

## Hydrologic Soil Groups

Oneida County, New York

November 2015

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
1	Udifluvents-Fluvaquents complex, frequently flooded	Udifluvents	C
1	Udifluvents-Fluvaquents complex, frequently flooded	Fluvaquents	C/D
2	Hamlin silt loam	Hamlin	B
4	Wakeville silt loam, occasionally flooded	Wakeville	B/D
7	Wayland soils complex, 0 to 3 percent slopes, frequently flooded	Wayland	B/D
7	Wayland soils complex, 0 to 3 percent slopes, frequently flooded	Wayland	B/D
9	Wenonah loam	Wenonah	B
10	Otego loam	Otego	B/D
12B	Herkimer channery silt loam, 3 to 8 percent slopes	Herkimer	C
12C	Herkimer channery silt loam, 8 to 15 percent slopes	Herkimer	C
13	Fluvaquents-Borosapristis complex	Fluvaquents	C/D
13	Fluvaquents-Borosapristis complex	Borosapristis	A/D
20	Pits, sand and gravel	Pits, sand & gravel	
21	Udorthents, refuse substratum	Udorthents	C
22	Udorthents, smoothed	Udorthents	A
23	Urban land	Urban land	
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
25	Pits, quarry	Pits, quarry	
27A	Nicholville silt loam, 0 to 3 percent slopes	Nicholville	B/D
27B	Nicholville silt loam, 3 to 8 percent slopes	Nicholville	B/D
28A	Phelps silt loam, 0 to 3 percent slopes	Phelps	B/D
28B	Phelps silt loam, 3 to 8 percent slopes	Phelps	B/D
30	Fredon gravelly silt loam	Fredon	B/D
30	Fredon gravelly silt loam	Fredon	B/D
31	Halsey gravelly loam	Halsey	B/D
33A	Alton-Urban land complex, 0 to 3 percent slopes	Alton	A
33A	Alton-Urban land complex, 0 to 3 percent slopes	Urban land	
33B	Alton-Urban land complex, 3 to 8 percent slopes	Alton	A
33B	Alton-Urban land complex, 3 to 8 percent slopes	Urban land	

<b>Map Unit Symbol</b>	<b>Map Unit Name</b>	<b>Component Name</b>	<b>Hydrologic Soil Group</b>
34D	Howard and Alton gravelly loams, 15 to 25 percent slopes	Howard	A
34D	Howard and Alton gravelly loams, 15 to 25 percent slopes	Alton	A
34E	Howard and Alton gravelly loams, 25 to 45 percent slopes	Howard	A
34E	Howard and Alton gravelly loams, 25 to 45 percent slopes	Alton	A
35A	Unadilla silt loam, 0 to 3 percent slopes	Unadilla	B
35B	Unadilla silt loam, 3 to 8 percent slopes	Unadilla	B
35C	Unadilla silt loam, 8 to 15 percent slopes	Unadilla	B
36B	Salmon silt loam, 2 to 8 percent slopes	Salmon	B
38A	Chenango gravelly silt loam, 0 to 3 percent slopes	Chenango	A
38B	Chenango gravelly silt loam, 3 to 8 percent slopes	Chenango	A
38C	Chenango gravelly silt loam, 8 to 15 percent slopes	Chenango	A
38D	Chenango gravelly silt loam, 15 to 25 percent slopes	Chenango	A
38E	Chenango gravelly silt loam, 25 to 45 percent slopes	Chenango	A
39A	Knickerbocker fine sandy loam, 0 to 3 percent slopes	Knickerbocker	A
39B	Knickerbocker fine sandy loam, 3 to 8 percent slopes	Knickerbocker	A
39C	Knickerbocker fine sandy loam, 8 to 15 percent slopes	Knickerbocker	A
41	Niagara fine sandy loam	Niagara	B/D
42	Castile gravelly loam	Castile	A/D
43	Jebavy sand	Jebavy	C/D
46A	Colosse gravelly loam, 0 to 3 percent slopes	Colosse	A
46B	Colosse gravelly loam, 3 to 8 percent slopes	Colosse	A
46C	Colosse gravelly loam, 8 to 15 percent slopes	Colosse	A
46D	Colosse gravelly loam, 15 to 25 percent slopes	Colosse	A
47A	Scio silt loam, 0 to 3 percent slopes	Scio	B/D
47B	Scio silt loam, 3 to 8 percent slopes	Scio	B/D
50	Wareham loamy fine sand	Wareham	A/D
54D	Colton gravelly sandy loam, 15 to 35 percent slopes	Colton	A
55A	Adams loamy sand, 0 to 3 percent slopes	Adams	A
55B	Adams loamy sand, 3 to 8 percent slopes	Adams	A
55C	Adams loamy sand, 8 to 15 percent slopes	Adams	A
55D	Adams loamy sand, 15 to 25 percent slopes	Adams	A
55E	Adams loamy sand, 25 to 45 percent slopes	Adams	A
56B	Becket-Skerry complex, 3 to 8 percent slopes, very bouldery	Becket	C
56B	Becket-Skerry complex, 3 to 8 percent slopes, very bouldery	Skerry	B/D
56C	Becket-Skerry complex, 8 to 15 percent slopes, very bouldery	Becket	C
56C	Becket-Skerry complex, 8 to 15 percent slopes, very bouldery	Skerry	B/D

