

Engineering Interpretations

Water Management

Interpretations of soils for water management are given as limitations for pond reservoir areas; embankments, dikes, and levees; excavated pond (aquifer-fed); and as restrictive features that affect drainage, irrigation, terraces and diversions, and grassed waterways.

POND RESERVOIR AREA is the area that holds water behind a dam or embankment. Soils best suited to this use have a low seepage potential, which is determined by the permeability and depth to fractured or permeable bedrock, or other permeable material.

EMBANKMENTS, DIKES, AND LEVEES are raised structures of soil material constructed to impound water or protect land against overflow. They generally are less than 20 feet high and are constructed of "homogeneous" soil material (without a core zone) and compacted to medium density.

EXCAVATED PONDS (AQUIFER-FED) are bodies of water created by excavating a pit or dugout into a ground-water aquifer. Excluded are ponds which are fed by surface runoff or that have embankments that impound water 3 feet or more above the original surface.

DRAINAGE is the process of removing excess surface and subsurface water from agricultural land. Soil features are listed that affect grading, excavation, and stability of trench sides or ditch banks. Features are also listed which might affect productivity after drainage is installed. The availability of drainage outlets must also be considered.

IRRIGATION is the controlled application of water to supplement rainfall for supporting plant growth. Soil features are listed that affect design, layout, construction, management, or performance of an irrigation system.

TERRACES AND DIVERSIONS are embankments or a combination of an embankment and a channel constructed across a slope to control erosion by diverting or storing surface runoff instead of permitting it to flow uninterrupted down the slope. Soil features are listed that affect the construction of terraces and diversions and that may cause problems after construction.

GRASSED WATERWAYS are natural or constructed channels that generally are broad and shallow and are covered with erosion-resistant grasses. They are used to conduct surface water to outlets at a nonerosive velocity. Soil features are listed that affect the construction and maintenance of the waterway, and also that affect the growth of grass after construction.

This subsection includes:

- **(a) Water Management**

Table 15.--Water Management

(The information in this report indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 1.00. The larger the value, the greater the potential limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pond reservoir areas		Drainage		Irrigation		Terraces and diversions		Grassed waterways	
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
70030:										
Noark-----	Moderately limited		Limited		Limited		Moderately limited		Moderately limited	
	~seepage	0.50	~slope	0.98	~slope	0.98	~slope	0.30	~slope	0.30
	(moderately limited)		(limited)		(limited)		(moderately limited)		(moderately limited)	
	~slope	0.30			~droughty	0.30			~droughty	0.30
	(moderately limited)				(slightly limited)				(slightly limited)	
Clarksville----	Very limited		Very limited		Limited		Very limited		Very limited	
	~seepage	1.00	~large stones	1.00	~slope	0.98	~large stones	1.00	~large stones	1.00
	(very limited)		(very limited)		(limited)		(very limited)		(very limited)	
	~slope	0.30	~slope	0.98	~droughty	0.16	~slope	0.30	~slope	0.30
	(moderately limited)		(limited)		(slightly limited)		(moderately limited)		(moderately limited)	
					~large stones	0.04			~droughty	0.16
					(slightly limited)				(slightly limited)	
70031:										
Hailey-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~seepage	1.00	~large stones	1.00	~droughty	1.00	~large stones	1.00	~large stones	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
					~large stones	0.92			~droughty	1.00
					(limited)				(very limited)	
Rueter-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~seepage	1.00			~droughty	0.59			~droughty	0.59
	(very limited)				(moderately limited)				(moderately limited)	
70032:										
Tonti-----	Moderately limited		Not limited		Not limited		Moderately limited		Limited	
	~seepage	0.50					~wetness	0.44	~rooting depth	0.80
	(moderately limited)						(moderately limited)		(limited)	
									~wetness	0.44
									(moderately limited)	

