

(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					
At:														
Atkins-----	0-8	0-50	50-83	18-27	1.20-1.40	0.6-2	0.14-0.22	0.0-2.9	2.0-4.0	.32	.32	4	---	---
	8-46	---	---	18-35	1.20-1.50	0.06-2	0.14-0.18	0.0-2.9	---	.32	.32			
	46-60	---	---	10-35	1.20-1.50	0.2-6	0.08-0.18	0.0-2.9	---	.28	.32			
BeC:														
Buchanan-----	0-9	0-50	50-83	10-27	1.20-1.40	0.6-2	0.11-0.16	0.0-2.9	---	.24	.32	3	---	---
	9-30	---	---	18-30	1.30-1.60	0.6-2	0.10-0.16	0.0-2.9	---	.24	.28			
	30-60	---	---	18-35	1.40-1.70	0.06-0.2	0.06-0.10	0.0-2.9	---	.17	.24			
Ernest-----	0-5	0-50	50-83	15-20	1.20-1.40	0.6-2	0.12-0.16	0.0-2.9	1.0-4.0	.32	.43	3	---	---
	5-29	---	---	20-35	1.30-1.50	0.6-2	0.12-0.16	3.0-5.9	---	.32	.32			
	29-49	---	---	18-30	1.40-1.70	0.06-0.6	0.08-0.12	0.0-2.9	---	.32	.37			
	49-60	---	---	20-35	1.30-1.60	0.06-0.6	0.08-0.12	3.0-5.9	---	.32	.37			
Atkins-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---
BeD:														
Buchanan-----	0-9	0-50	50-83	10-27	1.20-1.40	0.6-2	0.11-0.16	0.0-2.9	---	.24	.32	3	---	---
	9-30	---	---	18-30	1.30-1.60	0.6-2	0.10-0.16	0.0-2.9	---	.24	.28			
	30-60	---	---	18-35	1.40-1.70	0.06-0.2	0.06-0.10	0.0-2.9	---	.17	.24			
Ernest-----	0-5	0-50	50-83	15-20	1.20-1.40	0.6-2	0.12-0.16	0.0-2.9	1.0-4.0	.32	.43	3	---	---
	5-29	---	---	20-35	1.30-1.50	0.6-2	0.12-0.16	3.0-5.9	---	.32	.32			
	29-49	---	---	18-30	1.40-1.70	0.06-0.6	0.08-0.12	0.0-2.9	---	.32	.37			
	49-60	---	---	20-35	1.30-1.60	0.06-0.6	0.08-0.12	3.0-5.9	---	.32	.37			
Atkins-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ch:														
Chavies-----	0-9	23-52	28-50	7-18	1.20-1.40	2-6	0.11-0.18	0.0-2.9	0.5-4.0	.24	.24	4	---	86
	9-48	---	---	7-18	1.20-1.40	2-6	0.11-0.20	0.0-2.9	---	.24	.24			
	48-60	---	---	7-18	1.30-1.50	2-6	0.08-0.18	0.0-2.9	---	.24	.24			
Atkins-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---
DaC:														
Dekalb-----	0-5	23-52	28-50	10-20	1.20-1.50	6-20	0.08-0.12	0.0-2.9	2.0-4.0	.17	.24	2	---	48
