

LS and Supporting Data for 1990 Frozen HEL List

SHAMREE COUNTY, KANSAS

sym	seq num	component percent	component name	-----slope-----			slope length	LS Value
				low	average	high		
AN	1	100	ALLUVIAL LAND	0	1	2	350	0.19
BK	1	55	BREAKS	3	7	11	125	0.92
BK	2	45	ALLUVIAL LAND	3	5	5	200	0.76
BR	1	100	BROKEN ALLUVIAL LAND	0	10	2	100	1.37
DM	1	65	DWIGHT	1	2	3	300	0.28
DM	2	35	MARTIN	1	2	3	300	0.28
DS	1	100	DWIGHT	0	1	1	350	0.19
DW	1	100	DWIGHT	1	2	3	300	0.28
EL	1	100	ELMONT	3	8	7	175	0.71
EM	1	100	ELMONT	3	8	7	175	0.71
EN	1	100	ELMONT	7	10	12	100	
EO	1	100	ELMONT	7	10	12	100	
EP	1	75	ELMONT	3	5	7	175	0.71
EP	2	25	SLICKSPOTS	0	2	3	300	0.28
ES	1	100	EUDORA	1	2	3	300	0.28
ET	1	100	EUDORA	0	1	1	350	0.19
EU	1	100	EUDORA	6	9	12	100	1.17
EV	1	60	EUDORA	0	1	2	350	0.19
EV	2	40	KIMO	0	1	1	350	0.19
EW	1	70	EUDORA	0	1	2	350	0.19
EW	2	30	KIMO	0	1	1	350	0.19
GM	1	100	GYMER	3	6	8	150	0.82
GY	1	100	GYMER	3	6	8	150	0.82
KB	1	100	KENNEBEC	0	1	2	350	0.19
KC	1	100	KENNEBEC	0	1	2	350	0.19
KM	1	100	KIMO	0	1	1	350	0.19
KO	1	100	KIMO	0	1	1	350	0.19
KS	1	55	KIPSON	3	14	25	75	1.99
KS	2	45	SOGN	0	10	20	100	1.37
KU	1	100	KONAMA	4	6	8	150	0.82
KW	1	100	KONAMA	8	10	12	100	1.37
LA	1	100	LABETTE	1	2	3	300	0.28
LB	1	100	LABETTE	3	5	6	175	0.71
LC	1	100	LABETTE	3	5	6	175	0.71
LD	1	100	LADYSMITH	0	1	1	350	0.19
LM	1	100	LADYSMITH	1	2	3	300	0.28
LS	1	100	LADYSMITH	1	2	3	300	0.28
MB	1	100	MARTIN	1	2	3	300	0.28
MC	1	100	MARTIN	3	5	7	175	0.71
ME	1	100	MARTIN	3	5	7	175	0.71
MF	1	100	MARTIN	7	9	11	100	1.17
MH	1	100	MARTIN	7	9	11	100	1.17
MK	1	100	MARTIN	3	5	7	175	0.71
MM	1	100	MORRILL	3	6	8	150	0.82
MN	1	100	MORRILL	3	6	8	150	0.82
MO	1	100	MORRILL	8	10	12	100	1.37
MP	1	70	MORRILL	4	8	12	100	0.99

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sym	seq num	component percent	component name	-----slope-----			slope length	LS Value
				low	average	high		
MP		30	MORRILL	4	8	12	100	0.99
MR		100	MUIR	0	1	2	350	0.19
PA		100	PANNEE	0	2	3	300	0.28
PC		100	PANNEE	3	5	7	175	0.71
PE		100	PANNEE	3	5	7	175	0.71
PN		100	PANNEE	7	9	11	100	1.17
RE		100	READING	0	1	2	350	0.19
RV		100	RIVER WASH		1		350	0.19
SA		100	SARPY	0	1	2	350	0.19
SE	1	55	SARPY	0	1	1	350	0.19
SE	2	45	EUDORA	0	1	1	350	0.19
SG	1	100	SHARPSBURG	1	2	3	300	
SH	1	100	SHARPSBURG	3	5	6	175	
SK		100	SHELBY	1	2	3	300	0.28
SM		100	SHELBY	3	6	8	150	0.82
SN		100	SHELBY	3	6	8	150	0.82
SO		100	SHELBY	8	10	12	100	1.37
SP		100	SHELLABARGER	3	6	8	150	0.82
SR		100	SHELLABARGER	3	6	8	150	0.82
		100	SHELLABARGER	8	10	12	100	1.37
		100	SIBLEYVILLE	3	5	7	175	0.71
SU		100	SIBLEYVILLE	7	9	11	100	1.17
SV		65	SOGN	0	8	15	100	0.99
SV	2	35	VINLAND	3	14	25	75	1.99
SW	1	100	STONY STEEP LAND		10		100	1.37
VN		100	VINLAND	4	7	10	125	0.92
WA		100	WABASH	0	1	1	350	0.19
WB		100	WABASH	0	1	1	350	0.19
WE		100	WELDA	4	7	10	125	0.92

