

Hydrologic Soil Groups

Erie County, New York

November 2015

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
AIA	Allard silt loam, 0 to 3 percent slopes	Allard	B
AIB	Allard silt loam, 3 to 8 percent slopes	Allard	B
AmA	Alton fine gravelly loam, 0 to 3 percent slopes	Alton	A
AmB	Alton fine gravelly loam, 3 to 8 percent slopes	Alton	A
AmC	Alton fine gravelly loam, 8 to 15 percent slopes	Alton	A
AnB	Alton gravelly loam, silty substratum, 3 to 8 percent slopes	Alton	A
AnC	Alton gravelly loam, silty substratum, 8 to 15 percent slopes	Alton	A
AoA	Angola silt loam, 0 to 3 percent slopes	Angola	D
AoB	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, 3 to 8 percent slopes	Arkport	A
ArC	Arkport very fine sandy loam, 8 to 15 percent slopes	Arkport	A
ArD	Arkport very fine sandy loam, 15 to 25 percent slopes	Arkport	A
ArE	Arkport very fine sandy loam, 25 to 40 percent slopes	Arkport	A
AuC	Aurora channery silt loam, 8 to 15 percent slopes	Aurora	D
Be	Beaches	Beaches	
BfA	Benson very channery loam, 0 to 3 percent slopes	Benson	D
BfB	Benson very channery loam, 3 to 8 percent slopes	Benson	D
BgC	Benson very channery loam, very rocky, 8 to 15 percent slopes	Benson	D
BhB	Benson-Rock outcrop complex, 3 to 8 percent slopes	Benson	D
BhB	Benson-Rock outcrop complex, 3 to 8 percent slopes	Rock outcrop	
BIA	Blasdell channery silt loam, 0 to 3 percent slopes	Blasdell	A
BIB	Blasdell channery silt loam, 3 to 8 percent slopes	Blasdell	A
BIC	Blasdell channery silt loam, 8 to 15 percent slopes	Blasdell	A
BID	Blasdell channery silt loam, 15 to 25 percent slopes	Blasdell	A
BrA	Brockport silty clay loam, 0 to 3 percent slopes	Brockport	D
BrB	Brockport silty clay loam, 3 to 8 percent slopes	Brockport	D
Ca	Canadice silt loam	Canadice	D
Cb	Canadice silt loam, channery till substratum	Canadice	D
Cc	Canandaigua silt loam	Canandaigua	C/D

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
Cd	Canandaigua mucky silt loam	Canandaigua	C/D
CeA	Castile gravelly loam, 0 to 3 percent slopes	Castile	A/D
CeB	Castile gravelly loam, 3 to 8 percent slopes	Castile	A/D
CfB	Cayuga silt loam, 3 to 8 percent slopes	Cayuga	D
CfC	Cayuga silt loam, 8 to 15 percent slopes	Cayuga	D
CgB	Cazenovia silt loam, 3 to 8 percent slopes	Cazenovia	C
CgC	Cazenovia silt loam, 8 to 15 percent slopes	Cazenovia	C
Ch	Cheektowaga fine sandy loam	Cheektowaga	C/D
CkA	Chenango gravelly loam, 0 to 3 percent slopes	Chenango	A
CkB	Chenango gravelly loam, 3 to 8 percent slopes	Chenango	A
CkC	Chenango gravelly loam, 8 to 15 percent slopes	Chenango	A
CkD	Chenango gravelly loam, 15 to 25 percent slopes	Chenango	A
CIA	Chenango channery silt loam, fan, 0 to 3 percent slopes	Chenango	A
CIB	Chenango channery silt loam, fan 3 to 8 percent slopes	Chenango	A
CmE	Chenango and Palmyra soils, 25 to 40 percent slopes	Chenango	A
CmE	Chenango and Palmyra soils, 25 to 40 percent slopes	Palmyra	A
Cn	Chippewa silt loam, 0 to 3 percent slopes	Chippewa	D
CoA	Churchville silt loam, 0 to 3 percent slopes	Churchville	C/D
CoB	Churchville silt loam, 3 to 8 percent slopes	Churchville	C/D
CrA	Claverack loamy fine sand, 0 to 3 percent slopes	Claverack	C/D
CrB	Claverack loamy fine sand, 3 to 8 percent slopes	Claverack	C/D
CsA	Collamer silt loam, 0 to 3 percent slopes	Collamer	C/D
CsB	Collamer silt loam, 3 to 8 percent slopes	Collamer	C/D
CsC	Collamer silt loam, 8 to 15 percent slopes	Collamer	C/D
CtB	Collamer silt loam, till substratum, 3 to 8 percent slopes	Collamer	C/D
CuB	Colonie loamy fine sand, 3 to 8 percent slopes	Colonie	A
CuC	Colonie loamy fine sand, 8 to 15 percent slopes	Colonie	A
Cv	Cosad loamy fine sand	Cosad	C/D
DaB	Danley silt loam, 3 to 8 percent slopes	Danley	C/D
DaC	Danley silt loam, 8 to 15 percent slopes	Danley	C/D
DaD	Danley silt loam, 15 to 25 percent slopes	Danley	C/D
DbA	Darien silt loam, 0 to 3 percent slopes	Darien	C/D
DbB	Darien silt loam, 3 to 8 percent slopes	Darien	C/D
DbC	Darien silt loam, 8 to 15 percent slopes	Darien	C/D
DcB	Darien silt loam, silty substratum, 3 to 8 percent slopes	Darien	C/D
DdA	Derb silt loam, 0 to 3 percent slopes	Derb	C/D

