United States
Department of
Agriculture

Soil
Conservation
Service

In cooperation with
Regents of the University
of California (Agricultural
Experiment Station)

Soil Survey of Sacramento County, California

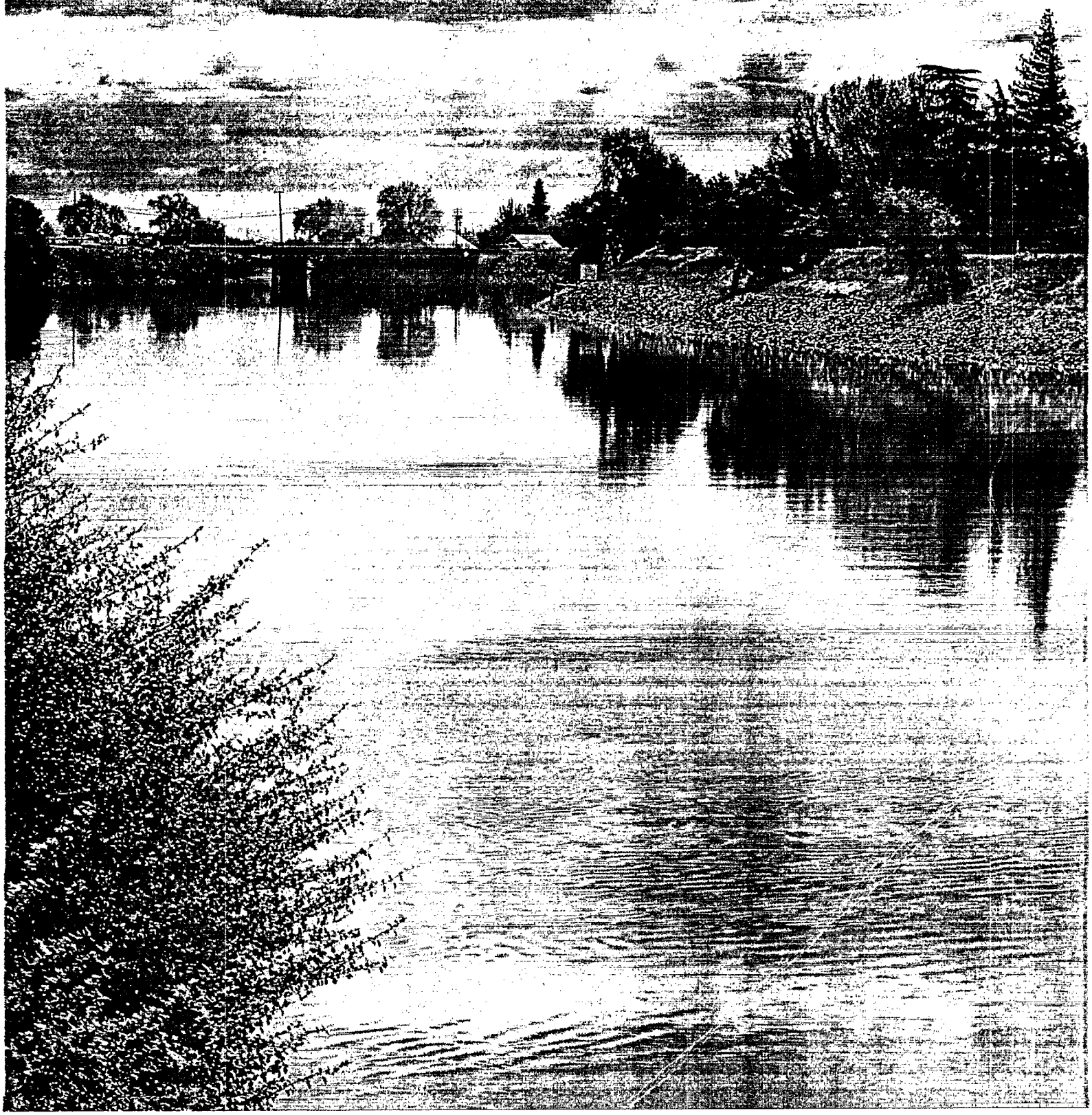

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TABLE 18.--PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS--Continued

Soil name and map symbol	Depth	Clay	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors K	Erosion factors T	Wind erodi-bility group	Organic matter
	In	Pct	In/hr	In/in	pH	mmhos/cm					Pct
239*:											
Xerarents.											
Redding---------	0-7	10-25	0.6-2.0	0.14-0.16	5.1-6.5	---	Low--------	0.37	2	8	<2
	7-20	18-30	0.2-0.6	0.13-0.17	5.1-6.5	---	Moderate	0.28			
	20-28	35-66	<0.06	0.04-0.06	5.6-6.5	---	High-------	0.28			
	28-66	---	---	---	---	---	----------	----			
240*:											
Xerarents.											
Urban land.											
San Joaquin------	0-13	10-20	0.6-2.0	0.10-0.13	5.6-6.5	---	Low--------	0.32	2	8	.5-1
	13-30	15-25	0.2-0.6	0.16-0.17	6.1-7.3	---	Low--------	0.28			
	30-35	35-50	<0.06	0.04-0.06	6.1-7.8	---	High-------	0.24			
	35-60	---	---	---	---	---	----------	----			
	60-67	10-25	0.06-0.2	0.10-0.12	6.1-7.8	---	Low--------	0.32			
241*:											
Xerarents.											
Urban land.											
Fiddyment--------	0-14	10-18	0.6-2.0	0.14-0.16	5.6-7.3	---	Low--------	0.43	2	8	1-2
	14-28	30-35	<0.06	0.04-0.06	6.1-7.8	---	High-------	0.28			
	28-34	---	---	---	---	---	----------	----			
	34	---	---	---	---	---	----------	----			
242.											
Xerofluvents											
243.											
Xerolls											
244.											
Xeropsamments											
245.											
Xerorthents											
246*:											
Xerorthents.											
Urban land.											

* See description of the map unit for composition and behavior characteristics of the map unit.

