

## MAPPING FUNDS

The Wisconsin delegates at the U.S.G.S. Mid-Continent Mapping Center's Regional Mapping Conference on October 3-4, 1978 learned that recent actions by Congress have been detrimental to Wisconsin's receiving an adequate share of the federal appropriation of mapping funds for 7½' quads. Actions which have diverted federal support away from Wisconsin include the Coal Act which requires the mapping of prospective mining areas in the Dakotas and Illinois; a congressional requirement to map with 7½' quads the "non-mapped areas of the country," i.e. the areas without 15' quad coverage (Iowa and the Dakotas); federal land ownership mapping requirements and a large appropriation to the Missouri River Commission for mapping (Kansas and Nebraska). However, the Mid-Continent Mapping Center contends that the goal to complete 7½' quad coverage over the entire state by 1983 is still realistic and their funds would support the project.

U.S. GEOLOGICAL SURVEY, TOPOGRAPHIC DIVISION'S \$64.4 MILLION BUDGET  
(as presented at conference)

<u>Expenditures</u>	<u>FY-78</u>	<u>Percentage</u>	<u>Planned for FY-79</u>
a. New 7½' topo mapping .....	\$25.9M	40%	approaching \$27M
b. Revision of 7½' maps .....	8.2	13%	\$9.8M
c. Orthophotoquads .....	5.2	8%	decreasing, under \$2M
d. Intermediate/small scale .....	11.5	18%	some increase
e. N.C.I.C. ....	2.9	4%	no change
f. Equipment, research, new and special projects .....	10.9	--	--

Notes on the above

- a. Intended completion of continental states with 7½' topo quads, either English or metric, by 1985.
- b. Revision cycle has suffered, specific appropriation by Congress for FY-79.
- c. 99.8% of original program complete, any additional require co-op agency funds.
- d. Increasing due to federal co-op in intermediate-scale mapping (1:100,000).
- f. Increasing; digitization of 7½' quad series begun.

# COMING EVENTS

**WISCONSIN MAP SOCIETY** -- A general meeting of directors and officers will be held to discuss projects and a program for the annual meeting, Saturday, February 3d, Wisconsin Academy, 1922 University Ave., Madison, 1:00 p.m. The public is invited. For more information call Chris Reinhard (608) 262-3065.

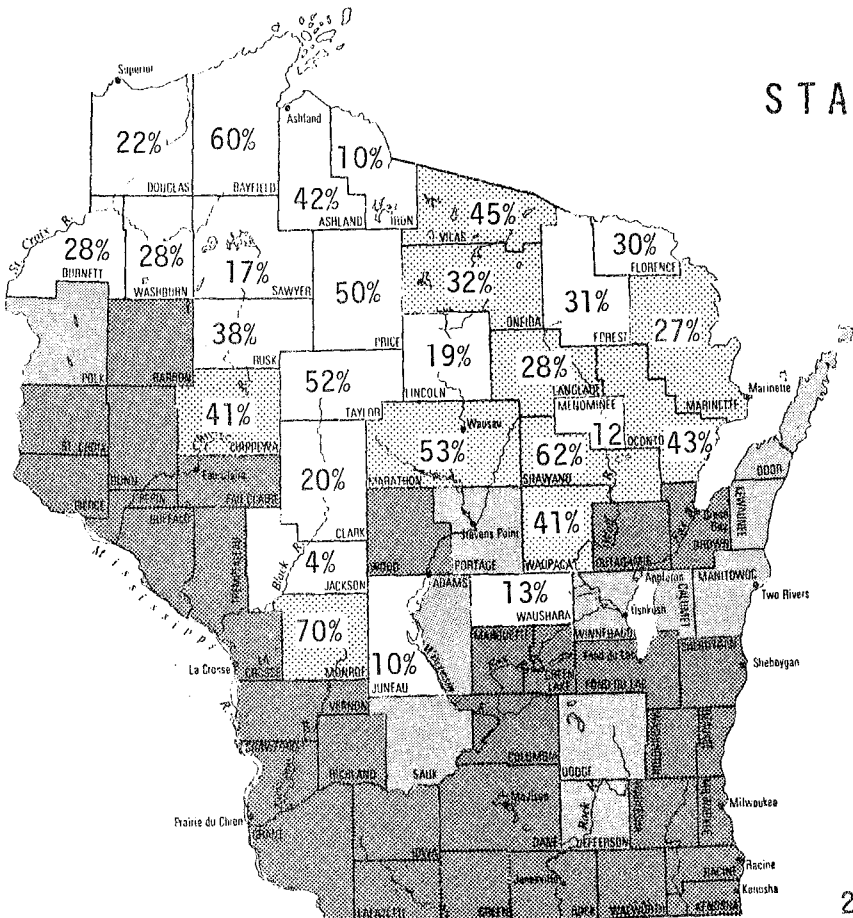
**A.S.P.-A.C.S.M. 1979** -- "The Change and the Challenge." The American Society of Photogrammetry and the American Congress on Surveying and Mapping annual meeting will be held at the Washington Hilton in Washington, D.C. March 18-24. The technical program will cover photo interpretation, control surveys, remote sensing, photogrammetric surveys, photography, land surveys, and cartography. For A.S.P. program information: Thomas Lauterborn, U.S.G.S. National Center - Stop 507, 12201 Sunrise Valley Drive, Reston, VA 22092. For A.C.S.M. program information: Mary Clawson, 589 Center Drive, Severna Park, MD 21146.

