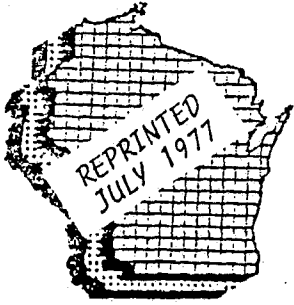


Wisconsin Mapping Bulletin

Volume 2, No.2

April 1976



Information on Cartographic activities and Aerial Photographic coverage in the State of Wisconsin; published periodically by the State Cartographer's Office, 144 Science Hall, University of Wisconsin, Madison, Wisconsin 53706.

***** BASELINE CALIBRATION DATA *****

Mr. William C. Rohde, Chairman, Ad-Hoc Committee on Calibration Baselines of the Wisconsin Society of Land Surveyors announced receipt of adjusted calibration data from National Geodetic Survey for all eight baselines in Wisconsin.

Congratulations to the Ad-Hoc Committee and the Wisconsin Society of Land Surveyors on completion of this professional project.

Anyone desiring information on these baselines should contact a member of the Wisconsin Society of Land Surveyors.

GEODETTIC INFORMATION

The U.S. Army Corps of Engineers, Rock Island District has furnished the State Cartographer's Office with a copy of horizontal control data from the Illinois State line to the confluence of the Mississippi and Wisconsin Rivers. The data is for the Wisconsin bank of the Mississippi and is similar in density to that illustrated on pages 19 and 20 of the Catalog of Federal Horizontal Control and Leveling on Wisconsin September 1975 published by this Office.



NOTICE: NEW PHONE NUMBERS AND ADDRESSES

For Map Sales customers of the Wisconsin Geological Survey, 1815 University Avenue, Madison, Wisconsin 53706, please use the following number when ordering maps and publications: 262-0586.

The Mid-Continent Mapping Center of the U.S. Geological Survey located at Rolla, Missouri moved in January 1976 into their new building. The new address is:

1400 Independence Road
Rolla, MO 65401 (phone numbers remain in effect)

USGS ORTHOPHOTOQUADS SALES OUTLET

The U.S. Geological Survey Orthophotoquads in northwest Wisconsin as announced in the October 1975 Wisconsin Mapping Bulletin, Vol. 1, No. 4, page 3 are available from the Wisconsin Geological Survey. Ozalid (diaz) paper copies, identified by the corresponding topographic quadrangle name, may be purchased at a cost of 50¢ each (prepaid) from the Wisconsin Geological and Natural History Survey, 1815 University Avenue, WI 53706. Phone (608) 262-0586.



NEW FROM CENSUS
(only areas in Wisconsin have been listed)



SMSA'S AND SCSA'S CREATED AND REDEFINED BY OMB

Standard Metropolitan Statistical Areas (SMSA's)

On August 12, 1975 James T. Lynn, Director of the Office of Management and Budget (OMB) announced the creation of six new Standard Metropolitan Statistical Areas (SMSA's). This brings the total of SMSA's to 276. OMB has also redefined three previously designated SMSA's and retitled another.

The following areas are designated as new Standard Metropolitan Statistical Areas:

<u>Code</u>	<u>Title</u>	<u>Definitions</u>
2290	Eau Claire, WI	Eau Claire and Chippewa Counties

Standard Consolidated Statistical Areas (SCSA's)

On the same date OMB also designated 11 new Standard Consolidated Statistical Areas (SCSA's) and retitled and redefined 2 others.

The SCSA is a new standard statistical area which will be used to facilitate the presentation and analysis of data on large concentrations of metropolitan populations.

The following areas have been designated as Standard Consolidated Statistical Areas:

<u>Title</u>	<u>Code</u>		<u>Definition</u>
	SCSA	SMSA	
Milwaukee-Racine, WI	63	5080	Milwaukee, WI
		6600	Racine, WI



**SPECIAL CENSUSES TAKEN BETWEEN
JULY 1, 1974 AND JUNE 30, 1975**



The list below shows areas for which special censuses have been completed between July 1, 1974 and June 30, 1975. Population counts and other information for special censuses taken during the last half of 1974 and the first half of 1975 have been published in the Current Population Report series, P-28, Special Censuses, No. 1512, Summary of Special Censuses Conducted by the Bureau of the Census Between July 1, 1974 and December 31, 1974 and P-28, Special Censuses, No. 1522, Summary of Special Censuses Conducted by the Bureau of the Census Between January 1, 1975 and June 30, 1975 and are available from the U.S. Government Printing Office (Washington, D.C. 20402) for 30¢ each.

Arbor Vitae town	Madison city	Two Rivers city
Biron village	Madison town	West Milwaukee village
Campbell town	Milwaukee city	Wisconsin Rapids city
Clyman village	Oconto Falls city	Eau Claire city (part)
Cornell city	Rockland village	Eau Claire County
Hallie town	Silver Lake village	(see next page)
Knowlton town	Siren village	

SPECIAL CENSUS - CONT.

