

Soil Correlation Of
Adair County, Kentucky: Detailed Soil Map Legend

HEL Class*	Frozen symbol	Frozen map unit name	Current symbol	Current map unit name
PHEL	HcC	Humphreys cherty silt loam, 6 to 12 percent slopes	CaC	Carpenter gravelly silt loam, 6 to 12 percent slopes
PHEL	HcC2	Humphreys cherty silt loam, 6 to 12 percent slopes, eroded	CaC	Carpenter gravelly silt loam, 6 to 12 percent slopes
HEL	BoE	Bodine cherty silt loam, 20 to 30 percent slopes	CbE	Carpenter-Lenberg complex, 12 to 40 percent slopes
PHEL	HcD2	Humphreys cherty silt loam, 12 to 20 percent slopes, eroded	CbE	Carpenter-Lenberg complex, 12 to 40 percent slopes
PHEL	HcE	Humphreys cherty silt loam, 20 to 30 percent slopes	CbE	Carpenter-Lenberg complex, 12 to 40 percent slopes
PHEL	HcE2	Humphreys cherty silt loam, 20 to 30 percent slopes, eroded	CbE	Carpenter-Lenberg complex, 12 to 40 percent slopes
HEL	HeD2	Humphreys cherty silt loam, shallow, 12 to 20 percent slopes, eroded	CbE	Carpenter-Lenberg complex, 12 to 40 percent slopes
HEL	LaD2	Landisburg cherty silt loam, 12 to 20 percent slopes, eroded	CbE	Carpenter-Lenberg complex, 12 to 40 percent slopes
HEL	RcD	Rockcastle silt loam, 12 to 20 percent slopes	CbE	Carpenter-Lenberg complex, 12 to 40 percent slopes
HEL	RcF	Rockcastle silt loam, 30 to 40 percent slopes	CbE	Carpenter-Lenberg complex, 12 to 40 percent slopes
NHEL	Br	Bruno loamy fine sand	Cg	Chagrin fine sandy loam, occasionally flooded
NHEL	Hf	Huntington fine sandy loam	Cg	Chagrin fine sandy loam, occasionally flooded
NHEL	Sm	Staser loam	Cg	Chagrin fine sandy loam, occasionally flooded
PHEL	MsB	Mountivev silt loam, shallow, 2 to 6 percent slopes	CwB	Culleoka-Weikert complex, 2 to 6 percent slopes
PHEL	WeB	Westmoreland shaly silt loam, 2 to 6 percent slopes	CwB	Culleoka-Weikert complex, 2 to 6 percent slopes
NHEL	Du	Dunning silt loam	Du	Dunning silty clay loam, rarely flooded
PHEL	EtB	Etowah silt loam, 2 to 6 percent slopes	EwB	Etowah silt loam, 2 to 6 percent slopes
HEL	EtC	Etowah silt loam, 6 to 12 percent slopes	EwC	Etowah silt loam, 6 to 12 percent slopes
PHEL	FtB	Frankstown cherty silt loam, 2 to 6 percent slopes	FkB	Frankstown gravelly silt loam, 2 to 6 percent slopes
PHEL	HcB	Humphreys cherty silt loam, 2 to 6 percent slopes	FkB	Frankstown gravelly silt loam, 2 to 6 percent slopes
PHEL	BoC	Bodine cherty silt loam, 6 to 12 percent slopes	FkC2	Frankstown gravelly silt loam, 6 to 12 percent slopes, eroded
HEL	FtC	Frankstown cherty silt loam, 6 to 12 percent slopes	FkC2	Frankstown gravelly silt loam, 6 to 12 percent slopes, eroded
HEL	FtC2	Frankstown cherty silt loam, 6 to 12 percent slopes, eroded	FkC2	Frankstown gravelly silt loam, 6 to 12 percent slopes, eroded
PHEL	HcC	Humphreys cherty silt loam, 6 to 12 percent slopes	FkC2	Frankstown gravelly silt loam, 6 to 12 percent slopes, eroded
PHEL	HcC2	Humphreys cherty silt loam, 6 to 12 percent slopes, eroded	FkC2	Frankstown gravelly silt loam, 6 to 12 percent slopes, eroded
PHEL	HdC	Humphreys silt loam, 6 to 12 percent slopes	FkC2	Frankstown gravelly silt loam, 6 to 12 percent slopes, eroded
HEL	BoD	Bodine cherty silt loam, 12 to 20 percent slopes	FkD2	Frankstown gravelly silt loam, 12 to 20 percent slopes, eroded

