TABLE 14.--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 "Organic matter" apply only to the surface layer. Absence of an entry indicates that data were not available or were not estimated]

Map symbol and soil name	Depth	Clay	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors K	Erosion factors T	Organic matter
	In	Pct	In/hr	In/in	pH	Mmhos/cm				Pct
ABC*:										
Antosa	0-30	2-12	2.0-6.0	0.05-0.10	5.6-7.3	<2	Low	0.20	5	<1
	30-47	28-40	0.2-0.6	0.12-0.17	6.6-8.4	<2	Moderate	0.32		
	47-72	18-34	0.2-0.6	0.11-0.16	6.6-8.4	<2	Moderate	0.32		
Bobillo	0-58	2-12	2.0-6.0	0.05-0.10	5.6-7.3	<2	Low	0.20	5	<1
	58-80	15-32	0.6-2.0	0.11-0.17	6.1-7.8	<2	Moderate	0.32		
BAA Batesville	0-10	15-24	2.0-6.0	0.13-0.18	7.9-8.4	<2	Low	0.37	2	1-2
	10-28	20-32	0.6-2.0	0.13-0.18	7.9-8.4	<2	Low	0.32		
	28-40	---	---	---	---	---	---	---		
BkA, BkB, BkC, BOB Bookout	0-14	28-42	0.6-2.0	0.15-0.20	7.9-8.4	<2	Moderate	0.32	5	.5-1
	14-80	32-50	0.6-2.0	0.12-0.20	7.9-8.4	<2	Moderate	0.28		
Br, Bu Brundage	0-3	10-20	0.6-2.0	0.10-0.15	5.6-7.3	<4	Low	0.37	5	<1
	3-7	22-35	<0.06	0.05-0.14	5.6-7.8	4-16	Moderate	0.37		
	7-42	22-35	0.06-0.2	0.03-0.14	7.4-8.4	>8	Moderate	0.37		
	42-72	20-32	0.06-0.2	0.02-0.10	7.9-8.4	>8	Moderate	0.37		
BxB, BYB Brystal	0-7	7-19	0.6-2.0	0.10-0.15	6.6-7.8	<2	Low	0.24	5	<1
	7-44	18-30	0.6-2.0	0.10-0.15	6.6-8.4	<2	Low	0.32		
	44-72	15-28	0.6-2.0	0.10-0.15	7.9-8.4	<2	Low	0.32		
CaA, CaB, CDB Caid	0-12	20-29	0.6-2.0	0.10-0.15	7.9-8.4	<2	Low	0.24	5	1-3
	12-29	27-35	0.6-2.0	0.10-0.15	7.9-8.4	<2	Moderate	0.24		
	29-72	24-33	0.6-2.0	0.10-0.15	7.9-8.4	<2	Moderate	0.24		
Cf, CGB Catarina	0-58	35-55	<0.06	0.05-0.09	7.9-9.0	4-16	Very high	0.32	4	1-2
	58-64	35-55	<0.06	0.03-0.07	7.9-9.0	>16	High	0.32		
ChA, ChB, CKB Chacon	0-15	25-40	0.2-0.6	0.14-0.18	7.9-8.4	<4	Moderate	0.32	5	1-3
	15-40	35-50	0.06-0.2	0.12-0.18	7.9-8.4	2-16	High	0.32		
	40-66	30-50	0.06-0.2	0.08-0.14	7.9-8.4	4-16	High	0.32		
Cm, Cn Cochina	0-34	60-80	<0.06	0.12-0.18	7.9-8.4	<4	High	0.32	5	1-3
	34-52	60-80	<0.06	0.08-0.14	7.9-8.4	2-8	High	0.32		
	52-72	55-80	<0.06	0.04-0.10	7.9-8.4	>4	High	0.32		
Co Conalb	0-80	13-25	0.6-2.0	0.10-0.15	7.9-8.4	<2	Low	0.28	5	<1
CtA, CtB, CUB Cotulla	0-32	40-60	<0.06	0.10-0.15	7.9-8.4	2-8	High	0.32	5	1-3
	32-72	40-60	<0.06	0.02-0.10	7.9-8.4	>4	High	0.32		
DA Dev	0-72	18-35	2.0-6.0	0.03-0.10	7.9-8.4	<2	Very low	0.10	5	1-3
DcC*:										
Dilley	0-5	12-17	0.6-2.0	0.07-0.14	6.1-7.8	<2	Low	0.24	1	<1
	5-16	15-25	0.6-2.0	0.08-0.16	6.1-7.8	<2	Low	0.20		
	16-36	---	---	---	---	---	---	---		
Rock outcrop.										
DFC Dilley	0-5	12-17	0.6-2.0	0.07-0.14	6.1-7.8	<2	Low	0.24	1	<1
	5-16	15-25	0.6-2.0	0.08-0.16	6.1-7.8	<2	Low	0.20		
	16-36	---	---	---	---	---	---	---		
Dt Divot	0-64	35-50	0.2-0.6	0.14-0.20	7.9-8.4	<2	High	0.32	5	1-4

