	Maddock	50	344	446	519	574	0
				126	190	253	316	1
				77	116	155	194	2
				56	84	112	140	3
				44	65	87	109	4
				36	54	72	90	5
				30	46	61	76	6
MfC	Maddock-Flandreau complex, 5 to 9 percent slopes	Flandreau	35	202	265	310	345	0
				100	151	201	240	1
				67	100	134	167	2
				50	75	100	125	3
				40	60	80	100	4
				33	50	67	83	5
				29	43	57	72	6
MnB	Moody-Nora silty clay loams, 2 to 6 percent slopes	Moody	55	86	117	139	157	0
				60	89	113	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
MnB	Moody-Nora silty clay loams, 2 to 6 percent slopes	Nora	30	82	111	133	150	0
				58	86	109	127	1
				45	68	89	107	2
				37	55	74	90	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6
MoB	Moody silty clay loam, 2 to 4 percent slopes	Moody	90	86	117	139	157	0
				60	89	113	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
MtA	Moody-Trent silty clay loams, 0 to 2 percent slopes	Moody	65	86	117	139	157	0
				60	89	113	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
MtA	Moody-Trent silty clay loams, 0 to 2 percent slopes	Trent	25	82	111	133	150	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				58	86	109	127	1
				45	68	89	107	2
				37	55	74	90	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6
NcC	Nora-Crofton complex, 5 to 9 percent slopes	Nora	70	82	111	133	150	0
				58	86	109	127	1
				45	68	89	107	2
				37	55	74	90	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6
NcC	Nora-Crofton complex, 5 to 9 percent slopes	Crofton	20	172	227	267	298	0
				92	139	182	217	1
				63	95	126	158	2
				48	72	96	120	3
				39	58	77	97	4
				32	49	65	81	5
				28	42	56	70	6
NmC	Nora-Moody silty clay loams, 5 to 9 percent slopes	Nora	45	82	111	133	150	0
				58	86	109	127	1
				45	68	89	107	2
				37	55	74	90	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6
NmC	Nora-Moody silty clay loams, 5 to 9 percent slopes	Moody	40	86	117	139	157	0
				60	89	113	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
Sa	Salmo silty clay loam	Salmo	85	63	87	105	119	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
ShE	Shindler-Houdek clay loams, 15 to 40 percent slopes	Shindler	45	37	53	66	76	0
				31	46	58	69	1
				27	40	52	63	2
				24	36	47	57	3
				21	32	42	52	4
				19	29	38	47	5
				18	26	35	43	6
ShE	Shindler-Houdek clay loams, 15 to 40 percent slopes	Houdek	40	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
Tr	Trent silty clay loam	Trent	85	83	113	135	153	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
Wa	Wakonda-Chancellor silty clay loams	Wakonda	55	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
Wa	Wakonda-Chancellor silty clay loams	Chancellor	35	66	91	110	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
WcA	Wentworth-Chancellor-Wakonda silty clay loams, 0 to 2 percent slopes	Wentworth	55	81	110	131	148	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
WcA	Wentworth-Chancellor-Wakonda silty clay loams, 0 to 2 percent slopes	Chancellor	20	66	91	110	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
WcA	Wentworth-Chancellor-Wakonda silty clay loams, 0 to 2 percent slopes	Wakonda	15	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
WeB	Wentworth-Egan silty clay loams, 2 to 6 percent slopes	Wentworth	55	92	125	149	167	0
				63	94	119	140	1
				48	72	95	115	2
				39	58	77	96	3
				32	49	65	81	4
				28	42	56	70	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				24	37	49	61	6
WeB	Wentworth-Egan silty clay loams, 2 to 6 percent slopes	Egan	30	60	84	101	115	0
				46	68	86	101	1
				38	56	73	88	2
				32	47	63	77	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
WhA	Wentworth-Trent silty clay loams, 0 to 2 percent slopes	Wentworth	65	92	125	149	167	0
				63	94	119	140	1
				48	72	95	115	2
				39	58	77	96	3
				32	49	65	81	4
				28	42	56	70	5
				24	37	49	61	6
WhA	Wentworth-Trent silty clay loams, 0 to 2 percent slopes	Trent	25	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
Wo	Worthing silty clay loam	Worthing	95	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6

South Dakota Lateral Effect Tables for Potter

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
AgA	Agar silt loam, 0 to 2 percent slopes	Agar	85	117	156	185	208	0
				74	111	140	166	1
				54	81	108	131	2
				42	64	85	106	3
				35	53	70	88	4
				30	45	60	74	5
				26	39	52	65	6
AgB	Agar silt loam, 2 to 6 percent slopes	Agar	90	117	156	185	208	0
				74	111	140	166	1
				54	81	108	131	2
				42	64	85	106	3
				35	53	70	88	4
				30	45	60	74	5
				26	39	52	65	6
AmA	slopes	Agar	60	117	156	185	208	0
				74	111	140	166	1
				54	81	108	131	2
				42	64	85	106	3
				35	53	70	88	4
				30	45	60	74	5
				26	39	52	65	6
AmA	slopes	Mobridge	30	120	160	190	212	0
				75	112	143	169	1
				54	82	109	133	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
AoA	percent slopes	Agar	60	117	156	185	208	0
				74	111	140	166	1
				54	81	108	131	2
				42	64	85	106	3
				35	53	70	88	4
				30	45	60	74	5
				26	39	52	65	6
AoA	percent slopes	Mobridge	20	120	160	190	212	0
				75	112	143	169	1
				54	82	109	133	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
AoA	percent slopes	Tetonka	15	110	147	175	196	0
				71	106	134	159	1
				52	78	105	127	2
				41	62	83	104	3
				34	52	69	86	4
				29	44	59	73	5
				26	38	51	64	6
BgE	slopes	Betts	50	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
BgE	slopes	Gettys	30	34	48	60	69	0
				29	42	54	63	1
				25	37	49	58	2
				22	33	44	53	3
				20	30	40	49	4
				18	27	36	45	5
				17	25	33	41	6
BkE	Betts-Java loams, 9 to 25 percent slopes	Betts	55	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
BkE	Betts-Java loams, 9 to 25 percent slopes	Java	30	60	83	100	114	0
				46	67	85	100	1
				37	56	72	87	2
				31	47	63	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
Bo	Bon loam	Bon	85	103	139	165	185	0
				68	102	128	151	1
				51	76	101	123	2
				40	61	81	101	3
				34	50	67	84	4
				29	43	58	72	5
				25	38	50	63	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Bv	Bon loam, channeled	Bon	85	103	139	165	185	0
				68	102	128	151	1
				51	76	101	123	2
				40	61	81	101	3
				34	50	67	84	4
				29	43	58	72	5
				25	38	50	63	6
CaA	Cavo loam, 0 to 2 percent slopes	Cavo	80	66	90	109	123	0
				49	72	92	107	1
				40	59	77	93	2
				33	50	66	80	3
				28	43	57	70	4
				25	37	50	62	5
				22	33	44	55	6
Da	Davison loam	Davison	90	95	128	152	171	0
				64	96	121	142	1
				49	73	97	117	2
				39	59	78	97	3
				33	49	65	82	4
				28	42	56	70	5
				25	37	49	62	6
De	DeGrey silt loam	DeGrey	85	81	110	132	149	0
				58	85	108	127	1
				45	67	88	107	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
DmA	Delmont loam, 0 to 2 percent slopes	Delmont	90	187	247	289	322	0
				97	145	192	229	1
				65	98	130	163	2
				49	74	98	123	3
				39	59	79	99	4
				33	49	66	82	5
				28	42	57	71	6
DsD	slopes	Delmont	55	187	247	289	322	0
				97	145	192	229	1
				65	98	130	163	2
				49	74	98	123	3
				39	59	79	99	4
				33	49	66	82	5
				28	42	57	71	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
DsD	slopes	Schamber	30	343	445	518	573	0
				126	190	253	316	1
				77	116	155	194	2
				56	84	112	140	3
				44	65	87	109	4
				36	54	72	90	5
				30	46	61	76	6
Du	Durrstein silt loam	Durrstein	85	62	86	104	118	0
				48	70	88	104	1
				38	58	75	90	2
				32	48	64	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	43	54	6
EaA	Eakin silt loam, 0 to 2 percent slopes	Eakin	85	79	108	129	146	0
				57	84	106	124	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
EpB	Eakin-Peno complex, 2 to 6 percent slopes	Eakin	60	79	108	129	146	0
				57	84	106	124	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
EpB	Eakin-Peno complex, 2 to 6 percent slopes	Peno	25	39	56	69	79	0
				33	48	61	71	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	53	4
				20	30	40	49	5
				18	27	36	45	6
EpC	Eakin-Peno complex, 6 to 9 percent slopes	Eakin	55	79	108	129	146	0
				57	84	106	124	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
EpC	Eakin-Peno complex, 6 to 9 percent slopes	Peno	30	39	56	69	79	0
				33	48	61	71	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	53	4
				20	30	40	49	5
				18	27	36	45	6
GeF	Gettys clay loam, 25 to 40 percent slopes	Gettys	85	34	48	60	69	0
				29	42	54	63	1
				25	37	49	58	2
				22	33	44	53	3
				20	30	40	49	4
				18	27	36	45	5
				17	25	33	41	6
GlA	Glenham loam, 0 to 2 percent slopes	Glenham	90	45	63	77	89	0
				37	53	68	80	1
				31	46	60	71	2
				27	40	53	64	3
				24	35	47	58	4
				21	32	42	52	5
				19	29	38	48	6
GpB	slopes	Glenham	60	45	63	77	89	0
				37	53	68	80	1
				31	46	60	71	2
				27	40	53	64	3
				24	35	47	58	4
				21	32	42	52	5
				19	29	38	48	6
GpB	slopes	Plankinton	25	87	118	142	159	0
				61	90	114	134	1
				47	70	92	111	2
				38	57	76	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
GrA	slopes	Glenham	55	45	63	77	89	0
				37	53	68	80	1
				31	46	60	71	2
				27	40	53	64	3
				24	35	47	58	4
				21	32	42	52	5
				19	29	38	48	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
GrA	slopes	Prosper	35	71	98	118	133	0
				53	77	98	115	1
				42	62	81	98	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
GrB	slopes	Glenham	65	45	63	77	89	0
				37	53	68	80	1
				31	46	60	71	2
				27	40	53	64	3
				24	35	47	58	4
				21	32	42	52	5
				19	29	38	48	6
GrB	slopes	Prosper	25	71	98	118	133	0
				53	77	98	115	1
				42	62	81	98	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
HbA	Highmore silt loam, 0 to 2 percent slopes	Highmore	90	78	106	127	144	0
				56	83	105	123	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
HbB	Highmore silt loam, 2 to 6 percent slopes	Highmore	85	78	106	127	144	0
				56	83	105	123	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
HbC	Highmore silt loam, 6 to 9 percent slopes	Highmore	90	78	106	127	144	0
				56	83	105	123	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
HdA	slopes	Highmore	55	78	106	127	144	0
				56	83	105	123	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
HdA	slopes	DeGrey	25	81	110	132	149	0
				58	85	108	127	1
				45	67	88	107	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
HfA	slopes	Highmore	55	78	106	127	144	0
				56	83	105	123	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
HfA	slopes	Mobridge	30	120	160	190	212	0
				75	112	143	169	1
				54	82	109	133	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
HgB	percent slopes	Highmore	55	78	106	127	144	0
				56	83	105	123	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
HgB	percent slopes	Peno	30	39	56	69	79	0
				33	48	61	71	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	53	4
				20	30	40	49	5
				18	27	36	45	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
HgC	percent slopes	Highmore	45	78	106	127	144	0
				56	83	105	123	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
HgC	percent slopes	Peno	35	39	56	69	79	0
				33	48	61	71	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	53	4
				20	30	40	49	5
				18	27	36	45	6
Ho	Hoven silt loam	Hoven	80	71	97	117	132	0
				52	77	98	114	1
				42	62	81	98	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
JbC	Java-Betts loams, 6 to 9 percent slopes	Java	55	60	83	100	114	0
				46	67	85	100	1
				37	56	72	87	2
				31	47	63	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
JbC	Java-Betts loams, 6 to 9 percent slopes	Betts	25	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
JgB	Java-Glenham loams, 2 to 6 percent slopes	Java	45	60	83	100	114	0
				46	67	85	100	1
				37	56	72	87	2
				31	47	63	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
JgB	Java-Glenham loams, 2 to 6 percent slopes	Glenham	40	45	63	77	89	0
				37	53	68	80	1
				31	46	60	71	2
				27	40	53	64	3
				24	35	47	58	4
				21	32	42	52	5
				19	29	38	48	6
JmE	slopes	Java	50	60	83	100	114	0
				46	67	85	100	1
				37	56	72	87	2
				31	47	63	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
JmE	slopes	Schamber	25	343	445	518	573	0
				126	190	253	316	1
				77	116	155	194	2
				56	84	112	140	3
				44	65	87	109	4
				36	54	72	90	5
				30	46	61	76	6
Jr	Jerauld silt loam	Jerauld	75	62	86	104	118	0
				47	70	88	103	1
				38	58	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	37	49	61	5
				22	33	43	54	6
LoA	Lowry silt loam, 0 to 2 percent slopes	Lowry	86	162	214	252	281	0
				90	134	175	209	1
				62	93	124	155	2
				47	71	94	118	3
				38	57	76	96	4
				32	48	64	80	5
				28	41	55	69	6
LoB	Lowry silt loam, 2 to 6 percent slopes	Lowry	90	162	214	252	281	0
				90	134	175	209	1
				62	93	124	155	2
				47	71	94	118	3
				38	57	76	96	4
				32	48	64	80	5
				28	41	55	69	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
LoC	Lowry silt loam, 6 to 9 percent slopes	Lowry	80	162	214	252	281	0
				90	134	175	209	1
				62	93	124	155	2
				47	71	94	118	3
				38	57	76	96	4
				32	48	64	80	5
				28	41	55	69	6
LpC	Lowry-Peno complex, 6 to 9 percent slopes	Lowry	60	162	214	252	281	0
				90	134	175	209	1
				62	93	124	155	2
				47	71	94	118	3
				38	57	76	96	4
				32	48	64	80	5
				28	41	55	69	6
LpC	Lowry-Peno complex, 6 to 9 percent slopes	Peno	25	39	56	69	79	0
				33	48	61	71	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	53	4
				20	30	40	49	5
				18	27	36	45	6
LpD	Lowry-Peno complex, 9 to 15 percent slopes	Lowry	55	162	214	252	281	0
				90	134	175	209	1
				62	93	124	155	2
				47	71	94	118	3
				38	57	76	96	4
				32	48	64	80	5
				28	41	55	69	6
LpD	Lowry-Peno complex, 9 to 15 percent slopes	Peno	30	39	56	69	79	0
				33	48	61	71	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	53	4
				20	30	40	49	5
				18	27	36	45	6
Mo	Mobridge silt loam	Mobridge	85	120	160	190	212	0
				75	112	143	169	1
				54	82	109	133	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
OaA	Oahe loam, 0 to 2 percent slopes	Oahe	98	495	637	739	816	0
				142	214	285	356	1
				83	125	166	208	2
				59	88	117	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
OaB	Oahe loam, 2 to 6 percent slopes	Oahe	95	495	637	739	816	0
				142	214	285	356	1
				83	125	166	208	2
				59	88	117	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
OdB	Oahe-Delmont loams, 2 to 6 percent slopes	Oahe	60	495	637	739	816	0
				142	214	285	356	1
				83	125	166	208	2
				59	88	117	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
OdB	Oahe-Delmont loams, 2 to 6 percent slopes	Delmont	35	187	247	289	322	0
				97	145	192	229	1
				65	98	130	163	2
				49	74	98	123	3
				39	59	79	99	4
				33	49	66	82	5
				28	42	57	71	6
Pa	Pits, gravel	Orthents	99	553	711	824	910	0
				147	220	294	367	1
				85	127	169	212	2
				59	89	119	149	3
				46	69	92	115	4
				37	56	75	93	5
				31	47	63	79	6
Pk	Plankinton silt loam	Plankinton	85	87	118	142	159	0
				61	90	114	134	1
				47	70	92	111	2
				38	57	76	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
PrA	Promise clay, 0 to 2 percent slopes	Promise	90	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
PrB	Promise clay, 2 to 6 percent slopes	Promise	90	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
RaA	Raber loam, 0 to 2 percent slopes	Raber	85	44	62	75	86	0
				36	52	66	78	1
				30	45	59	70	2
				26	40	52	63	3
				23	35	46	57	4
				21	31	42	51	5
				19	28	38	47	6
RaB	Raber loam, 2 to 6 percent slopes	Raber	85	44	62	75	86	0
				36	52	66	78	1
				30	45	59	70	2
				26	40	52	63	3
				23	35	46	57	4
				21	31	42	51	5
				19	28	38	47	6
RcA	Raber-Cavo loams, 0 to 2 percent slopes	Raber	55	44	62	75	86	0
				36	52	66	78	1
				30	45	59	70	2
				26	40	52	63	3
				23	35	46	57	4
				21	31	42	51	5
				19	28	38	47	6
RcA	Raber-Cavo loams, 0 to 2 percent slopes	Cavo	30	66	90	109	123	0
				49	72	92	107	1
				40	59	77	93	2
				33	50	66	80	3
				28	43	57	70	4
				25	37	50	62	5
				22	33	44	55	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
RcB	Raber-Cavo loams, 2 to 6 percent slopes	Raber	60	44	62	75	86	0
				36	52	66	78	1
				30	45	59	70	2
				26	40	52	63	3
				23	35	46	57	4
				21	31	42	51	5
				19	28	38	47	6
RcB	Raber-Cavo loams, 2 to 6 percent slopes	Cavo	25	66	90	109	123	0
				49	72	92	107	1
				40	59	77	93	2
				33	50	66	80	3
				28	43	57	70	4
				25	37	50	62	5
				22	33	44	55	6
RgD	Raber-Gettys complex, 9 to 25 percent slopes	Raber	60	44	62	75	86	0
				36	52	66	78	1
				30	45	59	70	2
				26	40	52	63	3
				23	35	46	57	4
				21	31	42	51	5
				19	28	38	47	6
RgD	Raber-Gettys complex, 9 to 25 percent slopes	Gettys	30	34	48	60	69	0
				29	42	54	63	1
				25	37	49	58	2
				22	33	44	53	3
				20	30	40	49	4
				18	27	36	45	5
				17	25	33	41	6
RhC	Raber-Peno loams, 6 to 9 percent slopes	Raber	50	44	62	75	86	0
				36	52	66	78	1
				30	45	59	70	2
				26	40	52	63	3
				23	35	46	57	4
				21	31	42	51	5
				19	28	38	47	6
RhC	Raber-Peno loams, 6 to 9 percent slopes	Peno	30	39	56	69	79	0
				33	48	61	71	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	53	4
				20	30	40	49	5
				18	27	36	45	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Rn	Ranslo silt loam	Ranslo	85	150	199	235	262	0
				86	129	167	199	1
				60	90	120	150	2
				46	69	92	115	3
				38	56	75	94	4
				32	47	63	79	5
				27	41	55	68	6
Rr	Ranslo-Durrstein silt loams	Ranslo	60	150	199	235	262	0
				86	129	167	199	1
				60	90	120	150	2
				46	69	92	115	3
				38	56	75	94	4
				32	47	63	79	5
				27	41	55	68	6
Rr	Ranslo-Durrstein silt loams	Durrstein	30	29	86	104	118	0
				25	55	88	104	1
				22	40	67	90	2
				20	32	53	74	3
				18	28	44	61	4
				17	25	37	52	5
				16	23	32	45	6
RsA	Ree loam, 0 to 2 percent slopes	Ree	90	29	501	583	644	0
				25	88	170	253	1
				22	48	93	138	2
				20	33	64	95	3
				18	28	49	73	4
				17	25	40	59	5
				16	23	33	49	6
Rt	Regan silt loam	Regan	85	29	206	242	270	0
				25	74	138	202	1
				22	45	84	123	2
				20	33	61	89	3
				18	28	47	69	4
				17	25	39	57	5
				16	23	33	48	6
ScF	slopes	Schamber	75	343	445	518	573	0
				126	190	253	316	1
				77	116	155	194	2
				56	84	112	140	3
				44	65	87	109	4
				36	54	72	90	5
				30	46	61	76	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Te	Tetonka silt loam	Tetonka	80	110	147	175	196	0
				71	106	134	159	1
				52	78	105	127	2
				41	62	83	104	3
				34	52	69	86	4
				29	44	59	73	5
				26	38	51	64	6
Wa	Walke silt loam	Walke	80	112	150	178	200	0
				72	108	136	161	1
				53	79	106	128	2
				42	63	84	104	3
				35	52	69	86	4
				29	44	59	74	5
				26	39	51	64	6
***NOTE:**	The following soils have a barrier layer less than eight (8) feet and must be calculated using a different method.							
Hu	Hurley silt loam			barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
Hz	Hurley-Slickspots complex	Hurley	55	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
Hz	Hurley-Slickspots complex	Slickspots	30	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
OkF	Okaton silty clay, 15 to 40 percent slopes	Okaton	85	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
OpB	Opal clay, 2 to 6 percent slopes	Opal	85	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
OpC	Opal clay, 6 to 9 percent slopes	Opal	85	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
OsD	Opal-Sansarc clays, 9 to 25 percent slopes	Opal	55	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
OsD	Opal-Sansarc clays, 9 to 25 percent slopes	Sansarc	30	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
SaF	Sansarc clay, 15 to 40 percent slopes	Sansarc	80	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6

