

Kay County, Oklahoma  
Frozen HELC Soil Interpretation Factors January 1, 1990

Soil Survey	Map		Sequence	USLE	USLE	WEQ
Area ID	Symbol	Soil Mapunit Name	No.	K	T	I
OK071	BeA	BETHANY SILT LOAM, 0 TO 1 PERCENT SLOPES	1	0.43	5	48
OK071	Bk	BREAKS-ALLUVIAL LAND COMPLEX (GRAINOLA)	1	0.37	3	86
OK071	Bk	BREAKS-ALLUVIAL LAND COMPLEX (PORT)	2	0.37	5	48
OK071	Bm	BREWER SILTY CLAY LOAM	1	0.37	5	48
OK071	Br	BROKEN ALLUVIAL LAND (PORT)	1	0.37	5	48
OK071	Ca	CARR FINE SANDY LOAM, (POCASSET VARIANT)	1	0.2	5	86
OK071	CuD	CARWILE-PRATT COMPLEX, UNDULATING	1	0.32	5	86
OK071	CuD	CARWILE-PRATT COMPLEX, UNDULATING (VARIANT)	2	0.17	5	134
OK071	Dc	DALE CLAY LOAM	1	0.32	5	48
OK071	Ds	DALE SILT LOAM	1	0.37	5	48
OK071	DxB	DOUGHERTY-EUFAULA COMPLEX, 0 TO 3 PERCENT SLOPES	1	0.2	5	134
OK071	DxB	DOUGHERTY-EUFAULA COMPLEX, 0 TO 3 PERCENT SLOPES	2	0.15	5	220
OK071	DxC	DOUGHERTY-EUFAULA COMPLEX, 3 TO 8 PERCENT SLOPES	1	0.2	5	134
OK071	DxC	DOUGHERTY-EUFAULA COMPLEX, 3 TO 8 PERCENT SLOPES	2	0.15	5	220
OK071	Es	ERODED CLAYEY LAND (RENFROW)	1	0.49	4	48
OK071	Et	ERODED LOAMY LAND (NORGE)	1	0.24	4	86
OK071	Hu	HUMBARGER LOAM(EASPUR)	1	0.37	5	86
OK071	Ka	KAW SILT LOAM (ELANDCO)	1	0.37	5	48
OK071	Kc	KAW SILTY CLAY LOAM (ELANDCO)	1	0.32	5	38
OK071	KnB	KIRKLAND SILT LOAM, 1 TO 3 PERCENT SLOPES	1	0.49	5	48
OK071	KrC2	KIRKLAND-RENFROW COMPLEX, 2 TO 5 PERCENT SLOPES, ERODED	1	0.49	5	48
OK071	KrC2	KIRKLAND-RENFROW COMPLEX, 2 TO 5 PERCENT SLOPES, ERODED	2	0.49	5	48
OK071	LaD	LABETTE CLAY LOAM, 5 TO 8 PERCENT SLOPES	1	0.37	5	48
OK071	LbC2	LABETTE-SLICKSPOT COMPLEX, 3 TO 5 PERCENT SLOPES, ERODED (LABETTE)	1	0.37	4	48
OK071	LbC2	LABETTE-SLICKSPOT COMPLEX, 3 TO 5 PERCENT SLOPES, ERODED ( PAWHUSKA)	2	0.49	1	48
OK071	Lc	LELA CLAY	1	0.37	5	86
OK071	Le	LELA-SLICKSPOT COMPLEX (LELA)	1	0.37	4	86
OK071	Le	LELA-SLICKSPOT COMPLEX ( DRUMMOND)	2	0.49	1	48