**NATIONAL CONFERENCE ON CIVIL ENGINEERING EDUCATION** -- "Civil Engineering Education - Responding to the Challenges of Engineering Practice," sponsored by the American Society of Civil Engineers, April 19-21, University of Wisconsin-Madison. Primary emphasis is on programs and requirements for planning/design/construction/operation of facilities for transportation, water supply and control, environmental protection, housing, urban development and similar fields of civil engineering practice. For more information write: ASCE Conference on Civil Engineering Education, The Wisconsin Center, 702 Langdon Street, Madison, WI 53706

## STATUS OF SOIL SURVEYS

SOIL CONSERVATION SERVICE

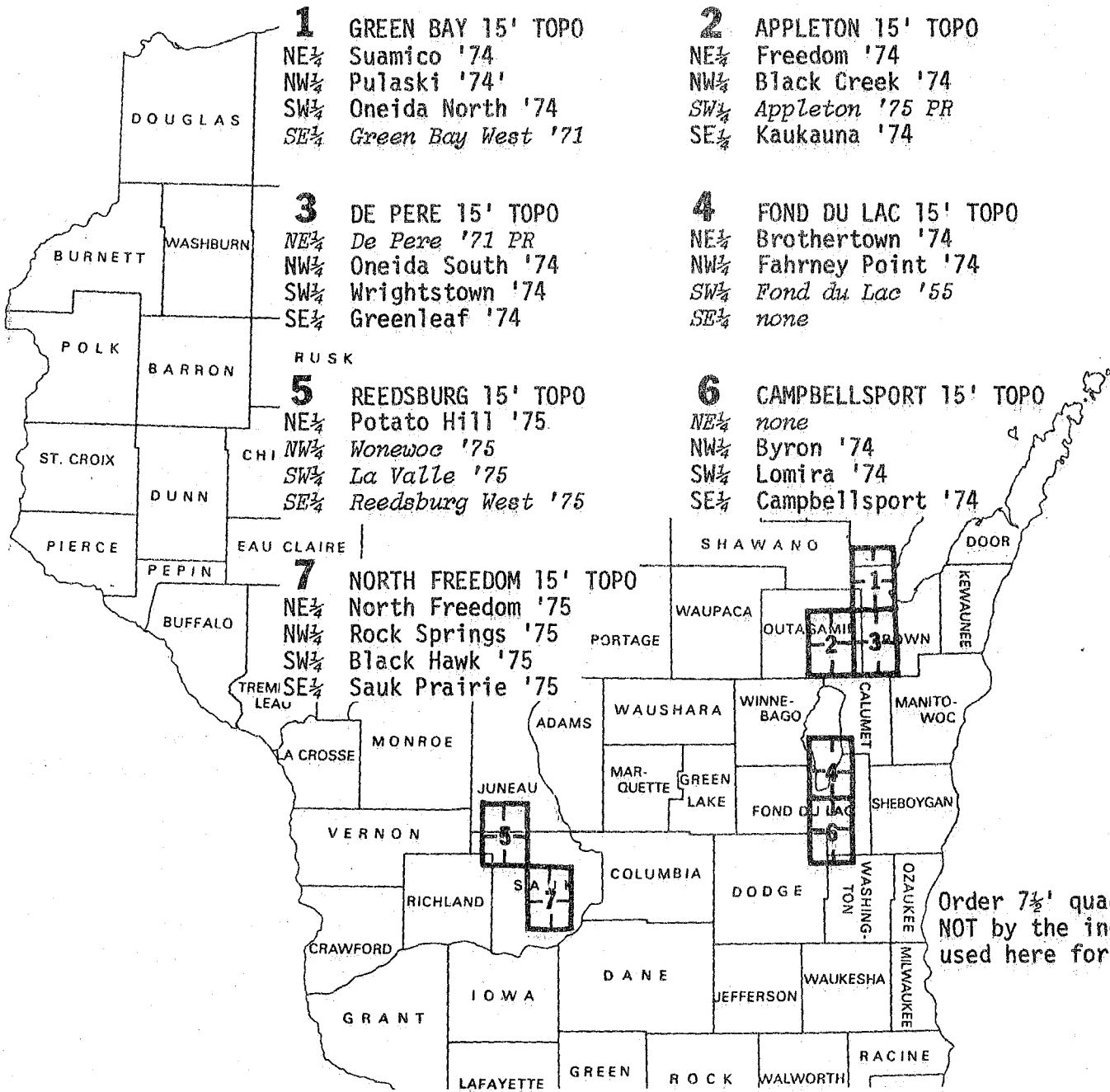
January 1, 1979



- Modern published soil survey
  - Modern soil survey with field mapping completed; to be published
  - Modern soil survey being conducted with date set for completion
  - Old published soil survey
- % Percent of county with modern soil survey completed

# 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, WI 53706 (608) 263-7389. Topographic quadrangles are \$1.50 each.



**1** GREEN BAY 15' TOPO  
 NE¼ Suamico '74  
 NW¼ Pulaski '74'  
 SW¼ Oneida North '74  
 SE¼ Green Bay West '71

**2** APPLETON 15' TOPO  
 NE¼ Freedom '74  
 NW¼ Black Creek '74  
 SW¼ Appleton '75 PR  
 SE¼ Kaukauna '74

**3** DE PERE 15' TOPO  
 NE¼ De Pere '71 PR  
 NW¼ Oneida South '74  
