

Hydrologic Soil Groups

Ulster County, New York

November 2015

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
AA	Alluvial land	Fluvaquents	B/D
AA	Alluvial land	Udifulvents	A
AcB	Arnot channery silt loam, 0 to 8 percent slopes	Arnot	D
ARD	Arnot-Lordstown-Rock outcrop complex, moderately steep	Arnot	D
ARD	Arnot-Lordstown-Rock outcrop complex, moderately steep	Lordstown	C
ARD	Arnot-Lordstown-Rock outcrop complex, moderately steep	Rock outcrop	
ARF	Arnot-Oquaga-Rock outcrop complex, very steep	Arnot	D
ARF	Arnot-Oquaga-Rock outcrop complex, very steep	Oquaga	C
ARF	Arnot-Oquaga-Rock outcrop complex, very steep	Rock outcrop	
At	Atherton silt loam	Atherton	B/D
Ba	Barbour loam	Barbour	B
Be	Basher silt loam	Basher	B/D
BgC	Bath gravelly silt loam, 8 to 15 percent slopes	Bath	C
BgD	Bath gravelly silt loam, 15 to 25 percent slopes	Bath	C
BHE	Bath very stony soils, steep	Bath	C
BnC	Bath-Nassau complex, 8 to 25 percent slopes	Bath	C
BnC	Bath-Nassau complex, 8 to 25 percent slopes	Nassau	D
BOD	Bath-Nassau-Rock outcrop complex, hilly	Bath	C
BOD	Bath-Nassau-Rock outcrop complex, hilly	Nassau	D
BOD	Bath-Nassau-Rock outcrop complex, hilly	Rock outcrop	
BP	Borrow pit	Borrow pit	
BRC	Bath and Mardin soils, sloping, very stony	Mardin	D
BRC	Bath and Mardin soils, sloping, very stony	Bath	C
CaB	Cambridge gravelly silt loam, 3 to 8 percent slopes	Cambridge	D
CaC	Cambridge gravelly silt loam, 8 to 15 percent slopes	Cambridge	D
Cc	Canandaigua silt loam	Canandaigua	C/D
Cd	Canandaigua silt loam, till substratum	Canandaigua	C/D
Ce	Catden muck, 0 to 2 percent slopes	Catden	B/D
CF	Cut and fill land	Udorthents	B
CgA	Castile gravelly silt loam, 0 to 3 percent slopes	Castile	A/D
CgB	Castile gravelly silt loam, 3 to 8 percent slopes	Castile	A/D

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
CkB	Cayuga silt loam, 3 to 8 percent slopes	Cayuga	D
CkC	Cayuga silt loam, 8 to 15 percent slopes	Cayuga	D
CnA	Chenango gravelly silt loam, 0 to 3 percent slopes	Chenango	A
CnB	Chenango gravelly silt loam, 3 to 8 percent slopes	Chenango	A
CnC	Chenango gravelly silt loam, 8 to 15 percent slopes	Chenango	A
CP	Clay pit	Clay pit	
CvA	Churchville silt loam, 0 to 3 percent slopes	Churchville	C/D
CvB	Churchville silt loam, 3 to 8 percent slopes	Churchville	C/D
Da	Dam	Dam	
Du	Dump	Dump	
FAE	Farmington-Rock outcrop complex, steep	Farmington	D
FAE	Farmington-Rock outcrop complex, steep	Rock outcrop	
FW	Fresh water marsh	Medisaprists	A/D
FW	Fresh water marsh	Hydraquents	A/D
GP	Gravel pit	Gravel pit	
Ha	Hamlin silt loam	Hamlin	B
He	Haven loam	Haven	B
HfA	Hoosic cobbly loam, 0 to 3 percent slopes	Hoosic	A
HgA	Hoosic gravelly loam, 0 to 3 percent slopes	Hoosic	A
HgB	Hoosic gravelly loam, 3 to 8 percent slopes	Hoosic	A
HgC	Hoosic gravelly loam, rolling	Hoosic	A
HgD	Hoosic gravelly loam, 15 to 25 percent slopes	Hoosic	A
HSF	Hoosic soils, very steep	Hoosic	A
HuB	Hudson silt loam, 3 to 8 percent slopes	Hudson	C/D
HuC	Hudson silt loam, 8 to 15 percent slopes	Hudson	C/D
HvC3	Hudson and Schoharie silty clay loams, 8 to 15 percent slopes, severely eroded	Hudson	C/D
HvC3	Hudson and Schoharie silty clay loams, 8 to 15 percent slopes, severely eroded	Schoharie	D
HwD	Hudson and Schoharie soils, 15 to 25 percent slopes	Hudson	C/D
HwD	Hudson and Schoharie soils, 15 to 25 percent slopes	Schoharie	D
HXE	Hudson and Schoharie soils, steep	Hudson	C/D
HXE	Hudson and Schoharie soils, steep	Schoharie	D
LaB	Lackawanna flaggy silt loam, 3 to 8 percent slopes	Lackawanna	C
LaC	Lackawanna flaggy silt loam, 8 to 15 percent slopes	Lackawanna	C
LCD	Lackawanna and Swartswood soils, moderately steep, very bouldery	Lackawanna	C
LCD	Lackawanna and Swartswood soils, moderately steep, very bouldery	Swartswood	C
LCF	Lackawanna and Swartswood soils, very steep, very bouldery	Lackawanna	C

