

Physical Properties of the Soils

Russell County, Alabama

NOTE: 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.

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
AnA:														
Annemaine-----	0-4	---	---	10-20	1.30-1.55	0.57-1.98	0.12-0.16	0.0-2.9	0.5-2.0	.28	.28	5	3	86
	4-12	---	---	35-50	1.30-1.45	0.06-0.20	0.14-0.18	3.0-5.9	---	.37	.37			
	12-20	---	---	35-60	1.25-1.40	0.06-0.20	0.14-0.18	3.0-5.9	---	.37	.37			
	20-42	---	---	20-35	1.30-1.60	0.20-0.57	0.14-0.18	0.0-2.9	---	.37	.37			
	42-65	---	---	5-25	1.40-1.60	0.20-1.98	0.14-0.18	0.0-2.9	---	.32	.32			
BdA:														
Bladen-----	0-14	---	---	10-20	1.35-1.45	0.57-1.98	0.10-0.13	0.0-2.9	1.0-3.0	.24	.24	5	3	86
	14-65	---	---	35-55	1.60-1.70	0.06-0.20	0.12-0.16	3.0-5.9	---	---	---			
BeA:														
Bladen-----	0-3	---	---	15-27	1.30-1.40	0.57-1.98	0.14-0.18	0.0-2.9	2.0-5.0	.37	.37	5	6	48
	3-45	---	---	35-55	1.60-1.70	0.06-0.20	0.12-0.16	3.0-5.9	---	---	---			
	45-65	---	---	35-70	1.60-1.70	0.06-0.20	0.12-0.16	3.0-5.9	---	---	---			
BnB:														
Blanton-----	0-42	---	---	5-13	1.35-1.60	5.95-19.98	0.05-0.10	0.0-2.9	0.5-2.0	.10	.10	5	2	134
	42-52	---	---	10-18	1.50-1.65	1.98-5.95	0.10-0.15	0.0-2.9	0.0-0.5	.15	.15			
	52-65	---	---	12-40	1.60-1.70	0.20-1.98	0.10-0.15	0.0-2.9	0.0-0.5	.20	.20			
CnB:														
Conecuh-----	0-3	---	---	7-25	1.40-1.60	0.57-1.98	0.10-0.15	0.0-2.9	0.5-2.0	.28	.28	5	3	86
	3-68	---	---	45-70	1.30-1.55	0.00-0.06	0.08-0.19	6.0-8.9	0.0-0.5	.32	.32			
	68-80	---	---	---	---	0.00-0.00	---	---	---	---	---			
CoC2:														
Conecuh-----	0-3	---	---	10-25	1.35-1.60	0.57-1.98	0.15-0.24	0.0-2.9	0.5-2.0	.37	.37	5	5	56
	3-65	---	---	45-70	1.30-1.55	0.00-0.06	0.08-0.19	6.0-8.9	0.0-0.5	.32	.32			
CtB:														
Congaree-----	0-14	---	---	10-25	1.20-1.40	0.57-1.98	0.12-0.20	0.0-2.9	1.0-4.0	.37	.37	5	6	48
	14-80	---	---	18-35	1.20-1.50	0.57-1.98	0.12-0.20	0.0-2.9	1.0-3.0	.37	.37			
Toccoa-----	0-5	---	---	2-15	1.40-1.55	1.98-5.95	0.09-0.12	0.0-2.9	1.0-2.0	.10	.10	5	3	86
	5-65	---	---	2-19	1.40-1.50	1.98-5.95	0.09-0.12	0.0-2.9	---	.20	.20			

Physical Properties of the Soils, cont.