Table 15.--Water Management--Continued

Map symbol and soil name	Pond reservoir areas		Drainage		Irrigation		Terraces and diversions		Grassed waterways	
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
70033:										
Moko-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~bedrock <20 in.	1.00	~slope	1.00	~droughty	1.00	~depth to bedrock	1.00	~large stones	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~slope	0.89	~bedrock <20 in.	1.00	~slope	1.00	~large stones	1.00	~droughty	1.00
	(limited)		(very limited)		(very limited)		(very limited)		(very limited)	
			~large stones	1.00	~bedrock <20 in.	1.00	~slope	0.89	~bedrock <20 in.	1.00
			(very limited)		(very limited)		(limited)		(very limited)	
Rock outcrop---	Not rated		Not rated		Not rated		Not rated		Not rated	
70034:										
Moko-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~slope	1.00	~slope	1.00	~droughty	1.00	~slope	1.00	~slope	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~bedrock <20 in.	1.00	~bedrock <20 in.	1.00	~slope	1.00	~depth to bedrock	1.00	~droughty	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
					~bedrock <20 in.	1.00			~bedrock <20 in.	1.00
					(very limited)				(very limited)	
Blueye-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~depth to bedrock	0.85	~percs slowly	0.39	~slow intake	0.60	~depth to bedrock	1.00	~depth to bedrock	0.85
	(limited)		(moderately limited)		(moderately limited)		(very limited)		(limited)	
			~depth to bedrock	0.30	~percs slowly	0.39			~droughty	0.31
			(slightly limited)		(moderately limited)				(moderately limited)	
Rock outcrop---	Not rated		Not rated		Not rated		Not rated		Not rated	
70035:										
Sonsac-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~depth to bedrock	0.74	~depth to bedrock	0.06	~depth to bedrock	0.06	~depth to bedrock	1.00	~depth to bedrock	0.74
	(limited)		(slightly limited)		(slightly limited)		(very limited)		(limited)	
	~seepage	0.18			~droughty	0.03	~large stones	0.57	~large stones	0.57
	(slightly limited)				(slightly limited)		(moderately limited)		(moderately limited)	
Gobbler-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~depth to bedrock	0.63	~large stones	0.75	~droughty	0.29	~large stones	0.95	~large stones	0.95
	(limited)		(limited)		(slightly limited)		(limited)		(limited)	
	~seepage	0.18					~depth to bedrock	0.57	~depth to bedrock	0.63
	(slightly limited)						(moderately limited)		(limited)	

Table 15.--Water Management--Continued

Map symbol and soil name	Pond reservoir areas		Drainage		Irrigation		Terraces and diversions		Grassed waterways	
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
70036:										
Sonsac-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~depth to bedrock	0.83	~depth to bedrock	0.24	~droughty	0.58	~depth to bedrock	1.00	~depth to bedrock	0.83
	(limited)		(slightly limited)		(moderately limited)		(very limited)		(limited)	
	~seepage	0.50			~depth to bedrock	0.24			~droughty	0.58
	(moderately limited)				(slightly limited)				(moderately limited)	
Gobbler-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~seepage	0.92	~large surface stones	0.79	~large surface stones	0.79	~large surface stones	0.79	~large surface stones	0.79
	(limited)		(limited)		(limited)		(limited)		(limited)	
	~depth to bedrock	0.62			~droughty	0.49	~depth to bedrock	0.54	~depth to bedrock	0.62
	(limited)				(moderately limited)		(moderately limited)		(limited)	
70037:										
Sonsac-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~depth to bedrock	0.77	~depth to bedrock	0.13	~droughty	0.97	~depth to bedrock	1.00	~droughty	0.97
	(limited)		(slightly limited)		(limited)		(very limited)		(limited)	
	~seepage	0.18			~depth to bedrock	0.13			~depth to bedrock	0.77
	(slightly limited)				(slightly limited)				(limited)	
Rueter-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~seepage	1.00			~droughty	0.56			~droughty	0.56
	(very limited)				(moderately limited)				(moderately limited)	
70038:										
Moko-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~bedrock <20 in.	1.00	~bedrock <20 in.	1.00	~droughty	1.00	~depth to bedrock	1.00	~droughty	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~slope	0.30	~large stones	1.00	~bedrock <20 in.	1.00	~large stones	1.00	~bedrock <20 in.	1.00
	(moderately limited)		(very limited)		(very limited)		(very limited)		(very limited)	
			~slope	0.98	~slope	0.98	~too sandy	1.00	~large stones	1.00
			(limited)		(limited)		(very limited)		(very limited)	
Rock outcrop---	Not rated		Not rated		Not rated		Not rated		Not rated	