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HEL	FtD	Frankstown cherty silt loam, 12 to 20 percent slopes	FkD2	Frankstown gravelly silt loam, 12 to 20 percent slopes, eroded
HEL	FtD2	Frankstown cherty silt loam, 12 to 20 percent slopes, eroded	FkD2	Frankstown gravelly silt loam, 12 to 20 percent slopes, eroded
PHEL	HcD2	Humphreys cherty silt loam, 12 to 20 percent slopes, eroded	FkD2	Frankstown gravelly silt loam, 12 to 20 percent slopes, eroded
PHEL	BaB	Baxter cherty silt loam, 2 to 6 percent slopes	FrB2	Frederick silt loam, 2 to 6 percent slopes, eroded
PHEL	ChB	Christian silt loam, 2 to 6 percent slopes	FrB2	Frederick silt loam, 2 to 6 percent slopes, eroded
PHEL	BaC	Baxter cherty silt loam, 6 to 12 percent slopes	FrC2	Frederick silt loam, 6 to 12 percent slopes, eroded
PHEL	BaC2	Baxter cherty silt loam, 6 to 12 percent slopes, eroded	FrC2	Frederick silt loam, 6 to 12 percent slopes, eroded
HEL	ChC	Christian silt loam, 6 to 12 percent slopes	FrC2	Frederick silt loam, 6 to 12 percent slopes, eroded
HEL	ChC2	Christian silt loam, 6 to 12 percent slopes, eroded	FrC2	Frederick silt loam, 6 to 12 percent slopes, eroded
HEL	CmC3	Christian silty clay loam, 6 to 12 percent slopes, severely eroded	FrC2	Frederick silt loam, 6 to 12 percent slopes, eroded
PHEL	CsC2	Christian-Baxter cherty loams, 6 to 12 percent slopes, eroded	FrC2	Frederick silt loam, 6 to 12 percent slopes, eroded
HEL	CvC2	Cookeville silt loam, 6 to 12 percent slopes, eroded	FrC2	Frederick silt loam, 6 to 12 percent slopes, eroded
HEL	TbC2	Talbott silt loam, 6 to 12 percent slopes, eroded	FrC2	Frederick silt loam, 6 to 12 percent slopes, eroded
HEL	BaD	Baxter cherty silt loam, 12 to 20 percent slopes	FrD2	Frederick silt loam, 12 to 20 percent slopes, eroded
HEL	BaD2	Baxter cherty silt loam, 12 to 20 percent slopes, eroded	FrD2	Frederick silt loam, 12 to 20 percent slopes, eroded
HEL	BcD3	Baxter cherty silty clay loam, 12 to 20 percent slopes, severely eroded	FrD2	Frederick silt loam, 12 to 20 percent slopes, eroded
HEL	ChD	Christian silt loam, 12 to 20 percent slopes	FrD2	Frederick silt loam, 12 to 20 percent slopes, eroded
HEL	ChD2	Christian silt loam, 12 to 20 percent slopes, eroded	FrD2	Frederick silt loam, 12 to 20 percent slopes, eroded
HEL	CmD3	Christian silty clay loam, 12 to 20 percent slopes, severely eroded	FrD2	Frederick silt loam, 12 to 20 percent slopes, eroded
HEL	CsD2	Christian-Baxter cherty loams, 12 to 20 percent slopes, eroded	FrD2	Frederick silt loam, 12 to 20 percent slopes, eroded
HEL	BaE2	Baxter cherty silt loam, 20 to 30 percent slopes, eroded	FvE	Frederick-Caneyville complex, 20 to 40 percent slopes, rocky
HEL	BcE3	Baxter cherty silty clay loam, 20 to 30 percent slopes, severely eroded	FvE	Frederick-Caneyville complex, 20 to 40 percent slopes, rocky
HEL	CaE3	Caneyville very rocky soils, 20 to 30 percent slopes, severely eroded	FvE	Frederick-Caneyville complex, 20 to 40 percent slopes, rocky
HEL	CaF2	Caneyville very rocky soils, 30 to 45 percent slopes, eroded	FvE	Frederick-Caneyville complex, 20 to 40 percent slopes, rocky
HEL	CaF3	Caneyville very rocky soils, 30 to 45 percent slopes, severely eroded	FvE	Frederick-Caneyville complex, 20 to 40 percent slopes, rocky