<b>Map Unit Symbol</b>	<b>Map Unit Name</b>	<b>Component Name</b>	<b>Hydrologic Soil Group</b>
57A	Croghan loamy fine sand, 0 to 3 percent slopes	Croghan	A/D
57B	Croghan loamy fine sand, 3 to 8 percent slopes	Croghan	A/D
60B	Adirondack fine sandy loam, 2 to 8 percent slopes, very bouldery	Adirondack	C/D
60B	Adirondack fine sandy loam, 2 to 8 percent slopes, very bouldery	Adirondack	C/D
61A	Schoharie silt loam, 0 to 3 percent slopes	Schoharie	D
61B	Schoharie silt loam, 3 to 8 percent slopes	Schoharie	D
61C	Schoharie silt loam, 8 to 15 percent slopes	Schoharie	D
61E	Schoharie silt loam, 20 to 40 percent slopes	Schoharie	D
62C	Becket-Tunbridge complex, 3 to 15 percent slopes, rocky, very bouldery	Becket	C
62C	Becket-Tunbridge complex, 3 to 15 percent slopes, rocky, very bouldery	Tunbridge	B
62D	Becket-Tunbridge complex, 15 to 35 percent slopes, rocky, very bouldery	Becket	C
62D	Becket-Tunbridge complex, 15 to 35 percent slopes, rocky, very bouldery	Tunbridge	B
63A	Wallington very fine sandy loam, 0 to 3 percent slopes	Wallington	D
63B	Wallington very fine sandy loam, 3 to 8 percent slopes	Wallington	D
64A	Rhinebeck silt loam, 0 to 3 percent slopes	Rhinebeck	C/D
64B	Rhinebeck silt loam, 3 to 8 percent slopes	Rhinebeck	C/D
65F	Tunbridge-Lyman complex, 35 to 60 percent slopes, very rocky	Tunbridge	B
65F	Tunbridge-Lyman complex, 35 to 60 percent slopes, very rocky	Lyman	D
68	Wakeville silt loam, rarely flooded	Wakeville	B/D
72	Canandaigua silt loam	Canandaigua	C/D
74B	Berkshire fine sandy loam, 3 to 8 percent slopes	Berkshire	B
74C	Berkshire fine sandy loam, 8 to 15 percent slopes	Berkshire	B
75	Lamson fine sandy loam	Lamson	A/D
76	Niagara silt loam	Niagara	B/D
77A	Collamer silt loam, 0 to 3 percent slopes	Collamer	C/D
77B	Collamer silt loam, 3 to 8 percent slopes	Collamer	C/D
77C	Collamer silt loam, 8 to 15 percent slopes	Collamer	C/D
77D	Collamer silt loam, 15 to 25 percent slopes	Collamer	C/D
78A	Arkport fine sandy loam, 0 to 3 percent slopes	Arkport	A
78B	Arkport fine sandy loam, 3 to 8 percent slopes	Arkport	A
78C	Arkport fine sandy loam, 8 to 15 percent slopes	Arkport	A
79A	Roundabout silt loam, 0 to 3 percent slopes	Roundabout	C/D
79B	Roundabout silt loam, 3 to 8 percent slopes	Roundabout	C/D
81A	Covert loamy sand, 0 to 3 percent slopes	Covert	A
81B	Covert loamy sand, 3 to 8 percent slopes	Covert	A
90A	Windsor loamy fine sand, 0 to 3 percent slopes	Windsor	A