 SW¼ Wrightstown '74  
 SE¼ Greenleaf '74

**4** FOND DU LAC 15' TOPO  
 NE¼ Brothertown '74  
 NW¼ Fahrney Point '74  
 SW¼ Fond du Lac '55  
 SE¼ none

**5** REEDSBURG 15' TOPO  
 NE¼ Potato Hill '75  
 NW¼ Wonewoc '75  
 SW¼ La Valle '75  
 SE¼ Reedsburg West '75

**6** CAMPBELLSPORT 15' TOPO  
 NE¼ none  
 NW¼ Byron '74  
 SW¼ Lomira '74  
 SE¼ Campbellsport '74

**7** NORTH FREEDOM 15' TOPO  
 NE¼ North Freedom '75  
 NW¼ Rock Springs '75  
 SW¼ Black Hawk '75  
 SE¼ Sauk Prairie '75

Order 7½' quads by name, NOT by the index number used here for location.

## ORTHO PHOTO INCREASE

As all things do, the price of an orthophotoquad has risen. A single orthophoto now costs \$1.00. The July Bulletin included the final index of available state coverage. Additional copies of that index as well as the orthophotos can be obtained from the Wisconsin Geological Survey (address above).

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## ON SURVEYING

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**SURVEYING OPTION.** The Department of Civil and Environmental Engineering, UW-Madison offers a special program in surveying known as the "Surveying Option." This program meets the educational requirements for registration and the professional practice of surveying. For a brochure, contact: The Department of Civil and Environmental Engineering, 1415 W. Johnson Drive, U.W. - Madison, Madison, WI 53706 (608) 262-3542.

