

## Hydrologic Soil Groups

Yates County, New York

November 2015

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
Ac	Allis channery silt loam, 12 to 20 inches deep, eroded, 15 to 25 percent slopes	Tuller	D
Ad	Allis silt loam, 36 inches or more deep, 3 to 8 percent slopes	Allis	D
Ae	Allis silt loam, 12 to 20 inches deep, 3 to 8 percent slopes	Tuller	D
Af	Allis silt loam, 12 to 20 inches deep, eroded, 8 to 15 percent slopes	Tuller	D
Ag	Alluvial soils, undifferentiated, 0 to 2 percent slopes	Udifluvents	A
Ag	Alluvial soils, undifferentiated, 0 to 2 percent slopes	Fluvaquents	A/D
Ah	Angola silt loam, 0 to 3 percent slopes	Angola	D
Am	Arkport fine sandy loam, 0 to 5 percent slopes	Arkport	A
An	Arkport fine sandy loam, 6 to 12 percent slopes	Arkport	A
Ao	Arkport fine sandy loam, eroded, 12 to 20 percent slopes	Arkport	A
Ar	Arkport soils, 20 to 45 percent slopes	Arkport	A
As	Atherton silt loam, 0 to 1 percent slopes	Atherton	B/D
At	Aurora silt loam, 3 to 8 percent slopes	Aurora	D
Au	Aurora silt loam, eroded, 3 to 8 percent slopes	Aurora	D
Av	Aurora silt loam, 8 to 15 percent slopes	Aurora	D
Aw	Aurora silt loam, eroded, 8 to 15 percent slopes	Aurora	D
Ax	Aurora silt loam, eroded, 15 to 30 percent slopes	Aurora	D
Ba	Bath channery silt loam, 5 to 15 percent slopes	Bath	C
Bb	Bath channery silt loam, 15 to 25 percent slopes	Bath	C
Bc	Berrien fine sandy loam, 0 to 6 percent slopes	Galen	A/D
Be	Braceville gravelly silt loam, 0 to 5 percent slopes	Castile	A/D
Cb	Camillus silt loam, imperfectly drained variant, 0 to 5 percent slopes	Angola	D
Cc	Caneadea silty clay loam, 0 to 6 percent slopes	Rhinebeck	C/D
Cd	Caneadea silty clay loam, eroded, 6 to 15 percent slopes	Rhinebeck	C/D
Ce	Carlisle muck, 0 to 1 percent slopes	Carlisle	A/D
Ce	Carlisle muck, 0 to 1 percent slopes	Carlisle	A/D
Cf	Carlisle muck, shallow, 0 to 1 percent slopes	Palms	B/D
Cg	Cayuga silt loam, 3 to 8 percent slopes	Cayuga	D
Ch	Cayuga silt loam, eroded, 3 to 8 percent slopes	Cayuga	D
Ck	Cayuga silt loam, 8 to 15 percent slopes	Cayuga	D
Cl	Cayuga silt loam, eroded, 8 to 15 percent slopes	Cayuga	D

