

WISCONSIN MAPPING BULLETIN

Volume 4 No. 4 October 1978

INFORMATION ON CARTOGRAPHIC ACTIVITIES AND AERIAL PHOTOGRAPHIC COVERAGE IN THE STATE OF WISCONSIN; PUBLISHED QUARTERLY BY THE STATE CARTOGRAPHER'S OFFICE, 144 SCIENCE HALL, MADISON, WI 53706

A. G. S. LIBRARY ARRIVES

After nearly 46 months of effort, the Library and Map Collection of the American Geographical Society has come to the UW-Milwaukee Library. The collection is the largest privately-owned library of geographical materials in the Western Hemisphere. It includes 180,000 books, 33,000 pamphlets, 350,000 maps, 5,500 atlases, 45,000 photographs and 67 rare and special globes. The acquisition of the collection will elevate the UW-Milwaukee to a major international research center in geography and the related earth sciences.

UW-Milwaukee personnel first began negotiations for the transfer in 1974. Two years later the AGS Council and the UW System Board of Regents reached an agreement giving ownership of the collection to the Board of Regents. However, legal permission to move the collection was not granted by the New York Supreme Court until late July 1978.

The AGS will remain headquartered in New York with a telephone tie-in to Milwaukee. Current Geographical Publications will be published and distributed by the UW-Milwaukee Library.

It is hoped the map collection will be open early in 1979 and the book collection by midyear.



W. G. S. MAP SALES

The Wisconsin Geological Survey has expanded its quarters at 1815 University Avenue in Madison. The Map Sales Office is now located in the basement in room 113B where the ever-increasing map load will be of no threat to the floor supports. Sales will continue to be handled by cheerful Kathie Zwieter. The phone number remains unchanged: (606) 263-7389.

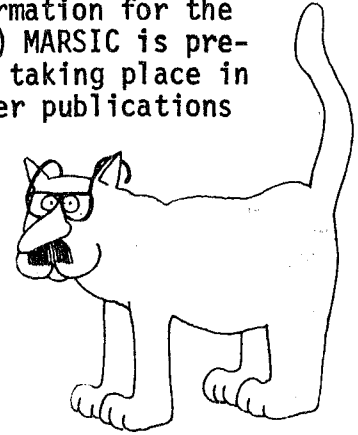


Map Sales

MARSIC CREATED

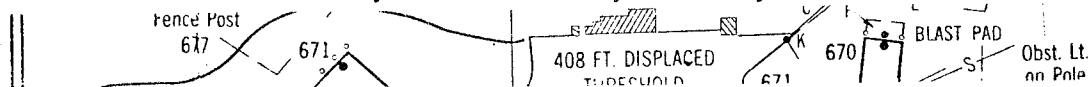
The 1977 session of the Minnesota State Legislature created the Land Management Information Center within the State Planning Agency. LMIC was established to coordinate Minnesota's natural resource information and sources. LMIC is organized into three sections: the Minnesota Land Management Information System (MLMIS), the Planning Analysis Service (PLANS), and the Mapping and Remote Sensing Information Center (MARSIC). MARSIC's function is to centralize mapping and remote sensing information for the state. During the first biennium of operation (1977-1978) MARSIC is preparing inventories of mapping and remote sensing programs taking place in Minnesota and distributing catalogs, newsletters, and other publications about these programs to interested parties.

Minnesota State Planning Agency
Land Management Information Center
15 Capitol Square Building
St. Paul, Minnesota 55101
(612) 296-1211