**SURVEYING AND PHOTOGRAMMETRY HOME STUDY COURSES.** The University of Wisconsin - Extension is offering a new series of correspondence courses in surveying and photogrammetry: Elementary Surveying I, Elementary Surveying II, Advanced Surveying, and Photogrammetry. The courses do not require field-work. For a descriptive brochure and application, contact Prof. C. Allen Wortley, 713 Extension Building, 432 North Lake St., Madison, WI 53706 (608) 262-2061.

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## CENSUS ITEMS

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**TRACT DATA FOR STANDARD METROPOLITAN STATISTICAL AREAS -- MINNEAPOLIS-ST. PAUL,** (includes St. Croix County) 30 pages, \$3.90. GPO Stock No. 003-024-5120.

**COUNTY BUSINESS PATTERNS, 1976 -- WISCONSIN,** \$2.00 GPO Stock No. 003-024-01549-8.

**GRAPHIC SUMMARY** from the 1974 Census of Agriculture contains color charts, color choropleth maps, and dot maps showing the distribution of agricultural resources, products and practices in the U.S. The maps present the data on a county unit basis. The Graphic Summary, Part I, Volume IV, Special Reports, 1974 Census of Agriculture, GPO Stock No. 003-024-01558-7 is available for \$4.75.

(These three reports are available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.)

**REGIONAL USER SERVICE OFFICES** can provide information about new and existing Census Bureau publications and products. Trained specialists can help data users solve particular problems that require demographic, economic or geographic information. Contact: Tom Moss, 55 E. Jackson Blvd., Suite 1304, Chicago, IL 60604 (312) 353-0980.