TABLE 18.--PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS--Continued

Soil name and map symbol	Depth	Clay	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors K	Erosion factors T	Wind erodi-bility group	Organic matter
	In	Pct	In/hr	In/in	pH	mmhos/cm					Pct
229*:											
Fiddyment--------	0-8	10-18	0.6-2.0	0.12-0.14	5.6-7.3	---	Low--------	0.37	2	8	1-2
	8-15	10-18	0.6-2.0	0.14-0.16	5.6-7.3	---	Low--------	0.43			
	15-28	27-35	<0.06	0.04-0.06	6.1-7.8	---	Moderate	0.32			
	28-40	---	---	---	---	---	----------	----			
	40	---	---	---	---	---	----------	----			
230---------- Valpac	0-10	18-27	0.6-2.0	0.16-0.18	6.6-7.8	---	Low--------	0.37	5	5	1-3
	10-61	20-35	0.2-0.6	0.15-0.19	7.4-8.4	<2	Moderate	0.32			
231*:											
Valpac----------	0-10	18-27	0.6-2.0	0.16-0.18	6.6-7.8	---	Low--------	0.37	5	5	1-3
	10-61	20-35	0.2-0.6	0.15-0.19	7.4-8.4	<2	Moderate	0.32			
Urban land.											
232---------- Valpac Variant	0-16	12-18	2.0-6.0	0.11-0.13	6.6-7.8	<2	Low--------	0.32	5	3	1-3
	16-25	18-25	0.6-2.0	0.09-0.15	6.6-8.4	<2	Low--------	0.32			
	25-60	35-55	2.0-6.0	0.20-0.23	4.5-6.0	<2	Low--------	0.24			
233---------- Vina	0-5	12-18	2.0-6.0	0.12-0.14	6.1-7.3	---	Low--------	0.28	5	7	1-3
	5-61	12-18	0.6-2.0	0.13-0.16	6.1-7.8	---	Low--------	0.32			
234---------- Vina	0-5	10-20	2.0-6.0	0.12-0.14	6.1-7.3	---	Low--------	0.28	5	7	1-3
	5-61	12-18	0.6-2.0	0.13-0.16	6.1-7.8	---	Low--------	0.32			
235---------- Vleck	0-13	10-20	0.6-2.0	0.13-0.15	5.6-6.5	---	Low--------	0.32	2	8	<1
	13-25	40-60	<0.06	0.04-0.06	5.6-7.3	---	High-------	0.20			
	25-32	20-30	0.2-0.6	0.13-0.18	6.1-7.8	---	Moderate	0.28			
	32-50	---	---	---	---	---	----------	----			
	50-53	---	---	---	---	---	----------	----			
236*:											
Vleck----------	0-13	10-20	0.6-2.0	0.15-0.17	5.6-6.5	---	Low--------	0.37	2	8	<1
	13-25	40-60	<0.06	0.04-0.06	5.6-7.3	---	High-------	0.20			
	25-32	20-30	0.2-0.6	0.13-0.18	6.1-7.8	---	Moderate	0.28			
	32-50	---	---	---	---	---	----------	----			
	50-53	---	---	---	---	---	----------	----			
Amador----------	0-6	10-20	0.6-2.0	0.12-0.14	5.1-6.5	---	Low--------	0.32	1	8	<2
	6-19	12-25	0.6-2.0	0.12-0.16	4.5-6.0	---	Low--------	0.37			
	19	---	---	---	---	---	----------	----			
Pits.											
237---------- Whiterock	0-8	12-25	0.6-2.0	0.14-0.16	5.1-6.0	---	Low--------	0.37	1	8	<2
	8	---	---	---	---	---	----------	----			
238*:											
Xerarents.											
San Joaquin-----	0-13	10-20	0.6-2.0	0.10-0.13	5.6-6.5	---	Low--------	0.32	2	8	.5-1
	13-30	15-25	0.2-0.6	0.16-0.17	6.1-7.3	---	Low--------	0.28			
	30-35	35-50	<0.06	0.04-0.06	6.1-7.8	---	High-------	0.24			
	35-60	---	---	---	---	---	----------	----			
	60-67	10-25	0.06-0.2	0.10-0.12	6.1-7.8	---	Low--------	0.32			

See footnote at end of table.

TABLE 18.--PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS--Continued

Soil name and map symbol	Depth	Clay	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors K	Erosion factors T	Wind erodi-bility group	Organic matter
	In	Pct	In/hr	In/in	pH	mmhos/cm					Pct
219*:											
San Joaquin-----	0-23	15-25	0.6-2.0	0.14-0.16	5.6-6.5	---	Low-------	0.37	2	8	.5-1
	23-28	35-50	<0.06	0.04-0.06	6.1-7.8	---	High------	0.24			
	28-54	---	---	---	---	---	----------	----			
	54-60	10-25	0.06-0.2	0.10-0.12	6.1-7.8	---	Low-------	0.32			
Urban land.											
220*:											
San Joaquin-----	0-13	10-20	0.6-2.0	0.10-0.13	5.6-6.5	---	Low-------	0.32	2	8	.5-1
	13-30	15-25	0.2-0.6	0.16-0.17	6.1-7.3	---	Low-------	0.28			
	30-35	35-50	<0.06	0.04-0.06	6.1-7.8	---	High------	0.24			
	35-60	---	---	---	---	---	----------	----			
	60-67	10-25	0.06-0.2	0.10-0.12	6.1-7.8	---	Low-------	0.32			
Urban land.											
221*:											
San Joaquin-----	0-23	15-25	0.6-2.0	0.14-0.16	5.6-6.5	---	Low-------	0.37	2	8	.5-1
	23-28	35-50	<0.06	0.04-0.06	6.1-7.8	---	High------	0.24			
	28-54	---	---	---	---	---	----------	----			
	54-60	10-25	0.06-0.2	0.10-0.12	6.1-7.8	---	Low-------	0.32			
Xerarents.											
222---------- Scribner	0-12	27-35	0.2-0.6	0.19-0.21	6.1-7.8	<2	Moderate	0.24	5	4	2-10
	12-39	25-35	0.2-0.6	0.17-0.21	6.6-8.4	<2	Moderate	0.24			
	39-60	20-35	0.2-0.6	0.15-0.19	6.6-8.4	<2	Moderate	0.32			
223*. Slickens											
224---------- Tehama	0-24	12-20	0.6-2.0	0.14-0.17	5.6-6.5	---	Low-------	0.43	5	8	<1
	24-67	27-35	0.06-0.2	0.17-0.19	6.6-7.8	---	Moderate	0.37			
225---------- Tinnin	0-12	0-10	6.0-20	0.06-0.08	6.1-7.8	---	Low-------	0.17	5	2	1-2
	12-64	0-10	6.0-20	0.05-0.07	6.6-8.4	<2	Low-------	0.17			
226*:											
Tinnin----------	0-12	0-10	6.0-20	0.06-0.08	6.1-7.8	---	Low-------	0.17	5	2	1-2
	12-64	0-10	6.0-20	0.05-0.07	6.6-8.4	<2	Low-------	0.17			
Urban land.											
227*. Urban land											
228*:											
Urban land.											
Natomas---------	0-17	15-25	0.6-2.0	0.14-0.17	6.1-7.3	---	Low-------	0.32	5	8	1-3
	17-33	20-30	0.6-2.0	0.15-0.18	5.6-7.3	---	Low-------	0.32			
	33-78	27-35	0.2-0.6	0.17-0.19	5.1-6.5	---	Moderate	0.28			
	78-84	15-20	0.6-2.0	0.10-0.12	6.1-7.3	---	Low-------	0.24			
229*:											
Urban land.											
Xerarents.											

See footnote at end of table.