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HEL	CsE2	Christian-Baxter cherty loams, 20 to 30 percent slopes, eroded	FvE	Frederick-Caneyville complex, 20 to 40 percent slopes, rocky
HEL	CsE3	Christian-Baxter cherty loams, 20 to 30 percent slopes, severely eroded	FvE	Frederick-Caneyville complex, 20 to 40 percent slopes, rocky
HEL	TrE2	Talbott very rocky silt loam, 20 to 30 percent slopes, eroded	FvE	Frederick-Caneyville complex, 20 to 40 percent slopes, rocky
HEL	TvE3	Talbott very rocky silty clay, 20 to 30 percent slopes, severely eroded	FvE	Frederick-Caneyville complex, 20 to 40 percent slopes, rocky
HEL	BoE	Bodine cherty silt loam, 20 to 30 percent slopes	GaF	Garmon channery silt loam, 20 to 70 percent slopes
HEL	BoF	Bodine cherty silt loam, 30 to 50 percent slopes	GaF	Garmon channery silt loam, 20 to 70 percent slopes
PHEL	HcE	Humphreys cherty silt loam, 20 to 30 percent slopes	GaF	Garmon channery silt loam, 20 to 70 percent slopes
PHEL	HcE2	Humphreys cherty silt loam, 20 to 30 percent slopes, eroded	GaF	Garmon channery silt loam, 20 to 70 percent slopes
HEL	MuE	Muskingum very fine sandy loam, 18 to 30 percent slopes	GaF	Garmon channery silt loam, 20 to 70 percent slopes
HEL	WeE	Westmoreland shaly silt loam, 20 to 30 percent slopes	GaF	Garmon channery silt loam, 20 to 70 percent slopes
HEL	WeF	Westmoreland shaly silt loam, 30 to 55 percent slopes	GaF	Garmon channery silt loam, 20 to 70 percent slopes
HEL	WmF3	Westmoreland shaly silty clay loam, 30 to 50 percent slopes severely eroded	GaF	Garmon channery silt loam, 20 to 70 percent slopes
PHEL	LaB	Landisburg cherty silt loam, 2 to 6 percent slopes	GpB	Gilpin channery silt loam, 2 to 6 percent slopes
HEL	LaC2	Landisburg cherty silt loam, 6 to 12 percent slopes, eroded	GpC	Gilpin channery silt loam, 6 to 12 percent slopes
HEL	LaD2	Landisburg cherty silt loam, 12 to 20 percent slopes, eroded	GpD	Gilpin channery silt loam, 12 to 20 percent slopes
NHEL	Lf	Lawrence silt loam	Jo	Johnsburg silt loam
NHEL	Gu	Guthrie silt loam	La	Lawrence silt loam
NHEL	Lf	Lawrence silt loam	La	Lawrence silt loam
NHEL	Ta	Taft silt loam	La	Lawrence silt loam
NHEL	Wt	Whitwell silt loam	La	Lawrence silt loam
NHEL	Ls	Lindside silt loam	Ld	Lindside silt loam, occasionally flooded
PHEL	MoB	Mountview silt loam, 2 to 6 percent slopes	LoB	Lonewood loam, 2 to 6 percent slopes
HEL	MoC	Mountview silt loam, 6 to 12 percent slopes	LoC	Lonewood loam, 6 to 12 percent slopes
HEL	MoC2	Mountview silt loam, 6 to 12 percent slopes, eroded	LoC	Lonewood loam, 6 to 12 percent slopes
NHEL	Me	Melvin silt loam	Me	Melvin silt loam, occasionally flooded
NHEL	Me	Melvin silt loam	Mp	Melvin silt loam, ponded
PHEL	NdB	Needmore silt loam, 2 to 6 percent slopes	NeB	Needmore silt loam, 2 to 6 percent slopes
PHEL	NfB2	Needmore silty clay loam, 2 to 6 percent slopes, eroded	NeB	Needmore silt loam, 2 to 6 percent slopes

