

Cass County, Missouri: Detailed Soil Map Legend

Water Management

(The information in this table 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	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
7C: Deepwater-----	Moderately limited ~seepage (moderately limited) ~slope (moderately limited)	0.50 0.45	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Moderately limited ~slope (moderately limited)	0.45	Moderately limited ~slope (moderately limited)	0.45
8: Pits-----	Not rated		Not rated		Not rated		Not rated		Not rated	
9D: Snead-----	Limited ~slope (limited) ~depth to bedrock (limited)	0.80 0.65	Very limited ~slope (very limited) ~percs slowly (moderately limited)	1.00 0.39	Very limited ~slope (very limited) ~slow intake (moderately limited) ~percs slowly (moderately limited)	1.00 0.60 0.39	Limited ~slope (limited) ~depth to bedrock (limited) ~wetness (slightly limited)	0.80 0.66 0.28	Limited ~slope (limited) ~depth to bedrock (limited) ~wetness (slightly limited)	0.80 0.65 0.28
10D: Snead-----	Limited ~slope (limited) ~depth to bedrock (limited)	0.80 0.74	Very limited ~slope (very limited) ~large stones (limited) ~percs slowly (moderately limited)	1.00 0.99 0.39	Very limited ~slope (very limited) ~slow intake (moderately limited) ~percs slowly (moderately limited)	1.00 0.60 0.39	Very limited ~depth to bedrock (very limited) ~slope (limited) ~large stones (limited)	1.00 0.80 0.73	Limited ~slope (limited) ~depth to bedrock (limited) ~large stones (limited)	0.80 0.74 0.73
Rock outcrop---	Not rated		Not rated		Not rated		Not rated		Not rated	

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
10F: Snead-----	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00
	~depth to bedrock (limited)	0.74	~large stones (limited)	0.99	~slow intake (moderately limited)	0.60	~depth to bedrock (very limited)	1.00	~depth to bedrock (limited)	0.74
			~percs slowly (moderately limited)	0.39	~percs slowly (moderately limited)	0.39	~large stones (limited)	0.73	~large stones (limited)	0.73
Rock outcrop---	Not rated		Not rated		Not rated		Not rated		Not rated	
11C: Greenton-----	Moderately limited ~slope (moderately limited)	0.45	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Moderately limited ~erodes easily (moderately limited)	0.60	Moderately limited ~erodes easily (moderately limited)	0.60
			~percs slowly (moderately limited)	0.39	~erodes easily (moderately limited)	0.60	~wetness (moderately limited)	0.60	~wetness (moderately limited)	0.60
					~slow intake (moderately limited)	0.60	~slope (moderately limited)	0.45	~slope (moderately limited)	0.45
13B: Sampsel-----	Slightly limited ~slope (slightly limited)	0.10	Moderately limited ~slope (moderately limited)	0.40	Moderately limited ~erodes easily (moderately limited)	0.60	Very limited ~wetness (very limited)	1.00	Very limited ~wetness (very limited)	1.00
			~percs slowly (moderately limited)	0.39	~slow intake (moderately limited)	0.60	~erodes easily (moderately limited)	0.60	~erodes easily (moderately limited)	0.60
					~slope (moderately limited)	0.40	~slope (slightly limited)	0.10	~slope (slightly limited)	0.10
13C: Sampsel-----	Moderately limited ~slope (moderately limited)	0.45	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~wetness (very limited)	1.00	Very limited ~wetness (very limited)	1.00
			~percs slowly (moderately limited)	0.39	~erodes easily (moderately limited)	0.60	~erodes easily (moderately limited)	0.60	~erodes easily (moderately limited)	0.60
					~slow intake (moderately limited)	0.60	~slope (moderately limited)	0.45	~slope (moderately limited)	0.45

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Map symbol and soil name	Pond reservoir areas		Drainage		Irrigation		Terraces and diversions		Grassed waterways	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
14B: Barco-----	Limited ~depth to bedrock (limited)	0.63	Moderately limited ~slope (moderately limited)	0.40	Moderately limited ~slope (moderately limited)	0.40	Moderately limited ~depth to bedrock (moderately limited)	0.57	Limited ~depth to bedrock (limited)	0.63
	~seepage (moderately limited)	0.50	~percs slowly (slightly limited)	0.13	~percs slowly (slightly limited)	0.13	~slope (slightly limited)	0.10	~slope (slightly limited)	0.10
	~slope (slightly limited)	0.10								
17B: Polo-----	Moderately limited ~seepage (moderately limited)	0.50	Moderately limited ~slope (moderately limited)	0.40	Moderately limited ~slope (moderately limited)	0.40	Slightly limited ~slope (slightly limited)	0.10	Slightly limited ~slope (slightly limited)	0.10
	~slope (slightly limited)	0.10								
17C: Polo-----	Moderately limited ~seepage (moderately limited)	0.50	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Moderately limited ~slope (moderately limited)	0.45	Moderately limited ~slope (moderately limited)	0.45
	~slope (moderately limited)	0.45								
18B: Summit-----	Not limited		Moderately limited ~percs slowly (moderately limited)	0.39	Moderately limited ~slow intake (moderately limited)	0.60	Moderately limited ~erodes easily (moderately limited)	0.60	Moderately limited ~erodes easily (moderately limited)	0.60
					~erodes easily (moderately limited)	0.60	~wetness (slightly limited)	0.28	~wetness (slightly limited)	0.28
					~percs slowly (moderately limited)	0.39				

