

Hydric Soil List - All Components

This table lists the map unit components and their hydric status in the survey area. This list can help in planning land uses; however, onsite investigation is recommended to determine the hydric soils on a specific site (National Research Council, 1995; Hurt and others, 2002).

The three essential characteristics of wetlands are hydrophytic vegetation, hydric soils, and wetland hydrology (Cowardin and others, 1979; U.S. Army Corps of Engineers, 1987; National Research Council, 1995; Tiner, 1985). Criteria for all of the characteristics must be met for areas to be identified as wetlands. Undrained hydric soils that have natural vegetation should support a dominant population of ecological wetland plant species. Hydric soils that have been converted to other uses should be capable of being restored to wetlands.

Hydric soils are defined by the National Technical Committee for Hydric Soils (NTCHS) as soils that formed under conditions of saturation, flooding, or ponding long enough during the growing season to develop anaerobic conditions in the upper part (Federal Register, 1994). These soils, under natural conditions, are either saturated or inundated long enough during the growing season to support the growth and reproduction of hydrophytic vegetation.

The NTCHS definition identifies general soil properties that are associated with wetness. In order to determine whether a specific soil is a hydric soil or nonhydric soil, however, more specific information, such as information about the depth and duration of the water table, is needed. Thus, criteria that identify those estimated soil properties unique to hydric soils have been established (Federal Register, 2002). These criteria are used to identify map unit components that normally are associated with wetlands. The criteria used are selected estimated soil properties that are described in "Soil Taxonomy" (Soil Survey Staff, 1999) and "Keys to Soil Taxonomy" (Soil Survey Staff, 2006) and in the "Soil Survey Manual" (Soil Survey Division Staff, 1993).

If soils are wet enough for a long enough period of time to be considered hydric, they should exhibit certain properties that can be easily observed in the field. These visible properties are indicators of hydric soils. The indicators used to make onsite determinations of hydric soils are specified in "Field Indicators of Hydric Soils in the United States" (Hurt and Vasilas, 2006).

Hydric soils are identified by examining and describing the soil to a depth of about 20 inches. This depth may be greater if determination of an appropriate indicator so requires. It is always recommended that soils be excavated and described to the depth necessary for an understanding of the redoximorphic processes. Then, using the completed soil descriptions, soil scientists can compare the soil features required by each indicator and specify which indicators have been matched with the conditions observed in the soil. The soil can be identified as a hydric soil if at least one of the approved indicators is present.

Map units that are dominantly made up of hydric soils may have small areas, or inclusions, of nonhydric soils in the higher positions on the landform, and map units dominantly made up of nonhydric soils may have inclusions of hydric soils in the lower positions on the landform.

The criteria for hydric soils are represented by codes in the table (for example, 2). Definitions for the codes are as follows:

1. All Histels except for Folistels, and Histosols except for Folists.
2. Soils in Aquic suborders, great groups, or subgroups, Albolls suborder, Historthels great group, Histoturbels great group, Pachic subgroups, or Cumulic subgroups that:
 - A. Based on the range of characteristics for the soil series, will at least in part meet one or more Field Indicators of Hydric Soils in the United States, or
 - B. Show evidence that the soil meets the definition of a hydric soil;
3. Soils that are frequently ponded for long or very long duration during the growing season.
 - A. Based on the range of characteristics for the soil series, will at least in part meet one or more Field Indicators of Hydric Soils in the United States, or
 - B. Show evidence that the soil meets the definition of a hydric soil;
4. Map unit components that are frequently flooded for long duration or very long duration during the growing season that:
 - A. Based on the range of characteristics for the soil series, will at least in part meet one or more Field Indicators of Hydric Soils in the United States, or
 - B. Show evidence that the soil meets the definition of a hydric soil;

Hydric Condition: Food Security Act information regarding the ability to grow a commodity crop without removing woody vegetation or manipulating hydrology.