Table 15.--Water Management--Continued

Map symbol and soil name	Pond reservoir areas		Drainage		Irrigation		Terraces and diversions		Grassed waterways	
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
70050:										
Rueter-----	Limited		Very limited		Very limited		Very limited		Very limited	
	~slope	0.99	~slope	1.00	~slope	1.00	~large stones	1.00	~large stones	1.00
	(limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~seepage	0.50	~large stones	0.75	~droughty	0.56	~slope	0.99	~slope	0.99
	(moderately limited)		(limited)		(moderately limited)		(limited)		(limited)	
					~large stones	0.00			~droughty	0.56
					(slightly limited)				(moderately limited)	
Goss-----	Limited		Very limited		Very limited		Limited		Limited	
	~slope	0.99	~slope	1.00	~slope	1.00	~slope	0.99	~slope	0.99
	(limited)		(very limited)		(very limited)		(limited)		(limited)	
	~seepage	0.50			~droughty	0.43			~droughty	0.43
	(moderately limited)				(moderately limited)				(moderately limited)	
70051:										
Hailey-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~seepage	1.00	~large stones	1.00	~droughty	1.00	~large stones	1.00	~large stones	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
					~large stones	0.98			~droughty	1.00
					(limited)				(very limited)	
Rueter-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~seepage	1.00			~droughty	0.59			~droughty	0.59
	(very limited)				(moderately limited)				(moderately limited)	
71252:										
Britwater-----	Moderately limited		Limited		Limited		Moderately limited		Moderately limited	
	~seepage	0.50	~slope	0.98	~slope	0.98	~slope	0.30	~slope	0.30
	(moderately limited)		(limited)		(limited)		(moderately limited)		(moderately limited)	
	~slope	0.30								
	(moderately limited)									
73070:										
Sowcoon-----	Moderately limited		Very limited		Very limited		Very limited		Moderately limited	
	~seepage	0.50	~ponded (wetness)	1.00	~ponded (wetness)	1.00	~ponded (wetness)	1.00	~wetness	0.60
	(moderately limited)		(very limited)		(very limited)		(very limited)		(moderately limited)	
			~percs slowly	0.17	~percs slowly	0.17	~wetness	0.60		
			(slightly limited)		(slightly limited)		(moderately limited)			

Table 15.--Water Management--Continued

Map symbol and soil name	Pond reservoir areas		Drainage		Irrigation		Terraces and diversions		Grassed waterways	
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
73113:										
Scholten-----	Moderately limited		Limited		Limited		Moderately limited		Limited	
	~seepage	0.50	~slope	0.98	~slope	0.98	~wetness	0.44	~droughty	0.90
	(moderately limited)		(limited)		(limited)		(moderately limited)		(limited)	
	~slope	0.30	~large stones	0.30	~droughty	0.90	~slope	0.30	~rooting depth	0.80
	(moderately limited)		(slightly limited)		(limited)		(moderately limited)		(limited)	
							~large stones	0.01	~wetness	0.44
							(slightly limited)		(moderately limited)	
73114:										
Captina-----	Limited		Not limited		Not limited		Moderately limited		Limited	
	~seepage	0.68					~wetness	0.53	~rooting depth	0.80
	(limited)						(moderately limited)		(limited)	
									~wetness	0.53
									(moderately limited)	
73115:										
Horneybuck-----	Moderately limited		Limited		Limited		Moderately limited		Moderately limited	
	~seepage	0.50	~slope	0.78	~slope	0.78	~wetness	0.55	~wetness	0.55
	(moderately limited)		(limited)		(limited)		(moderately limited)		(moderately limited)	
	~slope	0.20	~percs slowly	0.13	~percs slowly	0.13	~slope	0.20	~slope	0.20
	(slightly limited)		(slightly limited)		(slightly limited)		(slightly limited)		(slightly limited)	
Tonti-----	Moderately limited		Limited		Limited		Moderately limited		Limited	
	~seepage	0.50	~slope	0.78	~slope	0.78	~wetness	0.48	~rooting depth	0.80
	(moderately limited)		(limited)		(limited)		(moderately limited)		(limited)	
	~slope	0.20					~slope	0.20	~wetness	0.48
	(slightly limited)						(slightly limited)		(moderately limited)	
									~slope	0.20
									(slightly limited)	
73116:										
Pomme-----	Moderately limited		Moderately limited		Moderately limited		Slightly limited		Slightly limited	
	~seepage	0.50	~slope	0.40	~slope	0.40	~slope	0.10	~slope	0.10
	(moderately limited)		(moderately limited)		(moderately limited)		(slightly limited)		(slightly limited)	
	~slope	0.10								
	(slightly limited)									
73117:										
Clarksville----	Very limited		Very limited		Very limited		Moderately limited		Limited	
	~seepage	1.00	~slope	1.00	~slope	1.00	~slope	0.60	~droughty	0.66
	(very limited)		(very limited)		(very limited)		(moderately limited)		(limited)	
	~slope	0.60	~large stones	1.00	~droughty	0.66	~large stones	0.21	~slope	0.60
	(moderately limited)		(very limited)		(limited)		(slightly limited)		(moderately limited)	
									~large stones	0.21
									(slightly limited)	

