

Hydrologic Soil Groups

Ontario County, New York

November 2015

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
1A	Fluvaquents-Udifluvents complex, 0 to 3 percent slopes, frequently flooded	Fluvaquents	A/D
1A	Fluvaquents-Udifluvents complex, 0 to 3 percent slopes, frequently flooded	Udifluvents	A/D
2A	Geneseo silty clay loam, 0 to 3 percent slopes	Geneseo	C
3A	Hemlock silty clay loam, 0 to 3 percent slopes	Hemlock	C/D
4A	Naples Creek silty clay loam, 0 to 3 percent slopes	Naples Creek	B/D
5A	Wayland soils complex, 0 to 3 percent slopes, frequently flooded	Wayland	B/D
5A	Wayland soils complex, 0 to 3 percent slopes, frequently flooded	Wayland	B/D
12D	Rockrift channery silt loam, 15 to 25 percent slopes	Rockrift	B
13F	Rock outcrop-Arnot complex, 35 to 80 percent slopes, extremely stony	Rock outcrop	
13F	Rock outcrop-Arnot complex, 35 to 80 percent slopes, extremely stony	Arnot	D
14D	Cadosia channery silt loam, 15 to 25 percent slopes	Cadosia	B
15A	Guyanoga channery silt loam, fan, 0 to 3 percent slopes	Guyanoga	B
15B	Guyanoga channery silt loam, fan, 3 to 8 percent slopes	Guyanoga	B
16A	Almond channery silt loam, 0 to 3 percent slopes	Almond	C/D
16B	Almond channery silt loam, 3 to 8 percent slopes	Almond	C/D
16C	Almond channery silt loam, 8 to 15 percent slopes	Almond	C/D
18A	Homer fine sandy loam, 0 to 3 percent slopes	Homer	B/D
19A	Fine-loamy, mixed, active, mesic, Typic Argiaquolls, 0 to 3 percent slopes	Argiaquolls	B/D
20A	Atherton and Fine-loamy, mixed, active, mesic, Typic Argiaquolls, 0 to 3 percent slopes	Atherton	B/D
20A	Atherton and Fine-loamy, mixed, active, mesic, Typic Argiaquolls, 0 to 3 percent slopes	Argiaquolls	B/D
24A	Howard gravelly loam, 0 to 3 percent slopes	Howard	A
24B	Howard gravelly loam, 3 to 8 percent slopes	Howard	A
24C	Howard gravelly loam, 8 to 15 percent slopes	Howard	A
24D	Howard soils, 15 to 25 percent slopes	Howard	A
25A	Chenango gravelly loam, 0 to 3 percent slopes	Chenango	A
25B	Chenango gravelly loam, 3 to 8 percent slopes	Chenango	A
25C	Chenango gravelly loam, 8 to 15 percent slopes	Chenango	A
25D	Chenango gravelly loam, 15 to 25 percent slopes	Chenango	A
25E	Chenango gravelly loam, 25 to 35 percent slopes	Chenango	A
26B	Chenango channery loam, fan, 3 to 8 percent slopes	Chenango	A
27B	Castile gravelly silt loam, 3 to 8 percent slopes	Castile	A/D