Russell County, Alabama

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
CwB:														
Cowarts-----	0-6	---	---	3-10	1.30-1.70	1.98-5.95	0.06-0.10	0.0-2.9	0.5-2.0	.15	.15	4	2	134
	6-28	---	---	10-30	1.30-1.50	0.57-1.98	0.10-0.16	0.0-2.9	0.2-1.0	.28	.28			
	28-65	---	---	18-35	1.65-1.80	0.06-0.57	0.10-0.14	0.0-2.9	0.0-0.5	.24	.24			
DgA:														
Dogue-----	0-11	---	---	5-10	1.35-1.50	1.98-5.95	0.08-0.15	0.0-2.9	0.5-2.0	.28	.28	5	3	86
	11-37	---	---	35-50	1.45-1.60	0.20-0.57	0.12-0.19	3.0-5.9	0.0-0.5	.28	.28			
	37-70	---	---	5-30	1.30-1.50	0.57-5.95	0.05-0.14	0.0-2.9	0.0-0.5	.17	.17			
DoA:														
Dothan-----	0-6	---	---	10-18	1.30-1.70	1.98-5.95	0.08-0.13	0.0-2.9	0.5-2.0	.24	.24	5	3	86
	6-34	---	---	18-35	1.40-1.60	0.57-1.98	0.12-0.16	0.0-2.9	---	.28	.28			
	34-65	---	---	18-40	1.45-1.70	0.20-0.57	0.08-0.12	0.0-2.9	---	.28	.28			
DoB:														
Dothan-----	0-5	---	---	10-18	1.30-1.70	1.98-5.95	0.08-0.13	0.0-2.9	0.5-2.0	.24	.24	5	3	86
	5-39	---	---	18-35	1.40-1.60	0.57-1.98	0.12-0.16	0.0-2.9	---	.28	.28			
	39-65	---	---	18-40	1.45-1.70	0.20-0.57	0.08-0.12	0.0-2.9	---	.28	.28			
EpA:														
Fluvaquents-----	0-6	---	---	2-18	1.25-1.35	1.98-5.95	0.10-0.15	0.0-2.9	3.0-10	.20	.20	5	---	---
	6-80	---	---	15-45	1.35-1.60	0.06-0.20	0.10-0.20	0.0-2.9	0.5-1.0	.37	.37			
FuB:														
Fuquay-----	0-28	---	---	2-10	1.60-1.70	5.95-19.98	0.04-0.09	0.0-2.9	0.5-2.0	.10	.10	5	2	134
	28-48	---	---	10-35	1.40-1.60	0.57-1.98	0.12-0.15	0.0-2.9	0.0-0.5	.20	.20			
	48-65	---	---	20-35	1.40-1.60	0.06-0.20	0.10-0.13	0.0-2.9	0.0-0.5	.20	.20			
GoA:														
Goldsboro-----	0-9	---	---	2-8	1.55-1.75	5.95-19.98	0.06-0.11	0.0-2.9	0.5-2.0	.17	.17	5	3	86
	9-28	---	---	18-30	1.30-1.50	0.57-1.98	0.11-0.17	0.0-2.9	0.0-0.5	.24	.24			
	28-64	---	---	20-34	1.30-1.40	0.57-1.98	0.11-0.20	0.0-2.9	0.0-0.5	.24	.24			
	64-90	---	---	---	---	---	---	---	---	---	---			
GrB:														
Gritney-----	0-13	---	---	10-25	1.30-1.50	1.98-5.95	0.08-0.12	0.0-2.9	0.5-2.0	.28	.28	4	3	86
	13-49	---	---	35-60	1.30-1.50	0.06-0.20	0.10-0.17	3.0-5.9	0.0-0.5	.32	.32			
	49-80	---	---	10-35	1.30-1.50	0.06-5.95	0.06-0.12	0.0-2.9	0.0-0.1	.20	.28			
HaB:														
Hannon-----	0-4	---	---	27-40	1.10-1.40	0.06-0.20	0.13-0.17	3.0-5.9	1.0-4.0	.32	.32	5	---	---
	4-12	---	---	50-75	1.10-1.30	0.00-0.06	0.05-0.10	9.0-25.0	0.5-2.0	.32	.32			
	12-21	---	---	50-75	1.10-1.30	0.00-0.06	0.05-0.10	9.0-25.0	0.1-1.0	.32	.32			
	21-65	---	---	35-60	1.10-1.40	0.00-0.06	0.08-0.12	6.0-8.9	0.0-0.5	.32	.32			

Physical Properties of the Soils, cont.

