

WISCONSIN MAPPING BULLETIN

Volume 3 No. 3 July 1977

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

* MAP OF EARLY VEGETATION DELAYED *

In the October 1976 issue of the Bulletin it was reported that the map Early or Native Vegetation of Wisconsin would be published in early 1977. It has been learned that the funds for printing are not anticipated until September 1978. The original compilation by Professor Robert Finley, UW-Extension, Geography, was made from the original field notes and base maps of the Public Land Survey. The map was produced under contract for the U.S. Forest Service and prepared by the UW-Madison Cartographic Laboratory.

STANDARD METROPOLITAN STATISTICAL AREAS

A page-size map indicating the Wisconsin counties designated as Standard Metropolitan Statistical Areas is available from the State Cartographer's Office. SMSAs are delineated by the Office of Management and Budget and are used by the Bureau of the Census to facilitate the presentation and analysis of data on areas of at least 50,000 population.

Single copies of Wisconsin Standard Metropolitan Statistical Areas are available free on request from the State Cartographer's Office, 144 Science Hall, Madison, WI 53706.

LAND RESOURCES DATA INVENTORY UPDATE

This office is participating in the update and limited revision of the Inventory of Wisconsin Land Resources Data. The Inventory is a project of the Department of Administration, Office of Planning and Energy. It is designed to help public and private decision-makers at the local, regional, and state levels to acquire and use existing land resource data in Wisconsin.

The updated and new pages will be insertable in the 3-ring binder format of the Inventory. Individuals and organizations having the Inventory will automatically receive the revisions this fall. Inquiries should be directed to Tom Krauskopf, Office of Planning and Energy, 1 West Wilson Street, Madison, WI 53702 (608) 266-0267.

NEW PRODUCTION FROM U.S. GEOLOGICAL SURVEY

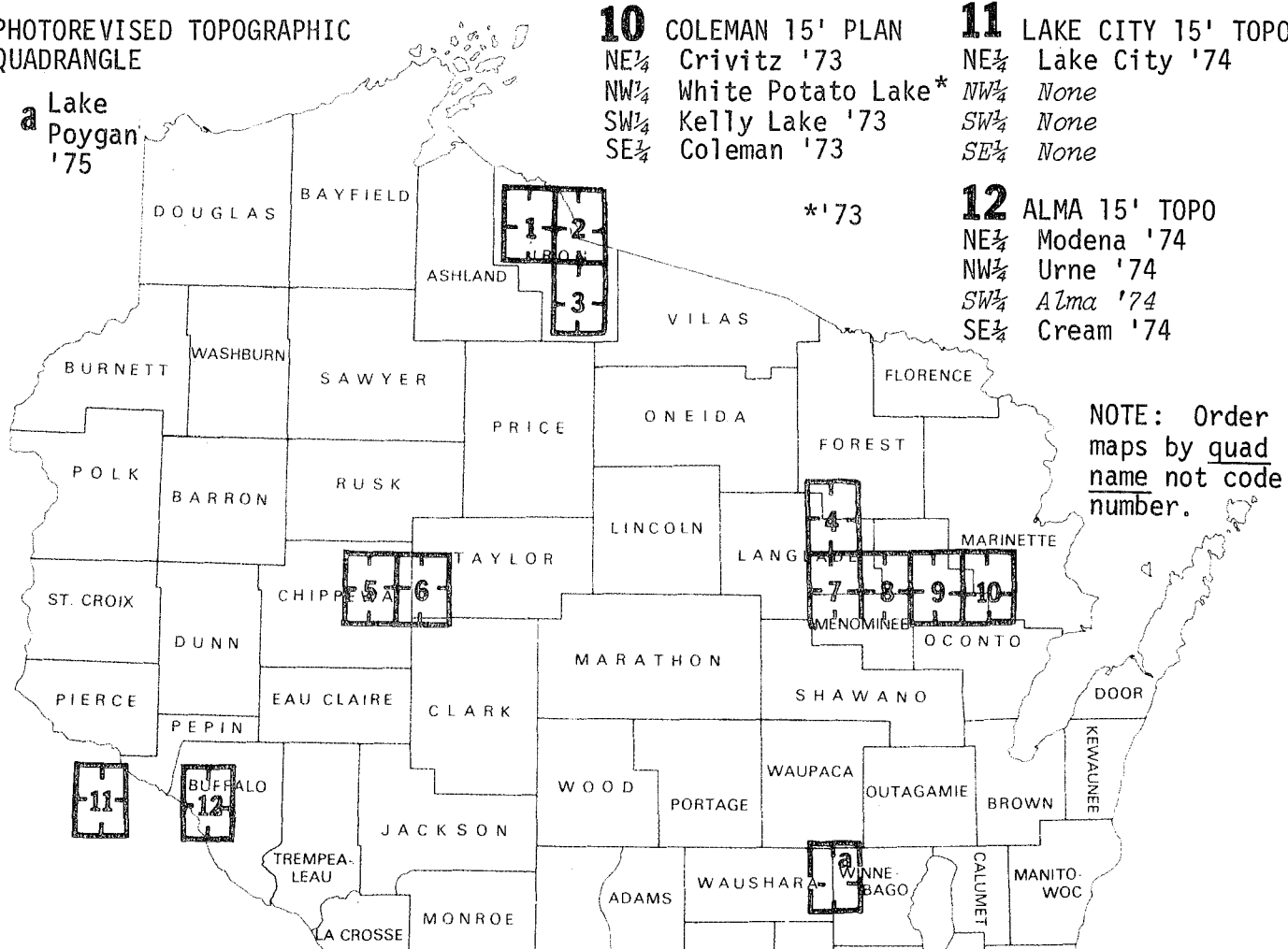
These newly published 7½' topographic quadrangle maps (1:24,000) are listed by their location on the superseded 15' topographic or planimetric map of the area. They are available from the Wisconsin Geological Survey, 1815 University Ave., Madison, WI 53706 (608) 262-0586. Topographic quadrangles \$1.50 each.