Table 15.--Water Management--Continued

Map symbol and soil name	Pond reservoir areas		Drainage		Irrigation		Terraces and diversions		Grassed waterways	
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
73117:										
Scholten-----	Moderately limited		Very limited		Very limited		Moderately limited		Limited	
	~slope	0.60	~slope	1.00	~slope	1.00	~slope	0.60	~droughty	0.89
	(moderately limited)		(very limited)		(very limited)		(moderately limited)		(limited)	
	~seepage	0.50			~droughty	0.89	~wetness	0.44	~rooting depth	0.80
	(moderately limited)				(limited)		(moderately limited)		(limited)	
									~slope	0.60
									(moderately limited)	
Hailey-----	Very limited		Very limited		Very limited		Moderately limited		Limited	
	~seepage	1.00	~slope	1.00	~slope	1.00	~slope	0.60	~droughty	0.82
	(very limited)		(very limited)		(very limited)		(moderately limited)		(limited)	
	~slope	0.60			~droughty	0.82			~slope	0.60
	(moderately limited)				(limited)				(moderately limited)	
73118:										
Rueter-----	Limited		Very limited		Very limited		Very limited		Very limited	
	~slope	0.99	~slope	1.00	~slope	1.00	~large stones	1.00	~large stones	1.00
	(limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~seepage	0.50	~large stones	0.75	~droughty	0.56	~slope	0.99	~slope	0.99
	(moderately limited)		(limited)		(moderately limited)		(limited)		(limited)	
					~large stones	0.00			~droughty	0.56
					(slightly limited)				(moderately limited)	
Goss-----	Limited		Very limited		Very limited		Limited		Limited	
	~slope	0.99	~slope	1.00	~slope	1.00	~slope	0.99	~slope	0.99
	(limited)		(very limited)		(very limited)		(limited)		(limited)	
	~seepage	0.50			~droughty	0.43			~droughty	0.43
	(moderately limited)				(moderately limited)				(moderately limited)	
73119:										
Rueter-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~seepage	0.50			~droughty	0.54			~droughty	0.54
	(moderately limited)				(moderately limited)				(moderately limited)	
Hailey-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~seepage	1.00	~large stones	1.00	~droughty	1.00	~large stones	1.00	~large stones	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
					~large stones	0.98			~droughty	1.00
					(limited)				(very limited)	