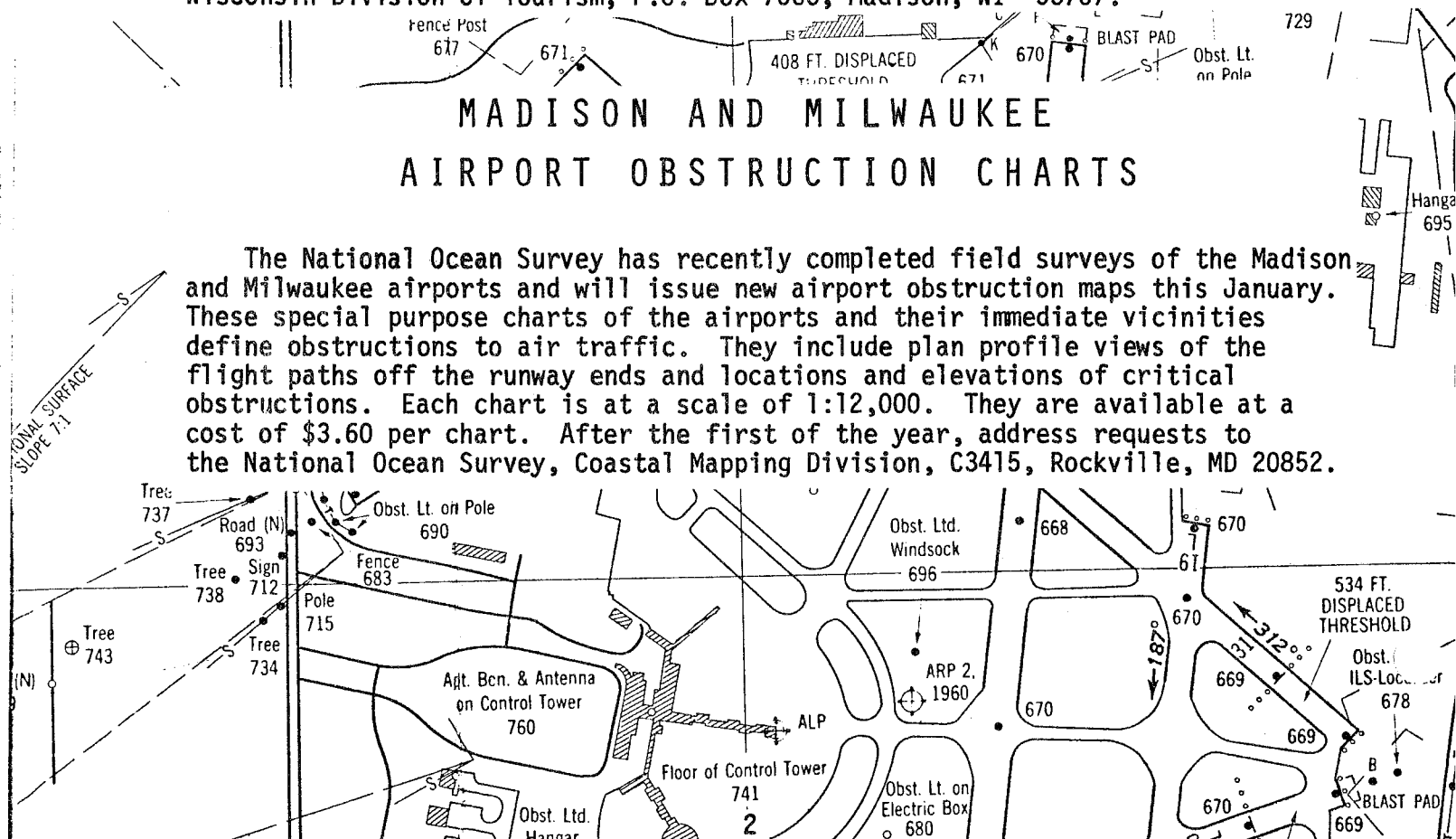
BIKEWAY MAP AND GUIDE

The Wisconsin bikeway stretches 300 miles from La Crosse to Lake Michigan. The route is depicted on an overview map and on 12 individual strip maps at an average scale of 1 inch equals 5 miles. This amounts to about one day's ride. The map is designed to be folded to fit under the map window of a handlebar bag. Wisconsin Bikeway Map and Guide is available free from the Wisconsin Division of Tourism, P.O. Box 7606, Madison, WI 53707.