- | | | |
|---|--|--|
| <p>1 UPSON 15' PLAN
 <i>NE¼ Iron Belt '56</i>
 <i>NW¼ Saxon '56</i>
 <i>SW¼ Upson '56</i>
 <i>SE¼ Turntable Creek '73</i></p> | <p>2 IRONWOOD 15' TOPO
 <i>NE¼ None</i>
 <i>NW¼ Ironwood '55</i>
 <i>SW¼ Pine Lake '73</i>
 <i>SE¼ Lake Evelyn '73</i></p> | <p>3 MERCER 15' TOPO
 <i>NE¼ Mercer '73</i>
 <i>NW¼ Lake of the Falls '73</i>
 <i>SW¼ Turtle-Flambeau Flowage '73</i>
 <i>SE¼ Wilson Lake '73</i></p> |
| <p>4 LILY 15' PLAN
 <i>NE¼ Roberts Lake '73</i>
 <i>NW¼ Mole Lake '73</i>
 <i>SW¼ Pickerel '73</i>
 <i>SE¼ Lily '73</i></p> | <p>5 CORNELL 15' TOPO
 <i>NE¼ Holcombe '73</i>
 <i>NW¼ Cornell '73</i>
 <i>SW¼ Crescent '73</i>
 <i>SE¼ Colburn '73</i></p> | <p>6 GILMAN 15' TOPO
 <i>NE¼ Gilman '73</i>
 <i>NW¼ Ruby '73</i>
 <i>SW¼ Huron '73</i>
 <i>SE¼ Bellinger '73</i></p> |
| <p>7 WHITE LAKE 15' PLAN
 <i>NE¼ White Lake '73</i>
 <i>NW¼ Polar '73</i>
 <i>SW¼ Zoar '73</i>
 <i>SE¼ Perote Lake '73</i></p> | <p>8 LANGLADE 15' PLAN
 <i>NE¼ Shadow Lake '73</i>
 <i>NW¼ Langlade '73</i>
 <i>SW¼ Markson '73</i>
 <i>SE¼ Fredenberg Lake '73</i></p> | <p>9 MOUNTAIN 15' PLAN
 <i>NE¼ Shay Lake '73</i>
 <i>NW¼ Mountain '73</i>
 <i>SW¼ Breed '73</i>
 <i>SE¼ Hickory Corners '73</i></p> |

PHOTOREVISED TOPOGRAPHIC QUADRANGLE

a Lake Poygan '75

- | | |
|---|--|
| <p>10 COLEMAN 15' PLAN
 <i>NE¼ Crivitz '73</i>
 <i>NW¼ White Potato Lake* '73</i>
 <i>SW¼ Kelly Lake '73</i>
 <i>SE¼ Coleman '73</i></p> | <p>11 LAKE CITY 15' TOPO
 <i>NE¼ Lake City '74</i>
 <i>NW¼ None</i>
 <i>SW¼ None</i>
 <i>SE¼ None</i></p> |
| <p>12 ALMA 15' TOPO
 <i>NE¼ Modena '74</i>
 <i>NW¼ Urne '74</i>
 <i>SW¼ Alma '74</i>
 <i>SE¼ Cream '74</i></p> | |



A new August 1976 Index to Topographic Maps of Wisconsin is now available. Copies are available free from the Wisconsin Geological Survey (address above).

