

Suitable Soils for Drainage Water Management

Wisconsin



Wisconsin 309.427 Ac

Geoprocessing Procedure

Soils Spatial and Tabular data obtained from the Soil Data Mart 8/28/2011

Selection Criteria:

1. Major Components, Percent Composition > 40%
 2. Representative slope <= 1 percent
 3. Representative value of the Hydric Definition Growing Season Minimum Depth of Water Table < 18 inches depth
- Extent of Cultivated Crops obtained from the 2006 National Land Cover Dataset (NLCD), USGS.
- The soil map units selected were converted to 30 meter raster data and intersected with the reclassified Cultivated Cropland extracted from the NLCD.
- Coincident areas less than 15 acres were deleted.

1:1,750,000

Coordinate System: USGS Contiguous States Equal Area Zone 16N (1601) meters

Projection: NAD83
Datum: North American 1983
False Easting: 500000
False Northing: 0.0000
Central Meridian: -90.0000
Standard Parallel 1: 26.5208
Standard Parallel 2: 27.7558
Latitude of Origin: 40.0000
Units: Meter

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