References:

- Federal Register. July 13, 1994. Changes in hydric soils of the United States.
Federal Register. Doc. 2012-4733 Filed 2-28-12. February, 28, 2012. Hydric soils of the United States.
- Soil Survey Division Staff. 1993. Soil survey manual. Soil Conservation Service. U.S. Department of Agriculture Handbook 18.
- Soil Survey Staff. 1999. Soil taxonomy: A basic system of soil classification for making and interpreting soil surveys. 2nd edition. Natural Resources Conservation Service. U.S. Department of Agriculture Handbook 436.
- Soil Survey Staff. 2010. Keys to soil taxonomy. 11th edition. U.S. Department of Agriculture, Natural Resources Conservation Service.
- Vasilas, L.M., G.W. Hurt, and C.V. Noble, editors. Version 7.0, 2010. Field indicators of hydric soils in the United States.

Report—Hydric Soil List - All Components

Hydric Soil List - All Components—OH055-Geauga County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
BgB: Bogart loam, 2 to 6 percent slopes	Bogart	85	Terraces	No	—
	Jimtown	4	Terraces	—	—
	Damascus	4	Drainageways, depressions	Yes	2,3
	Chili	4	Terraces	—	—
	Glenford	3	Lake plains, terraces	—	—
BrF: Brecksville silt loam, 25 to 70 percent slopes	Brecksville	85	Hills	No	—
	Chili	4	Terraces	—	—
	Orrville	4	Flood plains	—	—
	Oshtemo	4	Terraces	—	—
	Holly	3	Drainageways	Yes	2,4
Ca: Canadice silt loam	Canadice	85	Lake plains	Yes	2,3
	Caneadea	8	Lake plains	No	—
	Fitchville	7	Lake plains, terraces	No	—
CcA: Caneadea silt loam, 0 to 2 percent slopes	Caneadea	85	Lake plains	No	—
	Canadice	8	Drainageways, depressions	Yes	2,3
	Sebring	7	Drainageways, depressions	Yes	2,3
CcB: Caneadea silt loam, 2 to 6 percent slopes	Caneadea	85	Lake plains	No	—
	Canadice	15	Drainageways, depressions	Yes	2
CdB: Canfield silt loam, 2 to 6 percent slopes	Canfield	90	Till plains	No	—
	Ravenna	10	Till plains	No	—
CdC: Canfield silt loam, 6 to 12 percent slopes	Canfield	90	Till plains	No	—
	Ravenna	10	Till plains	No	—
Cf: Carlisle muck, ponded	Carlisle	85	Bogs	Yes	1,3,4
	Walkkill	15	Bogs	Yes	1,3,4
CnA: Chili loam, 0 to 2 percent slopes	Chili	85	Terraces	No	—
	Jimtown	15	Terraces	—	—
CnB: Chili loam, 2 to 6 percent slopes	Chili	100	Terraces	No	—

Hydric Soil List - All Components--OH055-Geauga County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
CnC: Chili loam, 6 to 12 percent slopes	Chili	100	Terraces	No	—
CoC2: Chili gravelly loam, 6 to 12 percent slopes, moderately eroded	Chili	100	Terraces	No	—
	Bogart		Terraces	—	—
	Oshtemo		Terraces	—	—
CoD2: Chili gravelly loam, 12 to 18 percent slopes, eroded	Chili	100	Terraces	No	—
CpA: Chili silt loam, 0 to 2 percent slopes	Chili	100	Terraces	No	—
	Wheeling		Terraces	—	—
CpB: Chili silt loam, 2 to 6 percent slopes	Chili	100	Terraces	No	—
	Wheeling		Terraces	—	—
	moderately eroded areas		—	—	—
CyD: Chili-Oshtemo complex, 6 to 18 percent slopes	Chili	57	Terraces	No	—
	Oshtemo	28	Terraces	No	—
	50 to 70 percent gravel in the subsoil and substratum	5	—	—	—
	Sebring	5	Depressions	Yes	2,3
	Canadice	5	Depressions	Yes	2,3
CyF: Chili-Oshtemo complex, 25 to 50 percent slopes	Chili	60	Terraces	No	—
	Oshtemo	30	Terraces	No	—
	50 to 70 percent gravel in the subsoil and substratum	10	—	—	—
Da: Damascus silt loam	Damascus	85	Stream terraces	Yes	2,3
	Jimtown	8	Terraces	No	—
	Orrville	7	Flood plains	No	—
Dm: Damascus loam	Damascus	100	Flats	Yes	2
	Sebring		Terraces	Yes	2
	Olmsted		Depressions	Yes	2,3
DrA: Darien silt loam, bedrock substratum, 0 to 2 percent slopes	Darien	85	Till plains,moraines	No	—
	Poorly drained soils	15	Depressions	Yes	2
DrB: Darien silt loam, bedrock substratum, 2 to 6 percent slopes	Darien	100	Till plains,moraines	No	—