EAU CLAIRE COUNTY

Altoona city	Eau Claire city (part)	Otter Creek town
Augusta city	Fairchild town	Pleasant Valley town
Bridge Creek town	Fairchild village	Seymour town
Brunswick town	Fall Creek village	Union town
Clear Creek town	Lincoln town	Washington town
Drammen town	Ludington town	Wilson town

For an area with a special census population of 50,000 or more, a separate publication showing data for the area by age, race, and sex is issued by the Census Bureau. If the area has census tracts, the data are shown by tracts. These reports are also published in the Current Population Report series, P-28.

- 1515, Special Census of Madison, Wisconsin: October 22, 1974 (90¢)
- 1517, Special Census of Eau Claire County and That Part of Eau Claire City in Chippewa County, Wisconsin: March 31, 1975 (45¢)

Purchase from the U.S. Government Printing Office, Washington, D.C. 20402. Further information on the special census program is available from the Chief, Population Division, Bureau of the Census, Washington, D.C. 20233.

LAND RESOURCES DATA

An Inventory of Wisconsin Land Resources Data was published recently by the State Planning Office, Department of Administration. The 480-page, loose-leaf document provides a quick reference to available data on water, air, and land-related resources of the state.

State Planner Steve Born hopes the reference will help bring good data to bear on future land use decisions. The document should be of aid to researchers in locating necessary information. The inventory is available at the State Planning Office, 1 West Wilson Street, Madison 53702. For further information, call Tom Krauskopf, (608) 266-0267.

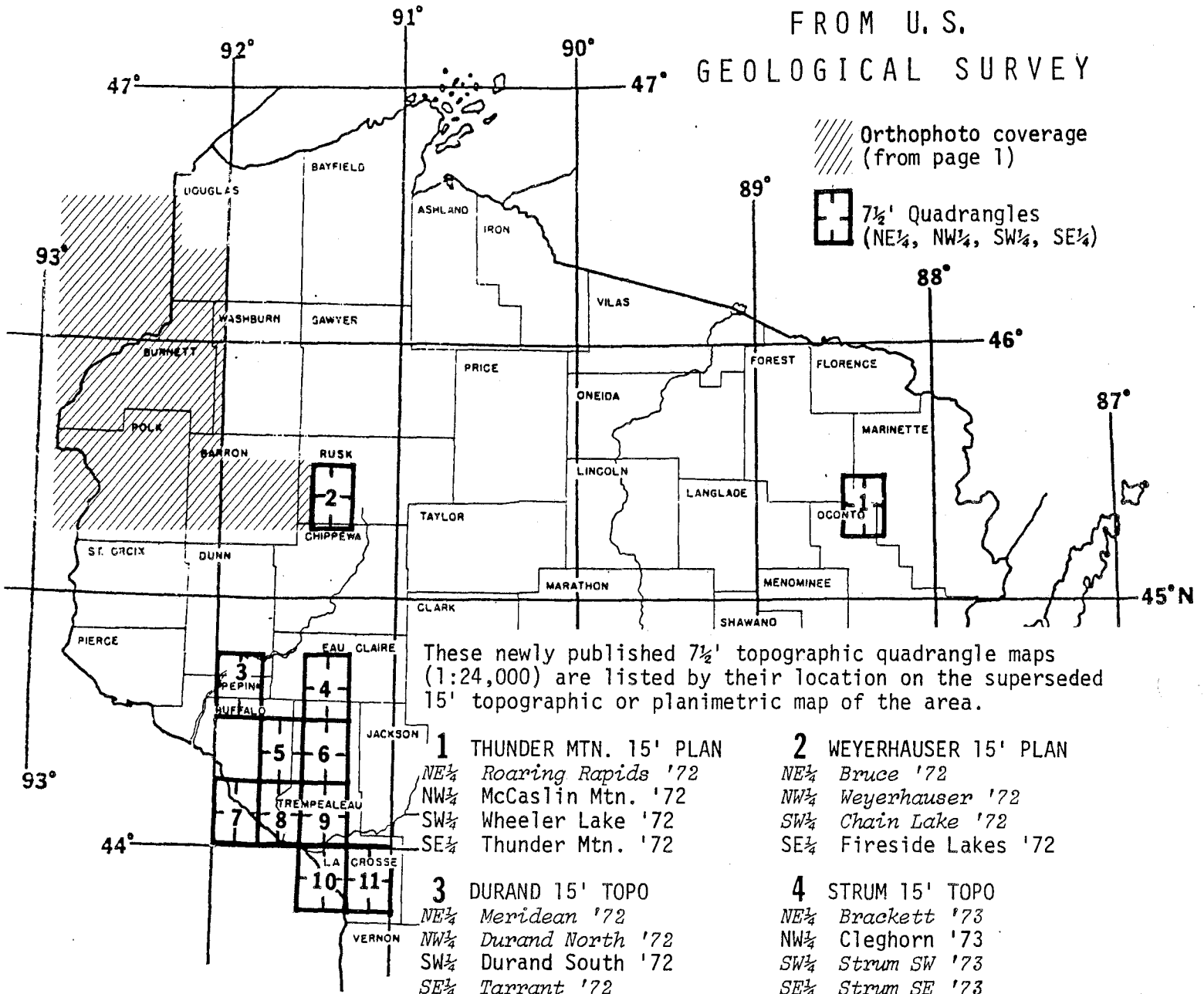
LAND RESOURCES ANALYSIS PROGRAM (LANDRAP) MAPS