See footnote at end of table.

TABLE 14.--PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS--Continued

Map symbol and Soil name	Depth	Clay	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors K	Erosion factors T	Organic matter
	In	Pct	In/hr	In/in	pH	Mmhos/cm				Pct
DuB---------- Duval	0-15	6-11	2.0-6.0	0.07-0.11	6.1-7.3	<2	Low----------	0.20	4	<1
	15-44	18-35	0.6-2.0	0.11-0.17	6.1-7.8	<2	Low----------	0.32		
	44-50	16-28	0.6-2.0	0.11-0.16	7.4-8.4	<2	Low----------	0.32		
	50-70	---	---	---	---	---	----------	----		
DvB, DYB--------- Duval	0-15	8-18	0.6-2.0	0.11-0.15	6.1-7.3	<2	Low----------	0.24	4	<1
	15-44	18-35	0.6-2.0	0.11-0.17	6.1-7.8	<2	Low----------	0.32		
	44-50	16-28	0.6-2.0	0.11-0.16	7.4-8.4	<2	Low----------	0.32		
	50-70	---	---	---	---	---	----------	----		
JED---------- Jimenez	0-12	12-27	0.6-2.0	0.05-0.10	7.9-8.4	<2	Low----------	0.10	1	1-3
	12-16	---	---	---	---	---	----------	----		
	16-24	---	---	---	---	---	----------	----		
MAC---------- Maverick	0-6	30-55	0.06-0.2	0.06-0.12	7.9-8.4	<4	Low----------	0.24	2	<1
	6-18	35-55	0.06-0.2	0.06-0.15	7.9-8.4	4-16	High----------	0.32		
	18-28	35-55	0.06-0.2	0.03-0.09	7.9-9.0	>8	High----------	0.32		
	28-60	35-65	<0.06	0.01-0.09	7.9-9.0	>8	High----------	0.32		
MKC---------- Maverick	0-6	30-55	0.06-0.2	0.12-0.18	7.9-9.0	<4	High----------	0.32	2	<1
	6-18	35-55	0.06-0.2	0.06-0.15	7.9-8.4	4-16	High----------	0.32		
	18-28	35-55	0.06-0.2	0.03-0.09	7.9-9.0	>8	High----------	0.32		
	28-60	35-65	<0.06	0.01-0.09	7.9-9.0	>8	High----------	0.32		
MnA, MOA--------- Montell	0-19	37-55	<0.06	0.10-0.15	7.9-8.4	<8	High----------	0.32	5	1-3
	19-64	35-60	<0.06	0.02-0.10	7.9-8.4	4-16	High----------	0.32		
OMD---------- Olmos	0-14	22-35	0.6-2.0	0.05-0.10	7.9-8.4	<2	Low----------	0.10	1	1-3
	14-72	---	---	---	---	---	----------	----		
Pa*. Pits										
Po---------- Poteet	0-24	10-20	2.0-6.0	0.11-0.15	5.6-7.8	<2	Low----------	0.24	5	1-3
	24-52	23-35	0.2-0.6	0.12-0.20	6.1-8.4	<2	Moderate------	0.32		
	52-64	16-32	0.2-0.6	0.10-0.20	7.4-8.4	<2	Moderate------	0.32		
PrA, PrB, PYB---- Pryor	0-9	24-42	0.2-0.6	0.15-0.20	7.9-8.4	<4	Moderate------	0.32	4	<1
	9-46	35-55	0.06-0.2	0.08-0.17	7.9-8.4	>4	High----------	0.32		
	46-72	40-55	<0.06	0.04-0.15	7.9-8.4	>8	High----------	0.32		
RAC---------- Randado	0-7	8-18	0.6-2.0	0.10-0.14	6.6-7.8	<2	Low----------	0.24	1	<1
	7-15	15-25	0.6-2.0	0.12-0.16	6.6-7.8	<2	Low----------	0.28		
	15-26	---	---	---	---	---	----------	----		
Tc---------- Tiocano	0-64	40-60	<0.06	0.12-0.18	6.6-8.4	<4	Very high-----	0.32	5	1-3
TnA, TnB, TOB---- Tonio	0-10	8-20	2.0-6.0	0.10-0.15	7.9-8.4	<4	Low----------	0.24	4	<1
	10-54	19-35	0.6-2.0	0.12-0.17	7.9-8.4	<4	Low----------	0.32		
	54-74	---	---	---	---	---	----------	----		
UdA, UdB, UVB---- Uvalde	0-34	35-50	0.6-2.0	0.15-0.20	7.9-8.4	<2	Moderate------	0.28	5	1-3
	34-84	28-50	0.6-2.0	0.10-0.15	7.9-8.4	<4	Moderate------	0.28		
VAB---------- Valco	0-17	25-35	0.6-2.0	0.13-0.18	7.9-8.4	<2	Low----------	0.28	1	1-3
	17-40	---	---	---	---	---	----------	----		
VEC---------- Verick	0-5	15-26	0.6-6.0	0.11-0.16	7.9-8.4	<2	Low----------	0.24	1	<1
	5-17	19-30	0.6-2.0	0.11-0.16	7.9-8.4	<2	Low----------	0.24		
	17-40	---	---	---	---	---	----------	----		
WbB, WEB--------- Webb	0-10	8-18	0.6-2.0	0.10-0.15	5.6-7.3	<2	Low----------	0.32	5	<1
	10-13	15-34	0.6-2.0	0.15-0.20	5.6-7.3	<2	Low----------	0.32		
	13-40	35-45	0.2-0.6	0.15-0.20	6.1-7.3	<2	Moderate------	0.32		
	40-64	18-35	0.6-2.0	0.15-0.20	6.6-8.4	<2	Moderate------	0.32		

