

New York State Regulatory Freshwater Wetlands For Onondaga County (ARC Export : 2010)

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Identification_Information:

Citation:

Citation_Information:

Originator: New York State Department of Environmental Conservation (NYSDEC)

Publication_Date: 20101215

Title: New York State Regulatory Freshwater Wetlands For Onondaga County (ARC Export : 2010)

Geospatial_Data_Presentation_Form: vector digital data

Publication_Information:

Publication_Place: Albany, NY

Publisher: New York State Department of Environmental Conservation (NYSDEC)

Online_Linkage: <http://cugir.mannlib.cornell.edu/bucketinfo.jsp?id=470>

Description:

Abstract: These data are a set of ARC/INFO coverages composed of polygonal and linear features. Coverages are based on official New York State Freshwater Wetlands Maps as described in Article 24-0301 of the Environmental Conservation Law. Coverages are not, however, a legal substitute for the official maps. Coverages are available on a county basis for all areas of New York State outside the Adirondack Park. The coverage for Onondaga County incorporates the correction of a technical mapping error that appears on the official regulatory map for the boundary of wetland BRE-9 (not a remapping of the wetland).

Purpose: To provide a faithful representation of official New York State regulatory freshwater wetlands maps for GIS resource analysis at scales equal to the 1 to 24,000 scale of original mapping or smaller scales (e.g., 1 to 100,000 scale).

Supplemental_Information: Regulatory maps consist of mylar versions of New York State Department of Transportation 1 to 24,000 planimetric maps on which wetland boundaries and wetland identification codes are drawn. Planimetric maps are generally congruent with and have the same quad names as United States Geological Survey 7.5 minute topographic maps; a few of the Department of Transportation quads have extended borders. Regulatory wetland maps are prepared by NYSDEC and filed as required by the Freshwater Wetlands Act (Article 24 of the Environmental Conservation Law). Associated with the maps are Classification Sheets that list the Wetlands Identification Code, the municipality in which the wetland occurs and the regulatory class of each wetland. Preparation and filing dates vary by county. As amendments to the official maps occur, the coverages

are updated so that the GIS information reflects the regulatory maps currently in use. Archive copies of county coverages with previous versions of the official maps are kept. An important feature of the official maps is that the lines indicate only "the approximate location of the actual boundaries of the wetlands" (ECL Section 24-0301(3)). For a final determination of the actual location of a wetland it is necessary to contact the NYSDEC office for the region in which the wetland occurs. For a sample of what a county coverage looks like, see <<http://cugir.mannlib.cornell.edu/SAMPLES/001fwa.gif>> (Note: Example is for Albany County).

Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 1989

Ending_Date: Present

Currentness_Reference: Publication date per county. Coverages are updated as amendments occur, or as errors in the data are discovered and corrected. For the most recent updates to coverages by county, see the README file at <<http://cugir.mannlib.cornell.edu/READMEES/fwrme.html>>

Status:

Progress: Complete

Maintenance_and_Update_Frequency: As needed

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -076.490000

East_Bounding_Coordinate: -075.890000

North_Bounding_Coordinate: +43.270000

South_Bounding_Coordinate: +42.770000

Keywords:

Theme:

Theme_Keyword_Thesaurus: None

Theme_Keyword: Freshwater Wetlands

Theme_Keyword: Regulatory Wetlands

Theme_Keyword: NYSDEC

Theme:

Theme_Keyword_Thesaurus: LCSH

Theme_Keyword: Wetlands -- New York (State) -- Onondaga County

Theme_Keyword: Conservation of natural resources -- New York (State) -- Onondaga County

Theme:

Theme_Keyword_Thesaurus: ISO 19115 Topic Category

Theme_Keyword: environment

Theme_Keyword: inlandWaters

Theme_Keyword: planningCadastre

Place:

Place_Keyword_Thesaurus: LCSH

Place_Keyword: New York (State)

Place_Keyword: Onondaga County (N.Y.)