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Map symbol and soil name	Pond reservoir areas		Drainage		Irrigation		Terraces and diversions		Grassed waterways	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
18C: Summit-----	Slightly limited ~slope (slightly limited)	0.10	Moderately limited ~slope (moderately limited) ~percs slowly (moderately limited)	0.40	Moderately limited ~slow intake (moderately limited) ~erodes easily (moderately limited) ~slope (moderately limited)	0.60	Moderately limited ~erodes easily (moderately limited) ~wetness (slightly limited) ~slope (slightly limited)	0.60	Moderately limited ~erodes easily (moderately limited) ~wetness (slightly limited) ~slope (slightly limited)	0.60
19B: Weller-----	Slightly limited ~slope (slightly limited)	0.10	Moderately limited ~slope (moderately limited) ~percs slowly (moderately limited)	0.39	Moderately limited ~erodes easily (moderately limited) ~slope (moderately limited) ~percs slowly (moderately limited)	0.40	Moderately limited ~erodes easily (moderately limited) ~slope (slightly limited)	0.10	Moderately limited ~erodes easily (moderately limited) ~slope (slightly limited)	0.10
19C2: Weller-----	Moderately limited ~slope (moderately limited)	0.45	Very limited ~slope (very limited) ~percs slowly (moderately limited)	0.39	Very limited ~slope (very limited) ~erodes easily (moderately limited) ~percs slowly (moderately limited)	1.00	Moderately limited ~erodes easily (moderately limited) ~slope (moderately limited)	0.60	Moderately limited ~erodes easily (moderately limited) ~slope (moderately limited)	0.60
22C: Oska-----	Limited ~depth to bedrock (limited) ~slope (moderately limited)	0.70	Limited ~slope (limited) ~percs slowly (moderately limited)	0.39	Limited ~slope (limited) ~erodes easily (moderately limited) ~slow intake (moderately limited)	0.98	Limited ~depth to bedrock (limited) ~erodes easily (moderately limited) ~slope (moderately limited)	0.90	Limited ~depth to bedrock (limited) ~erodes easily (moderately limited) ~slope (moderately limited)	0.70

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Map symbol and soil name	Pond reservoir areas		Drainage		Irrigation		Terraces and diversions		Grassed waterways	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
28D: Coweta-----	Limited ~depth to bedrock (limited)	0.81	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~depth to bedrock (very limited)	1.00	Limited ~droughty (limited)	0.82
	~slope (limited)	0.80	~depth to bedrock (slightly limited)	0.22	~droughty (limited)	0.82	~slope (limited)	0.80	~depth to bedrock (limited)	0.81
			~percs slowly (slightly limited)	0.13	~depth to bedrock (slightly limited)	0.22			~slope (limited)	0.80
29D: Norris-----	Limited ~depth to bedrock (limited)	0.98	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~depth to bedrock (very limited)	1.00	Limited ~depth to bedrock (limited)	0.98
	~slope (limited)	0.80	~depth to bedrock (limited)	0.96	~depth to bedrock (limited)	0.96	~slope (limited)	0.80	~slope (limited)	0.80
			~percs slowly (moderately limited)	0.39	~droughty (limited)	0.76			~droughty (limited)	0.76
32: Freeburg-----	Moderately limited ~seepage (moderately limited)	0.50	Moderately limited ~flooding (moderately limited)	0.60	Moderately limited ~flooding (moderately limited)	0.60	Moderately limited ~erodes easily (moderately limited)	0.60	Moderately limited ~erodes easily (moderately limited)	0.60
					~erodes easily (moderately limited)	0.60	~wetness (moderately limited)	0.44	~wetness (moderately limited)	0.44
33: Zook-----	Not limited		Moderately limited ~flooding (moderately limited)	0.60	Moderately limited ~slow intake (moderately limited)	0.60	Moderately limited ~erodes easily (moderately limited)	0.60	Moderately limited ~erodes easily (moderately limited)	0.60
			~percs slowly (moderately limited)	0.39	~flooding (moderately limited)	0.60	~wetness (moderately limited)	0.44	~wetness (moderately limited)	0.44
					~erodes easily (moderately limited)	0.60				
34: Blackoar-----	Moderately limited ~seepage (moderately limited)	0.50	Moderately limited ~flooding (moderately limited)	0.60	Moderately limited ~flooding (moderately limited)	0.60	Very limited ~wetness (very limited)	1.00	Very limited ~wetness (very limited)	1.00