TABLE 18.--PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS--Continued

Soil name and map symbol	Depth	Clay	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors K	Erosion factors T	Wind erodi-bility group	Organic matter
	In	Pct	In/hr	In/in	pH	mmhos/cm					Pct
206, 207, 208---- Sailboat	0-16	15-27	0.6-2.0	0.15-0.19	6.1-7.3	---	Low-------	0.43	5	5	<2
	16-28	18-35	0.2-0.6	0.15-0.19	6.6-7.8	---	Moderate	0.37			
	28-34	25-35	0.2-0.6	0.15-0.19	7.4-8.4	<2	Moderate	0.24			
	34-62	10-27	0.6-2.0	0.14-0.19	7.4-8.4	<2	Low-------	0.43			
209*:											
Sailboat--------	0-16	15-27	0.6-2.0	0.15-0.19	6.1-7.3	---	Low-------	0.43	5	5	<2
	16-28	18-35	0.2-0.6	0.15-0.19	6.6-7.8	---	Moderate	0.37			
	28-34	25-35	0.2-0.6	0.15-0.19	7.4-8.4	<2	Moderate	0.24			
	34-62	10-27	0.6-2.0	0.14-0.19	7.4-8.4	<2	Low-------	0.43			
Urban land.											
210---------- Sailboat Variant	0-23	27-35	0.2-0.6	0.18-0.20	6.6-7.8	<4	Moderate	0.37	5	7	1-3
	23-33	27-35	2.0-6.0	0.20-0.22	6.1-7.3	<2	Low-------	0.28			
	33-57	20-35	2.0-6.0	0.18-0.22	6.1-7.3	<2	Low-------	0.28			
	57-64	---	6.0-20	0.26-0.30	5.6-6.5	2-4	Low-------	----			
211, 212--------- San Joaquin	0-13	10-20	0.6-2.0	0.10-0.13	5.6-6.5	---	Low-------	0.32	2	8	.5-1
	13-30	20-25	0.2-0.6	0.16-0.17	6.1-7.3	---	Low-------	0.28			
	30-35	35-50	<0.06	0.04-0.06	6.1-7.8	---	High------	0.24			
	35-60	---	---	---	---	---	----------	----			
	60-67	10-25	0.06-0.2	0.10-0.12	6.1-7.8	---	Low-------	0.32			
213, 214, 215---- San Joaquin	0-23	15-25	0.6-2.0	0.14-0.16	5.6-6.5	---	Low-------	0.37	2	8	.5-1
	23-28	35-50	<0.06	0.04-0.06	6.1-7.8	---	High------	0.24			
	28-54	---	---	---	---	---	----------	----			
	54-60	10-25	0.06-0.2	0.10-0.12	6.1-7.8	---	Low-------	0.32			
216*:											
San Joaquin-----	0-23	15-25	0.6-2.0	0.14-0.16	5.6-6.5	---	Low-------	0.37	2	8	.5-1
	23-28	35-50	<0.06	0.04-0.06	6.1-7.8	---	High------	0.24			
	28-54	---	---	---	---	---	----------	----			
	54-60	10-25	0.06-0.2	0.10-0.12	6.1-7.8	---	Low-------	0.32			
Durixeralfs.											
217*:											
San Joaquin-----	0-15	15-25	0.6-2.0	0.14-0.16	5.6-6.5	---	Low-------	0.37	2	8	.5-1
	15-20	35-50	<0.06	0.04-0.06	6.1-7.8	---	High------	0.24			
	20-46	---	---	---	---	---	----------	----			
	46-60	10-25	0.06-0.2	0.10-0.12	6.1-7.8	---	Low-------	0.32			
Galt----------	0-6	10-20	0.6-2.0	0.15-0.17	6.1-7.3	---	Low-------	0.43	2	8	<1
	6-19	40-60	0.06-0.2	0.12-0.15	6.1-7.3	---	High------	0.24			
	19-38	40-60	0.06-0.2	0.12-0.14	6.6-8.4	<2	High------	0.24			
	38-60	---	---	---	---	---	----------	----			
218*:											
San Joaquin-----	0-23	15-25	0.6-2.0	0.14-0.16	5.6-6.5	---	Low-------	0.37	2	8	.5-1
	23-28	35-50	<0.06	0.04-0.06	6.1-7.8	---	High------	0.24			
	28-54	---	---	---	---	---	----------	----			
	54-60	10-25	0.06-0.2	0.10-0.12	6.1-7.8	---	Low-------	0.32			
Galt----------	0-13	40-60	0.06-0.2	0.12-0.15	6.1-7.3	---	High------	0.24	2	8	1-2
	13-32	40-60	0.06-0.2	0.12-0.14	6.6-8.4	<2	High------	0.24			
	32-60	---	---	---	---	---	----------	----			

See footnote at end of table.

TABLE 18.--PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS--Continued

Soil name and map symbol	Depth	Clay	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors K	Erosion factors T	Wind erodi-bility group	Organic matter
	In	Pct	In/hr	In/in	pH	mmhos/cm					Pct
194*:											
Red Bluff-------	0-8	15-27	0.6-2.0	0.14-0.16	5.1-6.0	---	Low-------	0.32	5	8	<2
	8-25	27-35	0.2-0.6	0.12-0.18	5.1-6.5	---	Moderate	0.24			
	25-43	35-60	0.2-0.6	0.10-0.15	5.6-6.5	---	Moderate	0.24			
	43-68	30-50	0.2-0.6	0.09-0.13	5.6-6.5	---	Moderate	0.24			
Urban land.											
195*:											
Red Bluff-------	0-8	15-27	0.6-2.0	0.14-0.16	5.1-6.0	---	Low-------	0.32	5	8	<2
	8-25	27-35	0.2-0.6	0.12-0.18	5.1-6.5	---	Moderate	0.24			
	25-43	35-60	0.2-0.6	0.10-0.15	5.6-6.5	---	Moderate	0.24			
	43-68	30-50	0.2-0.6	0.09-0.13	5.6-6.5	---	Moderate	0.24			
Xerarents.											
196*:											
Red Bluff-------	0-8	15-27	0.6-2.0	0.14-0.16	5.1-6.0	---	Low-------	0.32	5	8	<2
	8-25	27-35	0.2-0.6	0.12-0.18	5.1-6.5	---	Moderate	0.24			
	25-43	35-60	0.2-0.6	0.10-0.15	5.6-6.5	---	Moderate	0.24			
	43-68	30-50	0.2-0.6	0.09-0.13	5.6-6.5	---	Moderate	0.24			
Xerorthents.											
197---------- Redding	0-7	10-25	0.6-2.0	0.14-0.16	5.1-6.5	---	Low-------	0.37	2	8	<2
	7-20	18-30	0.2-0.6	0.13-0.17	5.1-6.5	---	Moderate	0.28			
	20-28	35-60	<0.06	0.04-0.06	5.6-6.5	---	High------	0.28			
	28-66	---	---	---	---	---	----------	----			
198---------- Redding	0-7	10-25	0.6-2.0	0.10-0.14	5.1-6.5	---	Low-------	0.24	2	8	<2
	7-20	18-30	0.2-0.6	0.11-0.14	5.1-6.5	---	Moderate	0.24			
	20-28	35-60	<0.06	0.04-0.06	5.6-6.5	---	High------	0.20			
	28-66	---	---	---	---	---	----------	----			
199---------- Reiff	0-7	5-15	2.0-6.0	0.09-0.11	6.1-7.8	---	Low-------	0.32	5	5	1-2
	7-58	8-18	2.0-6.0	0.11-0.16	6.6-7.8	---	Low-------	0.32			
	58-65	15-25	0.6-2.0	0.16-0.19	6.6-7.8	---	Low-------	0.37			
200---------- Rindge	0-16	---	6.0-20	0.26-0.30	4.5-6.5	2-4	Low-------	0.02	5	2	35-55
	16-60	---	6.0-20	0.26-0.30	4.5-6.5	2-4	Low-------	0.02			
201---------- Rindge	0-13	20-27	2.0-6.0	0.20-0.22	5.6-7.3	2-4	Low-------	0.28	5	3	10-25
	13-60	---	6.0-20	0.26-0.30	4.5-6.5	2-4	Low-------	0.02			
202---------- Rindge	0-15	27-35	2.0-6.0	0.20-0.22	5.6-7.3	2-4	Low-------	0.28	5	3	10-25
	15-60	---	6.0-20	0.26-0.30	4.5-6.5	2-4	Low-------	0.02			
203*. Riverwash											
204---------- Rossmoor	0-6	5-15	2.0-6.0	0.13-0.15	6.6-7.8	---	Low-------	0.20	5	8	2-3
	6-62	5-15	2.0-6.0	0.12-0.14	6.6-7.8	---	Low-------	0.24			
205*:											
Rossmoor--------	0-6	5-15	2.0-6.0	0.13-0.15	6.6-7.8	---	Low-------	0.20	5	8	2-3
	6-62	5-15	2.0-6.0	0.12-0.14	6.6-7.8	---	Low-------	0.24			
Urban land.											

