

Hydrologic Soil Groups

Cattaraugus County, New York

December 2012

[This table of hydrologic soil group data will be updated on eFOTG as needed, in order to maintain consistency with the official SSURGO soil survey data.]

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
1	Udifulvents and Fluvaquents, frequently flooded	Udifulvents	A
1	Udifulvents and Fluvaquents, frequently flooded	Fluvaquents	A/D
2	Hamlin silt loam	Hamlin	B
3	Tioga silt loam	Tioga	A
4	Teel silt loam	Teel	B/D
5	Wayland silt loam	Wayland	C/D
6A	Wyalusing silt loam, 0 to 3 percent slopes	Wyalusing	B/D
7A	Philo silt loam, 0 to 3 percent slopes	Philo	B/D
8	Middlebury silt loam	Middlebury	B/D
9	Pawling silt loam	Pawling	B/D
10	Atkins silt loam	Atkins	B/D
11B	Ischua channery silt loam, 3 to 8 percent slopes	Ischua	C/D
11C	Ischua channery silt loam, 8 to 15 percent slopes	Ischua	C/D
11D	Ischua channery silt loam, 15 to 25 percent slopes	Ischua	C/D
11E	Ischua channery silt loam, 25 to 35 percent slopes	Ischua	C/D
11F	Ischua channery silt loam, 35 to 50 percent slopes	Ischua	C/D
12B	Franklinville channery silt loam, 3 to 8 percent slopes	Franklinville	B
12C	Franklinville channery silt loam, 8 to 15 percent slopes	Franklinville	B
12D	Franklinville channery silt loam, 15 to 25 percent slopes	Franklinville	B
12E	Franklinville channery silt loam, 25 to 35 percent slopes	Franklinville	B
14B	Hornellsville silt loam, 3 to 8 percent slopes	Hornellsville	D
14C	Hornellsville silt loam, 8 to 15 percent slopes	Hornellsville	D
15B	Willdin channery silt loam, 3 to 8 percent slopes	Willdin	C/D
15C	Willdin channery silt loam, 8 to 15 percent slopes	Willdin	C/D
15D	Willdin channery silt loam, 15 to 25 percent slopes	Willdin	C/D
16A	Almond silt loam, 0 to 3 percent slopes	Almond	C/D
16B	Almond silt loam, 3 to 8 percent slopes	Almond	C/D
16C	Almond silt loam, 8 to 15 percent slopes	Almond	C/D
17B	Salamanca silt loam, 3 to 8 percent slopes	Salamanca	C/D
17C	Salamanca silt loam, 8 to 15 percent slopes	Salamanca	C/D
17D	Salamanca silt loam, 15 to 25 percent slopes	Salamanca	C/D
17E	Salamanca silt loam, 25 to 35 percent slopes	Salamanca	C/D
18A	Pope fine sandy loam, 0 to 3 percent slopes	Pope	A
19A	Olean silt loam, 0 to 3 percent slopes	Olean	B/D

