SW

MAP REPORT FORM

Scale 1:100,000

Map Name: Toronto SW State(s): New York

MAP PREPARATION

Photography Used:

Emulsion	Scale	Date	Percent Coverage
1. B+W panchromatic	1:80,000	10/21/78	100%
2.			
3.			

Field Check Dates:

1. 10/1/82 (J. Stone, J. Organ)
2.
3.

Contractor(s) for Photo Interpretation:

1. Massachusetts Remote Sensing Project; Umass, Amherst + Mass.
2.
3.

Collateral Data Used:

1. U.S.G.S. Sheets
2. Niagara Co Soil survey
3.
4.
5.
6.
7.
8.

GEOGRAPHY

General Location:

North Central New York State

Longitude 79° west to 80°

Latitude 43° 30' south to 43°

Bailey's Ecoregion Classification and Description:

1. Bailey* classifies most all of this area within the Northern Hardwoods Section of the Laurentian Mixed Forest Province. This area is further described as Interior Middle Western Upland Plain. A small South-eastern corner of the work area is classified as the Beech-Maple Section of the Humid Warm-Summer Continental Division of the Interior Middle Western Upland Plain. Winters are moderately long and somewhat severe. Snow is usually on the ground all winter. Precipitation ranges from 24-45 inches annually, most of it occurring in summer. The frost free season lasts from 100-140 days.

2.

3.

4.

Hammond's Land Surface Form and Physical Subdivision:

1.

2.

3.

4.

* Bailey, Robert G. 1978 Descriptions of the Ecoregions of the United States, Forest Service, U S D A, Ogden, Utah, 77pp

SPECIAL MAPPING PROBLEMS

PROBLEM	RESOLUTION
1. Classification of Niagara River above and (a good distance) downstream from the Falls + rapids.	1. Decided (temporarily?) to call river away from Niagara Falls + rapids RZOWH - generally very wide, sometimes fairly shallow, meandering, flat topography, and all other rivers on this Ontario shoreline have been slow moving streams
2. October photography is leaves on so delineation of PFO1's difficult.	2. Using soil survey to help in decision making.

WETLAND COMMUNITIES

	MAP SYMBOLS	LOCAL NAME	DOMINANT VEGETATION	WATER REGIME
61) A	[illegible]	-	Cornus stolonifera / Aster novae angliae Cedom	[illegible]
B	PFO1	- (linear)	Salix sp. dom., Scirpus validus, Eupatorium perfoliatum, Leersia oryzoides	C
62)	PEM5	-	Typha glauca dom., Solidago sp., Carex spp.	E
63) A	R3RB2	- rapids, Falls		H
B	PSS1	- islands of	Salix sp., Populus sp.	A

USER CAUTION

The map document was prepared primarily by stereoscopic analysis of high altitude aerial photographs. Wetlands were identified on the photographs based on vegetation, visible hydrology, and geography in accordance with Classification of Wetlands and Deep Water Habitats of the United States (An Operational Draft) Cowardin, et al, 1977. The aerial photographs typically reflected conditions during the specific year and season when they were taken. In addition, there is a margin or error inherent in the use of aerial photographs. Thus a detailed on-the-ground and historical analysis of a single site may result in revision of the wetland boundaries established through photographic interpretation. In addition, some small wetlands and those obscured by dense forest cover may not be included on the map document.

Federal, State, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either design or products of this inventory, to define limits of proprietary jurisdiction of any Federal, State, or local government or to establish the geographical scope of regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, State, or local agencies concerning specific agency regulatory programs and proprietary jurisdictions that may affect such activities.

Additional information regarding this map or other National Wetland Inventory activities may be obtained by contacting:

1) Ralph W. Tiner Jr.; Regional Wetlands Coordinator, USFWS, NWI; One Gateway Center, Suite 700, Newton Corner, Mass. 02158

2) Mass. Remote Sensing Project, Dept of Forestry + Wildlife Mgmt 301 Holdsworth Hall, University of Massachusetts Amherst, Mass. 01003