

Water Management

Map symbol and soil name	Component percent	Limitations for--			Features affecting--			
		Pond reservoir areas	Embankments, dikes, and levees	Aquifer-fed excavated ponds	Drainage	Irrigation	Terraces and diversions	Grassed waterways
5B: Dakota-----	90	Severe: seepage	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope	Limitation: too sandy	Favorable
27B: Dickinson-----	90	Severe: seepage	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope	Limitation: too sandy	Favorable
35: Blue Earth-----	90	Moderate: seepage	Severe: excess humus piping ponding	Severe: slow refill	Limitation: frost action ponding	Limitation: ponding	Limitation: ponding	Limitation: wetness
86: Canisteo-----	90	Moderate: seepage	Severe: wetness	Moderate: slow refill	Limitation: frost action	Limitation: wetness	Limitation: wetness	Limitation: wetness
94B: Terril-----	90	Moderate: seepage slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: slope	Favorable	Favorable
102B: Clarion-----	90	Moderate: seepage slope	Severe: piping	Moderate: slow refill deep to water	Limitation: deep to water	Limitation: slope	Limitation: erodes easily	Limitation: erodes easily
106B: Lester-----	90	Moderate: seepage slope	Severe: piping	Moderate: slow refill deep to water	Limitation: deep to water	Limitation: slope	Limitation: erodes easily	Limitation: erodes easily
106C2: Lester-----	85	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: rooting depth slope	Limitation: erodes easily slope	Limitation: erodes easily rooting depth slope
109: Cordova-----	90	Moderate: seepage	Severe: wetness	Severe: slow refill	Limitation: frost action	Limitation: wetness	Limitation: wetness	Limitation: wetness
110: Marna-----	90	Moderate: seepage	Severe: wetness	Severe: slow refill	Limitation: frost action percs slowly	Limitation: percs slowly wetness	Limitation: erodes easily wetness	Limitation: erodes easily percs slowly wetness
112: Harps-----	90	Moderate: seepage	Severe: wetness	Moderate: slow refill	Limitation: frost action	Limitation: rooting depth wetness	Limitation: wetness	Limitation: rooting depth wetness

See footnote at end of table.

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		Pond reservoir areas	Embankments, dikes, and levees	Aquifer-fed excavated ponds	Drainage	Irrigation	Terraces and diversions	Grassed waterways
113: Webster-----	90	Moderate: seepage	Severe: piping wetness	Moderate: slow refill	Limitation: frost action	Limitation: wetness	Limitation: wetness	Limitation: wetness
114: Glencoe-----	90	Moderate: seepage	Severe: excess humus ponding	Severe: slow refill	Limitation: frost action ponding	Limitation: ponding	Limitation: ponding	Limitation: wetness
118: Crippin-----	90	Moderate: seepage	Severe: wetness	Moderate: slow refill	Limitation: frost action	Limitation: wetness	Limitation: erodes easily wetness	Limitation: erodes easily
130: Nicollet-----	90	Moderate: seepage	Moderate: wetness	Moderate: slow refill deep to water	Limitation: frost action	Limitation: wetness	Limitation: wetness	Favorable
134: Okoboji-----	90	Slight	Severe: ponding	Severe: slow refill	Limitation: frost action ponding	Limitation: ponding	Limitation: ponding	Limitation: wetness
222B: Lasa-----	90	Severe: seepage	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: too sandy soil blowing	Limitation: droughty
239: Le Sueur-----	90	Moderate: seepage	Severe: thin layer	Moderate: slow refill deep to water	Limitation: frost action	Limitation: wetness	Limitation: wetness	Favorable
317: Oshawa-----	90	Slight	Severe: ponding	Severe: slow refill	Limitation: flooding frost action ponding	Limitation: flooding ponding	Limitation: ponding	Limitation: wetness
329: Chaska-----	90	Severe: seepage	Severe: piping wetness	Severe: cutbanks cave	Limitation: flooding frost action cutbanks cave	Limitation: flooding wetness	Limitation: wetness	Limitation: wetness
336: Delft-----	90	Moderate: seepage	Severe: thin layer wetness	Severe: slow refill	Limitation: frost action	Limitation: wetness	Limitation: wetness	Limitation: wetness