Hydric Soil List - All Components--OH055-Geauga County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
DsB: Darien-Hornell silt loams complex, 2 to 6 percent slopes	Darien	48	End moraines,ground moraines	No	—
	Hornell	42	End moraines,ground moraines	No	—
	Soils with bedrock within 10 to 20 inches	5	—	—	—
	Mill	5	End moraines,ground moraines	Yes	2
	Similar to Darien; bedrock within 60 to 80 inches		—	—	—
	Soils with less clay in subsoil similar to Hornell		—	—	—
EhB: Ellsworth silt loam, 2 to 6 percent slopes	Ellsworth	85	Till plains	No	—
	Mahoning	10	Till plains	No	—
	Trumbull	5	Till plains	Yes	2
EhB2: Ellsworth silt loam, 2 to 6 percent slopes, eroded	Ellsworth-Eroded	85	Till plains	No	—
	Mahoning-Eroded	10	Till plains	No	—
	Trumbull	5	Till plains	Yes	2
EhC: Ellsworth silt loam, 6 to 12 percent slopes	Ellsworth	90	Till plains	No	—
	Mahoning	10	Till plains	No	—
EhC2: Ellsworth silt loam, 6 to 12 percent slopes, eroded	Ellsworth-Eroded	90	Till plains	No	—
	Mahoning-Eroded	10	Till plains	No	—
EhD: Ellsworth silt loam, 12 to 18 percent slopes	Ellsworth	90	Till plains	No	—
	Mahoning	5	Till plains	No	—
	Brecksville	5	Till plains	No	—
EhD2: Ellsworth silt loam, 12 to 18 percent slopes, eroded	Ellsworth-Eroded	90	Till plains	No	—
	Brecksville-Eroded	5	Till plains	No	—
	Mahoning	5	Till plains	No	—
EhE: Ellsworth silt loam, 18 to 25 percent slopes	Ellsworth	90	Till plains	No	—
	Brecksville	10	Till plains	No	—
EhF: Ellsworth silt loam, 25 to 70 percent slopes	Ellsworth	85	Till plains	No	—
	Brecksville	15	Till plains	No	—

Hydric Soil List - All Components--OH055-Geauga County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
EmC: Ellsworth silt loam, shale substratum, 6 to 12 percent slopes	Ellsworth-Shale substratum	85	Till plains	No	—
	Mahoning	10	Till plains	No	—
	Brecksville	5	Till plains	No	—
EmD: Ellsworth silt loam, shale substratum, 12 to 18 percent slopes	Ellsworth-Shale substratum	85	Till plains	No	—
	Mahoning	10	Till plains	No	—
	Brecksville	5	Till plains	No	—
EsB: Ellsworth silt loam, sandstone substratum, 2 to 6 percent slopes	Ellsworth-Sandstone substratum	85	Till plains	No	—
	Trumbull	5	Till plains	Yes	2
	Mahoning	5	Till plains	No	—
	Loudonville	5	Till plains	No	—
FcA: Fitchville silt loam, 0 to 2 percent slopes	Fitchville	85	Lake plains,terraces	No	—
	Glenford	8	Lake plains,terraces	—	—
	Sebring	7	Drainageways,depressions	Yes	2,3
FcB: Fitchville silt loam, 2 to 6 percent slopes	Fitchville	85	Lake plains,terraces	No	—
	Glenford	8	Lake plains,terraces	—	—
	Sebring	7	Drainageways,depressions	Yes	2,3
Fr: Frenchtown silt loam	Frenchtown	100	Flats	Yes	2
	Sebring		Terraces	Yes	2
	Holly		Flood plains	Yes	2,4
GaF: Gageville silt loam, 18 to 50 percent slopes	Gageville	95	End moraines,ground moraines	No	—
	Well drained soils formed in glaciofluvial parent material	5	—	—	—
	Seasonal high water table starting at 12 to 18 inches		—	—	—
	Soils that are well drained		—	—	—
GbB: Geeburg silt loam, 2 to 6 percent slopes	Geeburg	85	Till plains,moraines	No	—
	Somewhat poorly drained soils	15	—	—	—