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DdB	Derb silt loam, 3 to 8 percent slopes	Derb	C/D
DdC	Derb silt loam, 8 to 15 percent slopes	Derb	C/D
Dp	Dumps	Dumps	
Ed	Edwards muck	Edwards	D
EIA	Elnora loamy fine sand, 0 to 3 percent slopes	Elnora	A/D
EIB	Elnora loamy fine sand, 3 to 8 percent slopes	Elnora	A/D
ErA	Erie channery silt loam, 0 to 3 percent slopes	Erie	D
ErB	Erie channery silt loam, 3 to 8 percent slopes	Erie	D
ErC	Erie channery silt loam, 8 to 15 percent slopes	Erie	D
FaA	Farmington channery loam, 0 to 3 percent slopes	Farmington	D
FaB	Farmington channery loam, 3 to 8 percent slopes	Farmington	D
FbA	Farnham channery silt loam, 0 to 3 percent slopes	Farnham	A/D
FbB	Farnham channery silt loam, 3 to 8 percent slopes	Farnham	A/D
FcA	Farnham channery silt loam, fan, 0 to 3 percent slopes	Farnham	A/D
FcB	Farnham channery silt loam, fan, 3 to 8 percent slopes	Farnham	A/D
Fu	Fluvaquents and Udifluents, frequently flooded	Fluvaquents	A/D
Fu	Fluvaquents and Udifluents, frequently flooded	Udifluents	A
GaA	Galen very fine sandy loam, 0 to 3 percent slopes	Galen	A/D
GaB	Galen very fine sandy loam, 3 to 8 percent slopes	Galen	A/D
GbB	Galen fine sandy loam, till substratum, 3 to 8 percent slopes	Galen	A/D
Ge	Getzville silt loam	Getzville	B/D
Ha	Halsey silt loam	Halsey	B/D
Hm	Hamlin silt loam	Hamlin	B
Hn	Haplaquolls, ponded	Haplaquolls	C/D
HoA	Honeoye loam, 0 to 3 percent slopes	Honeoye	C
HoB	Honeoye loam, 3 to 8 percent slopes	Honeoye	C
HrA	Hornell silt loam, 0 to 3 percent slopes	Hornell	C/D
HrB	Hornell silt loam, 3 to 8 percent slopes	Hornell	C/D
HsC	Hornell silty clay loam, 8 to 15 percent slopes	Hornell	C/D
HuB	Hudson silt loam, 3 to 8 percent slopes	Hudson	C/D
HuC	Hudson silt loam, 8 to 15 percent slopes	Hudson	C/D
HvD	Hudson silty clay loam, 15 to 25 percent slopes	Hudson	C/D
HvE	Hudson silty clay loam, 25 to 40 percent slopes	Hudson	C/D
HwD	Hudson gravelly loam, hilly	Hudson	C/D
In	Ilion silt loam	Ilion	C/D
Ke	Kendaia silt loam, 0 to 3 percent slopes	Kendaia	B/D