South Dakota Lateral Effect Tables for Roberts County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
AaA	Aastad loam, 0 to 2 percent slopes	Aastad	85	41	58	71	81	0
				34	50	63	74	1
				29	43	56	67	2
				25	38	50	60	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6
Ac	Antler-Colvin silt loams	Antler	50	75	102	123	139	0
				55	80	102	119	1
				43	64	84	101	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
Ac	Antler-Colvin silt loams	Colvin	30	88	119	142	160	0
				61	91	115	134	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
At	Antler-Tonka silt loams	Antler	45	75	102	123	139	0
				55	80	102	119	1
				43	64	84	101	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
At	Antler-Tonka silt loams	Tonka	25	72	98	118	134	0
				53	78	98	115	1
				42	63	82	99	2
				35	52	69	84	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
AvA	Antler and Hamerly soils, 0 to 2 percent slopes	Antler	45	75	102	123	139	0
				55	80	102	119	1
				43	64	84	101	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
AvA	Antler and Hamerly soils, 0 to 2 percent slopes	Hamerly	40	57	80	97	110	0
				44	65	83	97	1
				36	54	71	85	2
				31	46	61	75	3
				27	40	53	66	4
				24	35	47	59	5
				21	32	42	53	6
BbE	Barnes-Buse stony complex, 9 to 40 percent slopes	Barnes	50	56	78	94	108	0
				44	64	81	95	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
BbE	Barnes-Buse stony complex, 9 to 40 percent slopes	Buse	25	36	51	63	73	0
				31	44	56	66	1
				26	39	51	60	2
				23	35	46	55	3
				21	31	41	51	4
				19	28	38	46	5
				17	26	35	43	6
Be	Bearden silty clay loam	Bearden	85	54	75	91	103	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
Bo	Borup silt loam	Borup	85	246	322	376	417	0
				110	165	221	269	1
				71	107	142	178	2
				52	79	105	131	3
				42	62	83	104	4
				34	52	69	86	5
				29	44	59	73	6
BpF	Buse-Forman loams, 20 to 40 percent slopes	Buse	50	37	52	65	74	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
BpF	Buse-Forman loams, 20 to 40 percent slopes	Forman	20	63	87	105	120	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
Co	Colvin silt loam, saline	Colvin	90	88	119	142	160	0
				61	91	115	134	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
DcA	Dickey fine sandy loam, 0 to 2 percent slopes	Dickey	80	79	108	129	146	0
				57	84	106	124	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				27	40	53	66	5
				23	35	47	59	6
DcB	Dickey fine sandy loam, 2 to 6 percent slopes	Dickey	80	79	108	129	146	0
				57	84	106	124	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
Dm	Divide-Marysland loams	Divide	55	499	643	746	824	0
				143	214	286	357	1
				83	125	167	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
Dm	Divide-Marysland loams	Marysland	40	340	441	513	568	0
				126	189	252	315	1
				77	116	155	193	2
				56	84	111	139	3
				44	65	87	109	4
				36	54	72	89	5
				30	46	61	76	6
Do	Doran loam	Doran	80	43	61	74	85	0
				35	52	65	77	1
				30	45	58	69	2
				26	39	51	63	3
				23	35	46	56	4
				21	31	41	51	5
				19	28	38	47	6
Dv	Castlewood clay	Castlewood	85	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
EcA	Eckman loam, 0 to 2 percent slopes	Eckman	85	113	152	180	202	0
				72	108	137	163	1
				53	80	106	129	2
				42	63	84	105	3
				35	52	69	87	4
				30	44	59	74	5
				26	39	51	64	6
EcB	Eckman loam, 2 to 6 percent slopes	Eckman	80	113	152	180	202	0
				72	108	137	163	1
				53	80	106	129	2
				42	63	84	105	3
				35	52	69	87	4
				30	44	59	74	5
				26	39	51	64	6
EeC	Eckman-Zell complex, 6 to 9 percent slopes	Eckman	65	113	152	180	202	0
				72	108	137	163	1
				53	80	106	129	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				42	63	84	105	3
				35	52	69	87	4
				30	44	59	74	5
				26	39	51	64	6
EeC	Eckman-Zell complex, 6 to 9 percent slopes	Zell	25	199	261	307	341	0
				100	150	199	238	1
				67	100	133	166	2
				50	75	100	125	3
				40	60	80	100	4
				33	50	67	83	5
				29	43	57	71	6
Eh	Embden-Hamar fine sandy loams	Embden	70	176	232	273	303	0
				94	140	185	221	1
				64	96	128	159	2
				48	73	97	121	3
				39	58	78	97	4
				33	49	65	81	5
				28	42	56	70	6
Eh	Embden-Hamar fine sandy loams	Hamar	20	157	208	245	273	0
				88	132	172	205	1
				61	92	122	153	2
				47	70	94	117	3
				38	57	76	95	4
				32	48	64	80	5
				27	41	55	69	6
FdA	Fordville loam, 0 to 3 percent slopes	Fordville	90	178	234	275	306	0
				94	141	186	222	1
				64	96	128	160	2
				49	73	97	121	3
				39	59	78	98	4
				33	49	65	82	5
				28	42	56	70	6
FeB	Fordville-Renshaw loams, 3 to 6 percent slopes	Fordville	70	178	234	275	306	0
				94	141	186	222	1
				64	96	128	160	2
				49	73	97	121	3
				39	59	78	98	4
				33	49	65	82	5
				28	42	56	70	6
FeB	Fordville-Renshaw loams, 3 to 6 percent slopes	Renshaw	25	243	318	371	412	0
				110	165	219	267	1
				71	106	142	177	2
				52	78	105	131	3
				41	62	83	104	4
				34	52	69	86	5
				29	44	59	73	6
FoA	Forman-Aastad loams, 0 to 2 percent slopes	Forman	70	63	87	105	120	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				22	33	44	54	6
FoA	Forman-Aastad loams, 0 to 2 percent slopes	Aastad	20	41	58	71	81	0
				34	50	63	74	1
				29	43	56	67	2
				25	38	50	60	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6
FoB	Forman-Aastad loams, 2 to 6 percent slopes	Forman	60	63	87	105	120	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
FoB	Forman-Aastad loams, 2 to 6 percent slopes	Aastad	25	41	58	71	81	0
				34	50	63	74	1
				29	43	56	67	2
				25	38	50	60	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6
FoC	Forman-Aastad loams, 6 to 9 percent slopes	Forman	60	63	87	105	120	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
FoC	Forman-Aastad loams, 6 to 9 percent slopes	Aastad	25	41	58	71	81	0
				34	50	63	74	1
				29	43	56	67	2
				25	38	50	60	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6
FoD	Forman-Aastad loams, 9 to 15 percent slopes	Forman	55	63	87	105	120	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
FoD	Forman-Aastad loams, 9 to 15 percent slopes	Aastad	25	41	58	71	81	0
				34	50	63	74	1
				29	43	56	67	2
				25	38	50	60	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
FsB	Forman-Aastad stony complex, 0 to 9 percent slopes	Forman	65	63	87	105	120	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
FsB	Forman-Aastad stony complex, 0 to 9 percent slopes	Aastad	25	41	58	71	81	0
				34	50	63	74	1
				29	43	56	67	2
				25	38	50	60	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6
FuC	Forman-Buse loams, 6 to 9 percent slopes, eroded	Forman	55	63	87	105	120	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
FuC	Forman-Buse loams, 6 to 9 percent slopes, eroded	Buse	25	37	52	65	74	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
FuD	Forman-Buse loams, 9 to 15 percent slopes, eroded	Forman	55	63	87	105	120	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
FuD	Forman-Buse loams, 9 to 15 percent slopes, eroded	Buse	25	37	52	65	74	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
FuE	Forman-Buse loams, 15 to 25 percent slopes	Forman	45	63	87	105	120	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
FuE	Forman-Buse loams, 15 to 25 percent slopes	Buse	25	37	52	65	74	0
				31	45	58	68	1
				27	40	52	62	2
				24	36	46	56	3
				21	32	42	51	4
				19	29	38	47	5
				18	26	35	43	6
FvE	Forman-Buse stony complex, 9 to 40 percent slopes	Forman	55	63	87	105	120	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
FvE	Forman-Buse stony complex, 9 to 40 percent slopes	Buse	20	36	51	63	73	0
				31	44	56	66	1
				26	39	51	60	2
				23	35	46	55	3
				21	31	41	51	4
				19	28	38	46	5
				17	26	35	43	6
Ga	Gardena silt loam	Gardena	85	126	168	198	222	0
				77	116	148	175	1
				56	84	112	137	2
				44	65	87	109	3
				36	54	72	89	4
				30	46	61	76	5
				26	40	53	66	6
GyA	Glyndon silt loam, 0 to 3 percent slopes	Glyndon	85	115	153	182	204	0
				73	110	138	164	1
				53	80	107	130	2
				42	63	84	106	3
				35	52	70	87	4
				30	45	59	74	5
				26	39	52	65	6
Ha	Hamar fine sandy loam	Hamar	90	157	208	245	273	0
				88	132	172	205	1
				61	92	122	153	2
				47	70	94	117	3
				38	57	76	95	4
				32	48	64	80	5
				27	41	55	69	6
HbA	Hamerly-Tonka complex, 0 to 3 percent slopes	Hamerly	45	57	80	97	110	0
				44	65	83	97	1
				36	54	71	85	2
				31	46	61	75	3
				27	40	53	66	4
				24	35	47	59	5
				21	32	42	53	6
HbA	Hamerly-Tonka complex, 0 to 3 percent slopes	Tonka	25	72	98	118	134	0
				53	78	98	115	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				42	63	82	99	2
				35	52	69	84	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
HcA	Hamerly-Vallers loams, 0 to 2 percent slopes	Hamerly	65	57	80	97	110	0
				44	65	83	97	1
				36	54	71	85	2
				31	46	61	75	3
				27	40	53	66	4
				24	35	47	59	5
				21	32	42	53	6
HcA	Hamerly-Vallers loams, 0 to 2 percent slopes	Vallers	20	48	67	82	94	0
				39	56	71	84	1
				32	49	62	75	2
				28	42	55	67	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
HcB	Hamerly-Vallers loams, 2 to 4 percent slopes	Hamerly	65	57	80	97	110	0
				44	65	83	97	1
				36	54	71	85	2
				31	46	61	75	3
				27	40	53	66	4
				24	35	47	59	5
				21	32	42	53	6
HcB	Hamerly-Vallers loams, 2 to 4 percent slopes	Vallers	20	48	67	82	94	0
				39	56	71	84	1
				32	49	62	75	2
				28	42	55	67	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
HdD	Hattie clay loam, 9 to 15 percent slopes	Hattie	90	65	89	108	122	0
				49	72	91	107	1
				39	59	76	92	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
HdE	Hattie clay loam, 15 to 40 percent slopes	Hattie	85	65	89	108	122	0
				49	72	91	107	1
				39	59	76	92	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
HkD	Hattie and Kloten soils, 9 to 25 percent slopes	Hattie	45	65	89	108	122	0
				49	72	91	107	1
				39	59	76	92	2
				33	49	66	80	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
HkD	Hattie and Kloten soils, 9 to 25 percent slopes	Kloten	40	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
HmA	Hecla-Hamar loamy fine sands, 0 to 3 percent slopes	Hecla	60	190	250	293	326	0
				97	146	194	231	1
				66	98	131	164	2
				49	74	99	123	3
				40	59	79	99	4
				33	50	66	83	5
				28	43	57	71	6
HmA	Hecla-Hamar loamy fine sands, 0 to 3 percent slopes	Hamar	30	130	173	204	228	0
				79	118	151	179	1
				57	85	113	139	2
				44	66	88	110	3
				36	54	72	90	4
				31	46	61	76	5
				27	40	53	66	6
HsB	Heimdal-Sisseton loams, 2 to 6 percent slopes	Heimdal	55	61	84	101	115	0
				47	68	86	101	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
HsB	Heimdal-Sisseton loams, 2 to 6 percent slopes	Sisseton	20	107	144	171	192	0
				70	105	132	156	1
				52	78	103	125	2
				41	62	82	103	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	64	6
HsC	Heimdal-Sisseton loams, 6 to 9 percent slopes	Heimdal	50	61	84	101	115	0
				47	68	86	101	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
HsC	Heimdal-Sisseton loams, 6 to 9 percent slopes	Sisseton	25	107	144	171	192	0
				70	105	132	156	1
				52	78	103	125	2
				41	62	82	103	3
				34	51	68	85	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				29	44	58	73	5
				25	38	51	64	6
HvA	Heimdal-Svea loams, 0 to 2 percent slopes	Heimdal	75	61	84	101	115	0
				47	68	86	101	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
HvA	Heimdal-Svea loams, 0 to 2 percent slopes	Svea	15	86	116	139	157	0
				60	89	112	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
HvB	Heimdal-Svea loams, 2 to 6 percent slopes	Heimdal	65	61	84	101	115	0
				47	68	86	101	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
HvB	Heimdal-Svea loams, 2 to 6 percent slopes	Svea	25	86	116	139	157	0
				60	89	112	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
La	LaDelle silt loam	LaDelle	90	98	132	157	177	0
				66	99	124	146	1
				49	74	99	119	2
				40	60	79	99	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
Lm	Lamoure silty clay loam	Lamoure	90	127	169	200	224	0
				78	117	149	176	1
				56	84	112	138	2
				44	66	87	109	3
				36	54	72	90	4
				30	46	61	76	5
				26	40	53	66	6
Lp	La Prairie loam	La Prairie	90	63	88	106	120	0
				48	70	90	105	1
				39	58	75	91	2
				32	49	65	79	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
Lt	Lamoure silty clay loam, channeled	Lamoure	85	127	169	200	224	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				78	117	149	176	1
				56	84	112	138	2
				44	66	87	109	3
				36	54	72	90	4
				30	46	61	76	5
				26	40	53	66	6
Lu	Ludden clay	Ludden	90	69	95	115	130	0
				51	75	96	113	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
MaB	Maddock loamy fine sand, 0 to 6 percent slopes	Maddock	90	275	358	418	463	0
				116	174	232	286	1
				73	110	147	183	2
				54	80	107	134	3
				42	63	85	106	4
				35	52	70	87	5
				30	45	59	74	6
MaD	Maddock loamy fine sand, 6 to 25 percent slopes	Maddock	85	275	358	418	463	0
				116	174	232	286	1
				73	110	147	183	2
				54	80	107	134	3
				42	63	85	106	4
				35	52	70	87	5
				30	45	59	74	6
Mr	Southam silty clay loam	Southam	90	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
Mw	Marysland silt loam, wet	Marysland	85	340	441	513	568	0
				126	189	252	315	1
				77	116	155	193	2
				56	84	111	139	3
				44	65	87	109	4
				36	54	72	89	5
				30	46	61	76	6
Pa	Parnell silty clay loam	Parnell	85	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
PeA	Peever clay loam, 0 to 2 percent slopes	Peever	85	43	61	74	85	0
				35	52	65	77	1
				30	45	58	69	2
				26	39	51	63	3
				23	35	46	56	4
				21	31	41	51	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				19	28	38	47	6
PeB	Peever clay loam, 2 to 6 percent slopes	Peever	85	43	61	74	85	0
				35	52	65	77	1
				30	45	58	69	2
				26	39	51	63	3
				23	35	46	56	4
				21	31	41	51	5
				19	28	38	47	6
PeC	Peever clay loam, 6 to 9 percent slopes	Peever	80	43	61	74	85	0
				35	52	65	77	1
				30	45	58	69	2
				26	39	51	63	3
				23	35	46	56	4
				21	31	41	51	5
				19	28	38	47	6
PhA	Peever-Cavour complex, 0 to 3 percent slopes	Peever	70	43	61	74	85	0
				35	52	65	77	1
				30	45	58	69	2
				26	39	51	63	3
				23	35	46	56	4
				21	31	41	51	5
				19	28	38	47	6
PhA	Peever-Cavour complex, 0 to 3 percent slopes	Cavour	25	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
Pk	Peever-Tonka complex	Peever	60	43	61	74	85	0
				35	52	65	77	1
				30	45	58	69	2
				26	39	51	63	3
				23	35	46	56	4
				21	31	41	51	5
				19	28	38	47	6
Pk	Peever-Tonka complex	Tonka	30	72	98	118	134	0
				53	78	98	115	1
				42	63	82	99	2
				35	52	69	84	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
Pm	Playmoor silty clay loam	Playmoor	85	97	130	155	175	0
				65	98	123	144	1
				49	74	98	118	2
				40	59	79	98	3
				33	49	66	82	4
				28	42	57	71	5
				25	37	50	62	6
PoA	Poinsett silt loam, 0 to 2 percent slopes	Poinsett	90	112	150	179	200	0
				72	108	136	161	1
				53	79	106	128	2
				42	63	84	104	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				35	52	69	86	4
				29	44	59	74	5
				26	39	51	64	6
PoB	Poinsett silt loam, 2 to 6 percent slopes	Poinsett	90	112	150	179	200	0
				72	108	136	161	1
				53	79	106	128	2
				42	63	84	104	3
				35	52	69	86	4
				29	44	59	74	5
				26	39	51	64	6
Ra	Rauville mucky silt loam	Rauville	90	190	250	293	326	0
				97	146	194	231	1
				66	98	131	164	2
				49	74	99	123	3
				40	59	79	99	4
				33	50	66	83	5
				28	43	57	71	6
ReA	Renshaw loam, 0 to 3 percent slopes	Renshaw	85	243	318	371	412	0
				110	165	219	267	1
				71	106	142	177	2
				52	78	105	131	3
				41	62	83	104	4
				34	52	69	86	5
				29	44	59	73	6
ReB	Renshaw loam, 3 to 9 percent slopes	Renshaw	85	243	318	371	412	0
				110	165	219	267	1
				71	106	142	177	2
				52	78	105	131	3
				41	62	83	104	4
				34	52	69	86	5
				29	44	59	73	6
RhB	Renshaw-Sioux loams, 3 to 9 percent slopes	Renshaw	70	243	318	371	412	0
				110	165	219	267	1
				71	106	142	177	2
				52	78	105	131	3
				41	62	83	104	4
				34	52	69	86	5
				29	44	59	73	6
RhB	Renshaw-Sioux loams, 3 to 9 percent slopes	Sioux	20	422	546	634	700	0
				136	204	271	339	1
				81	121	162	202	2
				58	86	115	144	3
				45	67	89	112	4
				37	55	73	91	5
				31	46	62	77	6
RhD	Renshaw-Sioux loams, 9 to 21 percent slopes	Renshaw	50	243	318	371	412	0
				110	165	219	267	1
				71	106	142	177	2
				52	78	105	131	3
				41	62	83	104	4
				34	52	69	86	5
				29	44	59	73	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
RhD	Renshaw-Sioux loams, 9 to 21 percent slopes	Sioux	40	422	546	634	700	0
				136	204	271	339	1
				81	121	162	202	2
				58	86	115	144	3
				45	67	89	112	4
				37	55	73	91	5
				31	46	62	77	6
RsE	Renshaw-Sioux stony loams, 9 to 40 percent slopes	Renshaw	50	243	318	371	412	0
				110	165	219	267	1
				71	106	142	177	2
				52	78	105	131	3
				41	62	83	104	4
				34	52	69	86	5
				29	44	59	73	6
RsE	Renshaw-Sioux stony loams, 9 to 40 percent slopes	Sioux	35	422	546	634	700	0
				136	204	271	339	1
				81	121	162	202	2
				58	86	115	144	3
				45	67	89	112	4
				37	55	73	91	5
				31	46	62	77	6
RtA	Rentill loam, 0 to 2 percent slopes	Rentill	85	88	119	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
RtB	Rentill loam, 2 to 6 percent slopes	Rentill	85	88	119	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
Sb	Minnewaukan loamy sand	Minnewaukan	90	124	165	196	219	0
				77	115	146	173	1
				55	83	111	136	2
				43	65	87	108	3
				36	53	71	89	4
				30	45	60	76	5
				26	39	53	66	6
ScF	Sieche loam, 15 to 40 percent slopes	Sieche	80	54	75	91	103	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
SnA	Sinai silty clay, 0 to 2 percent slopes	Sinai	90	53	75	91	103	0
				42	61	78	92	1
				35	52	67	81	2
				30	44	58	72	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
SnB	Sinai silty clay, 2 to 6 percent slopes	Sinai	90	53	75	91	103	0
				42	61	78	92	1
				35	52	67	81	2
				30	44	58	72	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
SsF	Sisseton loam, 25 to 40 percent slopes	Sisseton	70	107	144	171	192	0
				70	105	132	156	1
				52	78	103	125	2
				41	62	82	103	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	64	6
StD	Sisseton-Heimdal loams, 9 to 25 percent slopes	Sisseton	45	107	144	171	192	0
				70	105	132	156	1
				52	78	103	125	2
				41	62	82	103	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	64	6
StD	Sisseton-Heimdal loams, 9 to 25 percent slopes	Heimdal	30	61	84	101	115	0
				47	68	86	101	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
SvC	Svea loam, 5 to 9 percent slopes	Svea	90	86	116	139	157	0
				60	89	112	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
SwA	Sverdrup sandy loam, 0 to 3 percent slopes	Sverdrup	85	317	412	480	531	0
				123	184	245	307	1
				76	114	152	190	2
				55	83	110	138	3
				43	65	86	108	4
				36	53	71	89	5
				30	45	60	75	6
SwB	Sverdrup sandy loam, 3 to 9 percent slopes	Sverdrup	85	317	412	480	531	0
				123	184	245	307	1
				76	114	152	190	2
				55	83	110	138	3
				43	65	86	108	4
				36	53	71	89	5
				30	45	60	75	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Tk	Tonka silt loam	Tonka	85	72	98	118	134	0
				53	78	98	115	1
				42	63	82	99	2
				35	52	69	84	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
To	Towner fine sandy loam	Towner	85	82	112	134	151	0
				58	86	109	128	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6
Un	Ulen sandy loam	Ulen	90	301	391	456	505	0
				120	180	240	300	1
				75	113	150	188	2
				55	82	109	136	3
				43	64	86	107	4
				35	53	71	88	5
				30	45	60	75	6
VhA	Vallers-Hamerly loams, 0 to 2 percent slopes	Vallers	60	48	67	82	94	0
				39	56	71	84	1
				32	49	62	75	2
				28	42	55	67	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
VhA	Vallers-Hamerly loams, 0 to 2 percent slopes	Hamerly	30	57	80	97	110	0
				44	65	83	97	1
				36	54	71	85	2
				31	46	61	75	3
				27	40	53	66	4
				24	35	47	59	5
				21	32	42	53	6
VnA	Vienna silt loam, 0 to 2 percent slopes	Vienna	85	70	97	116	131	0
				52	76	97	113	1
				41	62	81	98	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
VnB	Vienna silt loam, 2 to 6 percent slopes	Vienna	80	70	97	116	131	0
				52	76	97	113	1
				41	62	81	98	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
VnC	Vienna silt loam, 6 to 9 percent slopes	Vienna	80	70	97	116	131	0
				52	76	97	113	1
				41	62	81	98	2
				34	51	68	83	3
				29	44	58	73	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				25	38	51	64	5
				23	34	45	56	6
Wa	Waubay silty clay loam	Waubay	90	64	89	107	121	0
				48	71	91	106	1
				39	59	76	92	2
				33	49	65	79	3
				28	42	56	70	4
				25	37	49	62	5
				22	33	44	55	6
ZeD	Zell-Eckman complex, 9 to 25 percent slopes	Zell	60	199	261	307	341	0
				100	150	199	238	1
				67	100	133	166	2
				50	75	100	125	3
				40	60	80	100	4
				33	50	67	83	5
				29	43	57	71	6
ZeD	Zell-Eckman complex, 9 to 25 percent slopes	Eckman	25	113	152	180	202	0
				72	108	137	163	1
				53	80	106	129	2
				42	63	84	105	3
				35	52	69	87	4
				30	44	59	74	5
				26	39	51	64	6

South Dakota Lateral Effect Tables for Sanborn County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
AaA	Alwilda fine sandy loam, 0 to 2 percent slopes	Alwilda	90	299	389	453	502	0
				120	180	240	299	1
				75	112	150	187	2
				55	82	109	136	3
				43	64	86	107	4
				35	53	71	88	5
				30	45	60	75	6
AaB	Alwilda fine sandy loam, 2 to 6 percent slopes	Alwilda	95	299	389	453	502	0
				120	180	240	299	1
				75	112	150	187	2
				55	82	109	136	3
				43	64	86	107	4
				35	53	71	88	5
				30	45	60	75	6
Ab	Artesian-Farmsworth complex	Artesian	55	70	96	115	130	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
Ab	Artesian-Farmsworth complex	Farmsworth	35	84	114	136	153	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
BaE	Betts loam, 15 to 40 percent slopes	Betts	85	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
BbD	Betts-Ethan loams, 9 to 15 percent slopes	Betts	45	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
BbD	Betts-Ethan loams, 9 to 15 percent slopes	Ethan	35	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
BcA	Blendon fine sandy loam, 0 to 2 percent slopes	Blendon	85	197	258	303	337	0
				99	149	198	236	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				66	99	133	166	2
				50	75	100	125	3
				40	60	80	100	4
				33	50	66	83	5
				29	43	57	71	6
BcB	Blendon fine sandy loam, 2 to 6 percent slopes	Blendon	90	197	258	303	337	0
				99	149	198	236	1
				66	99	133	166	2
				50	75	100	125	3
				40	60	80	100	4
				33	50	66	83	5
				29	43	57	71	6
Bd	Bon loam, channeled	Bon	98	91	124	148	166	0
				63	93	118	139	1
				48	71	95	114	2
				38	58	77	95	3
				32	48	65	81	4
				28	42	56	69	5
				24	37	49	61	6
CaA	Carthage fine sandy loam, 0 to 2 percent slopes	Carthage	85	90	121	145	163	0
				62	92	116	136	1
				47	71	94	113	2
				38	57	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	36	49	61	6
CaB	Carthage fine sandy loam, 2 to 6 percent slopes	Carthage	90	90	121	145	163	0
				62	92	116	136	1
				47	71	94	113	2
				38	57	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	36	49	61	6
CbA	Carthage-Clarno fine sandy loams, 0 to 2 percent slopes	Carthage	50	90	121	145	163	0
				62	92	116	136	1
				47	71	94	113	2
				38	57	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	36	49	61	6
CbA	Carthage-Clarno fine sandy loams, 0 to 2 percent slopes	Clarno	35	50	70	86	98	0
				40	58	74	88	1
				33	50	64	77	2
				29	43	56	69	3
				25	38	50	61	4
				22	33	44	55	5
				20	30	40	50	6
CcB	Carthage-Hand fine sandy loams, 2 to 6 percent slopes	Carthage	50	90	121	145	163	0
				62	92	116	136	1
				47	71	94	113	2
				38	57	77	95	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				32	48	64	80	4
				28	42	55	69	5
				24	36	49	61	6
CcB	Carthage-Hand fine sandy loams, 2 to 6 percent slopes	Hand	30	69	94	113	128	0
				51	75	95	111	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
Cd	Clamo loam	Clamo	85	84	114	137	154	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
Ce	Clamo silty clay	Clamo	90	73	100	120	136	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
Cf	Clamo silty clay, frequently flooded	Clamo	100	74	101	121	137	0
				54	80	101	118	1
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	34	46	57	6
CgA	Clarno loam, 0 to 2 percent slopes	Clarno	90	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
ChB	Clarno-Bonilla loams, 2 to 6 percent slopes	Clarno	45	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
ChB	Clarno-Bonilla loams, 2 to 6 percent slopes	Bonilla	30	87	118	141	159	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
CkB	Clarno-Dudley complex, 2 to 6 percent slopes	Clarno	45	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
CkB	Clarno-Dudley complex, 2 to 6 percent slopes	Dudley	25	68	93	112	127	0
				51	74	94	110	1
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
CmB	Clarno-Ethan loams, 2 to 6 percent slopes	Clarno	55	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
CmB	Clarno-Ethan loams, 2 to 6 percent slopes	Ethan	30	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
CoA	Clarno-Prosper loams, 0 to 2 percent slopes	Clarno	50	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
CoA	Clarno-Prosper loams, 0 to 2 percent slopes	Prosper	30	63	87	106	120	0
				48	70	89	105	1
				39	58	75	91	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
DaB	Davis loam, 2 to 6 percent slopes	Davis	90	83	113	136	153	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
Db	Davison loam	Davison	85	83	113	135	153	0
				59	87	110	129	1
				45	68	89	108	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
Dc	Davison variant silt loam	Davison	85	192	252	296	329	0
				98	147	195	233	1
				66	99	132	164	2
				49	74	99	124	3
				40	60	79	99	4
				33	50	66	83	5
				28	43	57	71	6
DdA	Delmont loam, 0 to 2 percent slopes	Delmont	85	505	650	754	832	0
				143	215	287	358	1
				83	125	167	209	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
DeA	Doger loamy fine sand, 0 to 2 percent slopes	Doger	85	223	292	341	379	0
				105	158	211	254	1
				69	104	138	173	2
				51	77	103	128	3
				41	61	82	102	4
				34	51	68	85	5
				29	43	58	72	6
DeB	Doger loamy fine sand, 2 to 6 percent slopes	Doger	85	223	292	341	379	0
				105	158	211	254	1
				69	104	138	173	2
				51	77	103	128	3
				41	61	82	102	4
				34	51	68	85	5
				29	43	58	72	6
DfA	Dudley-Jerauld-Clarno complex, 0 to 2 percent slopes	Dudley	30	68	93	112	127	0
				51	74	94	110	1
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
DfA	Dudley-Jerauld-Clarno complex, 0 to 2 percent slopes	Jerauld	30	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
DfA	Dudley-Jerauld-Clarno complex, 0 to 2 percent slopes	Clarno	20	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				24	36	47	59	5
				21	32	42	53	6
Dh	Durrstein silt loam	Durrstein	85	47	66	81	92	0
				38	55	70	83	1
				32	48	62	74	2
				28	41	54	66	3
				24	36	48	59	4
				22	32	43	53	5
				20	29	39	49	6
Dk	Durrstein-Farmsworth complex	Durrstein	50	47	66	81	92	0
				38	55	70	83	1
				32	48	62	74	2
				28	41	54	66	3
				24	36	48	59	4
				22	32	43	53	5
				20	29	39	49	6
Dk	Durrstein-Farmsworth complex	Farmsworth	30	84	114	136	153	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
Ea	Elsmere loamy fine sand, loamy substratum	Elsmere	85	95	128	152	171	0
				64	96	121	142	1
				49	73	97	117	2
				39	59	78	97	3
				33	49	66	82	4
				28	42	56	70	5
				25	37	49	62	6
Eb	Elsmere-Orwet complex	Elsmere	55	95	128	152	171	0
				64	96	121	142	1
				49	73	97	117	2
				39	59	78	97	3
				33	49	66	82	4
				28	42	56	70	5
				25	37	49	62	6
Eb	Elsmere-Orwet complex	Orwet	25	263	343	400	444	0
				114	170	227	279	1
				72	109	145	181	2
				53	80	106	133	3
				42	63	84	105	4
				35	52	69	87	5
				30	44	59	74	6
EcA	Enet loam, 0 to 2 percent slopes	Enet	85	513	661	766	846	0
				144	216	288	360	1
				84	126	167	209	2
				59	88	118	147	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
EdB	Enet-Delmont loams, 2 to 6 percent slopes	Enet	55	202	265	311	346	0
				100	151	201	240	1
				67	100	134	167	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				50	75	100	125	3
				40	60	80	100	4
				33	50	67	83	5
				29	43	57	72	6
EdB	Enet-Delmont loams, 2 to 6 percent slopes	Delmont	30	505	650	754	832	0
				143	215	287	358	1
				83	125	167	209	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
EeC	Ethan-Clarno loams, 6 to 9 percent slopes	Ethan	45	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
EeC	Ethan-Clarno loams, 6 to 9 percent slopes	Clarno	35	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
Fa	Fedora fine sandy loam	Fedora	75	133	177	209	234	0
				80	120	153	183	1
				57	86	114	141	2
				44	67	89	111	3
				36	55	73	91	4
				31	46	62	77	5
				27	40	53	67	6
FbA	Forestburg loamy fine sand, 0 to 2 percent slopes	Forestburg	85	99	134	159	179	0
				66	99	125	147	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
FcB	Forestburg-Ethan loamy fine sands, 2 to 6 percent slopes	Forestburg	60	99	134	159	179	0
				66	99	125	147	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
FcB	Forestburg-Ethan loamy fine sands, 2 to 6 percent slopes	Ethan	20	52	73	88	101	0
				41	60	77	89	1
				34	51	66	79	2
				29	44	58	71	3
				25	38	51	63	4
				23	34	45	56	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				20	30	41	51	6
FcC	Forestburg-Ethan loamy fine sands, 6 to 9 percent slopes	Forestburg	50	99	134	159	179	0
				66	99	125	147	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
FcC	Forestburg-Ethan loamy fine sands, 6 to 9 percent slopes	Ethan	35	52	73	88	101	0
				41	60	77	89	1
				34	51	66	79	2
				29	44	58	71	3
				25	38	51	63	4
				23	34	45	56	5
				20	30	41	51	6
HaA	Hand-Bonilla loams, 0 to 2 percent slopes	Hand	45	87	118	141	159	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
HaA	Hand-Bonilla loams, 0 to 2 percent slopes	Bonilla	30	87	118	141	159	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
HbB	Hand-Ethan loams, 2 to 6 percent slopes	Hand	50	87	118	141	159	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
HbB	Hand-Ethan loams, 2 to 6 percent slopes	Ethan	25	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
HcB	Houdek-Dudley complex, 2 to 6 percent slopes	Houdek	45	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
HcB	Houdek-Dudley complex, 2 to 6 percent slopes	Dudley	25	68	93	112	127	0
				51	74	94	110	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
HdB	Houdek-Ethan loams, 2 to 6 percent slopes	Houdek	55	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
HdB	Houdek-Ethan loams, 2 to 6 percent slopes	Ethan	25	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
HeA	Houdek-Prosper loams, 0 to 2 percent slopes	Houdek	55	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
HeA	Houdek-Prosper loams, 0 to 2 percent slopes	Prosper	25	63	87	106	120	0
				48	70	89	105	1
				39	58	75	91	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
HeB	Houdek-Prosper loams, 2 to 6 percent slopes	Houdek	50	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
HeB	Houdek-Prosper loams, 2 to 6 percent slopes	Prosper	25	66	91	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
HfA	Houdek-Stickney loams, 0 to 2 percent slopes	Houdek	50	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
HfA	Houdek-Stickney loams, 0 to 2 percent slopes	Stickney	25	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
Hk	Hoven silt loam	Hoven	90	73	100	121	136	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
HmA	Hoven-Durrstein silt loams, 0 to 2 percent slopes	Hoven	50	73	100	121	136	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
HmA	Hoven-Durrstein silt loams, 0 to 2 percent slopes	Durrstein	40	47	66	81	92	0
				38	55	70	83	1
				32	48	62	74	2
				28	41	54	66	3
				24	36	48	59	4
				22	32	43	53	5
				20	29	39	49	6
Ia	Ipage-Els loamy fine sands	Ipage	50	282	367	429	475	0
				117	176	234	290	1
				74	111	148	185	2
				54	81	108	135	3
				42	64	85	106	4
				35	53	70	88	5
				30	45	60	75	6
Ia	Ipage-Els loamy fine sands	Els	30	298	387	451	500	0
				120	180	239	299	1
				75	112	150	187	2
				54	82	109	136	3
				43	64	86	107	4
				35	53	71	88	5
				30	45	60	75	6
Ja	James silty clay	James	90	55	77	94	107	0
				43	63	80	95	1
				35	53	69	83	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
La	Lamo silty clay loam	Lamo	90	65	89	108	122	0
				49	72	91	107	1
				39	59	76	92	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
Lb	Lute fine sandy loam	Lute	85	120	161	190	213	0
				75	113	143	170	1
				55	82	109	134	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
Lc	Lute fine sandy loam, ponded	Lute	90	120	161	190	213	0
				75	113	143	170	1
				55	82	109	134	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
LdA	Lute-Whitelake fine sandy loams, 0 to 2 percent slopes	Lute	55	120	161	190	213	0
				75	113	143	170	1
				55	82	109	134	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
LdA	Lute-Whitelake fine sandy loams, 0 to 2 percent slopes	Whitelake	30	102	137	163	183	0
				68	101	127	150	1
				50	76	101	122	2
				40	60	81	101	3
				34	50	67	84	4
				29	43	57	72	5
				25	38	50	63	6
Oa	Orwet fine sandy loam	Orwet	85	263	343	400	444	0
				114	170	227	279	1
				72	109	145	181	2
				53	80	106	133	3
				42	63	84	105	4
				35	52	69	87	5
				30	44	59	74	6
Sa	Shue-Davison loamy fine sands	Shue	60	96	130	154	174	0
				65	97	122	144	1
				49	73	98	118	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
Sa	Shue-Davison loamy fine sands	Davison	20	60	83	101	115	0
				46	67	86	101	1
				38	56	73	88	2
				32	47	63	76	3
				27	41	55	67	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				24	36	48	60	5
				21	32	43	54	6
Sb	Shue variant loamy fine sand	Shue	90	102	137	163	183	0
				68	101	127	150	1
				50	76	101	122	2
				40	60	81	101	3
				34	50	67	84	4
				29	43	57	72	5
				25	38	50	63	6
Ta	Tetonka loamy fine sand, overblown	Tetonka	100	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
Tb	Tetonka silt loam	Tetonka	90	91	123	146	165	0
				63	93	117	137	1
				48	71	95	114	2
				38	58	77	95	3
				32	48	65	81	4
				28	42	56	69	5
				24	37	49	61	6
TcA	Tetonka-Davison-Clarno complex, 0 to 2 percent slopes	Tetonka	35	91	123	146	165	0
				63	93	117	137	1
				48	71	95	114	2
				38	58	77	95	3
				32	48	65	81	4
				28	42	56	69	5
				24	37	49	61	6
TcA	Tetonka-Davison-Clarno complex, 0 to 2 percent slopes	Davison	30	87	118	141	159	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
TcA	Tetonka-Davison-Clarno complex, 0 to 2 percent slopes	Clarno	25	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
Td	Tetonka variant fine sandy loam	Tetonka	90	214	281	329	365	0
				103	155	207	249	1
				68	102	136	170	2
				51	76	102	127	3
				41	61	81	101	4
				34	51	67	84	5
				29	43	58	72	6
VaC	Valentine fine sand, 3 to 15 percent slopes	Valentine	85	272	354	413	458	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				115	173	231	285	1
				73	110	146	183	2
				54	80	107	134	3
				42	63	84	106	4
				35	52	70	87	5
				30	45	59	74	6
Wa	Wann fine sandy loam	Wann	85	80	109	130	147	0
				57	84	107	125	1
				44	67	87	106	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
Wb	Wann-Lamo complex	Wann	50	104	140	166	186	0
				68	103	129	152	1
				51	76	102	123	2
				41	61	81	102	3
				34	51	68	84	4
				29	43	58	72	5
				25	38	50	63	6
Wb	Wann-Lamo complex	Lamo	40	65	89	108	122	0
				49	72	91	107	1
				39	59	76	92	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
WcB	Whitelake-Woonsocket fine sandy loams, 2 to 6 percent slopes	Whitelake	45	102	137	163	183	0
				68	101	127	150	1
				50	76	101	122	2
				40	60	81	101	3
				34	50	67	84	4
				29	43	57	72	5
				25	38	50	63	6
WcB	Whitelake-Woonsocket fine sandy loams, 2 to 6 percent slopes	Woonsocket	35	238	311	363	403	0
				109	163	217	264	1
				70	106	141	176	2
				52	78	104	130	3
				41	62	83	103	4
				34	51	68	86	5
				29	44	58	73	6
Wd	Woonsocket fine sandy loam	Woonsocket	85	238	311	363	403	0
				109	163	217	264	1
				70	106	141	176	2
				52	78	104	130	3
				41	62	83	103	4
				34	51	68	86	5
				29	44	58	73	6
We	Worthing silt loam	Worthing	95	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				23	35	46	58	6
Wk	Worthing silt loam, ponded	Worthing	95	80	109	130	147	0
				57	84	107	125	1
				44	67	87	106	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6