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
LCF	Lackawanna and Swartswood soils, very steep, very bouldery	Swartswood	C
LEE	Lackawanna and Swartswood soils, steep, extremely bouldery	Lackawanna	C
LEE	Lackawanna and Swartswood soils, steep, extremely bouldery	Swartswood	C
Lm	Lamson fine sandy loam	Lamson	A/D
LnB	Lordstown channery silt loam, 3 to 8 percent slopes	Lordstown	C
LOC	Lordstown-Arnot-Rock outcrop complex, sloping	Lordstown	C
LOC	Lordstown-Arnot-Rock outcrop complex, sloping	Arnot	D
LOC	Lordstown-Arnot-Rock outcrop complex, sloping	Rock outcrop	
LY	Lyons-Atherton complex, very stony	Lyons	C/D
LY	Lyons-Atherton complex, very stony	Atherton	B/D
Ma	Madalin silty clay loam	Madalin	C/D
MdB	Mardin gravelly silt loam, 3 to 8 percent slopes	Mardin	D
MgB	Mardin-Nassau complex, 3 to 8 percent slopes	Mardin	D
MgB	Mardin-Nassau complex, 3 to 8 percent slopes	Nassau	D
ML	Made land	Udorthents	B
Mn	Menlo silt loam	Menlo	D
MO	Menlo very bouldery soils	Menlo	D
Mr	Middlebury silt loam	Middlebury	B/D
MTB	Morris-Tuller complex, gently sloping, very bouldery	Morris	D
MTB	Morris-Tuller complex, gently sloping, very bouldery	Tuller	D
MTB	Morris-Tuller complex, gently sloping, very bouldery	Tuller	D
NBF	Nassau-Bath-Rock outcrop complex, very steep	Nassau	D
NBF	Nassau-Bath-Rock outcrop complex, very steep	Bath	C
NBF	Nassau-Bath-Rock outcrop complex, very steep	Rock outcrop	
NMC	Nassau-Manlius shaly silt loams, rolling	Nassau	D
NMC	Nassau-Manlius shaly silt loams, rolling	Manlius	C
NNF	Nassau-Manlius complex, very steep	Nassau	D
NNF	Nassau-Manlius complex, very steep	Manlius	C
NOD	Nassau-Rock outcrop complex, hilly	Nassau	D
NOD	Nassau-Rock outcrop complex, hilly	Rock outcrop	
OdA	Odessa silt loam, 0 to 3 percent slopes	Odessa	C/D
OdB	Odessa silt loam, 3 to 8 percent slopes	Odessa	C/D
OgB	Oquaga channery silt loam, 3 to 8 percent slopes	Oquaga	C
OIC	Oquaga and Lordstown channery silt loams, 8 to 15 percent slopes	Oquaga	C

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
OIC	Oquaga and Lordstown channery silt loams, 8 to 15 percent slopes	Lordstown	C
ORC	Oquaga-Arnot-Rock outcrop complex, sloping	Oquaga	C
ORC	Oquaga-Arnot-Rock outcrop complex, sloping	Arnot	D
ORC	Oquaga-Arnot-Rock outcrop complex, sloping	Rock outcrop	
ORD	Oquaga-Arnot-Rock outcrop complex, moderately steep	Oquaga	C
ORD	Oquaga-Arnot-Rock outcrop complex, moderately steep	Arnot	D
ORD	Oquaga-Arnot-Rock outcrop complex, moderately steep	Rock outcrop	
Pa	Palms muck	Palms	A/D
Pb	Palms muck, bedrock variant	Palms	B/D
PIB	Plainfield loamy sand, 0 to 8 percent slopes	Plainfield	A
PIC	Plainfield loamy sand, 8 to 15 percent slopes	Plainfield	A
PmD	Plainfield-Riverhead complex, moderately steep	Plainfield	A
PmD	Plainfield-Riverhead complex, moderately steep	Riverhead	A
PmF	Plainfield-Riverhead complex, very steep	Plainfield	A
PmF	Plainfield-Riverhead complex, very steep	Riverhead	A
PrC	Plainfield-Rock outcrop complex, rolling	Plainfield	A
PrC	Plainfield-Rock outcrop complex, rolling	Rock outcrop	
Pt	Pompton fine sandy loam	Pompton	B/D
QU	Quarry	Quarry	
Ra	Raynham silt loam	Raynham	C/D
Re	Red Hook gravelly silt loam	Red Hook	B/D
RhA	Rhinebeck silt loam, 0 to 3 percent slopes	Rhinebeck	C/D
RhB	Rhinebeck silt loam, 3 to 8 percent slopes	Rhinebeck	C/D
RvA	Riverhead fine sandy loam, 0 to 3 percent slopes	Riverhead	A
RvB	Riverhead fine sandy loam, 3 to 8 percent slopes	Riverhead	A
RvC	Riverhead fine sandy loam, 8 to 15 percent slopes	Riverhead	A
RXC	Rock outcrop-Arnot complex, sloping	Rock outcrop	
RXC	Rock outcrop-Arnot complex, sloping	Arnot	D
RXE	Rock outcrop-Arnot complex, steep	Rock outcrop	
RXE	Rock outcrop-Arnot complex, steep	Arnot	D
RXF	Rock outcrop-Arnot complex, very steep	Rock outcrop	
RXF	Rock outcrop-Arnot complex, very steep	Arnot	D
SaB	Schoharie silt loam, 3 to 8 percent slopes	Schoharie	D
SaC	Schoharie silt loam, 8 to 15 percent slopes	Schoharie	D
Sc	Scio silt loam	Scio	B/D
SdB	Scriba and Morris soils, 0 to 8 percent slopes	Morris	D