Hydric Soil List - All Components--OH055-Geauga County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
GbC: Geeburg silt loam, 6 to 12 percent slopes	Geeburg	85	Till plains,moraines	No	—
	Ellsworth	8	Till plains	—	—
	Somewhat poorly drained soils	7	—	—	—
GfB: Glenford silt loam, 2 to 6 percent slopes	Glenford	100	Terraces	No	—
GfC: Glenford silt loam, 6 to 12 percent slopes	Glenford	85	Terraces	No	—
	Fitchville	8	Lake plains,terraces	—	—
	Rawson	7	Outwash plains,lake plains,till plains	—	—
Ho: Holly silt loam, frequently flooded	Holly	85	Flood plains	Yes	2,4
	Orrville	15	Flood plains	No	—
HsA: Haskins loam, 0 to 2 percent slopes	Haskins	85	Lake plains,till plains	No	—
	Rawson	15	Outwash plains,lake plains,till plains	—	—
HsB: Haskins loam, 2 to 6 percent slopes	Haskins	85	Lake plains,till plains	No	—
	Rawson	15	Outwash plains,lake plains,till plains	—	—
JmA: Jimtown loam, 0 to 2 percent slopes	Jimtown	90	Terraces	No	—
	Damascus	10	Depressions	Yes	2
	Fitchville		Lake plains,terraces	—	—
JmB: Jimtown loam, 2 to 6 percent slopes	Jimtown	100	Terraces	No	—
	silt loam surface layer		—	—	—
	Fitchville		Lake plains,terraces	—	—
JtA: Jimtown silt loam, 0 to 3 percent slopes	Jimtown	85	Terraces	No	—
	Damascus	15	Depressions	Yes	2,3
LrB: Lordstown loam, 2 to 6 percent slopes	Lordstown	85	Hills	No	—
	Bedrock within 20 inches	15	—	—	—
LrC: Lordstown loam, 6 to 12 percent slopes	Lordstown	85	Hills	No	—
	Bedrock within 20 inches	15	—	—	—

Hydric Soil List - All Components--OH055-Geauga County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
LxD: Lordstown-Rock outcrop complex, 12 to 18 percent slopes	Lordstown	65	Hills	No	—
	Rock outcrop	20	—	Unranked	—
	Bedrock within 20 inches	15	—	—	—
LxF: Lordstown-Rock outcrop complex, 18 to 70 percent slopes	Lordstown	55	Hills	No	—
	Rock outcrop	35	—	Unranked	—
	Bedrock within 20 inches	10	—	—	—
LyB: Loudonville silt loam, 2 to 6 percent slopes	Loudonville	85	Hills	No	—
	Ellsworth	5	Till plains	—	—
	Rittman	5	Till plains	—	—
	Mitiwanga	5	Till plains	—	—
LyC: Loudonville silt loam, 6 to 12 percent slopes	Loudonville	85	Hills	No	—
	Ellsworth	8	Till plains	—	—
	Rittman	7	Till plains	—	—
LyC2: Loudonville silt loam, 6 to 12 percent slopes, moderately eroded	Loudonville	100	Hills	No	—
	Urban land		—	—	—
	severely eroded areas		—	—	—
MgA: Mahoning silt loam, 0 to 2 percent slopes	Mahoning	85	Till plains	No	—
	Ellsworth	5	Till plains	No	—
	Trumbull	5	Till plains	Yes	2
	Miner	5	Lake plains,till plains	Yes	2,3
MgB: Mahoning silt loam, 2 to 6 percent slopes	Mahoning	85	Till plains	No	—
	Ellsworth	10	Till plains	No	—
	Trumbull	5	Till plains	Yes	2
MgC: Mahoning silt loam, 6 to 12 percent slopes	Mahoning	85	Till plains	No	—
	Ellsworth	15	Till plains	No	—
MnB: Mitiwanga silt loam, 2 to 6 percent slopes	Mitiwanga	100	Till plains	No	—
	Mahoning		Till plains	—	—
MsA: Mahoning silt loam, shale substratum, 0 to 2 percent slopes	Mahoning-Shale substratum	85	Till plains	No	—
	Trumbull	15	Till plains	Yes	2