See footnote at end of table.

TABLE 18.--PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS--Continued

Soil name and map symbol	Depth	Clay	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors K	Erosion factors T	Wind erodi-bility group	Organic matter
	In	Pct	In/hr	In/in	pH	mmhos/cm					Pct
184*, 185*:											
Orangevale------	0-15	8-16	2.0-6.0	0.07-0.10	6.1-7.3	---	Low-------	0.24	5	8	<2
	15-20	12-25	0.6-2.0	0.08-0.11	6.1-7.3	---	Low-------	0.28			
	20-72	20-30	0.6-2.0	0.08-0.11	6.1-7.3	---	Moderate	0.28			
	72-80	15-20	2.0-6.0	0.08-0.10	6.1-7.3	---	Low-------	0.28			
Kaseberg--------	0-18	10-20	0.6-2.0	0.14-0.17	5.6-7.3	---	Low-------	0.43	1	8	.5-1
	18-19	---	---	---	---	---	----------	----			
	19-22	---	---	---	---	---	----------	----			
Urban land.											
186*:											
Orthents.											
Urban land.											
187*:											
Pardee----------	0-11	8-18	0.6-2.0	0.10-0.14	5.1-6.5	---	Low-------	0.20	1	8	1-2
	11-16	18-30	0.2-0.6	0.08-0.11	5.6-6.5	---	Low-------	0.10			
	16	---	---	---	---	---	----------	----			
Ranchoseco------	0-3	12-22	0.6-2.0	0.11-0.15	4.5-6.0	---	Low-------	0.17	1	8	<1
	3-7	15-25	0.6-2.0	0.06-0.11	5.1-6.5	---	Low-------	0.15			
	7	---	---	---	---	---	----------	----			
188*:											
Pentz----------	0-9	8-18	2.0-6.0	0.11-0.13	5.1-6.5	---	Low-------	0.28	1	8	1-3
	9-16	10-20	2.0-6.0	0.11-0.15	5.6-7.3	---	Low-------	0.37			
	16	---	---	---	---	---	----------	----			
Lithic Xerorthents.											
189---------- Peters	0-18	40-60	0.06-0.2	0.14-0.16	5.6-7.3	---	High------	0.24	1	8	1-3
	18	---	---	---	---	---	----------	----			
190*. Pits											
191---------- Red Bluff	0-8	15-27	0.6-2.0	0.14-0.16	5.1-6.5	---	Low-------	0.32	5	8	<2
	8-25	27-35	0.2-0.6	0.15-0.19	6.1-7.3	---	Moderate	0.32			
	25-68	35-60	0.2-0.6	0.10-0.15	6.1-7.3	---	Moderate	0.24			
192---------- Red Bluff	0-8	15-27	0.6-2.0	0.14-0.16	5.1-6.0	---	Low-------	0.32	5	8	<2
	8-25	27-35	0.2-0.6	0.12-0.18	5.1-6.5	---	Moderate	0.24			
	25-43	35-60	0.2-0.6	0.10-0.15	5.6-6.5	---	Moderate	0.24			
	43-68	30-50	0.2-0.6	0.09-0.13	5.6-6.5	---	Moderate	0.24			
193*:											
Red Bluff-------	0-8	15-27	0.6-2.0	0.14-0.16	5.1-6.0	---	Low-------	0.32	5	8	<2
	8-25	27-35	0.2-0.6	0.12-0.18	5.1-6.5	---	Moderate	0.24			
	25-43	35-60	0.2-0.6	0.10-0.15	5.6-6.5	---	Moderate	0.24			
	43-68	30-50	0.2-0.6	0.09-0.13	5.6-6.5	---	Moderate	0.24			
Redding---------	0-7	10-25	0.6-2.0	0.10-0.14	5.1-6.5	---	Low-------	0.24	2	8	<2
	7-20	18-30	0.2-0.6	0.11-0.14	5.1-6.5	---	Moderate	0.24			
	20-28	35-60	<0.06	0.04-0.06	5.6-6.5	---	High------	0.20			
	28-66	---	---	---	---	---	----------	----			

See footnote at end of table.

