

Hydrologic Soil Groups

Onondaga County, New York

November 2015

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
AIA	Alton gravelly fine sandy loam, 0 to 3 percent slopes	Alton	A
AIB	Alton gravelly fine sandy loam, 3 to 8 percent slopes	Alton	A
AIC	Alton gravelly fine sandy loam, rolling	Alton	A
AnB	Angola-Darien silt loams, 0 to 6 percent slopes	Angola	D
AnB	Angola-Darien silt loams, 0 to 6 percent slopes	Darien	C/D
AnC	Angola-Darien silt loams, 6 to 12 percent slopes	Angola	D
AnC	Angola-Darien silt loams, 6 to 12 percent slopes	Darien	C/D
AoA	Appleton loam, 0 to 3 percent slopes	Appleton	B/D
ApA	Appleton gravelly silt loam, 0 to 3 percent slopes	Appleton	B/D
ApB	Appleton gravelly silt loam, 3 to 8 percent slopes	Appleton	B/D
ArB	Arkport very fine sandy loam, 2 to 6 percent slopes	Arkport	A
ArC	Arkport very fine sandy loam, rolling	Arkport	A
ArD	Arkport very fine sandy loam, hilly	Arkport	A
ATB	Arnot channery silt loam, gently sloping	Arnot	D
AVF	Arnot-Lordstown association, very steep	Arnot	D
AVF	Arnot-Lordstown association, very steep	Lordstown	C
AwB	Aurora silt loam, 0 to 6 percent slopes	Aurora	D
AwC	Aurora silt loam, 6 to 12 percent slopes	Aurora	D
AwD	Aurora silt loam, 12 to 18 percent slopes	Aurora	D
AwD2	Aurora silt loam, 12 to 18 percent slopes, eroded	Aurora	D
AXE	Aurora-Farmington-Rock outcrop association, steep	Aurora	D
AXE	Aurora-Farmington-Rock outcrop association, steep	Farmington	D
AXE	Aurora-Farmington-Rock outcrop association, steep	Rock outcrop	
BeB	Benson silt loam, undulating	Benson	D
BeC	Benson silt loam, rolling	Benson	D
BNC	Benson-Wassaic-Rock outcrop association, sloping	Benson	D
BNC	Benson-Wassaic-Rock outcrop association, sloping	Wassaic	C
BNC	Benson-Wassaic-Rock outcrop association, sloping	Rock outcrop	
BNF	Benson-Wassaic-Rock outcrop association, very steep	Benson	D
BNF	Benson-Wassaic-Rock outcrop association, very steep	Wassaic	C
BNF	Benson-Wassaic-Rock outcrop association, very steep	Rock outcrop	