<b>Map Unit Symbol</b>	<b>Map Unit Name</b>	<b>Component Name</b>	<b>Hydrologic Soil Group</b>
90B	Windsor loamy fine sand, 3 to 8 percent slopes	Windsor	A
90C	Windsor loamy fine sand, 8 to 15 percent slopes	Windsor	A
90D	Windsor loamy fine sand, 15 to 25 percent slopes	Windsor	A
90E	Windsor loamy fine sand, 25 to 55 percent slopes	Windsor	A
92	Napoleon peat	Napoleon	A/D
94	Naumburg loamy sand	Naumburg	A/D
94	Naumburg loamy sand	Naumburg	A/D
95	Carlisle muck	Carlisle	A/D
99	Greenwood peat	Greenwood	A/D
102B	Honeoye silt loam, 3 to 8 percent slopes	Honeoye	C
102C	Honeoye silt loam, 8 to 15 percent slopes	Honeoye	C
102D	Honeoye silt loam, 15 to 25 percent slopes	Honeoye	C
103B	Honeoye-Urban land complex, 2 to 8 percent slopes	Honeoye	C
103B	Honeoye-Urban land complex, 2 to 8 percent slopes	Urban land	
104E	Honeoye and Cazenovia silt loams, 25 to 45 percent slopes	Honeoye	C
104E	Honeoye and Cazenovia silt loams, 25 to 45 percent slopes	Cazenovia	C/D
109B	Cazenovia silt loam, 3 to 8 percent slopes	Cazenovia	C/D
109C	Cazenovia silt loam, 8 to 15 percent slopes	Cazenovia	C/D
109D	Cazenovia silt loam, 15 to 25 percent slopes	Cazenovia	C/D
111B	Lansing silt loam, 3 to 8 percent slopes	Lansing	B
111C	Lansing silt loam, 8 to 15 percent slopes	Lansing	B
111D	Lansing silt loam, 15 to 25 percent slopes	Lansing	B
111E	Lansing silt loam, 25 to 45 percent slopes	Lansing	B
113A	Camroden silt loam, 0 to 3 percent slopes	Camroden	D
113B	Camroden silt loam, 3 to 8 percent slopes	Camroden	D
113C	Camroden silt loam, 8 to 15 percent slopes	Camroden	D
114B	Pinckney silt loam, 3 to 8 percent slopes	Pinckney	C/D
114C	Pinckney silt loam, 8 to 15 percent slopes	Pinckney	C/D
114D	Pinckney silt loam, 15 to 25 percent slopes	Pinckney	C/D
115B	Chadakoin silt loam, 3 to 8 percent slopes	Chadakoin	B
115C	Chadakoin silt loam, 8 to 15 percent slopes	Chadakoin	B
115D	Chadakoin silt loam, 15 to 25 percent slopes	Chadakoin	B
115E	Chadakoin silt loam, 25 to 45 percent slopes	Chadakoin	B
117A	Pittsfield loam, 0 to 3 percent slopes	Pittsfield	B
117B	Pittsfield loam, 3 to 8 percent slopes	Pittsfield	B
117C	Pittsfield loam, 8 to 15 percent slopes	Pittsfield	B