South Dakota Lateral Effect Tables for Spink County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Aa	Aastad loam, 0 to 2 percent slopes	Aastad	85	41	59	72	82	0
				34	50	64	75	1
				29	43	57	67	2
				25	38	50	61	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6
Ab	Aastad-Hamerly loams, 0 to 2 percent slopes	Aastad	50	41	59	72	82	0
				34	50	64	75	1
				29	43	57	67	2
				25	38	50	61	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6
Ab	Aastad-Hamerly loams, 0 to 2 percent slopes	Hamerly	35	60	83	100	113	0
				46	67	85	100	1
				38	56	73	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
Ad	Aastad-Tonka complex, 0 to 2 percent slopes	Aastad	60	41	59	72	82	0
				34	50	64	75	1
				29	43	57	67	2
				25	38	50	61	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6
Ad	Aastad-Tonka complex, 0 to 2 percent slopes	Tonka	30	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
Ae	Aberdeen-Nahon silt loams, till substratum, 0 to 2 percent slopes	Aberdeen	55	91	124	147	166	0
				63	93	118	138	1
				48	71	95	114	2
				38	58	77	95	3
				32	48	65	81	4
				28	42	56	69	5
				24	37	49	61	6
Ae	Aberdeen-Nahon silt loams, till substratum, 0 to 2 percent slopes	Nahon	35	73	100	121	136	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				23	34	46	57	6
Ah	Aberdeen-Nahon silty clay loams, 0 to 2 percent slopes	Aberdeen	55	111	149	177	198	0
				71	107	136	160	1
				53	79	105	128	2
				42	62	83	104	3
				34	52	69	86	4
				29	44	59	74	5
				26	38	51	64	6
Ah	Aberdeen-Nahon silty clay loams, 0 to 2 percent slopes	Nahon	35	73	100	121	136	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
An	Aberdeen-Nahon-Heil silt loams, 0 to 2 percent slopes	Aberdeen	45	121	161	191	214	0
				75	113	144	170	1
				55	82	110	134	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
An	Aberdeen-Nahon-Heil silt loams, 0 to 2 percent slopes	Nahon	25	73	100	121	136	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
An	Aberdeen-Nahon-Heil silt loams, 0 to 2 percent slopes	Heil	20	52	72	88	100	0
				41	60	76	89	1
				34	51	66	79	2
				29	44	58	70	3
				25	38	51	62	4
				23	34	45	56	5
				20	30	41	51	6
Ao	Aberdeen-Nahon-Heil silt loams, till substratum, 0 to 2 percent slopes	Aberdeen	45	91	124	147	166	0
				63	93	118	138	1
				48	71	95	114	2
				38	58	77	95	3
				32	48	65	81	4
				28	42	56	69	5
				24	37	49	61	6
Ao	Aberdeen-Nahon-Heil silt loams, till substratum, 0 to 2 percent slopes	Nahon	25	73	100	121	136	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Ao	Aberdeen-Nahon-Heil silt loams, till substratum, 0 to 2 percent slopes	Heil	20	54	75	91	103	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
BaC	Beadle loam, 6 to 9 percent slopes	Beadle	80	52	73	89	101	0
				41	60	77	90	1
				34	51	66	80	2
				29	44	58	71	3
				25	38	51	63	4
				23	34	45	56	5
				20	30	41	51	6
BdA	Beadle-Dudley complex, 0 to 2 percent slopes	Beadle	50	52	73	89	101	0
				41	60	77	90	1
				34	51	66	80	2
				29	44	58	71	3
				25	38	51	63	4
				23	34	45	56	5
				20	30	41	51	6
BdA	Beadle-Dudley complex, 0 to 2 percent slopes	Dudley	35	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
BeA	Beadle-Stickney complex, 0 to 2 percent slopes	Beadle	60	52	73	89	101	0
				41	60	77	90	1
				34	51	66	80	2
				29	44	58	71	3
				25	38	51	63	4
				23	34	45	56	5
				20	30	41	51	6
BeA	Beadle-Stickney complex, 0 to 2 percent slopes	Stickney	30	67	93	112	126	0
				50	74	94	110	1
				40	60	78	95	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
BeB	Beadle-Stickney complex, 1 to 6 percent slopes	Beadle	60	52	73	89	101	0
				41	60	77	90	1
				34	51	66	80	2
				29	44	58	71	3
				25	38	51	63	4
				23	34	45	56	5
				20	30	41	51	6
BeB	Beadle-Stickney complex, 1 to 6 percent slopes	Stickney	30	67	93	112	126	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				50	74	94	110	1
				40	60	78	95	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
BfA	Beadle-Stickney complex, 0 to 2 percent slopes, very stony	Beadle	60	52	73	89	101	0
				41	60	77	90	1
				34	51	66	80	2
				29	44	58	71	3
				25	38	51	63	4
				23	34	45	56	5
				20	30	41	51	6
BfA	Beadle-Stickney complex, 0 to 2 percent slopes, very stony	Stickney	30	67	93	112	126	0
				50	74	94	110	1
				40	60	78	95	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
BfB	Beadle-Stickney complex, 1 to 6 percent slopes, very stony	Beadle	60	52	73	89	101	0
				41	60	77	90	1
				34	51	66	80	2
				29	44	58	71	3
				25	38	51	63	4
				23	34	45	56	5
				20	30	41	51	6
BfB	Beadle-Stickney complex, 1 to 6 percent slopes, very stony	Stickney	30	67	93	112	126	0
				50	74	94	110	1
				40	60	78	95	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
Bg	Bearden silt loam, 0 to 2 percent slopes	Bearden	85	91	123	147	165	0
				63	93	117	138	1
				48	71	95	114	2
				38	58	77	95	3
				32	48	65	81	4
				28	42	56	69	5
				24	37	49	61	6
Bk	Bearden-Tonka silt loams, 0 to 2 percent slopes	Bearden	60	91	123	147	165	0
				63	93	117	138	1
				48	71	95	114	2
				38	58	77	95	3
				32	48	65	81	4
				28	42	56	69	5
				24	37	49	61	6
Bk	Bearden-Tonka silt loams, 0 to 2 percent slopes	Tonka	30	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
Bo	Beotia silt loam, 0 to 2 percent slopes	Beotia	90	124	166	196	220	0
				77	115	146	174	1
				55	83	111	136	2
				43	65	87	108	3
				36	53	71	89	4
				30	45	60	76	5
				26	39	53	66	6
Br	Beotia-Rondell silt loams, 0 to 3 percent slopes	Beotia	50	124	166	196	220	0
				77	115	146	174	1
				55	83	111	136	2
				43	65	87	108	3
				36	53	71	89	4
				30	45	60	76	5
				26	39	53	66	6
Br	Beotia-Rondell silt loams, 0 to 3 percent slopes	Rondell	35	131	175	206	231	0
				79	119	152	181	1
				57	85	113	140	2
				44	66	88	110	3
				36	54	72	90	4
				31	46	61	77	5
				27	40	53	66	6
Bs	Beotia-Winship silt loams, 0 to 2 percent slopes	Beotia	60	124	166	196	220	0
				77	115	146	174	1
				55	83	111	136	2
				43	65	87	108	3
				36	53	71	89	4
				30	45	60	76	5
				26	39	53	66	6
Bs	Beotia-Winship silt loams, 0 to 2 percent slopes	Winship	30	131	175	207	231	0
				79	119	152	181	1
				57	85	113	140	2
				44	66	88	110	3
				36	54	72	90	4
				31	46	61	77	5
				27	40	53	66	6
Bt	Beotia-Winship silt loams, till substratum, 0 to 2 percent slopes	Beotia	60	99	133	158	178	0
				66	99	125	146	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
Bt	Beotia-Winship silt loams, till substratum, 0 to 2 percent slopes	Winship	30	104	140	166	187	0
				68	103	129	152	1
				51	76	102	123	2
				41	61	81	102	3
				34	51	68	84	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				29	43	58	72	5
				25	38	50	63	6
Bu	Bon loam, 0 to 2 percent slopes	Bon	90	104	140	166	186	0
				68	103	129	152	1
				51	76	102	123	2
				41	61	81	102	3
				34	51	68	84	4
				29	43	58	72	5
				25	38	50	63	6
Bw	Bon loam, channeled	Bon	85	104	140	166	186	0
				68	103	129	152	1
				51	76	102	123	2
				41	61	81	102	3
				34	51	68	84	4
				29	43	58	72	5
				25	38	50	63	6
BxD	Buse-Barnes loams, 9 to 20 percent slopes	Buse	55	39	56	68	79	0
				33	48	61	71	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6
BxD	Buse-Barnes loams, 9 to 20 percent slopes	Barnes	35	61	85	102	116	0
				47	69	87	102	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
ByE	Buse-Barnes loams, 9 to 40 percent slopes, very stony	Buse	50	39	55	68	78	0
				33	47	60	71	1
				28	42	54	64	2
				25	37	48	58	3
				22	33	43	53	4
				20	30	39	48	5
				18	27	36	44	6
ByE	Buse-Barnes loams, 9 to 40 percent slopes, very stony	Barnes	35	58	80	97	110	0
				45	66	83	97	1
				37	55	71	85	2
				31	47	61	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
BzE	Buse-Langhei complex, 15 to 40 percent slopes	Buse	50	39	56	68	79	0
				33	48	61	71	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
BzE	Buse-Langhei complex, 15 to 40 percent slopes	Langhei	40	40	57	70	81	0
				33	49	62	73	1
				29	43	55	66	2
				25	38	49	60	3
				22	33	44	54	4
				20	30	40	49	5
				18	27	36	45	6
Ca	Camtown-Turton loams, 0 to 2 percent slopes	Camtown	55	156	206	243	271	0
				88	131	171	204	1
				61	91	122	152	2
				47	70	93	117	3
				38	57	76	95	4
				32	48	64	80	5
				27	41	55	69	6
Ca	Camtown-Turton loams, 0 to 2 percent slopes	Turton	30	150	199	234	262	0
				86	129	166	199	1
				60	90	120	150	2
				46	69	92	115	3
				38	56	75	94	4
				32	47	63	79	5
				27	41	55	68	6
Cf	Cavour-Ferney loams, 0 to 2 percent slopes	Cavour	55	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
Cf	Cavour-Ferney loams, 0 to 2 percent slopes	Ferney	35	49	69	84	96	0
				39	58	73	86	1
				33	49	64	76	2
				28	42	56	68	3
				25	37	49	61	4
				22	33	44	55	5
				20	30	40	50	6
Co	Colvin silty clay loam, saline, 0 to 1 percent slopes	Colvin	85	80	109	130	147	0
				57	84	107	125	1
				44	67	87	106	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
Cr	Cresbard-Cavour loams, 0 to 2 percent slopes	Cresbard	60	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Cr	Cresbard-Cavour loams, 0 to 2 percent slopes	Cavour	30	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
Cs	Cresbard-Cavour-Heil complex, 0 to 2 percent slopes	Cresbard	40	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
Cs	Cresbard-Cavour-Heil complex, 0 to 2 percent slopes	Cavour	30	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
Cs	Cresbard-Cavour-Heil complex, 0 to 2 percent slopes	Heil	20	52	72	88	100	0
				41	60	76	89	1
				34	51	66	79	2
				29	44	58	70	3
				25	38	51	62	4
				23	34	45	56	5
				20	30	41	51	6
Ct	Crossplain-Tetonka complex, 0 to 1 percent slopes	Crossplain	60	60	83	100	114	0
				46	67	85	100	1
				38	56	73	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
Ct	Crossplain-Tetonka complex, 0 to 1 percent slopes	Tetonka	30	93	126	150	169	0
				63	95	120	140	1
				48	72	96	116	2
				39	58	78	96	3
				33	49	65	81	4
				28	42	56	70	5
				25	37	49	61	6
Da	Davis-Northville complex, 0 to 2 percent slopes	Davis	55	94	127	151	170	0
				64	95	120	141	1
				48	73	96	116	2
				39	59	78	97	3
				33	49	65	82	4
				28	42	56	70	5
				25	37	49	62	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Da	Davis-Northville complex, 0 to 2 percent slopes	Northville	35	98	132	157	176	0
				66	99	124	146	1
				49	74	99	119	2
				40	60	79	99	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
Db	Davison loam, 0 to 2 percent slopes	Davison	85	88	119	142	160	0
				61	91	115	134	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
Dd	Davison-Tetonka complex, 0 to 2 percent slopes	Davison	50	88	119	142	160	0
				61	91	115	134	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
Dd	Davison-Tetonka complex, 0 to 2 percent slopes	Tetonka	40	93	126	150	169	0
				63	95	120	140	1
				48	72	96	116	2
				39	58	78	96	3
				33	49	65	81	4
				28	42	56	70	5
				25	37	49	61	6
DeA	Delmont-Enet loams, 0 to 2 percent slopes	Delmont	55	203	267	312	347	0
				101	151	201	241	1
				67	100	134	167	2
				50	75	100	125	3
				40	60	80	100	4
				33	50	67	84	5
				29	43	57	72	6
DeA	Delmont-Enet loams, 0 to 2 percent slopes	Enet	35	221	289	338	376	0
				105	157	210	253	1
				69	103	138	172	2
				51	77	102	128	3
				41	61	82	102	4
				34	51	68	85	5
				29	43	58	72	6
Dk	Dimo loam, 0 to 2 percent slopes	Dimo	85	181	239	281	312	0
				95	143	188	225	1
				64	97	129	161	2
				49	73	97	122	3
				39	59	78	98	4
				33	49	66	82	5
				28	42	56	70	6
Dm	Dimo-Grat loams, 0 to 2 percent slopes	Dimo	55	181	239	281	312	0
				95	143	188	225	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				64	97	129	161	2
				49	73	97	122	3
				39	59	78	98	4
				33	49	66	82	5
				28	42	56	70	6
Dm	Dimo-Grat loams, 0 to 2 percent slopes	Grat	30	128	170	201	225	0
				78	117	149	177	1
				56	84	112	138	2
				44	66	88	110	3
				36	54	72	90	4
				30	46	61	76	5
				26	40	53	66	6
DoA	Doland-Embden complex, 0 to 3 percent slopes	Doland	50	52	72	88	100	0
				41	60	76	89	1
				34	51	66	79	2
				29	44	58	70	3
				25	38	51	62	4
				23	34	45	56	5
				20	30	41	51	6
DoA	Doland-Embden complex, 0 to 3 percent slopes	Embden	30	162	214	252	281	0
				90	134	175	209	1
				62	93	124	155	2
				47	71	94	118	3
				38	57	76	96	4
				32	48	64	80	5
				28	41	55	69	6
Dq	Dovecreek silt loam, 0 to 2 percent slopes	Dovecreek	90	106	142	169	189	0
				69	104	131	154	1
				51	77	103	124	2
				41	61	82	102	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	63	6
Dr	Dovray silty clay, 0 to 1 percent slopes	Dovray	90	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
Du	Dudley-Jerauld silt loams, 0 to 2 percent slopes	Dudley	55	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
Du	Dudley-Jerauld silt loams, 0 to 2 percent slopes	Jerauld	35	73	99	120	135	0
				53	79	99	117	1
				42	63	82	99	2
				35	52	70	85	3
				30	45	59	74	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				26	39	52	65	5
				23	34	46	57	6
Dx	Durrstein silt loam, 0 to 1 percent slopes	Durrstein	85	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
Ea	Eckman very fine sandy loam, 0 to 2 percent slopes	Eckman	85	106	143	170	191	0
				69	104	131	155	1
				51	77	103	125	2
				41	61	82	102	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	63	6
EcA	Eckman-Gardena very fine sandy loams, 0 to 2 percent slopes	Eckman	50	106	143	170	191	0
				69	104	131	155	1
				51	77	103	125	2
				41	61	82	102	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	63	6
EcA	Eckman-Gardena very fine sandy loams, 0 to 2 percent slopes	Gardena	40	108	145	172	193	0
				70	105	133	157	1
				52	78	104	126	2
				41	62	82	103	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	64	6
EcB	Eckman-Gardena very fine sandy loams, 2 to 6 percent slopes	Eckman	60	106	143	170	191	0
				69	104	131	155	1
				51	77	103	125	2
				41	61	82	102	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	63	6
EcB	Eckman-Gardena very fine sandy loams, 2 to 6 percent slopes	Gardena	30	108	145	172	193	0
				70	105	133	157	1
				52	78	104	126	2
				41	62	82	103	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	64	6
EdB	Eckman-Zell very fine sandy loams, 2 to 6 percent slopes	Eckman	60	106	143	170	191	0
				69	104	131	155	1
				51	77	103	125	2
				41	61	82	102	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	63	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
EdB	Eckman-Zell very fine sandy loams, 2 to 6 percent slopes	Zell	30	137	182	214	240	0
				81	122	157	186	1
				58	87	116	143	2
				45	67	90	112	3
				37	55	73	92	4
				31	46	62	77	5
				27	40	54	67	6
EeB	Edgeley loam, 2 to 6 percent slopes	Edgeley	85	29	barrier	barrier	barrier	0
				25	barrier	barrier	barrier	1
				22	barrier	barrier	barrier	2
				20	barrier	barrier	barrier	3
				18	barrier	barrier	barrier	4
				17	barrier	barrier	barrier	5
				16	barrier	barrier	barrier	6
EeC	Edgeley loam, 6 to 9 percent slopes	Edgeley	85	29	barrier	barrier	barrier	0
				25	barrier	barrier	barrier	1
				22	barrier	barrier	barrier	2
				20	barrier	barrier	barrier	3
				18	barrier	barrier	barrier	4
				17	barrier	barrier	barrier	5
				16	barrier	barrier	barrier	6
EeD	Edgeley loam, 9 to 20 percent slopes	Edgeley	85	29	barrier	barrier	barrier	0
				25	barrier	barrier	barrier	1
				22	barrier	barrier	barrier	2
				20	barrier	barrier	barrier	3
				18	barrier	barrier	barrier	4
				17	barrier	barrier	barrier	5
				16	barrier	barrier	barrier	6
EgA	Egeland-Embden complex, 0 to 2 percent slopes	Egeland	50	204	268	314	349	0
				101	151	202	241	1
				67	101	134	168	2
				50	75	100	126	3
				40	60	80	100	4
				33	50	67	84	5
				29	43	57	72	6
EgA	Egeland-Embden complex, 0 to 2 percent slopes	Embden	40	162	214	252	281	0
				90	134	175	209	1
				62	93	124	155	2
				47	71	94	118	3
				38	57	76	96	4
				32	48	64	80	5
				28	41	55	69	6
EgB	Egeland-Embden complex, 2 to 6 percent slopes	Egeland	50	204	268	314	349	0
				101	151	202	241	1
				67	101	134	168	2
				50	75	100	126	3
				40	60	80	100	4
				33	50	67	84	5
				29	43	57	72	6
EgB	Egeland-Embden complex, 2 to 6 percent slopes	Embden	35	162	214	252	281	0
				90	134	175	209	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				62	93	124	155	2
				47	71	94	118	3
				38	57	76	96	4
				32	48	64	80	5
				28	41	55	69	6
Ek	Elsmere loamy sand, 0 to 2 percent slopes	Elsmere	85	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
EmE	Ethan-Betts loams, 15 to 40 percent slopes	Ethan	50	48	68	83	95	0
				39	57	72	85	1
				32	49	63	75	2
				28	42	55	68	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
EmE	Ethan-Betts loams, 15 to 40 percent slopes	Betts	40	61	84	102	116	0
				47	68	86	102	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
EnD	Ethan-Hand loams, 9 to 20 percent slopes	Ethan	55	48	68	83	95	0
				39	57	72	85	1
				32	49	63	75	2
				28	42	55	68	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
EnD	Ethan-Hand loams, 9 to 20 percent slopes	Hand	35	96	129	154	173	0
				65	97	122	143	1
				49	73	98	117	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
Er	Exline-Aberdeen-Nahon silt loams, 0 to 2 percent slopes	Exline	50	78	106	127	143	0
				56	83	105	122	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
Er	Exline-Aberdeen-Nahon silt loams, 0 to 2 percent slopes	Aberdeen	25	121	161	191	214	0
				75	113	144	170	1
				55	82	110	134	2
				43	64	86	107	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
Er	Exline-Aberdeen-Nahon silt loams, 0 to 2 percent slopes	Nahon	20	73	100	121	136	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
Et	Exline-Aberdeen-Nahon silt loams, till substratum, 0 to 2 percent slopes	Exline	50	60	83	101	114	0
				46	67	86	101	1
				38	56	73	88	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
Et	Exline-Aberdeen-Nahon silt loams, till substratum, 0 to 2 percent slopes	Aberdeen	25	91	124	147	166	0
				63	93	118	138	1
				48	71	95	114	2
				38	58	77	95	3
				32	48	65	81	4
				28	42	56	69	5
				24	37	49	61	6
Et	Exline-Aberdeen-Nahon silt loams, till substratum, 0 to 2 percent slopes	Nahon	20	73	100	121	136	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
Ew	Exline-Heil silt loams, 0 to 2 percent slopes	Exline	50	78	106	127	143	0
				56	83	105	122	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
Ew	Exline-Heil silt loams, 0 to 2 percent slopes	Heil	40	52	72	88	100	0
				41	60	76	89	1
				34	51	66	79	2
				29	44	58	70	3
				25	38	51	62	4
				23	34	45	56	5
				20	30	41	51	6
Ex	Exline-Heil silt loams, till substratum, 0 to 2 percent slopes	Exline	50	60	83	101	114	0
				46	67	86	101	1
				38	56	73	88	2
				32	47	63	76	3
				27	41	55	67	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				24	36	48	60	5
				21	32	43	54	6
Ex	Exline-Heil silt loams, till substratum, 0 to 2 percent slopes	Heil	40	54	75	91	103	0
				43	62	78	92	1
				35	53	68	81	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
EyA	Exline-Putney silt loams, 1 to 4 percent slopes	Exline	45	78	106	127	143	0
				56	83	105	122	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
EyA	Exline-Putney silt loams, 1 to 4 percent slopes	Putney	40	163	215	253	282	0
				90	135	176	210	1
				62	93	124	155	2
				47	71	95	118	3
				38	57	77	96	4
				32	48	64	80	5
				28	42	55	69	6
Fa	Farmsworth-Durrstein silt loams, 0 to 2 percent slopes	Farmsworth	50	86	117	140	157	0
				60	89	113	133	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
Fa	Farmsworth-Durrstein silt loams, 0 to 2 percent slopes	Durrstein	35	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
Fe	Ferney-Heil complex, 0 to 2 percent slopes	Ferney	50	49	69	84	96	0
				39	58	73	86	1
				33	49	64	76	2
				28	42	56	68	3
				25	37	49	61	4
				22	33	44	55	5
				20	30	40	50	6
Fe	Ferney-Heil complex, 0 to 2 percent slopes	Heil	40	52	72	88	100	0
				41	60	76	89	1
				34	51	66	79	2
				29	44	58	70	3
				25	38	51	62	4
				23	34	45	56	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				20	30	41	51	6
Ff	Forestburg-Elsmere loamy sands, 0 to 2 percent slopes	Forestburg	60	111	149	176	198	0
				71	107	136	160	1
				53	79	105	128	2
				42	62	83	104	3
				34	52	69	86	4
				29	44	59	74	5
				26	38	51	64	6
Ff	Forestburg-Elsmere loamy sands, 0 to 2 percent slopes	Elsmere	30	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
Fh	Forestburg-Elsmere-Toko complex, 0 to 2 percent slopes	Forestburg	45	111	149	176	198	0
				71	107	136	160	1
				53	79	105	128	2
				42	62	83	104	3
				34	52	69	86	4
				29	44	59	74	5
				26	38	51	64	6
Fh	Forestburg-Elsmere-Toko complex, 0 to 2 percent slopes	Elsmere	25	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
Fh	Forestburg-Elsmere-Toko complex, 0 to 2 percent slopes	Toko	20	93	126	150	169	0
				63	95	120	140	1
				48	72	96	116	2
				39	58	78	96	3
				33	49	65	81	4
				28	42	56	70	5
				25	37	49	61	6
FmA	Forman-Aastad loams, 0 to 3 percent slopes	Forman	50	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
FmA	Forman-Aastad loams, 0 to 3 percent slopes	Aastad	40	41	59	72	82	0
				34	50	64	75	1
				29	43	57	67	2
				25	38	50	61	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
FmB	Forman-Aastad loams, 1 to 6 percent slopes	Forman	60	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
FmB	Forman-Aastad loams, 1 to 6 percent slopes	Aastad	30	41	59	72	82	0
				34	50	64	75	1
				29	43	57	67	2
				25	38	50	61	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6
FnC	Forman-Buse loams, 6 to 9 percent slopes	Forman	55	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
FnC	Forman-Buse loams, 6 to 9 percent slopes	Buse	35	39	56	68	79	0
				33	48	61	71	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6
FrB	Forman-Buse-Aastad loams, 1 to 6 percent slopes	Forman	50	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
FrB	Forman-Buse-Aastad loams, 1 to 6 percent slopes	Buse	25	39	56	68	79	0
				33	48	61	71	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6
FrB	Forman-Buse-Aastad loams, 1 to 6 percent slopes	Aastad	20	41	59	72	82	0
				34	50	64	75	1
				29	43	57	67	2
				25	38	50	61	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
FrC	Forman-Buse-Aastad loams, 2 to 9 percent slopes	Forman	45	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
FrC	Forman-Buse-Aastad loams, 2 to 9 percent slopes	Buse	30	39	56	68	79	0
				33	48	61	71	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6
FrC	Forman-Buse-Aastad loams, 2 to 9 percent slopes	Aastad	20	41	59	72	82	0
				34	50	64	75	1
				29	43	57	67	2
				25	38	50	61	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6
FsA	Forman-Cresbard loams, 0 to 2 percent slopes	Forman	55	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
FsA	Forman-Cresbard loams, 0 to 2 percent slopes	Cresbard	30	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
FsB	Forman-Cresbard loams, 2 to 6 percent slopes	Forman	60	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
FsB	Forman-Cresbard loams, 2 to 6 percent slopes	Cresbard	30	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
FtA	Forman-Cresbard-Tonka complex, 0 to 2 percent slopes	Forman	45	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
FtA	Forman-Cresbard-Tonka complex, 0 to 2 percent slopes	Cresbard	25	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
FtA	Forman-Cresbard-Tonka complex, 0 to 2 percent slopes	Tonka	20	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
Ga	Gardena very fine sandy loam, 0 to 2 percent slopes	Gardena	90	108	145	172	193	0
				70	105	133	157	1
				52	78	104	126	2
				41	62	82	103	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	64	6
Gd	Gardena-Glyndon silt loams, 0 to 2 percent slopes	Gardena	55	170	224	264	294	0
				92	138	181	216	1
				63	94	126	157	2
				48	72	96	120	3
				39	58	77	97	4
				32	49	65	81	5
				28	42	56	70	6
Gd	Gardena-Glyndon silt loams, 0 to 2 percent slopes	Glyndon	35	126	168	199	223	0
				77	116	148	176	1
				56	84	112	137	2
				44	65	87	109	3
				36	54	72	89	4
				30	46	61	76	5
				26	40	53	66	6
Ge	Gardena-Turton very fine sandy loams, 0 to 2 percent slopes	Gardena	50	108	145	172	193	0
				70	105	133	157	1
				52	78	104	126	2
				41	62	82	103	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	64	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Ge	Gardena-Turton very fine sandy loams, 0 to 2 percent slopes	Turton	35	107	143	170	191	0
				70	105	132	155	1
				52	78	103	125	2
				41	62	82	103	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	64	6
GgA	Great Bend silt loam, 0 to 2 percent slopes	Great Bend	90	140	185	219	244	0
				82	124	159	189	1
				58	88	117	145	2
				45	68	90	113	3
				37	55	74	92	4
				31	47	62	78	5
				27	40	54	67	6
GnA	Great Bend-Beotia silt loams, 0 to 2 percent slopes	Great Bend	50	140	185	219	244	0
				82	124	159	189	1
				58	88	117	145	2
				45	68	90	113	3
				37	55	74	92	4
				31	47	62	78	5
				27	40	54	67	6
GnA	Great Bend-Beotia silt loams, 0 to 2 percent slopes	Beotia	40	124	166	196	220	0
				77	115	146	174	1
				55	83	111	136	2
				43	65	87	108	3
				36	53	71	89	4
				30	45	60	76	5
				26	39	53	66	6
GnB	Great Bend-Beotia silt loams, 1 to 6 percent slopes	Great Bend	60	140	185	219	244	0
				82	124	159	189	1
				58	88	117	145	2
				45	68	90	113	3
				37	55	74	92	4
				31	47	62	78	5
				27	40	54	67	6
GnB	Great Bend-Beotia silt loams, 1 to 6 percent slopes	Beotia	30	124	166	196	220	0
				77	115	146	174	1
				55	83	111	136	2
				43	65	87	108	3
				36	53	71	89	4
				30	45	60	76	5
				26	39	53	66	6
GoA	Great Bend-Beotia silt loams, till substratum, 0 to 2 percent slopes	Great Bend	50	103	139	165	185	0
				68	102	129	152	1
				51	76	101	123	2
				40	61	81	101	3
				34	50	67	84	4
				29	43	58	72	5
				25	38	50	63	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
GoA	Great Bend-Beotia silt loams, till substratum, 0 to 2 percent slopes	Beotia	40	99	133	158	178	0
				66	99	125	146	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
GpA	Great Bend-Putney silt loams, 0 to 2 percent slopes	Great Bend	50	140	185	219	244	0
				82	124	159	189	1
				58	88	117	145	2
				45	68	90	113	3
				37	55	74	92	4
				31	47	62	78	5
				27	40	54	67	6
GpA	Great Bend-Putney silt loams, 0 to 2 percent slopes	Putney	35	163	215	253	282	0
				90	135	176	210	1
				62	93	124	155	2
				47	71	95	118	3
				38	57	77	96	4
				32	48	64	80	5
				28	42	55	69	6
GpB	Great Bend-Putney silt loams, 2 to 4 percent slopes	Great Bend	50	140	185	219	244	0
				82	124	159	189	1
				58	88	117	145	2
				45	68	90	113	3
				37	55	74	92	4
				31	47	62	78	5
				27	40	54	67	6
GpB	Great Bend-Putney silt loams, 2 to 4 percent slopes	Putney	35	163	215	253	282	0
				90	135	176	210	1
				62	93	124	155	2
				47	71	95	118	3
				38	57	77	96	4
				32	48	64	80	5
				28	42	55	69	6
GtB	Great Bend-Zell silt loams, 2 to 6 percent slopes	Great Bend	60	140	185	219	244	0
				82	124	159	189	1
				58	88	117	145	2
				45	68	90	113	3
				37	55	74	92	4
				31	47	62	78	5
				27	40	54	67	6
GtB	Great Bend-Zell silt loams, 2 to 6 percent slopes	Zell	30	182	240	282	314	0
				95	143	189	225	1
				65	97	129	161	2
				49	73	98	122	3
				39	59	78	98	4
				33	49	66	82	5
				28	42	56	70	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
GtC	Great Bend-Zell silt loams, 4 to 9 percent slopes	Great Bend	50	140	185	219	244	0
				82	124	159	189	1
				58	88	117	145	2
				45	68	90	113	3
				37	55	74	92	4
				31	47	62	78	5
				27	40	54	67	6
GtC	Great Bend-Zell silt loams, 4 to 9 percent slopes	Zell	40	182	240	282	314	0
				95	143	189	225	1
				65	97	129	161	2
				49	73	98	122	3
				39	59	78	98	4
				33	49	66	82	5
				28	42	56	70	6
GzC	Great Bend-Zell-Huffton silt loams, 4 to 9 percent slopes	Great Bend	45	140	185	219	244	0
				82	124	159	189	1
				58	88	117	145	2
				45	68	90	113	3
				37	55	74	92	4
				31	47	62	78	5
				27	40	54	67	6
GzC	Great Bend-Zell-Huffton silt loams, 4 to 9 percent slopes	Zell	25	182	240	282	314	0
				95	143	189	225	1
				65	97	129	161	2
				49	73	98	122	3
				39	59	78	98	4
				33	49	66	82	5
				28	42	56	70	6
GzC	Great Bend-Zell-Huffton silt loams, 4 to 9 percent slopes	Huffton	20	165	218	257	286	0
				90	136	177	212	1
				62	93	125	156	2
				47	71	95	119	3
				38	58	77	96	4
				32	48	64	80	5
				28	42	55	69	6
HaA	Hamerly loam, 0 to 2 percent slopes	Hamerly	85	60	83	100	113	0
				46	67	85	100	1
				38	56	73	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
Hb	Hamerly-Tonka complex, 0 to 2 percent slopes	Hamerly	50	60	83	100	113	0
				46	67	85	100	1
				38	56	73	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
Hb	Hamerly-Tonka complex, 0 to 2 percent slopes	Tonka	40	76	104	125	141	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
HcA	Hand-Bonilla loams, 0 to 3 percent slopes	Hand	50	96	129	154	173	0
				65	97	122	143	1
				49	73	98	117	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
HcA	Hand-Bonilla loams, 0 to 3 percent slopes	Bonilla	40	96	129	154	173	0
				65	97	122	143	1
				49	73	98	117	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
HcB	Hand-Bonilla loams, 1 to 6 percent slopes	Hand	60	96	129	154	173	0
				65	97	122	143	1
				49	73	98	117	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
HcB	Hand-Bonilla loams, 1 to 6 percent slopes	Bonilla	30	96	129	154	173	0
				65	97	122	143	1
				49	73	98	117	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
HdA	Hand-Carthage fine sandy loams, 0 to 3 percent slopes	Hand	50	77	105	126	142	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
HdA	Hand-Carthage fine sandy loams, 0 to 3 percent slopes	Carthage	40	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
He	Hand-Carthage-Overshue fine sandy loams, 0 to 3 percent slopes	Hand	45	77	105	126	142	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				26	39	53	66	5
				23	35	47	58	6
He	Hand-Carthage-Overshue fine sandy loams, 0 to 3 percent slopes	Carthage	25	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
He	Hand-Carthage-Overshue fine sandy loams, 0 to 3 percent slopes	Overshue	20	63	87	105	120	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
HfC	Hand-Ethan loams, 6 to 9 percent slopes	Hand	55	96	129	154	173	0
				65	97	122	143	1
				49	73	98	117	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
HfC	Hand-Ethan loams, 6 to 9 percent slopes	Ethan	35	48	68	83	95	0
				39	57	72	85	1
				32	49	63	75	2
				28	42	55	68	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
HgB	Hand-Ethan-Bonilla loams, 1 to 6 percent slopes	Hand	50	96	129	154	173	0
				65	97	122	143	1
				49	73	98	117	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
HgB	Hand-Ethan-Bonilla loams, 1 to 6 percent slopes	Ethan	25	48	68	83	95	0
				39	57	72	85	1
				32	49	63	75	2
				28	42	55	68	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
HgB	Hand-Ethan-Bonilla loams, 1 to 6 percent slopes	Bonilla	20	96	129	154	173	0
				65	97	122	143	1
				49	73	98	117	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
HgC	Hand-Ethan-Bonilla loams, 2 to 9 percent slopes	Hand	45	96	129	154	173	0
				65	97	122	143	1
				49	73	98	117	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
HgC	Hand-Ethan-Bonilla loams, 2 to 9 percent slopes	Ethan	30	48	68	83	95	0
				39	57	72	85	1
				32	49	63	75	2
				28	42	55	68	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
HgC	Hand-Ethan-Bonilla loams, 2 to 9 percent slopes	Bonilla	20	96	129	154	173	0
				65	97	122	143	1
				49	73	98	117	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
HhB	Hand-Ethan-Carthage complex, 1 to 6 percent slopes	Hand	50	77	105	126	142	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
HhB	Hand-Ethan-Carthage complex, 1 to 6 percent slopes	Ethan	25	48	68	83	95	0
				39	57	72	85	1
				32	49	63	75	2
				28	42	55	68	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
HhB	Hand-Ethan-Carthage complex, 1 to 6 percent slopes	Carthage	20	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
HjB	Hand-Talmo complex, 2 to 6 percent slopes	Hand	45	96	129	154	173	0
				65	97	122	143	1
				49	73	98	117	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
HjB	Hand-Talmo complex, 2 to 6 percent slopes	Talmo	35	187	246	289	322	0
				97	145	192	229	1
