

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 carbon- ate	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>	
ToA:								
Taloka	0-12	8.0-14	---	5.1 - 6.5	0	0	0.0	0
	12-22	8.0-13	---	5.1 - 6.5	0	0	0.0	0
	22-38	18-32	---	5.1 - 7.8	0	0	0.0	0
	38-49	18-32	---	5.1 - 7.8	0	0	0.0	0
	49-79	18-32	---	5.1 - 7.8	0	0	0.0	0
Parsons	0-10	10-15	---	5.1 - 6.5	0	0	0.0	0
	10-12	10-15	---	5.1 - 6.5	0	0	0.0	0
	12-39	21-36	---	5.1 - 7.8	0	0	0.0	0
	39-79	21-36	---	5.1 - 7.8	0	0	0.0	0
Aquolls	0-8	15-23	---	5.1 - 6.5	0	0	0.0-2.0	0
	8-14	30-44	---	5.1 - 7.3	0	0	0.0-4.0	0-7
	14-31	30-44	---	5.1 - 7.3	0	0	0.0-4.0	0-7
	31-43	29-43	---	5.6 - 7.3	0	0	0.0-4.0	0-7
	43-79	22-37	---	5.6 - 7.3	0	0	0.0-4.0	0-5
Okemah	0-11	14-19	---	5.6 - 7.3	0	0	0.0-1.0	0
	11-20	11-19	---	5.6 - 7.3	0	0	0.0-1.0	0
	20-40	18-29	---	5.6 - 7.8	0	0	0.0-1.0	0
	40-62	18-29	---	6.6 - 8.4	0-2	0-2	0.0-1.0	0
Carytown	0-9	6.4-14	---	5.1 - 6.5	0	0	0.0-2.0	0
	9-15	6.4-14	---	5.1 - 6.0	0	0	0.0-2.0	0
	15-48	20-31	---	5.6 - 7.3	0	0	0.0-2.0	13-15
	48-80	15-29	---	7.4 - 7.8	0	0	0.0-2.0	13-16
Jay	0-9	5.4-15	---	5.1 - 6.5	0	0	0.1-0.4	0
	9-16	---	2.3-8.4	5.1 - 6.5	0	0	0.1-0.4	0
	16-25	---	4.3-14	4.5 - 6.0	0	0	0.1-0.4	0
	25-29	---	4.4-18	4.5 - 6.0	0	0	0.1-0.4	0
	29-46	---	4.6-18	4.5 - 6.0	0	0	0.1-0.4	0
	46-80	10-18	---	5.1 - 6.5	0	0	0.1-0.4	0