A series of state maps at a scale of 1:500,000 has been published. The maps give the user an opportunity to better visualize current land resource issues and allow state and local officials to more easily place pending decisions in a broader context. They are currently available for purchase from the Map Sales Office, Wisconsin Geological and Natural History Survey, 1815 University Avenue, Madison, WI 53706 at \$1.50 each: (size 40" by 44")

1. GENERALIZED SOIL LIMITATIONS FOR USE OF SEPTIC SYSTEMS
2. GENERALIZED SOIL LIMITATIONS TO CONSTRUCTION ACTIVITIES
3. GENERALIZED SOIL EROSION HAZARD
4. MAJOR PUBLIC OPEN SPACE
5. LANDS OF SPECIAL PUBLIC POLICY DESIGNATION
6. MAJOR AREAS OF POTENTIAL FLOOD HAZARD AND STEEP SLOPE
7. GENERALIZED LAND COVER - INTERPRETED FROM ERTS-1 SATELLITE IMAGERY
8. GENERALIZED SOIL PRODUCTIVITY FOR FIELD CROPS
9. GENERALIZED SOIL PRODUCTIVITY FOR CANNING CROPS



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.

- | | |
|--|---|
| <p>1 THUNDER MTN. 15' PLAN
NE¼ Roaring Rapids '72
NW¼ McCaslin Mtn. '72
SW¼ Wheeler Lake '72
SE¼ Thunder Mtn. '72</p> | <p>2 WEYERHAUSER 15' PLAN
NE¼ Bruce '72
NW¼ Weyerhauser '72
SW¼ Chain Lake '72
SE¼ Fireside Lakes '72</p> |
| <p>3 DURAND 15' TOPO
NE¼ Meridean '72
NW¼ Durand North '72
SW¼ Durand South '72
SE¼ Tarrant '72</p> | <p>4 STRUM 15' TOPO
NE¼ Brackett '73
NW¼ Cleghorn '73
SW¼ Strum SW '73
SE¼ Strum SE '73</p> |
| <p>5 GILMANTON 15' TOPO
NE¼ Lookout '73
NW¼ Gilmanton '73
SW¼ Waumandee '73
SE¼ Swinns Valley '73</p> | <p>6 WHITEHALL 15' TOPO
NE¼ Pleasantville '73
NW¼ Elk Creek '73
SW¼ Independence '73
SE¼ Whitehall '73</p> |
| <p>7 COCHRANE 15' TOPO
NE¼ Cochrane '72
NW¼ Weaver '72
SW¼ None
SE¼ None</p> | <p>8 WINONA 15' TOPO
NE¼ None
NW¼ Fountain City '72
SW¼ Winona West '72
SE¼ Winona East '72</p> |
| <p>9 GALESVILLE 15' TOPO
NE¼ Ettrick '73
NW¼ Tamarack '73
SW¼ Trempealeau '73
SE¼ Galesville '73</p> | <p>10 LA CRESCENT 15' TOPO
NE¼ None
NW¼ Pickwick '73
SW¼ None
SE¼ La Crescent '73</p> |
| <p>11 LA CROSSE 15' TOPO
NE¼ West Salem '63
NW¼ Onalaska '63
SW¼ La Crosse '63 PR '74
SE¼ St. Joseph '63</p> | <p>NOTE: Order maps by quad name not code number.</p> |

Available from the Wisconsin Geological Survey, 1815 University Ave., Madison, WI 53706
(608) 262-0586. \$1.00 each

AAA OF INTEREST TO SURVEYORS AAA

RESTORATION OF LOST OR OBLITERATED CORNERS AND SUBDIVISION OF SECTIONS, A Guide For Surveyors. This supplement to the "Manual of Surveying Instructions" was prepared especially for county and local surveyors who must be familiar with the rectangular system of public land surveying. 1963, rep. 1975. 44 p., order number S/N 024-011-00012-7 from Public Documents, Distribution Center, Pueblo, CO 81009 for 75¢.