	5-28	---	---	7-18	1.20-1.50	6-20	0.06-0.12	0.0-2.9	---	.17	.24			
	28-33	---	---	5-15	1.20-1.50	6-20	0.05-0.10	0.0-2.9	---	.17	.24			
	33-37	---	---	---	---	0.2-0.6	---	---	---	---	---			
DaD:														
Dekalb-----	0-5	23-52	28-50	10-20	1.20-1.50	6-20	0.08-0.12	0.0-2.9	2.0-4.0	.17	.24	2	---	48
	5-28	---	---	7-18	1.20-1.50	6-20	0.06-0.12	0.0-2.9	---	.17	.24			
	28-33	---	---	5-15	1.20-1.50	6-20	0.05-0.10	0.0-2.9	---	.17	.24			
	33-37	---	---	---	---	0.2-0.6	---	---	---	---	---			
DaE:														
Dekalb-----	0-5	23-52	28-50	10-20	1.20-1.50	6-20	0.08-0.12	0.0-2.9	2.0-4.0	.17	.24	2	---	48
	5-28	---	---	7-18	1.20-1.50	6-20	0.06-0.12	0.0-2.9	---	.17	.24			
	28-33	---	---	5-15	1.20-1.50	6-20	0.05-0.10	0.0-2.9	---	.17	.24			
	33-37	---	---	---	---	0.2-0.6	---	---	---	---	---			
DaF:														
Dekalb-----	0-5	23-52	28-50	10-20	1.20-1.50	6-20	0.08-0.12	0.0-2.9	2.0-4.0	.17	.24	2	---	48
	5-28	---	---	7-18	1.20-1.50	6-20	0.06-0.12	0.0-2.9	---	.17	.24			
	28-33	---	---	5-15	1.20-1.50	6-20	0.05-0.10	0.0-2.9	---	.17	.24			
	33-37	---	---	---	---	0.2-0.6	---	---	---	---	---			
DmC:														
Dekalb-----	0-5	23-52	28-50	10-20	1.20-1.50	6-20	0.08-0.12	0.0-2.9	2.0-4.0	.17	.24	2	---	---
	5-28	---	---	7-18	1.20-1.50	6-20	0.06-0.12	0.0-2.9	---	.17	.24			
	28-33	---	---	5-15	1.20-1.50	6-20	0.05-0.10	0.0-2.9	---	.17	.24			
	33-37	---	---	---	---	0.2-0.6	---	---	---	---	---			
DmE:														
Dekalb-----	0-5	23-52	28-50	10-20	1.20-1.50	6-20	0.08-0.12	0.0-2.9	2.0-4.0	.17	.24	2	---	---
	5-28	---	---	7-18	1.20-1.50	6-20	0.06-0.12	0.0-2.9	---	.17	.24			
	28-33	---	---	5-15	1.20-1.50	6-20	0.05-0.10	0.0-2.9	---	.17	.24			
	33-37	---	---	---	---	0.2-0.6	---	---	---	---	---			
DmF:														
Dekalb-----	0-5	23-52	28-50	10-20	1.20-1.50	6-20	0.08-0.12	0.0-2.9	2.0-4.0	.17	.24	2	---	---
	5-28	---	---	7-18	1.20-1.50	6-20	0.06-0.12	0.0-2.9	---	.17	.24			
	28-33	---	---	5-15	1.20-1.50	6-20	0.05-0.10	0.0-2.9	---	.17	.24			
	33-37	---	---	---	---	0.2-0.6	---	---	---	---	---			