Access_Constraints: None

Use_Constraints: 1. The documentation in the Entity and Attribute Overview section of the metadata, and the README referred to in that section, are integral parts of the Regulatory Freshwater Wetlands data. Failure to use the documentation in conjunction with the digital data constitutes a misuse of the data. 2. The digital freshwater wetlands data provided are not a legal substitute for the official Regulatory Freshwater Wetlands maps maintained by the Department of Environmental Conservation pursuant to Environmental Conservation Law Section 24-0301. Should a discrepancy exist between the digital data and the official maps, the official maps are the correct source of information. 3. The official regulatory freshwater wetlands maps may be amended from time to time; digital data obtained at an earlier date may therefore become obsolete. Digital data also may be altered independently of official map amendments in order to make improvements. These digital data cannot be relied on as a definitive statement of the location of freshwater wetlands. Wetland boundaries are subject to delineation by Department of Environmental Conservation regional personnel. 4. The borders of wetlands shown on both the official maps and the digital data are approximate at a scale of 1 to 24,000. Traditional cartographic or digital comparison of the wetland maps to mapped information that is collected and digitized at a larger scale than 1 to 24,000 is not cartographically acceptable and is subject to error. 5. It is inappropriate to make further distributions of the data, because digital wetlands data are not official regulatory maps and are subject to change. All requests for the digital wetlands data should be referred to the Cornell University Geospatial Information Repository <<http://cugir.mannlib.cornell.edu>> or to the Habitat Inventory Unit, New York State Department of Environmental Conservation, 625 Broadway, 5th Floor, Albany, New York 12233-4754, telephone (518)402-8961.

Point_of_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Pete Gradoni

Contact_Organization: New York State Department of Environmental Conservation - Division of Fish, Wildlife and Marine Resources

Contact_Address:

Address_Type: mailing and physical address

Address: 625 Broadway, 5th Floor

City: Albany

State_or_Province: NY

Postal_Code: 12233-4754

Contact_Voice_Telephone: (518) 402-8961

Contact_Facsimile_Telephone: (518) 402-8925

Contact_Electronic_Mail_Address: pbgradon@gw.dec.state.ny.us

Hours_of_Service: 8:45AM - 4:45PM EST

Data_Quality_Information:

Attribute_Accuracy:

Attribute_Accuracy_Report: See Entity and Attribute Information

Logical_Consistency_Report: See Process Description

Completeness_Report: See Currentness Reference

Positional_Accuracy:

Horizontal_Positional_Accuracy:

Horizontal_Positional_Accuracy_Report: Wetland boundaries were delineated as "approximate" on 1 to 24,000 scale maps using a variety of methods, including aerial photographic interpretation, reference to published maps and field investigations. However, due to changes over time in the wetland resource, field verification of wetland boundaries is increasingly important. Digital wetland borders are derived from individual 1 to 24,000 quads, either by digitizing or by scanning followed by semi-automated raster to vector conversion. Quality assurance and quality control procedures included overlay of plot of digital boundaries on original source map with the condition for acceptance being no visible separation allowed between boundaries.

Lineage:

Source_Information:

Source_Citation:

Citation_Information:

Originator: New York State Department of Environmental Conservation

Publication_Date: 2010

Title: New York State Freshwater Wetlands Map

Geospatial_Data_Presentation_Form: map

Source_Scale_Denominator: 24000

Type_of_Source_Media: stable-base material

Source_Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 1984

Ending_Date: 2010

Source_Currentness_Reference: publication date

Source_Citation_Abbreviation: NYSFWW

Source_Contribution: Spatial and attribute information

Process_Step:

Process_Description: Wetland borders are derived from individual 1 to 24,000 quads, either by digitizing or by scanning followed by semi-automated raster to vector conversion. Labels are added and coded with the wetland identification and class. Annotation indicating the wetland identification code is also added. The quads comprising a county are edge matched and map joined to form a county coverage. Quadrangle borders of wetlands that cross quads are dissolved away. Where contiguous wetlands on adjacent regulatory quad sheets do not match, arcs are added along the quad border between the wetland pieces on either side of the border so that a continuous polygon is formed. Wetland class in the coverage is checked against an ASCII file derived from the official classification sheets. Class and wetland ID are added to arcs using an automated procedure that derives arc attribute values from polygon attribute values. Data are tiled as coverages showing wetlands of a single county. Detailed protocols are maintained by the Habitat Inventory Unit. For further information on related files and coverages, see the README file at <http://cugir.mannlib.cornell.edu/READMEES/fwrdme.html>

Process_Date: 2010

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Planar:

Grid_Coordinate_System:

Grid_Coordinate_System_Name: Universal Transverse Mercator

Universal_Transverse_Mercator:

UTM_Zone_Number: 18

Transverse_Mercator:

Scale_Factor_at_Central_Meridian: 0.9996

Longitude_of_Central_Meridian: -75.000000

Latitude_of_Projection_Origin: 0.000000

False_Easting: 500000

False_Northing: 0

Planar_Coordinate_Information:

Planar_Coordinate_Encoding_Method: coordinate pair

Coordinate_Representation:

Abscissa_Resolution: 0.6098

Ordinate_Resolution: 0.6098

Planar_Distance_Units: meters

Geodetic_Model:

Horizontal_Datum_Name: North American Datum of 1983

Ellipsoid_Name: Geodetic Reference System 1980

Semi-major_Axis: 6378137

Denominator_of_Flattening_Ratio: 298.25

Entity_and_Attribute_Information:

Detailed_Description:

Entity_Type:

Entity_Type_Label: Regulatory Freshwater Wetlands.

Entity_Type_Definition: ARC/INFO Coverages of New York State Regulatory Freshwater Wetlands tiled by county.

Entity_Type_Definition_Source: Official New York State Freshwater Wetland Maps as described in Article 24-0301 of the Environmental Conservation Law.

Attribute:

Attribute_Label: WETID

Attribute_Definition: The wetland identification code of the wetland. When a wetland contains included uplands, water bodies, tidal wetlands or other features, the polygon of the non-wetland feature is coded with UPL, WAT, TID or OTH, respectively, in columns 8 - 10 of this field and with the wetlands identification code of the surrounding wetland in the first 7 columns. Only the wetland identification code is a valid value for arcs. Wetlands with an extended adjacent area have an asterisk (*) directly following the wetland identification code as part of WETID. Found in PAT and AAT.

Attribute_Definition_Source: Freshwater Wetlands Mapping Technical Methods Statement. Division of Fish and Wildlife Technical Report. New York State Department of Environmental Conservation. Albany, N.Y. April, 1986. 48 pages.

Attribute_Domain_Values:

Unrepresentable_Domain: Unique ID

Attribute:

Attribute_Label: CLASS

Attribute_Definition: The regulatory class of the wetland as derived from the wetlands classification sheets. Values are 1, 2, 3, and 4 for Class I, II, III, and IV wetlands, respectively. A value of 0 is used for non-wetland features. A value of 9 is used for wetlands that do not have a class. Only non-zero values for class are valid for arcs. Found in PAT and AAT.

Attribute_Definition_Source: 6 New York Codes, Rules and Regulations, Part 664 Freshwater Wetlands Mapping and Classification Regulations

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: 1

Enumerated_Domain_Value_Definition: Class I

Enumerated_Domain_Value_Definition_Source: Classification Sheets

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: 2

Enumerated_Domain_Value_Definition: Class II

Enumerated_Domain_Value_Definition_Source: Classification Sheets

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: 3

Enumerated_Domain_Value_Definition: Class III

Enumerated_Domain_Value_Definition_Source: Classification Sheets

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: 4

Enumerated_Domain_Value_Definition: Class IV

Enumerated_Domain_Value_Definition_Source: Classification Sheets

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: 0

Enumerated_Domain_Value_Definition: non-wetland features

Enumerated_Domain_Value_Definition_Source: DEC Habitat Inventory Unit internal documentation, "Procedures for Labels in Non-wetland Polygons"

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: 9

Enumerated_Domain_Value_Definition: wetlands that do not have a class

Enumerated_Domain_Value_Definition_Source: DEC Habitat Inventory Unit internal documentation, "Procedures for Labels in Non-wetland Polygons"

Attribute:

Attribute_Label: REGU-ACRES

Attribute_Definition: The total regulatory size in acres of the wetland. This total includes all polygons associated with the wetland such as included uplands or

open water. This is the official regulatory wetland size as specified in the Freshwater Wetlands Act (ECL Section 24-0107(1)(c)). If more than one wetland in the county has the same wetland ID, this item will contain, incorrectly, the total area of all wetlands with the same wetland ID. Found in PAT.