<b>Map Unit Symbol</b>	<b>Map Unit Name</b>	<b>Component Name</b>	<b>Hydrologic Soil Group</b>
Cm	Cayuga silt loam, eroded, 15 to 25 percent slopes	Cayuga	D
Cr	Chagrin silt loam, alluvial fan, 2 to 8 percent slopes	Herkimer	B
Cs	Chagrin shaly silt loam, alluvial fan, 2 to 8 percent slopes	Herkimer	B
Ct	Chenango and Tioga gravelly silt loams, alluvial fan, 2 to 5 percent slopes	Chenango	A
Ct	Chenango and Tioga gravelly silt loams, alluvial fan, 2 to 5 percent slopes	Tioga	A
Cu	Chenango gravelly loam, 0 to 5 percent slopes	Chenango	A
Cv	Chenango gravelly loam, 5 to 15 percent slopes	Chenango	A
Cw	Chenango soils, 15 to 25 percent slopes	Chenango	A
Cx	Chenango soils, 25 to 45 percent slopes	Chenango	A
Cy	Chippewa silt loam, 0 to 3 percent slopes	Chippewa	D
Cz	Chippewa silt loam, 3 to 8 percent slopes	Chippewa	D
Da	Darien silt loam, 0 to 3 percent slopes	Darien	C/D
De	Dunkirk fine sandy loam, 0 to 6 percent slopes	Dunkirk	C
Df	Dunkirk fine sandy loam, 6 to 12 percent slopes	Dunkirk	C
Dg	Dunkirk silt loam, 0 to 6 percent slopes	Dunkirk	C
Dh	Dunkirk silt loam, 6 to 12 percent slopes	Dunkirk	C
Dk	Dunkirk silt loam, eroded, 12 to 20 percent slopes	Dunkirk	C
DI	Dunkirk silt loam, eroded, 20 to 45 percent slopes	Dunkirk	C
Ea	Edwards muck, 0 to 1 percent slopes	Edwards	C/D
Ea	Edwards muck, 0 to 1 percent slopes	Edwards	C/D
Eb	Eel silt loam, 0 to 2 percent slopes	Teel	B/D
Ed	Erie gravelly silt loam, 0 to 3 percent slopes	Erie	D
Ee	Erie gravelly silt loam, 3 to 8 percent slopes	Erie	D
Ef	Erie gravelly silt loam, 8 to 15 percent slopes	Erie	D
Fc	Fremont channery silt loam, 0 to 3 percent slopes	Volusia	D
Fd	Fremont channery silt loam, 3 to 8 percent slopes	Volusia	D
Fe	Fremont channery silt loam, 8 to 15 percent slopes	Volusia	D
Ff	Fresh water marsh, 0 to 1 percent slopes	Saprists	A/D
Ff	Fresh water marsh, 0 to 1 percent slopes	Aquents	A/D
Fg	Fulton silt loam, 0 to 3 percent slopes	Rhinebeck	C/D
Ga	Galen fine sandy loam, 0 to 6 percent slopes	Galen	A/D
Gc	Genesee silt loam, 0 to 2 percent slopes	Hamlin	B
Gd	Genesee silt loam, high bottom, 0 to 2 percent slopes	Hamlin	B
GP	Gravel pits	Gravel pits	
Ha	Holly silt loam, 0 to 1 percent slopes	Wayland	C/D
Hc	Homer silt loam, 0 to 3 percent slopes	Homer	B/D

<b>Map Unit Symbol</b>	<b>Map Unit Name</b>	<b>Component Name</b>	<b>Hydrologic Soil Group</b>
Hd	Honeoye fine sandy loam, 0 to 3 percent slopes	Honeoye	C
He	Honeoye fine sandy loam, 3 to 10 percent slopes	Honeoye	C
Hf	Honeoye fine sandy loam, 10 to 20 percent slopes	Honeoye	C
Hg	Honeoye fine sandy loam, eroded, 10 to 20 percent slopes	Honeoye	C
Hh	Honeoye silt loam, 0 to 3 percent slopes	Honeoye	C
Hk	Honeoye silt loam, 3 to 10 percent slopes	Honeoye	C
Hi	Honeoye silt loam, 10 to 20 percent slopes	Honeoye	C
Hm	Honeoye silt loam, eroded, 10 to 20 percent slopes	Honeoye	C
Hn	Honeoye soils, eroded, 20 to 30 percent slopes	Honeoye	C
Ho	Hornell silt loam, 36 inches or more deep, 3 to 8 percent slopes	Kanona	C/D
Hp	Hornell silt loam, 12 to 20 inches deep, 3 to 8 percent slopes	Hornell	D
Hr	Hornell silt loam, 36 inches or more deep, 8 to 15 percent slopes	Kanona	C/D
Ht	Hornell silt loam, 36 inches or more deep, eroded, 8 to 15 percent slopes	Kanona	C/D
Hu	Howard gravelly loam, 0 to 5 percent slopes	Howard	A
Hv	Howard gravelly loam, 5 to 15 percent slopes	Howard	A
Hw	Howard soils, 15 to 25 percent slopes	Howard	A
Ja	Junius fine sandy loam, 0 to 2 percent slopes	Junius	B/D
Ka	Kendaia loam, 0 to 3 percent slopes	Kendaia	B/D
Kc	Kendaia loam, 3 to 8 percent slopes	Kendaia	B/D
LA	Lyons soils, 0 to 3 percent slopes	Lyons	C/D
LA	Lyons soils, 0 to 3 percent slopes	Lyons	C/D
La	Lakemont silty clay loam, 0 to 3 percent slopes	Lakemont	D
Lb	Langford gravelly silt loam, 3 to 8 percent slopes	Langford	D
Lc	Langford gravelly silt loam, 8 to 15 percent slopes	Langford	D
Ld	Lansing and Danley silt loams, 12 to 20 inches deep, 3 to 8 percent slopes	Farmington	D
Ld	Lansing and Danley silt loams, 12 to 20 inches deep, 3 to 8 percent slopes	Arnot	D
Le	Lansing and Danley silt loams, 12 to 20 inches deep, eroded, 8 to 15 percent slopes	Farmington	D
Le	Lansing and Danley silt loams, 12 to 20 inches deep, eroded, 8 to 15 percent slopes	Arnot	D
Lf	Lansing and Danley silt loams, 12 to 20 inches deep, eroded, 15 to 25 percent slopes	Farmington	D
Lf	Lansing and Danley silt loams, 12 to 20 inches deep, eroded, 15 to 25 percent slopes	Arnot	D
Lg	Conesus-Lansing complex, 3 to 10 percent slopes	Conesus	B/D
Lg	Conesus-Lansing complex, 3 to 10 percent slopes	Lansing	B
Lh	Lansing loam, 10 to 20 percent slopes	Lansing	B
Li	Lansing loam, 20 to 30 percent slopes	Lansing	B
Ln	Lima fine sandy loam, 0 to 3 percent slopes	Lima	C
Lo	Lima fine sandy loam, 3 to 10 percent slopes	Lima	C