Table J1b.--Physical Properties of the Soils--Continued

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					
EnB: Ernest-----	0-7	0-50	50-83	15-20	1.20-1.40	0.6-2	0.14-0.20	0.0-2.9	2.0-4.0	.43	.43	3	---	---
	7-29	---	---	20-35	1.30-1.50	0.6-2	0.12-0.16	3.0-5.9	---	.32	.32			
	29-49	---	---	18-30	1.40-1.70	0.06-0.6	0.08-0.12	0.0-2.9	---	.32	.37			
	49-60	---	---	20-35	1.30-1.60	0.06-0.6	0.08-0.12	3.0-5.9	---	.32	.37			
Atkins-----	---	---	---	---	---	---	---	---	---	---	---			
EnC: Ernest-----	0-7	0-50	50-83	15-20	1.20-1.40	0.6-2	0.14-0.20	0.0-2.9	2.0-4.0	.43	.43	3	---	---
	7-29	---	---	20-35	1.30-1.50	0.6-2	0.12-0.16	3.0-5.9	---	.32	.32			
	29-49	---	---	18-30	1.40-1.70	0.06-0.6	0.08-0.12	0.0-2.9	---	.32	.37			
	49-60	---	---	20-35	1.30-1.60	0.06-0.6	0.08-0.12	3.0-5.9	---	.32	.37			
Atkins-----	---	---	---	---	---	---	---	---	---	---	---			
EnD: Ernest-----	0-5	0-50	50-83	15-20	1.20-1.40	0.6-2	0.14-0.20	0.0-2.9	2.0-4.0	.43	.43	3	---	---
	5-29	---	---	20-35	1.30-1.50	0.6-2	0.12-0.16	3.0-5.9	---	.32	.32			
	29-49	---	---	18-30	1.40-1.70	0.06-0.6	0.08-0.12	0.0-2.9	---	.32	.37			
	49-60	---	---	20-35	1.30-1.60	0.06-0.6	0.08-0.12	3.0-5.9	---	.32	.37			
Atkins-----	---	---	---	---	---	---	---	---	---	---	---			
Fu: Fluvaquents-----	---	---	---	---	---	---	---	---	---	---	---			
Udifluvents-----	---	---	---	---	---	---	---	---	---	---	---			
Other soils-----	---	---	---	---	---	---	---	---	---	---	---			
Atkins-----	---	---	---	---	---	---	---	---	---	---	---			
GaB: Gilpin-----	0-6	0-50	50-83	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	.32	3	---	---
	6-25	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	.28			
	25-32	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	.32			
	32-36	---	---	---	---	0.0000-0.2	---	---	---	---	---			
GaC: Gilpin-----	0-6	0-50	50-83	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	.32	3	---	---
	6-25	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	.28			
	25-32	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	.32			
	32-36	---	---	---	---	0.0000-0.2	---	---	---	---	---			
GaD: Gilpin-----	0-6	0-50	50-83	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	.32	3	---	---
	6-25	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	.28			
	25-32	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	.32			
	32-36	---	---	---	---	0.0000-0.2	---	---	---	---	---			
GbC: Gilpin-----	0-6	0-50	50-83	15-27	1.20-1.40	0.6-2	0.12-0.16	0.0-2.9	0.5-4.0	.24	.32	3	---	48
	6-25	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	.28			
	25-32	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	.32			
	32-36	---	---	---	---	0.0000-0.2	---	---	---	---	---			
GbD: Gilpin-----	0-6	0-50	50-83	15-27	1.20-1.40	0.6-2	0.12-0.16	0.0-2.9	0.5-4.0	.24	.32	3	---	48
	6-25	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	.28			
	25-32	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	.32			
	32-36	---	---	---	---	0.0000-0.2	---	---	---	---	---			
GbE: Gilpin-----	0-6	0-50	50-83	15-27	1.20-1.40	0.6-2	0.12-0.16	0.0-2.9	0.5-4.0	.24	.32	3	---	48
	6-25	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	.28			
	25-32	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	.32			
	32-36	---	---	---	---	0.0000-0.2	---	---	---	---	---			
GbF: Gilpin-----	0-6	0-50	50-83	15-27	1.20-1.40	0.6-2	0.12-0.16	0.0-2.9	0.5-4.0	.24	.32	3	---	48
	6-25	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	.28			
	25-32	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	.32			
	32-36	---	---	---	---	0.0000-0.2	---	---	---	---	---			
GcC: Gilpin-----	0-6	0-50	50-83	15-27	1.20-1.40	0.6-2	0.08-0.14	0.0-2.9	---	.24	.32	3	---	---
	6-25	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	.28			
	25-32	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	.32			
	32-36	---	---	---	---	0.0000-0.2	---	---	---	---	---			
GcE: Gilpin-----	0-6	0-50	50-83	15-27	1.20-1.40	0.6-2	0.08-0.14	0.0-2.9	---	.24	.32	3	---	---
	6-25	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	.28			
	25-32	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	.32			
	32-36	---	---	---	---	0.0000-0.2	---	---	---	---	---			