				65	98	130	163	2
				49	74	98	123	3
				39	59	79	99	4
				33	49	66	82	5
				28	42	57	71	6
HjC	Hand-Talmo complex, 6 to 9 percent slopes	Hand	45	96	129	154	173	0
				65	97	122	143	1
				49	73	98	117	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
HjC	Hand-Talmo complex, 6 to 9 percent slopes	Talmo	35	187	246	289	322	0
				97	145	192	229	1
				65	98	130	163	2
				49	74	98	123	3
				39	59	79	99	4
				33	49	66	82	5
				28	42	57	71	6
Hk	Harmony-Aberdeen silt loams, till substratum, 0 to 2 percent slopes	Harmony	55	76	104	125	142	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
Hk	Harmony-Aberdeen silt loams, till substratum, 0 to 2 percent slopes	Aberdeen	35	91	124	147	166	0
				63	93	118	138	1
				48	71	95	114	2
				38	58	77	95	3
				32	48	65	81	4
				28	42	56	69	5
				24	37	49	61	6
Hm	Harmony-Aberdeen silty clay loams, 0 to 2 percent slopes	Harmony	55	99	134	159	179	0
				66	99	125	147	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
Hm	Harmony-Aberdeen silty clay loams, 0 to 2 percent slopes	Aberdeen	35	111	149	177	198	0
				71	107	136	160	1
				53	79	105	128	2
				42	62	83	104	3
				34	52	69	86	4
				29	44	59	74	5
				26	38	51	64	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Hn	Harmony-Beotia silt loams, 0 to 2 percent slopes	Harmony	55	112	150	177	199	0
				72	108	136	161	1
				53	79	106	128	2
				42	63	84	104	3
				35	52	69	86	4
				29	44	59	74	5
				26	39	51	64	6
Hn	Harmony-Beotia silt loams, 0 to 2 percent slopes	Beotia	35	124	166	196	220	0
				77	115	146	174	1
				55	83	111	136	2
				43	65	87	108	3
				36	53	71	89	4
				30	45	60	76	5
				26	39	53	66	6
Ho	Harmony-Beotia silt loams, till substratum, 0 to 2 percent slopes	Harmony	55	76	104	125	142	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
Ho	Harmony-Beotia silt loams, till substratum, 0 to 2 percent slopes	Beotia	35	99	133	158	178	0
				66	99	125	146	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
Hp	Harriet loam, 0 to 1 percent slopes	Harriet	90	64	88	106	120	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
Hr	Heil silt loam, 0 to 1 percent slopes	Heil	90	52	72	88	100	0
				41	60	76	89	1
				34	51	66	79	2
				29	44	58	70	3
				25	38	51	62	4
				23	34	45	56	5
				20	30	41	51	6
HsA	Henkin-Blendon fine sandy loams, 0 to 2 percent slopes	Henkin	55	113	151	180	201	0
				72	108	137	162	1
				53	80	106	129	2
				42	63	84	105	3
				35	52	69	87	4
				30	44	59	74	5
				26	39	51	64	6
HsA	Henkin-Blendon fine sandy loams, 0 to 2 percent slopes	Blendon	35	188	247	290	322	0
				97	145	192	230	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				65	98	131	163	2
				49	74	98	123	3
				39	59	79	99	4
				33	49	66	82	5
				28	42	57	71	6
HsB	Henkin-Blendon fine sandy loams, 2 to 6 percent slopes	Henkin	60	113	151	180	201	0
				72	108	137	162	1
				53	80	106	129	2
				42	63	84	105	3
				35	52	69	87	4
				30	44	59	74	5
				26	39	51	64	6
HsB	Henkin-Blendon fine sandy loams, 2 to 6 percent slopes	Blendon	30	188	247	290	322	0
				97	145	192	230	1
				65	98	131	163	2
				49	74	98	123	3
				39	59	79	99	4
				33	49	66	82	5
				28	42	57	71	6
HtB	Houdek-Ethan-Prosper loams, 1 to 6 percent slopes	Houdek	50	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
HtB	Houdek-Ethan-Prosper loams, 1 to 6 percent slopes	Ethan	25	48	68	83	95	0
				39	57	72	85	1
				32	49	63	75	2
				28	42	55	68	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
HtB	Houdek-Ethan-Prosper loams, 1 to 6 percent slopes	Prosper	20	69	94	113	128	0
				51	75	95	111	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
HtC	Houdek-Ethan-Prosper loams, 2 to 9 percent slopes	Houdek	45	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
HtC	Houdek-Ethan-Prosper loams, 2 to 9 percent slopes	Ethan	30	48	68	83	95	0
				39	57	72	85	1
				32	49	63	75	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				28	42	55	68	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
HtC	Houdek-Ethan-Prosper loams, 2 to 9 percent slopes	Prosper	20	69	94	113	128	0
				51	75	95	111	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
HuA	Houdek-Prosper loams, 0 to 2 percent slopes	Houdek	50	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
HuA	Houdek-Prosper loams, 0 to 2 percent slopes	Prosper	40	69	94	113	128	0
				51	75	95	111	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
HuB	Houdek-Prosper loams, 1 to 6 percent slopes	Houdek	60	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
HuB	Houdek-Prosper loams, 1 to 6 percent slopes	Prosper	30	69	94	113	128	0
				51	75	95	111	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
HwA	Houdek-Stickney complex, 0 to 2 percent slopes	Houdek	55	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
HwA	Houdek-Stickney complex, 0 to 2 percent slopes	Stickney	35	67	93	112	126	0
				50	74	94	110	1
				40	60	78	95	2
				33	50	67	81	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
HxA	Houdek-Stickney-Tetonka complex, 0 to 2 percent slopes	Houdek	45	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
HxA	Houdek-Stickney-Tetonka complex, 0 to 2 percent slopes	Stickney	25	67	93	112	126	0
				50	74	94	110	1
				40	60	78	95	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
HxA	Houdek-Stickney-Tetonka complex, 0 to 2 percent slopes	Tetonka	20	93	126	150	169	0
				63	95	120	140	1
				48	72	96	116	2
				39	58	78	96	3
				33	49	65	81	4
				28	42	56	70	5
				25	37	49	61	6
Hy	Hoven silt loam, 0 to 1 percent slopes	Hoven	90	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
Ie	Ipage-Els-Shue complex, 0 to 6 percent slopes	Ipage	45	248	324	379	420	0
				111	166	221	270	1
				71	107	143	178	2
				53	79	105	131	3
				42	62	83	104	4
				34	52	69	86	5
				29	44	59	73	6
Ie	Ipage-Els-Shue complex, 0 to 6 percent slopes	Els	25	236	309	361	401	0
				108	162	217	263	1
				70	105	140	176	2
				52	78	104	130	3
				41	62	83	103	4
				34	51	68	86	5
				29	44	58	73	6
Ie	Ipage-Els-Shue complex, 0 to 6 percent slopes	Shue	20	109	146	173	195	0
				71	106	134	157	1
				52	78	104	126	2
				41	62	83	103	3
				34	51	69	86	4
				29	44	59	73	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				26	38	51	64	6
Jh	Jerauld-Hoven silt loams, 0 to 2 percent slopes	Jerauld	50	73	99	120	135	0
				53	79	99	117	1
				42	63	82	99	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
Jh	Jerauld-Hoven silt loams, 0 to 2 percent slopes	Hoven	40	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
KaA	Kranzburg-Brookings silt loams, 0 to 2 percent slopes	Kranzburg	50	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
KaA	Kranzburg-Brookings silt loams, 0 to 2 percent slopes	Brookings	40	85	116	138	156	0
				60	89	112	131	1
				46	69	91	110	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
KbB	Kranzburg-Brookings-Buse complex, 1 to 6 percent slopes	Kranzburg	40	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
KbB	Kranzburg-Brookings-Buse complex, 1 to 6 percent slopes	Brookings	30	85	116	138	156	0
				60	89	112	131	1
				46	69	91	110	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
KbB	Kranzburg-Brookings-Buse complex, 1 to 6 percent slopes	Buse	25	39	56	68	79	0
				33	48	61	71	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	54	4
				20	30	39	49	5
				18	27	36	45	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
KcA	Kranzburg-Cresbard silt loams, 0 to 2 percent slopes	Kranzburg	55	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
KcA	Kranzburg-Cresbard silt loams, 0 to 2 percent slopes	Cresbard	30	85	116	138	156	0
				60	89	112	131	1
				46	69	91	110	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
KtA	Kranzburg-Cresbard-Tonka silt loams, 0 to 2 percent slopes	Kranzburg	45	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
KtA	Kranzburg-Cresbard-Tonka silt loams, 0 to 2 percent slopes	Cresbard	25	85	116	138	156	0
				60	89	112	131	1
				46	69	91	110	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
KtA	Kranzburg-Cresbard-Tonka silt loams, 0 to 2 percent slopes	Tonka	20	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
KzB	Kranzburg-Zell-Aastad complex, 1 to 6 percent slopes	Kranzburg	40	72	99	119	134	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
KzB	Kranzburg-Zell-Aastad complex, 1 to 6 percent slopes	Zell	30	182	240	282	314	0
				95	143	189	225	1
				65	97	129	161	2
				49	73	98	122	3
				39	59	78	98	4
				33	49	66	82	5
				28	42	56	70	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
KzB	Kranzburg-Zell-Aastad complex, 1 to 6 percent slopes	Aastad	20	41	59	72	82	0
				34	50	64	75	1
				29	43	57	67	2
				25	38	50	61	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6
La	La Prairie loam, 0 to 2 percent slopes	La Prairie	85	73	100	120	135	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
Lc	La Prairie-Holmquist loams, channeled	La Prairie	50	73	100	120	135	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
Lc	La Prairie-Holmquist loams, channeled	Holmquist	40	140	187	220	246	0
				82	124	159	190	1
				58	88	117	145	2
				45	68	90	113	3
				37	55	74	92	4
				31	47	62	78	5
				27	40	54	67	6
Ld	LaDelle silt loam, 0 to 2 percent slopes	LaDelle	90	108	145	172	193	0
				70	105	133	157	1
				52	78	104	126	2
				41	62	82	103	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	64	6
Le	LaDelle silt loam, channeled	LaDelle	85	108	145	172	193	0
				70	105	133	157	1
				52	78	104	126	2
				41	62	82	103	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	64	6
Lk	Lamo silty clay loam, 0 to 1 percent slopes	Lamo	90	77	105	126	142	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
Lm	Lamoure silty clay loam, 0 to 1 percent slopes	Lamoure	85	102	137	163	183	0
				68	101	127	150	1
				50	76	101	122	2
				40	60	81	101	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				34	50	67	84	4
				29	43	57	72	5
				25	38	50	63	6
Ln	Lawet loam, 0 to 2 percent slopes	Lawet	85	76	104	124	140	0
				55	81	103	120	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
Lo	Lawet loam, wet, 0 to 1 percent slopes	Lawet	90	76	104	124	140	0
				55	81	103	120	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
Lp	Lawet-Davison loams, 0 to 2 percent slopes	Lawet	60	76	104	124	140	0
				55	81	103	120	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
Lp	Lawet-Davison loams, 0 to 2 percent slopes	Davison	30	88	119	142	160	0
				61	91	115	134	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
LrA	Lehr-Bowdle loams, 0 to 3 percent slopes	Lehr	55	215	282	330	367	0
				104	155	207	249	1
				68	102	137	171	2
				51	76	102	127	3
				41	61	81	101	4
				34	51	67	84	5
				29	43	58	72	6
LrA	Lehr-Bowdle loams, 0 to 3 percent slopes	Bowdle	35	199	261	307	341	0
				100	150	199	238	1
				67	100	133	166	2
				50	75	100	125	3
				40	60	80	100	4
				33	50	67	83	5
				29	43	57	71	6
LrB	Lehr-Bowdle loams, 3 to 6 percent slopes	Lehr	60	215	282	330	367	0
				104	155	207	249	1
				68	102	137	171	2
				51	76	102	127	3
				41	61	81	101	4
				34	51	67	84	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				29	43	58	72	6
LrB	Lehr-Bowdle loams, 3 to 6 percent slopes	Bowdle	30	199	261	307	341	0
				100	150	199	238	1
				67	100	133	166	2
				50	75	100	125	3
				40	60	80	100	4
				33	50	67	83	5
				29	43	57	71	6
Ls	Lowe loam, 0 to 1 percent slopes	Lowe	85	82	112	134	151	0
				58	86	109	128	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6
Lt	Ludden silty clay, 0 to 1 percent slopes	Ludden	85	63	87	105	119	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
Lu	Ludden silty clay, ponded	Ludden	90	63	87	105	119	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
Lw	Ludden silty clay, wet, 0 to 1 percent slopes	Ludden	85	63	87	105	119	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
MaC	Maddock-Egeland sandy loams, 6 to 9 percent slopes	Maddock	50	356	462	537	594	0
				128	192	256	320	1
				78	117	156	195	2
				56	84	112	140	3
				44	66	88	110	4
				36	54	72	90	5
				30	46	61	76	6
MaC	Maddock-Egeland sandy loams, 6 to 9 percent slopes	Egeland	35	204	268	314	349	0
				101	151	202	241	1
				67	101	134	168	2
				50	75	100	126	3
				40	60	80	100	4
				33	50	67	84	5
				29	43	57	72	6
MdA	Max-Arnegard loams, 0 to 3 percent slopes	Max	50	76	104	125	141	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	63	4
				26	39	52	66	5
				23	35	46	58	6
MdA	Max-Arnegard loams, 0 to 3 percent slopes	Arnegard	40	90	122	146	164	0
				62	92	117	137	1
				47	71	94	113	2
				38	57	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	36	49	61	6
MdB	Max-Arnegard loams, 1 to 6 percent slopes	Max	60	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
MdB	Max-Arnegard loams, 1 to 6 percent slopes	Arnegard	30	90	122	146	164	0
				62	92	117	137	1
				47	71	94	113	2
				38	57	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	36	49	61	6
MgB	Max-Arnegard-Zahl loams, 1 to 6 percent slopes	Max	45	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
MgB	Max-Arnegard-Zahl loams, 1 to 6 percent slopes	Arnegard	30	90	122	146	164	0
				62	92	117	137	1
				47	71	94	113	2
				38	57	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	36	49	61	6
MgB	Max-Arnegard-Zahl loams, 1 to 6 percent slopes	Zahl	20	65	90	109	123	0
				49	72	92	108	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
MnB	Max-Niobell-Noonan loams, 2 to 6 percent slopes	Max	40	76	104	125	141	0
				55	81	103	121	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
MnB	Max-Niobell-Noonan loams, 2 to 6 percent slopes	Niobell	30	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
MnB	Max-Niobell-Noonan loams, 2 to 6 percent slopes	Noonan	20	70	97	116	132	0
				52	76	97	113	1
				41	62	81	98	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
MxC	Max-Zahl-Arnegard loams, 2 to 9 percent slopes	Max	45	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
MxC	Max-Zahl-Arnegard loams, 2 to 9 percent slopes	Zahl	30	65	90	109	123	0
				49	72	92	108	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
MxC	Max-Zahl-Arnegard loams, 2 to 9 percent slopes	Arnegard	20	90	122	146	164	0
				62	92	117	137	1
				47	71	94	113	2
				38	57	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	36	49	61	6
My	Miranda-Heil complex, 0 to 2 percent slopes	Miranda	50	49	69	84	96	0
				39	58	73	86	1
				33	49	64	76	2
				28	42	56	68	3
				25	37	49	61	4
				22	33	44	55	5
				20	30	40	50	6
My	Miranda-Heil complex, 0 to 2 percent slopes	Heil	40	52	72	88	100	0
				41	60	76	89	1
				34	51	66	79	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				29	44	58	70	3
				25	38	51	62	4
				23	34	45	56	5
				20	30	41	51	6
Mz	Moritz-Lowe loams, 0 to 2 percent slopes	Moritz	55	95	128	153	172	0
				64	96	121	142	1
				49	73	97	117	2
				39	59	78	97	3
				33	49	66	82	4
				28	42	56	70	5
				25	37	49	62	6
Mz	Moritz-Lowe loams, 0 to 2 percent slopes	Lowe	35	82	112	134	151	0
				58	86	109	128	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6
Na	Nahon-Aberdeen-Exline silt loams, 0 to 2 percent slopes	Nahon	45	73	100	121	136	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
Na	Nahon-Aberdeen-Exline silt loams, 0 to 2 percent slopes	Aberdeen	30	121	161	191	214	0
				75	113	144	170	1
				55	82	110	134	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
Na	Nahon-Aberdeen-Exline silt loams, 0 to 2 percent slopes	Exline	20	78	106	127	143	0
				56	83	105	122	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
Nb	Nahon-Aberdeen-Exline silt loams, till substratum, 0 to 2 percent slopes	Nahon	45	73	100	121	136	0
				53	79	100	117	1
				42	63	82	100	2
				35	52	70	85	3
				30	45	59	74	4
				26	39	52	65	5
				23	34	46	57	6
Nb	Nahon-Aberdeen-Exline silt loams, till substratum, 0 to 2 percent slopes	Aberdeen	30	91	124	147	166	0
				63	93	118	138	1
				48	71	95	114	2
				38	58	77	95	3
				32	48	65	81	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				28	42	56	69	5
				24	37	49	61	6
Nb	Nahon-Aberdeen-Exline silt loams, till substratum, 0 to 2 percent slopes	Exline	20	60	83	101	114	0
				46	67	86	101	1
				38	56	73	88	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
Nc	Niobell-Noonan loams, 0 to 2 percent slopes	Niobell	60	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
Nc	Niobell-Noonan loams, 0 to 2 percent slopes	Noonan	30	70	97	116	132	0
				52	76	97	113	1
				41	62	81	98	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
Nd	Niobell-Noonan-Heil complex, 0 to 2 percent slopes	Niobell	40	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
Nd	Niobell-Noonan-Heil complex, 0 to 2 percent slopes	Noonan	30	70	97	116	132	0
				52	76	97	113	1
				41	62	81	98	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
Nd	Niobell-Noonan-Heil complex, 0 to 2 percent slopes	Heil	20	52	72	88	100	0
				41	60	76	89	1
				34	51	66	79	2
				29	44	58	70	3
				25	38	51	62	4
				23	34	45	56	5
				20	30	41	51	6
NeA	Niobell-Noonan-Max loams, 0 to 3 percent slopes	Niobell	40	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				24	35	47	59	6
NeA	Niobell-Noonan-Max loams, 0 to 3 percent slopes	Noonan	30	70	97	116	132	0
				52	76	97	113	1
				41	62	81	98	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
NeA	Niobell-Noonan-Max loams, 0 to 3 percent slopes	Max	20	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
Nm	Noonan-Miranda loams, 0 to 2 percent slopes	Noonan	55	70	97	116	132	0
				52	76	97	113	1
				41	62	81	98	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	56	6
Nm	Noonan-Miranda loams, 0 to 2 percent slopes	Miranda	35	49	69	84	96	0
				39	58	73	86	1
				33	49	64	76	2
				28	42	56	68	3
				25	37	49	61	4
				22	33	44	55	5
				20	30	40	50	6
Nr	Northville-Farmsworth silt loams, 0 to 2 percent slopes	Northville	60	98	132	157	176	0
				66	99	124	146	1
				49	74	99	119	2
				40	60	79	99	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
Nr	Northville-Farmsworth silt loams, 0 to 2 percent slopes	Farmsworth	30	86	117	140	157	0
				60	89	113	133	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
Nv	Northville-Farmsworth-Hoven silt loams, 0 to 2 percent slopes	Northville	40	98	132	157	176	0
				66	99	124	146	1
				49	74	99	119	2
				40	60	79	99	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Nv	Northville-Farmsworth-Hoven silt loams, 0 to 2 percent slopes	Farmsworth	30	86	117	140	157	0
				60	89	113	133	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
Nv	Northville-Farmsworth-Hoven silt loams, 0 to 2 percent slopes	Hoven	20	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
Ov	Overshue fine sandy loam, 0 to 1 percent slopes	Overshue	90	63	87	105	120	0
				48	70	89	104	1
				39	58	75	90	2
				32	49	65	78	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	54	6
Pa	Parnell silty clay loam, 0 to 1 percent slopes	Parnell	90	89	121	145	163	0
				62	92	116	136	1
				47	71	93	113	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	49	61	6
Pc	Parshall loams, 0 to 3 percent slopes	Parshall	85	273	356	416	461	0
				115	173	231	285	1
				73	110	146	183	2
				54	80	107	134	3
				42	63	85	106	4
				35	52	70	87	5
				30	45	59	74	6
PeA	Peever clay loam, 0 to 2 percent slopes	Peever	85	41	59	72	83	0
				34	50	64	75	1
				29	43	57	67	2
				25	38	50	61	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6
PgB	Peever-Buse clay loams, 1 to 4 percent slopes	Peever	60	41	59	72	83	0
				34	50	64	75	1
				29	43	57	67	2
				25	38	50	61	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6
PgB	Peever-Buse clay loams, 1 to 4 percent slopes	Buse	30	36	51	63	73	0
				31	44	56	66	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				26	39	51	60	2
				23	35	46	55	3
				21	31	41	51	4
				19	28	38	46	5
				17	26	35	43	6
PoA	Peever-Cavour complex, 0 to 2 percent slopes	Peever	60	41	59	72	83	0
				34	50	64	75	1
				29	43	57	67	2
				25	38	50	61	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6
PoA	Peever-Cavour complex, 0 to 2 percent slopes	Cavour	30	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
Pr	Playmoor silty clay loam, 0 to 1 percent slopes	Playmoor	85	106	142	169	190	0
				69	104	131	154	1
				51	77	103	124	2
				41	61	82	102	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	63	6
Py	Playmoor-Lamoure silty clay loams, channeled	Playmoor	50	106	142	169	190	0
				69	104	131	154	1
				51	77	103	124	2
				41	61	82	102	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	63	6
Py	Playmoor-Lamoure silty clay loams, channeled	Lamoure	40	102	137	163	183	0
				68	101	127	150	1
				50	76	101	122	2
				40	60	81	101	3
				34	50	67	84	4
				29	43	57	72	5
				25	38	50	63	6
Ra	Ranslo silty clay loam, 0 to 1 percent slopes	Ranslo	85	94	127	151	170	0
				64	95	120	141	1
				48	73	96	116	2
				39	59	78	97	3
				33	49	65	82	4
				28	42	56	70	5
				25	37	49	62	6
Re	Ranslo-Harriet loams, 0 to 2 percent slopes	Ranslo	50	98	132	157	176	0
				66	99	124	146	1
				49	74	99	119	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				40	60	79	99	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
Re	Ranslo-Harriet loams, 0 to 2 percent slopes	Harriet	40	64	88	106	120	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
RfA	Renshaw-Fordville loams, 0 to 2 percent slopes	Renshaw	55	266	346	404	448	0
				114	171	228	281	1
				73	109	145	182	2
				53	80	107	133	3
				42	63	84	105	4
				35	52	70	87	5
				30	44	59	74	6
RfA	Renshaw-Fordville loams, 0 to 2 percent slopes	Fordville	35	480	619	718	793	0
				141	212	282	353	1
				83	124	166	207	2
				59	88	117	146	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
RfB	Renshaw-Fordville loams, 2 to 6 percent slopes	Renshaw	60	266	346	404	448	0
				114	171	228	281	1
				73	109	145	182	2
				53	80	107	133	3
				42	63	84	105	4
				35	52	70	87	5
				30	44	59	74	6
RfB	Renshaw-Fordville loams, 2 to 6 percent slopes	Fordville	30	480	619	718	793	0
				141	212	282	353	1
				83	124	166	207	2
				59	88	117	146	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
So	Southam silty clay loam, 0 to 1 percent slopes	Southam	90	66	90	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	80	3
				28	43	57	70	4
				25	37	50	62	5
				22	33	44	55	6
St	Stickney-Dudley silt loams, 0 to 2 percent slopes	Stickney	60	67	93	112	126	0
				50	74	94	110	1
				40	60	78	95	2
				33	50	67	81	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
St	Stickney-Dudley silt loams, 0 to 2 percent slopes	Dudley	30	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
Su	Stickney-Dudley-Hoven silt loams, 0 to 2 percent slopes	Stickney	40	67	93	112	126	0
				50	74	94	110	1
				40	60	78	95	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
Su	Stickney-Dudley-Hoven silt loams, 0 to 2 percent slopes	Dudley	30	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
Su	Stickney-Dudley-Hoven silt loams, 0 to 2 percent slopes	Hoven	20	69	95	114	129	0
				51	75	96	112	1
				41	61	80	96	2
				34	51	68	83	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
Sw	Straw loam, channeled	Straw	85	95	129	153	172	0
				64	96	122	143	1
				49	73	97	117	2
				39	59	78	98	3
				33	49	66	82	4
				28	42	56	70	5
				25	37	49	62	6
Sx	Straw loam, 0 to 2 percent slopes	Straw	90	95	129	153	172	0
				64	96	122	143	1
				49	73	97	117	2
				39	59	78	98	3
				33	49	66	82	4
				28	42	56	70	5
				25	37	49	62	6
TbE	Talmo-Ethan complex, 9 to 40 percent slopes, very stony	Talmo	45	187	246	289	322	0
				97	145	192	229	1
				65	98	130	163	2
				49	74	98	123	3
				39	59	79	99	4
				33	49	66	82	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				28	42	57	71	6
TbE	Talmo-Ethan complex, 9 to 40 percent slopes, very stony	Ethan	35	48	68	83	95	0
				39	57	72	85	1
				32	49	63	75	2
				28	42	55	68	3
				24	37	49	60	4
				22	33	44	54	5
				20	30	39	49	6
Te	Tetonka silt loam, 0 to 1 percent slopes	Tetonka	90	93	126	150	169	0
				63	95	120	140	1
				48	72	96	116	2
				39	58	78	96	3
				33	49	65	81	4
				28	42	56	70	5
				25	37	49	61	6
Tk	Toko fine sandy loam, 0 to 1 percent slopes	Toko	90	93	126	150	169	0
				63	95	120	140	1
				48	72	96	116	2
				39	58	78	96	3
				33	49	65	81	4
				28	42	56	70	5
				25	37	49	61	6
Tm	Toko fine sandy loam, wet, 0 to 1 percent slopes	Toko	90	93	126	150	169	0
				63	95	120	110	1
				48	72	96	116	2
				39	58	78	96	3
				33	49	65	81	4
				28	42	56	70	5
				25	37	49	61	6
Tn	Tonka silt loam, 0 to 1 percent slopes	Tonka	90	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
To	Tonka-Rimlap silt loams, 0 to 1 percent slopes	Tonka	60	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
To	Tonka-Rimlap silt loams, 0 to 1 percent slopes	Rimlap	30	78	106	127	143	0
				56	83	105	122	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
Va	Vallers-Hamerly loams, 0 to 2 percent slopes	Vallers	60	46	64	79	90	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				37	54	69	81	1
				32	47	60	72	2
				27	41	53	65	3
				24	36	48	58	4
				21	32	43	53	5
				19	29	39	48	6
Va	Vallers-Hamerly loams, 0 to 2 percent slopes	Hamerly	30	60	83	100	113	0
				46	67	85	100	1
				38	56	73	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
VgA	Vang loam, 0 to 2 percent slopes	Vang	85	383	495	576	637	0
				131	197	263	328	1
				79	119	159	198	2
				57	85	114	142	3
				44	66	88	111	4
				36	54	72	91	5
				31	46	61	77	6
WaA	Williams-Bowbells loams, 0 to 3 percent slopes	Williams	50	60	82	100	113	0
				46	67	85	100	1
				38	56	72	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
WaA	Williams-Bowbells loams, 0 to 3 percent slopes	Bowbells	40	72	98	118	134	0
				53	78	98	115	1
				42	63	82	99	2
				35	52	69	84	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
WaB	Williams-Bowbells loams, 1 to 6 percent slopes	Williams	60	60	82	100	113	0
				46	67	85	100	1
				38	56	72	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
WaB	Williams-Bowbells loams, 1 to 6 percent slopes	Bowbells	30	72	98	118	134	0
				53	78	98	115	1
				42	63	82	99	2
				35	52	69	84	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
WbA	Williams-Bowbells-Tonka complex, 0 to 3 percent slopes	Williams	45	60	82	100	113	0
				46	67	85	100	1
				38	56	72	87	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
WbA	Williams-Bowbells-Tonka complex, 0 to 3 percent slopes	Bowbells	25	72	98	118	134	0
				53	78	98	######	1
				42	63	82	99	2
				35	52	69	84	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
WbA	Williams-Bowbells-Tonka complex, 0 to 3 percent slopes	Tonka	20	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
WbB	Williams-Bowbells-Tonka complex, 0 to 6 percent slopes	Williams	50	60	82	100	113	0
				46	67	85	100	1
				38	56	72	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
WbB	Williams-Bowbells-Tonka complex, 0 to 6 percent slopes	Bowbells	25	72	98	118	134	0
				53	78	98	115	1
				42	63	82	99	2
				35	52	69	84	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
WbB	Williams-Bowbells-Tonka complex, 0 to 6 percent slopes	Tonka	20	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
WcA	Williams-Niobell loams, 0 to 3 percent slopes	Williams	55	60	82	100	113	0
				46	67	85	100	1
				38	56	72	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
WcA	Williams-Niobell loams, 0 to 3 percent slopes	Niobell	30	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
WcB	Williams-Niobell loams, 3 to 6 percent slopes	Williams	60	60	82	100	113	0
				46	67	85	100	1
				38	56	72	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
WcB	Williams-Niobell loams, 3 to 6 percent slopes	Niobell	30	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
WdA	Williams-Niobell-Tonka complex, 0 to 3 percent slopes	Williams	45	60	82	100	113	0
				46	67	85	100	1
				38	56	72	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
WdA	Williams-Niobell-Tonka complex, 0 to 3 percent slopes	Niobell	25	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
WdA	Williams-Niobell-Tonka complex, 0 to 3 percent slopes	Tonka	20	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
WhD	Williams-Vida loams, 6 to 15 percent slopes	Williams	50	60	82	100	113	0
				46	67	85	100	1
				38	56	72	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
WhD	Williams-Vida loams, 6 to 15 percent slopes	Vida	40	45	64	78	89	0
				37	54	68	80	1
				31	46	60	72	2
				27	40	53	65	3
				24	36	47	58	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				21	32	42	52	5
				19	29	38	48	6
WmB	Williams-Zahl-Bowbells loams, 1 to 6 percent slopes	Williams	50	60	82	100	113	0
				46	67	85	100	1
				38	56	72	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
WmB	Williams-Zahl-Bowbells loams, 1 to 6 percent slopes	Zahl	25	65	90	109	123	0
				49	72	92	108	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
WmB	Williams-Zahl-Bowbells loams, 1 to 6 percent slopes	Bowbells	20	72	98	118	134	0
				53	78	98	115	1
				42	63	82	99	2
				35	52	69	87	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
WmC	Williams-Zahl-Bowbells loams, 2 to 9 percent slopes	Williams	45	60	82	100	113	0
				46	67	85	100	1
				38	56	72	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
WmC	Williams-Zahl-Bowbells loams, 2 to 9 percent slopes	Zahl	30	65	90	109	123	0
				49	72	92	108	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
WmC	Williams-Zahl-Bowbells loams, 2 to 9 percent slopes	Bowbells	20	72	98	118	134	0
				53	78	98	115	1
				42	63	82	99	2
				35	52	69	84	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
Wn	Winship-Tonka silt loams, 0 to 1 percent slopes	Winship	60	131	175	207	231	0
				79	119	152	181	1
				57	85	113	140	2
				44	66	88	87	3
				36	54	72	90	4
				31	46	61	77	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				27	40	53	66	6
Wn	Winship-Tonka silt loams, 0 to 1 percent slopes	Tonka	30	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
Wo	Winship-Tonka silt loams, till substratum, 0 to 1 percent slopes	Winship	60	104	140	166	187	0
				68	103	129	152	1
				51	76	102	123	2
				41	61	81	102	3
				34	51	68	84	4
				29	43	58	72	5
				25	38	50	63	6
Wo	Winship-Tonka silt loams, till substratum, 0 to 1 percent slopes	Tonka	30	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
Ws	Woonsocket-Whitelake fine sandy loams, 0 to 2 percent slopes	Woonsocket	50	104	140	166	187	0
				68	103	129	152	1
				51	76	102	123	2
				41	61	81	102	3
				34	51	68	84	4
				29	43	58	72	5
				25	38	50	63	6
Ws	Woonsocket-Whitelake fine sandy loams, 0 to 2 percent slopes	Whitelake	35	114	153	181	203	0
				73	109	138	163	1
				53	80	107	130	2
				42	63	84	105	3
				35	52	70	87	4
				30	44	59	74	5
				26	39	52	64	6
Wt	Worthing silty clay loam, 0 to 1 percent slopes	Worthing	90	60	83	100	114	0
				46	67	85	100	1
				38	56	73	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
Ww	Worthing silty clay loam, ponded	Worthing	90	60	83	100	114	0
				46	67	85	100	1
				38	56	73	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
ZaE	Zahill loam, 15 to 40 percent slopes	Zahill	85	52	72	88	100	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				41	60	76	89	1
				34	51	66	79	2
				29	44	58	70	3
				25	38	51	62	4
				23	34	45	56	5
				20	30	41	51	6
ZbC	Zahl-Max loams, 6 to 9 percent slopes	Zahl	50	65	90	109	123	0
				49	72	92	108	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
ZbC	Zahl-Max loams, 6 to 9 percent slopes	Max	40	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
ZbD	Zahl-Max loams, 9 to 20 percent slopes	Zahl	55	65	90	109	123	0
				49	72	92	108	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	89	4
				25	37	50	62	5
				22	33	44	55	6
ZbD	Zahl-Max loams, 9 to 20 percent slopes	Max	35	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
ZgD	Zell-Great Bend silt loams, 6 to 25 percent slopes	Zell	55	182	240	282	314	0
				95	143	189	225	1
				65	97	129	161	2
				49	73	98	122	3
				39	59	78	98	4
				33	49	66	82	5
				28	42	56	70	6
ZgD	Zell-Great Bend silt loams, 6 to 25 percent slopes	Great Bend	35	140	185	219	244	0
				82	124	159	189	1
				58	88	117	145	2
				45	68	90	113	3
				37	55	74	92	4
				31	47	62	78	5
				27	40	54	67	6