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		Pond reservoir areas	Embankments, dikes, and levees	Aquifer-fed excavated ponds	Drainage	Irrigation	Terraces and diversions	Grassed waterways
386: Okoboji-----	90	Slight	Severe: ponding	Severe: slow refill	Limitation: frost action ponding	Limitation: ponding	Limitation: ponding	Limitation: wetness
463B: Minneiska-----	90	Severe: seepage	Severe: piping	Severe: cutbanks cave	Limitation: cutbanks cave	Limitation: wetness	Limitation: too sandy wetness	Favorable
525: Muskego-----	90	Severe: seepage	Severe: excess humus ponding	Severe: slow refill	Limitation: percs slowly ponding	Limitation: percs slowly soil blowing ponding	Limitation: percs slowly soil blowing ponding	Limitation: percs slowly wetness
539: Klossner-----	90	Severe: seepage	Severe: excess humus ponding	Severe: slow refill	Limitation: frost action subsides ponding	Limitation: soil blowing ponding	Limitation: erodes easily soil blowing ponding	Limitation: erodes easily wetness
743: Glencoe-----	90	Severe: seepage	Severe: excess humus ponding	Severe: slow refill cutbanks cave	Limitation: frost action ponding	Limitation: ponding	Limitation: ponding	Limitation: wetness
772F: Swanlake-----	55	Severe: slope	Moderate: piping	Severe: no water	Limitation: deep to water	Limitation: slope	Limitation: erodes easily slope	Limitation: erodes easily slope
Lasa-----	35	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: slope too sandy soil blowing	Limitation: slope droughty
887B: Clarion-----	60	Moderate: seepage slope	Severe: piping	Moderate: slow refill deep to water	Limitation: deep to water	Limitation: slope	Limitation: erodes easily	Limitation: erodes easily
Swanlake-----	30	Moderate: seepage slope	Moderate: piping	Severe: no water	Limitation: deep to water	Limitation: slope	Limitation: erodes easily	Limitation: erodes easily
919: Canisteo-----	50	Moderate: seepage	Severe: wetness	Moderate: slow refill	Limitation: frost action	Limitation: wetness	Limitation: wetness	Limitation: wetness
Mayer-----	40	Severe: seepage	Severe: seepage wetness	Severe: cutbanks cave	Limitation: frost action cutbanks cave	Limitation: wetness	Limitation: too sandy wetness	Limitation: wetness

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		Pond reservoir areas	Embankments, dikes, and levees	Aquifer-fed excavated ponds	Drainage	Irrigation	Terraces and diversions	Grassed waterways
920B: Clarion-----	55	Moderate: seepage slope	Severe: piping	Moderate: slow refill deep to water	Limitation: deep to water	Limitation: slope	Limitation: erodes easily	Limitation: erodes easily
Hawick-----	35	Severe: seepage	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope droughty	Limitation: too sandy soil blowing	Limitation: droughty
920C2: Clarion-----	45	Severe: slope	Moderate: piping	Severe: no water	Limitation: deep to water	Limitation: slope	Limitation: erodes easily slope	Limitation: erodes easily slope
Hawick-----	30	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope droughty	Limitation: slope too sandy soil blowing	Limitation: slope droughty
921C2: Clarion-----	55	Severe: slope	Moderate: piping	Severe: no water	Limitation: deep to water	Limitation: slope	Limitation: erodes easily slope	Limitation: erodes easily slope
Storden-----	35	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: slope	Limitation: erodes easily slope	Limitation: erodes easily slope
944B: Lester-----	55	Moderate: seepage slope	Severe: piping	Moderate: slow refill deep to water	Limitation: deep to water	Limitation: slope	Limitation: erodes easily	Limitation: erodes easily
Hawick-----	35	Severe: seepage	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope droughty	Limitation: too sandy soil blowing	Limitation: droughty
944C2: Lester-----	45	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: rooting depth slope	Limitation: erodes easily slope	Limitation: erodes easily rooting depth slope
Hawick-----	30	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope droughty	Limitation: slope too sandy soil blowing	Limitation: slope droughty