Table J1b.--Physical Properties of the Soils--Continued

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					
GcF:														
Gilpin-----	0-6	0-50	50-83	15-27	1.20-1.40	0.6-2	0.08-0.14	0.0-2.9	---	.24	.32	3	---	---
	6-25	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	.28			
	25-32	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	.32			
	32-36	---	---	---	---	0.0000-0.2	---	---	---	---	---			
GdE:														
Gilpin-----	0-6	0-50	50-83	15-27	1.20-1.40	0.6-2	0.12-0.16	0.0-2.9	0.5-4.0	.24	.32	3	---	48
	6-25	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	.28			
	25-32	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	.32			
	32-36	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Dekalb-----	0-5	23-52	28-50	10-20	1.20-1.50	6-20	0.08-0.12	0.0-2.9	2.0-4.0	.17	.24	2	---	48
	5-28	---	---	7-18	1.20-1.50	6-20	0.06-0.12	0.0-2.9	---	.17	.24			
	28-33	---	---	5-15	1.20-1.50	6-20	0.05-0.10	0.0-2.9	---	.17	.24			
	33-37	---	---	---	---	0.2-0.6	---	---	---	---	---			
Other soils-----	---	---	---	---	---	---	---	---	---	---	---			
GdF:														
Gilpin-----	0-6	0-50	50-83	15-27	1.20-1.40	0.6-2	0.12-0.16	0.0-2.9	0.5-4.0	.24	.32	3	---	48
	6-25	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	.28			
	25-32	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	.32			
	32-36	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Dekalb-----	0-5	23-52	28-50	10-20	1.20-1.50	6-20	0.08-0.12	0.0-2.9	2.0-4.0	.17	.24	2	---	48
	5-28	---	---	7-18	1.20-1.50	6-20	0.06-0.12	0.0-2.9	---	.17	.24			
	28-33	---	---	5-15	1.20-1.50	6-20	0.05-0.10	0.0-2.9	---	.17	.24			
	33-37	---	---	---	---	0.2-0.6	---	---	---	---	---			
Other soils-----	---	---	---	---	---	---	---	---	---	---	---			
GkC:														
Gilpin-----	0-6	0-50	50-83	15-27	1.20-1.40	0.6-2	0.08-0.14	0.0-2.9	---	.24	.32	3	---	---
	6-25	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	.28			
	25-32	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	.32			
	32-36	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Dekalb-----	0-5	23-52	28-50	10-20	1.20-1.50	6-20	0.08-0.12	0.0-2.9	2.0-4.0	.17	.24	2	---	---
	5-28	---	---	7-18	1.20-1.50	6-20	0.06-0.12	0.0-2.9	---	.17	.24			
	28-33	---	---	5-15	1.20-1.50	6-20	0.05-0.10	0.0-2.9	---	.17	.24			
	33-37	---	---	---	---	0.2-0.6	---	---	---	---	---			
Other soils-----	---	---	---	---	---	---	---	---	---	---	---			
GkE:														
Gilpin-----	0-6	0-50	50-83	15-27	1.20-1.40	0.6-2	0.08-0.14	0.0-2.9	---	.24	.32	3	---	---
	6-25	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	.28			
	25-32	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	.32			
	32-36	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Dekalb-----	0-5	23-52	28-50	10-20	1.20-1.50	6-20	0.08-0.12	0.0-2.9	2.0-4.0	.17	.24	2	---	---
	5-28	---	---	7-18	1.20-1.50	6-20	0.06-0.12	0.0-2.9	---	.17	.24			
	28-33	---	---	5-15	1.20-1.50	6-20	0.05-0.10	0.0-2.9	---	.17	.24			
	33-37	---	---	---	---	0.2-0.6	---	---	---	---	---			
Other soils-----	---	---	---	---	---	---	---	---	---	---	---			
GkF:														
Gilpin-----	0-6	0-50	50-83	15-27	1.20-1.40	0.6-2	0.08-0.14	0.0-2.9	---	.24	.32	3	---	---
	6-25	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	.28			
	25-32	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	.32			
	32-36	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Dekalb-----	0-5	23-52	28-50	10-20	1.20-1.50	6-20	0.08-0.12	0.0-2.9	2.0-4.0	.17	.24	2	---	---
	5-28	---	---	7-18	1.20-1.50	6-20	0.06-0.12	0.0-2.9	---	.17	.24			
	28-33	---	---	5-15	1.20-1.50	6-20	0.05-0.10	0.0-2.9	---	.17	.24			
	33-37	---	---	---	---	0.2-0.6	---	---	---	---	---			
Other soils-----	---	---	---	---	---	---	---	---	---	---	---			
GuC:														
Gilpin-----	0-6	0-50	50-83	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	.32	3	---	---
	6-25	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	.28			
	25-32	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	.32			
	32-36	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Upshur-----	0-4	0-50	50-83	15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	1.0-4.0	.43	.43	3	---	48
	4-28	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	.32			
	28-48	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	.32			
	48-52	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Other soils-----	---	---	---	---	---	---	---	---	---	---	---			