Russell County, Alabama

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
HnC2:														
Hannon-----	0-2	---	---	40-60	1.10-1.30	0.00-0.06	0.12-0.16	6.0-8.9	1.0-4.0	.32	.32	5	---	---
	2-7	---	---	50-75	1.10-1.30	0.00-0.06	0.05-0.10	9.0-25.0	0.5-2.0	.32	.32			
	7-12	---	---	50-75	1.10-1.30	0.00-0.06	0.05-0.10	9.0-25.0	0.1-1.0	.32	.32			
	12-65	---	---	35-60	1.10-1.40	0.00-0.06	0.08-0.12	6.0-8.9	0.0-0.5	.32	.32			
HnD2:														
Hannon-----	0-2	---	---	40-60	1.10-1.30	0.00-0.06	0.12-0.16	6.0-8.9	1.0-4.0	.32	.32	5	---	---
	2-10	---	---	50-75	1.10-1.30	0.00-0.06	0.05-0.10	9.0-25.0	0.5-2.0	.32	.32			
	10-26	---	---	50-75	1.10-1.30	0.00-0.06	0.05-0.10	9.0-25.0	0.1-1.0	.32	.32			
	26-65	---	---	35-60	1.10-1.40	0.00-0.06	0.08-0.12	6.0-8.9	0.0-0.5	.32	.32			
HsE2:														
Hannon-----	0-5	---	---	40-60	1.10-1.30	0.00-0.06	0.12-0.16	6.0-8.9	1.0-4.0	.32	.32	5	---	---
	5-16	---	---	50-75	1.10-1.30	0.00-0.06	0.05-0.10	9.0-25.0	0.5-2.0	.32	.32			
	16-22	---	---	50-75	1.10-1.30	0.00-0.06	0.05-0.10	9.0-25.0	0.1-1.0	.32	.32			
	22-65	---	---	35-60	1.10-1.40	0.00-0.06	0.08-0.12	6.0-8.9	0.0-0.5	.32	.32			
Sumter-----	0-4	---	---	32-50	1.30-1.60	0.06-1.98	0.12-0.17	6.0-8.9	2.0-5.0	.37	.37	3	4	86
	4-29	---	---	35-57	1.15-1.55	0.06-1.98	0.12-0.17	6.0-8.9	1.0-2.0	.37	.37			
	29-34	---	---	35-57	1.15-1.50	0.06-1.98	0.11-0.16	3.0-5.9	0.0-0.5	.32	.37			
	34-65	---	---	---	---	0.00-0.00	---	---	---	---	---			
KMA:														
Kinston-----	0-3	---	---	5-27	1.30-1.50	0.57-1.98	0.14-0.20	0.0-2.9	2.0-5.0	.37	.37	5	5	56
	3-65	---	---	18-35	1.30-1.50	0.57-1.98	0.14-0.18	0.0-2.9	0.0-3.0	.32	.32			
Mantachie-----	0-4	---	---	8-20	1.50-1.60	0.57-1.98	0.16-0.20	0.0-2.9	1.0-3.0	.28	.28	5	---	---
	4-65	---	---	18-34	1.50-1.60	0.57-1.98	0.14-0.20	0.0-2.9	---	.28	.28			
Iuka-----	0-8	---	---	6-15	---	1.98-5.95	0.10-0.15	0.0-2.9	0.5-2.0	.24	.24	5	3	86
	8-80	---	---	8-18	---	0.57-1.98	0.10-0.20	0.0-2.9	---	.28	.28			
KoA:														
Kolomoki-----	0-6	---	---	10-14	1.35-1.45	1.98-5.95	0.06-0.09	0.0-2.9	0.5-3.0	.24	.24	4	3	86
	6-36	---	---	35-55	1.60-1.70	0.57-1.98	0.13-0.16	0.0-2.9	---	.32	.32			
	36-48	---	---	10-35	1.50-1.60	0.57-1.98	0.06-0.11	0.0-2.9	---	.24	.24			
	48-65	---	---	2-15	1.50-1.60	5.95-19.98	0.05-0.08	0.0-2.9	---	.20	.20			
LnB:														
Luverne-----	0-10	---	---	7-20	1.35-1.65	1.98-5.95	0.11-0.15	0.0-2.9	0.5-2.0	.24	.24	5	3	86
	10-48	---	---	35-50	1.25-1.55	0.20-0.57	0.12-0.18	3.0-5.9	---	.28	.28			
	48-65	---	---	10-35	1.35-1.65	0.20-0.57	0.05-0.10	0.0-2.9	---	.28	.28			