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
19B	Olean silt loam, 3 to 8 percent slopes	Olean	B/D
20A	Unadilla silt loam, 0 to 3 percent slopes	Unadilla	B
20B	Unadilla silt loam, 3 to 8 percent slopes	Unadilla	B
20C	Unadilla silt loam, 8 to 15 percent slopes	Unadilla	B
20D	Unadilla silt loam, 15 to 25 percent slopes	Unadilla	B
22A	Allard silt loam, 0 to 3 percent slopes	Allard	B
22B	Allard silt loam, 3 to 8 percent slopes	Allard	B
25A	Chenango gravelly silt loam, 0 to 3 percent slopes	Chenango	A
25B	Chenango gravelly silt loam, 3 to 8 percent slopes	Chenango	A
25C	Chenango gravelly silt loam, 8 to 15 percent slopes	Chenango	A
25D	Chenango gravelly silt loam, 15 to 25 percent slopes	Chenango	A
25E	Chenango gravelly silt loam, 25 to 35 percent slopes	Chenango	A
25F	Chenango gravelly silt loam, 35 to 50 percent slopes	Chenango	A
26A	Chenango channery silt loam, fan, 0 to 3 percent slopes	Chenango	A
26B	Chenango channery silt loam, fan, 3 to 8 percent slopes	Chenango	A
27A	Castile gravelly silt loam, 0 to 3 percent slopes	Castile	A/D
27B	Castile gravelly silt loam, 3 to 8 percent slopes	Castile	A/D
28A	Scio silt loam, 0 to 3 percent slopes	Scio	B/D
29A	Chenango fine gravelly sandy loam, 0 to 3 percent slopes	Chenango	A
29B	Chenango fine gravelly sandy loam, 3 to 8 percent slopes	Chenango	A
29C	Chenango fine gravelly sandy loam, 8 to 15 percent slopes	Chenango	A
29D	Chenango fine gravelly sandy loam, 15 to 25 percent slopes	Chenango	A
29E	Chenango fine gravelly sandy loam, 25 to 35 percent slopes	Chenango	A
31B	Collamer silt loam, 3 to 8 percent slopes	Collamer	C/D
31C	Collamer silt loam, 8 to 15 percent slopes	Collamer	C/D
32A	Churchville silt loam, 0 to 3 percent slopes	Churchville	C/D
32B	Churchville silt loam, 3 to 8 percent slopes	Churchville	C/D
33A	Wallington silt loam, 0 to 3 percent slopes	Wallington	D
34	Getzville silt loam	Getzville	B/D
35A	Rhinebeck silt loam, 0 to 3 percent slopes	Rhinebeck	C/D
35B	Rhinebeck silt loam, 3 to 8 percent slopes	Rhinebeck	C/D
35C	Rhinebeck silt loam, 8 to 15 percent slopes	Rhinebeck	C/D
36	Canadice silty clay loam	Canadice	D
37A	Tonawanda silt loam, 0 to 3 percent slopes	Tonawanda	C/D
37B	Tonawanda silt loam, 3 to 8 percent slopes	Tonawanda	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	Halsey silt loam, 0 to 3 percent slopes	Halsey	B/D
40A	Williamson silt loam, 0 to 3 percent slopes	Williamson	D
40B	Williamson silt loam, 3 to 8 percent slopes	Williamson	D

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
40C	Williamson silt loam, 8 to 15 percent slopes	Williamson	D
41A	Barcelona silt loam, 0 to 3 percent slopes	Barcelona	C/D
41B	Barcelona silt loam, 3 to 8 percent slopes	Barcelona	C/D
42A	Elnora fine sandy loam, 0 to 3 percent slopes	Elnora	A/D
42B	Elnora fine sandy loam, 3 to 8 percent slopes	Elnora	A/D
43	Canandaigua silt loam	Canandaigua	C/D
44	Canandaigua mucky silt loam	Canandaigua	C/D
45	Canandaigua silt loam, acid substratum	Canandaigua	C/D
46	Swormville silt loam	Swormville	C/D
47A	Minoa very fine sandy loam, 0 to 3 percent slopes	Minoa	B/D
48A	Colonie fine sandy loam, 0 to 3 percent slopes	Colonie	A
48B	Colonie fine sandy loam, 3 to 8 percent slopes	Colonie	A
48C	Colonie fine sandy loam, 8 to 15 percent slopes	Colonie	A
49A	Red Hook silt loam, 0 to 3 percent slopes	Red Hook	B/D
50A	Canaseraga silt loam, 0 to 3 percent slopes	Canaseraga	D
50B	Canaseraga silt loam, 3 to 8 percent slopes	Canaseraga	D
50C	Canaseraga silt loam, 8 to 15 percent slopes	Canaseraga	D
51B	Chadakoin channery silt loam, 3 to 8 percent slopes	Chadakoin	B
51C	Chadakoin channery silt loam, 8 to 15 percent slopes	Chadakoin	B
51D	Chadakoin channery silt loam, 15 to 25 percent slopes	Chadakoin	B
51E	Chadakoin channery silt loam, 25 to 35 percent slopes	Chadakoin	B
51F	Chadakoin channery silt loam, 35 to 50 percent slopes	Chadakoin	B
52B	Valois gravelly silt loam, 3 to 8 percent slopes	Valois	B
52C	Valois gravelly silt loam, 8 to 15 percent slopes	Valois	B
52D	Valois gravelly silt loam, 15 to 25 percent slopes	Valois	B
52E	Valois gravelly silt loam, 25 to 35 percent slopes	Valois	B
52F	Valois gravelly silt loam, 35 to 50 percent slopes	Valois	B
53C	Valois-Volusia-Mardin complex, 3 to 15 percent slopes	Valois	B
53C	Valois-Volusia-Mardin complex, 3 to 15 percent slopes	Volusia	D
53C	Valois-Volusia-Mardin complex, 3 to 15 percent slopes	Mardin	D
55A	Darien silt loam, 0 to 3 percent slopes	Darien	C/D
55B	Darien silt loam, 3 to 8 percent slopes	Darien	C/D
55C	Darien silt loam, 8 to 15 percent slopes	Darien	C/D
56B	Chautauqua silt loam, 3 to 8 percent slopes	Chautauqua	C/D
56C	Chautauqua silt loam, 8 to 15 percent slopes	Chautauqua	C/D
56D	Chautauqua silt loam, 15 to 25 percent slopes	Chautauqua	C/D
57A	Busti silt loam, 0 to 3 percent slopes	Busti	C/D
57B	Busti silt loam, 3 to 8 percent slopes	Busti	C/D
57C	Busti silt loam, 8 to 15 percent slopes	Busti	C/D
58B	Rushford channery silt loam, 3 to 8 percent slopes	Rushford	D