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
BoB	Bombay gravelly loam, 2 to 8 percent slopes	Bombay	C/D
CaB	Camillus silt loam, 2 to 6 percent slopes	Camillus	C
CaC	Camillus silt loam, 6 to 12 percent slopes	Camillus	C
CaC2	Camillus silt loam, 6 to 12 percent slopes, eroded	Camillus	C
CaD2	Camillus silt loam, 12 to 18 percent slopes eroded	Camillus	C
CBE	Camillus and Lairdsville channery soils, steep	Camillus	C
CBE	Camillus and Lairdsville channery soils, steep	Lairdsville	D
Cd	Canandaigua mucky silt loam	Canandaigua	C/D
Ce	Carlisle muck	Carlisle	A/D
CfB	Cazenovia silt loam, 2 to 8 percent slopes	Cazenovia	C
CfC	Cazenovia silt loam, 8 to 15 percent slopes	Cazenovia	C
CfC2	Cazenovia silt loam, 8 to 15 percent slopes, eroded	Cazenovia	C
CFL	Cut and fill land	Udorthents	A
CgD	Cazenovia soils, 15 to 25 percent slopes	Cazenovia	C
ChA	Collamer silt loam, 0 to 2 percent slopes	Collamer	C/D
ChB	Collamer silt loam, 2 to 6 percent slopes	Collamer	C/D
CIB	Colonie loamy fine sand, 0 to 6 percent slopes	Colonie	A
CIC	Colonie loamy fine sand, rolling	Colonie	A
CoA	Conesus gravelly silt loam, 0 to 3 percent slopes	Conesus	B/D
CoB	Conesus gravelly silt loam, 3 to 8 percent slopes	Conesus	B/D
CrB	Croghan loamy fine sand, 0 to 6 percent slopes	Croghan	A/D
Da	Darien silt loam	Darien	C/D
DuC	Dunkirk silt loam, rolling	Dunkirk	C
Ed	Edwards muck	Edwards	D
FAC	Farmington-Aurora association sloping	Farmington	D
FAC	Farmington-Aurora association sloping	Aurora	D
FL	Fluvaquents, frequently flooded	Fluvaquents	A/D
Fo	Fonda mucky silty clay loam	Fonda	C/D
Fr	Fredon loam	Fredon	B/D
Fr	Fredon loam	Fredon	B/D
GaA	Galen very fine sandy loam, 0 to 2 percent slopes	Galen	A/D
GaB	Galen very fine sandy loam, 2 to 6 percent slopes	Galen	A/D
Ha	Halsey mucky loam	Halsey	B/D
Hb	Hamlin silt loam	Hamlin	B
Hc	Hamlin silt loam, high bottom	Hamlin	B
He	Herkimer silt loam	Herkimer	C

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
HIA	Hilton loam, 0 to 3 percent slopes	Hilton	B/D
HIB	Hilton loam, 3 to 8 percent slopes	Hilton	B/D
HnB	Honeoye silt loam, 2 to 8 percent slopes	Honeoye	C
HnC	Honeoye silt loam, 8 to 15 percent slopes	Honeoye	C
HnCK	Honeoye silt loam, rolling	Honeoye	C
HoD	Honeoye and Lansing soils, 15 to 25 percent slopes	Honeoye	C
HoD	Honeoye and Lansing soils, 15 to 25 percent slopes	Lansing	B
HSC	Honeoye very stony soils, sloping	Honeoye	C
HTE	Honeoye, Lansing, and Ontario soils, 25 to 35 percent slopes	Honeoye	C
HTE	Honeoye, Lansing, and Ontario soils, 25 to 35 percent slopes	Ontario	C
HTE	Honeoye, Lansing, and Ontario soils, 25 to 35 percent slopes	Lansing	B
HTF	Honeoye, Lansing, and Ontario soils, 35 to 50 percent slopes	Honeoye	C
HTF	Honeoye, Lansing, and Ontario soils, 35 to 50 percent slopes	Ontario	C
HTF	Honeoye, Lansing, and Ontario soils, 35 to 50 percent slopes	Lansing	B
HwA	Howard gravelly fine sandy loam, 0 to 3 percent slopes	Howard	A
HwB	Howard gravelly fine sandy loam, 3 to 8 percent slopes	Howard	A
HwC	Howard gravelly fine sandy loam, rolling	Howard	A
HxA	Howard gravelly loam, 0 to 3 percent slopes	Howard	A
HxB	Howard gravelly loam, 3 to 8 percent slopes	Howard	A
HxC	Howard gravelly loam, rolling	Howard	A
HyA	Howard gravelly silt loam, 0 to 3 percent slopes	Howard	A
HyB	Howard gravelly silt loam, 3 to 8 percent slopes	Howard	A
KeA	Kendaia silt loam, 0 to 3 percent slopes	Kendaia	B/D
KeB	Kendaia silt loam, 3 to 8 percent slopes	Kendaia	B/D
LaB	Lairdsville silt loam, 2 to 6 percent slopes	Lairdsville	D
LbC2	Lairdsville silty clay loam, 6 to 12 percent slopes, eroded	Lairdsville	D
Lk	Lakemont silty clay loam, 0 to 3 percent slopes	Lakemont	D
Lm	Lamson very fine sandy loam	Lamson	A/D
LsB	Lansing gravelly silt loam, 3 to 8 percent slopes	Lansing	B
LsC	Lansing gravelly silt loam, 8 to 15 percent slopes	Lansing	B
LtA	Lima silt loam, 0 to 3 percent slopes	Lima	C/D
LtB	Lima silt loam, 3 to 8 percent slopes	Lima	C/D
LvB	Lockport and Brockport silty clay loams, 0 to 6 percent slopes	Lockport	C/D
LvB	Lockport and Brockport silty clay loams, 0 to 6 percent slopes	Brockport	C/D
LWC	Lordstown channery silt loam, sloping	Lordstown	C
LXD	Lordstown-Arnot channery silt loams, moderately steep	Lordstown	C