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Russell County, Alabama

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
LnC2:														
Luverne-----	0-4	---	---	7-20	1.35-1.65	1.98-5.95	0.11-0.15	0.0-2.9	0.5-2.0	.24	.24	5	3	86
	4-33	---	---	35-50	1.25-1.55	0.20-0.57	0.12-0.18	3.0-5.9	---	.28	.28			
	33-65	---	---	10-35	1.35-1.65	0.20-0.57	0.05-0.10	0.0-2.9	---	.28	.28			
LsE:														
Luverne-----	0-3	---	---	7-20	1.35-1.65	1.98-5.95	0.11-0.15	0.0-2.9	0.5-2.0	.24	.24	5	3	86
	3-23	---	---	35-50	1.25-1.55	0.20-0.57	0.12-0.18	3.0-5.9	---	.28	.28			
	23-29	---	---	20-40	1.35-1.65	0.20-0.57	0.12-0.18	0.0-2.9	---	.28	.28			
	29-65	---	---	10-35	1.35-1.65	0.20-0.57	0.05-0.10	0.0-2.9	---	.28	.28			
Springhill-----	0-4	---	---	4-10	1.30-1.60	5.95-19.98	0.06-0.10	0.0-2.9	0.5-2.0	.15	.15	5	2	134
	4-12	---	---	7-18	1.30-1.50	1.98-5.95	0.07-0.12	0.0-2.9	---	.20	.20			
	12-65	---	---	18-35	1.40-1.60	0.57-1.98	0.11-0.14	0.0-2.9	---	.24	.24			
LyA:														
Lynchburg-----	0-15	---	---	2-10	1.40-1.70	5.95-19.98	0.07-0.10	0.0-2.9	0.5-5.0	.15	.15	5	2	134
	15-65	---	---	19-35	1.30-1.50	0.57-1.98	0.12-0.16	0.0-2.9	0.0-0.5	.20	.20			
	65-80	---	---	20-50	1.30-1.45	0.57-1.98	0.12-0.18	0.0-2.9	0.0-0.5	.20	.20			
MnB:														
Marvyn-----	0-6	---	---	2-12	1.35-1.70	1.98-5.95	0.06-0.11	0.0-2.9	0.5-2.0	.15	.15	5	2	134
	6-49	---	---	18-35	1.30-1.60	0.57-1.98	0.12-0.17	0.0-2.9	---	.32	.32			
	49-65	---	---	10-30	1.40-1.60	0.20-1.98	0.07-0.14	0.0-2.9	---	.32	.32			
MxA:														
Maxton-----	0-10	---	---	0-8	1.60-1.75	1.98-5.95	0.06-0.10	0.0-2.9	0.5-2.0	.15	.15	5	2	134
	10-38	---	---	18-35	1.40-1.60	0.57-1.98	0.13-0.18	0.0-2.9	0.0-0.5	.24	.24			
	38-75	---	---	0-10	1.60-1.75	5.95-19.98	0.03-0.06	0.0-2.9	0.0-0.5	.10	.10			
OcA:														
Ocilla-----	0-28	---	---	4-10	1.45-1.65	1.98-19.98	0.05-0.08	0.0-2.9	1.0-2.0	.10	.10	5	2	134
	28-48	---	---	15-35	1.55-1.70	0.57-1.98	0.09-0.12	0.0-2.9	0.0-0.0	.24	.24			
	48-65	---	---	15-40	1.55-1.70	0.20-1.98	0.09-0.12	0.0-2.9	0.0-0.0	.24	.24			
OrA:														
Orangeburg-----	0-8	---	---	7-15	1.30-1.50	1.98-5.95	0.07-0.10	0.0-2.9	0.5-2.0	.20	.20	5	3	86
	8-15	---	---	7-18	1.50-1.65	1.98-5.95	0.09-0.12	0.0-2.9	---	.20	.20			
	15-80	---	---	18-35	1.60-1.75	0.57-1.98	0.11-0.14	0.0-2.9	---	.24	.24			
OuC:														
Orangeburg-----	0-8	---	---	7-15	1.30-1.50	1.98-5.95	0.07-0.10	0.0-2.9	0.5-2.0	.20	.20	5	3	86
	8-15	---	---	7-18	1.50-1.65	1.98-5.95	0.09-0.12	0.0-2.9	---	.20	.20			
	15-80	---	---	18-35	1.60-1.75	0.57-1.98	0.11-0.14	0.0-2.9	---	.24	.24			
Urban Land-----	0-6	---	---	---	---	---	0.00-0.00	---	---	---	---	-	---	---