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La	Lakemont silt loam, 0 to 3 percent slopes	Lakemont	D
Lb	Lakemont mucky silt loam	Lakemont	C/D
Lc	Lamson very fine sandy loam	Lamson	A/D
Ld	Lamson mucky very fine sandy loam	Lamson	A/D
LfB	Langford channery silt loam, 3 to 8 percent slopes	Langford	D
LfC	Langford channery silt loam, 8 to 15 percent slopes	Langford	D
LfD	Langford channery silt loam, 15 to 25 percent slopes	Langford	D
LgC	Langford channery silt loam, silty substratum, 8 to 15 percent slopes	Langford	D
LgD	Langford channery silt loam, silty substratum, 15 to 25 slopes	Langford	D
LmA	Lima loam, 0 to 3 percent slopes	Lima	C/D
LmB	Lima loam, 3 to 8 percent slopes	Lima	C/D
Ly	Lyons soils, 0 to 3 percent slopes	Lyons	C/D
Ly	Lyons soils, 0 to 3 percent slopes	Lyons	C/D
Lz	Lyons soils, 0 to 3 percent slopes, frequently ponded	Lyons	C/D
Lz	Lyons soils, 0 to 3 percent slopes, frequently ponded	Lyons	C/D
MaA	Manlius channery silt loam, 0 to 3 percent slopes	Manlius	C
MaB	Manlius channery silt loam, 3 to 8 percent slopes	Manlius	C
MaC	Manlius channery silt loam, 8 to 15 percent slopes	Manlius	C
MaD	Manlius channery silt loam, 15 to 25 percent slopes	Manlius	C
MbE	Manlius very channery silt loam, 25 to 35 percent slope s	Manlius	C
MbF	Manlius very channery silt loam, 35 to 50 percent slope s	Manlius	C
McB	Mardin silt loam, 3 to 8 percent slopes	Mardin	D
McC	Mardin silt loam, 8 to 15 percent slopes	Mardin	D
MdB	Mardin channery silt loam, 3 to 8 percent slopes	Mardin	D
MdC	Mardin channery silt loam, 8 to 15 percent slopes	Mardin	D
MdD	Mardin channery silt loam, 15 to 25 percent slopes	Mardin	D
MeF	Mardin-Valois complex, 25 to 50 percent slopes	Mardin	D
MeF	Mardin-Valois complex, 25 to 50 percent slopes	Valois	B
MfA	Marilla channery silt loam, 0 to 3 percent slopes	Marilla	D
MfB	Marilla channery silt loam, 3 to 8 percent slopes	Marilla	D
MfC	Marilla channery silt loam, 8 to 15 percent slopes	Marilla	D
Mg	Middlebury silt loam	Middlebury	B/D
Mh	Minoa very fine sandy loam	Minoa	B/D
Ne	Newstead loam	Newstead	C/D
NfA	Niagara silt loam, 0 to 3 percent slopes	Niagara	C/D
NfB	Niagara silt loam, 3 to 8 percent slopes	Niagara	C/D

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Ng	Niagara silt loam, fan	Niagara	C/D
Nh	Niagara silt loam, till substratum	Niagara	C/D
Od	Odessa silt loam	Odessa	C/D
Oe	Odessa-Lakemont complex, 0 to 3 percent slopes	Odessa	C/D
Oe	Odessa-Lakemont complex, 0 to 3 percent slopes	Lakemont	D
OrA	Orpark silt loam, 0 to 3 percent slopes	Orpark	C/D
OrB	Orpark silt loam, 3 to 8 percent slopes	Orpark	C/D
OrC	Orpark silt loam, 8 to 15 percent slopes	Orpark	C/D
OvA	Ovid silt loam, 0 to 3 percent slopes	Ovid	C/D
OvB	Ovid silt loam, 3 to 8 percent slopes	Ovid	C/D
Pa	Palms muck	Palms	B/D
PbA	Palmyra gravelly loam, 0 to 3 percent slopes	Palmyra	A
PbB	Palmyra gravelly loam, 3 to 8 percent slopes	Palmyra	A
Pc	Patchin silt loam	Patchin	D
PhA	Phelps gravelly loam, 0 to 3 percent slopes	Phelps	B/D
PhB	Phelps gravelly loam, 3 to 8 percent slopes	Phelps	B/D
Pt	Pits, borrow	Pits	
Pu	Pits, gravel	Pits	
Qu	Quarry	Quarry	
RaA	Raynham silt loam, 0 to 3 percent slopes	Raynham	C/D
RaB	Raynham silt loam, 3 to 8 percent slopes	Raynham	C/D
Re	Red Hook silt loam	Red Hook	B/D
RfA	Remsen silty clay loam, 0 to 3 percent slopes	Remsen	D
RfB	Remsen silty clay loam, 3 to 8 percent slopes	Remsen	D
RfC	Remsen silty clay loam, 8 to 15 percent slopes	Remsen	D
RgA	Rhinebeck silt loam, 0 to 3 percent slopes	Rhinebeck	C/D
RgB	Rhinebeck silt loam, 3 to 8 percent slopes	Rhinebeck	C/D
RhC3	Rhinebeck silty clay loam, 8 to 15 percent slopes, severe rhyeroded	Rhinebeck	C/D
RkA	Rhinebeck gravelly loam, 0 to 3 percent slopes	Rhinebeck	C/D
RkB	Rhinebeck gravelly loam, 3 to 8 percent slopes	Rhinebeck	C/D
RmA	Rhinebeck silty clay loam, stratified substratum, 0 to 3 percent slopes	Rhinebeck	C/D
RmB	Rhinebeck silty clay loam, stratified substratum, 3 to 8 percent slopes	Rhinebeck	C/D
Ro	Rock outcrop	Rock outcrop	
SaA	Schoharie silt loam, 0 to 3 percent slopes	Schoharie	D
SaB	Schoharie silt loam, 3 to 8 percent slopes	Schoharie	D
SbC3	Schoharie silty clay loam, 8 to 15 percent slopes, severe rhyeroded	Schoharie	D