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
SdB	Scriba and Morris soils, 0 to 8 percent slopes	Scriba	D
SEB	Scriba and Morris soils, gently sloping, very bouldery	Morris	D
SEB	Scriba and Morris soils, gently sloping, very bouldery	Scriba	D
SGB	Scriba and Morris soils, gently sloping, extremely bouldery	Morris	D
SGB	Scriba and Morris soils, gently sloping, extremely bouldery	Scriba	D
SmB	Stockbridge-Farmington gravelly silt loams, 3 to 8 percent slope	Stockbridge	C
SmB	Stockbridge-Farmington gravelly silt loams, 3 to 8 percent slope	Farmington	D
SmC	Stockbridge-Farmington gravelly silt loams, 8 to 15 percent slopes	Stockbridge	C
SmC	Stockbridge-Farmington gravelly silt loams, 8 to 15 percent slopes	Farmington	D
STD	Stockbridge-Farmington-Rock outcrop complex, hilly	Stockbridge	C
STD	Stockbridge-Farmington-Rock outcrop complex, hilly	Farmington	D
STD	Stockbridge-Farmington-Rock outcrop complex, hilly	Rock outcrop	
Su	Suncook loamy fine sand	Suncook	A
SwB	Swartswood stony fine sandy loam, 3 to 8 percent slopes	Swartswood	C
SwC	Swartswood stony fine sandy loam, 8 to 15 percent slopes	Swartswood	C
Te	Teel silt loam	Teel	B/D
Tg	Tioga fine sandy loam	Tioga	A
TkA	Tunkhannock gravelly loam, 0 to 3 percent slopes	Tunkhannock	A
TkB	Tunkhannock gravelly loam, 3 to 8 percent slopes	Tunkhannock	A
TkC	Tunkhannock gravelly loam, rolling	Tunkhannock	A
TuB	Tunkhannock gravelly loam, clayey substratum, 3 to 8 percent slopes	Tunkhannock	B
TuC	Tunkhannock gravelly loam, clayey substratum, 8 to 15 percent slopes	Tunkhannock	B
TuD	Tunkhannock gravelly loam, clayey substratum, 15 to 25 percent slopes	Tunkhannock	B
Un	Unadilla silt loam	Unadilla	B
VAB	Valois very bouldery soils, gently sloping	Valois	B
VAD	Valois very bouldery soils, moderately steep	Valois	B
VoA	Volusia gravelly silt loam, 0 to 3 percent slopes	Volusia	D
VoB	Volusia gravelly silt loam, 3 to 8 percent slopes	Volusia	D
VoC	Volusia gravelly silt loam, 8 to 15 percent slopes	Volusia	D
VSB	Volusia channery silt loam, 0 to 8 percent slopes, very stony	Volusia	D
W	Water	Water	
Wa	Walpole fine sandy loam	Walpole	A/D
Wb	Wayland soils complex, non-calcareous substratum, 0 to 3 percent slopes, frequently flooded	Wayland	B/D
Wb	Wayland soils complex, non-calcareous substratum, 0 to 3 percent slopes, frequently flooded	Wayland	B/D
Wc	Wayland mucky silt loam	Wayland	C/D
WeB	Wellsboro flaggy silt loam, 3 to 8 percent slopes	Wellsboro	D

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
WeC	Wellsboro flaggy silt loam, 8 to 15 percent slopes	Wellsboro	D
WLB	Wellsboro and Wurtsboro soils, gently sloping, very bouldery	Wellsboro	D
WLB	Wellsboro and Wurtsboro soils, gently sloping, very bouldery	Wurtsboro	D
WOB	Wellsboro and Wurtsboro soils, gently sloping, extremely bouldery	Wellsboro	D
WOB	Wellsboro and Wurtsboro soils, gently sloping, extremely bouldery	Wurtsboro	D
WsA	Williamson silt loam, 0 to 3 percent slopes	Williamson	D
WsB	Williamson silt loam, 3 to 8 percent slopes	Williamson	D
WuB	Wurtsboro stony loam, 3 to 8 percent slopes	Wurtsboro	D