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										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
PaE:														
Pacolet-----	0-4	---	---	8-20	1.00-1.50	1.98-5.95	0.08-0.12	0.0-2.9	0.5-2.0	.20	.20	3	3	86
	4-22	---	---	35-65	1.30-1.50	0.57-1.98	0.12-0.15	0.0-2.9	0.0-0.5	.28	.28			
	22-80	---	---	10-25	1.20-1.50	0.57-1.98	0.08-0.15	0.0-2.9	0.0-0.5	.28	.28			
Pt:														
Pits-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	-	8	0
RbA:														
Red Bay-----	0-9	---	---	7-20	1.40-1.55	1.98-5.95	0.07-0.14	0.0-2.9	0.5-2.0	.20	.20	5	3	86
	9-29	---	---	10-25	1.30-1.60	0.57-5.95	0.10-0.14	0.0-2.9	---	.15	.15			
	29-65	---	---	18-35	1.30-1.50	0.57-1.98	0.12-0.17	0.0-2.9	---	.17	.17			
RvA:														
Riverview-----	0-8	---	---	10-27	1.30-1.60	0.57-1.98	0.16-0.24	0.0-2.9	0.5-2.0	.32	.32	5	5	56
	8-43	---	---	18-35	1.20-1.40	0.57-1.98	0.15-0.22	0.0-2.9	0.5-1.0	.24	.24			
	43-65	---	---	4-18	1.20-1.50	1.98-5.95	0.07-0.11	0.0-2.9	0.5-1.0	.17	.17			
SbB:														
Springhill-----	0-7	---	---	7-15	1.30-1.50	1.98-5.95	0.09-0.12	0.0-2.9	0.5-2.0	.20	.20	5	3	86
	7-42	---	---	18-35	1.40-1.60	0.57-1.98	0.11-0.14	0.0-2.9	---	.24	.24			
	42-65	---	---	5-25	1.40-1.65	1.98-5.95	0.07-0.12	0.0-2.9	---	.20	.20			
ScD:														
Springhill-----	0-4	---	---	7-15	1.30-1.50	1.98-5.95	0.09-0.12	0.0-2.9	0.5-2.0	.20	.20	5	3	86
	4-12	---	---	7-18	1.30-1.50	1.98-5.95	0.07-0.12	0.0-2.9	---	.20	.20			
	12-65	---	---	18-35	1.40-1.60	0.57-1.98	0.11-0.14	0.0-2.9	---	.24	.24			
Cowarts-----	0-6	---	---	3-10	1.30-1.70	1.98-5.95	0.06-0.10	0.0-2.9	0.5-2.0	.15	.15	4	2	134
	6-24	---	---	10-30	1.30-1.50	0.57-1.98	0.10-0.16	0.0-2.9	0.2-1.0	.28	.28			
	24-65	---	---	18-35	1.65-1.80	0.06-0.57	0.10-0.14	0.0-2.9	0.0-0.5	.24	.24			
Urban Land-----	0-6	---	---	---	---	---	---	---	---	---	---	-	---	---
ShE3:														
Sumter-----	0-3	---	---	32-50	1.30-1.60	0.06-1.98	0.12-0.17	6.0-8.9	2.0-5.0	.37	.37	2	4	86
	3-38	---	---	35-57	1.15-1.55	0.06-1.98	0.12-0.17	6.0-8.9	1.0-2.0	.37	.37			
	38-80	---	---	---	---	0.00-0.00	---	---	---	---	---			
Hannon-----	0-2	---	---	40-60	1.10-1.30	0.00-0.06	0.12-0.16	6.0-8.9	1.0-4.0	.32	.32	5	---	---
	2-11	---	---	50-75	1.10-1.30	0.00-0.06	0.05-0.10	9.0-25.0	0.5-2.0	.32	.32			
	11-22	---	---	50-75	1.10-1.30	0.00-0.06	0.05-0.10	9.0-25.0	0.1-1.0	.32	.32			
	22-40	---	---	35-60	1.10-1.40	0.00-0.06	0.08-0.12	6.0-8.9	0.0-0.5	.32	.32			
	40-80	---	---	25-60	1.15-1.50	0.00-0.06	0.05-0.10	3.0-5.9	0.0-0.5	.28	.28			