<b>Map Unit Symbol</b>	<b>Map Unit Name</b>	<b>Component Name</b>	<b>Hydrologic Soil Group</b>
117D	Pittsfield loam, 15 to 25 percent slopes	Pittsfield	B
117E	Pittsfield loam, 25 to 45 percent slopes	Pittsfield	B
119B	Pyrities loam, 3 to 8 percent slopes	Pyrities	C
119C	Pyrities loam, 8 to 15 percent slopes	Pyrities	C
119D	Pyrities loam, 15 to 25 percent slopes	Pyrities	C
119E	Pyrities loam, 25 to 45 percent slopes	Pyrities	C
120C	Pyrities loam, rolling, very bouldery	Pyrities	C
121B	Worth loam, 3 to 8 percent slopes, stony	Worth	C
121C	Worth loam, 8 to 15 percent slopes, stony	Worth	C
121D	Worth loam, 15 to 25 percent slopes, stony	Worth	C
121E	Worth loam, 25 to 45 percent slopes, stony	Worth	C
126A	Lima gravelly silt loam, 0 to 3 percent slopes	Lima	C/D
126B	Lima gravelly silt loam, 3 to 8 percent slopes	Lima	C/D
126C	Lima gravelly silt loam, 8 to 15 percent slopes	Lima	C/D
133B	Empeyville loam, 3 to 8 percent slopes, stony	Empeyville	D
133C	Empeyville loam, 8 to 15 percent slopes, stony	Empeyville	D
136A	Kendaia silt loam, 0 to 3 percent slopes	Kendaia	B/D
136B	Kendaia silt loam, 3 to 8 percent slopes	Kendaia	B/D
144A	Westbury silt loam, 0 to 3 percent slopes, stony	Westbury	D
144B	Westbury silt loam, 3 to 8 percent slopes, stony	Westbury	D
146	Lyons soils, 0 to 3 percent slopes	Lyons	C/D
146	Lyons soils, 0 to 3 percent slopes	Lyons	C/D
150	Tughill mucky silt loam, stony	Tughill	C/D
151	Chippewa silt loam, 0 to 3 percent slopes	Chippewa	D
152B	Farmington silt loam, 2 to 8 percent slopes	Farmington	D
153C	Farmington-Rock outcrop complex, 8 to 15 percent slopes	Farmington	D
153C	Farmington-Rock outcrop complex, 8 to 15 percent slopes	Rock outcrop	
153D	Farmington-Rock outcrop complex, 15 to 25 percent slopes	Farmington	D
153D	Farmington-Rock outcrop complex, 15 to 25 percent slopes	Rock outcrop	
155	Dannemora gravelly fine sandy loam, stony	Dannemora	D
156B	Lairdsville silt loam, 3 to 8 percent slopes	Lairdsville	D
156C	Lairdsville silt loam, 8 to 15 percent slopes	Lairdsville	D
156E	Lairdsville silt loam, 25 to 45 percent slopes	Lairdsville	D
162B	Ischua silt loam, 3 to 8 percent slopes	Ischua	D
162C	Ischua silt loam, 8 to 15 percent slopes	Ischua	D
162D	Ischua silt loam, 15 to 25 percent slopes	Ischua	D

<b>Map Unit Symbol</b>	<b>Map Unit Name</b>	<b>Component Name</b>	<b>Hydrologic Soil Group</b>
168B	Manlius channery silt loam, 3 to 8 percent slopes	Manlius	C
168C	Manlius channery silt loam, 8 to 15 percent slopes	Manlius	C
168D	Manlius channery silt loam, 15 to 25 percent slopes	Manlius	C
168E	Manlius channery silt loam, 25 to 45 percent slopes	Manlius	C
173B	Mongaup silt loam, 3 to 8 percent slopes	Mongaup	C
173C	Mongaup silt loam, 8 to 15 percent slopes	Mongaup	C
173E	Mongaup silt loam, 25 to 45 percent slopes	Mongaup	C
176B	Nellis loam, 3 to 8 percent slopes	Nellis	C
176C	Nellis loam, 8 to 15 percent slopes	Nellis	C
176D	Nellis loam, 15 to 25 percent slopes	Nellis	C
195	Palms muck, drained	Palms	C/D
200B	Bice fine sandy loam, 3 to 8 percent slopes	Bice	B
200C	Bice fine sandy loam, 8 to 15 percent slopes	Bice	B
200D	Bice fine sandy loam, 15 to 25 percent slopes	Bice	B
200E	Bice fine sandy loam, 25 to 50 percent slopes	Bice	B
212	Adrian muck	Adrian	A/D
221B	Kalurah silt loam, 3 to 8 percent slopes	Kalurah	C/D
221C	Kalurah silt loam, 8 to 15 percent slopes	Kalurah	C/D
221D	Kalurah silt loam, 15 to 25 percent slopes	Kalurah	C/D
221E	Kalurah silt loam, 25 to 45 percent slopes	Kalurah	C/D
223A	Malone loam, 0 to 3 percent slopes	Malone	C/D
223B	Malone loam, 3 to 8 percent slopes	Malone	C/D
223C	Malone loam, 8 to 15 percent slopes	Malone	C/D
256D	Becket fine sandy loam, 15 to 35 percent slopes, very bouldery	Becket	C
260A	Ovid silt loam, 0 to 3 percent slopes	Ovid	C/D
260B	Ovid silt loam, 3 to 8 percent slopes	Ovid	C/D
267B	Greene silt loam, 3 to 8 percent slopes	Greene	D
267C	Greene silt loam, 8 to 15 percent slopes	Greene	D
269	Greene-Tuller complex	Greene	D
269	Greene-Tuller complex	Tuller	D
295	Carlisle muck, drained	Carlisle	A/D
350A	Alton gravelly loam, 0 to 3 percent slopes	Alton	A
350B	Alton gravelly loam, 3 to 8 percent slopes	Alton	A
350C	Alton gravelly loam, 8 to 15 percent slopes	Alton	A
355B	Arnot channery silt loam, 3 to 8 percent slopes	Arnot	D
372A	Appleton silt loam, 0 to 3 percent slopes	Appleton	B/D

