

Soil Correlation Of
Madison County, Kentucky: Original Soil Map Legend

HEL Class*	Frozen symbol	Frozen map unit name	Current symbol	Current map unit name
HEL	AlF	Alluvial land, steep	AlF	Alluvial land, steep (wheeling)
PHEL	BaB	Beasley silt loam, 2 to 6 percent slopes	BaB	Beasley silt loam, 2 to 6 percent slopes
HEL	BaC	Beasley silt loam, 6 to 12 percent slopes	BaC	Beasley silt loam, 6 to 12 percent slopes
HEL	BaD	Beasley silt loam, 12 to 20 percent slopes	BaD	Beasley silt loam, 12 to 20 percent slopes
HEL	BcC3	Beasley silty clay loam, 6 to 12 percent slopes, severely eroded	BcC3	Beasley silty clay loam, 6 to 12 percent slopes, severely eroded
HEL	BcD3	Beasley silty clay loam, 12 to 20 percent slopes, severely eroded	BcD3	Beasley silty clay loam, 12 to 20 percent slopes, severely eroded
NHEL	BeA	Berea silt loam, 0 to 2 percent slopes	BeA	Berea silt loam, 0 to 2 percent slopes
PHEL	BeB	Berea silt loam, 2 to 6 percent slopes	BeB	Berea silt loam, 2 to 6 percent slopes
HEL	BeC	Berea silt loam, 6 to 12 percent slopes	BeC	Berea silt loam, 6 to 12 percent slopes
NHEL	Bg	Blago silt loam	Bg	Blago silt loam
NHEL	Bo	Boonesboro silt loam	Bo	Boonesboro silt loam
HEL	BrC	Brassfield silt loam, 6 to 12 percent slopes	BrC	Brassfield silt loam, 6 to 12 percent slopes
HEL	BrE	Brassfield silt loam, 12 to 30 percent slopes	BrE	Brassfield silt loam, 12 to 30 percent slopes
HEL	BrF	Brassfield silt loam, 30 to 50 percent slopes	BrF	Brassfield silt loam, 30 to 50 percent slopes
PHEL	CaB	Caleast silt loam, 2 to 6 percent slopes	CaB	Caleast silt loam, 2 to 6 percent slopes
HEL	CaC	Caleast silt loam, 6 to 12 percent slopes	CaC	Caleast silt loam, 6 to 12 percent slopes
HEL	CeF	Caneyville very stony silt loam, 35 to 60 percent slopes	CeF	Caneyville very stony silt loam, 35 to 60 percent slopes
NHEL	CnA	Captina silt loam, 0 to 2 percent slopes	CnA	Captina silt loam, 0 to 2 percent slopes (otwell)
PHEL	CnB	Captina silt loam, 2 to 6 percent slopes	CnB	Captina silt loam, 2 to 6 percent slopes (otwell)
HEL	CnC	Captina silt loam, 6 to 12 percent slopes	CnC	Captina silt loam, 6 to 12 percent slopes (otwell)
HEL	CnC3	Captina silt loam, 6 to 12 percent slopes, severely eroded	CnC3	Captina silt loam, 6 to 12 percent slopes, severely eroded (otwell)
HEL	CoF	Colyer shaly silt loam, 12 to 50 percent slopes	CoF	Colyer shaly silt loam, 12 to 50 percent slopes
HEL	CsF3	Colyer shaly silty clay loam, 12 to 50 percent slopes, severely eroded	CsF3	Colyer shaly silty clay loam, 12 to 50 percent slopes, severely eroded
PHEL	CuB	Culleoka silt loam, 2 to 6 percent slopes	CuB	Culleoka silt loam, 2 to 6 percent slopes
HEL	CuC	Culleoka silt loam, 6 to 12 percent slopes	CuC	Culleoka silt loam, 6 to 12 percent slopes
HEL	CuD	Culleoka silt loam, 12 to 20 percent slopes	CuD	Culleoka silt loam, 12 to 20 percent slopes
HEL	CwE	Culleoka flaggy silt loam, 20 to 30 percent slopes	CwE	Culleoka flaggy silt loam, 20 to 30 percent slopes
HEL	CwF	Culleoka flaggy silt loam, 30 to 50 percent slopes	CwF	Culleoka flaggy silt loam, 30 to 50 percent slopes
HEL	CyE	Cynthiana-Rock outcrop complex, 12 to 30 percent slopes	CyE	Cynthiana-Rock outcrop complex, 12 to 30 percent slopes
	DAM	Dam	DAM	Dam
NHEL	Du	Dunning silty clay loam	Du	Dunning silty clay loam