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
58C	Rushford channery silt loam, 8 to 15 percent slopes	Rushford	D
59B	Yorkshire channery silt loam, 3 to 8 percent slopes	Yorkshire	D
59C	Yorkshire channery silt loam, 8 to 15 percent slopes	Yorkshire	D
59D	Yorkshire channery silt loam, 15 to 25 percent slopes	Yorkshire	D
60A	Napoli silt loam, 0 to 3 percent slopes	Napoli	C/D
60B	Napoli silt loam, 3 to 8 percent slopes	Napoli	C/D
60C	Napoli silt loam, 8 to 15 percent slopes	Napoli	C/D
60D	Napoli silt loam, 15 to 25 percent slopes	Napoli	C/D
61B	Schuyler silt loam, 3 to 8 percent slopes	Schuyler	C/D
61C	Schuyler silt loam, 8 to 15 percent slopes	Schuyler	C/D
61D	Schuyler silt loam, 15 to 25 percent slopes	Schuyler	C/D
61E	Schuyler silt loam, 25 to 35 percent slopes	Schuyler	C/D
61F	Schuyler silt loam, 35 to 50 percent slopes	Schuyler	C/D
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
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
64C	Mardin channery silt loam, 8 to 15 percent slopes, very stony	Mardin	D
66B	Volusia channery silt loam, 3 to 8 percent slopes, very stony	Volusia	D
67A	Dalton silt loam, 0 to 3 percent slopes	Dalton	D
67B	Dalton silt loam, 3 to 8 percent slopes	Dalton	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
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
71E	Mongaup channery silt loam, 25 to 35 percent slopes, very stony	Mongaup	C
71F	Mongaup channery silt loam, 35 to 70 percent slopes, very stony	Mongaup	C
72B	Towerville silt loam, 3 to 8 percent slopes	Towerville	C/D
72C	Towerville silt loam, 8 to 15 percent slopes	Towerville	C/D
72D	Towerville silt loam, 15 to 25 percent slopes	Towerville	C/D
72E	Towerville silt loam, 25 to 35 percent slopes	Towerville	C/D
72F	Towerville silt loam, 35 to 50 percent slopes	Towerville	C/D
73B	Gretor channery silt loam, 3 to 8 percent slopes	Gretor	C/D
73C	Gretor channery silt loam, 8 to 15 percent slopes	Gretor	C/D
74	Ashville silt loam	Ashville	C/D
75	Alden mucky silt loam	Alden	C/D