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
LXD	Lordstown-Arnot channery silt loams, moderately steep	Arnot	D
Ly	Lyons soils, 0 to 3 percent slopes	Lyons	C/D
Ly	Lyons soils, 0 to 3 percent slopes	Lyons	C/D
Ma	Made land, chemical waste	Made land	
MdB	Madrid fine sandy loam, 2 to 8 percent slopes	Madrid	B
MdC	Madrid fine sandy loam, 8 to 15 percent slopes	Madrid	B
MdC2	Madrid fine sandy loam, 8 to 15 percent slopes, eroded	Madrid	B
MdCK	Madrid fine sandy loam, rolling	Madrid	B
MgB	Madrid gravelly loam, 2 to 8 percent slopes	Madrid	B
MgC	Madrid gravelly loam, 8 to 15 percent slopes	Madrid	B
MhA	Manheim silt loam, 0 to 3 percent slopes	Manheim	C/D
MhB	Manheim silt loam, 3 to 8 percent slopes	Manheim	C/D
ML	Made land	Udorthents	A
MnB	Manlius channery silt loam, 2 to 6 percent slopes	Manlius	C
MnC	Manlius channery silt loam, 6 to 12 percent slopes	Manlius	C
MnD	Manlius channery silt loam, 12 to 18 percent slopes	Manlius	C
MoB	Mardin channery silt loam, 2 to 8 percent slopes	Mardin	D
MoC	Mardin channery silt loam, 8 to 15 percent slopes	Mardin	D
MoD	Mardin channery silt loam, 15 to 25 percent slopes	Mardin	D
MPE	Mardin soils, steep	Mardin	D
MrB	Mardin channery silt loam, moderately shallow variant, 2 to 6 percent slopes	Mardin variant	D
MrC	Mardin channery silt loam, moderately shallow variant, 6 to 18 percent slopes	Mardin variant	D
Ms	Martisco and Warners soils	Martisco	C/D
Ms	Martisco and Warners soils	Warners	D
MtA	Minoa fine sandy loam, 0 to 2 percent slopes	Minoa	B/D
MtB	Minoa fine sandy loam, 2 to 6 percent slopes	Minoa	B/D
MwB	Mohawk silt loam, 2 to 8 percent slopes	Mohawk	C
MwC	Mohawk silt loam, 8 to 15 percent slopes	Mohawk	C
MwD	Mohawk silt loam, 15 to 25 percent slopes	Mohawk	C
Na	Naumburg loamy fine sand	Naumburg	A/D
Na	Naumburg loamy fine sand	Naumburg	A/D
NgA	Niagara silt loam, 0 to 4 percent slopes	Niagara	C/D
OdA	Odessa silty clay loam, 0 to 2 percent slopes	Odessa	C/D
OdB	Odessa silty clay loam, 2 to 6 percent slopes	Odessa	C/D
OgB	Ontario loam, 2 to 8 percent slopes	Ontario	C
OnC	Ontario gravelly loam, 8 to 15 percent slopes	Ontario	C