MADISON AND MILWAUKEE AIRPORT OBSTRUCTION CHARTS

The National Ocean Survey has recently completed field surveys of the Madison and Milwaukee airports and will issue new airport obstruction maps this January. These special purpose charts of the airports and their immediate vicinities define obstructions to air traffic. They include plan profile views of the flight paths off the runway ends and locations and elevations of critical obstructions. Each chart is at a scale of 1:12,000. They are available at a cost of \$3.60 per chart. After the first of the year, address requests to the National Ocean Survey, Coastal Mapping Division, C3415, Rockville, MD 20852.



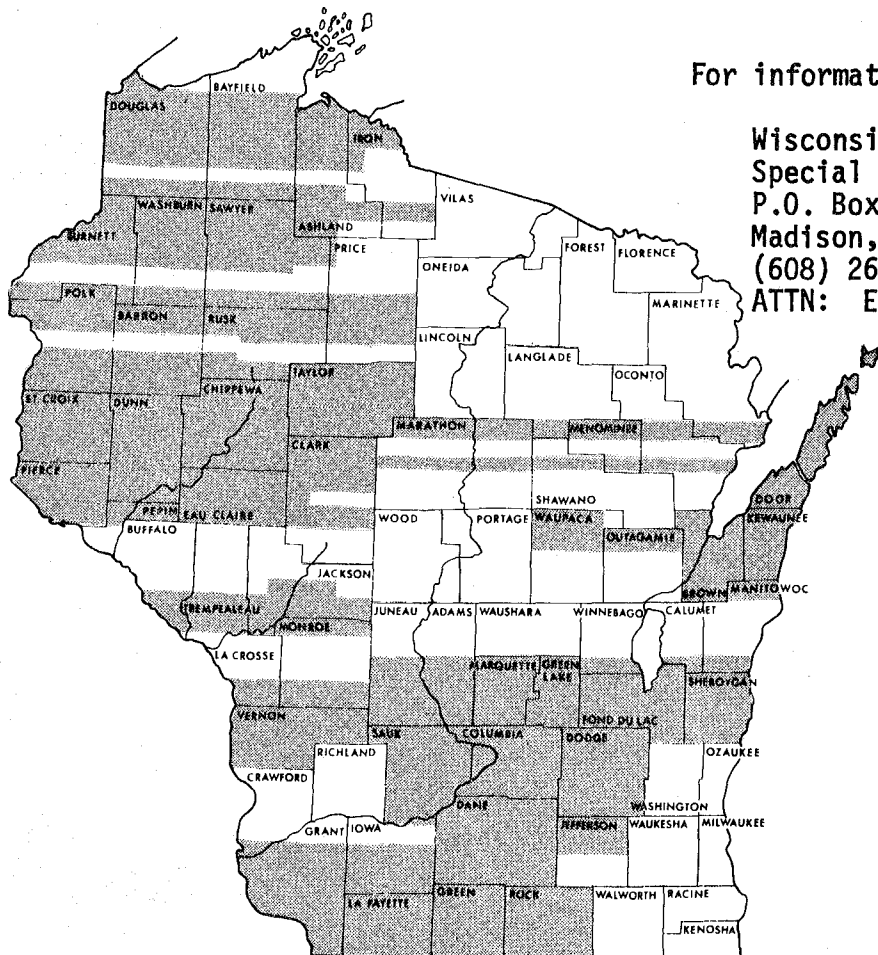
UNIFIED AERIAL PHOTOGRAPHY PROGRAM

The areas indicated have been photographed during this '78 flying season (*Bulletin, v. 4, no. 3, p. 1*). The Dept. of Transportation will furnish the following products as soon as the photography can be processed. However, because of the great quantity involved, processing will take many months.