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
31A	Collamer silt loam, 0 to 3 percent slopes	Collamer	C/D
31B	Collamer silt loam, 3 to 8 percent slopes	Collamer	B/D
31C	Collamer silt loam, 8 to 15 percent slopes	Collamer	B/D
31D	Collamer silt loam, 15 to 25 percent slopes	Collamer	B/D
32A	Dunkirk fine sandy loam, 0 to 3 percent slopes	Dunkirk	C
32B	Dunkirk fine sandy loam, 3 to 8 percent slopes	Dunkirk	C
33A	Dunkirk silt loam, 0 to 3 percent slopes	Dunkirk	C
33B	Dunkirk silt loam, 3 to 8 percent slopes	Dunkirk	C
33C	Dunkirk silt loam, 8 to 15 percent slopes	Dunkirk	C
33D	Dunkirk silt loam, 15 to 25 percent slopes	Dunkirk	C
33E	Dunkirk silt loam, 25 to 35 percent slopes	Dunkirk	C
34A	Lakemont silty clay loam, 0 to 3 percent slopes	Lakemont	D
35A	Odessa silt loam, 0 to 3 percent slopes	Odessa	C/D
35B	Odessa silty clay loam, 3 to 8 percent slopes	Odessa	C/D
36A	Schoharie silty clay loam, 0 to 3 percent slopes	Schoharie	C/D
36B	Schoharie silty clay loam, 3 to 8 percent slopes	Schoharie	C/D
36C	Schoharie silty clay loam, 8 to 15 percent slopes	Schoharie	C/D
36D	Schoharie silty clay loam, 15 to 25 percent slopes	Schoharie	C/D
36E	Schoharie silty clay loam, 25 to 45 percent slopes	Schoharie	C/D
37A	Schoharie silt loam, 0 to 3 percent slopes	Schoharie	C/D
37B	Schoharie silt loam, 3 to 8 percent slopes	Schoharie	C/D
38A	Niagara silt loam, 0 to 3 percent slopes	Niagara	C/D
38B	Niagara silt loam, 3 to 8 percent slopes	Niagara	C/D
39A	Rhinebeck silty clay loam, 0 to 3 percent slopes	Rhinebeck	C/D
41A	Aeric Epiaquepts, 0 to 3 percent slopes	Aeric Epiaquepts	C/D
41A	Aeric Epiaquepts, 0 to 3 percent slopes	Aeric Epiaquepts	C/D
43A	Canandaigua silt loam, 0 to 3 percent slopes	Canandaigua	C/D
44A	Canandaigua mucky silt loam, 0 to 3 percent slopes	Canandaigua	C/D
45A	Fonda mucky silt loam, 0 to 3 percent slopes	Fonda	C/D
46A	Galen fine sandy loam, 0 to 3 percent slopes	Galen	A/D
46B	Galen fine sandy loam, 3 to 8 percent slopes	Galen	A/D
48A	Arkport fine sandy loam, 0 to 3 percent slopes	Arkport	A
48B	Arkport fine sandy loam, 3 to 8 percent slopes	Arkport	A
48C	Arkport fine sandy loam, 8 to 15 percent slopes	Arkport	A
48D	Arkport fine sandy loam, 15 to 25 percent slopes	Arkport	A
49B	Arkport loamy fine sand, 3 to 8 percent slopes	Arkport	A

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49D	Arkport loamy fine sand, 15 to 25 percent slopes	Arkport	A
49E	Arkport loamy fine sand, 25 to 35 percent slopes	Arkport	A
49F	Arkport loamy fine sand, 35 to 55 percent slopes	Arkport	A
50B	Dunkirk-Arkport complex, 3 to 8 percent slopes	Dunkirk	C
50B	Dunkirk-Arkport complex, 3 to 8 percent slopes	Arkport	A
50C	Dunkirk-Arkport complex, 8 to 15 percent slopes	Dunkirk	C
50C	Dunkirk-Arkport complex, 8 to 15 percent slopes	Arkport	A
50D	Dunkirk-Arkport complex, 15 to 25 percent slopes	Dunkirk	C
50D	Dunkirk-Arkport complex, 15 to 25 percent slopes	Arkport	A
53A	Lamson fine sandy loam, 0 to 3 percent slopes	Lamson	B/D
54A	Lamson mucky fine sandy loam, 0 to 3 percent slopes	Lamson	B/D
56A	Elnora loamy fine sand, 0 to 3 percent slopes	Elnora	B
58B	Colonie loamy fine sand, 3 to 8 percent slopes	Colonie	A
58C	Colonie loamy fine sand, 8 to 15 percent slopes	Colonie	A
62B	Mardin channery silt loam, 3 to 8 percent slopes	Mardin	D
62C	Mardin channery silt loam, 8 to 15 percent slopes	Mardin	D
62D	Mardin channery silt loam, 15 to 25 percent slopes	Mardin	D
62E	Mardin channery silt loam, 25 to 35 percent slopes	Mardin	D
63B	Langford channery silt loam, 3 to 8 percent slopes	Langford	C/D
63C	Langford channery silt loam, 8 to 15 percent slopes	Langford	C/D
63D	Langford channery silt loam, 15 to 25 percent slopes	Langford	C/D
64B	Langford-Erie channery silt loams, 3 to 8 percent slopes	Langford	C/D
64B	Langford-Erie channery silt loams, 3 to 8 percent slopes	Erie	D
66A	Lyons soils, 0 to 3 percent slopes	Lyons	C/D
66A	Lyons soils, 0 to 3 percent slopes	Lyons	C/D
68A	Volusia channery silt loam, 0 to 3 percent slopes	Volusia	D
68B	Volusia channery silt loam, 3 to 8 percent slopes	Volusia	D
68C	Volusia channery silt loam, 8 to 15 percent slopes	Volusia	D
68D	Volusia channery silt loam, 15 to 25 percent slopes	Volusia	D
69A	Erie channery silt loam, 0 to 3 percent slopes	Erie	D
69B	Erie channery silt loam, 3 to 8 percent slopes	Erie	D
69C	Erie channery silt loam, 8 to 15 percent slopes	Erie	D
71A	Darien silt loam, 0 to 3 percent slopes	Darien	C/D
71B	Darien silt loam, 3 to 8 percent slopes	Darien	C/D
71C	Darien silt loam, 8 to 15 percent slopes	Darien	C/D
72A	Darien-Illion silt loams, 0 to 3 percent slopes	Darien	C/D