Physical Properties of the Soils, cont.

Russell County, Alabama

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
TaB:														
Troup-----	0-56	---	---	2-12	1.30-1.70	5.95-19.98	0.08-0.12	0.0-2.9	0.5-2.0	.10	.10	5	2	134
	56-80	---	---	15-35	1.40-1.60	0.57-1.98	0.10-0.13	0.0-2.9	---	.20	.20			
Alaga-----	0-4	---	---	2-12	1.60-1.75	5.95-19.98	0.05-0.09	0.0-2.9	0.5-2.0	.10	.10	5	2	134
	4-80	---	---	2-12	1.60-1.75	5.95-19.98	0.05-0.09	0.0-2.9	0.0-0.5	.10	.10			
TsE:														
Troup-----	0-50	---	---	2-12	1.30-1.70	5.95-19.98	0.08-0.12	0.0-2.9	0.5-2.0	.10	.10	5	2	134
	50-65	---	---	15-35	1.40-1.60	0.57-1.98	0.10-0.13	0.0-2.9	---	.20	.20			
Springhill-----	0-4	---	---	4-10	1.30-1.60	5.95-19.98	0.06-0.10	0.0-2.9	0.5-2.0	.15	.15	5	2	134
	4-12	---	---	7-18	1.30-1.50	1.98-5.95	0.07-0.12	0.0-2.9	---	.20	.20			
	12-65	---	---	18-35	1.40-1.60	0.57-1.98	0.11-0.14	0.0-2.9	---	.24	.24			
Luverne-----	0-8	---	---	7-20	1.35-1.65	1.98-5.95	0.11-0.15	0.0-2.9	0.5-2.0	.24	.24	5	3	86
	8-53	---	---	35-50	1.25-1.55	0.20-0.57	0.12-0.18	3.0-5.9	---	.28	.28			
	53-65	---	---	10-35	1.35-1.65	0.20-0.57	0.05-0.10	0.0-2.9	---	.28	.28			
UcB:														
Uchee-----	0-30	---	---	3-10	1.30-1.70	5.95-19.98	0.05-0.10	0.0-2.9	0.2-2.0	.10	.10	5	2	134
	30-54	---	---	8-30	1.40-1.60	0.57-1.98	0.10-0.15	0.0-2.9	0.0-0.5	.24	.24			
	54-80	---	---	5-15	1.40-1.60	0.57-5.95	0.06-0.12	0.0-2.9	0.0-0.5	.24	.24			
Cowarts-----	0-12	---	---	3-10	1.30-1.70	1.98-5.95	0.06-0.10	0.0-2.9	0.5-2.0	.15	.15	4	2	134
	12-34	---	---	25-40	1.30-1.50	0.20-1.98	0.10-0.16	0.0-2.9	0.0-0.5	.28	.28			
	34-65	---	---	18-35	1.65-1.80	0.06-0.57	0.10-0.14	0.0-2.9	0.0-0.5	.24	.24			
UcD:														
Uchee-----	0-28	---	---	3-10	1.30-1.70	5.95-19.98	0.05-0.10	0.0-2.9	0.2-2.0	.10	.10	5	2	134
	28-44	---	---	8-30	1.40-1.60	0.57-1.98	0.10-0.15	0.0-2.9	0.0-0.5	.24	.24			
	44-65	---	---	5-15	1.40-1.60	0.57-5.95	0.06-0.12	0.0-2.9	0.0-0.5	.24	.24			
Cowarts-----	0-6	---	---	3-10	1.30-1.70	1.98-5.95	0.06-0.10	0.0-2.9	0.5-2.0	.15	.15	4	2	134
	6-24	---	---	10-30	1.30-1.50	0.57-1.98	0.10-0.16	0.0-2.9	0.2-1.0	.28	.28			
	24-65	---	---	18-35	1.65-1.80	0.06-0.57	0.10-0.14	0.0-2.9	0.0-0.5	.24	.24			
UdA:														
Udorthents-----	0-80	---	---	---	---	---	---	0.0-2.9	0.0-0.5	---	---	5	---	---
Urban Land-----	0-6	---	---	---	---	---	---	---	---	---	---	-	---	---
Ur:														
Urban Land-----	0-60	---	---	---	---	---	---	---	---	---	---	-	---	---