South Dakota Lateral Effect Tables for Sully

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
AaA	Agar silt loam, 0 to 2 percent slopes	Agar	90	121	162	192	215	0
				75	113	144	171	1
				55	82	110	134	2
				43	65	86	108	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
AaB	Agar silt loam, 2 to 5 percent slopes	Agar	90	121	162	192	215	0
				75	113	144	171	1
				55	82	110	134	2
				43	65	86	108	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
AaC	Agar silt loam, 5 to 9 percent slopes	Agar	90	121	162	192	215	0
				75	113	144	171	1
				55	82	110	134	2
				43	65	86	108	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
AdA	Agar-DeGrey silt loams, 0 to 2 percent slopes	Agar	50	121	162	192	215	0
				75	113	144	171	1
				55	82	110	134	2
				43	65	86	108	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
AdA	Agar-DeGrey silt loams, 0 to 2 percent slopes	DeGrey	35	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	57	6
AeA	Agar-Eakin silt loams, 0 to 2 percent slopes	Agar	60	121	162	192	215	0
				75	113	144	171	1
				55	82	110	134	2
				43	65	86	108	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
AeA	Agar-Eakin silt loams, 0 to 2 percent slopes	Eakin	25	82	111	133	150	0
				58	86	109	127	1
				45	67	89	107	2
				37	55	73	90	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6
AeB	Agar-Eakin silt loams, 2 to 5 percent slopes	Agar	60	121	162	192	215	0
				75	113	144	171	1
				55	82	110	134	2
				43	65	86	108	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
AeB	Agar-Eakin silt loams, 2 to 5 percent slopes	Eakin	35	82	111	133	150	0
				58	86	109	127	1
				45	67	89	107	2
				37	55	73	90	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6
AeC	Agar-Eakin silt loams, 5 to 9 percent slopes	Agar	55	121	162	192	215	0
				75	113	144	171	1
				55	82	110	134	2
				43	65	86	108	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
AeC	Agar-Eakin silt loams, 5 to 9 percent slopes	Eakin	40	82	111	133	150	0
				58	86	109	127	1
				45	67	89	107	2
				37	55	73	90	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6
AgA	Agar-Onita silt loams, 0 to 1 percent slopes	Agar	55	121	162	192	215	0
				75	113	144	171	1
				55	82	110	134	2
				43	65	86	108	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
AgA	Agar-Onita silt loams, 0 to 1 percent slopes	Onita	43	104	139	166	186	0
				68	102	129	152	1
				51	76	102	123	2
				41	61	81	101	3
				34	51	67	84	4
				29	43	58	72	5
				25	38	50	63	6
AkA	Agar-Walke silt loams, 0 to 2 percent slopes	Agar	50	121	162	192	215	0
				75	113	144	171	1
				55	82	110	134	2
				43	65	86	108	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
AkA	Agar-Walke silt loams, 0 to 2 percent slopes	Walke	30	84	115	137	155	0
				59	88	111	130	1
				46	69	90	109	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
AlA	Akaska silt loam, 0 to 2 percent slopes	Akaska	90	509	655	760	839	0
				144	215	287	359	1
				84	125	167	209	2
				59	88	118	147	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
AlB	Akaska silt loam, 2 to 5 percent slopes	Akaska	90	509	655	760	839	0
				144	215	287	359	1
				84	125	167	209	2
				59	88	118	147	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
BeE	Betts loam, 6 to 25 percent slopes	Betts	80	63	87	105	119	0
				48	70	89	104	1
				39	58	75	91	2
				32	49	65	79	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	55	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Cd	Wendte-Herdcamp complex, 0 to 2 percent slopes	Wendte	65	75	103	123	139	0
				55	80	102	119	1
				43	64	84	102	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
Cd	Wendte-Herdcamp complex, 0 to 2 percent slopes	Herdcamp	25	79	108	130	146	0
				57	84	106	125	1
				44	66	87	105	2
				36	54	73	89	3
				31	46	61	77	4
				27	40	53	67	5
				23	35	47	59	6
Ds	Dupree-Rock outcrop complex	Rockoutcrop	30	59	81	98	112	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	48	59	5
				21	32	42	53	6
Du	Durrstein and Egas soils	Durrstein	45	61	84	102	116	0
				47	68	87	102	1
				38	57	73	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
Du	Durrstein and Egas soils	Egas	45	67	92	111	126	0
				50	74	94	110	1
				40	60	78	95	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
Eg	Egas silty clay	Egas	90	67	92	111	126	0
				50	74	94	110	1
				40	60	78	95	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Ep	Elpam silt loam	Elpam	95	97	132	157	176	0
				66	98	124	145	1
				49	74	99	119	2
				40	59	79	99	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
GeE	Gettys clay loam, 6 to 25 percent slopes	Gettys	80	40	57	70	81	0
				34	49	62	73	1
				29	43	55	66	2
				25	38	49	60	3
				22	33	44	54	4
				20	30	40	49	5
				18	27	36	45	6
GlA	Glenham loam, 0 to 3 percent slopes	Glenham	85	45	64	78	89	0
				37	54	68	80	1
				31	47	60	72	2
				27	40	53	65	3
				24	36	47	58	4
				21	32	43	52	5
				19	29	38	48	6
GlB	Glenham loam, 3 to 6 percent slopes	Glenham	85	45	64	78	89	0
				37	54	68	80	1
				31	47	60	72	2
				27	40	53	65	3
				24	36	47	58	4
				21	32	43	52	5
				19	29	38	48	6
GlC	Glenham loam, 6 to 9 percent slopes	Glenham	90	45	64	78	89	0
				37	54	68	80	1
				31	47	60	72	2
				27	40	53	65	3
				24	36	47	58	4
				21	32	43	52	5
				19	29	38	48	6
Gp	Gravel pits	Orthents	99	570	733	850	938	0
				148	222	296	370	1
				85	128	170	213	2
				60	90	119	149	3
				46	69	92	115	4
				37	56	75	93	5
				31	47	63	79	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
HcA	Highmore silt loam, 0 to 2 percent slopes	Highmore	90	100	135	161	180	0
				67	100	126	148	1
				50	75	100	121	2
				40	60	80	100	3
				33	50	67	83	4
				29	43	57	71	5
				25	38	50	63	6
HdA	Highmore-DeGrey silt loams, 0 to 2 percent slopes	Highmore	60	100	135	161	180	0
				67	100	126	148	1
				50	75	100	121	2
				40	60	80	100	3
				33	50	67	83	4
				29	43	57	71	5
				25	38	50	63	6
HdA	Highmore-DeGrey silt loams, 0 to 2 percent slopes	DeGrey	30	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	57	6
HeA	Highmore-Eakin silt loams, 0 to 2 percent slopes	Highmore	55	100	135	161	180	0
				67	100	126	148	1
				50	75	100	121	2
				40	60	80	100	3
				33	50	67	83	4
				29	43	57	71	5
				25	38	50	63	6
HeA	Highmore-Eakin silt loams, 0 to 2 percent slopes	Eakin	30	82	111	133	150	0
				58	86	109	127	1
				45	67	89	107	2
				37	55	73	90	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6
HeB	Highmore-Eakin silt loams, 2 to 5 percent slopes	Highmore	45	100	135	161	180	0
				67	100	126	148	1
				50	75	100	121	2
				40	60	80	100	3
				33	50	67	83	4
				29	43	57	71	5
				25	38	50	63	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
HeB	Highmore-Eakin silt loams, 2 to 5 percent slopes	Eakin	40	82	111	133	150	0
				58	86	109	127	1
				45	67	89	107	2
				37	55	73	90	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6
HmA	Highmore-Walke silt loams, 0 to 2 percent slopes	Highmore	45	100	135	161	180	0
				67	100	126	148	1
				50	75	100	121	2
				40	60	80	100	3
				33	50	67	83	4
				29	43	57	71	5
				25	38	50	63	6
HmA	Highmore-Walke silt loams, 0 to 2 percent slopes	Walke	35	84	115	137	155	0
				59	88	111	130	1
				46	69	90	109	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
Ho	Hoven silt loam	Hoven	90	80	109	131	147	0
				57	85	107	125	1
				44	67	87	106	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
JbD	Java-Betts loams, 6 to 15 percent slopes	Java	55	65	90	108	123	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
JbD	Java-Betts loams, 6 to 15 percent slopes	Betts	30	63	87	105	119	0
				48	70	89	104	1
				39	58	75	91	2
				32	49	65	79	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	55	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
JcD	Java-Betts stony complex, 3 to 12 percent slopes	Java	50	65	90	108	123	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
JcD	Java-Betts stony complex, 3 to 12 percent slopes	Betts	35	63	87	105	119	0
				48	70	89	104	1
				39	58	75	91	2
				32	49	65	79	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	55	6
JgC	Java-Glenham loams, 3 to 9 percent slopes	Java	55	65	90	108	123	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
JgC	Java-Glenham loams, 3 to 9 percent slopes	Glenham	40	45	64	78	89	0
				37	54	68	80	1
				31	47	60	72	2
				27	40	53	65	3
				24	36	47	58	4
				21	32	43	52	5
				19	29	38	48	6
JkA	Jerauld-Demky loams, 0 to 1 percent slopes	Jerauld	55	55	77	93	106	0
				43	63	80	94	1
				35	53	69	82	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
JkA	Jerauld-Demky loams, 0 to 1 percent slopes	Demky	30	53	74	90	102	0
				42	61	77	91	1
				35	52	67	80	2
				29	44	58	71	3
				26	39	51	63	4
				23	34	46	56	5
				20	31	41	51	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
LoA	Lowry silt loam, 0 to 2 percent slopes	Lowry	90	169	223	262	292	0
				92	137	180	215	1
				63	94	126	157	2
				48	72	96	120	3
				39	58	77	96	4
				32	49	65	81	5
				28	42	56	70	6
LoB	Lowry silt loam, 2 to 5 percent slopes	Lowry	90	169	223	262	292	0
				92	137	180	215	1
				63	94	126	157	2
				48	72	96	120	3
				39	58	77	96	4
				32	49	65	81	5
				28	42	56	70	6
LoC	Lowry silt loam, 5 to 9 percent slopes	Lowry	90	169	223	262	292	0
				92	137	180	215	1
				63	94	126	157	2
				48	72	96	120	3
				39	58	77	96	4
				32	49	65	81	5
				28	42	56	70	6
LoD	Lowry silt loam, 9 to 12 percent slopes	Lowry	90	169	223	262	292	0
				92	137	180	215	1
				63	94	126	157	2
				48	72	96	120	3
				39	58	77	96	4
				32	49	65	81	5
				28	42	56	70	6
Ma	Macken silty clay loam	Macken	80	84	114	136	154	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
OaA	Oahe loam, 0 to 2 percent slopes	Oahe	90	498	642	745	822	0
				143	214	285	357	1
				83	125	167	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
OaB	Oahe loam, 2 to 6 percent slopes	Oahe	90	498	642	745	822	0
				143	214	285	357	1
				83	125	167	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
OhA	Oahe-Talmo loams, 0 to 2 percent slopes	Oahe	65	498	642	745	822	0
				143	214	285	357	1
				83	125	167	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
OhA	Oahe-Talmo loams, 0 to 2 percent slopes	Talmo	25	512	660	765	845	0
				144	216	288	360	1
				84	125	167	209	2
				59	88	118	147	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
OhB	Oahe-Talmo loams, 2 to 6 percent slopes	Oahe	60	498	642	745	822	0
				143	214	285	357	1
				83	125	167	208	2
				59	88	118	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
OhB	Oahe-Talmo loams, 2 to 6 percent slopes	Talmo	35	512	660	765	845	0
				144	216	288	360	1
				84	125	167	209	2
				59	88	118	147	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
OkA	Oko clay loam, 0 to 3 percent slopes	Oko	85	41	59	72	82	0
				34	50	63	75	1
				29	44	56	67	2
				26	38	50	61	3
				23	34	45	55	4
				20	30	41	50	5
				18	28	37	46	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
OkB	Oko clay loam, 3 to 6 percent slopes	Oko	90	41	59	72	82	0
				34	50	63	75	1
				29	44	56	67	2
				26	38	50	61	3
				23	34	45	55	4
				20	30	41	50	5
				18	28	37	46	6
OkC	Oko clay loam, 6 to 9 percent slopes	Oko	90	41	59	72	82	0
				34	50	63	75	1
				29	44	56	67	2
				26	38	50	61	3
				23	34	45	55	4
				20	30	41	50	5
				18	28	37	46	6
OlE	Oko stony clay loam, 6 to 25 percent slopes	Oko	85	41	59	72	82	0
				34	50	63	75	1
				29	44	56	67	2
				26	38	50	61	3
				23	34	45	55	4
				20	30	41	50	5
				18	28	37	46	6
OnA	Onita silt loam, 0 to 2 percent slopes	Onita	90	104	139	166	186	0
				68	102	129	152	1
				51	76	102	123	2
				41	61	81	101	3
				34	51	67	84	4
				29	43	58	72	5
				25	38	50	63	6
OnB	Onita silt loam, 2 to 5 percent slopes	Onita	90	104	139	166	186	0
				68	102	129	152	1
				51	76	102	123	2
				41	61	81	101	3
				34	51	67	84	4
				29	43	58	72	5
				25	38	50	63	6
OrA	Onita-DeGrey silt loams, 0 to 2 percent slopes	Onita	60	104	139	166	186	0
				68	102	129	152	1
				51	76	102	123	2
				41	61	81	101	3
				34	51	67	84	4
				29	43	58	72	5
				25	38	50	63	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
OrA	Onita-DeGrey silt loams, 0 to 2 percent slopes	DeGrey	35	70	96	116	131	0
				52	76	97	113	1
				41	62	80	97	2
				34	51	68	83	3
				29	44	58	73	4
				25	38	51	64	5
				23	34	45	57	6
OsA	Onita-Hoven silt loams, 0 to 1 percent slopes	Onita	50	104	139	166	186	0
				68	102	129	152	1
				51	76	102	123	2
				41	61	81	101	3
				34	51	67	84	4
				29	43	58	72	5
				25	38	50	63	6
OsA	Onita-Hoven silt loams, 0 to 1 percent slopes	Hoven	40	80	109	131	147	0
				57	85	107	125	1
				44	67	87	106	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
PrA	Promise silty clay, 0 to 2 percent slopes	Promise	90	84	115	137	154	0
				59	88	111	130	1
				46	69	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
PrB	Promise silty clay, 2 to 5 percent slopes	Promise	90	84	115	137	154	0
				59	88	111	130	1
				46	69	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
RcA	Raber-Cavo loams, 0 to 2 percent slopes	Raber	45	44	62	76	87	0
				36	52	66	78	1
				30	45	59	70	2
				26	40	52	63	3
				23	35	46	57	4
				21	31	42	51	5
				19	28	38	47	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
RcA	Raber-Cavo loams, 0 to 2 percent slopes	Cavo	40	65	90	108	123	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
RcB	Raber-Cavo loams, 2 to 5 percent slopes	Raber	50	44	62	76	87	0
				36	52	66	78	1
				30	45	59	70	2
				26	40	52	63	3
				23	35	46	57	4
				21	31	42	51	5
				19	28	38	47	6
RcB	Raber-Cavo loams, 2 to 5 percent slopes	Cavo	35	65	90	108	123	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
RdA	Raber-Demky loams, 0 to 2 percent slopes	Raber	60	44	62	76	87	0
				36	52	66	78	1
				30	45	59	70	2
				26	40	52	63	3
				23	35	46	57	4
				21	31	42	51	5
				19	28	38	47	6
RdA	Raber-Demky loams, 0 to 2 percent slopes	Demky	35	53	74	90	102	0
				42	61	77	91	1
				35	52	67	80	2
				29	44	58	71	3
				26	39	51	63	4
				23	34	46	56	5
				20	31	41	51	6
RdB	Raber-Demky loams, 2 to 5 percent slopes	Raber	65	44	62	76	87	0
				36	52	66	78	1
				30	45	59	70	2
				26	40	52	63	3
				23	35	46	57	4
				21	31	42	51	5
				19	28	38	47	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
RdB	Raber-Demky loams, 2 to 5 percent slopes	Demky	25	53	74	90	102	0
				42	61	77	91	1
				35	52	67	80	2
				29	44	58	71	3
				26	39	51	63	4
				23	34	46	56	5
				20	31	41	51	6
RgB	Raber and Glenham loams, 3 to 6 percent slopes	Glenham	40	45	64	78	89	0
				37	54	68	80	1
				31	47	60	72	2
				27	40	53	65	3
				24	36	47	58	4
				21	32	43	52	5
				19	29	38	48	6
RgB	Raber and Glenham loams, 3 to 6 percent slopes	Raber	40	29	62	76	87	0
				25	47	66	78	1
				22	37	57	70	2
				20	31	48	63	3
				18	28	41	55	4
				17	25	36	48	5
				16	23	32	43	6
RgC	Raber and Glenham loams, 6 to 9 percent slopes	Glenham	42	29	64	78	89	0
				25	47	68	80	1
				22	38	58	72	2
				20	31	48	65	3
				18	28	41	56	4
				17	25	36	49	5
				16	23	32	43	6
RgC	Raber and Glenham loams, 6 to 9 percent slopes	Raber	42	29	62	76	87	0
				25	47	66	78	1
				22	37	57	70	2
				20	31	48	63	3
				18	28	41	55	4
				17	25	36	48	5
				16	23	32	43	6
RhA	Raber-Highmore silt loams, 0 to 3 percent slopes	Raber	60	44	62	76	87	0
				36	52	66	78	1
				30	45	59	70	2
				26	40	52	63	3
				23	35	46	57	4
				21	31	42	51	5
				19	28	38	47	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
RhA	Raber-Highmore silt loams, 0 to 3 percent slopes	Highmore	35	100	135	161	180	0
				67	100	126	148	1
				50	75	100	121	2
				40	60	80	100	3
				33	50	67	83	4
				29	43	57	71	5
				25	38	50	63	6
RhC	Raber-Highmore silt loams, 5 to 9 percent slopes	Raber	50	44	62	76	87	0
				36	52	66	78	1
				30	45	59	70	2
				26	40	52	63	3
				23	35	46	57	4
				21	31	42	51	5
				19	28	38	47	6
RhC	Raber-Highmore silt loams, 5 to 9 percent slopes	Eakin	30	82	111	133	150	0
				58	86	109	127	1
				45	67	89	107	2
				37	55	73	90	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6
RpB	Raber-Peno loams, 3 to 6 percent slopes	Raber	55	44	62	76	87	0
				36	52	66	78	1
				30	45	59	70	2
				26	40	52	63	3
				23	35	46	57	4
				21	31	42	51	5
				19	28	38	47	6
RpB	Raber-Peno loams, 3 to 6 percent slopes	Peno	35	39	56	69	79	0
				33	48	61	72	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	44	54	4
				20	30	40	49	5
				18	27	36	45	6
RpC	Raber-Peno loams, 6 to 9 percent slopes	Raber	50	44	62	76	87	0
				36	52	66	78	1
				30	45	59	70	2
				26	40	52	63	3
				23	35	46	57	4
				21	31	42	51	5
				19	28	38	47	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
RpC	Raber-Peno loams, 6 to 9 percent slopes	Peno	40	39	56	69	79	0
				33	48	61	72	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	44	54	4
				20	30	40	49	5
				18	27	36	45	6
RrA	Ree loam, 0 to 2 percent slopes	Ree	90	77	105	126	143	0
				56	82	104	122	1
				44	65	85	103	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
RrB	Ree loam, 2 to 5 percent slopes	Ree	90	77	105	126	143	0
				56	82	104	122	1
				44	65	85	103	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
Rt	Ree and Durrstein soils	Durrstein	37	61	84	102	116	0
				47	68	87	102	1
				38	57	73	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
Rt	Ree and Durrstein soils	Ree	37	77	105	126	143	0
				56	82	104	122	1
				44	65	85	103	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
Ru	Betts-Gettys complex, stony	Betts	45	63	87	105	119	0
				48	70	89	104	1
				39	58	75	91	2
				32	49	65	79	3
				28	42	56	69	4
				24	37	49	61	5
				22	33	44	55	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Ru	Betts-Gettys complex, stony	Gettys	40	40	57	70	81	0
				34	49	62	73	1
				29	43	55	66	2
				25	38	49	60	3
				22	33	44	54	4
				20	30	40	49	5
				18	27	36	45	6
Sa	Egas-Slickspots complex	Egas	55	67	92	111	126	0
				50	74	94	110	1
				40	60	78	95	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
Sa	Egas-Slickspots complex	Slickspots	25	83	113	135	152	0
				59	87	110	129	1
				45	68	89	108	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
St	Rock outcrop-Dupree complex	Rockoutcrop	65	59	81	98	112	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	48	59	5
				21	32	42	53	6
SuE	Sully silt loam, 12 to 25 percent slopes	Sully	80	134	179	211	236	0
				80	121	155	184	1
				57	86	115	142	2
				45	67	89	111	3
				36	55	73	91	4
				31	46	62	77	5
				27	40	53	67	6
SwD	Sully-Lowry silt loams, 3 to 12 percent slopes	Sully	60	134	179	211	236	0
				80	121	155	184	1
				57	86	115	142	2
				45	67	89	111	3
				36	55	73	91	4
				31	46	62	77	5
				27	40	53	67	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
SwD	Sully-Lowry silt loams, 3 to 12 percent slopes	Lowry	25	169	223	262	292	0
				92	137	180	215	1
				63	94	126	157	2
				48	72	96	120	3
				39	58	77	96	4
				32	49	65	81	5
				28	42	56	70	6
TaE	Talmo gravelly loam, 9 to 25 percent slopes	Talmo	75	825	1057	1222	1347	0
				161	241	322	402	1
				89	134	178	223	2
				62	93	123	154	3
				47	71	94	118	4
				38	57	76	95	5
				32	48	64	80	6
*NOTE:								
	The following soils have a barrier layer less than eight (8) feet and must be calculated using a different method.							
DoF	Dupree-Opal clays, 6 to 34 percent slopes	Dupree	60	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
DoF	Dupree-Opal clays, 6 to 34 percent slopes	Opal	25	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
Ds	Dupree-Rock outcrop complex	Dupree	60	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
HuA	Hurley silt loam, 0 to 5 percent slopes	Hurley	85	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
OtB	Opal clay, 2 to 6 percent slopes	Opal	85	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
OtC	Opal clay, 6 to 9 percent slopes	Opal	90	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
OuD	Opal-Dupree clays, 6 to 21 percent slopes	Opal	55	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
OuD	Opal-Dupree clays, 6 to 21 percent slopes	Dupree	35	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
St	Rock outcrop-Dupree complex	Dupree	20	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6