<b>Map Unit Symbol</b>	<b>Map Unit Name</b>	<b>Component Name</b>	<b>Hydrologic Soil Group</b>
372B	Appleton silt loam, 3 to 8 percent slopes	Appleton	B/D
395	Palms muck	Palms	C/D
397	Wonsqueak muck	Wonsqueak	B/D
398	Dawson peat	Dawson	A/D
413B	Venango silt loam, 2 to 8 percent slopes	Venango	C/D
413C	Venango silt loam, 8 to 15 percent slopes	Venango	C/D
414B	Mardin loam, 3 to 8 percent slopes	Mardin	C/D
414C	Mardin loam, 8 to 15 percent slopes	Mardin	C/D
414D	Mardin loam, 15 to 25 percent slopes	Mardin	C/D
461	Marcy silt loam	Marcy	D
462	Runeberg loam	Runeberg	C/D
515A	Galway silt loam, 0 to 3 percent slopes	Galway	C
515B	Galway silt loam, 3 to 8 percent slopes	Galway	C
515C	Galway silt loam, 8 to 15 percent slopes	Galway	C
565B	Aurora silt loam, 3 to 8 percent slopes	Aurora	D
565C	Aurora silt loam, 8 to 15 percent slopes	Aurora	D
565D	Aurora silt loam, 15 to 25 percent slopes	Aurora	D
565E	Aurora silt loam, 25 to 35 percent slopes	Aurora	D
582A	Amenia silt loam, 0 to 3 percent slopes	Amenia	C/D
582B	Amenia silt loam, 3 to 8 percent slopes	Amenia	C/D
747A	Manheim silt loam, 0 to 3 percent slopes	Manheim	C/D
747B	Manheim silt loam, 3 to 8 percent slopes	Manheim	C/D
747C	Manheim silt loam, 8 to 15 percent slopes	Manheim	C/D
750B	Minoa fine sandy loam, 0 to 6 percent slopes	Minoa	B/D
790A	Conesus silt loam, 0 to 3 percent slopes	Conesus	B/D
790B	Conesus silt loam, 3 to 8 percent slopes	Conesus	B/D
790C	Conesus silt loam, 8 to 15 percent slopes	Conesus	B/D
801B	Alton gravelly loam, 3 to 8 percent slopes, cool	Alton	A
801C	Alton gravelly loam, 8 to 15 percent slopes, cool	Alton	A
802D	Howard and Alton gravelly loams, 15 to 25 percent slopes, cool	Howard	A
802D	Howard and Alton gravelly loams, 15 to 25 percent slopes, cool	Alton	A
802E	Howard and Alton gravelly loams, 25 to 45 percent slopes, cool	Howard	A
802E	Howard and Alton gravelly loams, 25 to 45 percent slopes, cool	Alton	A
804	Chippewa silt loam, stony	Chippewa	D
807A	Manheim silt loam, 0 to 3 percent slopes, cool	Manheim	C/D
807B	Manheim silt loam, 3 to 8 percent slopes, cool	Manheim	C/D