Attribute_Definition_Source: Calculated

Attribute_Domain_Values:

Unrepresentable_Domain: calculated value

Attribute:

Attribute_Label: WETL-ACRES

Attribute_Definition: The total number of wetland acres in the wetland. This value is the sum of only the wetland polygons belonging to a wetland ID; it excludes any included uplands or open water bodies. This is an ecologically based total size, in contrast to the regulatory total given in REGU-ACRES. Found in PAT.

Attribute_Definition_Source: Calculated

Attribute_Domain_Values:

Unrepresentable_Domain: calculated value

Attribute:

Attribute_Label: REGION-ACRES

Attribute_Definition: The total number of regulated wetland acres as determined by DEC regional office staff. This item has a value only if DEC regional staff have determined a value for the size of the wetland that they consider more accurate than the value determined by the geographic information system. Regional value may be determined from wetland maps at scales larger than 1 to 24,000, from surveys, or from other means. This item may be coded as 0 for some or all of the wetlands in a county coverage if regional staff have not determined a value. Where REGION-ACRES exists, it should be considered the correct value to be used in place of REGU-ACRES. Found in PAT.

Attribute_Definition_Source: Calculated

Attribute_Domain_Values:

Unrepresentable_Domain: calculated value

Attribute:

Attribute_Label: POLY-ACRES

Attribute_Definition: The number of acres in the individual polygon.

Attribute_Definition_Source: Calculated

Attribute_Domain_Values:

Unrepresentable_Domain: calculated value

Attribute:

Attribute_Label: #_PARCELS

Attribute_Definition: The number of separate wetland polygons, or separate areas of wetland, making up the regulated wetland.

Attribute_Definition_Source: Calculated

Attribute_Domain_Values:

Unrepresentable_Domain: calculated value

Overview_Description:

Entity_and_Attribute_Overview: Data are tiled as coverages showing wetlands of a single county. Coverages are named with the first four letters of the county's name followed by WET, e.g., ALBAWET. A link to the README file is found in Detail

Citation for detailed usage notes. THESE NOTES ARE ESSENTIAL TO PROPER USE OF THE COVERAGES.

Entity_and_Attribute_Detail_Citation: See
<<http://cugir.mannlib.cornell.edu/README/fwrme.html>>

Distribution_Information:

Distributor:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: Albert R. Mann Library

Contact_Address:

Address_Type: mailing and physical

Address: Cornell University

City: Ithaca

State_or_Province: NY

Postal_Code: 14853

Contact_Voice_Telephone: (607) 255-5406

Contact_Electronic_Mail_Address: mann_ref@cornell.edu

Distribution_Liability: Cornell University provides these geographic data "as is." Cornell University makes no guarantee or warranty concerning the accuracy of information contained in the geographic data. Cornell University further makes no warranty either expressed or implied, regarding the condition of the product or its fitness for any particular purpose. The burden for determining fitness for use lies entirely with the user. Although these files have been processed successfully on computers at Cornell University, no warranty is made by Cornell University regarding the use of these data on any other system, nor does the fact of distribution constitute or imply any such warranty.

Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Format_Name: ARCE

File-Decompression_Technique: Used WinZip to archive and compress the ARC/INFO exported coverage, metadata, and documentation.

Transfer_Size: 0.6455

Digital_Transfer_Option:

Online_Option:

Computer_Contact_Information:

Network_Address:

Network_Resource_Name: [The Cornell University Geospatial Information Repository <http://cugir.mannlib.cornell.edu>](http://cugir.mannlib.cornell.edu)

Fees: None

Technical_Prerequisites: GIS software capable of using ARC/INFO Interchange Format (.e00 extension).

Metadata_Reference_Information:

Metadata_Date: 20101217

Metadata_Review_Date: 20101217

Metadata_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Pete Gradoni

Contact_Organization: New York State Department of Environmental
Conservation - Division of Fish, Wildlife and Marine Resources

Contact_Address:

Address_Type: mailing and physical address

Address: 625 Broadway, 5th Floor

City: Albany

State_or_Province: NY

Postal_Code: 12233-4754

Contact_Voice_Telephone: (518) 402-8961

Contact_Facsimile_Telephone: (518) 402-8925

Contact_Electronic_Mail_Address: pbgradon@gw.dec.state.ny.us

Hours_of_Service: 8:45AM - 4:45PM EST

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata

Metadata_Standard_Version: FGDC-STD-001-1998