Physical Soil Properties

Washington County, Arkansas

[Entries under "Erosion Factors--T" apply to the entire profile. Entries under "Wind Erodibility Group" and "Wind Erodibility Index" apply only to the surface layer. Absence of an entry indicates that data were not estimated]

	Depth Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind	Wind erodi-
Depth									Kw	Kf	т	bility group	bility index
In	Pct	Pct	Pct	g/cc	micro m/sec	In/In	Pct	Pct					
0-10			10-18	1.30-1.50	42.00-141.00	0.08-0.20	0.0-2.9	0.5-2.0	.02	.37	5	8	0
10-72			15-32	1.40-1.70	42.00-141.00	0.02-0.16	0.0-2.9	0.1-1.0	.02	.37			
	In 0-10 10-72	In Pct 0-10 10-72	In Pct Pct 0-10 10-72	In Pct Pct Pct 0-10 10-18 10-72 15-32	Depth Sand Silt Clay bulk density In Pct Pct Pct g/cc 0-10 10-18 1.30-1.50 10-72 15-32 1.40-1.70	DepthSandSiltClaybulk densityhydraulic conductivityInPctPctPctg/ccmicro m/sec0-1010-181.30-1.5042.00-141.0010-7215-321.40-1.7042.00-141.00	DepthSandSiltClaybulk densityhydraulic conductivitywater capacityInPctPctPctg/ccmicro m/secIn/In0-1010-181.30-1.5042.00-141.000.08-0.2010-7215-321.40-1.7042.00-141.000.02-0.16	DepthSandSiltClaybulk densityhydraulic conductivitywater capacityextensi- bilityInPctPctPctg/ccmicro m/secIn/InPct0-1010-181.30-1.5042.00-141.000.08-0.200.0-2.910-7215-321.40-1.7042.00-141.000.02-0.160.0-2.9	DepthSandSiltClaybulk densityhydraulic conductivitywater capacityextensi- bilityOrganic matterInPctPctPctg/ccmicro m/secIn/InPctPct0-1010-181.30-1.5042.00-141.000.08-0.200.0-2.90.5-2.010-7215-321.40-1.7042.00-141.000.02-0.160.0-2.90.1-1.0	DepthSandSiltClayMoist bulk densitySaturated hydraulic conductivityAvailable water capacityLinear extensi- bilityOrganic matterInPctPctPctg/ccmicro m/secIn/InPctPct0-1010-181.30-1.5042.00-141.000.08-0.200.0-2.90.5-2.0.0210-7215-321.40-1.7042.00-141.000.02-0.160.0-2.90.1-1.0.02	DepthSandSiltClayMoist bulk densitySaturated hydraulic conductivityAvailable water capacityLinear extensi- bilityOrganic matterInPctPctPctg/ccmicro m/secIn/InPctPct0-1010-181.30-1.5042.00-141.000.08-0.200.0-2.90.5-2.0.02.3710-7215-321.40-1.7042.00-141.000.02-0.160.0-2.90.1-1.0.02.37	DepthSandSiltClayMoist bulk densitySaturated hydraulic conductivityAvailable water capacityLinear extensi- bilityOrganic matterInPctPctPctg/ccmicro m/secIn/InPctPct0-1010-181.30-1.5042.00-141.000.08-0.200.0-2.90.5-2.0.02.37510-7215-321.40-1.7042.00-141.000.02-0.160.0-2.90.1-1.0.02.37	DepthSandSiltClayMoist bulk densitySaturated hydraulic conductivityAvailable water capacityLinear extensi- bilityOrganic matterOrganic mattererodi- bilityInPctPctPctg/ccmicro m/secIn/InPctPctPct0-1010-181.30-1.5042.00-141.000.08-0.200.0-2.90.5-2.0.02.375810-7215-321.40-1.7042.00-141.000.02-0.160.0-2.90.1-1.0.02.3758