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72A	Darien-Ilion silt loams, 0 to 3 percent slopes	Ilion	C/D
72B	Darien-Ilion silt loams, 3 to 8 percent slopes	Darien	C/D
72B	Darien-Ilion silt loams, 3 to 8 percent slopes	Ilion	C/D
73B	Greter silt loam, 3 to 8 percent slopes	Greter	C/D
73C	Greter silt loam, 8 to 15 percent slopes	Greter	C/D
73D	Greter channery silt loam, 15 to 25 percent slopes	Greter	C/D
76B	Orpark silt loam, 3 to 8 percent slopes	Orpark	D
76C	Orpark silt loam, 8 to 15 percent slopes	Orpark	D
76D	Orpark channery silt loam, 15 to 25 percent slopes	Orpark	D
77A	Chippewa silt loam, 0 to 3 percent slopes	Chippewa	D
77B	Chippewa silt loam, 3 to 8 percent slopes	Chippewa	D
82B	Manlius channery silt loam, 3 to 8 percent slopes	Manlius	C
82C	Manlius channery silt loam, 8 to 15 percent slopes	Manlius	C
82D	Manlius channery silt loam, 15 to 25 percent slopes	Manlius	C
91A	Palms muck, 0 to 3 percent slopes	Palms	A/D
91A	Palms muck, 0 to 3 percent slopes	Palms	A/D
92A	Carlisle muck, 0 to 3 percent slopes	Carlisle	A/D
92A	Carlisle muck, 0 to 3 percent slopes	Carlisle	A/D
93A	Edwards muck, 0 to 3 percent slopes	Edwards	C/D
93A	Edwards muck, 0 to 3 percent slopes	Edwards	C/D
94A	Martisco muck, 0 to 3 percent slopes	Martisco	C/D
94A	Martisco muck, 0 to 3 percent slopes	Martisco	C/D
95A	Saprists, 0 to 3 percent slopes, inundated	Saprists	A/D
101A	Honeoye loam, 0 to 3 percent slopes	Honeoye	C
101B	Honeoye loam, 3 to 8 percent slopes	Honeoye	C
101C	Honeoye loam, 8 to 15 percent slopes	Honeoye	C
101D	Honeoye loam, 15 to 25 percent slopes	Honeoye	C
101E	Honeoye loam, 25 to 35 percent slopes	Honeoye	C
104A	Honeoye loam, 0 to 3 percent slopes, lower clay surface	Honeoye	C
104B	Honeoye loam, 3 to 8 percent slopes, lower clay surface	Honeoye	C
104C	Honeoye loam, 8 to 15 percent slopes, lower clay surface	Honeoye	C
106B	Danley-Lansing complex, 3 to 8 percent slopes	Danley	C/D
106B	Danley-Lansing complex, 3 to 8 percent slopes	Lansing	B
107B	Conesus-Lansing complex, 3 to 8 percent slopes	Conesus	B/D
107B	Conesus-Lansing complex, 3 to 8 percent slopes	Lansing	B
108C	Lansing loam, 8 to 15 percent slopes	Lansing	B

