

18-Jun-94

1985 FOOD SECURITY ACT

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SOILSDATA BASE			HOWELL	R=	250	18-Jun-94	Highly Erodible Soils Classification						January 1, 1990 Data				
DATA	COUNTY	SOILS-5	SERIES	SURFACE	OTHER	SLOPE	T	K	L	S	RK	AVE	AVE.	LOW	HIGH		
LINE	MAP	RECORD	NAME	TEXTURE	PHASE	PERCENT						LS	EROD.	EROD.	EROD.	CLASS	
ENTRY	UNIT	NUMBER		PHASE		LOW	HIGH						INDEX	INDEX	INDEX		
1	51A	KY0070	ASHTON	SIL	OCCAS	0	3	5	0.32	128	2	80.00	0.22	3.5	1.2	4.9	NHE
2	51C	KY0070	ASHTON	SIL	SLIGHT	3	9	5	0.32	128	6	80.00	0.76	12.2	4.9	21.2	PHE
3	59A	M00050	AUXVASSE	SIL	SLIGHT	0	3	3	0.43	150	2	107.50	0.23	8.1	2.7	11.6	PHE
4	59	M00068	BADO	SIL	SLIGHT	0	2	3	0.43	238	1	107.50	0.17	6.0	3.0	9.3	PHE
5	67D	M00073	BARDLEY	CR-SIL	SLIGHT	5	14	4	0.28	201	10	70.00	1.94	34.0	13.3	56.9	HE
6	67F	M00073	BARDLEY	CR-SIL	SLIGHT	14	35	4	0.28	201	25	70.00	8.35	146.1	56.9	253.6	HE
7	63A	ARO093	CAPTINA	SIL	SLIGHT	1	3	4	0.43	300	2	107.50	0.28	7.5	4.8	10.7	PHE
8	63B	ARO093	CAPTINA	SIL	SLIGHT	2	5	4	0.43	300	4	107.50	0.62	16.7	7.5	24.9	PHE
9	15A	M00006	CEDARGAP	CR-SIL	OCCAS	0	3	5	0.28	113	2	70.00	0.21	2.9	1.0	4.2	NHE
10	51B	TN0013	CLAIBORNE	SIL	SLIGHT	2	5	5	0.37	150	4	92.50	0.47	8.7	4.2	12.1	PHE
11	51C	TN0013	CLAIBORNE	SIL	SLIGHT	5	9	5	0.37	153	7	92.50	1.02	18.9	12.2	26.8	HE
12	51C2	TN0013	CLAIBORNE	CR-SIL	ERODED	5	9	5	0.37	153	7	92.50	1.02	18.9	12.2	26.8	HE
13	51D	TN0013	CLAIBORNE	SIL	SLIGHT	9	14	5	0.37	153	12	92.50	2.23	41.3	26.8	52.5	HE
14	69C	M00025	CLARKSVILLE	CR-SIL	SLIGHT	5	9	3	0.28	155	7	70.00	1.03	23.9	15.5	34.1	HE
15	69D	M00025	CLARKSVILLE	CRV-SIL	SLIGHT	9	14	3	0.28	155	12	70.00	2.25	52.4	34.1	66.6	HE
16	69F	M00204	CLARKSVILLE	CRV-SIL	STONY	14	35	2	0.28	155	25	70.00	7.33	256.7	100.0	445.4	HE
17	69C	M00110	COULSTONE	CR-L	SLIGHT	5	9	3	0.24	125	7	60.00	0.92	18.4	12.0	26.2	HE
18	69D	M00110	COULSTONE	CR-L	SLIGHT	9	14	3	0.24	125	12	60.00	2.02	40.3	26.2	51.3	HE
19	69F	M00110	COULSTONE	CR-L	SLIGHT	14	30	3	0.24	125	22	60.00	5.33	106.7	51.3	177.8	HE
20	66C	M00077	DONIPHAN	CR-SIL	SLIGHT	5	9	2	0.28	114	7	70.00	0.88	30.8	20.0	43.8	HE
21	66D	M00077	DONIPHAN	CR-SIL	SLIGHT	9	14	2	0.28	114	12	70.00	1.93	67.4	43.8	85.7	HE
22	66E	M00077	DONIPHAN	CR-SIL	SLIGHT	14	20	2	0.28	114	17	70.00	3.34	116.9	85.7	152.4	HE
23	66F	M00077	DONIPHAN	CR-SIL	SLIGHT	14	35	2	0.28	114	25	70.00	6.29	220.1	85.7	382.0	HE
24	15	IL0244	ELSAH	SIL	OCCAS	0	5	3	0.37	91	3	92.50	0.28	8.6	2.1	15.7	PHE
25	67C	M00028	GASCONADE	FL-SICL	SLIGHT	2	9	2	0.2	174	6	50.00	0.89	22.2	5.9	38.7	PHE
26	67G	M00028	GASCONADE-ROCK-	FL-SICL	SLIGHT	9	50	2	0.2	174	30	50.00	10.49	262.3	38.7	587.8	HE
27	67C	M00112	GATEWOOD	CR-SIL	SLIGHT	5	9	3	0.32	168	7	80.00	1.07	28.5	18.5	40.5	HE
28	67D	M00112	GATEWOOD	CR-SIL	SLIGHT	9	14	3	0.32	168	12	80.00	2.34	62.3	40.5	79.3	HE
29	67E	M00112	GATEWOOD	CR-SIL	SLIGHT	14	20	3	0.32	168	17	80.00	4.06	108.2	79.3	141.0	HE
30	59B	M00005	HARTVILLE	SIL	SLIGHT	2	5	3	0.43	285	4	107.50	0.61	21.8	9.8	32.4	HE