South Dakota Lateral Effect Tables for Tripp

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
AaB2	slopes, eroded	Anselmo	90	131	174	206	231	0
				79	119	152	181	1
				57	85	113	140	2
				44	66	88	110	3
				36	54	72	90	4
				31	46	61	77	5
				27	40	53	66	6
AbB	slopes	Anselmo	90	142	188	222	248	0
				83	124	160	191	1
				59	88	117	146	2
				45	68	91	113	3
				37	55	74	92	4
				31	47	62	78	5
				27	40	54	67	6
AbC	slopes	Anselmo	90	142	188	222	248	0
				83	124	160	191	1
				59	88	117	146	2
				45	68	91	113	3
				37	55	74	92	4
				31	47	62	78	5
				27	40	54	67	6
AbD	slopes	Anselmo	90	142	188	222	248	0
				83	124	160	191	1
				59	88	117	146	2
				45	68	91	113	3
				37	55	74	92	4
				31	47	62	78	5
				27	40	54	67	6
AhC	slopes	Anselmo	50	142	188	222	248	0
				83	124	160	191	1
				59	88	117	146	2
				45	68	91	113	3
				37	55	74	92	4
				31	47	62	78	5
				27	40	54	67	6
AtD	percent slopes	Anselmo	55	142	188	222	248	0
				83	124	160	191	1
				59	88	117	146	2
				45	68	91	113	3
				37	55	74	92	4
				31	47	62	78	5
				27	40	54	67	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
AvA	percent slopes	Anselmo	55	142	188	222	248	0
				83	124	160	191	1
				59	88	117	146	2
				45	68	91	113	3
				37	55	74	92	4
				31	47	62	78	5
				27	40	54	67	6
AvA	percent slopes	Vetal	30	126	168	199	223	0
				77	116	148	176	1
				56	84	111	137	2
				44	65	87	109	3
				36	54	72	89	4
				30	46	61	76	5
				26	40	53	66	6
Ba	Bigbend-Inavale complex	Bigbend	50	197	259	303	337	0
				99	149	198	236	1
				66	99	133	166	2
				50	75	100	125	3
				40	60	80	100	4
				33	50	66	83	5
				29	43	57	71	6
Ba	Bigbend-Inavale complex	Inavale	30	253	330	385	427	0
				112	167	223	273	1
				72	107	143	179	2
				53	79	105	132	3
				42	63	83	104	4
				35	52	69	86	5
				29	44	59	74	6
Ba	Bigbend-Inavale complex	Munjor	15	177	233	274	305	0
				94	141	185	221	1
				64	96	128	160	2
				48	73	97	121	3
				39	58	78	97	4
				33	49	65	82	5
				28	42	56	70	6
BmC	Boro-Millboro silty clays, 5 to 9 percent slopes	Boro	45	74	102	122	138	0
				54	80	101	118	1
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
BmC	Boro-Millboro silty clays, 5 to 9 percent slopes	Millboro	30	60	84	101	115	0
				46	68	86	101	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
Bp	Bridgeport complex	Bridgeport	70	67	92	111	126	0
				50	74	94	110	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
Bt	Bridgeport complex, channeled	Bridgeport	65	67	92	111	126	0
				50	74	94	110	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
CaB	Canning loam, 2 to 5 percent slopes	Canning	85	506	652	756	835	0
				143	215	287	358	1
				83	125	167	209	2
				59	88	118	147	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
CbD	Canning-Murdo loams, 6 to 15 percent slopes	Canning	50	506	652	756	835	0
				143	215	287	358	1
				83	125	167	209	2
				59	88	118	147	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
CbD	Canning-Murdo loams, 6 to 15 percent slopes	Murdo	30	553	711	825	910	0
				147	220	294	367	1
				85	127	169	212	2
				59	89	119	149	3
				46	69	92	115	4
				37	56	75	93	5
				31	47	63	79	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Cc	Carter silty clay loam	Carter	80	92	125	149	167	0
				63	94	119	139	1
				48	72	95	115	2
				39	58	77	96	3
				32	49	65	81	4
				28	42	56	70	5
				24	37	49	61	6
Cd	Cass fine sandy loam	Cass	85	191	251	294	327	0
				98	146	194	232	1
				66	98	131	164	2
				49	74	99	123	3
				40	59	79	99	4
				33	50	66	83	5
				28	43	57	71	6
ChA	slopes	Chappell	80	294	383	446	494	0
				119	179	238	297	1
				75	112	149	187	2
				54	82	109	136	3
				43	64	85	107	4
				35	53	70	88	5
				30	45	60	75	6
CnC	slopes	Chappell	55	294	383	446	494	0
				119	179	238	297	1
				75	112	149	187	2
				54	82	109	136	3
				43	64	85	107	4
				35	53	70	88	5
				30	45	60	75	6
CnC	slopes	Dix	25	306	397	463	513	0
				121	181	242	302	1
				75	113	151	188	2
				55	82	109	137	3
				43	64	86	107	4
				35	53	71	88	5
				30	45	60	75	6
DaA	Dix fine sandy loam, 0 to 3 percent slopes	Dix	90	306	397	463	513	0
				121	181	242	302	1
				75	113	151	188	2
				55	82	109	137	3
				43	64	86	107	4
				35	53	71	88	5
				30	45	60	75	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
DbD	Dix soils, 9 to 18 percent slopes	Dix	85	306	397	463	513	0
				121	181	242	302	1
				75	113	151	188	2
				55	82	109	137	3
				43	64	86	107	4
				35	53	71	88	5
				30	45	60	75	6
DgB	Doger loamy fine sand, 0 to 6 percent slopes	Doger	88	156	206	243	271	0
				88	131	171	204	1
				61	91	122	152	2
				47	70	93	117	3
				38	57	76	95	4
				32	48	64	80	5
				27	41	55	69	6
DmA	slopes	Doger	50	156	206	243	271	0
				88	131	171	204	1
				61	91	122	152	2
				47	70	93	117	3
				38	57	76	95	4
				32	48	64	80	5
				27	41	55	69	6
DmA	slopes	Elsmere	40	445	575	667	737	0
				138	207	276	345	1
				82	122	163	204	2
				58	87	116	145	3
				45	67	90	112	4
				37	55	73	92	5
				31	47	62	78	6
DnC2	slopes, eroded	Dunday	90	118	158	187	209	0
				74	111	141	167	1
				54	81	108	132	2
				43	64	85	106	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
DnC2	slopes, eroded	Doger	3	156	206	243	271	0
				88	131	171	204	1
				61	91	122	152	2
				47	70	93	117	3
				38	57	76	95	4
				32	48	64	80	5
				27	41	55	69	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
DuC	percent slopes	Dunday	50	118	158	187	209	0
				74	111	141	167	1
				54	81	108	132	2
				43	64	85	106	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
DuC	percent slopes	Doger	40	156	206	243	271	0
				88	131	171	204	1
				61	91	122	152	2
				47	70	93	117	3
				38	57	76	95	4
				32	48	64	80	5
				27	41	55	69	6
Em	Elsmere fine sandy loam	Elsmere	85	445	575	667	737	0
				138	207	276	345	1
				82	122	163	204	2
				58	87	116	145	3
				45	67	90	112	4
				37	55	73	92	5
				31	47	62	78	6
Er	Erd clay	Erd	90	77	105	126	142	0
				55	82	104	121	1
				43	65	85	103	2
				36	54	71	87	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	46	58	6
Es	Erd-Capa complex	Erd	60	77	105	126	142	0
				55	82	104	121	1
				43	65	85	103	2
				36	54	71	87	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	46	58	6
Es	Erd-Capa complex	Capa	25	67	93	111	126	0
				50	74	94	110	1
				40	60	78	95	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Gp	Gravel pit	Orthents	98	553	711	824	910	0
				147	220	294	367	1
				85	127	169	212	2
				59	89	119	149	3
				46	69	92	115	4
				37	56	75	93	5
				31	47	63	79	6
Ha	Bigbend soils	Bigbend	90	248	324	378	420	0
				111	166	221	270	1
				71	107	143	178	2
				53	79	105	131	3
				42	62	83	104	4
				34	52	69	86	5
				29	44	59	73	6
HbA	slopes	Anselmo	30	142	188	222	248	0
				83	124	160	191	1
				59	88	117	146	2
				45	68	91	113	3
				37	55	74	92	4
				31	47	62	78	5
				27	40	54	67	6
Ia	Inavale loamy fine sand	Inavale	90	244	319	373	414	0
				110	165	220	268	1
				71	106	142	177	2
				52	79	105	131	3
				42	62	83	104	4
				34	52	69	86	5
				29	44	59	73	6
Ic	Inavale complex, channeled	Inavale	65	244	319	373	414	0
				110	165	220	268	1
				71	106	142	177	2
				52	79	105	131	3
				42	62	83	104	4
				34	52	69	86	5
				29	44	59	73	6
Ke	Keya silt loam	Keya	90	144	191	225	252	0
				84	126	162	193	1
				59	89	118	147	2
				46	68	91	114	3
				37	56	74	93	4
				31	47	63	78	5
				27	41	54	68	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Ko	Kolls clay	Kolls	90	52	72	88	100	0
				41	60	76	89	1
				34	51	66	79	2
				29	44	57	70	3
				25	38	51	62	4
				23	34	45	56	5
				20	30	41	51	6
LkC	slopes	Millboro	30	60	84	101	115	0
				46	68	86	101	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
LwA	Lowry silt loam, 0 to 4 percent slopes	Lowry	90	160	212	249	278	0
				89	133	174	208	1
				62	92	123	154	2
				47	71	94	118	3
				38	57	76	95	4
				32	48	64	80	5
				28	41	55	69	6
MaA	Manter fine sandy loam, 0 to 3 percent slopes	Manter	85	157	208	245	274	0
				88	132	172	206	1
				61	92	122	153	2
				47	70	94	117	3
				38	57	76	95	4
				32	48	64	80	5
				28	41	55	69	6
MaB	Manter fine sandy loam, 3 to 9 percent slopes	Manter	80	157	208	245	274	0
				88	132	172	206	1
				61	92	122	153	2
				47	70	94	117	3
				38	57	76	95	4
				32	48	64	80	5
				28	41	55	69	6
MfE	percent slopes	Manter	50	157	208	245	274	0
				88	132	172	206	1
				61	92	122	153	2
				47	70	94	117	3
				38	57	76	95	4
				32	48	64	80	5
				28	41	55	69	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
MfE	percent slopes	Anselmo	30	142	188	222	248	0
				83	124	160	191	1
				59	88	117	146	2
				45	68	91	113	3
				37	55	74	92	4
				31	47	62	78	5
				27	40	54	67	6
Mh	Marsh	Aquolls	96	64	88	107	121	0
				49	71	90	106	1
				39	59	76	92	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
MoA	Millboro silty clay, 0 to 3 percent slopes	Millboro	85	60	84	101	115	0
				46	68	86	101	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
MoB	Millboro silty clay, 3 to 6 percent slopes	Millboro	80	60	84	101	115	0
				46	68	86	101	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
MoC	Millboro silty clay, 6 to 9 percent slopes	Millboro	80	60	84	101	115	0
				46	68	86	101	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
Mr	Mosher silt loam	Mosher	90	90	122	146	164	0
				62	93	117	137	1
				47	71	94	114	2
				38	58	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	37	49	61	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Ms	Mosher-Jerauld silt loams	Mosher	60	90	122	146	164	0
				62	93	117	137	1
				47	71	94	114	2
				38	58	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	37	49	61	6
Ms	Mosher-Jerauld silt loams	Jerauld	30	66	91	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	80	3
				28	43	57	70	4
				25	37	50	62	5
				22	33	44	55	6
Mu	Munjor fine sandy loam	Munjor	90	177	233	274	305	0
				94	141	185	221	1
				64	96	128	160	2
				48	73	97	121	3
				39	58	78	97	4
				33	49	65	82	5
				28	42	56	70	6
OcF	percent slopes	Rockoutcrop	30	56	78	95	108	0
				44	64	81	96	1
				36	54	70	84	2
				31	46	60	74	3
				27	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
On	Onita silt loam	Onita	90	97	131	156	175	0
				65	98	123	145	1
				49	74	98	118	2
				40	59	79	99	3
				33	49	66	82	4
				28	42	57	71	5
				25	37	50	62	6
Oo	Onita-Mosher silt loams	Onita	60	97	131	156	175	0
				65	98	123	145	1
				49	74	98	118	2
				40	59	79	99	3
				33	49	66	82	4
				28	42	57	71	5
				25	37	50	62	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Oo	Onita-Mosher silt loams	Mosher	30	90	122	146	164	0
				62	93	117	137	1
				47	71	94	114	2
				38	58	77	95	3
				32	48	64	80	4
				28	42	55	69	5
				24	37	49	61	6
Ow	Orwet loam	Orwet	90	169	223	263	293	0
				92	137	180	215	1
				63	94	126	157	2
				48	72	96	120	3
				39	58	77	96	4
				32	49	65	81	5
				28	42	56	70	6
PrA	Promise clay, 0 to 3 percent slopes	Promise	85	85	115	137	155	0
				59	88	111	130	1
				46	69	90	109	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
PrB	Promise clay, 3 to 6 percent slopes	Promise	90	85	115	137	155	0
				59	88	111	130	1
				46	69	90	109	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
PrC	Promise clay, 6 to 9 percent slopes	Promise	85	85	115	137	155	0
				59	88	111	130	1
				46	69	90	109	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
PsA	slopes	Wendte	80	72	98	118	133	0
				53	78	98	115	1
				42	63	81	99	2
				35	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
PtA	Hilmoe clay, 0 to 2 percent slopes	Hilmoe	90	86	117	140	158	0
				60	90	113	133	1
				46	70	92	111	2
				38	56	75	93	3
				32	48	63	79	4
				27	41	55	68	5
				24	36	48	60	6
Q	Quarry, 0 to 60 percent slopes	Orthents	98	385	497	578	639	0
				132	197	263	329	1
				79	119	159	198	2
				57	85	114	142	3
				44	66	88	111	4
				36	54	72	91	5
				31	46	61	77	6
RaA	Ree loam, 0 to 3 percent slopes	Ree	85	119	160	189	212	0
				75	112	143	169	1
				54	82	109	133	2
				43	64	86	107	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
RaB	Ree loam, 3 to 6 percent slopes	Ree	85	119	160	189	212	0
				75	112	143	169	1
				54	82	109	133	2
				43	64	86	107	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
RaC	Ree loam, 6 to 9 percent slopes	Ree	84	119	160	189	212	0
				75	112	143	169	1
				54	82	109	133	2
				43	64	86	107	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
RaD	Ree loam, 9 to 15 percent slopes	Ree	80	134	179	211	236	0
				80	121	154	184	1
				57	86	115	142	2
				45	67	89	111	3
				36	55	73	91	4
				31	46	62	77	5
				27	40	53	67	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
ReA	Reliance silty clay loam, 0 to 3 percent slopes	Reliance	85	99	134	159	179	0
				66	99	125	147	1
				50	75	100	120	2
				40	60	80	100	3
				33	50	66	83	4
				29	43	57	71	5
				25	37	50	62	6
ReB	Reliance silty clay loam, 3 to 6 percent slopes	Reliance	80	99	134	159	179	0
				66	99	125	147	1
				50	75	100	120	2
				40	60	80	100	3
				33	50	66	83	4
				29	43	57	71	5
				25	37	50	62	6
ReC	Reliance silty clay loam, 6 to 9 percent slopes	Reliance	90	99	134	159	179	0
				66	99	125	147	1
				50	75	100	120	2
				40	60	80	100	3
				33	50	66	83	4
				29	43	57	71	5
				25	37	50	62	6
ReC2	slopes, eroded	Reliance	90	99	134	159	179	0
				66	99	125	147	1
				50	75	100	120	2
				40	60	80	100	3
				33	50	66	83	4
				29	43	57	71	5
				25	37	50	62	6
ScF	percent slopes	Rockoutcrop	30	56	78	95	108	0
				44	64	81	96	1
				36	54	70	84	2
				31	46	60	74	3
				27	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
Wb	Wann fine sandy loam	Wann	85	124	165	196	219	0
				76	115	146	173	1
				55	83	111	136	2
				43	65	87	108	3
				36	53	71	89	4
				30	45	60	76	5
				26	39	53	66	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
WeE	Westover loam, 9 to 25 percent slopes	Westover	90	377	488	568	628	0
				131	196	261	327	1
				79	119	158	198	2
				57	85	113	142	3
				44	66	88	110	4
				36	54	72	90	5
				31	46	61	77	6
Wh	Whitelake fine sandy loam	Whitelake	90	184	242	284	316	0
				96	144	190	226	1
				65	97	129	162	2
				49	73	98	122	3
				39	59	79	98	4
				33	49	66	82	5
				28	42	56	71	6
Wk	Whitelake-Lute fine sandy loams	Whitelake	50	184	242	284	316	0
				96	144	190	226	1
				65	97	129	162	2
				49	73	98	122	3
				39	59	79	98	4
				33	49	66	82	5
				28	42	56	71	6
Wk	Whitelake-Lute fine sandy loams	Lute	30	136	181	214	240	0
				81	122	156	186	1
				58	87	115	143	2
				45	67	90	112	3
				37	55	73	91	4
				31	46	62	77	5
				27	40	54	67	6
Wn	Witten silty clay	Witten	85	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	61	6
VdC	slopes	Valentine	50	272	354	413	458	0
				115	173	231	285	1
				73	110	146	183	2
				54	80	107	134	3
				42	63	84	106	4
				35	52	70	87	5
				30	45	59	74	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
VdC	slopes	Dunday	40	118	158	187	209	0
				74	111	141	167	1
				54	81	108	132	2
				43	64	85	106	3
				35	53	70	88	4
				30	45	60	75	5
				26	39	52	65	6
VnD	slopes	Valentine	60	272	354	413	458	0
				115	173	231	285	1
				73	110	146	183	2
				54	80	107	134	3
				42	63	84	106	4
				35	52	70	87	5
				30	45	59	74	6
Vt	Vetal fine sandy loam	Vetal	85	126	168	199	223	0
				77	116	148	176	1
				56	84	111	137	2
				44	65	87	109	3
				36	54	72	89	4
				30	46	61	76	5
				26	40	53	66	6
Wb	Wann fine sandy loam	Wann	85	124	165	196	219	0
				76	115	146	173	1
				55	83	111	136	2
				43	65	87	108	3
				36	53	71	89	4
				30	45	60	76	5
				26	39	53	66	6
WeE	Westover loam, 9 to 25 percent slopes	Westover	90	377	488	568	628	0
				131	196	261	327	1
				79	119	158	198	2
				57	85	113	142	3
				44	66	88	110	4
				36	54	72	90	5
				31	46	61	77	6
Wh	Whitelake fine sandy loam	Whitelake	90	184	242	284	316	0
				96	144	190	226	1
				65	97	129	162	2
				49	73	98	122	3
				39	59	79	98	4
				33	49	66	82	5
				28	42	56	71	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Wk	Whitelake-Lute fine sandy loams	Whitelake	50	184	242	284	316	0
				96	144	190	226	1
				65	97	129	162	2
				49	73	98	122	3
				39	59	79	98	4
				33	49	66	82	5
				28	42	56	71	6
Wk	Whitelake-Lute fine sandy loams	Lute	30	136	181	214	240	0
				81	122	156	186	1
				58	87	115	143	2
				45	67	90	112	3
				37	55	73	91	4
				31	46	62	77	5
				27	40	54	67	6
Wn	Witten silty clay	Witten	85	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	61	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
*NOTE:	The following soils have a barrier layer less than eight (8) feet and must be calculated using a different method.							
HkB	slopes	Kadoka	40	barrier	barrier	barrier	barrier	0
Hr	Hurley silt loam	Hurley	85	barrier	barrier	barrier	barrier	0
KaA	Kadoka silt loam, 0 to 3 percent slopes	Kadoka	85	barrier	barrier	barrier	barrier	0
KbD	slopes	Kadoka	60	barrier	barrier	barrier	barrier	0
KbD	slopes	Epping	25	barrier	barrier	barrier	barrier	0
LkC	slopes	Lakoma	50	barrier	barrier	barrier	barrier	0
EpE	Epping soils, 12 to 25 percent slopes	Epping	80	barrier	barrier	barrier	barrier	0
HbA	slopes	Holt	60	barrier	barrier	barrier	barrier	0
HgA	Huggins silt loam, 0 to 3 percent slopes	Huggins	85	barrier	barrier	barrier	barrier	0
HkB	slopes	Huggins	45	barrier	barrier	barrier	barrier	0
HkB	slopes	Kadoka	40	barrier	barrier	barrier	barrier	0
Hr	Hurley silt loam	Hurley	85	barrier	barrier	barrier	barrier	0
KaA	Kadoka silt loam, 0 to 3 percent slopes	Kadoka	85	barrier	barrier	barrier	barrier	0
KbD	slopes	Kadoka	60	barrier	barrier	barrier	barrier	0
KbD	slopes	Epping	25	barrier	barrier	barrier	barrier	0
LkC	slopes	Lakoma	50	barrier	barrier	barrier	barrier	0
LoD	slopes	Lakoma	60	barrier	barrier	barrier	barrier	0
RoB	percent slopes	Longpine	35	barrier	barrier	barrier	barrier	0
RsB	Rosebud loam, 3 to 6 percent slopes	Rosebud	85	barrier	barrier	barrier	barrier	0
RuC	slopes	Rosebud	60	barrier	barrier	barrier	barrier	0
RuC	slopes	Canyon	25	barrier	barrier	barrier	barrier	0
RuD	slopes	Rosebud	55	barrier	barrier	barrier	barrier	0
RuD	slopes	Canyon	35	barrier	barrier	barrier	barrier	0
OsE	Opal-Sansarc clays, 9 to 25 percent slopes	Opal	55	barrier	barrier	barrier	barrier	0
OsE	Opal-Sansarc clays, 9 to 25 percent slopes	Sansarc	35	barrier	barrier	barrier	barrier	0
RfA	slopes	Ronson	85	barrier	barrier	barrier	barrier	0
RoB	percent slopes	Ronson	45	barrier	barrier	barrier	barrier	0
RoB	percent slopes	Longpine	35	barrier	barrier	barrier	barrier	0
RsB	Rosebud loam, 3 to 6 percent slopes	Rosebud	85	barrier	barrier	barrier	barrier	0
RuC	slopes	Rosebud	60	barrier	barrier	barrier	barrier	0
RuC	slopes	Canyon	25	barrier	barrier	barrier	barrier	0
RuD	slopes	Rosebud	55	barrier	barrier	barrier	barrier	0
RuD	slopes	Canyon	35	barrier	barrier	barrier	barrier	0
SAE	slopes	Sansarc	65	barrier	barrier	barrier	barrier	0
WgB	slopes	Wewela	85	barrier	barrier	barrier	barrier	0
Wo	Wortman silt loam	Wortman	85	barrier	barrier	barrier	barrier	0

South Dakota Lateral Effect Tables for Turner County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Ac	Alcester silt loam	Alcester	90	87	118	141	159	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
Ar	Arlo clay loam	Arlo	85	156	207	244	272	0
				88	131	171	205	1
				61	91	122	152	2
				47	70	93	117	3
				38	57	76	95	4
				32	48	64	80	5
				27	41	55	69	6
Ba	Baltic silty clay loam	Baltic	85	67	92	111	125	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
Bb	Baltic silty clay loam, ponded	Baltic	90	71	98	117	133	0
				52	77	98	114	1
				42	62	81	99	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
BeE	Betts-Ethan loams, 15 to 40 percent slopes	Betts	50	51	72	87	100	0
				41	60	76	88	1
				34	51	65	78	2
				29	43	57	70	3
				25	38	50	62	4
				22	34	45	56	5
				20	30	40	50	6
BeE	Betts-Ethan loams, 15 to 40 percent slopes	Ethan	35	45	63	78	89	0
				37	53	68	80	1
				31	46	60	72	2
				27	40	53	64	3
				24	36	47	58	4
				21	32	42	52	5
				19	29	38	48	6
BhE	Betts-Talmo complex, 12 to 40 percent slopes	Betts	65	51	72	87	100	0
				41	60	76	88	1
				34	51	65	78	2
				29	43	57	70	3
				25	38	50	62	4
				22	34	45	56	5
				20	30	40	50	6
BhE	Betts-Talmo complex, 12 to 40 percent slopes	Talmo	20	444	573	666	736	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				138	207	276	345	1
				82	122	163	204	2
				58	87	116	145	3
				45	67	90	112	4
				37	55	73	92	5
				31	47	62	78	6
BkA	Blendon fine sandy loam, 0 to 2 percent slopes	Blendon	85	169	223	262	292	0
				92	137	180	215	1
				63	94	126	157	2
				48	72	96	120	3
				39	58	77	96	4
				32	49	65	81	5
				28	42	56	70	6
BmB	Blendon-Henkin fine sandy loams, 2 to 6 percent slopes	Blendon	60	169	223	262	292	0
				92	137	180	215	1
				63	94	126	157	2
				48	72	96	120	3
				39	58	77	96	4
				32	49	65	81	5
				28	42	56	70	6
BmB	Blendon-Henkin fine sandy loams, 2 to 6 percent slopes	Henkin	30	135	179	212	237	0
				81	121	155	184	1
				57	86	115	142	2
				45	67	89	112	3
				36	55	73	91	4
				31	46	62	77	5
				27	40	53	67	6
Ca	Chancellor silty clay loam	Chancellor	85	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
Cc	Chaska loam, channeled	Chaska	90	60	83	100	114	0
				46	67	85	100	1
				38	56	73	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
Cd	Clamo silty clay	Clamo	90	77	106	127	143	0
				56	82	105	122	1
				44	65	85	104	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
Ce	Clamo clay, gravelly substratum	Clamo	85	150	199	234	261	0
				86	129	166	199	1
				60	90	120	150	2
				46	69	92	115	3
				38	56	75	94	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				32	47	63	79	5
				27	41	55	68	6
ChA	Clarno-Bonilla loams, 0 to 2 percent slopes	Clarno	65	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
ChA	Clarno-Bonilla loams, 0 to 2 percent slopes	Bonilla	25	82	111	133	150	0
				58	86	109	127	1
				45	68	89	107	2
				37	55	74	90	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6
ChB	Clarno-Bonilla loams, 1 to 6 percent slopes	Clarno	70	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
ChB	Clarno-Bonilla loams, 1 to 6 percent slopes	Bonilla	20	82	111	133	150	0
				58	86	109	127	1
				45	68	89	107	2
				37	55	74	90	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	47	59	6
CkA	Clarno-Crossplain-Davison complex, 0 to 3 percent slopes	Clarno	50	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
CkA	Clarno-Crossplain-Davison complex, 0 to 3 percent slopes	Crossplain	25	42	59	72	83	0
				35	50	64	75	1
				30	44	57	67	2
				26	39	50	61	3
				23	34	45	55	4
				20	31	41	50	5
				19	28	37	46	6
CkA	Clarno-Crossplain-Davison complex, 0 to 3 percent slopes	Davison	15	76	103	124	140	0
				55	81	102	120	1
				43	65	84	102	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				23	35	46	58	6
CmB	Clarno-Davison loams, 2 to 5 percent slopes	Clarno	55	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
CmB	Clarno-Davison loams, 2 to 5 percent slopes	Davison	30	76	103	124	140	0
				55	81	102	120	1
				43	65	84	102	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
CoB	Clarno-Ethan loams, 2 to 6 percent slopes	Clarno	60	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
CoB	Clarno-Ethan loams, 2 to 6 percent slopes	Ethan	30	45	63	78	89	0
				37	53	68	80	1
				31	46	60	72	2
				27	40	53	64	3
				24	36	47	58	4
				21	32	42	52	5
				19	29	38	48	6
CoC	Clarno-Ethan loams, 5 to 9 percent slopes	Clarno	50	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
CoC	Clarno-Ethan loams, 5 to 9 percent slopes	Ethan	40	45	63	78	89	0
				37	53	68	80	1
				31	46	60	72	2
				27	40	53	64	3
				24	36	47	58	4
				21	32	42	52	5
				19	29	38	48	6
Cr	Crossplain clay loam	Crossplain	85	42	59	72	83	0
				35	50	64	75	1
				30	44	57	67	2
				26	39	50	61	3
				23	34	45	55	4
				20	31	41	50	5
				19	28	37	46	6
DaA	Davis loam, 0 to 2 percent slopes	Davis	90	87	118	141	159	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
DaB	Davis loam, 2 to 6 percent slopes	Davis	90	87	118	141	158	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
DbA	Davis loam, sandy substratum, 0 to 2 percent slopes	Davis	85	360	466	542	600	0
				129	193	257	321	1
				78	117	157	196	2
				56	84	113	141	3
				44	66	88	110	4
				36	54	72	90	5
				31	46	61	76	6
DeA	Delmont-Enet loams, 0 to 2 percent slopes	Delmont	60	473	610	707	781	0
				141	211	281	351	1
				83	124	165	206	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
DeA	Delmont-Enet loams, 0 to 2 percent slopes	Enet	30	507	653	758	836	0
				143	215	287	359	1
				84	125	167	209	2
				59	88	118	147	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
DeB	Delmont-Enet loams, 2 to 6 percent slopes	Delmont	50	473	610	707	781	0
				141	211	281	351	1
				83	124	165	206	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
DeB	Delmont-Enet loams, 2 to 6 percent slopes	Enet	40	494	636	738	815	0
				142	214	285	356	1
				83	125	166	208	2
				59	88	117	147	3
				45	68	91	114	4
				37	56	74	93	5
				31	47	62	78	6
DgB	Dempster-Graceville silty clay loams, 1 to 5 percent slopes	Dempster	65	183	241	283	315	0
				96	143	189	226	1
				65	97	129	162	2
				49	73	98	122	3
				39	59	79	98	4
				33	49	66	82	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				28	42	56	70	6
DgB	Dempster-Graceville silty clay loams, 1 to 5 percent slopes	Graceville	25	182	239	281	313	0
				95	143	189	225	1
				65	97	129	161	2
				49	73	98	122	3
				39	59	78	98	4
				33	49	66	82	5
				28	42	56	70	6
Do	Dimo clay loam	Dimo	85	239	313	366	406	0
				109	163	218	265	1
				71	106	141	176	2
				52	78	104	130	3
				41	62	83	103	4
				34	51	69	86	5
				29	44	59	73	6
EeA	Egan-Ethan complex, 0 to 2 percent slopes	Egan	70	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
EeA	Egan-Ethan complex, 0 to 2 percent slopes	Ethan	20	45	63	78	89	0
				37	53	68	80	1
				31	46	60	72	2
				27	40	53	64	3
				24	36	47	58	4
				21	32	42	52	5
				19	29	38	48	6
EeB	Egan-Ethan complex, 2 to 6 percent slopes	Egan	60	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
EeB	Egan-Ethan complex, 2 to 6 percent slopes	Ethan	30	45	63	78	89	0
				37	53	68	80	1
				31	46	60	72	2
				27	40	53	64	3
				24	36	47	58	4
				21	32	42	52	5
				19	29	38	48	6
EfA	Egan-Trent silty clay loams, 0 to 2 percent slopes	Egan	65	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
EfA	Egan-Trent silty clay loams, 0 to 2 percent slopes	Trent	25	77	105	126	142	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
EgB	Egan-Wentworth silty clay loams, 2 to 6 percent slopes	Egan	60	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
EgB	Egan-Wentworth silty clay loams, 2 to 6 percent slopes	Wentworth	30	61	85	102	116	0
				47	69	87	102	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
EnA	Enet loam, 0 to 2 percent slopes	Enet	90	484	624	724	800	0
				142	212	283	354	1
				83	124	166	207	2
				59	88	117	146	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
EsD	Ethan-Betts loams, 6 to 15 percent slopes	Ethan	55	45	63	78	89	0
				37	53	68	80	1
				31	46	60	72	2
				27	40	53	64	3
				24	36	47	58	4
				21	32	42	52	5
				19	29	38	48	6
EsD	Ethan-Betts loams, 6 to 15 percent slopes	Betts	35	53	74	90	103	0
				42	61	78	91	1
				35	52	67	80	2
				30	44	58	71	3
				26	39	51	63	4
				23	34	46	57	5
				20	31	41	51	6
EtB	Ethan-Egan complex, 2 to 6 percent slopes	Ethan	55	45	63	78	89	0
				37	53	68	80	1
				31	46	60	72	2
				27	40	53	64	3
				24	36	47	58	4
				21	32	42	52	5
				19	29	38	48	6
EtB	Ethan-Egan complex, 2 to 6 percent slopes	Egan	35	56	78	94	107	0
				44	64	81	95	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
EtC	Ethan-Egan complex, 5 to 9 percent slopes	Ethan	55	45	63	78	89	0
				37	53	68	80	1
				31	46	60	72	2
				27	40	53	64	3
				24	36	47	58	4
				21	32	42	52	5
				19	29	38	48	6
EtC	Ethan-Egan complex, 5 to 9 percent slopes	Egan	35	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
HuA	Huntimer silty clay loam, 0 to 2 percent slopes	Huntimer	90	75	103	124	140	0
				55	80	102	120	1
				43	64	84	102	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
La	Lamo silty clay loam	Lamo	85	61	85	103	117	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
Ro	Roxbury silt loam	Roxbury	90	71	97	117	132	0
				52	77	98	114	1
				42	62	81	98	2
				34	52	69	84	3
				29	44	59	73	4
				26	38	51	64	5
				23	34	45	57	6
Rv	Roxbury variant silt loam	Roxbury	90	87	118	141	159	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
Sa	Salmo silty clay loam	Salmo	85	67	93	112	126	0
				50	74	94	110	1
				40	60	78	95	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				22	33	45	56	6
Te	Tetonka silt loam	Tetonka	85	86	117	139	157	0
				60	89	113	132	1
				46	69	91	110	2
				38	56	75	93	3
				32	47	63	79	4
				27	41	55	68	5
				24	36	48	60	6
WaA	Wakonda-Wentworth-Chancellor silty clay loams, 0 to 3 percent slopes	Wakonda	40	61	84	102	116	0
				47	68	86	102	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
WaA	Wakonda-Wentworth-Chancellor silty clay loams, 0 to 3 percent slopes	Wentworth	30	60	83	100	114	0
				46	67	85	100	1
				38	56	73	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
WaA	Wakonda-Wentworth-Chancellor silty clay loams, 0 to 3 percent slopes	Chancellor	20	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
WcA	Wentworth-Chancellor-Wakonda silty clay loams, 0 to 2 percent slopes	Wentworth	50	60	83	100	114	0
				46	67	85	100	1
				38	56	73	87	2
				32	47	63	76	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
WcA	Wentworth-Chancellor-Wakonda silty clay loams, 0 to 2 percent slopes	Chancellor	25	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
WcA	Wentworth-Chancellor-Wakonda silty clay loams, 0 to 2 percent slopes	Wakonda	15	61	84	102	116	0
				47	68	86	102	1
				38	57	73	88	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
Wo	Worthing silty clay loam	Worthing	90	59	81	98	112	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				46	66	84	98	1
				37	56	72	86	2
				31	47	62	75	3
				27	41	54	66	4
				24	36	48	60	5
				21	32	43	53	6