Table 15.--Water Management--Continued

Map symbol and soil name	Pond reservoir areas		Drainage		Irrigation		Terraces and diversions		Grassed waterways	
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
73120:										
Rueter-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~seepage	1.00								
	(very limited)									
Gasconade-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~slope	1.00	~slope	1.00	~droughty	1.00	~slope	1.00	~large stones	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~bedrock <20 in.	1.00	~bedrock <20 in.	1.00	~slope	1.00	~depth to bedrock	1.00	~slope	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
			~large stones	0.99	~bedrock <20 in.	1.00	~large stones	1.00	~droughty	1.00
			(limited)		(very limited)		(very limited)		(very limited)	
Rock outcrop---	Not rated		Not rated		Not rated		Not rated		Not rated	
73121:										
Scholten-----	Moderately limited		Limited		Limited		Moderately limited		Limited	
	~seepage	0.50	~slope	0.78	~slope	0.78	~wetness	0.48	~rooting depth	0.80
	(moderately limited)		(limited)		(limited)		(moderately limited)		(limited)	
	~slope	0.20					~slope	0.20	~wetness	0.48
	(slightly limited)						(slightly limited)		(moderately limited)	
									~slope	0.20
									(slightly limited)	
Tonti-----	Moderately limited		Limited		Limited		Moderately limited		Limited	
	~seepage	0.50	~slope	0.78	~slope	0.78	~wetness	0.50	~rooting depth	0.80
	(moderately limited)		(limited)		(limited)		(moderately limited)		(limited)	
	~slope	0.20					~slope	0.20	~wetness	0.50
	(slightly limited)						(slightly limited)		(moderately limited)	
									~slope	0.20
									(slightly limited)	
73122:										
Gasconade-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~slope	1.00	~slope	1.00	~droughty	1.00	~slope	1.00	~slope	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~bedrock <20 in.	1.00	~bedrock <20 in.	1.00	~slope	1.00	~depth to bedrock	1.00	~droughty	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
			~large stones	0.99	~bedrock <20 in.	1.00	~large stones	1.00	~bedrock <20 in.	1.00
			(limited)		(very limited)		(very limited)		(very limited)	
Rock outcrop---	Not rated		Not rated		Not rated		Not rated		Not rated	

Table 15.--Water Management--Continued

Map symbol and soil name	Pond reservoir areas		Drainage		Irrigation		Terraces and diversions		Grassed waterways	
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
73123:										
Mano-----	Limited		Very limited		Very limited		Limited		Limited	
	~slope	0.70	~slope	1.00	~slope	1.00	~slope	0.70	~slope	0.70
	(limited)		(very limited)		(very limited)		(limited)		(limited)	
	~seepage	0.50	~percs slowly	0.39	~percs slowly	0.39	~large stones	0.08	~large stones	0.08
	(moderately limited)		(moderately limited)		(moderately limited)		(slightly limited)		(slightly limited)	
					~droughty	0.00			~droughty	0.00
					(slightly limited)				(slightly limited)	
Ocie-----	Limited		Very limited		Very limited		Limited		Limited	
	~slope	0.70	~slope	1.00	~slope	1.00	~slope	0.70	~slope	0.70
	(limited)		(very limited)		(very limited)		(limited)		(limited)	
	~depth to bedrock	0.50	~percs slowly	0.39	~percs slowly	0.39	~depth to bedrock	0.39	~depth to bedrock	0.50
	(moderately limited)		(moderately limited)		(moderately limited)		(moderately limited)		(moderately limited)	
73124:										
Alred-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~seepage	0.50	~percs slowly	0.40	~percs slowly	0.40	~large surface stones	0.13	~large surface stones	0.13
	(moderately limited)		(moderately limited)		(moderately limited)		(slightly limited)		(slightly limited)	
			~large surface stones	0.13	~large surface stones	0.13			~droughty	0.11
			(slightly limited)		(slightly limited)				(slightly limited)	
Ocie-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~depth to bedrock	0.64	~percs slowly	0.39	~percs slowly	0.39	~depth to bedrock	0.60	~depth to bedrock	0.64
	(limited)		(moderately limited)		(moderately limited)		(limited)		(limited)	
	~seepage	0.50	~large surface stones	0.13	~large surface stones	0.13	~large surface stones	0.13	~large surface stones	0.13
	(moderately limited)		(slightly limited)		(slightly limited)		(slightly limited)		(slightly limited)	
73125:										
Knobby-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~bedrock <20 in.	1.00	~bedrock <20 in.	1.00	~droughty	1.00	~depth to bedrock	1.00	~large stones	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~slope	0.70	~slope	1.00	~bedrock <20 in.	1.00	~large stones	1.00	~droughty	1.00
	(limited)		(very limited)		(very limited)		(very limited)		(very limited)	
			~large stones	0.99	~slope	1.00	~slope	0.70	~bedrock <20 in.	1.00
			(limited)		(very limited)		(limited)		(very limited)	
Rock outcrop---	Not rated		Not rated		Not rated		Not rated		Not rated	