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
36: Bremer-----	Not limited		Slightly limited ~percs slowly (slightly limited)	0.13	Slightly limited ~percs slowly (slightly limited)	0.13	Moderately limited ~wetness (moderately limited)	0.60	Moderately limited ~wetness (moderately limited)	0.60
37: Moniteau-----	Not limited		Moderately limited ~flooding (moderately limited) ~percs slowly (slightly limited)	0.60 0.13	Moderately limited ~flooding (moderately limited) ~erodes easily (moderately limited) ~percs slowly (slightly limited)	0.60 0.60 0.60 0.13	Limited ~wetness (limited) ~erodes easily (moderately limited)	0.99 0.60	Limited ~wetness (limited) ~erodes easily (moderately limited)	0.99 0.60
40: Haig-----	Moderately limited ~seepage (moderately limited)	0.50	Moderately limited ~percs slowly (moderately limited)	0.39	Moderately limited ~erodes easily (moderately limited) ~percs slowly (moderately limited)	0.60 0.39	Moderately limited ~erodes easily (moderately limited) ~wetness (moderately limited)	0.60 0.60 0.60	Moderately limited ~erodes easily (moderately limited) ~wetness (moderately limited)	0.60 0.60 0.60
47C: Mandeville-----	Limited ~depth to bedrock (limited) ~seepage (moderately limited) ~slope (moderately limited)	0.81 0.50 0.45	Very limited ~slope (very limited) ~percs slowly (moderately limited) ~depth to bedrock (slightly limited)	1.00 0.39 0.21	Very limited ~slope (very limited) ~erodes easily (moderately limited) ~percs slowly (moderately limited)	1.00 0.60 0.39	Very limited ~depth to bedrock (very limited) ~erodes easily (moderately limited) ~slope (moderately limited)	1.00 0.60 0.45	Limited ~depth to bedrock (limited) ~erodes easily (moderately limited) ~slope (moderately limited)	0.81 0.60 0.45
49D: Eram-----	Limited ~slope (limited) ~depth to bedrock (moderately limited)	0.80 0.57	Very limited ~slope (very limited) ~percs slowly (moderately limited)	1.00 0.39	Very limited ~slope (very limited) ~erodes easily (moderately limited) ~percs slowly (moderately limited)	1.00 0.60 0.39	Limited ~slope (limited) ~erodes easily (moderately limited) ~depth to bedrock (moderately limited)	0.80 0.60 0.47	Limited ~slope (limited) ~erodes easily (moderately limited) ~depth to bedrock (moderately limited)	0.80 0.60 0.57

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
51B: Kenoma-----	Not limited		Very limited ~percs slowly	1.00	Very limited ~percs slowly	1.00	Moderately limited ~erodes easily	0.60	Moderately limited ~erodes easily	0.60
			(very limited) ~slope	0.10	(very limited) ~erodes easily	0.60	(moderately limited)		(moderately limited)	
			(slightly limited)		(moderately limited) ~slope	0.10				
					(slightly limited)					
51C: Kenoma-----	Moderately limited ~slope (moderately limited)	0.30	Very limited ~percs slowly (very limited) ~slope (limited)	1.00 0.98	Very limited ~percs slowly (very limited) ~slope (limited) ~erodes easily (moderately limited)	1.00 0.98 0.60	Moderately limited ~erodes easily (moderately limited) ~slope (moderately limited)	0.60 0.30	Moderately limited ~erodes easily (moderately limited) ~slope (moderately limited)	0.60 0.30
52C: Nowata-----	Moderately limited ~depth to bedrock (moderately limited) ~slope (moderately limited)	0.52 0.30	Very limited ~large stones (very limited) ~slope (limited) ~percs slowly (slightly limited)	1.00 0.98 0.13	Limited ~slope (limited) ~erodes easily (moderately limited) ~percs slowly (slightly limited)	0.98 0.60 0.13	Moderately limited ~erodes easily (moderately limited) ~depth to bedrock (moderately limited) ~slope (moderately limited)	0.60 0.42 0.30	Moderately limited ~erodes easily (moderately limited) ~depth to bedrock (moderately limited) ~slope (moderately limited)	0.60 0.52 0.30
62B: Macksburg-----	Moderately limited ~seepage (moderately limited) ~slope (slightly limited)	0.50 0.10	Moderately limited ~slope (moderately limited) ~percs slowly (slightly limited)	0.40 0.13	Moderately limited ~slope (moderately limited) ~slow intake (moderately limited) ~percs slowly (slightly limited)	0.40 0.30 0.13	Slightly limited ~slope (slightly limited)	0.10	Slightly limited ~slope (slightly limited)	0.10

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Urban land-----	Not rated		Not rated		Not rated		Not rated		Not rated	
93: Verdigris-----	Moderately limited ~seepage (moderately limited)	0.50	Moderately limited ~flooding (moderately limited)	0.60	Moderately limited ~flooding (moderately limited)	0.60	Not limited		Not limited	
AED: Arents, earthen dam-----	Not rated		Not rated		Not rated		Not rated		Not rated	
M-W: Water-----	Not Rated		Not Rated		Not Rated		Not Rated		Not Rated	
			Not Rated		Not Rated		Not Rated		Not Rated	
			Not Rated		Not Rated		Not Rated		Not Rated	
W: Water-----	Not Rated		Not Rated		Not Rated		Not Rated		Not Rated	
			Not Rated		Not Rated		Not Rated		Not Rated	
			Not Rated		Not Rated		Not Rated		Not Rated	