Hydrologic Soil Groups

Madison County, New York

November 2015

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
Ad	Alden mucky silt loam	Alden	C/D
AL	Alluvial land	Fluvaquents	A/D
AL	Alluvial land	Udifluvents	A
An	Angola silt loam	Angola	D
AoA	Appleton loam, 0 to 3 percent slopes	Appleton	B/D
AoB	Appleton loam, 3 to 8 percent slopes	Appleton	B/D
ArB	Arkport fine sandy loam, undulating	Arkport	A
ArC	Arkport fine sandy loam, rolling	Arkport	A
ArD	Arkport fine sandy loam, hilly	Arkport	A
AsB	Arnot channery silt loam, 3 to 8 percent slopes	Arnot	D
AsC	Arnot channery silt loam, 8 to 15 percent slopes	Arnot	D
ATF	Arnot-Lordstown complex, very steep	Arnot	D
ATF	Arnot-Lordstown complex, very steep	Lordstown	C
AuB	Aurora silt loam, 3 to 8 percent slopes	Aurora	D
AuC	Aurora silt loam, 8 to 15 percent slopes	Aurora	D
AuD	Aurora silt loam, 15 to 25 percent slopes	Aurora	D
BaB	Bath channery silt loam, 3 to 8 percent slopes	Bath	C
BaC	Bath channery silt loam, 8 to 15 percent slopes	Bath	C
BaD	Bath channery silt loam, 15 to 25 percent slopes	Bath	C
BCE	Bath soils, steep	Bath	C
BP	Borrow pits	Borrow pits	
CaB	Camillus silt loam, 3 to 8 percent slopes	Camillus	C
CaC	Camillus silt loam, 8 to 15 percent slopes	Camillus	C
Cd	Canandaigua silt loam	Canandaigua	C/D
Ce	Carlisle muck	Carlisle	A/D
CfB	Cazenovia silt loam, 3 to 8 percent slopes	Cazenovia	C
CfC	Cazenovia silt loam, 8 to 15 percent slopes	Cazenovia	C
CfC3	Cazenovia silt loam, 8 to 15 percent slopes, severely e roded	Cazenovia	C
CfD	Cazenovia silt loam, 15 to 25 percent slopes	Cazenovia	C
CFL	Cut and fill land	Udorthents	A
CgB	Chenango channery silt loam, fan, 3 to 8 percent slopes	Chenango	A

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
Ch	Chippewa silt loam, 0 to 3 percent slopes	Chippewa	D
CkA	Collamer silt loam, 0 to 3 percent slopes	Collamer	C/D
CkB	Collamer silt loam, 3 to 8 percent slopes	Collamer	C/D
CkC	Collamer silt loam, rolling	Collamer	C/D
CkD	Collamer silt loam, hilly	Collamer	C/D
ClA	Colonie loamy fine sand, 0 to 3 percent slopes	Colonie	A
ClB	Colonie loamy fine sand, undulating	Colonie	A
CoB	Conesus silt loam, 3 to 8 percent slopes	Conesus	B/D
CoC	Conesus silt loam, 8 to 15 percent slopes	Conesus	B/D
Ed	Edwards muck	Edwards	D
ElA	Elmwood fine sandy loam, 0 to 3 percent slopes	Elmwood	B
ElB	Elmwood fine sandy loam, 3 to 8 percent slopes	Elmwood	B
En	Elnora loamy fine sand	Elnora	A/D
FaB	Farmington cherty silt loam, 3 to 8 percent slopes	Farmington	D
FGC	Farmington-Wassaic-Rock outcrop complex, sloping	Farmington	D
FGC	Farmington-Wassaic-Rock outcrop complex, sloping	Wassaic	C
FGC	Farmington-Wassaic-Rock outcrop complex, sloping	Rock outcrop	
FHF	Farmington-Rock outcrop complex, very steep	Farmington	D
FHF	Farmington-Rock outcrop complex, very steep	Rock outcrop	
Fo	Fonda mucky silt loam	Fonda	C/D
Fr	Fredon silt loam	Fredon	B/D
Fr	Fredon silt loam	Fredon	B/D
GaA	Galen very fine sandy loam, 0 to 3 percent slopes	Galen	A/D
GaB	Galen very fine sandy loam, 3 to 8 percent slopes	Galen	A/D
GP	Gravel pits	Gravel pits	
Ha	Halsey silt loam	Halsey	B/D
Hb	Hamlin silt loam	Hamlin	B
HeB	Herkimer channery silt loam, 3 to 8 percent slopes	Herkimer	C
HlA	Hilton loam, 0 to 3 percent slopes	Hilton	C/D
HlB	Hilton loam, 3 to 8 percent slopes	Hilton	C/D
HnB	Honeoye silt loam, 3 to 8 percent slopes	Honeoye	C
HnC	Honeoye silt loam, 8 to 15 percent slopes	Honeoye	C
HnD	Honeoye silt loam, 15 to 25 percent slopes	Honeoye	C
HnE	Honeoye silt loam, 25 to 50 percent slopes	Honeoye	C
HOE	Honeoye-Farmington complex, steep	Honeoye	C
HOE	Honeoye-Farmington complex, steep	Farmington	D