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
OnC2	Ontario gravelly loam, 8 to 15 percent slopes, eroded	Ontario	C
OnCK	Ontario gravelly loam, rolling	Ontario	C
OpD	Ontario and Madrid soils, 15 to 25 percent slopes	Ontario	C
OpD	Ontario and Madrid soils, 15 to 25 percent slopes	Madrid	B
OtB	Otisville gravelly loamy fine sand, 0 to 8 percent slopes	Otisville	A
OtC	Otisville gravelly loamy fine sand, rolling	Otisville	A
OvA	Ovid silt loam, 0 to 3 percent slopes	Ovid	C/D
OvB	Ovid silt loam, 3 to 8 percent slopes	Ovid	C/D
PaB	Palatine shaly silt loam, 2 to 6 percent slopes	Palatine	C
PaC	Palatine shaly silt loam, 6 to 12 percent slopes	Palatine	C
PB	Borrow pits	Borrow pits	
Pb	Palms muck	Palms	B/D
PG	Gravel pits	Gravel pits	
PgA	Palmyra gravelly loam, 0 to 3 percent slopes	Palmyra	A
PgB	Palmyra gravelly loam, 3 to 8 percent slopes	Palmyra	A
PgC	Palmyra gravelly loam, rolling	Palmyra	A
PHD	Palmyra and Howard soils, hilly	Palmyra	A
PHD	Palmyra and Howard soils, hilly	Howard	A
PHE	Palmyra and Howard soils, steep	Palmyra	A
PHE	Palmyra and Howard soils, steep	Howard	A
PHF	Palmyra and Howard soils, very steep	Palmyra	A
PHF	Palmyra and Howard soils, very steep	Howard	A
PpA	Phelps gravelly loam, 0 to 3 percent slopes	Phelps	B/D
PpB	Phelps gravelly loam, 3 to 8 percent slopes	Phelps	B/D
Pt	Quarries	Quarries	
Rh	Rhinebeck silt loam	Rhinebeck	C/D
SA	Saprists and Fluvaquents, ponded	Saprists	A/D
SA	Saprists and Fluvaquents, ponded	Fluvaquents	A/D
ScB	Schoharie silt loam, 2 to 6 percent slopes	Schoharie	D
ScC	Schoharie silt loam, rolling	Schoharie	D
SdD	Schoharie silty clay loam, hilly	Schoharie	D
SEE	Schoharie soils, steep	Schoharie	D
Te	Teel silt loam	Teel	B/D
Ub	Urban land	Urban land	
Va	Varick silt loam	Varick	D
VoB	Volusia channery silt loam, 0 to 8 percent slopes	Volusia	D

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
VoC	Volusia channery silt loam, 8 to 15 percent slopes	Volusia	D
VuB	Volusia channery silt loam, moderately shallow variant, 0 to 6 percent slopes	Volusia variant	D
W	Water	Water	
WaA	Wampsville gravelly silt loam, 0 to 3 percent slopes	Wampsville	B
WaB	Wampsville gravelly silt loam, 3 to 8 percent slopes	Wampsville	B
WaC	Wampsville gravelly silt loam, rolling	Wampsville	B
Wb	Wareham loamy fine sand	Wareham	A/D
Wb	Wareham loamy fine sand	Wareham	A/D
WcB	Wassaic silt loam, 0 to 8 percent slopes	Wassaic	C
WcC	Wassaic silt loam, 8 to 15 percent slopes	Wassaic	C
WDD	Wassaic-Benson silt loams, moderately steep	Wassaic	C
WDD	Wassaic-Benson silt loams, moderately steep	Benson	D
Wn	Wayland soils complex, 0 to 3 percent slopes, frequently flooded	Wayland	B/D
Wn	Wayland soils complex, 0 to 3 percent slopes, frequently flooded	Wayland	B/D
Wv	Weaver silt loam	Weaver	C
WwA	Williamson silt loam, 0 to 2 percent slopes	Williamson	D
WwB	Williamson silt loam, 2 to 6 percent slopes	Williamson	D
WwC	Williamson silt loam, rolling	Williamson	D
WwC2	Williamson silt loam, rolling, eroded	Williamson	D