Products Now Available (*Additional products will be available later.*)

Contact print, 1:20,000 (1" = 1667') 9" x 9" photographic paper	\$2.20*
Diazo, half-toned print, 1:4,800 (1" = 400') 30" x 30"	\$1.00*
Enlarged, screened film positive 1:4,800 (1" = 400') 30" x 30"	\$15.00*
Handling Charge Per Order	\$1.00
Mailing Charge Per Order (<i>except for pick up</i>)	\$1.00

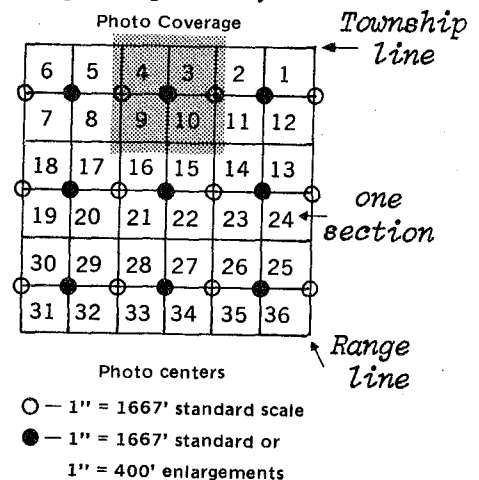
**all sales subject to state sales tax*



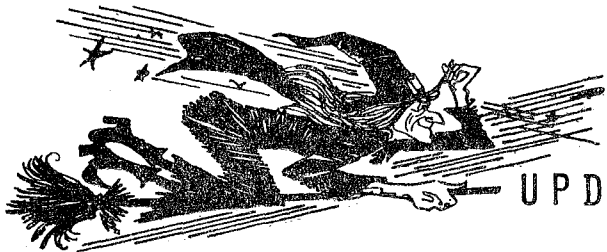
For information and ordering contact:

Wisconsin Dept. of Transportation
Special Services Section
P.O. Box 7916
Madison, WI 53707
(608) 266-0076
ATTN: Ed Hughes

Typical Flightline Layout



Status of unedited photography — Sept. 29, 1978



UPDATES

LAND RECORDS COST PROJECT (*reference v. 4, no. 1, p. 2*)

A copy of this report is now available upon request from the Office of Program and Management Analysis, Dept. of Administration, 1 West Wilson, Madison, Wisconsin 53702.

SECTION CORNER RETRACEMENT (*reference v. 4, no. 3, p. 5*)

The Dept. of Administration and the Institute for Environmental Studies, UW-Madison, are finalizing the section corner retracement study. Upon completion, the study will be used to determine if legislative action should be introduced for the next biennium budget.

1:250,000 TOPO REVISION (*reference v. 4, no. 3, p. 3*)

The latest word from U.S.G.S. in Reston is the Eau Claire 1:250,000 map is scheduled for printing in January 1979 at the earliest.

SOIL SURVEYS (*reference v. 4, no. 3, p. 3; no. 1, p. 5*)

Modern soil surveys are now available for ST. CROIX and COLUMBIA counties. Contact the County Soil Conservation Service for more information.

SHORELINE USE MAPS (*reference v. 4, no. 2, p. 7*)

The D.N.R. Shoreline Use Maps are now available from the Wisconsin Geological Survey Map Sales Office and not from the D.N.R. These 5-color maps depict 4 categories of shoreline use for all state streams, rivers and lakes. They are at a scale of 1:250,000. The maps are \$1 each or \$4 for the complete set of 5.

EARLY VEGETATION MAP (*reference v. 3, no. 3, p. 1*)

Prof. Robert Finley's map is in the process of being printed. The Wisconsin Geological Survey will be the state distributor for this U.S. Forest Service map.

COUNTY CARTOGRAPHIC CATALOGS (*reference v. 4, no. 3, p. 4*)

A total of 9 counties now have draft catalogs available. The 4 recently issued catalogs are: IOWA, JEFFERSON, RACINE and WASHINGTON.