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
76A	Orpark silt loam, 0 to 3 percent slopes	Orpark	C/D
76B	Orpark silt loam, 3 to 8 percent slopes	Orpark	C/D
76C	Orpark silt loam, 8 to 15 percent slopes	Orpark	C/D
77A	Chippewa silt loam, 0 to 3 percent slopes	Chippewa	D
78A	Hornell silt loam, 0 to 3 percent slopes	Hornell	D
78B	Hornell silt loam, 3 to 8 percent slopes	Hornell	D
78C	Hornell silt loam, 8 to 15 percent slopes	Hornell	D
78D	Hornell silt loam, 15 to 25 percent slopes	Hornell	D
78F	Hornell and Hudson soils, 35 to 50 percent slopes	Hornell	D
78F	Hornell and Hudson soils, 35 to 50 percent slopes	Hudson	C/D
79B	Mongaup channery silt loam, 3 to 8 percent slopes	Mongaup	C
79C	Mongaup channery silt loam, 8 to 15 percent slopes	Mongaup	C
79D	Mongaup channery silt loam, 15 to 25 percent slopes	Mongaup	C
79E	Mongaup channery silt loam, 25 to 35 percent slopes	Mongaup	C
79F	Mongaup channery silt loam, 35 to 70 percent slopes	Mongaup	C
80A	Fremont silt loam, 0 to 3 percent slopes	Fremont	C/D
80B	Fremont silt loam, 3 to 8 percent slopes	Fremont	C/D
80C	Fremont silt loam, 8 to 15 percent slopes	Fremont	C/D
81B	Varysburg gravelly silt loam, 3 to 8 percent slopes	Varysburg	B
81C	Varysburg gravelly silt loam, 8 to 15 percent slopes	Varysburg	B
81D	Varysburg gravelly silt loam, 15 to 25 percent slopes	Varysburg	B
81E	Varysburg gravelly silt loam, 25 to 35 percent slopes	Varysburg	B
82F	Rock outcrop-Manlius complex, 35 to 70 percent slopes	Rock outcrop	
82F	Rock outcrop-Manlius complex, 35 to 70 percent slopes	Manlius	B
84B	Elko silt loam, 3 to 8 percent slopes	Elko	C/D
84C	Elko silt loam, 8 to 15 percent slopes	Elko	C/D
85B	Onoville silt loam, 3 to 8 percent slopes	Onoville	C/D
85C	Onoville silt loam, 8 to 15 percent slopes	Onoville	C/D
85D	Onoville silt loam, 15 to 25 percent slopes	Onoville	C/D
86B	Eldred silt loam, 3 to 8 percent slopes	Eldred	C/D
86C	Eldred silt loam, 8 to 15 percent slopes	Eldred	C/D
86D	Eldred silt loam, 15 to 25 percent slopes	Eldred	C/D
87B	Shongo silt loam, 3 to 8 percent slopes	Shongo	C/D
87C	Shongo silt loam, 8 to 15 percent slopes	Shongo	C/D
88A	Ivory silt loam, 0 to 3 percent slopes	Ivory	C/D
88B	Ivory silt loam, 3 to 8 percent slopes	Ivory	C/D
88C	Ivory silt loam, 8 to 15 percent slopes	Ivory	C/D
88D	Ivory silt loam, 15 to 25 percent slopes	Ivory	C/D
89B	Portville silty clay loam, 3 to 8 percent slopes	Portville	C/D
89C	Portville silty clay loam, 8 to 15 percent slopes	Portville	C/D

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
90A	Brinkerton silt loam, 0 to 3 percent slopes	Brinkerton	C/D
90B	Brinkerton silt loam, 3 to 8 percent slopes	Brinkerton	C/D
91A	Palms muck, 0 to 2 percent slopes	Palms	B/D
92	Carlisle muck	Carlisle	A/D
93	Saprist, inundated	Saprist, inundated	B/D
94B	Frewsburg silt loam, 3 to 8 percent slopes	Frewsburg	C/D
94C	Frewsburg silt loam, 8 to 15 percent slopes	Frewsburg	C/D
95B	Mandy channery silt loam, 3 to 8 percent slopes	Mandy	C
95C	Mandy channery silt loam, 8 to 15 percent slopes	Mandy	C
95D	Mandy channery silt loam, 15 to 25 percent slopes	Mandy	C
95E	Mandy channery silt loam, 25 to 35 percent slopes	Mandy	C
95F	Mandy channery silt loam, 35 to 50 percent slopes	Mandy	C
96B	Carrollton channery silt loam, 3 to 8 percent slopes	Carrollton	C
96C	Carrollton channery silt loam, 8 to 15 percent slopes	Carrollton	C
96D	Carrollton channery silt loam, 15 to 25 percent slopes	Carrollton	C
96E	Carrollton channery silt loam, 25 to 35 percent slopes	Carrollton	C
96F	Carrollton channery silt loam, 35 to 50 percent slopes	Carrollton	C
97B	Kinzua channery silt loam, 3 to 8 percent slopes	Kinzua	B
97C	Kinzua channery silt loam, 8 to 15 percent slopes	Kinzua	B
97D	Kinzua channery silt loam, 15 to 25 percent slopes	Kinzua	B
97E	Kinzua channery silt loam, 25 to 35 percent slopes	Kinzua	B
97F	Kinzua channery silt loam, 35 to 60 percent slopes	Kinzua	B
98D	Kinzua channery silt loam, 15 to 25 percent slopes, extremely bouldery	Kinzua	B
98E	Kinzua channery silt loam, 25 to 35 percent slopes, extremely bouldery	Kinzua	B
99B	Buchanan silt loam, 3 to 8 percent slopes	Buchanan	C/D
99C	Buchanan silt loam, 8 to 15 percent slopes	Buchanan	C/D
99D	Buchanan silt loam, 15 to 25 percent slopes	Buchanan	C/D
100	Udorthents, loamy-skeletal	Udorthents	
101	Udorthents, refuse substratum	Udorthents, refuse substratum	
102C	Mandy-Rock outcrop complex, 3 to 15 percent slopes	Mandy	C
102C	Mandy-Rock outcrop complex, 3 to 15 percent slopes	Rock outcrop	
103C	Knapp Creek-Rock outcrop complex, 3 to 15 percent slopes	Knapp Creek	A
103C	Knapp Creek-Rock outcrop complex, 3 to 15 percent slopes	Rock outcrop	
104B	Flatiron loamy fine sand, 3 to 8 percent slopes, extremely bouldery	Flatiron	A
104C	Flatiron loamy fine sand, 8 to 15 percent slopes, extremely bouldery	Flatiron	A
104D	Flatiron loamy fine sand, 15 to 25 percent slopes, extremely bouldery	Flatiron	A
104E	Flatiron loamy fine sand, 25 to 35 percent slopes, extremely bouldery	Flatiron	A
108D	Hartleton channery silt loam, 15 to 25 percent slopes	Hartleton	B
108E	Hartleton channery silt loam, 25 to 35 percent slopes	Hartleton	B
108F	Hartleton channery silt loam, 35 to 50 percent slopes	Hartleton	B