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## OF GENERAL INTEREST

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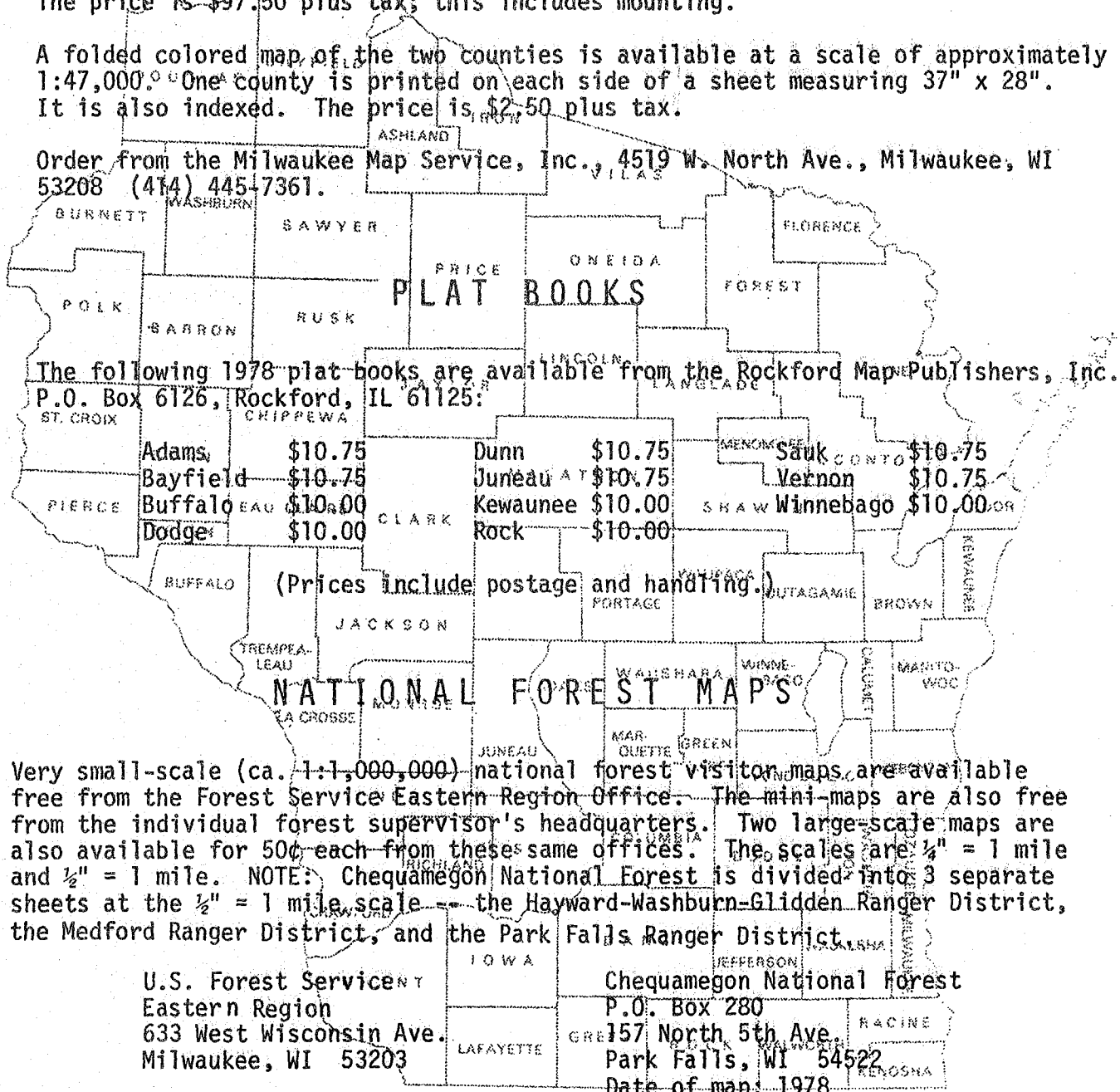
**MAP USE: READING, ANALYSIS, AND INTERPRETATION** by Phillip C. Muehrcke (University of Wisconsin-Madison, Geography Dept.) pulls together information from many disciplines into a coherent way of looking at the environment. It is the first comprehensive, philosophical, and practical treatment of map appreciation. Topics of more interest to the general map user are given greater attention than global map projections. This nontraditional textbook is profusely illustrated with cartoons, advertisements, jokes and quotations from everyday communications. Other illustrations are often Wisconsin-based examples. The book is organized to provide inexperienced readers with a logical development of concepts. The major sections are Map Reading, Map Analysis, Map Interpretation, and Orientation. A comprehensive series of appendices supplements the text. Map Use is published by JP Publications, P.O. Box 4173, Madison, WI 53711. Single copy price is \$14.95 (Wisconsin residents add 4% sales tax).

# OZAUKEE AND WASHINGTON COUNTY MAP

Two Ozaukee County and Washington County maps were published in 1978 by the Milwaukee Map Service. A colored wall map of the two counties is available at a scale of approximately 1:32,000. It measures 50" x 62" and is indexed. The price is \$97.50 plus tax; this includes mounting.

A folded colored map of the two counties is available at a scale of approximately 1:47,000. One county is printed on each side of a sheet measuring 37" x 28". It is also indexed. The price is \$2.50 plus tax.

Order from the Milwaukee Map Service, Inc., 4519 W. North Ave., Milwaukee, WI 53208 (414) 445-7361.



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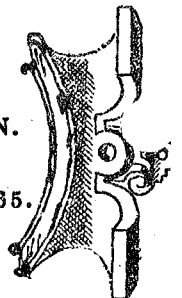
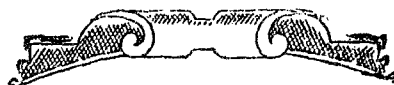
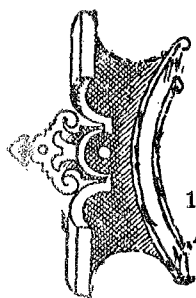
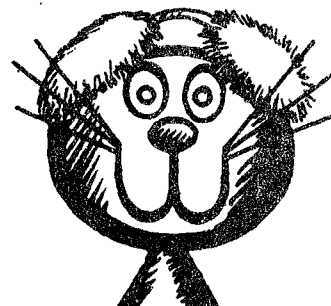
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ART ZIEGLER, STATE CARTOGRAPHER C. REINHARD, EDITOR