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108D	Lansing loam, 15 to 25 percent slopes	Lansing	B
108E	Lansing loam, 25 to 35 percent slopes	Lansing	B
112B	Ontario fine sandy loam, 3 to 8 percent slopes	Ontario	C
112C	Ontario fine sandy loam, 8 to 15 percent slopes	Ontario	C
112D	Ontario fine sandy loam, 15 to 25 percent slopes	Ontario	C
112E	Ontario fine sandy loam, 25 to 35 percent slopes	Ontario	C
114B	Ontario gravelly loam, 3 to 8 percent slopes	Ontario	C
114C	Ontario gravelly loam, 8 to 15 percent slopes	Ontario	C
114D	Ontario gravelly loam, 15 to 25 percent slopes	Ontario	C
116B	Ontario loam, 3 to 8 percent slopes	Ontario	C
116C	Ontario loam, 8 to 15 percent slopes	Ontario	C
116D	Ontario loam, 15 to 25 percent slopes	Ontario	C
118F	Ontario, Honeoye, and Lansing soils, 35 to 55 percent slopes	Ontario	C
118F	Ontario, Honeoye, and Lansing soils, 35 to 55 percent slopes	Honeoye	C
118F	Ontario, Honeoye, and Lansing soils, 35 to 55 percent slopes	Lansing	B
120E	Palmyra and Howard soils, 25 to 45 percent slopes	Palmyra	B
120E	Palmyra and Howard soils, 25 to 45 percent slopes	Howard	A
122A	Palmyra cobbly loam, 0 to 3 percent slopes	Palmyra	B
122B	Palmyra cobbly loam, 3 to 8 percent slopes	Palmyra	B
124A	Palmyra fine sandy loam, 0 to 3 percent slopes	Palmyra	B
124B	Palmyra fine sandy loam, 3 to 8 percent slopes	Palmyra	B
126A	Palmyra gravelly loam, 0 to 3 percent slopes	Palmyra	B
126B	Palmyra gravelly loam, 3 to 8 percent slopes	Palmyra	B
126C	Palmyra gravelly loam, 8 to 15 percent slopes	Palmyra	B
126D	Palmyra gravelly loam, 15 to 25 percent slopes	Palmyra	B
128A	Palmyra gravelly sandy loam, 0 to 3 percent slopes	Palmyra	B
128B	Palmyra gravelly sandy loam, 3 to 8 percent slopes	Palmyra	B
128C	Palmyra gravelly sandy loam, 8 to 15 percent slopes	Palmyra	B
130A	Farmington loam, 0 to 3 percent slopes	Farmington	D
130B	Farmington loam, 3 to 8 percent slopes	Farmington	D
132A	Galoo loam, 0 to 3 percent slopes, rocky	Galoo	D
132A	Galoo loam, 0 to 3 percent slopes, rocky	Rock outcrop	
132B	Galoo loam, 3 to 8 percent slopes, rocky	Galoo	D
132B	Galoo loam, 3 to 8 percent slopes, rocky	Rock outcrop	
134A	Camillus silt loam, 0 to 3 percent slopes	Camillus	C
134B	Camillus silt loam, 3 to 8 percent slopes	Camillus	C

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
151C	Willdin-Norchip complex, 3 to 15 percent slopes	Willdin	D
151C	Willdin-Norchip complex, 3 to 15 percent slopes	Norchip	D
152B	Valois gravelly loam, 3 to 8 percent slopes	Valois	B
152C	Valois gravelly loam, 8 to 15 percent slopes	Valois	B
152D	Valois gravelly loam, 15 to 25 percent slopes	Valois	B
152E	Valois gravelly loam, 25 to 35 percent slopes	Valois	B
153B	Valois gravelly loam, cool, 3 to 8 percent slopes	Valois	B
153C	Valois gravelly loam, cool, 8 to 15 percent slopes	Valois	B
153D	Valois gravelly loam, cool, 15 to 25 percent slopes	Valois	B
153E	Valois gravelly loam, cool, 25 to 35 percent slopes	Valois	B
162B	Willdin channery silt loam, 3 to 8 percent slopes	Willdin	D
162C	Willdin channery silt loam, 8 to 15 percent slopes	Willdin	D
162D	Willdin channery silt loam, 15 to 25 percent slopes	Willdin	D
168A	Ontusia channery silt loam, 0 to 3 percent slopes	Ontusia	D
168B	Ontusia channery silt loam, 3 to 8 percent slopes	Ontusia	D
168C	Ontusia channery silt loam, 8 to 15 percent slopes	Ontusia	D
168D	Ontusia channery silt loam, 15 to 25 percent slopes	Ontusia	D
171C	Lordstown-Manlius-Towerville complex, 8 to 15 percent slopes	Lordstown	C
171C	Lordstown-Manlius-Towerville complex, 8 to 15 percent slopes	Manlius	C
171C	Lordstown-Manlius-Towerville complex, 8 to 15 percent slopes	Towerville	C/D
171D	Lordstown-Manlius-Towerville complex, 15 to 25 percent slopes, very stony	Lordstown	C
171D	Lordstown-Manlius-Towerville complex, 15 to 25 percent slopes, very stony	Manlius	C
171D	Lordstown-Manlius-Towerville complex, 15 to 25 percent slopes, very stony	Towerville	C/D
171E	Lordstown-Manlius-Towerville complex, 25 to 35 percent slopes, extremely stony	Lordstown	C
171E	Lordstown-Manlius-Towerville complex, 25 to 35 percent slopes, extremely stony	Manlius	C
171E	Lordstown-Manlius-Towerville complex, 25 to 35 percent slopes, extremely stony	Towerville	C/D
171F	Lordstown-Manlius-Towerville complex, 35 to 80 percent slopes, extremely stony	Lordstown	C
171F	Lordstown-Manlius-Towerville complex, 35 to 80 percent slopes, extremely stony	Manlius	C
171F	Lordstown-Manlius-Towerville complex, 35 to 80 percent slopes, extremely stony	Towerville	C/D
177A	Norchip silt loam, 0 to 3 percent slopes	Norchip	D
177B	Norchip silt loam, 3 to 8 percent slopes	Norchip	D
181B	Mongaup-Ischua complex, 3 to 8 percent slopes	Mongaup	C
181B	Mongaup-Ischua complex, 3 to 8 percent slopes	Ischua	D
181C	Mongaup-Ischua complex, 8 to 15 percent slopes	Mongaup	C
181C	Mongaup-Ischua complex, 8 to 15 percent slopes	Ischua	D
181D	Mongaup-Ischua complex, 15 to 25 percent slopes, very stony	Mongaup	C