TABLE 18.--PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS--Continued

Soil name and map symbol	Depth	Clay	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors K	Erosion factors T	Wind erodi-bility group	Organic matter
	In	Pct	In/hr	In/in	pH	mmhos/cm					Pct
173*:											
Liveoak---------	0-18	20-25	0.6-2.0	0.14-0.16	6.1-7.3	---	Low--------	0.20	5	8	1-3
	18-48	18-25	0.6-2.0	0.14-0.16	6.6-7.8	---	Low--------	0.28			
	48-60	5-15	2.0-6.0	0.06-0.11	6.6-8.4	---	Low--------	0.17			
Urban land.											
174, 175--------- Madera	0-15	10-25	0.6-2.0	0.14-0.16	5.6-7.3	---	Low--------	0.37	2	8	<1
	15-29	35-55	<0.06	0.04-0.08	6.6-8.4	<2	High-------	0.24			
	29-60	---	---	---	---	---	----------	----			
176*:											
Madera----------	0-15	10-25	0.6-2.0	0.14-0.16	5.6-7.3	---	Low--------	0.37	2	8	<1
	15-29	35-55	<0.06	0.04-0.08	6.6-8.4	<2	High-------	0.24			
	29-60	---	---	---	---	---	----------	----			
Galt----------	0-13	40-60	0.06-0.2	0.12-0.15	6.1-7.3	---	High-------	0.24	2	8	1-2
	13-32	40-60	0.06-0.2	0.12-0.14	6.6-8.4	<2	High-------	0.24			
	32-60	---	---	---	---	---	----------	----			
177. Medisaprists											
178---------- Mokelumne	0-10	15-25	0.6-2.0	0.11-0.13	5.1-6.5	---	Low--------	0.24	2	8	1-2
	10-39	40-70	<0.06	0.06-0.10	3.6-5.0	---	Moderate	0.24			
	39-46	---	---	---	---	---	----------	----			
179*:											
Mokelumne--------	0-10	15-25	0.6-2.0	0.11-0.13	5.1-6.5	---	Low--------	0.24	2	8	1-2
	10-39	40-70	<0.06	0.06-0.10	3.6-5.0	---	Moderate	0.24			
	39-46	---	---	---	---	---	----------	----			
Pits.											
180---------- Mokelumne Variant	0-15	20-27	0.6-2.0	0.15-0.17	5.1-6.5	---	Low--------	0.24	4	8	1-3
	15-28	25-35	0.2-0.6	0.11-0.18	5.1-6.5	---	Moderate	0.28			
	28-35	35-45	0.2-0.6	0.09-0.16	5.1-6.0	---	Moderate	0.17			
	35-49	40-70	<0.06	0.04-0.06	3.6-5.0	---	High-------	0.15			
	49-57	25-35	0.2-0.6	0.15-0.17	3.6-5.0	---	Moderate	0.20			
	57-63	---	---	---	---	---	----------	----			
181---------- Natomas	0-17	15-25	0.6-2.0	0.14-0.17	6.1-7.3	---	Low--------	0.32	5	8	1-3
	17-33	20-30	0.6-2.0	0.15-0.18	5.6-7.3	---	Low--------	0.32			
	33-78	27-35	0.2-0.6	0.17-0.19	5.1-6.5	---	Moderate	0.28			
	78-84	15-20	0.6-2.0	0.10-0.12	6.1-7.3	---	Low--------	0.24			
182*:											
Natomas----------	0-17	15-25	0.6-2.0	0.14-0.17	6.1-7.3	---	Low--------	0.32	5	8	1-3
	17-33	20-30	0.6-2.0	0.15-0.18	5.6-7.3	---	Low--------	0.32			
	33-78	27-35	0.2-0.6	0.17-0.19	5.1-6.5	---	Moderate	0.28			
	78-84	15-20	0.6-2.0	0.10-0.12	6.1-7.3	---	Low--------	0.24			
Xerorthents.											
183---------- Orangevale	0-15	8-16	2.0-6.0	0.07-0.10	6.1-7.3	---	Low--------	0.24	5	8	<2
	15-20	12-25	0.6-2.0	0.08-0.11	6.1-7.3	---	Low--------	0.28			
	20-72	20-30	0.6-2.0	0.08-0.11	6.1-7.3	---	Moderate	0.28			
	72-80	15-20	2.0-6.0	0.08-0.10	6.1-7.3	---	Low--------	0.28			

See footnote at end of table.

TABLE 18.--PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS--Continued

Soil name and map symbol	Depth	Clay	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors K	Erosion factors T	Wind erodi-bility group	Organic matter
	In	Pct	In/hr	In/in	pH	mmhos/cm					Pct
162*:											
Kaseberg	0-18	10-20	0.6-2.0	0.14-0.17	5.6-7.3	---	Low	0.43	1	8	.5-1
	18-19	---	---	---	---	---	---	---			
	19-22	---	---	---	---	---	---	---			
Fiddyment	0-8	10-18	0.6-2.0	0.12-0.14	5.6-7.3	---	Low	0.37	2	8	1-2
	8-15	10-18	0.6-2.0	0.14-0.16	5.6-7.3	---	Low	0.43			
	15-28	27-35	<0.06	0.04-0.06	6.1-7.8	---	Moderate	0.32			
	28-40	---	---	---	---	---	---	---			
	40	---	---	---	---	---	---	---			
Urban land.											
163 Keyes	0-9	10-18	2.0-6.0	0.11-0.13	5.6-7.3	---	Low	0.28	1	8	<2
	9-15	20-30	0.2-0.6	0.12-0.15	6.1-7.3	---	Moderate	0.20			
	15-19	35-60	<0.06	0.04-0.06	6.1-7.3	---	High	0.17			
	19-25	---	---	---	---	---	---	---			
	25-35	---	---	---	---	---	---	---			
	35	---	---	---	---	---	---	---			
164, 165 Kimball	0-24	15-25	0.6-2.0	0.13-0.15	6.1-7.8	---	Low	0.37	2	8	1-3
	24-36	35-50	<0.06	0.04-0.06	6.1-7.8	---	High	0.28			
	36-60	18-30	0.2-0.6	0.12-0.15	6.6-7.8	---	Moderate	0.28			
166*:											
Kimball	0-24	15-25	0.6-2.0	0.13-0.15	6.1-7.8	---	Low	0.37	2	8	1-3
	24-36	35-60	<0.06	0.04-0.06	6.1-7.8	---	High	0.28			
	36-60	20-40	0.06-0.2	0.12-0.15	6.1-7.8	---	Moderate	0.28			
Urban land.											
167 Lang	0-12	8-18	2.0-6.0	0.11-0.13	6.1-7.3	---	Low	0.28	5	3	<1
	12-60	0-10	6.0-20	0.06-0.08	6.1-7.3	---	Low	0.24			
168*:											
Lang	0-12	8-18	2.0-6.0	0.11-0.13	6.1-7.3	<2	Low	0.28	5	3	<1
	12-60	0-10	6.0-20	0.07-0.09	6.1-7.3	<2	Low	0.24			
Urban land.											
169 Laugenour	0-16	10-20	0.6-2.0	0.14-0.16	7.4-8.4	<2	Low	0.37	5	5	.5-1
	16-39	10-18	2.0-6.0	0.10-0.12	7.4-8.4	<2	Low	0.32			
	39-60	12-25	0.6-2.0	0.12-0.16	7.4-8.4	<2	Low	0.37			
170*:											
Laugenour	0-16	10-20	0.6-2.0	0.14-0.16	7.4-8.4	<2	Low	0.37	5	8	.5-1
	16-39	10-18	2.0-6.0	0.10-0.12	7.4-8.4	<2	Low	0.32			
	39-60	12-25	0.6-2.0	0.14-0.16	7.4-8.4	<2	Low	0.37			
Urban land.											
171. Lithic Xerorthents											
172 Liveoak	0-18	20-25	0.6-2.0	0.14-0.16	6.1-7.3	---	Low	0.20	5	8	1-3
	18-48	18-25	0.6-2.0	0.14-0.16	6.6-7.8	---	Low	0.28			
	48-60	5-15	2.0-6.0	0.06-0.11	6.6-8.4	---	Low	0.17			

See footnote at end of table.