See footnote at end of table.

TABLE 14.--PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS--Continued

Map symbol and soil name	Depth	Clay	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors K	Erosion factors T	Organic matter
	In	Pct	In/hr	In/in	pH	Mmhos/cm				Pct
WnA, WnB--------- Winterhaven	0-17	18-32	0.6-2.0	0.14-0.20	7.9-8.4	<2	Low----------	0.43	5	<1
	17-36	20-35	0.6-2.0	0.15-0.20	7.9-8.4	<2	Moderate------	0.43		
	36-72	18-35	0.6-2.0	0.12-0.20	7.9-8.4	<2	Moderate------	0.43		
Wv---------- Winterhaven	0-17	18-32	0.6-2.0	0.14-0.20	7.9-8.4	<2	Low----------	0.43	5	<1
	17-36	20-35	0.6-2.0	0.13-0.19	7.9-8.4	<2	Moderate------	0.43		
	36-72	18-35	0.6-2.0	0.12-0.20	7.9-8.4	<2	Moderate------	0.43		
YHD*:										
Yologo----------	0-7	16-28	0.6-2.0	0.06-0.15	6.1-7.8	<2	Low----------	0.10	1	1-3
	7-15	20-35	0.6-2.0	0.05-0.10	6.1-7.8	<2	Low----------	0.10		
	15-18	---	---	---	---	---	----------	----		
	18-60	---	---	---	---	---	----------	----		
Hindes----------	0-10	18-35	0.6-2.0	0.05-0.15	6.1-7.8	<2	Low----------	0.10	3	1-3
	10-32	35-55	0.2-0.6	0.04-0.10	6.1-7.8	<2	Low----------	0.10		
	32-80	---	---	---	---	---	----------	----		
ZAD---------- Zapata	0-7	18-34	0.6-2.0	0.07-0.13	7.9-8.4	<2	Low----------	0.10	1	1-3
	7-30	---	---	---	---	---	----------	----		
ZcA, ZcB, ZVB---- Zavco	0-16	24-32	0.6-2.0	0.10-0.15	6.1-7.8	<2	Low----------	0.17	5	1-3
	16-56	35-45	0.2-0.6	0.10-0.15	7.4-8.4	<2	Moderate------	0.20		
	56-72	24-45	0.6-2.0	0.10-0.15	7.9-8.4	<2	Moderate------	0.20		

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