South Dakota Lateral Effect Tables for Union County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Ab	Albaton silt loam, overwash	Albaton	90	40	57	70	80	0
				33	49	62	73	1
				29	43	55	66	2
				25	38	49	60	3
				22	33	44	54	4
				20	30	40	49	5
				18	27	36	45	6
Ac	Albaton silty clay	Albaton	100	40	57	70	80	0
				33	49	62	73	1
				29	43	55	66	2
				25	38	49	60	3
				22	33	44	54	4
				20	30	40	49	5
				18	27	36	45	6
Ad	Albaton silty clay, depressional	Albaton	100	57	80	96	110	0
				44	65	83	96	1
				36	54	71	85	2
				31	46	61	75	3
				27	40	53	66	4
				24	35	47	59	5
				21	32	42	53	6
Ae	Alcester silt loam, 2 to 6 percent slopes	Alcester	85	91	124	148	166	0
				63	93	118	139	1
				48	71	95	114	2
				38	58	77	95	3
				32	48	65	81	4
				28	42	56	69	5
				24	37	49	61	6
Bd	Benclare silty clay loam, somewhat poorly drained	Benclare	90	69	94	114	129	0
				51	75	95	112	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
Be	Benclare soils, overwash	Benclare	90	69	94	114	129	0
				51	75	95	112	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
Bf	Blencoe silty clay	Blencoe	90	61	85	102	116	0
				47	69	87	102	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
Bg	Blyburg silt loam	Blyburg	90	123	164	194	218	0
				76	114	145	172	1
				55	83	110	135	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				43	65	86	108	3
				36	53	71	89	4
				30	45	60	75	5
				26	39	52	66	6
Ca	Calco silty clay loam, wet	Calco	85	77	105	125	142	0
				56	82	104	121	1
				44	65	85	103	2
				36	54	71	88	3
				30	45	61	76	4
				26	39	53	66	5
				23	35	47	58	6
CbE2	Crofton silt loam, 12 to 17 percent slopes, eroded	Crofton	80	166	219	258	288	0
				91	136	178	212	1
				62	94	125	156	2
				48	71	95	119	3
				38	58	77	96	4
				32	48	64	81	5
				28	42	56	69	6
CbF	Crofton silt loam, 17 to 30 percent slopes	Crofton	85	166	219	258	288	0
				91	136	178	212	1
				62	94	125	156	2
				48	71	95	119	3
				38	58	77	96	4
				32	48	64	81	5
				28	42	56	69	6
CnB	Crofton-Nora silt loams, 2 to 6 percent slopes	Crofton	55	166	219	258	288	0
				91	136	178	212	1
				62	94	125	156	2
				48	71	95	119	3
				38	58	77	96	4
				32	48	64	81	5
				28	42	56	69	6
CnB	Crofton-Nora silt loams, 2 to 6 percent slopes	Nora	35	87	119	142	160	0
				61	90	114	134	1
				47	70	92	112	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
CnD2	Crofton-Nora silt loams, 6 to 12 percent slopes, eroded	Crofton	55	166	219	258	288	0
				91	136	178	212	1
				62	94	125	156	2
				48	71	95	119	3
				38	58	77	96	4
				32	48	64	81	5
				28	42	56	69	6
CnD2	Crofton-Nora silt loams, 6 to 12 percent slopes, eroded	Nora	25	87	119	142	160	0
				61	90	114	134	1
				47	70	92	112	2
				38	57	75	93	3
				32	48	64	79	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				27	41	55	69	5
				24	36	48	60	6
Da	Davis loam	Davis	90	84	114	137	154	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
De	Dempster silty clay loam	Dempster	90	464	598	694	767	0
				140	210	280	349	1
				82	123	165	206	2
				58	87	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
EaB	Egan-Shindler complex, 2 to 6 percent slopes	Egan	55	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
EaB	Egan-Shindler complex, 2 to 6 percent slopes	Shindler	35	36	52	64	74	0
				31	45	57	67	1
				26	39	52	61	2
				23	35	46	56	3
				21	31	41	51	4
				19	28	38	47	5
				17	26	35	43	6
EaC	Egan-Shindler complex, 6 to 9 percent slopes	Egan	50	56	78	94	107	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
EaC	Egan-Shindler complex, 6 to 9 percent slopes	Shindler	40	36	52	64	74	0
				31	45	57	67	1
				26	39	52	61	2
				23	35	46	56	3
				21	31	41	51	4
				19	28	38	47	5
				17	26	35	43	6
EmA	Enet loam, 0 to 2 percent slopes	Enet	95	192	252	296	329	0
				98	147	195	233	1
				66	99	132	164	2
				49	74	99	124	3
				40	60	79	99	4
				33	50	66	83	5
				28	43	57	71	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
EnB	Enet and dempster complex, 2 to 6 percent slopes	Enet	50	464	598	694	767	0
				140	210	280	349	1
				82	123	165	206	2
				58	87	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
EnB	Enet and dempster complex, 2 to 6 percent slopes	Dempster	50	192	252	296	329	0
				98	147	195	233	1
				66	99	132	164	2
				49	74	99	124	3
				40	60	79	99	4
				33	50	66	83	5
				28	43	57	71	6
Fa	Chaska loam	Chaska	97	62	85	103	117	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
Fb	Norway loamy sand	Norway	99	314	408	476	527	0
				122	183	244	305	1
				76	114	152	190	2
				55	82	110	137	3
				43	65	86	108	4
				35	53	71	89	5
				30	45	60	75	6
Fc	Forney silty clay	Forney	100	40	57	70	81	0
				33	49	62	73	1
				29	43	55	66	2
				25	38	49	60	3
				22	33	44	54	4
				20	30	40	49	5
				18	27	36	45	6
Fe	Forney silt loam, overwash	Forney	90	40	57	70	81	0
				33	49	62	73	1
				29	43	55	66	2
				25	38	49	60	3
				22	33	44	54	4
				20	30	40	49	5
				18	27	36	45	6
Ga	Grable silt loam	Grable	70	475	612	711	785	0
				141	211	281	352	1
				83	124	165	207	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
Gb	Graceville silty clay loam	Graceville	90	278	362	423	469	0
				116	174	233	288	1
				74	110	147	184	2
				54	81	108	134	3
				42	64	85	106	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				35	52	70	87	5
				30	45	60	74	6
Ha	Haynie silt loam	Haynie	80	164	217	255	284	0
				90	135	176	211	1
				62	93	124	155	2
				47	71	95	118	3
				38	57	77	96	4
				32	48	64	80	5
				28	42	55	69	6
Hb	Haynie silty clay loam	Haynie	90	129	173	204	228	0
				78	118	151	179	1
				56	84	113	139	2
				44	66	88	110	3
				36	54	72	90	4
				31	46	61	76	5
				26	40	53	66	6
Ja	James silty clay	James	90	55	76	93	106	0
				43	63	79	94	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
Ka	Kennebec silty clay loam	Kennebec	80	76	104	125	141	0
				55	81	103	121	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6
La	Lakeport silty clay loam	Lakeport	90	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
Lb	Lamo silty clay loam	Lamo	90	62	86	104	118	0
				47	69	88	103	1
				38	57	74	90	2
				32	48	64	78	3
				28	42	55	68	4
				24	36	49	61	5
				22	33	43	54	6
Ld	Luton silty clay	Luton	90	45	63	77	89	0
				37	53	68	79	1
				31	46	60	71	2
				27	40	53	64	3
				24	36	47	58	4
				21	32	42	52	5
				19	29	38	48	6
Ma	McPaul silt loam	McPaul	85	129	172	204	228	0
				78	118	150	179	1
				56	84	113	139	2
				44	66	88	110	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				36	54	72	90	4
				31	46	61	76	5
				26	40	53	66	6
Mb	Modale silt loam	Modale	90	101	136	162	182	0
				67	101	127	149	1
				50	75	100	121	2
				40	60	80	100	3
				33	50	67	84	4
				29	43	57	72	5
				25	38	50	63	6
McA	Moody silty clay loam, 0 to 2 percent slopes	Moody	90	83	114	136	153	0
				59	87	111	130	1
				45	68	90	109	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
McB	Moody silty clay loam, 2 to 6 percent slopes	Moody	90	83	114	136	153	0
				59	87	111	130	1
				45	68	90	109	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
MdC	Moody-Nora silty clay loams, 6 to 10 percent slopes	Moody	50	83	114	136	153	0
				59	87	111	130	1
				45	68	90	109	2
				37	55	74	91	3
				31	47	62	78	4
				27	40	54	67	5
				24	36	48	59	6
MdC	Moody-Nora silty clay loams, 6 to 10 percent slopes	Nora	35	79	108	129	145	0
				57	84	106	124	1
				44	66	87	105	2
				36	54	72	89	3
				31	46	61	77	4
				27	40	53	66	5
				23	35	47	59	6
NeF	Nora-Crofton silt loams, 20 to 50 percent slopes	Nora	50	87	119	142	160	0
				61	90	114	134	1
				47	70	92	112	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
NeF	Nora-Crofton silt loams, 20 to 50 percent slopes	Crofton	40	166	219	258	288	0
				91	136	178	212	1
				62	94	125	156	2
				48	71	95	119	3
				38	58	77	96	4
				32	48	64	81	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				28	42	56	69	6
Oa	Omadi silt loam	Omadi	90	129	172	204	228	0
				78	118	150	179	1
				56	84	113	139	2
				44	66	88	110	3
				36	54	72	90	4
				31	46	61	76	5
				26	40	53	66	6
Ob	Onawa silty clay	Onawa	80	61	85	103	117	0
				47	69	87	103	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
Pa	Percival silty clay	Percival	80	360	466	543	600	0
				129	193	257	321	1
				78	117	157	196	2
				56	84	113	141	3
				44	66	88	110	4
				36	54	72	90	5
				31	46	61	76	6
Sa	Salix silty clay loam	Salix	90	81	111	133	150	0
				58	85	108	127	1
				45	67	88	107	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
Sb	Salmo silty clay loam, somewhat poorly drained	Salmo	90	67	92	111	126	0
				50	74	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
ScB	Sardak loamy fine sand, 3 to 9 percent slopes	Sardak	90	324	421	490	542	0
				124	185	247	309	1
				76	115	153	191	2
				55	83	111	138	3
				43	65	87	108	4
				36	53	71	89	5
				30	45	60	76	6
SdA	Scroll silty clay, 0 to 1 percent slopes	Scroll	90	258	336	393	436	0
				113	169	225	276	1
				72	108	144	180	2
				53	79	106	132	3
				42	63	84	105	4
				35	52	69	87	5
				30	44	59	74	6
SeA	Sardak soils, 0 to 3 percent slopes	Sardak	90	324	421	490	542	0
				124	185	247	309	1
				76	115	153	191	2
				55	83	111	138	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				43	65	87	108	4
				36	53	71	89	5
				30	45	60	76	6
ShD	Shindler clay loam, 9 to 15 percent slopes	Shindler	85	36	52	64	74	0
				31	45	57	67	1
				26	39	52	61	2
				23	35	46	56	3
				21	31	41	51	4
				19	28	38	47	5
				17	26	35	43	6
ShE	Shindler clay loam, 15 to 30 percent slopes	Shindler	85	36	52	64	74	0
				31	45	57	67	1
				26	39	52	61	2
				23	35	46	56	3
				21	31	41	51	4
				19	28	38	47	5
				17	26	35	43	6
St	Storla loam	Storla	90	309	401	467	518	0
				121	182	243	304	1
				76	113	151	189	2
				55	82	110	137	3
				43	65	86	108	4
				35	53	71	89	5
				30	45	60	75	6
TaB	Thurman fine sandy loam, 3 to 9 percent slopes	Thurman	85	108	144	172	193	0
				70	105	132	156	1
				52	78	104	126	2
				41	62	82	103	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	64	6
Wa	Wakonda-Worthing-Chancellor complex	Wakonda	45	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
Wa	Wakonda-Worthing-Chancellor complex	Worthing	30	59	82	100	113	0
				46	67	85	100	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
Wa	Wakonda-Worthing-Chancellor complex	Chancellor	20	65	90	108	123	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5
				22	33	44	55	6
WbA	Wentworth silty clay loam, 0 to 2 percent slopes	Wentworth	90	84	114	136	153	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
WbB	Wentworth silty clay loam, 2 to 6 percent slopes	Wentworth	90	84	114	136	153	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
Wc	Wentworth-Worthing silty clay loams	Wentworth	40	84	114	136	153	0
				59	88	111	130	1
				46	68	90	109	2
				37	56	74	92	3
				31	47	63	78	4
				27	41	54	68	5
				24	36	48	60	6
Wc	Wentworth-Worthing silty clay loams	Worthing	30	59	82	100	113	0
				46	67	85	100	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
Wh	Whitewood silty clay loam	Whitewood	85	74	101	121	137	0
				54	80	101	118	1
				43	64	83	101	2
				35	53	70	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	34	46	57	6
Wo	Worthing silty clay loam	Worthing	90	59	82	100	113	0
				46	67	85	100	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
Ws	Worthing-Chancellor silty clay loams	Worthing	55	59	82	100	113	0
				46	67	85	100	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
Ws	Worthing-Chancellor silty clay loams	Chancellor	30	65	90	108	123	0
				49	72	92	107	1
				39	59	77	93	2
				33	49	66	80	3
				28	42	57	70	4
				25	37	50	62	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				22	33	44	55	6

South Dakota Lateral Effect Tables for Walworth

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
AgA	Agar silt loam, 0 to 2 percent slopes	Agar	85	116	155	184	206	0
				73	110	140	165	1
				54	81	107	131	2
				42	63	85	106	3
				35	52	70	87	4
				30	45	59	74	5
				26	39	52	65	6
AgB	Agar silt loam, 2 to 6 percent slopes	Agar	85	116	155	184	206	0
				73	110	140	165	1
				54	81	107	131	2
				42	63	85	106	3
				35	52	70	87	4
				30	45	59	74	5
				26	39	52	65	6
AgC	Agar silt loam, 6 to 9 percent slopes	Agar	85	116	155	184	206	0
				73	110	140	165	1
				54	81	107	131	2
				42	63	85	106	3
				35	52	70	87	4
				30	45	59	74	5
				26	39	52	65	6
AkA	Akaska silt loam, 0 to 2 percent slopes	Akaska	90	510	657	762	841	0
				144	216	287	359	1
				84	125	167	209	2
				59	88	118	147	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
AkB	Akaska silt loam, 2 to 6 percent slopes	Akaska	85	510	657	762	841	0
				144	216	287	359	1
				84	125	167	209	2
				59	88	118	147	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
Ao	Aquolls	Aquolls	95	76	104	125	141	0
				55	81	103	120	1
				43	65	85	103	2
				36	53	71	87	3
				30	45	60	75	4
				26	39	52	66	5
				23	35	46	58	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Ar	Arveson sandy loam, wet	Arveson	85	277	361	421	467	0
				116	174	232	288	1
				73	110	147	184	2
				54	81	107	134	3
				42	64	85	106	4
				35	52	70	87	5
				30	45	60	74	6
Bn	Bon loam	Bon	90	102	138	164	184	0
				68	102	128	151	1
				51	76	101	122	2
				40	61	81	101	3
				34	50	67	84	4
				29	43	58	72	5
				25	38	50	63	6
BoA	Bowbells loam, 0 to 3 percent slopes	Bowbells	85	64	88	106	120	0
				48	71	90	105	1
				39	58	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	61	5
				22	33	44	55	6
BwA	Bowdle loam, 0 to 2 percent slopes	Bowdle	90	476	614	712	786	0
				141	211	282	352	1
				83	124	165	207	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
BwB	Bowdle loam, 2 to 6 percent slopes	Bowdle	90	476	614	712	786	0
				141	211	282	352	1
				83	124	165	207	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
BxB	Bowdle-Wabek loams, 2 to 6 percent slopes	Bowdle	55	476	614	712	786	0
				141	211	282	352	1
				83	124	165	207	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
BxB	Bowdle-Wabek loams, 2 to 6 percent slopes	Wabek	35	483	622	722	797	0
				141	212	283	354	1
				83	124	166	207	2
				59	88	117	146	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
BxC	Bowdle-Wabek loams, 6 to 9 percent slopes	Bowdle	50	476	614	712	786	0
				141	211	282	352	1
				83	124	165	207	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
BxC	Bowdle-Wabek loams, 6 to 9 percent slopes	Wabek	40	483	622	722	797	0
				141	212	283	354	1
				83	124	166	207	2
				59	88	117	146	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
BxD	Bowdle-Wabek loams, 9 to 15 percent slopes	Bowdle	50	476	614	712	786	0
				141	211	282	352	1
				83	124	165	207	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
BxD	Bowdle-Wabek loams, 9 to 15 percent slopes	Wabek	40	483	622	722	797	0
				141	212	283	354	1
				83	124	166	207	2
				59	88	117	146	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
Co	Colvin silt loam	Colvin	90	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
DeA	Demky loam, 0 to 2 percent slopes	Demky	85	59	82	100	113	0
				46	67	85	100	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
DeB	Demky loam, 2 to 6 percent slopes	Demky	85	59	82	100	113	0
				46	67	85	100	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
DgA	slopes	Demky	50	59	82	100	113	0
				46	67	85	100	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
DgA	slopes	Jerauld	30	52	73	89	101	0
				42	61	77	90	1
				34	52	66	80	2
				29	44	58	71	3
				26	38	51	63	4
				23	34	45	56	5
				20	31	41	51	6
Dm	Divide loam	Divide	85	514	661	767	847	0
				144	216	288	360	1
				84	126	167	209	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
Du	Durrstein silt loam	Durrstein	85	55	77	93	106	0
				43	63	80	94	1
				36	53	69	82	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Eg	Egas silty clay loam	Egas	90	76	103	124	140	0
				55	81	103	120	1
				43	65	84	102	2
				35	53	71	87	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
GeE	Gettys clay loam, 9 to 40 percent slopes	Gettys	85	39	56	68	79	0
				33	48	61	71	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	53	4
				20	30	39	49	5
				18	27	36	44	6
Gp	Gravel pits	Orthents	99	553	711	824	910	0
				147	220	294	367	1
				85	127	169	212	2
				59	89	119	149	3
				46	69	92	115	4
				37	56	75	93	5
				31	47	63	79	6
HeA	Hecla loamy sand, 0 to 3 percent slopes	Hecla	90	111	150	177	199	0
				72	107	136	161	1
				53	79	105	128	2
				42	63	83	104	3
				35	52	69	86	4
				29	44	59	74	5
				26	38	51	64	6
HhA	Highmore silt loam, 0 to 2 percent slopes	Highmore	85	97	131	156	176	0
				65	98	123	145	1
				49	74	98	119	2
				40	59	79	99	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
HhB	Highmore silt loam, 2 to 6 percent slopes	Highmore	85	97	131	156	176	0
				65	98	123	145	1
				49	74	98	119	2
				40	59	79	99	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
HhC	Highmore silt loam, 6 to 9 percent slopes	Highmore	85	97	131	156	176	0
				65	98	123	145	1
				49	74	98	119	2
				40	59	79	99	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
HkA	slopes	Highmore	50	97	131	156	176	0
				65	98	123	145	1
				49	74	98	119	2
				40	59	79	99	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
HkA	slopes	Eakin	30	85	116	138	156	0
				60	89	112	131	1
				46	69	91	110	2
				37	56	75	92	3
				32	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
HkB	slopes	Highmore	50	97	131	156	176	0
				65	98	123	145	1
				49	74	98	119	2
				40	59	79	99	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
HkB	slopes	Eakin	30	85	116	138	156	0
				60	89	112	131	1
				46	69	91	110	2
				37	56	75	92	3
				32	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
HkC	slopes	Highmore	45	97	131	156	176	0
				65	98	123	145	1
				49	74	98	119	2
				40	59	79	99	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
HkC	slopes	Eakin	35	85	116	138	156	0
				60	89	112	131	1
				46	69	91	110	2
				37	56	75	92	3
				32	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
HmB	slopes	Highmore	55	97	131	156	176	0
				65	98	123	145	1
				49	74	98	119	2
				40	59	79	99	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
HmB	slopes	Raber	25	41	58	72	82	0
				34	50	63	74	1
				29	43	56	67	2
				25	38	50	61	3
				23	34	45	55	4
				20	30	41	50	5
				18	28	37	46	6
HmC	slopes	Highmore	55	97	131	156	176	0
				65	98	123	145	1
				49	74	98	119	2
				40	59	79	99	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
HmC	slopes	Raber	30	41	58	72	82	0
				34	50	63	74	1
				29	43	56	67	2
				25	38	50	61	3
				23	34	45	55	4
				20	30	41	50	5
				18	28	37	46	6
Ho	Hoven silt loam	Hoven	95	79	107	128	145	0
				56	83	106	123	1
				44	66	86	105	2
				36	54	72	88	3
				31	46	61	76	4
				27	40	53	66	5
				23	35	47	59	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Je	Jerauld silt loam	Jerauld	90	52	73	89	101	0
				42	61	77	90	1
				34	52	66	80	2
				29	44	58	71	3
				26	38	51	63	4
				23	34	45	56	5
				20	31	41	51	6
Js	Jerauld-Slickspots complex	Jerauld	55	52	73	89	101	0
				42	61	77	90	1
				34	52	66	80	2
				29	44	58	71	3
				26	38	51	63	4
				23	34	45	56	5
				20	31	41	51	6
Js	Jerauld-Slickspots complex	Slickspots	40	80	109	131	148	0
				57	85	107	125	1
				44	67	87	106	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
LaA	Lehr loam, 0 to 2 percent slopes	Lehr	90	520	670	777	858	0
				144	217	289	361	1
				84	126	168	210	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
LaB	Lehr loam, 2 to 6 percent slopes	Lehr	90	520	670	777	858	0
				144	217	289	361	1
				84	126	168	210	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
LbB	Lehr-Bowdle loams, 2 to 9 percent slopes	Lehr	60	520	670	777	858	0
				144	217	289	361	1
				84	126	168	210	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
LbB	Lehr-Bowdle loams, 2 to 9 percent slopes	Bowdle	30	476	614	712	786	0
				141	211	282	352	1
				83	124	165	207	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
LoA	Lowry silt loam, 0 to 2 percent slopes	Lowry	90	189	249	292	325	0
				97	146	193	231	1
				65	98	131	164	2
				49	74	99	123	3
				40	59	79	99	4
				33	50	66	83	5
				28	43	57	71	6
LoB	Lowry silt loam, 2 to 6 percent slopes	Lowry	90	189	249	292	325	0
				97	146	193	231	1
				65	98	131	164	2
				49	74	99	123	3
				40	59	79	99	4
				33	50	66	83	5
				28	43	57	71	6
LoC	Lowry silt loam, 6 to 9 percent slopes	Lowry	85	189	249	292	325	0
				97	146	193	231	1
				65	98	131	164	2
				49	74	99	123	3
				40	59	79	99	4
				33	50	66	83	5
				28	43	57	71	6
Ma	Macken silty clay	Macken	85	72	99	119	135	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
MdB	slopes	Maddock	90	284	369	430	477	0
				117	176	235	291	1
				74	111	148	185	2
				54	81	108	135	3
				43	64	85	106	4
				35	53	70	88	5
				30	45	60	75	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
MdC	slopes	Maddock	90	284	369	430	477	0
				117	176	235	291	1
				74	111	148	185	2
				54	81	108	135	3
				43	64	85	106	4
				35	53	70	88	5
				30	45	60	75	6
Mo	Mobridge silt loam	Mobridge	85	120	160	189	212	0
				75	112	143	169	1
				54	82	109	133	2
				43	64	86	107	3
				35	53	71	88	4
				30	45	60	75	5
				26	39	52	65	6
Pa	Parnell clay loam, wet	Parnell	95	87	118	141	159	0
				61	90	114	134	1
				47	70	92	111	2
				38	57	76	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
PrA	slopes	Parshall	95	176	232	273	304	0
				94	140	185	221	1
				64	96	128	159	2
				48	73	97	121	3
				39	58	78	97	4
				33	49	65	81	5
				28	42	56	70	6
PrB	slopes	Parshall	95	176	232	273	304	0
				94	140	185	221	1
				64	96	128	159	2
				48	73	97	121	3
				39	58	78	97	4
				33	49	65	81	5
				28	42	56	70	6
PsA	Promise clay, 0 to 2 percent slopes	Promise	90	87	119	142	160	0
				61	90	114	134	1
				47	70	92	111	2
				38	57	76	94	3
				32	48	64	80	4
				27	41	55	69	5
				24	36	48	60	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
PsB	Promise clay, 2 to 6 percent slopes	Promise	90	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
RaB	Raber loam, 2 to 6 percent slopes	Raber	90	41	58	72	82	0
				34	50	63	74	1
				29	43	56	67	2
				25	38	50	61	3
				23	34	45	55	4
				20	30	41	50	5
				18	28	37	46	6
RaC	Raber loam, 6 to 9 percent slopes	Raber	90	41	58	72	82	0
				34	50	63	74	1
				29	43	56	67	2
				25	38	50	61	3
				23	34	45	55	4
				20	30	41	50	5
				18	28	37	46	6
RbD	Raber-Gettys complex, 6 to 15 percent slopes	Raber	60	41	58	72	82	0
				34	50	63	74	1
				29	43	56	67	2
				25	38	50	61	3
				23	34	45	55	4
				20	30	41	50	5
				18	28	37	46	6
RbD	Raber-Gettys complex, 6 to 15 percent slopes	Gettys	35	39	56	68	79	0
				33	48	61	71	1
				28	42	54	65	2
				25	37	48	59	3
				22	33	43	53	4
				20	30	39	49	5
				18	27	36	44	6
Re	Regan silt loam	Regan	95	104	140	167	187	0
				69	103	130	153	1
				51	77	102	123	2
				41	61	81	102	3
				34	51	68	84	4
				29	43	58	72	5
				25	38	51	63	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
SuC	Sully silt loam, 2 to 9 percent slopes	Sully	90	131	174	206	230	0
				79	119	152	180	1
				57	85	113	140	2
				44	66	88	110	3
				36	54	72	90	4
				31	46	61	77	5
				27	40	53	66	6
SuD	Sully silt loam, 9 to 15 percent slopes	Sully	85	131	174	206	230	0
				79	119	152	180	1
				57	85	113	140	2
				44	66	88	110	3
				36	54	72	90	4
				31	46	61	77	5
				27	40	53	66	6
SuE	Sully silt loam, 15 to 40 percent slopes	Sully	85	131	174	206	230	0
				79	119	152	180	1
				57	85	113	140	2
				44	66	88	110	3
				36	54	72	90	4
				31	46	61	77	5
				27	40	53	66	6
SwA	Bullcreek clay, 0 to 6 percent slopes	Bullcreek	90	58	81	98	111	0
				45	66	83	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
TaA	Tally fine sandy loam, 0 to 2 percent slopes	Tally	85	94	128	152	171	0
				64	96	121	142	1
				49	73	97	117	2
				39	59	78	97	3
				33	49	65	82	4
				28	42	56	70	5
				25	37	49	62	6
TaB	Tally fine sandy loam, 2 to 6 percent slopes	Tally	85	94	128	152	171	0
				64	96	121	142	1
				49	73	97	117	2
				39	59	78	97	3
				33	49	65	82	4
				28	42	56	70	5
				25	37	49	62	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
TaC	Tally fine sandy loam, 6 to 9 percent slopes	Tally	85	94	128	152	171	0
				64	96	121	142	1
				49	73	97	117	2
				39	59	78	97	3
				33	49	65	82	4
				28	42	56	70	5
				25	37	49	62	6
Te	Tetonka silt loam	Tetonka	95	89	120	144	162	0
				61	91	115	135	1
				47	71	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	61	6
Us	Wendte clay loam, channeled	Wendte	85	79	107	129	145	0
				56	83	106	124	1
				44	66	86	105	2
				36	54	72	89	3
				31	46	61	76	4
				27	40	53	66	5
				23	35	47	59	6
VdD	Vida stony loam, 3 to 15 percent slopes	Vida	85	67	92	110	125	0
				50	73	93	109	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	37	50	62	5
				22	33	44	56	6
VzD	Vida-Zahl loams, 6 to 15 percent slopes	Vida	55	44	62	76	87	0
				36	53	67	78	1
				31	46	59	70	2
				26	40	52	63	3
				23	35	46	57	4
				21	31	42	52	5
				19	28	38	47	6
VzD	Vida-Zahl loams, 6 to 15 percent slopes	Zahl	30	61	84	102	116	0
				47	68	87	102	1
				38	57	73	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
WaE	Wabek loam, 9 to 40 percent slopes	Wabek	85	483	622	722	797	0
				141	212	283	354	1
				83	124	166	207	2
				59	88	117	146	3
				45	68	91	113	4
				37	55	74	92	5
				31	47	62	78	6
WbA	slopes	Williams	50	58	80	97	110	0
				45	65	83	97	1
				37	55	71	85	2
				31	46	61	75	3
				27	40	54	66	4
				24	35	47	59	5
				21	32	42	53	6
WbA	slopes	Bowbells	40	29	88	106	120	0
				25	55	90	105	1
				22	40	67	91	2
				20	32	53	74	3
				18	28	44	61	4
				17	25	37	52	5
				16	23	32	45	6
WbB	slopes	Williams	55	29	80	97	110	0
				25	53	83	97	1
				22	40	65	85	2
				20	32	52	72	3
				18	28	43	60	4
				17	25	37	51	5
				16	23	32	45	6
WbB	slopes	Bowbells	35	29	88	106	120	0
				25	55	90	105	1
				22	40	67	91	2
				20	32	53	74	3
				18	28	44	61	4
				17	25	37	52	5
				16	23	32	45	6
WdC	Williams-Vida loams, 6 to 9 percent slopes	Williams	55	58	80	97	110	0
				45	65	83	97	1
				37	55	71	85	2
				31	46	61	75	3
				27	40	54	66	4
				24	35	47	59	5
				21	32	42	53	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
WdC	Williams-Vida loams, 6 to 9 percent slopes	Vida	35	44	62	76	87	0
				36	53	67	78	1
				31	46	59	70	2
				26	40	52	63	3
				23	35	46	57	4
				21	31	42	52	5
				19	28	38	47	6
YeB	slopes	Yecross	90	102	137	163	183	0
				67	101	127	150	1
				50	76	101	122	2
				40	60	80	101	3
				34	50	67	84	4
				29	43	57	72	5
				25	38	50	63	6
YeC	slopes	Yecross	90	102	137	163	183	0
				67	101	127	150	1
				50	76	101	122	2
				40	60	80	101	3
				34	50	67	84	4
				29	43	57	72	5
				25	38	50	63	6
***NOTE:**	The following soils have a barrier layer less than eight (8) feet and must be calculated using a different method.							
HuB	Hurley silt loam, 2 to 9 percent slopes	Hurley	85	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
OpC	Opal clay, 2 to 9 percent slopes	Opal	90	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
OsD	Opal-Sansarc clays, 6 to 15 percent slopes	Opal	60	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
OsD	Opal-Sansarc clays, 6 to 15 percent slopes	Sansarc	30	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
SaE	Sansarc-Opal clays, 15 to 40 percent slopes	Sansarc	50	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
SaE	Sansarc-Opal clays, 15 to 40 percent slopes	Opal	40	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6