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
HwA	Howard fine sandy loam, 0 to 3 percent slopes	Howard	B
HwB	Howard fine sandy loam, undulating	Howard	B
HxA	Howard gravelly silt loam, 0 to 3 percent slopes	Howard	B
HxB	Howard gravelly silt loam, undulating	Howard	B
HxC	Howard gravelly silt loam, rolling	Howard	B
HxD	Howard gravelly silt loam, hilly	Howard	B
LaB	Lairdsville silt loam, 3 to 8 percent slopes	Lairdsville	D
LbC	Lairdsville silty clay loam, 8 to 15 percent slopes	Lairdsville	D
LbD3	Lairdsville silty clay loam, 15 to 25 percent slopes, severely eroded	Lairdsville	D
LbE3	Lairdsville silty clay loam, 25 to 40 percent slopes, severely eroded	Lairdsville	D
Lk	Lakemont silt loam, 0 to 3 percent slopes	Lakemont	D
Lm	Lamson very fine sandy loam	Lamson	A/D
LsB	Lansing gravelly silt loam, 3 to 8 percent slopes	Lansing	B
LsC	Lansing gravelly silt loam, 8 to 15 percent slopes	Lansing	B
LsD	Lansing gravelly silt loam, 15 to 25 percent slopes	Lansing	B
LtA	Lima silt loam, 0 to 3 percent slopes	Lima	C/D
LtB	Lima silt loam, 3 to 8 percent slopes	Lima	C/D
LtC	Lima silt loam, 8 to 15 percent slopes	Lima	C/D
LuC	Lima very stony silt loam, sloping	Lima	C/D
LvA	Lockport silt loam, 0 to 3 percent slopes	Lockport	D
LvB	Lockport silt loam, 3 to 8 percent slopes	Lockport	D
LwB	Lordstown channery silt loam, 3 to 8 percent slopes	Lordstown	C
LwC	Lordstown channery silt loam, 8 to 15 percent slopes	Lordstown	C
LwD	Lordstown channery silt loam, 15 to 25 percent slopes	Lordstown	C
LXE	Lordstown-Arnot complex, steep	Lordstown	C
LXE	Lordstown-Arnot complex, steep	Arnot	D
Ly	Lyons soils, 0 to 3 percent slopes	Lyons	C/D
Ly	Lyons soils, 0 to 3 percent slopes	Lyons	C/D
MaB	Mardin channery silt loam, 3 to 8 percent slopes	Mardin	D
MaC	Mardin channery silt loam, 8 to 15 percent slopes	Mardin	D
MaD	Mardin channery silt loam, 15 to 25 percent slopes	Mardin	D
MDC	Mardin channery silt loam, sloping, very stony	Mardin	D
ML	Made land	Udorthents	A
Mo	Martisco muck	Martisco	C/D
Mr	Middlebury silt loam	Middlebury	B/D
Mt	Minoa very fine sandy loam	Minoa	B/D