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HEL	NdC	Needmore silt loam, 6 to 12 percent slopes	NeC2	Needmore silt loam, 6 to 12 percent slopes, eroded
HEL	NfC2	Needmore silty clay loam, 6 to 12 percent slopes, eroded	NeC2	Needmore silt loam, 6 to 12 percent slopes, eroded
HEL	NeD3	Needmore silty clay, 8 to 20 percent slopes, severely eroded	NeD3	Needmore silty clay loam, 12 to 20 percent slopes, severely eroded
HEL	NfD2	Needmore silty clay loam, 12 to 20 percent slopes, eroded	NeD3	Needmore silty clay loam, 12 to 20 percent slopes, severely eroded
HEL	CrD2	Christian very rocky soils, 8 to 20 percent slopes, eroded	NfD	Needmore silt loam, 6 to 20 percent slopes, very rocky
HEL	CrD3	Christian very rocky soils, 12 to 20 percent slopes, severely eroded	NfD	Needmore silt loam, 6 to 20 percent slopes, very rocky
HEL	TrD2	Talbott very rocky silt loam, 12 to 20 percent slopes, eroded	NfD	Needmore silt loam, 6 to 20 percent slopes, very rocky
HEL	TvD3	Talbott very rocky silty clay, 12 to 20 percent slopes, severely eroded	NfD	Needmore silt loam, 6 to 20 percent slopes, very rocky
NHEL	Nk	Newark silt loam	Nk	Newark silt loam, occasionally flooded
NHEL	Hu	Huntington silt loam	No	Nolin silt loam, occasionally flooded
NHEL	St	Staser silt loam	No	Nolin silt loam, occasionally flooded
NHEL	LdA	Landisburg silt loam, 0 to 2 percent slopes	OtA	Otwood silt loam, 0 to 2 percent slopes
PHEL	LdB	Landisburg silt loam, 2 to 6 percent slopes	OtB	Otwood silt loam, 2 to 6 percent slopes
HEL	LdC	Landisburg silt loam, 6 to 12 percent slopes	OtC2	Otwood silt loam, 6 to 12 percent slopes, eroded
HEL	LdC2	Landisburg silt loam, 6 to 12 percent slopes, eroded	OtC2	Otwood silt loam, 6 to 12 percent slopes, eroded
	Pq	Pits, quarry	Pq	Pits, quarry
PHEL	BeB	Bewleyville silt loam, 2 to 6 percent slopes	PrB	Pricetown silt loam, 2 to 6 percent slopes
PHEL	MoB	Mountview silt loam, 2 to 6 percent slopes	PrB	Pricetown silt loam, 2 to 6 percent slopes
PHEL	PmB	Pembroke silt loam, 2 to 6 percent slopes	PrB	Pricetown silt loam, 2 to 6 percent slopes
HEL	BeC	Bewleyville silt loam, 6 to 12 percent slopes	PrC	Pricetown silt loam, 6 to 12 percent slopes
HEL	BeC2	Bewleyville silt loam, 6 to 12 percent slopes, eroded	PrC	Pricetown silt loam, 6 to 12 percent slopes
HEL	MoC	Mountview silt loam, 6 to 12 percent slopes	PrC	Pricetown silt loam, 6 to 12 percent slopes
HEL	MoC2	Mountview silt loam, 6 to 12 percent slopes, eroded	PrC	Pricetown silt loam, 6 to 12 percent slopes
HEL	PmC	Pembroke silt loam, 6 to 12 percent slopes	PrC	Pricetown silt loam, 6 to 12 percent slopes
PHEL	ChB	Christian silt loam, 2 to 6 percent slopes	RnB	Riney loam, 2 to 6 percent slopes
HEL	CfC2	Christian fine sandy loam, 6 to 12 percent slopes, eroded	RnC	Riney loam, 6 to 12 percent slopes
HEL	CfD2	Christian fine sandy loam, 12 to 20 percent slopes, eroded	RnC	Riney loam, 6 to 12 percent slopes
NHEL	Rb	Robertsville silt loam	Ro	Robertsville silt loam, rarely flooded