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181D	Mongaup-Ischua complex, 15 to 25 percent slopes, very stony	Ischua	D
181E	Mongaup-Ischua complex, 25 to 35 percent slopes, extremely stony	Mongaup	C
181E	Mongaup-Ischua complex, 25 to 35 percent slopes, extremely stony	Ischua	D
182B	Mongaup channery loam, 3 to 8 percent slopes	Mongaup	C
182C	Mongaup channery loam, 8 to 15 percent slopes	Mongaup	C
201A	Lima loam, 0 to 3 percent slopes	Lima	C/D
201B	Lima loam, 3 to 8 percent slopes	Lima	C/D
201C	Lima loam, 8 to 15 percent slopes	Lima	C/D
204A	Lima loam, 0 to 3 percent slopes, lower clay surface	Lima	C/D
204B	Lima loam, 3 to 8 percent slopes, lower clay surface	Lima	C/D
210A	Phelps gravelly silt loam, 0 to 3 percent slopes	Phelps	B/D
210B	Phelps gravelly silt loam, 3 to 8 percent slopes	Phelps	B/D
212A	Nuhi silt loam, 0 to 3 percent slopes	Nuhi	C/D
240B	Aurora-Angola silt loams, 3 to 8 percent slopes	Aurora	D
240B	Aurora-Angola silt loams, 3 to 8 percent slopes	Angola	D
240C	Aurora-Angola silt loams, 8 to 15 percent slopes	Aurora	D
240C	Aurora-Angola silt loams, 8 to 15 percent slopes	Angola	D
240D	Aurora-Angola silt loams, 15 to 25 percent slopes	Aurora	D
240D	Aurora-Angola silt loams, 15 to 25 percent slopes	Angola	D
241B	Aurora silt loam, 3 to 8 percent slopes	Aurora	D
241C	Aurora silt loam, 8 to 15 percent slopes	Aurora	D
241D	Aurora silt loam, 15 to 25 percent slopes	Aurora	D
255B	Cazenovia silt loam, 3 to 8 percent slopes	Cazenovia	C/D
255C	Cazenovia silt loam, 8 to 15 percent slopes	Cazenovia	C/D
255D	Cazenovia silt loam, 15 to 25 percent slopes	Cazenovia	C/D
260B	Cayuga silt loam, 3 to 8 percent slopes	Cayuga	C/D
260C	Cayuga silt loam, 8 to 15 percent slopes	Cayuga	C/D
260D	Cayuga silt loam, 15 to 25 percent slopes	Cayuga	C/D
304A	Kendaia loam, 0 to 3 percent slopes	Kendaia	B/D
304B	Kendaia loam, 3 to 8 percent slopes	Kendaia	B/D
342A	Angola silt loam, 0 to 3 percent slopes	Angola	D
356A	Ovid silt loam, 0 to 3 percent slopes	Ovid	C/D
356B	Ovid silt loam, 3 to 8 percent slopes	Ovid	C/D
357B	Ovid silty clay loam, 3 to 8 percent slopes	Ovid	C/D
357C	Ovid silty clay loam, 8 to 15 percent slopes	Ovid	C/D
400A	Udorthents, loamy, 0 to 3 percent slopes	Udorthents	A

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
401D	Udorthents, refuse substratum. 0 to 25 percent slopes	Udorthents	
PG	Pits, gravel and sand	Pits	
PQ	Pits, quarry	Pits	
W	Water	Water	