TABLE 18.--PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS--Continued

Soil name and map symbol	Depth	Clay	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors K	Erosion factors T	Wind erodi-bility group	Organic matter
	In	Pct	In/hr	In/in	pH	mmhos/cm					Pct
149*:											
Fiddyment	0-8	10-18	0.6-2.0	0.12-0.14	5.6-7.3	---	Low	0.37	2	8	1-2
	8-15	10-18	0.6-2.0	0.14-0.16	5.6-7.3	---	Low	0.43			
	15-28	27-35	<0.06	0.04-0.06	6.1-7.8	---	Moderate	0.32			
	28-40	---	---	---	---	---	---	---			
	40	---	---	---	---	---	---	---			
Urban land.											
150. Fluvaquents											
151, 152, 153 Galt	0-13	40-60	0.06-0.2	0.12-0.15	6.1-7.3	---	High	0.24	2	8	1-2
	13-32	40-60	0.06-0.2	0.12-0.14	6.6-8.4	<2	High	0.24			
	32-60	---	---	---	---	---	---	---			
154*:											
Galt	0-13	40-60	0.06-0.2	0.12-0.15	6.1-7.3	---	High	0.24	2	8	1-2
	13-32	40-60	0.06-0.2	0.12-0.14	6.6-8.4	<2	High	0.24			
	32-60	---	---	---	---	---	---	---			
Urban land.											
155 Gazwell	0-30	40-60	0.6-2.0	0.18-0.20	5.1-6.5	---	Moderate	0.20	5	3	7-15
	30-36	40-60	2.0-6.0	0.20-0.23	5.6-6.5	---	Moderate	0.20			
	36-60	---	6.0-20	0.26-0.30	4.5-6.0	---	Low	---			
156*:											
Hadselville	0-7	8-18	2.0-6.0	0.11-0.13	5.1-6.5	---	Low	0.28	1	8	1-2
	7	---	---	---	---	---	---	---			
Pentz	0-9	8-18	2.0-6.0	0.11-0.13	5.1-6.5	---	Low	0.28	1	8	1-3
	9-16	10-20	2.0-6.0	0.11-0.15	5.6-7.3	---	Low	0.37			
	16	---	---	---	---	---	---	---			
157 Hedge	0-14	12-20	0.6-2.0	0.14-0.16	5.6-7.3	---	Low	0.37	2	8	<2
	14-23	10-18	0.6-2.0	0.13-0.16	6.1-7.8	---	Low	0.37			
	23-31	27-35	0.2-0.6	0.17-0.19	6.6-7.8	---	Moderate	0.32			
	31-38	20-27	0.6-2.0	0.14-0.16	6.6-7.8	---	Moderate	0.37			
	38-44	---	---	---	---	---	---	---			
	44-60	5-12	0.6-2.0	0.09-0.11	7.4-8.4	<2	Low	0.20			
158 Hicksville	0-13	18-27	0.6-2.0	0.16-0.18	5.6-6.5	---	Low	0.32	5	8	1-3
	13-43	27-35	0.2-0.6	0.17-0.20	6.1-7.8	---	Moderate	0.28			
	43-64	15-25	0.6-2.0	0.11-0.15	6.1-7.8	---	Low	0.20			
159 Hicksville	0-13	18-27	0.6-2.0	0.12-0.14	5.6-6.5	---	Low	0.17	5	8	1-3
	13-43	27-35	0.2-0.6	0.13-0.15	6.1-7.8	---	Moderate	0.15			
	43-65	18-30	0.2-0.6	0.07-0.12	6.6-7.8	---	Low	0.10			
160 Hicksville	0-6	20-27	0.2-0.6	0.13-0.15	5.6-6.5	---	Moderate	0.20	3	8	1-3
	6-28	27-35	0.2-0.6	0.16-0.19	6.1-7.8	---	Moderate	0.28			
	28-42	18-30	0.2-0.6	0.09-0.13	6.6-7.8	---	Low	0.10			
	42-48	---	---	---	---	---	---	---			
161 Jacktone	0-11	40-60	0.06-0.2	0.14-0.16	6.6-8.4	<2	High	0.24	2	8	2-5
	11-34	35-60	0.06-0.2	0.14-0.16	7.9-8.4	<2	High	0.24			
	34-52	---	---	---	---	---	---	---			
	52-60	20-30	0.2-0.6	0.13-0.17	7.9-9.0	<2	Moderate	0.32			

See footnote at end of table.

TABLE 18.--PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS--Continued

Soil name and map symbol	Depth	Clay	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors K	Erosion factors T	Wind erodi-bility group	Organic matter
	In	Pct	In/hr	In/in	pH	mmhos/cm					Pct
139---------- Egbert	0-20	40-55	0.06-0.2	0.14-0.17	6.1-7.8	<2	High-------	0.24	5	4	2-10
	20-60	35-50	0.06-0.2	0.15-0.18	6.1-8.4	<2	High-------	0.24			
140---------- Egbert	0-40	40-50	0.06-0.2	0.16-0.18	6.1-7.8	<2	High-------	0.24	5	4	2-10
	40-60	35-50	0.06-0.2	0.15-0.18	6.6-8.4	<2	High-------	0.24			
141, 142--------- Egbert	0-18	40-55	0.06-0.2	0.14-0.17	6.1-7.8	<2	High-------	0.24	5	4	2-10
	18-46	35-50	0.06-0.2	0.15-0.18	6.1-7.8	<2	High-------	0.24			
	46-60	25-35	0.2-0.6	0.15-0.19	6.1-8.4	<2	Moderate	0.28			
143*:											
Egbert----------	0-18	40-55	0.06-0.2	0.14-0.17	6.1-7.8	<2	High-------	0.24	5	4	2-10
	18-46	35-50	0.06-0.2	0.15-0.18	6.1-7.8	<2	High-------	0.24			
	46-60	25-35	0.2-0.6	0.15-0.19	6.1-8.4	<2	Moderate	0.28			
Urban land.											
144---------- Fiddyment	0-8	10-18	0.6-2.0	0.12-0.14	5.6-7.3	---	Low--------	0.37	2	8	1-2
	8-22	10-18	0.6-2.0	0.14-0.16	5.6-7.3	---	Low--------	0.43			
	22-30	27-35	<0.06	0.04-0.06	6.1-7.8	---	Moderate	0.32			
	30-36	---	---	---	---	---	----------	----			
	36	---	---	---	---	---	----------	----			
145---------- Fiddyment	0-8	10-18	0.6-2.0	0.12-0.14	5.6-7.3	---	Low--------	0.37	2	8	1-2
	8-15	10-18	0.6-2.0	0.14-0.16	5.6-7.3	---	Low--------	0.43			
	15-28	27-35	<0.06	0.04-0.06	6.1-7.8	---	Moderate	0.32			
	28-40	---	---	---	---	---	----------	----			
	40	---	---	---	---	---	----------	----			
146---------- Fiddyment	0-14	10-18	0.6-2.0	0.14-0.16	5.6-7.3	---	Low--------	0.43	2	8	1-2
	14-28	30-35	<0.06	0.04-0.06	6.1-7.8	---	High-------	0.28			
	28-34	---	---	---	---	---	----------	----			
	34	---	---	---	---	---	----------	----			
147*:											
Fiddyment--------	0-8	10-18	0.6-2.0	0.12-0.14	5.6-7.3	---	Low--------	0.37	2	8	1-2
	8-15	10-18	0.6-2.0	0.14-0.16	5.6-7.3	---	Low--------	0.43			
	15-28	27-35	<0.06	0.04-0.06	6.1-7.8	---	Moderate	0.32			
	28-40	---	---	---	---	---	----------	----			
	40	---	---	---	---	---	----------	----			
Orangevale-------	0-15	8-16	2.0-6.0	0.07-0.10	6.1-7.3	---	Low--------	0.24	5	8	<2
	15-20	12-25	0.6-2.0	0.08-0.11	6.1-7.3	---	Low--------	0.28			
	20-72	20-30	0.6-2.0	0.08-0.11	6.1-7.3	---	Moderate	0.28			
	72-80	15-20	2.0-6.0	0.08-0.10	6.1-7.3	---	Low--------	0.28			
148*:											
Fiddyment--------	0-8	10-18	0.6-2.0	0.12-0.14	5.6-7.3	---	Low--------	0.37	2	8	1-2
	8-15	10-18	0.6-2.0	0.14-0.16	5.6-7.3	---	Low--------	0.43			
	15-28	27-35	<0.06	0.04-0.06	6.1-7.8	---	Moderate	0.32			
	28-40	---	---	---	---	---	----------	----			
	40	---	---	---	---	---	----------	----			
Orangevale-------	0-15	8-16	2.0-6.0	0.07-0.10	6.1-7.3	---	Low--------	0.24	5	8	<2
	15-20	12-25	0.6-2.0	0.08-0.11	6.1-7.3	---	Low--------	0.28			
	20-72	20-30	0.6-2.0	0.08-0.11	6.1-7.3	---	Moderate	0.28			
	72-80	15-20	2.0-6.0	0.08-0.10	6.1-7.3	---	Low--------	0.28			
Urban land.											

