MAP REPORT FORM

Scale 1:100,000

Map Name: Rochester SE State(s): New York

MAP PREPARATION

Photography Used:

Emulsion	Scale	Date	Percent Coverage
1. BtW PANCHROMATIC	1:80,000	4/16/81	53%
2. "	"	10/17/78	27%
3. "	"	4/10/81	20%
			100%

Field Check Dates:

1. September 27-29, 1982 (J. Organ and J. Stone)
2.
3.

Contractor(s) for Photo Interpretation:

1. Massachusetts Remote Sensing Project, UMASS Amherst. 01003
2.
3.

Collateral Data Used:

1. U.S.G.S. topo sheets
2. Soil sureys (Oswego and Onondaga)
3.
4.
5.
6.
7.
8.

GEOGRAPHY

General Location:

North Central New York State

Longitude 77° east to 76°

Latitude - 43° 30' South to 43°

Bailey's Ecoregion Classification and Description:

1. Bailey* classifies this area within the Northern Hardwoods section of the Laurentian Mixed Forest Province. The area is further described as
2. Interior Middle Western Upland Plain. Winters are moderately long and somewhat severe. Annual temperatures average from 35°-50°F. Snow is usually on the ground all winter. Precipitation ranges from
3. 24-45 inches annually, most of it occurring in summer. The frost free season lasts from 100-140 days.

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.

WETLAND COMMUNITIES

	MAP SYMBOLS	LOCAL NAME	DOMINANT VEGETATION	WATER REGIME
1) A.	PF04/SS1 -		Vaccinium sp., Picea mariana codom., Gaylussacia, Carex sp., Eriophorum sp., Sphagnum spp., Nemopanthus mucronata	Ba
B	PF01 -		Acer rubrum dom., Osmunda cinnamomea, Dryopteris thelypteris	E
2) A	PEM5 -		Carex stricta dom., Polygonum hydropiper, Peltandra virginica	F
B	PEM5 -		Typha sp.	F
3) A	PEM5/OW -		Typha sp., Scirpus validus, Salix sp. well mixed	F
B	PSS1 -		Salix sp. dom., Cephalanthus occidentalis, Decodon verticillatus	E
4)	PEM4/AB4 -		Ricciocarpus sp. dom., Peltandra virginica, Pontedaria cordata, Sagittaria sp., Typha angustifolia (?), Thalictrium sp.	F
5)	PEM4/5 -		Polygonum sp. / Peltandra virginica codom, Typha glauca	F
6)	PSS1 -		Cephalanthus occidentalis dom., Salix sp., Polygonum spp.	F
7)	PF01 -		Acer rubrum dom., Fraxinus nigra, Ulmus sp., Smilax sp.	E
8)	PF04/1 -		Pinus strobus / Acer rubrum codom. Onoclea sensibilis, Salix sp.	E
9)	PEM5 -		well mixed: Woodwardia virginica, Onoclea sensibilis, Osmunda regalis, Spiraea tomentosa, Typha latifolia, Brasenia sp.	Ba
10) A.	PSS3/EM5 -		well mixed: Chamaedaphne calyculata, Dulichium arundinacea, Vaccinium sp., Eriophorum sp., Sphagnum spp.	Ba
11)	PF01 -		Acer rubrum dom., Bidens sp., Osmunda cinnamomea, regalis	E
22)	PEM5 -		Typha angustifolia dom.	KFh
23)	PAB4/OW -		Lemna sp. dom., Peltandra virginica, Typha sp.	H
24)	PSS1 -		Cephalanthus occidentalis dom., Bidens sp., Lemna sp.	F
25)	PSS1 -		Salix sp. dom., Bidens sp., Peltandra virginica	F
26) A.	PAB4/OW -		Lemna sp. dom.	H
B -	PSS1 -		Cephalanthus occidentalis dom., Lemna sp., Peltandra virginica	F
27)	PSS1/EM6 -		Typha angustifolia, Cephalanthus occidentalis, Decodon verticillatus, Pontedaria cordata, Salix sp., Scirpus validus	F
28) A. -	PF01 -		Acer saccharinum dom., Impatiens capensis, Cornus sp.	E
B -	PF05/EM5 -		Lythrum salicaria dom., dead trees, Typha sp.	E
29) A+B	PAB4 -		Lemna sp. dom., Peltandra virginica, Sparganium eurycarpon,	Z
	L2AB4		Impatiens sp., Cephalanthus occidentalis, Caltha palustris	H
30)	PEM5 -		Typha sp. dom., Lythrum salicaria, Lemna sp.	Fh
31)	PEM3/5 -		Iris versicolor / Scirpus cyperinus codom, Polygonum sagittaria	E

WETLAND COMMUNITIES

	MAP SYMBOLS	LOCAL NAME	DOMINANT VEGETATION	WATER REGIME
32)	PSS5/EM5	- Typha glauca dom., dead trees under 20' tall		Fh
33)	L2AB4	- Nymphaea odorata dom., Peltandra virginica		G
34)	PEM6/5	- Lythrum salicaria dom., Typha latifolia		Fh

SPECIAL MAPPING PROBLEMS

PROBLEM	RESOLUTION
1. Fairly poor imagery - Spring is very dark, low contrast and flooded (dry soils look as wet as wetland soils). It is difficult to differentiate some dark PFO1 from PFO4, flooded EM from SS1. October is sharp, but very dry and leaves on photography - therefore it is difficult to pull out PFO1's from upland forest.	1. Using USGS base sheets for information on contours, drainages, wetland symbols. Also relying heavily on soil surveys in areas of fall photography (alot of large pieces of wetland soils).
2. How to handle locks on Erie Canal and Oswego canal? Impounded riverine?	2. Regional Headquarters suggested Lacustrine label above locks, riverine further upstream + downstream of locks.

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 Wetland Coordinator, Region 5, NWI; USFWS; One Gateway Center, Suite 700, Newton Corner, Ma. 02158

2) Massachusetts Remote Sensing Project; Forestry Dept., Holdsworth Hall; University of Massachusetts; Amherst, Mass. 01003