Physical Properties of the Soils, cont.

Russell County, Alabama

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind	Wind
										Kw	Kf	T	erodi- bility group	erodi- bility index
UuA:	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
Urbo-----	0-8	---	---	28-55	1.45-1.55	0.06-0.20	0.18-0.20	3.0-5.9	1.0-3.0	.28	.28	5	---	---
	8-65	---	---	35-55	1.45-1.55	0.00-0.06	0.18-0.20	3.0-5.9	---	.28	.28			
Mooreville-----	0-6	---	---	5-27	1.40-1.50	0.57-1.98	0.14-0.20	0.0-2.9	0.5-2.0	.37	.37	5	---	---
	6-45	---	---	18-35	1.40-1.50	0.57-1.98	0.14-0.18	3.0-5.9	---	.28	.28			
	45-70	---	---	10-40	1.40-1.60	0.57-1.98	0.14-0.18	3.0-5.9	---	.28	.28			
Una-----	0-3	---	---	28-45	1.40-1.60	0.00-0.06	0.15-0.20	6.0-8.9	1.0-3.0	.32	.32	5	---	---
	3-65	---	---	35-55	1.40-1.60	0.00-0.06	0.15-0.20	6.0-8.9	---	.28	.28			
WbA:														
Wahee-----	0-4	---	---	10-27	1.20-1.50	0.20-1.98	0.15-0.20	0.0-2.9	0.5-5.0	.28	.28	5	5	56
	4-65	---	---	35-70	1.40-1.60	0.06-0.20	0.12-0.20	3.0-5.9	0.0-0.5	.28	.28			
Bladen-----	0-10	---	---	10-20	1.35-1.45	0.57-1.98	0.10-0.13	0.0-2.9	1.0-3.0	.24	.24	5	3	86
	10-51	---	---	35-55	1.60-1.70	0.06-0.20	0.12-0.16	3.0-5.9	---	---	---			
	51-65	---	---	35-70	1.60-1.70	0.06-0.20	0.12-0.16	3.0-5.9	---	---	---			
WkA:														
Wickham-----	0-4	---	---	8-15	1.45-1.65	1.98-5.95	0.11-0.16	0.0-2.9	0.5-2.0	.24	.24	5	3	86
	4-40	---	---	18-35	1.30-1.50	0.57-1.98	0.12-0.17	0.0-2.9	0.0-0.5	.24	.24			
	40-65	---	---	---	---	---	---	---	---	---	---			