See footnote at end of table.

TABLE 18.--PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS--Continued

Soil name and map symbol	Depth	Clay	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors K	Erosion factors T	Wind erodi-bility group	Organic matter
	In	Pct	In/hr	In/in	pH	mmhos/cm					Pct
126*:											
Corning	0-28	10-25	0.6-2.0	0.10-0.14	5.1-6.5	---	Low	0.20	2	8	.5-1
	28-47	35-55	<0.06	0.04-0.06	4.5-6.5	---	High	0.28			
	47-62	10-30	0.06-0.2	0.06-0.12	5.6-8.4	---	Low	0.20			
Redding	0-7	10-25	0.6-2.0	0.10-0.14	5.1-6.5	---	Low	0.24	2	8	<2
	7-20	18-30	0.2-0.6	0.11-0.14	5.1-6.5	---	Moderate	0.24			
	20-28	35-60	<0.06	0.04-0.06	5.6-6.5	---	High	0.20			
	28-66	---	---	---	---	---	---	---			
127, 128, 129 Cosumnes	0-8	20-27	0.6-2.0	0.15-0.17	6.1-7.8	---	Low	0.43	5	8	<2
	8-21	27-55	0.06-0.2	0.15-0.19	6.1-7.8	---	High	0.32			
	21-43	35-55	0.06-0.2	0.14-0.17	6.6-8.4	<2	High	0.24			
	43-60	30-45	0.06-0.2	0.14-0.17	6.6-8.4	<2	High	0.28			
130*:											
Cosumnes	0-8	20-27	0.6-2.0	0.15-0.17	6.1-7.8	---	Low	0.43	5	8	<2
	8-21	27-55	0.06-0.2	0.15-0.19	6.1-7.8	---	High	0.32			
	21-43	35-55	0.06-0.2	0.14-0.17	6.6-8.4	<2	High	0.24			
	43-60	30-45	0.06-0.2	0.14-0.17	6.6-8.4	<2	High	0.28			
Urban land.											
131 Coyotecreek	0-15	18-27	0.6-2.0	0.18-0.20	6.1-7.3	---	Low	0.43	5	8	2-3
	15-58	18-27	0.2-0.6	0.17-0.20	6.1-7.3	---	Low	0.37			
	58-65	15-30	0.2-0.6	0.15-0.19	6.6-7.8	---	Low	0.32			
132 Creviscreek	0-21	8-15	2.0-6.0	0.10-0.12	5.6-6.5	---	Low	0.28	4	8	<2
	21-29	18-27	0.6-2.0	0.11-0.16	5.6-7.3	---	Moderate	0.20			
	29-57	10-20	0.6-2.0	0.07-0.12	6.1-8.4	---	Low	0.15			
	57	---	---	---	---	---	---	---			
133 Dierssen	0-12	12-20	0.6-2.0	0.11-0.13	6.1-7.8	---	Low	0.24	2	8	1-3
	12-19	20-30	0.2-0.6	0.15-0.17	6.6-8.4	---	Moderate	0.28			
	19-33	35-50	0.06-0.2	0.10-0.12	7.4-8.4	<2	High	0.32			
	33-60	---	---	---	---	---	---	---			
134 Dierssen	0-14	20-30	0.2-0.6	0.15-0.17	6.1-7.8	---	Moderate	0.28	2	8	1-3
	14-31	35-50	0.06-0.2	0.10-0.12	7.4-8.4	<2	High	0.32			
	31-60	---	---	---	---	---	---	---			
135 Dierssen	0-15	27-35	0.2-0.6	0.17-0.19	6.1-7.3	---	Moderate	0.32	3	8	1-3
	15-24	35-50	0.06-0.2	0.15-0.18	6.6-8.4	<2	High	0.28			
	24-41	40-55	0.06-0.2	0.14-0.16	6.6-8.4	<2	High	0.24			
	41-60	---	---	---	---	---	---	---			
136*. Dumps											
137. Durixeralfs											
138*: Durixeralfs.											
Galt	0-13	40-60	0.06-0.2	0.12-0.15	6.1-7.3	---	High	0.24	2	8	1-2
	13-32	40-60	0.06-0.2	0.12-0.14	6.6-8.4	<2	High	0.24			
	32-60	---	---	---	---	---	---	---			

See footnote at end of table.