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
131	Lamson very fine sandy loam	Lamson	A/D
132B	Wischoy channery silt loam, 3 to 8 percent slopes	Wischoy	D
132C	Wischoy channery silt loam, 8 to 15 percent slopes	Wischoy	D
135C	Hudson silt loam, 8 to 15 percent slopes	Hudson	C/D
135D	Hudson silt loam, 15 to 25 percent slopes	Hudson	C/D
135E	Hudson silt loam, 25 to 35 percent slope	Hudson	C/D
140D	Dunkirk silt loam, 15 to 25 percent slopes	Dunkirk	C
140E	Dunkirk silt loam, 25 to 35 percent slopes	Dunkirk	C
185C	Onoville silt loam, 8 to 15 percent slopes, extremely bouldery	Onoville	C/D
185D	Onoville silt loam, 15 to 25 percent slopes, extremely bouldery	Onoville	C/D
187B	Shongo silt loam, 3 to 8 percent slopes, extremely bouldery	Shongo	C/D
187C	Shongo silt loam, 8 to 15 percent slopes, extremely bouldery	Shongo	C/D
188B	Cavode silt loam, 3 to 8 percent slopes	Cavode	C/D
188C	Cavode silt loam, 8 to 15 percent slopes	Cavode	C/D
188D	Cavode silt loam, 15 to 25 percent slopes	Cavode	C/D
189B	Portville silty clay loam, 3 to 8 percent slopes, extremely bouldery	Portville	C/D
189C	Portville silty clay loam, 8 to 15 percent slopes, extremely bouldery	Portville	C/D
195C	Mandy channery silt loam, 3 to 15 percent slopes, extremely bouldery	Mandy	C
195D	Mandy channery silt loam, 15 to 25 percent slopes, extremely bouldery	Mandy	C
195E	Mandy channery silt loam, 25 to 50 percent slopes, extremely bouldery	Mandy	C
199C	Buchanan silt loam, 8 to 15 percent slopes, extremely bouldery	Buchanan	C/D
199D	Buchanan silt loam, 15 to 25 percent slopes, extremely bouldery	Buchanan	C/D
289B	Ceres channery silt loam, 3 to 8 percent slopes	Ceres	B
289C	Ceres channery silt loam, 8 to 15 percent slopes	Ceres	B
289D	Ceres channery silt loam, 15 to 25 percent slopes	Ceres	B
289E	Ceres channery silt loam, 25 to 35 percent slopes	Ceres	B
289F	Ceres channery silt loam, 35 to 50 percent slopes	Ceres	B
400	Wakeville silt loam	Wakeville	B/D
496B	Gilpin channery silt loam, 3 to 8 percent slopes	Gilpin	C
496C	Gilpin channery silt loam, 8 to 15 percent slopes	Gilpin	C
496D	Gilpin channery silt loam, 15 to 25 percent slopes	Gilpin	C
496E	Gilpin channery silt loam, 25 to 35 percent slopes	Gilpin	C
496F	Gilpin channery silt loam, 35 to 50 percent slopes	Gilpin	C
497D	Rayne channery silt loam, 15 to 25 percent slopes	Rayne	B
497E	Rayne channery silt loam, 25 to 35 percent slopes	Rayne	B
497F	Rayne channery silt loam, 35 to 50 percent slopes	Rayne	B
498E	Rayne channery silt loam, 25 to 35 percent slopes, extremely bouldery	Rayne	B
800	Holderton silt loam	Holderton	B/D
PG	Pits, gravel	Pits, gravel	
Ur	Urban land	Urban land	

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
W	Water	Water	