Hydric Soil List - All Components--OH055-Geauga County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
MsB: Mahoning silt loam, shale substratum, 2 to 6 percent slopes	Mahoning-Shale substratum	85	Till plains	No	—
	Trumbull	10	Till plains	Yes	2
	Hornell	5	Till plains	No	—
MtA: Mitiwanga silt loam, 0 to 3 percent slopes	Mitiwanga	85	Till plains	No	—
	Poorly drained soils	15	Depressions	Yes	2
MvB: Mitiwanga silt loam, moderately well drained variant, 2 to 6 percent slopes	Mitiwanga variant	100	Till plains	No	—
	Mitiwanga		Till plains	—	—
MvC: Mitiwanga silt loam, moderately well drained variant, 6 to 12 percent slopes	Mitiwanga variant	100	Till plains	No	—
	Mitiwanga		Till plains	—	—
My: Mill silt loam, 0 to 2 percent slopes	Mill	86	End moraines,ground moraines	Yes	2
	Somewhat poorly drained soils with a fragipan	7	—	No	—
	Poorly drained soils with a fragipan	5	—	—	—
	Fitchville soils with a till substratum	2	—	No	—
	Soils that are somewhat poorly drained		—	No	—
	Soils with less sand and more silt in the subsoil		—	—	—
Or: Orrville silt loam, frequently flooded	Orrville	85	Flood plains	No	—
	Holly	5	Abandoned channels, depressions	Yes	2,4
	Wabasha	5	Abandoned channels, depressions	Yes	2,3,4
	Tioga	5	Flood plains	—	—
OsB: Oshtemo sandy loam, 2 to 6 percent slopes	Oshtemo	100	Terraces	No	—
OsC: Oshtemo sandy loam, 6 to 12 percent slopes	Oshtemo	100	Terraces	No	—
Pg: Pits, gravel	Pits	100	—	Unranked	—
Pq: Pits, quarry	Pits	100	—	Unranked	—

Hydric Soil List - All Components--OH055-Geauga County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
PsA: Platea silt loam, 0 to 2 percent slopes	Platea	85	Till plains,moraines	No	—
	Sheffield	15	Depressions	Yes	2,3
PsB: Platea silt loam, 2 to 6 percent slopes	Platea	85	Till plains,moraines	No	—
	Sheffield	15	Depressions	Yes	2,3
PtA: Platea-Darien silt loams complex, 0 to 2 percent slopes	Platea	50	Ground moraines	No	—
	Darien	39	Ground moraines	No	—
	Mill	6	Ground moraines	Yes	2
	Moderately well drained; less silt & more sand; no fragipan	5	—	—	—
	Similar to Darien; less clay and more silt in subsoil		—	—	—
	Soil with clay accumulation in horizon above the fragipan		—	—	—
PtB: Platea-Darien silt loams complex, 2 to 6 percent slopes	Platea	50	End moraines,ground moraines	No	—
	Darien	39	End moraines,ground moraines	No	—
	Mill	5	Ground moraines	Yes	2
	Moderately well drained; less silt & more sand; no fragipan	6	—	—	—
	Soil with clay accumulation in horizon above the fragipan		—	—	—
	Similar to Darien; less clay and more silt in subsoil		—	—	—
ReA: Ravenna silt loam, 0 to 2 percent slopes	Ravenna	90	Till plains	No	—
	Sebring	5	Depressions	Yes	2,3
	Canfield	5	Till plains,moraines	—	—
ReB: Ravenna silt loam, 2 to 6 percent slopes	Ravenna	90	Till plains	No	—
	Sebring	5	Drainageways,depressions	Yes	2,3
	Canfield	5	Till plains,moraines	—	—