Table 15.--Water Management--Continued

Map symbol and soil name	Pond reservoir areas		Drainage		Irrigation		Terraces and diversions		Grassed waterways	
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
73126:										
Knobby-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~slope	1.00	~slope	1.00	~droughty	1.00	~slope	1.00	~large stones	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~bedrock <20 in.	1.00	~bedrock <20 in.	1.00	~slope	1.00	~depth to bedrock	1.00	~slope	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
			~large stones	0.75	~bedrock <20 in.	1.00	~large stones	1.00	~droughty	1.00
			(limited)		(very limited)		(very limited)		(very limited)	
Rock outcrop---	Not rated		Not rated		Not rated		Not rated		Not rated	
73127:										
Gobbler-----	Moderately limited		Limited		Limited		Moderately limited		Moderately limited	
	~depth to bedrock	0.58	~slope	0.98	~slope	0.98	~depth to bedrock	0.48	~depth to bedrock	0.58
	(moderately limited)		(limited)		(limited)		(moderately limited)		(moderately limited)	
	~seepage	0.32			~droughty	0.03	~slope	0.30	~slope	0.30
	(moderately limited)				(slightly limited)		(moderately limited)		(moderately limited)	
	~slope	0.30					~large stones	0.19	~large stones	0.19
	(moderately limited)						(slightly limited)		(slightly limited)	
Sonsac-----	Limited		Very limited		Very limited		Very limited		Limited	
	~depth to bedrock	0.78	~slope	1.00	~slope	1.00	~depth to bedrock	1.00	~depth to bedrock	0.78
	(limited)		(very limited)		(very limited)		(very limited)		(limited)	
	~slope	0.45	~large stones	0.30	~depth to bedrock	0.15	~slope	0.45	~slope	0.45
	(moderately limited)		(slightly limited)		(slightly limited)		(moderately limited)		(moderately limited)	
	~seepage	0.32	~depth to bedrock	0.15	~droughty	0.04	~large stones	0.03	~droughty	0.04
	(moderately limited)		(slightly limited)		(slightly limited)		(slightly limited)		(slightly limited)	
73128:										
Gobbler-----	Limited		Very limited		Very limited		Limited		Limited	
	~slope	0.99	~slope	1.00	~slope	1.00	~slope	0.99	~slope	0.99
	(limited)		(very limited)		(very limited)		(limited)		(limited)	
	~seepage	0.92	~large stones	0.99	~droughty	0.50	~large stones	0.81	~large stones	0.81
	(limited)		(limited)		(moderately limited)		(limited)		(limited)	
	~depth to bedrock	0.42	~large surface stones	0.13	~large surface stones	0.13	~depth to bedrock	0.30	~droughty	0.50
	(moderately limited)		(slightly limited)		(slightly limited)		(slightly limited)		(moderately limited)	
Sonsac-----	Limited		Very limited		Very limited		Very limited		Limited	
	~slope	0.99	~slope	1.00	~slope	1.00	~depth to bedrock	1.00	~slope	0.99
	(limited)		(very limited)		(very limited)		(very limited)		(limited)	
	~depth to bedrock	0.89	~depth to bedrock	0.46	~droughty	0.61	~slope	0.99	~depth to bedrock	0.89
	(limited)		(moderately limited)		(limited)		(limited)		(limited)	
	~seepage	0.18			~depth to bedrock	0.46			~droughty	0.61
	(slightly limited)				(moderately limited)				(limited)	