Table J1b.--Physical Properties of the Soils--Continued

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					
GuD:														
Gilpin-----	0-6	0-50	50-83	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	.32	3	---	---
	6-25	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	.28			
	25-32	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	.32			
	32-36	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Upshur-----	0-4	0-50	50-83	15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	1.0-4.0	.43	.43	3	---	48
	4-28	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	.32			
	28-48	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	.32			
	48-52	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Other soils-----	---	---	---	---	---	---	---	---	---	---	---			
GuE:														
Gilpin-----	0-6	0-50	50-83	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	.32	3	---	---
	6-25	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	.28			
	25-32	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	.32			
	32-36	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Other soils-----	---	---	---	---	---	---	---	---	---	---	---			
Upshur-----	0-4	0-50	50-83	15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	1.0-4.0	.43	.43	3	---	48
	4-28	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	.32			
	28-48	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	.32			
	48-52	---	---	---	---	0.0000-0.2	---	---	---	---	---			
GuF:														
Gilpin-----	0-6	0-50	50-83	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	.32	3	---	---
	6-25	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	.28			
	25-32	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	.32			
	32-36	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Other soils-----	---	---	---	---	---	---	---	---	---	---	---			
Upshur-----	0-4	0-50	50-83	15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	1.0-4.0	.43	.43	3	---	48
	4-28	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	.32			
	28-48	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	.32			
	48-52	---	---	---	---	0.0000-0.2	---	---	---	---	---			
GwC3:														
Gilpin-----	0-6	0-50	50-83	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	.32	3	---	---
	6-25	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	.28			
	25-32	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	.32			
	32-36	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Upshur-----	0-4	0-20	40-73	27-35	1.20-1.50	0.2-0.6	0.12-0.16	3.0-5.9	0.5-3.0	.37	.37	3	---	38
	4-28	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	.32			
	28-48	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	.32			
	48-52	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Other soils-----	---	---	---	---	---	---	---	---	---	---	---			
GwD3:														
Gilpin-----	0-6	0-50	50-83	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	.32	3	---	---
	6-25	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	.28			
	25-32	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	.32			
	32-36	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Upshur-----	0-4	0-20	40-73	27-35	1.20-1.50	0.2-0.6	0.12-0.16	3.0-5.9	0.5-3.0	.37	.37	3	---	38
	4-28	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	.32			
	28-48	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	.32			
	48-52	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Other soils-----	---	---	---	---	---	---	---	---	---	---	---			
GwE3:														
Gilpin-----	0-6	0-50	50-83	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	.32	3	---	---
	6-25	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	.28			
	25-32	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	.32			
	32-36	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Other soils-----	---	---	---	---	---	---	---	---	---	---	---			
Upshur-----	0-4	0-20	40-73	27-35	1.20-1.50	0.2-0.6	0.12-0.16	3.0-5.9	0.5-3.0	.37	.37	3	---	38
	4-28	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	.32			
	28-48	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	.32			
	48-52	---	---	---	---	0.0000-0.2	---	---	---	---	---			
LyB:														
Lily-----	0-5	23-52	28-50	7-27	1.20-1.40	0.6-6	0.13-0.18	0.0-2.9	0.5-4.0	.28	.37	2	---	56
	5-34	---	---	18-35	1.25-1.35	2-6	0.12-0.18	0.0-2.9	---	.28	.28			
	34-37	---	---	20-35	1.25-1.35	2-6	0.08-0.17	0.0-2.9	---	.17	.24			
	37-41	---	---	---	---	0.2-0.6	---	---	---	---	---			

Table J1b.--Physical Properties of the Soils--Continued

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		
VaC:	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
Vandalia-----	0-9	0-50	50-83	20-27	1.20-1.50	0.2-2	0.12-0.18	3.0-5.9	1.0-3.0	.37	.37	4	6	48
	9-44	---	---	35-50	1.30-1.60	0.06-0.6	0.12-0.15	6.0-8.9	---	.32	.32			
	44-60	---	---	27-50	1.30-1.60	0.06-0.6	0.08-0.12	6.0-8.9	---	.32	.32			
Holly-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---
VaD:														
Vandalia-----	0-9	0-50	50-83	20-27	1.20-1.50	0.2-2	0.12-0.18	3.0-5.9	1.0-3.0	.37	.37	4	6	48
	9-44	---	---	35-50	1.30-1.60	0.06-0.6	0.12-0.15	6.0-8.9	---	.32	.32			
	44-60	---	---	27-50	1.30-1.60	0.06-0.6	0.08-0.12	6.0-8.9	---	.32	.32			
Holly-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---
W:														
Water-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---
WuE:														
Westmoreland-----	0-5	0-50	50-83	15-27	1.20-1.40	0.6-2	0.16-0.20	0.0-2.9	1.0-4.0	.37	.37	3	5	56
	5-38	---	---	20-35	1.20-1.50	0.6-2	0.12-0.18	0.0-2.9	---	.28	.32			
	38-50	---	---	18-35	1.20-1.50	0.6-2	0.06-0.10	0.0-2.9	---	.17	.20			
	50-54	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Other soils-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Upshur-----	0-4	0-50	50-83	15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	1.0-4.0	.43	.43	3	---	48
	4-28	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	.32			
	28-48	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	.32			
	48-52	---	---	---	---	0.0000-0.2	---	---	---	---	---			
WuF:														
Westmoreland-----	0-5	0-50	50-83	15-27	1.20-1.40	0.6-2	0.16-0.20	0.0-2.9	1.0-4.0	.37	.37	3	5	56
	5-38	---	---	20-35	1.20-1.50	0.6-2	0.12-0.18	0.0-2.9	---	.28	.32			
	38-50	---	---	18-35	1.20-1.50	0.6-2	0.06-0.10	0.0-2.9	---	.17	.20			
	50-54	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Other soils-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Upshur-----	0-4	0-50	50-83	15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	1.0-4.0	.43	.43	3	---	48
	4-28	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	.32			
	28-48	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	.32			
	48-52	---	---	---	---	0.0000-0.2	---	---	---	---	---			