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
Na	Naumburg loamy fine sand	Naumburg	A/D
Na	Naumburg loamy fine sand	Naumburg	A/D
NgA	Niagara silt loam, 0 to 3 percent slopes	Niagara	C/D
NgB	Niagara silt loam, 3 to 8 percent slopes	Niagara	C/D
Od	Odessa silt loam	Odessa	C/D
OnB	Ontario variant loam, 3 to 8 percent slopes	Ontario	C
OnC	Ontario variant loam, 8 to 15 percent slopes	Ontario	C
OvA	Ovid silt loam, 0 to 3 percent slopes	Ovid	C/D
OvB	Ovid silt loam, 3 to 8 percent slopes	Ovid	C/D
Pb	Palms muck	Palms	B/D
PgA	Palmyra gravelly loam, 0 to 3 percent slopes	Palmyra	A
PgB	Palmyra gravelly loam, undulating	Palmyra	A
PgC	Palmyra gravelly loam, rolling	Palmyra	A
PgD	Palmyra gravelly loam, hilly	Palmyra	A
PhB	Palmyra gravelly silt loam, fan, 3 to 8 percent slopes	Palmyra	A
PKC	Palmyra-Arkport complex, rolling	Palmyra	A
PKC	Palmyra-Arkport complex, rolling	Arkport	A
PKD	Palmyra-Arkport complex, hilly	Palmyra	A
PKD	Palmyra-Arkport complex, hilly	Arkport	A
PKE	Palmyra-Arkport complex, steep	Palmyra	A
PKE	Palmyra-Arkport complex, steep	Arkport	A
PME	Palmyra and Howard soils, steep	Palmyra	A
PME	Palmyra and Howard soils, steep	Howard	B
PMF	Palmyra and Howard soils, very steep	Palmyra	A
PMF	Palmyra and Howard soils, very steep	Howard	B
PpA	Phelps gravelly silt loam, 0 to 3 percent slopes	Phelps	B/D
PpB	Phelps gravelly silt loam, 3 to 8 percent slopes	Phelps	B/D
Qu	Quarries	Quarries	
Ra	Raynham silt loam	Raynham	C/D
Ra	Raynham silt loam	Raynham	C/D
ScB	Schoharie silt loam, 3 to 8 percent slopes	Schoharie	D
SdC	Schoharie silty clay loam, rolling	Schoharie	D
SdD3	Schoharie silty clay loam, hilly, severely eroded	Schoharie	D
SEE	Schoharie-Cazenovia complex, steep	Schoharie	D
SEE	Schoharie-Cazenovia complex, steep	Cazenovia	C
SgB	Stockbridge channery silt loam, 3 to 8 percent slopes	Stockbridge	C

Map Unit Symbol	Map Unit Name	Component Name	Hydrologic Soil Group
SgC	Stockbridge channery silt loam, 8 to 15 percent slopes	Stockbridge	C
SgD	Stockbridge channery silt loam, 15 to 25 percent slopes	Stockbridge	C
ShB	Stockbridge-Howard gravelly silt loams, 3 to 8 percent slopes	Stockbridge	C
ShB	Stockbridge-Howard gravelly silt loams, 3 to 8 percent slopes	Howard	B
ShC	Stockbridge-Howard gravelly silt loams, 8 to 15 percent slopes	Stockbridge	C
ShC	Stockbridge-Howard gravelly silt loams, 8 to 15 percent slopes	Howard	B
ShD	Stockbridge-Howard gravelly silt loams, 15 to 25 percent slopes	Stockbridge	C
ShD	Stockbridge-Howard gravelly silt loams, 15 to 25 percent slopes	Howard	B
Sw	Swanton fine sandy loam	Swanton	C/D
Sw	Swanton fine sandy loam	Swanton	C/D
Te	Teel silt loam	Teel	B/D
TuB	Tuller channery silt loam, 0 to 8 percent slopes	Tuller	D
TuB	Tuller channery silt loam, 0 to 8 percent slopes	Tuller	D
VoA	Volusia channery silt loam, 0 to 3 percent slopes	Volusia	D
VoB	Volusia channery silt loam, 3 to 8 percent slopes	Volusia	D
VoC	Volusia channery silt loam, 8 to 15 percent slopes	Volusia	D
W	Water	Water	
Wa	Wallkill silt loam	Wallkill	B/D
WeA	Wampsville gravelly silt loam, nearly level	Wampsville	B
WeB	Wampsville gravelly silt, undulating	Wampsville	B
WeC	Wampsville gravelly silt loam, rolling	Wampsville	B
WeD	Wampsville gravelly silt loam, hilly	Wampsville	B
Wh	Wareham loamy fine sand	Wareham	A/D
Wk	Warners mucky silt loam	Warners	D
WmA	Wassaic silt loam, 0 to 3 percent slopes	Wassaic	C
WmB	Wassaic silt loam, 3 to 8 percent slopes	Wassaic	C
WmC	Wassaic silt loam, 8 to 15 percent slopes	Wassaic	C
Wn	Wayland soils complex, 0 to 3 percent slopes, frequently flooded	Wayland	B/D
Wn	Wayland soils complex, 0 to 3 percent slopes, frequently flooded	Wayland	B/D
Wv	Weaver silt loam	Weaver	C
Ww	Willette muck	Willette	C/D