Hydric Soil List - All Components--OH055-Geauga County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
RmB: Rawson silt loam, 2 to 6 percent slopes	Rawson	85	Hills	No	—
	Haskins	15	Lake plains,till plains	—	—
RsB: Rittman silt loam, 2 to 6 percent slopes	Rittman	85	Till plains	No	—
	Wadsworth	15	Till plains	—	—
RsC: Rittman silt loam, 6 to 12 percent slopes	Rittman	90	Till plains	No	—
	Wadsworth	10	Till plains	—	—
RsC2: Rittman silt loam, 6 to 12 percent slopes, eroded	Rittman	85	Till plains	No	—
	Wadsworth	8	Till plains	—	—
	Orrville	7	Flood plains	—	—
RsD: Rittman silt loam, 12 to 18 percent slopes	Rittman	90	Till plains	No	—
	Wadsworth	10	Till plains	—	—
RsE: Rittman silt loam, 18 to 25 percent slopes	Rittman	90	Till plains	No	—
	Orrville	10	Flood plains	—	—
RsF: Rittman silt loam, 25 to 50 percent slopes	Rittman	90	Till plains	No	—
	Orrville	10	Flood plains	—	—
Sb: Sebring silt loam	Sebring	85	Terraces	Yes	2,3
	Fitchville	15	Lake plains,terraces	No	—
Sf: Sheffield silt loam	Sheffield	85	Depressions	Yes	2,3
	Platea	15	Till plains,moraines	No	—
Tg: Tioga loam, frequently flooded	Tioga	85	Flood plains	No	—
	Orrville	15	Flood plains	—	—
TrA: Trumbull silt loam, 0 to 2 percent slopes	Trumbull	90	Till plains	Yes	2
	Miner	5	Lake plains,till plains	Yes	2,3
	Mahoning	5	Till plains	No	—
Ud: Udorthents, loamy	Udorthents	100	—	No	—
Ur: Urban land	Urban land	100	—	Unranked	—
W: Water	Water	100	—	Unranked	—
Wa: Wabasha silty clay loam, ponded	Wabasha	80	Flood plains	Yes	2,3,4
	Carlisle	20	Flood plains	Yes	1,3,4
WbA: Wadsworth silt loam, 0 to 2 percent slopes	Wadsworth	85	Till plains	No	—
	Sebring	8	Depressions	Yes	2,3

Hydric Soil List - All Components--OH055-Geauga County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Rittman	7	Till plains	—	—
WbB: Wadsworth silt loam, 2 to 6 percent slopes	Wadsworth	85	Till plains	No	—
	Sebring	8	Depressions	Yes	2,3
	Rittman	7	Till plains	—	—
Wc: Walkkill silt loam, ponded	Walkkill	85	Flood plains	Yes	2,3,4
	Carlisle	8	Flood plains	Yes	1,3,4
	Canadice	7	Lake plains	Yes	2,3
Wk: Wick silt loam, 0 to 2 percent slopes, frequently flooded	Wick	89	Flood plains	Yes	2,4
	Somewhat poorly drained soils	5	—	No	—
	Willette	4	Depressions on flood plains	Yes	1,3
	Carlisle	2	Depressions on flood plains	Yes	1,3
	Soils with less silt and more sand in the subsoil		Flood plains	Yes	2,4
Wt: Willette muck, ponded	Willette	85	Bogs	Yes	1,3,4
	Walkkill	15	Flood plains, depressions on moraines	Yes	2,3,4
WuD: Wooster silt loam, 12 to 18 percent slopes	Wooster	100	Till plains, moraines	No	—

Data Source Information

Soil Survey Area: Geauga County, Ohio
 Survey Area Data: Version 15, Sep 19, 2014