TABLE 18.--PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS--Continued

Soil name and map symbol	Depth	Clay	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors K	Erosion factors T	Wind erodi-bility group	Organic matter
	In	Pct	In/hr	In/in	pH	mmhos/cm					Pct
110*:											
Argonaut--------	0-8	12-20	0.6-2.0	0.14-0.17	5.6-6.5	---	Low--------	0.32	2	8	1-2
	8-14	20-30	0.2-0.6	0.14-0.18	5.6-7.3	---	Moderate	0.24			
	14-29	35-50	<0.06	0.10-0.16	6.1-7.3	---	High-------	0.28			
	29	---	---	---	---	---	----------	----			
Rock outcrop.											
111, 112--------- Bruella	0-18	12-20	2.0-6.0	0.11-0.13	6.1-7.3	---	Low--------	0.32	5	8	.5-1
	18-42	18-30	0.2-0.6	0.13-0.17	6.1-7.3	---	Moderate	0.28			
	42-61	25-35	0.2-0.6	0.15-0.18	6.1-7.3	---	Moderate	0.24			
113---------- Capay	0-5	35-40	0.06-0.2	0.17-0.19	6.1-8.4	<2	High-------	0.28	5	8	1-2
	5-28	40-60	0.06-0.2	0.14-0.16	6.1-8.4	<2	High-------	0.24			
	28-67	35-40	0.06-0.2	0.17-0.19	7.4-8.4	<2	High-------	0.28			
114---------- Clear Lake	0-43	40-60	0.06-0.2	0.12-0.16	6.1-8.4	<2	High-------	0.24	5	8	1-4
	43-61	20-35	0.2-0.6	0.14-0.18	7.4-8.4	<4	Moderate	0.32			
115---------- Clear Lake	0-15	40-60	0.06-0.2	0.14-0.16	6.1-8.4	<2	High-------	0.24	3	8	2-5
	15-34	40-60	0.06-0.2	0.14-0.16	7.4-8.4	<2	High-------	0.24			
	34-48	27-40	0.06-0.2	0.14-0.17	7.4-8.4	<2	Moderate	0.32			
	48-64	---	---	---	---	---	----------	----			
116---------- Columbia	0-11	8-18	2.0-6.0	0.10-0.12	6.1-7.8	---	Low--------	0.32	5	3	.5-2
	11-60	10-18	2.0-6.0	0.12-0.12	6.1-7.8	---	Low--------	0.32			
117, 118--------- Columbia	0-11	8-18	2.0-6.0	0.10-0.12	6.1-7.8	---	Low--------	0.32	5	7	.5-2
	11-60	10-18	2.0-6.0	0.08-0.11	6.1-7.8	---	Low--------	0.32			
119, 120, 121---- Columbia	0-11	8-18	2.0-6.0	0.10-0.12	6.1-7.8	---	Low--------	0.32	5	7	.5-2
	11-43	10-18	2.0-6.0	0.08-0.11	6.1-7.8	---	Low--------	0.32			
	43-64	35-60	0.06-0.2	0.14-0.16	6.6-8.4	<2	High-------	0.28			
122---------- Columbia	0-14	5-12	2.0-6.0	0.10-0.12	6.1-7.8	---	Low--------	0.32	5	2	1-2
	14-42	10-18	2.0-6.0	0.08-0.11	6.1-7.8	---	Low--------	0.32			
	42-54	20-35	0.2-0.6	0.16-0.19	7.4-8.4	<2	Moderate	0.43			
	54-67	30-40	2.0-6.0	0.20-0.22	7.4-8.4	<2	Low--------	0.28			
123---------- Columbia	0-12	10-20	0.6-2.0	0.16-0.18	6.1-7.8	---	Low--------	0.43	5	5	<1
	12-60	10-18	2.0-6.0	0.08-0.11	6.1-7.8	---	Low--------	0.32			
124*:											
Columbia--------	0-11	8-18	2.0-6.0	0.10-0.12	6.1-7.8	---	Low--------	0.32	5	7	.5-2
	11-43	10-18	2.0-6.0	0.08-0.11	6.1-7.8	---	Low--------	0.32			
	43-64	35-60	0.06-0.2	0.14-0.16	6.6-8.4	<2	High-------	0.28			
Urban land.											
125*:											
Corning, well drained--------	0-28	10-25	0.6-2.0	0.10-0.14	5.1-6.5	---	Low--------	0.20	2	8	.5-1
	28-47	35-55	<0.06	0.04-0.06	4.5-6.5	---	High-------	0.28			
	47-62	10-30	0.06-0.2	0.06-0.12	5.6-8.4	---	Low--------	0.20			
Corning, moderately well drained-------	0-20	10-20	0.6-2.0	0.07-0.10	5.1-6.5	---	Low--------	0.17	2	8	.5-1
	20-32	35-55	<0.06	0.04-0.06	4.5-6.5	---	High-------	0.28			
	32-60	10-30	0.06-0.2	0.06-0.12	5.6-8.4	---	Low--------	0.20			

See footnote at end of table.

TABLE 18.--PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS

(The symbol < means less than; > means more than. Entries under "Erosion factors--T" apply to the entire profile. Entries under "Wind erodibility group" and "Organic matter" apply only to the surface layer. Absence of an entry indicates that data were not available or were not estimated)

Soil name and map symbol	Depth	Clay	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors K	Erosion factors T	Wind erodi-bility group	Organic matter
	In	Pct	In/hr	In/in	pH	mmhos/cm					Pct
101*:											
Amador----------	0-6	12-25	0.6-2.0	0.14-0.16	5.1-6.5	---	Low--------	0.37	1	8	<2
	6-19	12-25	0.6-2.0	0.12-0.16	4.5-6.0	---	Low--------	0.37			
	19	---	---	---	---	---	----------	----			
Gillender--------	0-4	15-25	0.6-2.0	0.13-0.16	5.6-6.5	---	Low--------	0.32	1	8	<1
	4-7	12-25	0.6-2.0	0.10-0.16	5.1-6.5	---	Low--------	0.32			
	7	---	---	---	---	---	----------	----			
102*:											
Americanos-------	0-8	12-20	0.6-2.0	0.16-0.18	6.1-7.3	---	Low--------	0.43	3	8	1-3
	8-36	18-27	0.6-2.0	0.17-0.19	6.1-7.3	---	Low--------	0.43			
	36-54	8-18	0.6-2.0	0.14-0.17	6.1-7.3	---	Low--------	0.43			
	54-62	8-18	0.6-2.0	0.08-0.10	6.1-7.3	---	Low--------	0.10			
Urban land.											
103, 104---------- Andregg	0-11	7-18	2.0-6.0	0.10-0.13	5.6-7.3	---	Low--------	0.24	2	8	1-3
	11-32	10-18	2.0-6.0	0.10-0.13	5.6-6.5	---	Low--------	0.28			
	32	---	---	---	---	---	----------	----			
105*, 106*:											
Andregg----------	0-11	7-18	2.0-6.0	0.10-0.13	5.6-7.3	---	Low--------	0.24	2	8	1-3
	11-32	10-18	2.0-6.0	0.10-0.13	5.6-6.5	---	Low--------	0.28			
	32	---	---	---	---	---	----------	----			
Urban land.											
107*:											
Argonaut---------	0-8	12-20	0.6-2.0	0.14-0.17	5.6-6.5	---	Low--------	0.32	2	8	1-2
	8-14	20-30	0.2-0.6	0.14-0.18	5.6-7.3	---	Moderate	0.24			
	14-29	35-50	<0.06	0.10-0.16	6.1-7.3	---	High-------	0.28			
	29	---	---	---	---	---	----------	----			
Auburn----------	0-14	12-25	0.6-2.0	0.14-0.17	5.6-6.5	---	Low--------	0.32	1	8	1-2
	14	---	---	---	---	---	----------	----			
108*:											
Argonaut---------	0-8	12-20	0.6-2.0	0.14-0.17	5.6-6.5	---	Low--------	0.32	2	8	1-2
	8-14	20-30	0.2-0.6	0.14-0.18	5.6-7.3	---	Moderate	0.24			
	14-29	35-50	<0.06	0.10-0.16	6.1-7.3	---	High-------	0.28			
	29	---	---	---	---	---	----------	----			
Auburn----------	0-14	12-25	0.6-2.0	0.14-0.17	5.6-6.5	---	Low--------	0.32	1	8	1-2
	14	---	---	---	---	---	----------	----			
Urban land.											
109---------- Auburn	0-16	12-25	0.6-2.0	0.14-0.17	5.6-6.5	---	Low--------	0.32	1	8	1-2
	16	---	---	---	---	---	----------	----			
110*:											
Auburn----------	0-14	12-25	0.6-2.0	0.14-0.17	5.6-6.5	---	Low--------	0.32	1	8	1-2
	14	---	---	---	---	---	----------	----			

See footnote at end of table.