Table 15.--Water Management--Continued

Map symbol and soil name	Pond reservoir areas		Drainage		Irrigation		Terraces and diversions		Grassed waterways	
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
73129:										
Gasconade-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~bedrock <20 in.	1.00	~bedrock <20 in.	1.00	~droughty	1.00	~depth to bedrock	1.00	~droughty	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~slope	0.30	~large stones	1.00	~bedrock <20 in.	1.00	~large stones	1.00	~bedrock <20 in.	1.00
	(moderately limited)		(very limited)		(very limited)		(very limited)		(very limited)	
			~slope	0.98	~slope	0.98	~slope	0.30	~large stones	1.00
			(limited)		(limited)		(moderately limited)		(very limited)	
73130:										
Gasconade-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~bedrock <20 in.	1.00	~slope	1.00	~slope	1.00	~depth to bedrock	1.00	~droughty	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~slope	0.89	~bedrock <20 in.	1.00	~droughty	1.00	~slope	0.89	~bedrock <20 in.	1.00
	(limited)		(very limited)		(very limited)		(limited)		(very limited)	
			~percs slowly	0.13	~bedrock <20 in.	1.00			~slope	0.89
			(slightly limited)		(very limited)				(limited)	
73131:										
Gasconade-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~bedrock <20 in.	1.00	~bedrock <20 in.	1.00	~droughty	1.00	~depth to bedrock	1.00	~droughty	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
			~percs slowly	0.13	~bedrock <20 in.	1.00			~bedrock <20 in.	1.00
			(slightly limited)		(very limited)				(very limited)	
73132:										
Gasconade-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~slope	1.00	~slope	1.00	~droughty	1.00	~slope	1.00	~large stones	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~bedrock <20 in.	1.00	~bedrock <20 in.	1.00	~slope	1.00	~depth to bedrock	1.00	~slope	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
			~large stones	1.00	~bedrock <20 in.	1.00	~large stones	1.00	~droughty	1.00
			(very limited)		(very limited)		(very limited)		(very limited)	
73133:										
Alred-----	Moderately limited		Limited		Limited		Very limited		Very limited	
	~seepage	0.50	~slope	0.98	~slope	0.98	~large stones	1.00	~large stones	1.00
	(moderately limited)		(limited)		(limited)		(very limited)		(very limited)	
	~slope	0.30	~percs slowly	0.40	~percs slowly	0.40	~slope	0.30	~slope	0.30
	(moderately limited)		(moderately limited)		(moderately limited)		(moderately limited)		(moderately limited)	
					~droughty	0.11			~droughty	0.11
					(slightly limited)				(slightly limited)	

Table 15.--Water Management--Continued

Map symbol and soil name	Pond reservoir areas		Drainage		Irrigation		Terraces and diversions		Grassed waterways	
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
73133:										
Ocie-----	Limited		Limited		Limited		Limited		Limited	
	~depth to bedrock	0.64	~slope	0.98	~slope	0.98	~depth to bedrock	0.60	~depth to bedrock	0.64
	(limited)		(limited)		(limited)		(limited)		(limited)	
	~slope	0.30	~percs slowly	0.39	~percs slowly	0.39	~slope	0.30	~slope	0.30
	(moderately limited)		(moderately limited)		(moderately limited)		(moderately limited)		(moderately limited)	
73134:										
Alred-----	Limited		Very limited		Very limited		Limited		Limited	
	~slope	0.99	~slope	1.00	~slope	1.00	~slope	0.99	~slope	0.99
	(limited)		(very limited)		(very limited)		(limited)		(limited)	
	~seepage	0.50	~percs slowly	0.39	~percs slowly	0.39	~large surface stones	0.13	~large surface stones	0.13
	(moderately limited)		(moderately limited)		(moderately limited)		(slightly limited)		(slightly limited)	
			~large stones	0.30	~large surface stones	0.13			~droughty	0.02
			(slightly limited)		(slightly limited)				(slightly limited)	
Ocie-----	Limited		Very limited		Very limited		Limited		Limited	
	~slope	0.99	~slope	1.00	~slope	1.00	~slope	0.99	~slope	0.99
	(limited)		(very limited)		(very limited)		(limited)		(limited)	
	~depth to bedrock	0.63	~percs slowly	0.39	~percs slowly	0.39	~depth to bedrock	0.57	~depth to bedrock	0.63
	(limited)		(moderately limited)		(moderately limited)		(moderately limited)		(limited)	
			~large surface stones	0.13	~large surface stones	0.13	~large surface stones	0.13	~large surface stones	0.13
			(slightly limited)		(slightly limited)		(slightly limited)		(slightly limited)	
Sonsac-----	Limited		Very limited		Very limited		Very limited		Limited	
	~slope	0.99	~slope	1.00	~slope	1.00	~depth to bedrock	1.00	~slope	0.99
	(limited)		(very limited)		(very limited)		(very limited)		(limited)	
	~depth to bedrock	0.80	~large surface stones	0.79	~large surface stones	0.79	~slope	0.99	~depth to bedrock	0.80
	(limited)		(limited)		(limited)		(limited)		(limited)	
	~seepage	0.50	~depth to bedrock	0.18	~depth to bedrock	0.18	~large surface stones	0.79	~large surface stones	0.79
	(moderately limited)		(slightly limited)		(slightly limited)		(limited)		(limited)	
74638:										
Waben-----	Very limited		Limited		Limited		Very limited		Very limited	
	~seepage	1.00	~slope	0.98	~slope	0.98	~large stones	1.00	~large stones	1.00
	(very limited)		(limited)		(limited)		(very limited)		(very limited)	
	~slope	0.30	~large stones	0.75	~large stones	0.00	~slope	0.30	~slope	0.30
	(moderately limited)		(limited)		(slightly limited)		(moderately limited)		(moderately limited)	
74639:										
Waben-----	Very limited		Very limited		Very limited		Limited		Limited	
	~seepage	1.00	~slope	1.00	~slope	1.00	~slope	0.99	~slope	0.99
	(very limited)		(very limited)		(very limited)		(limited)		(limited)	
	~slope	0.99			~droughty	0.04			~droughty	0.04
	(limited)				(slightly limited)				(slightly limited)	