MID-CONTINENT MAPPING CONFERENCE

The U.S. Geological Survey Mid-Continent Mapping Center at Rolla, Missouri hosted a 14-state mapping conference from October 2 through 5. The states attending were Arkansas, Illinois, Iowa, Kansas, Louisiana, Michigan, Minnesota, Mississippi, Missouri, Nebraska, North Dakota, Oklahoma, South Dakota, and Wisconsin. Wisconsin was represented by Dr. Meredith "Buzz" Ostrom, State Geologist, Mr. Vern Schultz, Dept. of Transportation, Engineering Services, & Art Ziegler, State Cartographer. The conference was an effort by the Topographic Division of the Geological Survey to solicit comments from the states on the direction of future mapping efforts and to explain current national mapping policy and direction. The January Bulletin will report on the results of the conference.



NEW PRODUCTION FROM U.S. GEOLOGICAL SURVEY

These newly published 7½' topographic quadrangle maps (1:24,000) are listed by their location on the superseded 15' topographic map of the area. They are available from the Wisconsin Geological Survey, 1815 University Ave., Madison, Wisconsin 53706 (608) 263-7389. Topographic quadrangles \$1.50; orthophotoquads 50¢.

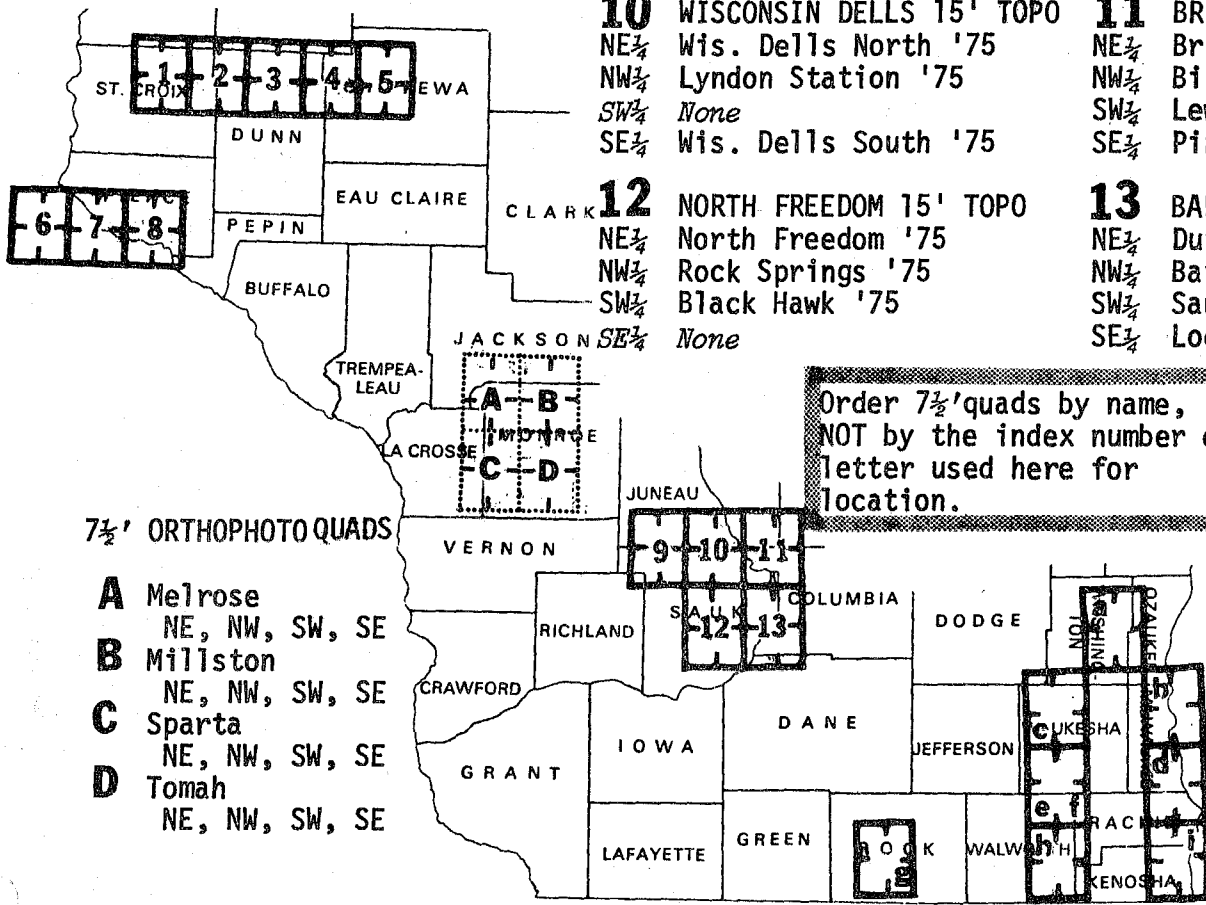
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|--|---|---|
| <p>1 DEER PARK 15' TOPO
NE¼ Forest '75
NW¼ Deer Park '75
SW¼ Jewett '75
SE¼ Emerald '75</p> | <p>2 DOWNING 15' TOPO
NE¼ Connorsville '75
NW¼ Graytown '75
SW¼ Glenwood City '75
SE¼ Boyceville '75</p> | <p>3 RIDGELAND 15' TOPO
NE¼ Ridgeland NE '75
NW¼ Ridgeland '75
SW¼ None
SE¼ Norton '75</p> |
|--|---|---|

