

Hydrologic Soil Groups

Genesee County, New York

November 2015

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
Ad	Alden mucky silt loam	Alden	C/D
AnA	Angola silt loam, 0 to 3 percent slopes	Angola	D
AnB	Angola silt loam, 3 to 8 percent slopes	Angola	D
ApA	Appleton silt loam, 0 to 3 percent slopes	Appleton	B/D
ApB	Appleton silt loam, 3 to 8 percent slopes	Appleton	B/D
ArB	Arkport very fine sandy loam, 1 to 6 percent slopes	Arkport	A
ArC	Arkport very fine sandy loam, 6 to 12 percent slopes	Arkport	A
AsD	Arkport and Dunkirk soils, 12 to 20 percent slopes	Arkport	A
AsD	Arkport and Dunkirk soils, 12 to 20 percent slopes	Dunkirk	C
AsE	Arkport and Dunkirk soils, 20 to 40 percent slopes	Arkport	A
AsE	Arkport and Dunkirk soils, 20 to 40 percent slopes	Dunkirk	C
AuA	Aurora silt loam, 0 to 3 percent slopes	Aurora	D
AuB	Aurora silt loam, 3 to 8 percent slopes	Aurora	D
BeB	Benson soils, 0 to 8 percent slopes	Benson	D
BeD	Benson soils, 8 to 25 percent slopes	Benson	D
BeE	Benson soils, 25 to 40 percent slopes	Benson	D
Br	Bergen muck	Bergen	C/D
Br	Bergen muck	Bergen	C/D
BuA	Burdett silt loam, 0 to 3 percent slopes	Burdett	C/D
BuB	Burdett silt loam, 3 to 8 percent slopes	Burdett	C/D
CaA	Canandaigua silt loam, 0 to 2 percent slopes	Canandaigua	C/D
CbA	Canandaigua mucky silt loam, 0 to 2 percent slopes	Canandaigua	C/D
CcA	Carlisle muck	Carlisle	A/D
CcA	Carlisle muck	Carlisle	A/D
CeA	Cazenovia silt loam, 0 to 3 percent slopes	Cazenovia	C/D
CeB	Cazenovia silt loam, 3 to 8 percent slopes	Cazenovia	C/D
CeC	Cazenovia silt loam, 8 to 15 percent slopes	Cazenovia	C/D
CgC3	Cazenovia silty clay loam, 8 to 15 percent slopes, eroded	Cazenovia	C/D
CgD3	Cazenovia silty clay loam, 15 to 25 percent slopes, eroded	Cazenovia	C/D
ChA	Chenango channery silt loam, 0 to 3 percent slopes	Chenango	A
ChB	Chenango channery silt loam, 3 to 8 percent slopes	Chenango	A

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ChC	Chenango channery silt loam, 8 to 15 percent slopes	Chenango	A
CIB	Collamer silt loam, 2 to 6 percent slopes	Collamer	C/D
CmB	Colonie loamy fine sand, 2 to 6 percent slopes	Colonie	A
CmC	Colonie loamy fine sand, 6 to 12 percent slopes	Colonie	A
CoA	Conesus silt loam, 0 to 3 percent slopes	Conesus	B/D
CoB	Conesus silt loam, 3 to 8 percent slopes	Conesus	B/D
CoC	Conesus silt loam, 8 to 15 percent slopes	Conesus	B/D
DaA	Darien silt loam, 0 to 3 percent slopes	Darien	C/D
DaB	Darien silt loam, 3 to 8 percent slopes	Darien	C/D
DaC	Darien silt loam, 8 to 15 percent slopes	Darien	C/D
DaD	Darien silt loam, 15 to 25 percent slopes	Darien	C/D
DuB	Dunkirk silt loam, 2 to 6 percent slopes	Dunkirk	C
DuC	Dunkirk silt loam, 6 to 12 percent slopes	Dunkirk	C
Ed	Edwards muck	Edwards	C/D
Ed	Edwards muck	Edwards	C/D
EIB	Elnora loamy fine sand, 2 to 6 percent slopes	Elnora	A/D
Fo	Fonda mucky silt loam	Fonda	C/D
FpA	Fredon gravelly loam, 0 to 3 percent slopes	Fredon	B/D
FrA	Fremont silt loam, 0 to 3 percent slopes	Fremont	C/D
FrB	Fremont silt loam, 3 to 8 percent slopes	Fremont	C/D
FrC	Fremont silt loam, 8 to 15 percent slopes	Fremont	C/D
GnA	Galen very fine sandy loam, 0 to 2 percent slopes	Galen	A/D
GnB	Galen very fine sandy loam, 2 to 6 percent slopes	Galen	A/D
GP	Gravel pits	Gravel pits	
HaA	Halsey silt loam, 0 to 4 percent slopes	Halsey	B/D
Hf	Hamlin silt loam	Hamlin	B
HIA	Hilton loam, 0 to 3 percent slopes	Hilton	C
HIB	Hilton loam, 3 to 8 percent slopes	Hilton	C
HoB3	Hornell silty clay loam, 3 to 8 percent slopes, eroded	Hornell	D
HoC3	Hornell silty clay loam, 8 to 15 percent slopes, eroded	Hornell	D
HsD3	Hornell and Fremont soils, 15 to 25 percent slopes, eroded	Hornell	D
HsD3	Hornell and Fremont soils, 15 to 25 percent slopes, eroded	Fremont	C/D
IoA	Ilion silt loam, 0 to 3 percent slopes	Ilion	C/D
KaA	Kanona silty clay loam, 0 to 4 percent slopes	Kanona	C/D
KnA	Kendaia silt loam, 0 to 3 percent slopes	Kendaia	B/D
La	Lakemont silty clay loam, 0 to 3 percent slopes	Lakemont	D

