

Hydrologic Soil Groups

Niagara County, New York

November 2015

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
Ad	Alluvial land	Fluvaquents	A/D
Ad	Alluvial land	Udifluvents	A
Af	Altmar loamy fine sand	Altmar	A/D
Am	Altmar gravelly fine sandy loam	Altmar	A/D
AnA	Appleton gravelly loam, 0 to 3 percent slopes	Appleton	B/D
ApA	Appleton silt loam, 0 to 3 percent slopes	Appleton	B/D
ArB	Arkport very fine sandy loam, 0 to 6 percent slopes	Arkport	A
ArC	Arkport very fine sandy loam, 6 to 12 percent slopes	Arkport	A
AsA	Arkport fine sandy loam, gravelly substratum, 0 to 2 percent slopes	Arkport	A
AsB	Arkport fine sandy loam, gravelly substratum, 2 to 6 percent slopes	Arkport	A
BoA	Bombay fine sandy loam, 0 to 2 percent slopes	Bombay	C
BoB	Bombay fine sandy loam, 2 to 6 percent slopes	Bombay	C
BrA	Brockport silt loam, 0 to 4 percent slopes	Brockport	D
Ca	Canandaigua silt loam	Canandaigua	C/D
Cb	Canandaigua silty clay loam	Canandaigua	C/D
CcA	Cayuga and Cazenovia silt loams, 0 to 2 percent slopes	Cayuga	D
CcA	Cayuga and Cazenovia silt loams, 0 to 2 percent slopes	Cazenovia	C
CcB	Cayuga and Cazenovia silt loams, 2 to 6 percent slopes	Cayuga	D
CcB	Cayuga and Cazenovia silt loams, 2 to 6 percent slopes	Cazenovia	C
CcC	Cayuga and Cazenovia silt loams, 6 to 12 percent slopes	Cayuga	D
CcC	Cayuga and Cazenovia silt loams, 6 to 12 percent slopes	Cazenovia	C
CeA	Cazenovia gravelly silt loam, 0 to 3 percent slopes	Cazenovia	C
CeB	Cazenovia gravelly silt loam, 3 to 8 percent slopes	Cazenovia	C
CgA	Cazenovia gravelly silt loam, shale substratum, 0 to 3 percent slopes	Cazenovia	C
CgB	Cazenovia gravelly silt loam, shale substratum, 3 to 8 percent slopes	Cazenovia	C
Ch	Cheektowaga fine sandy loam	Cheektowaga	C/D
CIA	Churchville silt loam, 0 to 2 percent slopes	Churchville	C/D
CIB	Churchville silt loam, 2 to 6 percent slopes	Churchville	C/D
CmA	Claverack loamy fine sand, 0 to 2 percent slopes	Claverack	C/D
CmB	Claverack loamy fine sand, 2 to 6 percent slopes	Claverack	C/D
CnA	Collamer silt loam, 0 to 2 percent slopes	Collamer	C/D

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CnB	Collamer silt loam, 2 to 6 percent slopes	Collamer	C/D
CoB	Colonie loamy fine sand, 0 to 6 percent slopes	Colonie	A
Cs	Cosad fine sandy loam	Cosad	C/D
Cu	Cut and fill land	Udorthents	A
DuB	Dunkirk silt loam, 2 to 6 percent slopes	Dunkirk	C
DuC3	Dunkirk silt loam, 6 to 12 percent slopes, eroded	Dunkirk	C
DvD3	Dunkirk and Arkport soils, 12 to 20 percent slopes, eroded	Dunkirk	C
DvD3	Dunkirk and Arkport soils, 12 to 20 percent slopes, eroded	Arkport	A
EIA	Elnora loamy fine sand, 0 to 2 percent slopes	Elnora	A/D
EIB	Elnora loamy fine sand, 2 to 6 percent slopes	Elnora	A/D
FaA	Farmington silt loam, 0 to 8 percent slopes	Farmington	D
Fo	Fonda mucky silt loam	Fonda	C/D
Fr	Fredon gravelly loam	Fredon	B/D
Fr	Fredon gravelly loam	Fredon	B/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
Ha	Hamlin silt loam	Hamlin	B
HgA	Hilton gravelly loam, 0 to 3 percent slopes	Hilton	C/D
HgB	Hilton gravelly loam, 3 to 8 percent slopes	Hilton	C/D
HIA	Hilton silt loam, 0 to 3 percent slopes	Hilton	C/D
HIB	Hilton silt loam, 3 to 8 percent slopes	Hilton	C/D
HmA	Hilton and Cayuga silt loams, limestone substratum, 0 to 3 percent slopes	Hilton	C/D
HmA	Hilton and Cayuga silt loams, limestone substratum, 0 to 3 percent slopes	Cayuga	D
HmB	Hilton and Cayuga silt loams, limestone substratum, 3 to 8 percent slopes	Cayuga	D
HmB	Hilton and Cayuga silt loams, limestone substratum, 3 to 8 percent slopes	Hilton	C/D
HoA	Howard gravelly loam, 0 to 3 percent slopes	Howard	A
HoB	Howard gravelly loam, 3 to 8 percent slopes	Howard	A
HoC	Howard gravelly loam, 8 to 15 percent slopes	Howard	A
HsB	Hudson silt loam, 2 to 6 percent slopes	Hudson	C/D
HtC3	Hudson silty clay loam, 6 to 12 percent slopes, eroded	Hudson	C/D
HuF3	Hudson soils, 20 to 45 percent slopes, eroded	Hudson	C/D
LaB	Lairdsville silt loam, 0 to 6 percent slopes	Lairdsville	D
Lc	Lakemont silty clay loam, 0 to 3 percent slopes	Lakemont	D
Ld	Lamson very fine sandy loam	Lamson	A/D
Lg	Lamson fine sandy loam, gravelly substratum	Lamson	A/D
Lo	Lockport silt loam	Lockport	D