- | | | |
|---|---|---|
| <p>4 NEW AUBURN 15' TOPO
NE¼ New Auburn '75
NW¼ Sand Creek '75
SW¼ Colfax North '75
SE¼ Como Creek '75</p> | <p>5 BLOOMER 15' TOPO
NE¼ Bob Lake '75
NW¼ Marsh-Miller Lake '75
SW¼ Bloomer '75
SE¼ Jim Falls '75</p> | <p>6 HASTINGS 15' TOPO
NE¼ Hastings '74
NW¼ None
SW¼ None
SE¼ None</p> |
|---|---|---|

- | | | |
|---|---|---|
| <p>7 RED WING 15' TOPO
NE¼ Diamond Bluff East '74
NW¼ Diamond Bluff West '74
SW¼ None
SE¼ Red Wing '74</p> | <p>8 MAIDEN ROCK 15' TOPO
NE¼ Waverly '74
NW¼ Ellsworth '75
SW¼ Bay City '74
SE¼ Maiden Rock '74</p> | <p>9 REEDSBURG 15' TOPO
NE¼ None
NW¼ Wonewoc '75
SW¼ La Valle '75
SE¼ Reedsburg West '75</p> |
|---|---|---|

- | | |
|---|---|
| <p>10 WISCONSIN DELLS 15' TOPO
NE¼ Wis. Dells North '75
NW¼ Lyndon Station '75
SW¼ None
SE¼ Wis. Dells South '75</p> | <p>11 BRIGGSVILLE 15' TOPO
NE¼ Briggsville '75
NW¼ Big Spring '75
SW¼ Lewiston '75
SE¼ Pine Island '75</p> |
|---|---|

- | | |
|--|--|
| <p>12 NORTH FREEDOM 15' TOPO
NE¼ North Freedom '75
NW¼ Rock Springs '75
SW¼ Black Hawk '75
SE¼ None</p> | <p>13 BARABOO 15' TOPO
NE¼ Durwoods Glen '75
NW¼ Baraboo '75
SW¼ Sauk City '75
SE¼ Lodi '75</p> |
|--|--|



7½' ORTHOPHOTO QUADS

- A** Melrose
NE, NW, SW, SE
- B** Millston
NE, NW, SW, SE
- C** Sparta
NE, NW, SW, SE
- D** Tomah
NE, NW, SW, SE

1976 PHOTOREVISED
7½' TOPO QUADS

- a** West Bend
- b** Thiensville
- c** Oconomowoc East
- d** Greendale
- e** East Troy
- f** Mukwonago
- g** Beloit
- h** Springfield
- i** Racine South

15' topographic quad
(7½' divisions indicated)





15' orthophotoquad
(7½' divisions indicated)

U. S. D. A. PHOTOGRAPHY

A.S.C.S.