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Adair County, Kentucky: Detailed Soil Map Legend

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HEL	CaE2	Caneyville very rocky soils, 20 to 30 percent slopes, eroded	RpD	Rock outcrop-Caneyville complex, 6 to 20 percent slopes
HEL	Rk	Rock land	RpD	Rock outcrop-Caneyville complex, 6 to 20 percent slopes
HEL	Ro	Rock outcrop	RpD	Rock outcrop-Caneyville complex, 6 to 20 percent slopes
HEL	CtE	Colyer shaly silt loam, 12 to 30 percent slopes	RsF	Rohan channery silt loam, 20 to 60 percent slopes
NHEL	SaA	Sango silt loam, 0 to 2 percent slopes	Sa	Sano silt loam, 1 to 4 percent slopes
PHEL	SaB	Sango silt loam, 2 to 6 percent slopes	Sa	Sano silt loam, 1 to 4 percent slopes
NHEL	Hg	Huntington gravelly loam	Sk	Skidmore gravelly loam, frequently flooded
NHEL	Sg	Staser gravelly loam	Sk	Skidmore gravelly loam, frequently flooded
PHEL	CbB	Captina silt loam, 2 to 6 percent slopes	TaB	Tarklin gravelly silt loam, 2 to 6 percent slopes
PHEL	HcB	Humphreys cherty silt loam, 2 to 6 percent slopes	TaB	Tarklin gravelly silt loam, 2 to 6 percent slopes
NHEL	LaA	Landisburg cherty silt loam, 0 to 2 percent slopes	TaB	Tarklin gravelly silt loam, 2 to 6 percent slopes
PHEL	LaB	Landisburg cherty silt loam, 2 to 6 percent slopes	TaB	Tarklin gravelly silt loam, 2 to 6 percent slopes
HEL	LaC	Landisburg cherty silt loam, 6 to 12 percent slopes	TaC	Tarklin gravelly silt loam, 6 to 12 percent slopes
HEL	LaC2	Landisburg cherty silt loam, 6 to 12 percent slopes, eroded (tarklin)	TaC	Tarklin gravelly silt loam, 6 to 12 percent slopes
PHEL	DcB	Dickson silt loam, 2 to 6 percent slopes	TeB	Teddy silt loam, 2 to 6 percent slopes
	U1	City of columbia	Ud	Udarents-Urban land complex, 2 to 20 percent slopes
	U1	City of columbia	Ur	Urban land
	U1	City of columbia	Us	Urban land-Frederick-Pricetown complex, 2 to 20 percent slopes
	U1	City of columbia	Uw	Urban land-Weikert-Culleoka complex, 2 to 20 percent slopes
	W	Water	W	Water
HEL	MsC	Mountview silt loam, shallow, 6 to 12 percent slopes	WcC	Weikert-Culleoka complex, 6 to 12 percent slopes
HEL	MsC2	Mountview silt loam, shallow, 6 to 12 percent slopes, eroded	WcC	Weikert-Culleoka complex, 6 to 12 percent slopes
HEL	WeC	Westmoreland shaly silt loam, 6 to 12 percent slopes	WcC	Weikert-Culleoka complex, 6 to 12 percent slopes
HEL	MsD	Mountview silt loam, shallow, 12 to 20 percent slopes	WcD	Weikert-Culleoka complex, 12 to 20 percent slopes
HEL	MsD2	Mountview silt loam, shallow, 12 to 20 percent slopes, eroded	WcD	Weikert-Culleoka complex, 12 to 20 percent slopes
HEL	WeD	Westmoreland shaly silt loam, 12 to 20 percent slopes	WcD	Weikert-Culleoka complex, 12 to 20 percent slopes

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HEL	WmE3	Westmoreland shaly silty clay loam, 12 to 30 percent slopes, severely eroded	WcD	Weikert-Culleoka complex, 12 to 20 percent slopes
NHEL	Ng	Newark gravelly silt loam	Yo	Yosemite gravelly silt loam, frequently flooded

HEL Class*

HEL = Highly Erodible Land

NHEL = Not Highly Erodible Land

PHEL = Potentially Highly Erodible Land