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Ma	Madalin silt loam, 0 to 3 percent slopes	Madalin	C/D
Md	Madalin silt loam, loamy subsoil variant	Madalin variant	C/D
Me	Made land	Udorthents	A
Mf	Massena fine sandy loam	Massena	C/D
Mf	Massena fine sandy loam	Massena	C/D
Mn	Minoa very fine sandy loam	Minoa	B/D
Ms	Muck, shallow	Muck	A/D
NaA	Niagara silt loam, 0 to 2 percent slopes	Niagara	C/D
NaB	Niagara silt loam, 2 to 6 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
OnB	Ontario loam, 2 to 8 percent slopes	Ontario	C
OnC	Ontario loam, 8 to 15 percent slopes	Ontario	C
OnC3	Ontario loam, 8 to 15 percent slopes, eroded	Ontario	C
OnD3	Ontario loam, 15 to 30 percent slopes, eroded	Ontario	C
OoA	Ontario loam, limestone substratum, 0 to 3 percent slopes	Ontario	C
OoB	Ontario loam, limestone substratum, 3 to 8 percent slopes	Ontario	C
OsA	Otisville gravelly sandy loam, 0 to 3 percent slopes	Otisville	A
OsB	Otisville gravelly sandy loam, 3 to 8 percent slopes	Otisville	A
OvA	Ovid silt loam, 0 to 2 percent slopes	Ovid	C/D
OvB	Ovid silt loam, 2 to 6 percent slopes	Ovid	C/D
OwA	Ovid silt loam, limestone substratum, 0 to 3 percent slopes	Ovid	C/D
OwB	Ovid silt loam, limestone substratum, 3 to 8 percent slopes	Ovid	C/D
PsA	Phelps gravelly loam, 0 to 5 percent slopes	Phelps	B/D
Pt	Pits, gravel	Gravel pits	
Qu	Quarries	Quarries	
RaA	Raynham silt loam, 0 to 2 percent slopes	Raynham	C/D
RaA	Raynham silt loam, 0 to 2 percent slopes	Raynham	C/D
RaB	Raynham silt loam, 2 to 6 percent slopes	Raynham	C/D
RaB	Raynham silt loam, 2 to 6 percent slopes	Raynham	C/D
RbA	Rhinebeck silt loam, 0 to 2 percent slopes	Rhinebeck	C/D
RbB	Rhinebeck silt loam, 2 to 6 percent slopes	Rhinebeck	C/D
RhA	Rhinebeck silty clay loam, sandy substratum, 0 to 2 percent slopes	Rhinebeck	C/D
RhB	Rhinebeck silty clay loam, sandy substratum, 2 to 6 percent slopes	Rhinebeck	C/D
Rk	Rhinebeck silt loam, thick surface variant	Rhinebeck variant	C/D
RoA	Rock land, nearly level	Rock land	

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
RoF	Rock land, steep	Rock land	
ShB	Schoharie silty clay loam, 2 to 6 percent slopes	Schoharie	D
St	Stafford loamy fine sand	Stafford	A/D
Su	Stafford loamy fine sand, gravelly substratum	Stafford	A/D
Sw	Sun silt loam	Sun	D
Ua	Unsurveyed area	Unsurveyed area	
Ur	Urban land	Urban land	
Uw	Uwihreh silt loam	Uwihreh	D
W	Water	Water	
Wa	Wayland soils complex, 0 to 3 percent slopes, frequently flooded	Wayland	B/D
Wa	Wayland soils complex, 0 to 3 percent slopes, frequently flooded	Wayland	B/D