<b>Map Unit Symbol</b>	<b>Map Unit Name</b>	<b>Component Name</b>	<b>Hydrologic Soil Group</b>
807C	Manheim silt loam, 8 to 15 percent slopes, cool	Manheim	C/D
811B	Empeyville loam, 3 to 8 percent slopes, stony, warm	Empeyville	D
811C	Empeyville loam, 8 to 15 percent slopes, stony, warm	Empeyville	D
813B	Greter silt loam, 3 to 8 percent slopes	Greter	C/D
813C	Greter silt loam, 8 to 15 percent slopes	Greter	C/D
814	Greter-Torull complex	Greter	C/D
814	Greter-Torull complex	Torull	D
816B	Herkimer channery silt loam, 3 to 8 percent slopes, cool	Herkimer	C
818B	Kalurah silt loam, 3 to 8 percent slopes, warm	Kalurah	C/D
818C	Kalurah silt loam, 8 to 15 percent slopes, warm	Kalurah	C/D
818D	Kalurah silt loam, 15 to 25 percent slopes, warm	Kalurah	C/D
818E	Kalurah silt loam, 25 to 45 percent slopes, warm	Kalurah	C/D
819A	Kendaia silt loam, 0 to 3 percent slopes, cool	Kendaia	B/D
819B	Kendaia silt loam, 3 to 8 percent slopes, cool	Kendaia	B/D
823A	Malone loam, 0 to 3 percent slopes, warm	Malone	C/D
823B	Malone loam, 3 to 8 percent slopes, warm	Malone	C/D
823C	Malone loam, 8 to 15 percent slopes, warm	Malone	C/D
825B	Pinckney silt loam, 3 to 8 percent slopes, warm	Pinckney	C/D
825C	Pinckney silt loam, 8 to 15 percent slopes, warm	Pinckney	C/D
825D	Pinckney silt loam, 15 to 25 percent slopes, warm	Pinckney	C/D
831	Tughill mucky silt loam, stony, warm	Tughill	C/D
833A	Westbury silt loam, 0 to 3 percent slopes, stony, warm	Westbury	D
833B	Westbury silt loam, 3 to 8 percent slopes, stony, warm	Westbury	D
838B	Worth loam, 3 to 8 percent slopes, stony, warm	Worth	C
838C	Worth loam, 8 to 15 percent slopes, stony, warm	Worth	C
838D	Worth loam, 15 to 25 percent slopes, stony, warm	Worth	C
838E	Worth loam, 25 to 45 percent slopes, stony, warm	Worth	C
842B	Farmington silt loam, 2 to 8 percent slopes, cool	Farmington	D
843D	Farmington-Rock outcrop complex, 15 to 25 percent slopes, cool	Farmington	D
843D	Farmington-Rock outcrop complex, 15 to 25 percent slopes, cool	Rock outcrop	
845A	Galway silt loam, 0 to 3 percent slopes, cool	Galway	C
845B	Galway silt loam, 3 to 8 percent slopes, cool	Galway	C
845C	Galway silt loam, 8 to 15 percent slopes, cool	Galway	C
858A	Chenango gravelly fine sandy loam, 0 to 3 percent slopes, red substratum	Chenango	A
858B	Chenango gravelly fine sandy loam, 3 to 8 percent slopes, red substratum	Chenango	A
858C	Chenango gravelly fine sandy loam, 8 to 15 percent slopes, red substratum	Chenango	A

<b>Map Unit Symbol</b>	<b>Map Unit Name</b>	<b>Component Name</b>	<b>Hydrologic Soil Group</b>
858D	Chenango gravelly fine sandy loam, 15 to 25 percent slopes, red substratum	Chenango	A
858E	Chenango gravelly fine sandy loam, 25 to 45 percent slopes, red substratum	Chenango	A
982	Walkkill silt loam	Walkkill	B/D
W	Water	Water	