COMING EVENTS



*FIFTH KENNETH NEBENZAHL, JR. LECTURES IN THE HISTORY OF CARTOGRAPHY
AT THE NEWBERRY LIBRARY, August 11-13, 1977

"MAPPING THE GREAT LAKES REGION: MOTIVE AND METHOD"

Conrad Heidenreich, "The early period of exploration--Champlain -
Franquelin, 1603-1688."

Jean-Marc Garant, "Franquelin - Bellin."

G. Malcolm Lewis, "The late nationalist period, 1755-1795."

Hildegard Binder Johnson, "Ideology and Reality: an evaluation
of the U.S. Rectangular Land Survey in the Great Lakes Region."

L.M. Sebert, "The Canadian Land Survey, 1780-1850."

R.W. Sandilands, "Hydrographic Surveying in the Great Lakes
during the nineteenth century."

Helen Hornbeck Tanner, "Motives and Methods of Mapping the
Great Lakes."

Buffet Lunch at the Racquet Club courtesy of *Mr. Andrew McNally III*.

There is no registration fee. Contact: Dr. David Woodward, Hermon Dunlap Smith
Center for the History of Cartography, The Newberry Library, 60 W. Walton Street,
Chicago, IL 60610 (312) 943-9090.

* 1977 ASP-ACSM FALL TECHNICAL MEETING *

"CHARTING A BETTER TOMORROW"

American Society of Photogrammetry - American Congress on Surveying and Mapping

October 18-21, 1977

Little Rock, Arkansas

REGISTRATION: \$25.00 non-members CONTACT: Larry R. Fenton, Arkansas Highway
Department, P.O. Box 2261, Little Rock, Arkansas 72203 (501) 569-2408

* AUTO-CARTO III *

AUTO-CARTO III will be held in San Francisco, CA at the St. Francis Hotel
January 16 through 21, 1978. The conference will be co-sponsored by the U.S.
Geological Survey and the American Congress on Surveying and Mapping. CONTACT:
Mr. Jim Chamberlain, U.S. Geological Survey, Menlo Park, CA 94025.

** WISCONSIN REAL PROPERTY LISTORS ASSOCIATION **

The association of the Wisconsin Real Property (Tax) Listors will hold
their annual convention at Rhinelander, September 14, 15, and 16. Art Ziegler,
the State Cartographer will give a presentation on tax map preparation on Wednesday
afternoon, the 14th. For additional information contact Ms. Mary Sonnenberg,
President, P.O. Box 518, West Bend, WI 53095.

PUBLICATIONS OF INTEREST

* MINERAL AND WATER RESOURCES OF WISCONSIN *

A report on the "Mineral and Water Resources of Wisconsin," prepared by the U.S. Geological Survey in collaboration with the Wisconsin Geological and Natural History Survey is now available. It was prepared at the request of Senator William Proxmire.

The report describes each of the various types of mineral deposits known in Wisconsin. Their relationship to the fundamental geologic framework is discussed in order to indicate how and where other deposits might be found and to provide the information needed for the wise development of the State's mineral resources. The section of the report on water resources describes the broad distribution and availability of surface water and ground water, both geographically and geologically, and discusses the past and future water utilization.

A total of 39 small-scale maps plus other illustrations and a lengthy bibliography are included in the 185-page report. Copies are available for \$2.00 each from the Wisconsin Geological and Natural History Survey, Map Sales, 1815 University Ave., Madison, WI 53706 (608) 262-0586.