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OK071	Lm	LINCOLN SOILS (GADDY)	1	0.17	5	134
OK071	Lo	LOAMY BROKEN LAND (MINCO)	1	0.37	5	56
OK071	MaA	MCLAIN SILT LOAM	1	0.43	5	48
OK071	Mb	MCLAIN SILTY CLAY LOAM	1	0.37	5	38
OK071	Mc	MILLER CLAY	1	0.37	5	86
OK071	NeA	NEWTONIA SILT LOAM, 0 TO 1 PERCENT SLOPES	1	0.43	5	48
OK071	NeB	NEWTONIA SILT LOAM, 1 TO 3 PERCENT SLOPES	1	0.43	5	48
OK071	NeC	NEWTONIA SILT LOAM, 3 TO 5 PERCENT SLOPES	1	0.43	5	48
OK071	NnC2	NEWTONIA SILT LOAM, 3 TO 5 PERCENT, ERODED	1	0.43	5	48
OK071	NoA	NORGE LOAM, 0 TO 1 PERCENT SLOPES	1	0.37	5	48
OK071	NoB	NORGE LOAM, 1 TO 3 PERCENT SLOPES	1	0.37	5	48
OK071	NoC	NORGE LOAM, 3 TO 5 PERCENT SLOPES	1	0.37	5	48
OK071	NoC2	NORGE LOAM, 3 TO 5 PERCENT SLOPES, ERODED	1	0.37	5	48
OK071	NoD	NORGE LOAM, 5 TO 8 PERCENT SLOPES	1	0.37	5	48
OK071	NoD2	NORGE LOAM, 5 TO 8 PERCENT SLOPES, ERODED	1	0.37	5	48
OK071	NxC	NORGE-ALBION COMPLEX, 3 TO 5 PERCENT SLOPES (NORGE)	1	0.37	5	48
OK071	NxC	NORGE-ALBION COMPLEX, 3 TO 5 PERCENT SLOPES	2	0.2	5	86
OK071	Od	OIL WASTE LAND	1	-	-	-
OK071	OwE	OWENS CLAY, 3 TO 12 PERCENT SLOPES	1	0.37	2	86
OK071	Pf	PORT SOILS, FREQUENTLY FLOODED	1	0.37	5	48
OK071	Ps	PORT SILT LOAM	1	0.37	5	48
OK071	PtC	PRATT LOAMY FINE SAND, HUMMOCKY	1	0.17	5	134
OK071	RcA	REINACH LOAM, 0 TO 1 PERCENT	1	0.37	5	56
OK071	RcD	REINACH LOAM, 3 TO 8 PERCENT SLOPES (AMBER)	1	0.37	5	56
OK071	RkC	RENFROW-KIRKLAND SILT LOAMS, 3 TO 5 PERCENT SLOPES	1	0.49	5	48
OK071	RkC	RENFROW-KIRKLAND SILT LOAMS, 3 TO 5 PERCENT SLOPES	2	0.49	5	48
OK071	Sa	SAND DUNES LINCOLN MATERIAL (GOODNIGHT)	1	0.17	5	134
OK071	ShB	SHELLABARGER FINE SANDY LOAM, 1 TO 3 PERCENT SLOPES	1	0.24	5	86

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OK071	ShC	SHELLABARGER FINE SANDY LOAM, 3 TO 5 PERCENT SLOPES	1	0.24	5	86
OK071	ShD	SHELLABARGER FINE SANDY LOAM, 5 TO 8 PERCENT SLOPES	1	0.24	5	86
OK071	SnB	SOGN SOILS, 1 TO 3 PERCENT SLOPES (SHIDLER)	1	0.24	1	0
OK071	SsF	SOGN-SUMMIT COMPLEX, 5 TO 20 PERCENT SLOPES (SHIDLER)	1	0.24	1	0
OK071	SsF	SOGN-SUMMIT COMPLEX, 5 TO 20 PERCENT SLOPES (GRAINOLA, SUMMIT)	2	0.37	3	86
OK071	SuB	SUMMIT SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES (APPERSON) VARIANT	1	0.37	3	38
OK071	SuC	SUMMIT SILTY CLAY LOAM, 3 TO 5 PERCENT SLOPES (VARIANT)	1	0.37	5	38
OK071	SyC2	SUMMIT SILTY CLAY, 3 TO 5 PERCENT SLOPES, ERODED (VARIANT)	1	0.32	5	86
OK071	TaA	TABLER SILT LOAM, 0 TO 1 PERCENT SLOPES	1	0.49	5	48
OK071	VaA	VANOSS SILT LOAM, 0 TO 1 PERCENT SLOPES (POND CREEK)	1	0.37	5	48
OK071	VaB	VANOSS SILT LOAM, 1 TO 3 PERCENT SLOPES	1	0.37	5	48
OK071	VaC	VANOSS SILT LOAM, 3 TO 5 PERCENT SLOPES	1	0.37	5	48
OK071	VaD	VANOSS SILT LOAM, 5 TO 8 PERCENT	1	0.37	5	48
OK071	VeC	VERNON CLAY LOAM, 3 TO 5 PERCENT SLOPES (GRAINOLA)	1	0.37	3	86
OK071	VsE	VERNON SOILS, 5 TO 12 PERCENT SLOPES (MASHAM)	1	0.37	2	86
OK071	Wa	WAURIKA SILT LOAM	1	0.49	4	48
OK071	Ya	YAHOLA FINE SANDY LOAM	1	0.2	5	86
OK071	Yf	YAHOLA LOAMY FINE SAND (GADDY)	1	0.17	5	134
OK071	ZZ994	ROCK QUARRY				
OK071	ZZ999	WATER	1	0	0	0