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Ld	Lamson very fine sandy loam	Lamson	A/D
Le	Lamson mucky very fine sandy loam	Lamson	A/D
LgB	Lansing silt loam, 3 to 8 percent slopes	Lansing	B
LgC	Lansing silt loam, 8 to 15 percent slopes	Lansing	B
LgD	Lansing silt loam, 15 to 25 percent slopes	Lansing	B
LmA	Lima silt loam, 0 to 3 percent slopes	Lima	C/D
LmB	Lima silt loam, 3 to 8 percent slopes	Lima	C/D
LoA	Lyons soils, 0 to 3 percent slopes	Lyons	C/D
LoA	Lyons soils, 0 to 3 percent slopes	Lyons	C/D
Ma	Madalin silty clay loam, 0 to 3 percent slopes	Madalin	C/D
MhA	Manheim silt loam, 0 to 3 percent slopes	Manheim	C/D
MhB	Manheim silt loam, 3 to 8 percent slopes	Manheim	C/D
MIB	Manlius channery silt loam, 3 to 8 percent slopes	Manlius	C
MIC	Manlius channery silt loam, 8 to 15 percent slopes	Manlius	C
MID	Manlius channery silt loam, 15 to 25 percent slopes	Manlius	C
MIE	Manlius channery silt loam, 25 to 40 percent slopes	Manlius	C
MmA	Marilla channery silt loam, 0 to 3 percent slopes	Marilla	D
MmB	Marilla channery silt loam, 3 to 8 percent slopes	Marilla	D
MmC	Marilla channery silt loam, 8 to 15 percent slopes	Marilla	D
Mn	Middlebury silt loam	Middlebury	B/D
MnA	Minoa very fine sandy loam, 0 to 2 percent slopes	Minoa	B/D
MoB	Mohawk channery silt loam, 2 to 8 percent slopes	Mohawk	C
MoC	Mohawk channery silt loam, 8 to 15 percent slopes	Mohawk	C
MoD	Mohawk channery silt loam, 15 to 25 percent slopes	Mohawk	C
NeA	Newstead silt loam, 0 to 3 percent slopes	Newstead	C/D
NgA	Niagara silt loam, 0 to 2 percent slopes	Niagara	C/D
NuB	Nunda silt loam, 3 to 8 percent slopes	Nunda	C/D
NuC	Nunda silt loam, 8 to 15 percent slopes	Nunda	C/D
NuD	Nunda silt loam, 15 to 25 percent slopes	Nunda	C/D
Oa	Oatka silty clay loam	Oatka	C/D
OdA	Odessa silt loam, 0 to 2 percent slopes	Odessa	C/D
OdB	Odessa silt loam, 2 to 6 percent slopes	Odessa	C/D
OnA	Ontario loam, 0 to 3 percent slopes	Ontario	C
OnB	Ontario loam, 3 to 8 percent slopes	Ontario	C
OnC	Ontario loam, 8 to 15 percent slopes	Ontario	C
OnD	Ontario loam, 15 to 25 percent slopes	Ontario	C