Table 15.--Water Management--Continued

Map symbol and soil name	Pond reservoir areas		Drainage		Irrigation		Terraces and diversions		Grassed waterways	
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
74640:										
Hootentown-----	Moderately limited		Not limited		Not limited		Not limited		Not limited	
	~seepage	0.50								
	(moderately limited)									
75401:										
Horsecreek-----	Moderately limited		Moderately limited		Moderately limited		Not limited		Not limited	
	~seepage	0.50	~flooding	0.60	~flooding	0.60				
	(moderately limited)		(moderately limited)		(moderately limited)					
Jamesfin-----	Moderately limited		Moderately limited		Moderately limited		Not limited		Not limited	
	~seepage	0.50	~flooding	0.60	~flooding	0.60				
	(moderately limited)		(moderately limited)		(moderately limited)					
75402:										
Pinerun-----	Moderately limited		Moderately limited		Moderately limited		Not limited		Not limited	
	~seepage	0.50	~flooding	0.60	~flooding	0.60				
	(moderately limited)		(moderately limited)		(moderately limited)					
75403:										
Cedargap-----	Moderately limited		Moderately limited		Limited		Not limited		Limited	
	~seepage	0.50	~flooding	0.60	~droughty	0.97			~droughty	0.97
	(moderately limited)		(moderately limited)		(limited)				(limited)	
					~flooding	0.60				
					(moderately limited)					
Woolly-----	Moderately limited		Moderately limited		Limited		Moderately limited		Limited	
	~depth to bedrock	0.55	~flooding	0.60	~droughty	0.90	~depth to bedrock	0.45	~droughty	0.90
	(moderately limited)		(moderately limited)		(limited)		(moderately limited)		(limited)	
	~seepage	0.50	~slope	0.10	~flooding	0.60			~depth to bedrock	0.55
	(moderately limited)		(slightly limited)		(moderately limited)				(moderately limited)	
					~slow intake	0.60				
					(moderately limited)					
75404:										
Pinerun-----	Moderately limited		Moderately limited		Limited		Not limited		Limited	
	~seepage	0.50	~flooding	0.60	~droughty	0.63			~droughty	0.63
	(moderately limited)		(moderately limited)		(limited)				(limited)	
					~flooding	0.60				
					(moderately limited)					
75405:										
Pinerun-----	Moderately limited		Moderately limited		Moderately limited		Slightly limited		Slightly limited	
	~seepage	0.50	~flooding	0.60	~flooding	0.60	~large stones	0.21	~large stones	0.21
	(moderately limited)		(moderately limited)		(moderately limited)		(slightly limited)		(slightly limited)	
			~large stones	0.30	~droughty	0.00			~droughty	0.00
			(slightly limited)		(slightly limited)				(slightly limited)	

Table 15.--Water Management--Continued

Map symbol and soil name	Pond reservoir areas		Drainage		Irrigation		Terraces and diversions		Grassed waterways	
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
75405:										
Waben-----	Very limited		Moderately limited		Moderately limited		Slightly limited		Slightly limited	
	~seepage	1.00	~slope	0.40	~slope	0.40	~slope	0.10	~slope	0.10
	(very limited)		(moderately limited)		(moderately limited)		(slightly limited)		(slightly limited)	
	~slope	0.10								
	(slightly limited)									
99000:										
Pits, quarries-	Not rated		Not rated		Not rated		Not rated		Not rated	
99001:										
Water-----	Not rated		Not rated		Not rated		Not rated		Not rated	
99005:										
Landfills-----	Not rated		Not rated		Not rated		Not rated		Not rated	