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HEL	Edd2	Eden silty clay loam, 6 to 20 percent slopes, eroded	EdD2	Eden silty clay loam, 6 to 20 percent slopes, eroded
HEL	EeE2	Eden flaggy clay, 20 to 30 percent slopes, eroded	EeE2	Eden flaggy clay, 20 to 30 percent slopes, eroded
HEL	EeF2	Eden flaggy clay, 30 to 50 percent slopes, eroded	EeF2	Eden flaggy clay, 30 to 50 percent slopes, eroded
NHEL	Eg	Egam silty clay loam	Eg	Egam silty clay loam
NHEL	ElA	Elk silt loam, 0 to 2 percent slopes	EkA	Elk silt loam, 0 to 2 percent slopes
PHEL	ElB	Elk silt loam, 2 to 6 percent slopes	EkB	Elk silt loam, 2 to 6 percent slopes
PHEL	ElC	Elk silt loam, 6 to 12 percent slopes	EkC	Elk silt loam, 6 to 12 percent slopes
HEL	ElD	Elk silt loam, 12 to 20 percent slopes	ElD	Elk silt loam, 12 to 20 percent slopes
NHEL	ElA	Elk silt loam, 0 to 2 percent slopes	ErA	Elk silt loam, 0 to 2 percent slopes, rarely flooded
PHEL	ElB	Elk silt loam, 2 to 6 percent slopes	ErB	Elk silt loam, 2 to 6 percent slopes, rarely flooded
PHEL	ElC	Elk silt loam, 6 to 12 percent slopes	ErC	Elk silt loam, 6 to 12 percent slopes, rarely flooded
HEL	FaF	Fairmount-Rock outcrop complex, 30 to 60 percent slopes	FaF	Fairmount-Rock outcrop complex, 30 to 60 percent slopes
HEL	FdC	Faywood silt loam, 6 to 12 percent slopes	FdC	Faywood silt loam, 6 to 12 percent slopes
HEL	FdE	Faywood silt loam, 12 to 30 percent slopes	FdE	Faywood silt loam, 12 to 30 percent slopes
HEL	Gu	Gullied land	Gu	Gullied land
PHEL	HaB	Hagerstown silt loam, 2 to 6 percent slopes	HaB	Hagerstown silt loam, 2 to 6 percent slopes
HEL	HaC	Hagerstown silt loam, 6 to 12 percent slopes	HaC	Hagerstown silt loam, 6 to 12 percent slopes
NHEL	Hu	Huntington silt loam	Hu	Huntington silt loam
PHEL	Kp	Kickapoo fine sandy loam	Kp	Kickapoo fine sandy loam (grigsby)
NHEL	Lc	Lawrence silt loam	Lc	Lawrence silt loam
NHEL	Ld	Lindside silt loam	Ld	Lindside silt loam
HEL	LyE3	Lowell silty clay loam, 12 to 30 percent slopes, severely eroded	LyE3	Lowell silty clay loam, 12 to 30 percent slopes, severely eroded
HEL	MnC	McAfee silt loam, 6 to 12 percent slopes	MnC	McAfee silt loam, 6 to 12 percent slopes
HEL	MnD	McAfee silt loam, 12 to 20 percent slopes	MnD	McAfee silt loam, 12 to 20 percent slopes
NHEL	Mt	Melvin silt loam	Mt	Melvin silt loam, 0 to 2 percent slopes, occasionally flooded
NHEL	MuA	Mercer silt loam, 0 to 2 percent slopes	MuA	Mercer silt loam, 0 to 2 percent slopes
PHEL	MuB	Mercer silt loam, 2 to 6 percent slopes	MuB	Mercer silt loam, 2 to 6 percent slopes
HEL	MuC	Mercer silt loam, 6 to 12 percent slopes	MuC	Mercer silt loam, 6 to 12 percent slopes
HEL	MvC3	Mercer silty clay loam, 6 to 12 percent slopes, severely eroded	MvC3	Mercer silty clay loam, 6 to 12 percent slopes, severely eroded
NHEL	MwA	Monongahela fine sandy loam, 0 to 2 percent slopes	MwA	Monongahela fine sandy loam, 0 to 2 percent slopes