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LINE	MAP	RECORD	NAME	TEXTURE	PHASE	PERCENT						LS	EROD	EROD.	EROD.		
ENTRY	UNIT	NUMBER		PHASE		LOW	HIGH						INDEX	INDEX	INDEX		
31	59A	MO0005	HARTVILLE	SIL	SLIGHT	1	3	3	0.43	285	2	107.50	0.27	9.8	6.3	14.1	PHE
32	55B	MO0109	HOBSON	L	SLIGHT	2	5	4	0.37	145	4	92.50	0.46	10.7	5.2	14.9	PHE
33	55C	MO0109	HOBSON	L	SLIGHT	5	9	4	0.37	145	7	92.50	0.99	23.0	14.9	32.7	HE
34	55D	MO0109	HOBSON	L	SLIGHT	9	14	4	0.37	145	12	92.50	2.17	50.2	32.7	63.9	HE
35	63B	MO0113	LEBANON	SIL	SLIGHT	2	5	4	0.43	175	4	107.50	0.50	13.4	6.4	19.0	PHE
36	63C	MO0113	LEBANON	SIL	SLIGHT	5	9	4	0.43	175	7	107.50	1.09	29.3	19.0	41.7	HE
37	63D	MO0113	LEBANON	SIL	SLIGHT	9	14	4	0.43	175	12	107.50	2.39	64.1	41.7	81.6	HE
38	57B	MO0107	MACEDONIA	SIL	SLIGHT	2	5	5	0.37	193	4	92.50	0.52	9.6	4.5	13.7	PHE
39	57C	MO0107	MACEDONIA	SIL	SLIGHT	5	9	5	0.37	193	7	92.50	1.15	21.2	13.7	30.1	HE
40	57D	MO0107	MACEDONIA	SIL	SLIGHT	9	14	5	0.37	193	12	92.50	2.51	46.4	30.1	59.0	HE
41	14	KY0025	MELVIN	SIL	OCCAS	0	2	5	0.43	102	1	107.50	0.13	2.8	1.5	4.3	NHE
42	24A	MO0108	MIDCO	CR-SL	OCCAS	0	3	5	0.24	71	2	60.00	0.18	2.2	0.8	3.1	NHE
43	63	MO0095	NEEDLEYE	SIL	SLIGHT	0	2	4	0.37	188	1	92.50	0.16	3.6	1.8	5.6	NHE
44	63B	MO0095	NEEDLEYE	SIL	SLIGHT	2	5	4	0.37	188	4	92.50	0.51	11.9	5.6	17.0	PHE
45	52	IA0026	NEVIN	SIL	OCCAS	0	2	5	0.32	125	1	80.00	0.14	2.2	1.2	3.4	NHE
46	52B	IA0026	NEVIN	SIL	RARE	2	5	5	0.32	125	4	80.00	0.44	7.0	3.4	9.6	PHE
47	11	KY0017	NOLIN	SIL	FREQ, BRIEF	0	2	5	0.43	96	1	107.50	0.13	2.7	1.5	4.3	NHE
48	11A	KY0017	NOLIN	SIL	OCCAS	0	3	5	0.43	96	2	107.50	0.20	4.3	1.5	6.1	NHE