© LAND USE INFORMATION ©

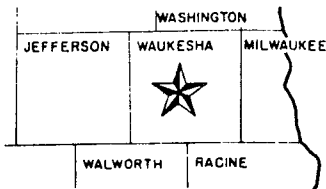
REPORTS AVAILABLE ONLY THROUGH NTIS

The following reports, priced as indicated for hard copies, may be obtained from the National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161. When ordering, please use the NTIS number preceding each item.

- PB-244 974/AS. Development of a procedure for forecasting long-range environmental impacts, report to the Resource and Land Investigations (RALI) program, U.S. Geological Survey, by Benjamin Schlesinger and Douglas Daetz. 1975. 151 p., \$6.25 (Tech. Rept. No. 75-3.)
- PB-245 000/AS. Land use management: proceedings of the National Symposium on resource and land information. 1973 (1975). 135 p., \$5.75.
- PB-247 610/AS. Land: State alternatives for planning and management. 1975 (1976). 96 p., \$5.50.
- PB-247 713/AS. Land use policy and program analysis, No. 1, Intergovernmental relations in State land use planning. 1974 (1976). 49 p., \$4.
- PB-247 714/AS. Land use policy and program analysis. No. 2, Data needs and resources for State land use planning. 1974 (1976). 43 p., \$4.
- PB-247 716/AS. Land use policy and program analysis, No. 4, State of the art for designation of areas of critical environmental concern. 1974 (1976). 61 p., \$4.50.
- PB-247 717/AS. Land use policy and program analysis, No. 5, Issues and recommendations - State critical areas programs. 1975 (1976). 55 p., \$4.50.
- PB-247 718/AS. Land use policy and program analysis, No. 6, Manpower needs for State land use planning - Public involvement in State land use planning. 1975 (1976). 34 p., \$4.

SHORELINE EROSION IN SOUTHEASTERN WISCONSIN

Shoreline Erosion in Southeastern Wisconsin by David W. Hadley, Wisconsin Geological Survey Special Report Number 5. This report is a product of the Geological and Natural History Survey Environmental Geology Program which combines geologic, hydrologic, and soil facts, theory, and analysis to investigate, explain, and solve environmental problems. It is available from the Wisconsin Geological and Natural History Survey, 1815 University Ave., Madison, WI 53706, price is \$1.00.



WAUKESHA COUNTY

U.S. GEOLOGICAL SURVEY OPEN-FILE REPORTS

A series of three maps showing the bedrock topography, water table and bedrock geology of Waukesha County, Wisconsin are now available from the Wisconsin Geological and Natural History Survey.

The maps, available as either plastic or paper copies, are at a scale of 1:62,500 or 1 inch equals about 1 mile. The information was compiled for the Survey's Information Circular Number 29 on the "Ground-Water Resources of Waukesha County, Wisconsin."

The maps, prepared by J.B. Gonthier of the U.S. Geological Survey, are a product of the Wisconsin Geological & Natural History Water Resources Program.

75-570. Bedrock geology of Waukesha County, WI, 1 sheet, scale 1:62,500 (1 inch = about 1 mile).

75-571. Water-table map of Waukesha County, WI, December 1972, 1 sheet, scale 1:62,500 (1 inch = about 1 mile).

75-572. Bedrock topography of Waukesha County, WI, 1 sheet, scale 1:62,500 (1 inch = about 1 mile).

Purchase from the Wisconsin Geological and Natural History Survey, 1815 University Ave., Madison, WI 53706. Phone (608) 262-0586. \$1 paper diazo, \$2.50 transparent plastic diazo (prepaid).

.....MAP OF DEPTH TO BEDROCK IN WISCONSIN.....

A map indicating depth to bedrock in Wisconsin has been published as a product of the University of Wisconsin-Extension, Geological and Natural History Survey's cooperative program with the Water Resources Division, U.S. Geological Survey. The multi-colored map at a scale of 1:1,000,000 was compiled from published and unpublished reports and records of both Surveys. Thickness is shown by a contour line for 50 feet and for each 100 foot interval down to a total depth of 600 feet. It measures 20 inches by 21½ inches. The map is available from the Wisconsin Geological and Natural History Survey, 1815 University Ave., Madison, WI 53706. Price is \$1.00.



HYDROLOGIC UNIT MAP



Wisconsin 1974. An overprint of the 1:500,000-scale State base map. Shows counties, location, and names of all cities and towns and most of the smaller settlements, railroads, and township and range lines in black; water features in blue; hydrologic boundaries and codes in red; county codes in green. No contours. Sheet 44 by 46 inches. 1968 base, \$1.25, U.S. Geological Survey, 1200 South Eads Street, Arlington, VA 22202.



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