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
ScD	Schuyler silt loam, 15 to 25 percent slopes	Schuyler	B/D
ScE	Schuyler silt loam, 25 to 40 percent slopes	Schuyler	B/D
Sd	Scio silt loam	Scio	B/D
Sw	Swormville clay loam	Swormville	C/D
Te	Teel silt loam	Teel	B/D
To	Tioga silt loam	Tioga	A
Uc	Udorthents, smoothed	Udorthents	
Ud	Urban land	Urban land	
UeB	Urban land-Benson complex, 3 to 6 percent slopes	Urban	
UeB	Urban land-Benson complex, 3 to 6 percent slopes	Benson	D
Ug	Urban land-Cayuga complex	Urban	
Ug	Urban land-Cayuga complex	Cayuga	D
Uh	Urban-Churchville complex	Urban land	
Uh	Urban-Churchville complex	Churchville	C/D
Uk	Urban land claverack complex	Urban	
Uk	Urban land claverack complex	Claverack	C/D
UmA	Urban land-Collamer complex 1 to 6 percent slopes	Urban	
UmA	Urban land-Collamer complex 1 to 6 percent slopes	Collamer	C/D
UnB	Urban land-Colonie complex 3 to 6 percent slopes	Urban	
UnB	Urban land-Colonie complex 3 to 6 percent slopes	Colonie	A
Uo	Urban land-Cosad complex	Urban	
Uo	Urban land-Cosad complex	Cosad	C/D
Up	Urban land-Galen complex	Urban	
Up	Urban land-Galen complex	Galen	A/D
UrA	Urban land-Lima complex 1 to 6 percent slopes	Urban	
UrA	Urban land-Lima complex 1 to 6 percent slopes	Lima	C/D
Us	Urban land-Niagara complex	Urban	
Us	Urban land-Niagara complex	Niagara	C/D
Ut	Urban land-Odessa complex	Urban	
Ut	Urban land-Odessa complex	Odessa	C/D
Uu	Urban land-Schoharie complex	Urban	
Uu	Urban land-Schoharie complex	Schoharie	D
Uv	Urban land-Swormville complex	Urban	
Uv	Urban land-Swormville complex	Swormville	C/D
Uw	Urban land-Teel complex	Urban	
Uw	Urban land-Teel complex	Teel	B/D

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
Ux	Urban land-Wassaic	Urban	
Ux	Urban land-Wassaic	Wassaic	C
VaB	Valois gravelly silt loam, 3 to 8 percent slopes	Valois	B
VaC	Valois gravelly silt loam 8 to 15 percent slopes	Valois	B
VaD	Valois gravelly silt loam, 15 to 25 percent slopes	Valois	B
VbA	Varysburg gravelly loam, 0 to 3 percent slopes	Varysburg	C
VbB	Varysburg gravelly loam, 3 to 8 percent slopes	Varysburg	C
VbC	Varysburg gravelly loam, 8 to 15 percent slopes	Varysburg	C
VbD	Varysburg gravelly loam, 15 to 25 percent slopes	Varysburg	C
VbE	Varysburg gravelly loam 25 to 50 percent slopes	Varysburg	C
VoA	Volusia silt loam, 0 to 3 percent slopes	Volusia	D
VoB	Volusia silt loam, 3 to 8 percent slopes	Volusia	D
VpA	Volusia channery silt loam, 0 to 3 percent slopes	Volusia	D
VpB	Volusia channery silt loam, 3 to 8 percent slopes	Volusia	D
W	Water	Water	
WaA	Wassaic silt loam, 0 to 3 percent slopes	Wassaic	C
WaB	Wassaic silt loam, 3 to 8 percent slopes	Wassaic	C
WbB	Wassaic very stony loam, 3 to 8 percent slopes	Wassaic	C
WcE	Wassaic-Rock outcrop complex 25 to 40 percent slopes	Wassaic	C
WcE	Wassaic-Rock outcrop complex 25 to 40 percent slopes	Rock outcrop	
Wd	Wayland soils complex, 0 to 3 percent slopes, frequently flooded	Wayland	B/D
Wd	Wayland soils complex, 0 to 3 percent slopes, frequently flooded	Wayland	B/D
WeB	Williamson silt loam, 3 to 8 percent slopes	Williamson	D
WeC	Williamson silt loam, 8 to 15 percent slope	Williamson	D