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PHEL	MwB	Monongahela fine sandy loam, 2 to 6 percent slopes	MwB	Monongahela fine sandy loam, 2 to 6 percent slopes
HEL	MwC	Monongahela fine sandy loam, 6 to 12 percent slopes	MwC	Monongahela fine sandy loam, 6 to 12 percent slopes
NHEL	Ne	Newark silt loam	Ne	Newark silt loam, 0 to 2 percent slopes, occasionally flooded
PHEL	NhB	Nicholson silt loam, 2 to 6 percent slopes	NhB	Nicholson silt loam, 2 to 6 percent slopes
HEL	NhC	Nicholson silt loam, 6 to 12 percent slopes	NhC	Nicholson silt loam, 6 to 12 percent slopes
HEL	OtC	Otway silty clay, 6 to 12 percent slopes	OtC	Otway silty clay, 6 to 12 percent slopes (shrouts)
HEL	OtE	Otway silty clay, 12 to 30 percent slopes	OtE	Otway silty clay, 12 to 30 percent slopes (shrouts)
HEL	OtF	Otway silty clay, 30 to 50 percent slopes	OtF	Otway silty clay, 30 to 50 percent slopes (shrouts)
	Pt	Pits, quarries	Pt	Pits, quarries
HEL	RaC	Rarden silt loam, 6 to 12 percent slopes	RaC	Rarden silt loam, 6 to 12 percent slopes
HEL	RaD2	Rarden silt loam, 12 to 20 percent slopes, eroded	RaD2	Rarden silt loam, 12 to 20 percent slopes, eroded
NHEL	Rb	Robertsville silt loam	Rb	Robertsville silt loam
HEL	RcC	Rockcastle silt loam, 6 to 12 percent slopes	RcC	Rockcastle silt loam, 6 to 12 percent slopes
HEL	RcD	Rockcastle silt loam, 12 to 20 percent slopes	RcD	Rockcastle silt loam, 12 to 20 percent slopes
HEL	RcE	Rockcastle silt loam, 20 to 30 percent slopes	RcE	Rockcastle silt loam, 20 to 30 percent slopes
HEL	RoE	Rock outcrop-Opequon complex, 12 to 30 percent slopes	RoE	Rock outcrop-Opequon complex, 12 to 30 percent slopes
HEL	Rs	Rock outcrop, shale	Rs	Rock outcrop, shale
NHEL	ShA	Shelbyville silt loam, 0 to 2 percent slopes	ShA	Shelbyville silt loam, 0 to 2 percent slopes
PHEL	ShB	Shelbyville silt loam, 2 to 6 percent slopes	ShB	Shelbyville silt loam, 2 to 6 percent slopes
HEL	ShC	Shelbyville silt loam, 6 to 12 percent slopes	ShC	Shelbyville silt loam, 6 to 12 percent slopes
HEL	SlD	Shelocta gravelly silt loam, 12 to 25 percent slopes	SlD	Shelocta gravelly silt loam, 12 to 25 percent slopes
HEL	SrC	Shrouts silty clay loam, 6 to 12 percent slopes	SrC	Shrouts silty clay loam, 6 to 12 percent slopes
HEL	SrE	Shrouts silty clay loam, 12 to 30 percent slopes	SrE	Shrouts silty clay loam, 12 to 30 percent slopes
HEL	SuE3	Shrouts clay, 6 to 30 percent slopes, severely eroded	SuE3	Shrouts clay, 6 to 30 percent slopes, severely eroded
PHEL	TaB	Tate fine sandy loam, 2 to 6 percent slopes	TaB	Tate fine sandy loam, 2 to 6 percent slopes
PHEL	TaC	Tate fine sandy loam, 6 to 12 percent slopes	TaC	Tate fine sandy loam, 6 to 12 percent slopes
HEL	TaD2	Tate fine sandy loam, 12 to 20 percent slopes, eroded	TaD2	Tate fine sandy loam, 12 to 20 percent slopes, eroded
PHEL	TrB	Trappist silt loam, 2 to 6 percent slopes	TrB	Trappist silt loam, 2 to 6 percent slopes
HEL	TrC	Trappist silt loam, 6 to 12 percent slopes	TrC	Trappist silt loam, 6 to 12 percent slopes
HEL	TrD	Trappist silt loam, 12 to 20 percent slopes	TrD	Trappist silt loam, 12 to 20 percent slopes

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HEL	TsC3	Trappist silty clay loam, 6 to 12 percent slopes, severely eroded	TsC3	Trappist silty clay loam, 6 to 12 percent slopes, severely eroded
HEL	LwC	Lowell silt loam, 6 to 12 percent slopes	uLFC	Lowell-Faywood silt loams, 6 to 12 percent slopes
HEL	LwD	Lowell silt loam, 12 to 20 percent slopes	uLFD	Lowell-faywood silt loams, 12 to 20 percent slopes
PHEL	LwB	Lowell silt loam, 2 to 6 percent slopes	uLsoB	Lowell-Sandview silt loams, 2 to 6 percent slopes
	W	Water	W	Water
HEL	WeG	Weikert channery silt loam, 40 to 80 percent slopes	WeG	Weikert channery silt loam, 40 to 80 percent slopes
PHEL	WhB	Whitley silt loam, 2 to 6 percent slopes	WhB	Whitley silt loam, 2 to 6 percent slopes
HEL	WhC	Whitley silt loam, 6 to 12 percent slopes	WhC	Whitley silt loam, 6 to 12 percent slopes
HEL	WhD	Whitley silt loam, 12 to 20 percent slopes	WhD	Whitley silt loam, 12 to 20 percent slopes (wernock)
PHEL	WoB	Woolper silty clay loam, 2 to 6 percent slopes	WoB	Woolper silty clay loam, 2 to 6 percent slopes
HEL	WoC	Woolper silty clay loam, 6 to 12 percent slopes	WoC	Woolper silty clay loam, 6 to 12 percent slopes
HEL	WpE	Woolper very stony silty clay loam, 12 to 30 percent slopes	WpE	Woolper very stony silty clay loam, 12 to 30 percent slopes

HEL Class*

HEL = Highly Erodible Land

NHEL = Not Highly Erodible Land

PHEL = Potentially Highly Erodible Land