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		Pond reservoir areas	Embankments, dikes, and levees	Aquifer-fed excavated ponds	Drainage	Irrigation	Terraces and diversions	Grassed waterways
945D2: Lester-----	55	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: rooting depth slope	Limitation: erodes easily slope	Limitation: erodes easily rooting depth slope
Storden-----	35	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: slope	Limitation: erodes easily slope	Limitation: erodes easily slope
945F: Lester-----	70	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: rooting depth slope	Limitation: erodes easily slope	Limitation: erodes easily rooting depth slope
946: Nicollet-----	55	Moderate: seepage	Moderate: wetness	Moderate: slow refill deep to water	Limitation: frost action	Limitation: wetness	Limitation: wetness	Favorable
Linder-----	35	Severe: seepage	Severe: seepage piping	Severe: cutbanks cave	Limitation: frost action cutbanks cave	Limitation: wetness	Limitation: too sandy wetness	Limitation: rooting depth
956: Canisteo-----	60	Moderate: seepage	Severe: wetness	Moderate: slow refill	Limitation: frost action	Limitation: wetness	Limitation: wetness	Limitation: wetness
Glencoe-----	30	Moderate: seepage	Severe: excess humus ponding	Severe: slow refill	Limitation: frost action ponding	Limitation: ponding	Limitation: ponding	Limitation: wetness
978: Cordova-----	75	Moderate: seepage	Severe: wetness	Severe: slow refill	Limitation: frost action	Limitation: wetness	Limitation: wetness	Limitation: wetness
1016: Udorthents-----	90	Moderate: seepage	Slight	Severe: no water	Limitation: deep to water	Limitation: slope	Limitation: slope	Limitation: slope
1030: Udorthents-----	50	---	---	---	---	---	---	---
Pits-----	40	---	---	---	---	---	---	---

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		Pond reservoir areas	Embankments, dikes, and levees	Aquifer-fed excavated ponds	Drainage	Irrigation	Terraces and diversions	Grassed waterways
1075: Klossner-----	50	Severe: seepage	Severe: piping ponding	Severe: slow refill	Limitation: frost action subsides ponding	Limitation: ponding	Limitation: ponding	Limitation: wetness
Muskego-----	40	Severe: seepage	Severe: excess humus piping ponding	Severe: slow refill	Limitation: frost action subsides ponding	Limitation: ponding	Limitation: ponding	Limitation: wetness
1081: Minneiska-----	75	Severe: seepage	Severe: piping	Severe: cutbanks cave	Limitation: flooding cutbanks cave	Limitation: wetness soil blowing	Limitation: too sandy wetness soil blowing	Favorable
1093: Webster-----	55	Moderate: seepage	Severe: piping wetness	Moderate: slow refill	Limitation: frost action	Limitation: wetness	Limitation: wetness	Limitation: wetness
Biscay-----	40	Severe: seepage	Severe: seepage piping wetness	Severe: cutbanks cave	Limitation: frost action cutbanks cave	Limitation: wetness	Limitation: too sandy wetness	Limitation: wetness
1356: Water, Miscellaneous---	100	---	---	---	---	---	---	---
1833: Coland-----	90	Severe: seepage	Severe: wetness	Moderate: slow refill	Limitation: flooding frost action	Limitation: flooding wetness	Limitation: wetness	Limitation: wetness
1834: Coland-----	90	Severe: seepage	Severe: wetness	Moderate: slow refill	Limitation: flooding frost action	Limitation: flooding wetness	Limitation: wetness	Limitation: wetness
1901B: Lester-----	50	Moderate: seepage slope	Severe: piping	Moderate: slow refill deep to water	Limitation: deep to water	Limitation: slope	Limitation: erodes easily	Limitation: erodes easily
Le Sueur-----	40	Moderate: seepage	Severe: thin layer	Moderate: slow refill deep to water	Limitation: frost action	Limitation: wetness	Limitation: wetness	Favorable

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		Pond reservoir areas	Embankments, dikes, and levees	Aquifer-fed excavated ponds	Drainage	Irrigation	Terraces and diversions	Grassed waterways
1999: Minneiska-----	55	Severe: seepage	Severe: piping	Severe: cutbanks cave	Limitation: flooding cutbanks cave	Limitation: wetness soil blowing	Limitation: too sandy wetness soil blowing	Favorable
Kalmarville-----	35	Severe: seepage	Severe: piping wetness	Severe: cutbanks cave	Limitation: flooding frost action	Limitation: flooding wetness	Limitation: wetness	Limitation: wetness
W: Water-----	100	---	---	---	---	---	---	---

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. See text for definitions of terms used in this table. Absence of an entry indicates that no rating is applicable.)