

# Chemical Soil Properties

Washington County, Arkansas

[Absence of an entry indicates that data were not estimated]

Map symbol and soil name	Depth	Cation-exchange capacity	Effective cation-exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
Jo:								
Johnsburg	0-8	---	2.4-4.9	4.5 - 5.5	0	0	0.1-0.4	0
	8-22	---	5.7-10	4.5 - 5.5	0	0	0.1-0.4	0
	22-31	---	7.8-21	4.2 - 5.5	0	0	0.1-0.4	0
	31-43	---	8.3-21	4.2 - 5.5	0	0	0.1-0.4	0
	43-56	---	8.3-21	4.2 - 5.5	0	0	0.1-0.4	0
	56-80	---	8.3-21	4.2 - 5.5	0	0	0.2-0.6	0
Aquults	0-10	5.0-12	4.0-10	4.5 - 6.5	0	0	0.0-2.0	0
	10-18	5.0-15	5.0-11	4.5 - 6.0	0	0	0.0-2.0	0
	18-36	12-35	5.0-25	3.5 - 5.5	0	0	0.0-2.0	0
	36-80	8.0-31	6.0-32	3.5 - 5.5	0	0	0.0-2.0	0
Cherokee	0-7	10-15	10-20	4.5 - 7.3	0	0	0.0-2.0	0
	7-13	10-15	9.0-15	4.5 - 6.5	0	0	0.0-2.0	0
	13-32	25-40	20-30	4.5 - 6.0	0	0	0.0-2.0	0
	32-52	10-20	10-20	5.1 - 6.0	0	0	0.0-2.0	0
	52-70	10-25	9.0-15	5.1 - 6.0	0	0	0.0-2.0	0
Leaf	0-10	5.0-12	4.0-10	4.5 - 6.5	0	0	0.0-2.0	0
	10-18	5.0-15	5.0-11	4.5 - 6.0	0	0	0.0-2.0	0
	18-36	12-35	5.0-25	3.5 - 5.5	0	0	0.0-2.0	0
	36-80	8.0-31	6.0-32	3.5 - 5.5	0	0	0.0-2.0	0
Captina	0-6	15-30	5.0-15	5.1 - 6.5	0	0	0.0-2.0	0
	6-27	10-25	10-25	5.1 - 6.5	0	0	0.0-2.0	0
	27-46	10-20	10-25	3.5 - 5.5	0	0	0.0-2.0	0
	46-80	10-25	10-25	3.5 - 5.5	0	0	0.0-2.0	0
Mayes	0-19	18-36	---	5.6 - 6.5	0	0	0.0-2.0	0
	19-80	17-27	---	6.6 - 7.3	0	0	0.0-2.0	0