CRP 20 Soil Supporting Data for 1990 Frozen HEL List

Survey Area - SHAWNEE COUNTY, KANSAS

map unit symbol	component name	LS factor	frozen T	frozen K	frozen WEI	Leaching index	wesi	pm10
AN	ALLUVIAL LAND	0.19	5	0.32	48	3	0	0
BK	BREAKS	0.92	4	0.37	38	1	0	0
BR	BROKEN ALLUVIAL LAND	1.37	5	0.32	48	1	0	0
DM	DWIGHT	0.28	3	0.43	48	0	0	0
DS	DWIGHT	0.19	3	0.43	48	0	0	0
DW	DWIGHT	0.28	3	0.43	48	0	0	0
EL	ELMONT	0.71	5	0.32	48	2	0	0
EM	ELMONT	0.71	5	0.32	48	2	0	0
EN	ELMONT	1.37	5	0.32	48	2	0	0
EO	ELMONT	1.37	5	0.32	48	2	0	0
EP	ELMONT	0.71	5	0.32	48	2	0	0
ES	EUDORA	0.28	5	0.2	86	1	0	0
ET	EUDORA	0.19	5	0.32	48	1	0	0
EU	EUDORA	1.17	5	0.32	48	1	0	0
EV	EUDORA	0.19	5	0.32	48	1	0	0
EW	EUDORA	0.19	5	0.2	86	1	0	0
GM	GYMER	0.82	5	0.32	48	1	0	0
GY	GYMER	0.82	5	0.32	48	1	0	0
KB	KENNEBEC	0.19	5	0.32	48	3	0	0
KC	KENNEBEC	0.19	5	0.37	48	3	0	0
KM	KIMO	0.19	5	0.37	38	3	0	0
KO	KIMO	0.19	5	0.37	38	3	0	0
KS	KIPSON	1.99	2	0.32	86	0	0	0
KU	KONAWA	0.82	5	0.24	86	2	0	0
KW	KONAWA	1.37	5	0.24	86	2	0	0
LA	LABETTE	0.28	3	0.37	38	1	0	0
LB	LABETTE	0.71	3	0.37	38	1	0	0
LC	LABETTE	0.71	3	0.37	38	1	0	0
LD	LADYSMITH	0.19	4	0.37	38	0	0	0
LM	LADYSMITH	0.28	4	0.37	38	0	0	0
LS	LADYSMITH	0.28	4	0.37	38	0	0	0
MB	MARTIN	0.28	4	0.37	38	1	0	0
MC	MARTIN	0.71	4	0.37	38	1	0	0
ME	MARTIN	0.71	4	0.37	38	1	0	0
MF	MARTIN	1.17	4	0.37	38	1	0	0
MH	MARTIN	1.17	4	0.37	38	1	0	0
MK	MARTIN	0.71	4	0.37	86	1	0	0
MM	MORRILL	0.82	5	0.28	48	1	0	0
MN	MORRILL	0.82	5	0.28	48	2	0	0
MO	MORRILL	1.37	5	0.28	48	1	0	0
MP	MORRILL	0.99	5	0.28	48	1	0	0

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Survey Area - SHAWNEE COUNTY, KANSAS

map unit symbol	component name	LS factor	frozen T	frozen K	frozen WEI	Leaching index	wesi	pm10
MR	MUIR	0.19	5	0.32	48	1	0	0
PA	PAWNEE	0.28	4	0.37	48	0	0	0
PC	PAWNEE	0.71	4	0.37	48	0	0	0
PE	PAWNEE	0.71	4	0.37	48	0	0	0
PN	PAWNEE	1.17	4	0.37	48	0	0	0
RE	READING	0.19	5	0.32	48	1	0	0
RV	RIVER WASH	0.19	5	0.15	220	2	0	0
SA	SARPY	0.19	5	0.15	220	2	0	0
SE	SARPY	0.19	5	0.15	220	3	0	0
SG	SHARPSBURG	0.28	5	0.32	38	1	0	0
SH	SHARPSBURG	0.71	5	0.32	38	1	0	0
SK	SHELBY	0.28	4	0.28	48	1	0	0
SM	SHELBY	0.82	4	0.28	48	1	0	0
SN	SHELBY	0.82	4	0.28	48	2	0	0
SO	SHELBY	1.37	5	0.28	48	1	0	0
SP	SHELLABARGER	0.82	5	0.2	86	1	0	0
SR	SHELLABARGER	0.82	5	0.2	86	2	0	0
SS	SHELLABARGER	1.37	5	0.2	86	1	0	0
ST	SIBLEYVILLE	0.71	4	0.28	48	1	0	0
SU	SIBLEYVILLE	1.17	4	0.28	48	1	0	0
SV	SOGN	0.99	1	0.32	86	0	0	0
SW	STONY STEEP LAND	1.37	4	0.37	38	0	0	0
VN	VINLAND	0.92	2	0.32	38	0	0	0
WA	WABASH	0.19	5	0.28	86	3	0	0
WB	WABASH	0.19	5	0.37	38	3	0	0
WE	WELDA	0.92	5	0.32	48	1	0	0