<b>Map Unit Symbol</b>	<b>Map Unit Name</b>	<b>Component Name</b>	<b>Hydrologic Soil Group</b>
Lp	Lima silt loam, 12 to 20 inches deep, 0 to 3 percent slopes	Farmington	D
Lr	Lima silt loam, 0 to 3 percent slopes	Lima	C
Ls	Lima silt loam, 3 to 10 percent slopes	Lima	C
Lt	Lima silt loam, 10 to 20 percent slopes	Lima	C
Lu	Lobdell silt loam, 0 to 2 percent slopes	Teel	B/D
Lv	Lordstown and Manlius soils, 25 to 45 percent slopes	Lordstown	C
Lv	Lordstown and Manlius soils, 25 to 45 percent slopes	Manlius	C
Lv	Lordstown and Manlius soils, 25 to 45 percent slopes	Towerville	C/D
Lw	Lordstown channery silt loam, 5 to 15 percent slopes	Mongaup	C
Lw	Lordstown channery silt loam, 5 to 15 percent slopes	Ischua	D
Lx	Lordstown channery silt loam, 15 to 25 percent slopes	Lordstown	C
Lx	Lordstown channery silt loam, 15 to 25 percent slopes	Manlius	C
Lx	Lordstown channery silt loam, 15 to 25 percent slopes	Towerville	C/D
Ly	Lordstown channery silt loam, eroded, 15 to 25 percent slopes	Mongaup	C
Ly	Lordstown channery silt loam, eroded, 15 to 25 percent slopes	Ischua	D
Lz	Lordstown soils, 45 to 70 percent slopes	Lordstown	C
Lz	Lordstown soils, 45 to 70 percent slopes	Manlius	C
Lz	Lordstown soils, 45 to 70 percent slopes	Towerville	C/D
Ma	Manlius shaly silt loam, 36 inches or more deep, 5 to 15 percent slopes	Manlius	C
Mb	Manlius shaly silt loam, 36 inches or more deep, eroded, 5 to 15 percent slopes	Manlius	C
Mc	Manlius shaly silt loam, 12 to 20 inches deep, eroded, 15 to 25 percent slopes	Nassau	D
Md	Manlius shaly silt loam, 36 inches or more deep, eroded, 15 to 25 percent slopes	Manlius	C
Me	Mardin channery silt loam, 3 to 8 percent slopes	Mardin	D
Mf	Mardin channery silt loam, 8 to 15 percent slopes	Mardin	D
Mg	Mardin channery silt loam, 8 to 15 percent slopes, eroded	Mardin	D
Mh	Mardin channery silt loam, 15 to 25 percent slopes	Mardin	D
ML	Martisco muck	Martisco	C/D
ML	Martisco muck	Martisco	C/D
MI	Mardin and Langford soils, 25 to 45 percent slopes	Mardin	D
MI	Mardin and Langford soils, 25 to 45 percent slopes	Langford	D
Mm	Middlebury silt loam, 0 to 2 percent slopes	Middlebury	B/D
Mn	Morocco fine sandy loam, 0 to 2 percent slopes	Wareham	A/D
Oa	Odessa silt loam, 0 to 6 percent slopes	Odessa	C/D
Ob	Odessa silty clay loam, eroded, 6 to 12 percent slopes	Odessa	C/D
Of	Ontario gravelly loam, 3 to 10 percent slopes	Ontario	C
Og	Ontario gravelly loam, eroded, 10 to 20 percent slopes	Ontario	C