* U.S. GEOLOGICAL SURVEY WISCONSIN PROGRAM *

The U.S.G.S. Water Resources Division has published its third annual Wisconsin: A Summary of Activities and Plans of the United States Department of the Interior, Geological Survey, 1977. The report provides an explanation of all current studies and identifies present and future resource problems with which the Survey is involved in Wisconsin. Compilers Green and Lansing extensively cover the Water Resources Division's programs. Described also are the programs of the Topographic and Geologic Divisions and the Land Information and Analysis Office. The 102-page report is well illustrated and includes a bibliography of U.S.G.S. publications. A 1:1,000,000-scale map showing the location of statewide, regional, and local projects accompanies the book. Copies are available from the U.S. Geological Survey, Water Resources Division, 1815 University Ave., Madison, WI 53706.

* WATER-RESOURCES INVESTIGATIONS *

Water-Resources Investigations in Wisconsin, 1976 outlines the U.S. Geological Survey's water-resources program. The folder has a page-size map that shows the location of stream-gaging stations, observation wells and quality-of-water sampling sites, and the area covered by hydrologic investigations in progress. Smaller maps show other significant hydrologic aspects. A brief text explains the Water Resources Division's State-Federal cooperative program, hydrologic-data network, and investigations in progress. Also given is a selected list of references. It is free by request from Branch of Distribution, U.S. Geological Survey, 1200 South Eads Street, Arlington, VA 22202.



☐ LAND DATA SYSTEM (A CADASTRE) ☐

A SIMULTANEOUS SOLUTION TO THREE NATIONAL PROBLEMS

The bound papers of the proceedings of the American Society of Photogrammetry-American Congress on Surveying and Mapping joint symposium on land data systems held in February in Washington, D.C. are now available. The cost for non-members is \$5.00. Order from:

American Society of Photogrammetry
105 N. Virginia Ave.
Falls Church, VA 22046

★ FELLOWSHIP AWARDED ★

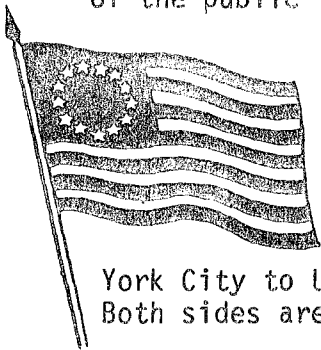
A 1977 Guggenheim Fellowship has been awarded to Arthur H. Robinson, Professor of Geography and Lawrence Martin Professor of Cartography, University of Wisconsin-Madison. Dr. Robinson will study the development of thematic cartography in the 18th and 19th centuries.

WALWORTH COUNTY - GROUND WATER AND GEOLOGY

Walworth County is experiencing rapid population growth which generates increasing demands on its water resources. Ground-Water Resources and Geology of Walworth County, Wisconsin is a comprehensive study of the county's ground-water hydrology, availability, and quality. Included in the 45-page report are 23 maps at a scale of approximately 1 inch = 4 miles plus a 4-color separate map of the watertable at a scale of 1 inch = 2 miles. The 1976 report was prepared by R.G. Borman of the U.S. Geological Survey. It is Information Circular no. 34 of the Wisconsin Geological Survey, 1815 University Ave., Madison, WI 53706. Cost \$2.00.

⌘ ⌘ ⌘ ⌘ COUNTY SURVEYORS ASSOCIATION ⌘ ⌘ ⌘ ⌘

At a meeting held recently in Stevens Point an Association of Wisconsin County Surveyors was formed. Twenty-five counties were represented. Anthony Kiedrowski, Wood County, was appointed temporary chairman of the group. Proposed goals include: Promoting a County Surveyor in every county, elected or appointed; Providing minimum qualifications for County Surveyors; Promoting public awareness of the public land system; Providing standards for remonumentation.



A. G. S. LIBRARY MOVE DELAYED

The move of the American Geographical Society's library from New York City to UW-Milwaukee still has not been approved by the New York Supreme Court. Both sides are preparing for a court hearing, the date of which has not yet been set.

THE WISCONSIN MAPPING BULLETIN IS DISTRIBUTED FREE OF CHARGE BY REQUEST.
ARTICLES MAY BE REPRODUCED WITHOUT PERMISSION PROVIDED ACKNOWLEDGEMENT IS GIVEN.
ANY COMMENTS OR CORRECTIONS SHOULD BE SENT TO THE STATE CARTOGRAPHER'S OFFICE,
144 SCIENCE HALL, UNIVERSITY OF WISCONSIN, MADISON, WI 53706 (608) 262-3065.
A.L. ZIEGLER, STATE CARTOGRAPHER C.M. REINHARD, EDITOR