The Agricultural Stabilization and Conservation Service has acquired black-and-white aerial photography at a scale of 1:40,000 over these counties in 1978:

Clark	Marathon	Richland	Vilas
Columbia	Marinette	Rock	Wood
Florence	Oneida	Sauk	
Forest	Portage	Sheboygan	

	ASCS flown
	ASCS planned
	SCS flown
	SCS planned

At this time none of the above has been officially accepted. Similar photography is planned for:

Barron	Milwaukee
Chippewa	Racine
Jefferson	Walworth
Kenosha	Waukesha

S.C.S.

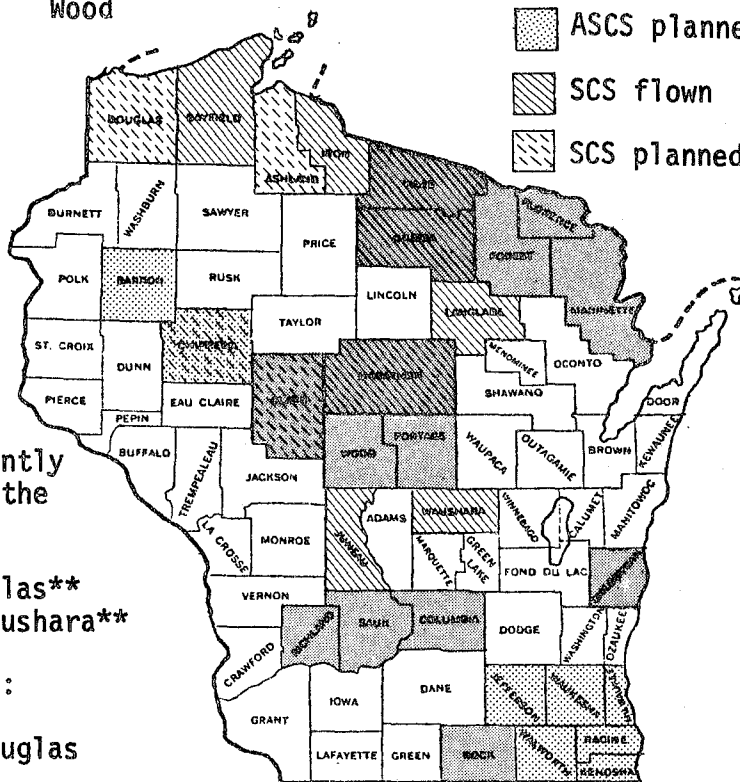
The Soil Conservation Service has recently acquired photography at 1:48,000 over the following counties:

Bayfield	Juneau*	Marathon	Vilas**
Iron	Langlade**	Oneida**	Waushara**

Photography at 1:48,000 is planned for:

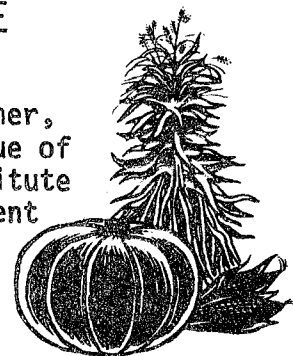
Ashland	Clark	Chippewa*	Douglas
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*1:38,000 **accepted



MUNICIPAL ASSESSORS' INSTITUTE

On September 13, 1978, Art Ziegler, Wisconsin State Cartographer, addressed the Municipal Assessors' Institute sponsored by the League of Wisconsin Municipalities. Over 200 participants were at this Institute held in La Crosse. Information was distributed on the state's current mapping programs and a workshop on how to establish a property description mapping program in a municipal office was offered.



THE WISCONSIN MAPPING BULLETIN IS DISTRIBUTED FREE OF CHARGE ON REQUEST. ARTICLES MAY BE REPRODUCED WITH 'ACKNOWLEDGEMENT' GIVEN. ANY COMMENTS SHOULD BE SENT TO THE STATE CARTOGRAPHER'S OFFICE, 144 SCIENCE HALL, UNIVERSITY OF WISCONSIN, MADISON, WI 53706 (608) 262-3065. ART ZIEGLER, STATE CARTOGRAPHER C. REINHARD, EDITOR