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OrE	Ontario and Lansing soils, 25 to 40 percent slopes	Ontario	C
OrE	Ontario and Lansing soils, 25 to 40 percent slopes	Lansing	B
OsB	Ontario stony loam, 2 to 8 percent slopes	Ontario	C
OsC	Ontario stony loam, 8 to 15 percent slopes	Ontario	C
OvA	Ovid silt loam, 0 to 3 percent slopes	Ovid	C/D
OvB	Ovid silt loam, 3 to 8 percent slopes	Ovid	C/D
PbB	Palatine channery silt loam, 2 to 8 percent slopes	Palatine	C
PbC	Palatine channery silt loam, 8 to 15 percent slopes	Palatine	C
PbD	Palatine channery silt loam, 15 to 25 percent slopes	Palatine	C
Pd	Palms muck	Palms	B/D
Pd	Palms muck	Palms	B/D
PhA	Palmyra gravelly loam, 0 to 3 percent slopes	Palmyra	A
PhB	Palmyra gravelly loam, 3 to 8 percent slopes	Palmyra	A
PhC	Palmyra gravelly loam, 8 to 15 percent slopes	Palmyra	A
PkD	Palmyra and Arkport soils, 15 to 25 percent slopes	Palmyra	A
PkD	Palmyra and Arkport soils, 15 to 25 percent slopes	Arkport	A
PkE	Palmyra and Arkport soils, 25 to 40 percent slopes	Palmyra	A
PkE	Palmyra and Arkport soils, 25 to 40 percent slopes	Arkport	A
PIA	Palmyra channery silt loam, 0 to 3 percent slopes	Palmyra	A
PIB	Palmyra channery silt loam, 3 to 8 percent slopes	Palmyra	A
PIC	Palmyra channery silt loam, 8 to 15 percent slopes	Palmyra	A
Pn	Pavilion muck	Pavilion	A/D
Pn	Pavilion muck	Pavilion	A/D
PsA	Phelps gravelly loam, 0 to 3 percent slopes	Phelps	B/D
PsB	Phelps gravelly loam, 3 to 8 percent slopes	Phelps	B/D
QU	Quarries	Quarries	
ReA	Remsen silt loam, 0 to 3 percent slopes	Remsen	D
ReB	Remsen silt loam, 3 to 8 percent slopes	Remsen	D
ReC	Remsen silt loam, 8 to 15 percent slopes	Remsen	D
RmB3	Remsen silty clay loam, 3 to 8 percent slopes, eroded	Remsen	D
RmC3	Remsen silty clay loam, 8 to 15 percent slopes, eroded	Remsen	D
RmC4	Remsen silty clay loam, 8 to 25 percent slopes, severely eroded	Remsen	D
RmD3	Remsen silty clay loam, 15 to 25 percent slopes, eroded	Remsen	D
RnE	Remsen soils, 25 to 40 percent slopes	Remsen	D
RnE4	Remsen soils, 25 to 40 percent slopes, severely eroded	Remsen	D
RoA	Rhinebeck silt loam, 0 to 3 percent slopes	Rhinebeck	C/D

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
RsA	Romulus silt loam, 0 to 3 percent slopes	Romulus	C/D
Ru	Rubbleland	Rubbleland	
Sa	Saprists and Aquents, ponded	Saprists	A/D
Sa	Saprists and Aquents, ponded	Aquents	B/D
SeB	Schoharie silt loam, 1 to 6 percent slopes	Schoharie	C/D
ShC3	Schoharie silty clay loam, 6 to 12 percent slopes, eroded	Schoharie	C/D
ShD3	Schoharie silty clay loam, 12 to 20 percent slopes, eroded	Schoharie	C/D
SIE3	Schoharie silty clay loam, 20 to 40 percent slopes, eroded	Schoharie	C/D
SmB	Scio silt loam, 2 to 8 percent slopes	Scio	B/D
StA	Stafford loamy fine sand, 0 to 2 percent slopes	Stafford	A/D
Te	Teel silt loam	Teel	B/D
Ud	Udifluvents and Fluvaquents, frequently flooded	Udifluvents	C
Ud	Udifluvents and Fluvaquents, frequently flooded	Fluvaquents	B/D
Uf	Udorthents, loamy skeletal	Udorthents, loamy skeletal	A
Um	Udorthents, smoothed	Udorthents, smoothed	A
W	Water	Water	
Wk	Wakeville silt loam	Wakeville	B/D
Wr	Warners mucky loam	Warners	B/D
WsB	Wassaic silt loam, 2 to 8 percent slopes	Wassaic	C
Wy	Wayland soils complex, 0 to 3 percent slopes, frequently flooded	Wayland	B/D
Wy	Wayland soils complex, 0 to 3 percent slopes, frequently flooded	Wayland	B/D