South Dakota Lateral Effect Tables for Yankton County

Note: lateral effect distances calculated using van Schilfgaarde equation, El. Elevation

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Ba	Baltic clay loam	Baltic	85	69	94	113	128	0
				51	75	95	111	1
				41	61	79	96	2
				34	51	68	82	3
				29	43	58	72	4
				25	38	51	63	5
				22	34	45	56	6
Bb	Baltic silty clay	Baltic	85	57	80	97	110	0
				44	65	83	97	1
				36	54	71	85	2
				31	46	61	75	3
				27	40	53	66	4
				24	35	47	59	5
				21	32	42	53	6
Bc	Baltic silty clay, depressional	Baltic	85	57	80	97	110	0
				44	65	83	97	1
				36	54	71	85	2
				31	46	61	75	3
				27	40	53	66	4
				24	35	47	59	5
				21	32	42	53	6
BdE	Betts-Gavins complex, 15 to 40 percent slopes	Betts	50	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
BdE	Betts-Gavins complex, 15 to 40 percent slopes	Gavins	30	barrier	barrier	barrier	barrier	0
				barrier	barrier	barrier	barrier	1
				barrier	barrier	barrier	barrier	2
				barrier	barrier	barrier	barrier	3
				barrier	barrier	barrier	barrier	4
				barrier	barrier	barrier	barrier	5
				barrier	barrier	barrier	barrier	6
Be	Blake silty clay loam	Blake	85	116	156	184	207	0
				73	110	140	166	1
				54	81	107	131	2
				42	64	85	106	3
				35	52	70	87	4
				30	45	59	74	5
				26	39	52	65	6
Bf	Blencoe silty clay	Blencoe	85	99	134	160	179	0
				66	99	125	148	1
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
Bg	Blencoe-Gayville complex	Blencoe	50	99	134	160	179	0
				66	99	125	148	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				50	75	99	120	2
				40	60	80	100	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
Bg	Blencoe-Gayville complex	Gayville	35	105	142	168	189	0
				69	103	131	154	1
				51	77	102	124	2
				41	61	82	102	3
				34	51	68	85	4
				29	43	58	72	5
				25	38	51	63	6
BhB	Blendon-Thurman complex, 0 to 6 percent slopes	Blendon	50	260	339	396	440	0
				113	170	226	278	1
				72	108	144	181	2
				53	80	106	133	3
				42	63	84	105	4
				35	52	69	87	5
				30	44	59	74	6
BhB	Blendon-Thurman complex, 0 to 6 percent slopes	Thurman	25	116	155	184	206	0
				73	110	140	165	1
				54	81	107	131	2
				42	64	85	106	3
				35	52	70	87	4
				30	45	59	74	5
				26	39	52	65	6
Bk	Blyburg silt loam	Blyburg	85	126	168	199	223	0
				77	116	148	176	1
				56	84	112	137	2
				44	65	87	109	3
				36	54	72	89	4
				30	46	61	76	5
				26	40	53	66	6
Bm	Bon loam	Bon	90	98	132	157	177	0
				66	99	124	146	1
				49	74	99	119	2
				40	60	79	99	3
				33	50	66	83	4
				28	43	57	71	5
				25	37	50	62	6
BnA	Bonilla-Crossplain complex, 0 to 2 percent slopes	Bonilla	55	80	109	130	147	0
				57	84	107	125	1
				44	67	87	106	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
BnA	Bonilla-Crossplain complex, 0 to 2 percent slopes	Crossplain	30	45	63	78	89	0
				37	53	68	80	1
				31	46	60	72	2
				27	40	53	64	3
				24	36	47	58	4

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				21	32	42	52	5
				19	29	38	48	6
BoE	Boyd-Ethan association, 15 to 40 percent slopes	Boyd	50	31	barrier	barrier	barrier	0
				27	barrier	barrier	barrier	1
				24	barrier	barrier	barrier	2
				21	barrier	barrier	barrier	3
				19	barrier	barrier	barrier	4
				17	barrier	barrier	barrier	5
				16	barrier	barrier	barrier	6
BoE	Boyd-Ethan association, 15 to 40 percent slopes	Ethan	30	42	59	72	83	0
				35	50	64	75	1
				30	44	57	67	2
				26	39	50	61	3
				23	34	45	55	4
				20	31	41	50	5
				19	28	37	46	6
Bp	Baltic silty clay loam, 0 to 2 percent slopes	Baltic	85	75	102	122	138	0
				55	80	102	118	1
				43	64	84	101	2
				35	53	71	86	3
				30	45	60	75	4
				26	39	52	65	5
				23	35	46	58	6
Br	Blyburg-Gayville silt loams, 0 to 2 percent slopes	Blyburg	50	126	168	199	222	0
				77	116	148	176	1
				56	84	112	137	2
				44	65	87	109	3
				36	54	72	89	4
				30	46	61	76	5
				26	40	53	66	6
Br	Blyburg-Gayville silt loams, 0 to 2 percent slopes	Gayville	30	107	144	171	192	0
				70	105	132	156	1
				52	78	103	125	2
				41	62	82	103	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	64	6
Bs	Blencoe silty clay, 0 to 2 percent slopes, clayey substratum	Blencoe	80	54	76	92	105	0
				43	62	79	93	1
				35	53	68	82	2
				30	45	59	72	3
				26	39	52	64	4
				23	34	46	57	5
				21	31	41	52	6
Ca	Chancellor silty clay loam	Chancellor	85	66	91	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
Cb	Clamo silty clay loam	Clamo	85	81	110	132	149	0
				58	85	108	126	1
				45	67	88	106	2
				37	55	73	90	3
				31	46	62	77	4
				27	40	54	67	5
				24	35	47	59	6
Cc	Clamo variant silty clay loam	Clamo	90	101	137	163	183	0
				67	101	127	150	1
				50	75	100	122	2
				40	60	80	100	3
				33	50	67	84	4
				29	43	57	72	5
				25	38	50	63	6
CdA	Clarno loam, 0 to 2 percent slopes	Clarno	85	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
CeB	Clarno-Bonilla loams, 1 to 6 percent slopes	Clarno	60	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
CeB	Clarno-Bonilla loams, 1 to 6 percent slopes	Bonilla	20	80	109	130	147	0
				57	84	107	125	1
				44	67	87	106	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
ChA	Clarno-Crossplain-Stickney complex, 0 to 3 percent slopes	Clarno	50	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
ChA	Clarno-Crossplain-Stickney complex, 0 to 3 percent slopes	Crossplain	20	45	63	78	89	0
				37	53	68	80	1
				31	46	60	72	2
				27	40	53	64	3
				24	36	47	58	4
				21	32	42	52	5
				19	29	38	48	6
ChA	Clarno-Crossplain-Stickney complex, 0 to 3 percent slopes	Stickney	15	59	82	99	113	0
				46	67	85	99	1

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
CkA	Clarno-Crossplain-Tetonka complex, 0 to 3 percent slopes	Clarno	40	56	78	95	108	0
				44	64	81	96	1
				36	54	69	84	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
CkA	Clarno-Crossplain-Tetonka complex, 0 to 3 percent slopes	Crossplain	25	45	63	78	89	0
				37	53	68	80	1
				31	46	60	72	2
				27	40	53	64	3
				24	36	47	58	4
				21	32	42	52	5
				19	29	38	48	6
CkA	Clarno-Crossplain-Tetonka complex, 0 to 3 percent slopes	Tetonka	15	88	119	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
CmE	Crofton-Nora silt loams, 9 to 25 percent slopes	Crofton	50	165	219	257	287	0
				90	136	177	212	1
				62	93	125	156	2
				47	71	95	119	3
				38	58	77	96	4
				32	48	64	80	5
				28	42	55	69	6
CmE	Crofton-Nora silt loams, 9 to 25 percent slopes	Nora	35	88	120	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
CoE	Crofton-Boyd association, 15 to 40 percent slopes	Crofton	50	165	219	257	287	0
				90	136	177	212	1
				62	93	125	156	2
				47	71	95	119	3
				38	58	77	96	4
				32	48	64	80	5
				28	42	55	69	6
CoE	Crofton-Boyd association, 15 to 40 percent slopes	Boyd	35	29	barrier	barrier	barrier	0
				25	barrier	barrier	barrier	1
				22	barrier	barrier	barrier	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				20	barrier	barrier	barrier	3
				18	barrier	barrier	barrier	4
				17	barrier	barrier	barrier	5
				16	barrier	barrier	barrier	6
DaB	Davis silt loam, 2 to 9 percent slopes	Davis	85	91	124	147	166	0
				63	93	118	138	1
				48	71	95	114	2
				38	58	77	95	3
				32	48	65	81	4
				28	42	56	69	5
				24	37	49	61	6
DbB	Davis variant loam, 0 to 6 percent slopes	Davis	85	229	300	351	389	0
				107	160	214	258	1
				70	104	139	174	2
				52	77	103	129	3
				41	62	82	103	4
				34	51	68	85	5
				29	44	58	73	6
DcB	Davis loam, 2 to 6 percent slopes	Davis	85	80	109	131	147	0
				57	84	107	125	1
				44	67	87	106	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
EaB	Egan-Chancellor silty clay loams, 1 to 6 percent slopes	Egan	50	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
EaB	Egan-Chancellor silty clay loams, 1 to 6 percent slopes	Chancellor	25	66	91	109	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
EbB	Egan-Ethan-Trent complex, 1 to 6 percent slopes	Egan	50	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
EbB	Egan-Ethan-Trent complex, 1 to 6 percent slopes	Ethan	20	42	59	72	83	0
				35	50	64	75	1
				30	44	57	67	2
				26	39	50	61	3
				23	34	45	55	4
				20	31	41	50	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				19	28	37	46	6
EbB	Egan-Ethan-Trent complex, 1 to 6 percent slopes	Trent	20	64	88	106	121	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
EbC	Egan-Ethan-Trent complex, 2 to 9 percent slopes	Egan	40	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
EbC	Egan-Ethan-Trent complex, 2 to 9 percent slopes	Ethan	30	42	59	72	83	0
				35	50	64	75	1
				30	44	57	67	2
				26	39	50	61	3
				23	34	45	55	4
				20	31	41	50	5
				19	28	37	46	6
EbC	Egan-Ethan-Trent complex, 2 to 9 percent slopes	Trent	15	64	88	106	121	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
EcA	Egan-Wentworth silty clay loams, 0 to 2 percent slopes	Egan	50	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
EcA	Egan-Wentworth silty clay loams, 0 to 2 percent slopes	Wentworth	35	85	115	138	155	0
				60	88	112	131	1
				46	69	91	109	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
EcB	Egan-Wentworth silty clay loams, 2 to 6 percent slopes	Egan	50	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
EcB	Egan-Wentworth silty clay loams, 2 to 6 percent slopes	Wentworth	40	85	115	138	155	0
				60	88	112	131	1
				46	69	91	109	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
EdA	Egan-Whitewood silty clay loams, 0 to 3 percent slopes	Egan	55	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
EdA	Egan-Whitewood silty clay loams, 0 to 3 percent slopes	Whitewood	30	72	99	119	135	0
				53	78	99	116	1
				42	63	82	99	2
				35	52	69	85	3
				30	44	59	74	4
				26	39	51	64	5
				23	34	46	57	6
EeB	Egan-Clarno-Trent complex, 1 to 6 percent slopes	Egan	45	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
EeB	Egan-Clarno-Trent complex, 1 to 6 percent slopes	Clarno	25	59	82	99	112	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
EeB	Egan-Clarno-Trent complex, 1 to 6 percent slopes	Trent	20	78	106	127	144	0
				56	83	105	122	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
EfA	Egan-Trent silty clay loams, 0 to 2 percent slopes	Egan	50	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
EfA	Egan-Trent silty clay loams, 0 to 2 percent slopes	Trent	35	78	106	127	144	0
				56	83	105	122	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
EfB	Egan-Trent silty clay loams, 1 to 6 percent slopes	Egan	50	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
EfB	Egan-Trent silty clay loams, 1 to 6 percent slopes	Trent	30	78	106	127	144	0
				56	83	105	122	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
EhA	Enet-Delmont loams, 0 to 2 percent slopes	Enet	45	467	602	699	772	0
				140	210	280	350	1
				82	124	165	206	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
EhA	Enet-Delmont loams, 0 to 2 percent slopes	Delmont	35	473	610	707	781	0
				141	211	281	351	1
				83	124	165	206	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
EhB	Enet-Delmont loams, 2 to 6 percent slopes	Enet	45	467	602	699	772	0
				140	210	280	350	1
				82	124	165	206	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
EhB	Enet-Delmont loams, 2 to 6 percent slopes	Delmont	35	473	610	707	781	0
				141	211	281	351	1
				83	124	165	206	2
				58	88	117	146	3
				45	68	90	113	4
				37	55	74	92	5
				31	47	62	78	6
EkD	Ethan stony loam, 3 to 25 percent slopes	Ethan	90	41	59	72	83	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				34	50	64	75	1
				29	43	57	67	2
				25	38	50	61	3
				23	34	45	55	4
				20	30	40	50	5
				18	28	37	46	6
EmE	Ethan-Betts loams, 15 to 40 percent slopes	Ethan	50	42	59	72	83	0
				35	50	64	75	1
				30	44	57	67	2
				26	39	50	61	3
				23	34	45	55	4
				20	31	41	50	5
				19	28	37	46	6
EmE	Ethan-Betts loams, 15 to 40 percent slopes	Betts	30	55	76	92	105	0
				43	63	79	93	1
				35	53	68	82	2
				30	45	60	72	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
EnC	Ethan-Bonilla loams, 3 to 9 percent slopes	Ethan	55	42	59	72	83	0
				35	50	64	75	1
				30	44	57	67	2
				26	39	50	61	3
				23	34	45	55	4
				20	31	41	50	5
				19	28	37	46	6
EnC	Ethan-Bonilla loams, 3 to 9 percent slopes	Bonilla	30	80	109	130	147	0
				57	84	107	125	1
				44	67	87	106	2
				36	55	73	89	3
				31	46	62	77	4
				27	40	53	67	5
				24	35	47	59	6
EoD	Ethan-Davis loams, 9 to 15 percent slopes	Ethan	55	42	59	72	83	0
				35	50	64	75	1
				30	44	57	67	2
				26	39	50	61	3
				23	34	45	55	4
				20	31	41	50	5
				19	28	37	46	6
EoD	Ethan-Davis loams, 9 to 15 percent slopes	Davis	35	78	107	128	145	0
				56	83	105	123	1
				44	66	86	104	2
				36	54	72	88	3
				30	46	61	76	4
				26	40	53	66	5
				23	35	47	58	6
EpD	Ethan-Talmo loams, 6 to 15 percent slopes	Ethan	45	42	59	72	83	0
				35	50	64	75	1
				30	44	57	67	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				26	39	50	61	3
				23	34	45	55	4
				20	31	41	50	5
				19	28	37	46	6
EpD	Ethan-Talmo loams, 6 to 15 percent slopes	Talmo	35	397	513	596	659	0
				133	199	266	332	1
				80	120	160	200	2
				57	86	114	143	3
				44	67	89	111	4
				36	55	73	91	5
				31	46	62	77	6
ErD	Ethan-Clarno loams, 9 to 15 percent slopes	Ethan	60	55	77	94	106	0
				43	63	80	95	1
				35	53	69	83	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
ErD	Ethan-Clarno loams, 9 to 15 percent slopes	Clarno	30	59	82	99	112	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
EsD	Ethan-Bon, channeled, loams, 0 to 20 percent slopes	Ethan	55	55	77	94	106	0
				43	63	80	95	1
				35	53	69	83	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
EsD	Ethan-Bon, channeled, loams, 0 to 20 percent slopes	Bon	25	96	130	155	174	0
				65	97	122	144	1
				49	73	98	118	2
				39	59	79	98	3
				33	49	66	82	4
				28	42	56	71	5
				25	37	49	62	6
EtC	Ethan-Egan complex, 6 to 9 percent slopes	Ethan	50	55	77	94	106	0
				43	63	80	95	1
				35	53	69	83	2
				30	45	60	73	3
				26	39	52	64	4
				23	35	46	58	5
				21	31	42	52	6
EtC	Ethan-Egan complex, 6 to 9 percent slopes	Egan	35	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2
				31	47	62	75	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
Fa	Forney silty clay loam	Forney	85	59	82	99	113	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
Fb	Forney silty clay, 0 to 2 percent slopes	Forney	80	42	59	72	83	0
				35	50	64	75	1
				30	44	57	67	2
				26	39	50	61	3
				23	34	45	55	4
				20	31	41	50	5
				19	28	37	46	6
Ga	Grable silt loam	Grable	85	519	669	775	856	0
				144	217	289	361	1
				84	126	168	210	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
Gb	Graceville silty clay loam	Graceville	85	301	392	457	506	0
				120	180	240	300	1
				75	113	150	188	2
				55	82	109	136	3
				43	64	86	107	4
				35	53	71	88	5
				30	45	60	75	6
Ha	Haynie silt loam	Haynie	85	112	150	178	200	0
				72	108	136	161	1
				53	79	106	128	2
				42	63	84	104	3
				35	52	69	86	4
				29	44	59	74	5
				26	39	51	64	6
Hb	Haynie silty clay loam, overwash	Haynie	85	106	143	170	190	0
				69	104	131	155	1
				51	77	103	125	2
				41	61	82	102	3
				34	51	68	85	4
				29	44	58	73	5
				25	38	51	63	6
Ja	James silty clay loam	James	85	66	91	110	124	0
				50	73	92	108	1
				40	60	77	93	2
				33	50	66	81	3
				28	43	57	71	4
				25	37	50	62	5
				22	33	44	55	6
La	Lakeport silty clay loam	Lakeport	85	58	81	98	111	0
				45	66	84	98	1
				37	55	71	86	2

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				31	47	62	75	3
				27	40	54	66	4
				24	36	47	59	5
				21	32	42	53	6
Lb	Lamo silty clay loam	Lamo	85	68	93	112	127	0
				51	74	94	110	1
				40	61	79	95	2
				34	50	67	82	3
				29	43	58	72	4
				25	38	50	63	5
				22	34	45	56	6
Lc	Luton silty clay	Luton	85	44	62	76	87	0
				36	53	67	78	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
Ld	Luton silty clay, depressional	Luton	85	44	62	76	87	0
				36	53	67	78	1
				31	46	59	70	2
				27	40	52	63	3
				23	35	47	57	4
				21	31	42	52	5
				19	28	38	47	6
Oa	Onawa silty clay	Onawa	85	60	84	101	115	0
				46	68	86	101	1
				38	56	73	88	2
				32	47	63	77	3
				27	41	55	67	4
				24	36	48	60	5
				21	32	43	54	6
Ob	Owego silty clay loam	Owego	85	56	78	94	108	0
				44	64	81	95	1
				36	54	69	83	2
				30	46	60	73	3
				26	40	53	65	4
				23	35	47	58	5
				21	31	42	52	6
Ra	Redstoe variant silt loam, 6 to 15 percent slopes	Redstoe	90	128	170	202	226	0
				78	117	149	177	1
				56	84	112	138	2
				44	66	88	110	3
				36	54	72	90	4
				30	46	61	76	5
				26	40	53	66	6
Rb	Roxbury loam, channeled	Roxbury	85	59	82	99	112	0
				46	67	85	99	1
				37	56	72	87	2
				31	47	62	76	3
				27	41	54	67	4
				24	36	48	60	5
				21	32	43	53	6
Rc	Roxbury silt loam	Roxbury	90	67	92	110	125	0

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				50	74	93	108	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
Rd	Roxbury silt loam, channeled	Roxbury	85	67	92	110	125	0
				50	74	93	108	1
				40	60	78	94	2
				33	50	67	81	3
				29	43	57	71	4
				25	38	50	63	5
				22	33	45	56	6
Sa	Salix silty clay loam	Salix	90	87	118	141	159	0
				61	90	114	133	1
				47	70	92	111	2
				38	57	75	93	3
				32	48	64	79	4
				27	41	55	69	5
				24	36	48	60	6
Sb	Salmo silty clay loam	Salmo	85	61	85	102	116	0
				47	69	87	102	1
				38	57	74	89	2
				32	48	63	77	3
				27	41	55	68	4
				24	36	48	60	5
				22	32	43	54	6
SdA	Sardak loamy fine sand, 0 to 3 percent slopes	Sardak	85	315	408	476	527	0
				122	183	245	306	1
				76	114	152	190	2
				55	83	110	138	3
				43	65	86	108	4
				35	53	71	89	5
				30	45	60	75	6
SeA	Sardak-Grable complex, 0 to 4 percent slopes	Sardak	50	315	408	476	527	0
				122	183	245	306	1
				76	114	152	190	2
				55	83	110	138	3
				43	65	86	108	4
				35	53	71	89	5
				30	45	60	75	6
SeA	Sardak-Grable complex, 0 to 4 percent slopes	Grable	35	519	669	775	856	0
				144	217	289	361	1
				84	126	168	210	2
				59	89	118	148	3
				46	68	91	114	4
				37	56	74	93	5
				31	47	63	78	6
TaE	Talmo-Thurman complex, 15 to 40 percent slopes	Talmo	55	397	513	596	659	0
				133	199	266	332	1
				80	120	160	200	2
				57	86	114	143	3

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				44	67	89	111	4
				36	55	73	91	5
				31	46	62	77	6
TaE	Talmo-Thurman complex, 15 to 40 percent slopes	Thurman	30	116	155	184	206	0
				73	110	140	165	1
				54	81	107	131	2
				42	64	85	106	3
				35	52	70	87	4
				30	45	59	74	5
				26	39	52	65	6
Tb	Tetonka silt loam	Tetonka	85	88	119	143	161	0
				61	91	115	135	1
				47	70	93	112	2
				38	57	76	94	3
				32	48	64	80	4
				28	41	55	69	5
				24	36	48	60	6
TcC	Thurman-Ethan complex, 2 to 9 percent slopes	Thurman	40	116	155	184	206	0
				73	110	140	165	1
				54	81	107	131	2
				42	64	85	106	3
				35	52	70	87	4
				30	45	59	74	5
				26	39	52	65	6
TcC	Thurman-Ethan complex, 2 to 9 percent slopes	Ethan	35	42	59	72	83	0
				35	50	64	75	1
				30	44	57	67	2
				26	39	50	61	3
				23	34	45	55	4
				20	31	41	50	5
				19	28	37	46	6
TdA	Trent silty clay loam, 0 to 2 percent slopes	Trent	85	64	88	106	121	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
Wa	Waubonsie very fine sandy loam	Waubonsie	85	59	81	98	112	0
				46	66	84	98	1
				37	56	72	86	2
				31	47	62	75	3
				27	41	54	66	4
				24	36	48	60	5
				21	32	43	53	6
WbA	Wentworth silty clay loam, 0 to 2 percent slopes	Wentworth	85	85	115	138	155	0
				60	88	112	131	1
				46	69	91	109	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5

Map Symbol	Map Unit	Component	Component Percent	Lateral Effect Distances (ft.) (5-inch Tile) Elev. wetland boundary - Elev. tile invert				% Slope
				2 ft.	3 ft.	4 ft.	5 ft.	
				24	36	48	60	6
WcB	Wentworth-Trent silty clay loams, 1 to 6 percent slopes	Wentworth	60	85	115	138	155	0
				60	88	112	131	1
				46	69	91	109	2
				37	56	75	92	3
				31	47	63	79	4
				27	41	54	68	5
				24	36	48	60	6
WcB	Wentworth-Trent silty clay loams, 1 to 6 percent slopes	Trent	25	64	88	106	121	0
				48	71	90	105	1
				39	59	76	91	2
				33	49	65	79	3
				28	42	56	69	4
				25	37	49	62	5
				22	33	44	55	6
Wd	Worthing silty clay loam	Worthing	85	57	79	96	109	0
				44	65	82	96	1
				36	54	70	84	2
				31	46	61	74	3
				27	40	53	65	4
				24	35	47	59	5
				21	32	42	53	6
We	Worthing silty clay loam, ponded	Worthing	100	64	89	107	121	0
				48	71	91	106	1
				39	59	76	92	2
				33	49	65	79	3
				28	42	56	70	4
				25	37	49	62	5
				22	33	44	55	6