<b>Map Unit Symbol</b>	<b>Map Unit Name</b>	<b>Component Name</b>	<b>Hydrologic Soil Group</b>
Oh	Ontario, Lansing, and Honeoye soils, 30 to 60 percent slopes	Ontario	C
Oh	Ontario, Lansing, and Honeoye soils, 30 to 60 percent slopes	Lansing	B
Oh	Ontario, Lansing, and Honeoye soils, 30 to 60 percent slopes	Honeoye	C
Ok	Ontario loam, 3 to 10 percent slopes	Ontario	C
OI	Ontario loam, 10 to 20 percent slopes	Ontario	C
Om	Ontario loam, eroded, 10 to 20 percent slopes	Ontario	C
On	Ontario soils, eroded, 20 to 30 percent slopes	Ontario	C
Oo	Ottawa loamy fine sand, 0 to 6 percent slopes	Colonie	A
Or	Ovid silt loam, 0 to 3 percent slopes	Ovid	C/D
Os	Ovid silt loam, 3 to 8 percent slopes	Ovid	C/D
Ot	Ovid silty clay loam, eroded, 3 to 8 percent slopes	Ovid	C/D
Ou	Ovid silty clay loam, eroded, 8 to 15 percent slopes	Ovid	C/D
PA	Palms muck, 0 to 3 percent slopes	Palms	B/D
PA	Palms muck, 0 to 3 percent slopes	Palms	B/D
Pa	Palmyra and Howard soils, 25 to 35 percent slopes	Palmyra	B
Pa	Palmyra and Howard soils, 25 to 35 percent slopes	Howard	A
Pd	Palmyra gravelly loam, 0 to 5 percent slopes	Palmyra	B
Pe	Palmyra gravelly loam, 5 to 15 percent slopes	Palmyra	B
Pf	Palmyra gravelly loam, 15 to 25 percent slopes	Palmyra	B
Pk	Phelps gravelly silt loam, 0 to 5 percent slopes	Phelps	B/D
QU	Quarries	Quarries	
Ra	Red Hook gravelly silt loam, 0 to 3 percent slopes	Red Hook	B/D
Sa	Schoharie silt loam, 0 to 6 percent slopes	Schoharie	C/D
Sb	Schoharie silt loam, 6 to 12 percent slopes	Schoharie	C/D
Sc	Schoharie silty clay loam, 0 to 6 percent slopes	Schoharie	C/D
Sd	Schoharie silty clay loam, 6 to 12 percent slopes	Schoharie	C/D
Se	Schoharie silty clay loam, eroded, 6 to 12 percent slopes	Schoharie	C/D
Sf	Schoharie silty clay loam, 12 to 20 percent slopes	Schoharie	C/D
Sg	Schoharie silty clay loam, eroded, 12 to 20 percent slopes	Schoharie	C/D
Sh	Schoharie silty clay loam, eroded, 20 to 45 percent slopes	Schoharie	C/D
Sk	Sloan silt loam, 0 to 1 percent slopes	Wayland	C/D
SI	Steep broken land, 35 to 60 percent slopes	Udorthents	A
UD	Udorthents, loamy	Udorthents	A
UF	Udorthents, refuse substratum	Udorthents, refuse substratum	A
Va	Valois gravelly silt loam, 5 to 15 percent slopes	Valois	B

<b>Map Unit Symbol</b>	<b>Map Unit Name</b>	<b>Component Name</b>	<b>Hydrologic Soil Group</b>
Vb	Valois gravelly silt loam, eroded, 5 to 15 percent slopes	Valois	B
Vc	Valois gravelly silt loam, 15 to 25 percent slopes	Valois	B
Vd	Valois gravelly silt loam, eroded, 15 to 25 percent slopes	Valois	B
Ve	Volusia channery silt loam, 0 to 3 percent slopes	Volusia	D
Vf	Volusia channery silt loam, 3 to 8 percent slopes	Volusia	D
Vg	Volusia channery silt loam, 8 to 15 percent slopes	Volusia	D
Vk	Volusia channery silt loam, 15 to 25 percent slopes	Volusia	D
W	Water	Water	
WA	Walkkill mucky silty clay loam, 0 to 3 percent slopes	Walkkill	B/D
WA	Walkkill mucky silty clay loam, 0 to 3 percent slopes	Walkkill	B/D
Wb	Wayland soils complex, 0 to 3 percent slopes, frequently flooded	Wayland	B/D
Wb	Wayland soils complex, 0 to 3 percent slopes, frequently flooded	Wayland	B/D
Wd	Westland silt loam, 0 to 1 percent slopes	Westland	B/D
We	Woostern, Bath, and Valois soils, 25 to 45 percent slopes	Bath	C
We	Woostern, Bath, and Valois soils, 25 to 45 percent slopes	Valois	B
We	Woostern, Bath, and Valois soils, 25 to 45 percent slopes	Chadakoin	B
Wf	Woostern gravelly loam, 5 to 15 percent slopes	Chadakoin	B
Wg	Woostern gravelly loam, eroded, 5 to 15 percent slopes	Chadakoin	B
Wh	Woostern gravelly loam, 15 to 25 percent slopes	Chadakoin	B
Wk	Woostern gravelly loam, eroded, 15 to 25 percent slopes	Chadakoin	B