49	66C	MO0165	OCIE	CR-SIL	SLIGHT	2	9	4	0.32	203	6	80.00	0.96	19.2	5.0	33.4	PHE
50	66D	MO0165	OCIE	CR-SIL	SLIGHT	9	14	4	0.32	203	12	80.00	2.57	51.4	33.4	65.4	HE
51	66E	MO0165	OCIE	CR-SIL	SLIGHT	14	20	4	0.32	203	17	80.00	4.46	89.2	65.4	116.2	HE
52	66F	MO0165	OCIE	CR-SIL	SLIGHT	20	35	4	0.32	203	25	80.00	8.39	167.8	116.2	291.3	HE
53	15A	KY0018	POPE	FSL	OCCAS	0	4	5	0.28	55	2	70.00	0.17	2.3	0.9	4.4	NHE
54	15A	AR0028	RAZORT	SIL	OCCAS	1	4	5	0.37	67	3	92.50	0.25	4.7	2.1	6.3	NHE
55	61B	MO0021	SAMPEL	SICL	SLIGHT	2	5	3	0.37	224	4	92.50	0.55	17.0	7.9	24.7	PHE
56	61C	MO0021	SAMPEL	SICL	SLIGHT	5	9	3	0.37	224	7	92.50	1.23	38.0	24.7	54.1	HE
57	15A	MO0100	SECESH	SIL	OCCAS	0	3	4	0.32	206	2	80.00	0.25	5.0	1.6	7.1	NHE
58	63B	MO0097	VIRATON	SIL	SLIGHT	2	5	4	0.43	223	4	107.50	0.55	14.8	6.9	21.5	PHE
59	63C	MO0097	VIRATON	SIL	SLIGHT	5	9	4	0.43	223	7	107.50	1.23	33.1	21.5	47.1	HE
60	73C	MO0085	WILDERNESS	CR-SIL	SLIGHT	2	9	2	0.28	181	6	70.00	0.90	31.7	8.4	55.2	HE

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SOILSDATA BASE			HOWELL	R=	250	18-Jun-94	Highly Erodible Soils Classification					January 1, 1990 Data					
DATA	COUNTY	SOILS-5	SERIES	SURFACE	OTHER	SLOPE	T	K	L	S	RK	AVE	AVE.	LOW	HIGH		
LINE	MAP	RECORD	NAME	TEXTURE	PHASE	PERCENT						LS	EROD	EROD.	EROD.	CLASS	
ENTRY	UNIT	NUMBER		PHASE		LOW	HIGH						INDEX	INDEX	INDEX		
61	73D	MO0085	WILDERNESS	CR-SIL	SLIGHT	9	14	2	0.28	181	12	70.00	2.43	84.9	55.2	108.0	HE

This information is to be used for HEL determinations

For planning and programs the current information on the soils-5 interpretation record should be used.

STATE CONSERVATIONIST RUSSELL C. MILLS

DARTE

11-09-94