

Waters BULLETINS

1. Magnitude and Frequency of Floods in Minnesota, by C.H. Prior, 128 pps., 1949. (Superseded by U.S.G.S. Water Resources Investigations 77-31, May 1977).
 2. Proceedings of Minnesota Conference on Underground Waters, 65 pps., 1950.
 3. Water Use Problems and Wildlife Values, by Chester S. Wilson, 1950.
 4. Some Legal Aspects of Public and Private Waters in Minnesota, by V.J. Michaelson, 19 pps., 1951.
 - * 5. Surface Water Supplies of the Mesabi Iron Range, 117 pps., 1951.
 - *6. Geology and Ground Water Resources of the Cloquet Area, Carlton County, Minnesota, by P.D. Akin and J.R. Jones, 63 pps., 1952.
 - *7. An Estimate of Total Water Use in Minnesota for 1950 and 1975, by S.A. Frelsen, 15 pps., 1952.
 - *8. Basic Geologic and Ground Water Data for Clay County, Minnesota, by J.W. Bingham, 138 pps., 1960.
 - * 9. Graphs of Ground Water Levels in Minnesota through 1956, by G.C. Straka and Robert Schneider, 42 pps., 1957.
 - *10. Hydrologic Atlas of Minnesota, 182 pps., 1959.
 - *11. Water Resources of the Minneapolis-St. Paul Metropolitan Area, 52 pps., 1961.
 12. Floods in Minnesota, Magnitude and Frequency, by C.H. Prior and J.H. Hess, 142 pps., 1961. (Superseded by U.S.G.S. Water Resources Investigations 77-31, May 1977).
 - *13. The Minnesota River, Report to the Upper Mississippi Reservoir and Minnesota River Valley Level. Interim Commission, 34 pps., 1960.
 - *14. Ground Water in Alluvial Channel Deposits, Nobles County, Minnesota, by Ralph F. Norvitch, 23 pps., 1960.
 - *15. The Problem of Water Supply for Twin and Crystal Lakes in Robbinsdale, Hennepin County, Minnesota, 1961.
 16. Water Resources of Minnesota, a Study Guide, 28 pps., 1962.
 17. Water Use for Irrigation in Minnesota, 19 pps., 1962.
 18. Graphs of Ground Water Levels in Minnesota 1957-1961, by G.C. Straka and W.A. Miller, 58 pps., 1963.
- *19. Basic Geologic and Ground Water Data for Kittson and Parts of Marshall and Roseau Counties, Minnesota, by G.R. Schiner, 1963. NEVER PUBLISHED !!!
- *20. Power Development in Minnesota, by G.H. Hollenstein, 35 pps., 1962.
 21. Quality of Waters, Minnesota, a Compilation, 1955-1962, by M.L. Maderak, 104 pps., 1963.
 22. The St. Louis River Watershed Unit, 53 pps., 1964. (Superseded by U.S.G.S. Hydrologic Atlas 586).
 23. Chemical Quality of Ground Water in the Minneapolis-St. Paul Area, Minnesota by M.L. Maderak, 44 pps., 1965.
 24. The Lake Superior Watershed Unit, 61 pps., 1966. (Superseded by U.S.G.S. Hydrologic Atlas 582).
 - * 25. Inventory of Minnesota Lakes, 498 pps., 1968.
 26. Natural Quality of Ground Water in Minnesota, by Thomas C. Winter, 25 pps., 1974.
 27. Ground Water Resources in Minnesota, 62 pps., 1976.
 28. Ground Water Hydrology of Swift County, Minnesota, by J.G. Fax and D.R. Beissel, 106 pps., 1980.
 29. Ground Water Hydrology of Lac Qui Parle County, Minnesota, by J.G. Fax and B.A. Rongitsch, 56 pps., 1983.

SPECIAL REPORTS

Report 2: Swan Lake, Nicollet County, Minnesota. Report on Proposed Supplemental Water Supply, October 1962.

*Out of Print

Waters TECHNICAL PAPERS

- *1. Correlation of Ground Water Levels and Air Temperature in the Winter and Spring in Minnesota, by Robert Schneider, 17 pps., 1958.
2. Geohydrology of the Jordan Aquifer in the Minneapolis - St. Paul Area, Minnesota, by B.A. Liesch, 24 pps., 1961.
3. Not Used.
4. Flow Characteristics of Minnesota Streams, 265 pps., 1971.
- * 5. Ground Water and Aquifer Tests, by Dennis G. Woodward, 34 pps., 1977. Revised; 1978.
6. Geology and Water-Supply Potential for the Anoka Sand-Plain Aquifer, Minnesota, by J.O. Helgesen and G.F. Lindholm, U.S. Geologic Survey (prepared in cooperation with U.S.G.S.) 17 pps., 1977.
7. Hydrologic Feasibility of Alternates for Raising and Maintaining Big Kandiyohi Lake (34-86), by Peter G. Colin, 64 pps., 1978.
8. Selected Aquifer Tests in Minnesota, by Richard M. Johnson, Dennis R. Beissel, John G. Fax, Mark A. Collins and Jean M. Olson, 130 pps., 1980.
9. Techniques for Estimating 50, 85, 90 and 95% Exceedance Flows in the Duration Table of Daily Flows at Ungaged Sites of MN Streams. Part II: Ungaged Sites, by Ogbazghi Sium, 26 pps., 1981.
10. Hydrologic Evaluation of Small Watersheds in Minnesota Using TR-20 Model, by Ogbazghi Sium, 55 pps., April, 1986.
11. Guidelines for Ordinary High Water Level (OHWL) Determinations, by John Scherek and Glen Yakel, 8pps., June 1993

TECHNICAL REPORT

An Instream Flow Program for Minnesota, by Richard A. Domingue, Gregory A. Kruse, Michael L. Peloquin and Patricia L. Olson, October 1989.

OPEN-FILE REPORT SERIES

No. 1: Low Flow Considerations for Regulating Use of Minnesota Streams, Part I: Gaged Sites, by Ogbazghi Sium, 32 pps., 1980.

Miscellaneous Waters Publications:

1978 Hydrologic Year Data, 58 pps., July 1979.

1979 Hydrologic Year Data, 58 pps., June 1980.

Understanding Ground Water Level Trends: A Key to Managing Water Use, by Dan Zwilling and B. Rongitsch, 50 pps., 1987.

Water Resources of Minnesota Map Series:

Aquifer Test Locations Map H-1, 1979.

Location of Ground Water Observation Wells Map H-2, 1979.

Regional Hydrogeologic Assessment Anoka Sand Plain, 1993.

Geologic Atlas, Fillmore County, Minnesota, 1996.

Regional Hydrogeologic Assessment, Southwestern Minnesota, 1997.

Land Use and Your Well: From the Field to the Faucet in Minnesota's Central Sandplain Region, June 1986.

Using Ground Water Data for Water Planning, 1987.

Observation Well Data Summary - Water Years 1983 through 1993, Regions 1 through 6 and State-wide, June 1984 through 1994.

Guidelines for the Preparation of Emergency Preparedness and Responsiveness Plans for Minnesota Dams, Sept. 1984.

Sixteen- Year Study of Minnesota Flash Floods, Jan. 1988.

Drought of 1988, Jan. 1989.

Minnesota Groundwater Bibliography, June 1989; Revised: June 1990.

Miscellaneous Waters Publications continued on next page...

Miscellaneous Waters Publications continued

Understanding Ground Water Level Trends, by Daniel Zwilling, Jeanette Leete and Brian Rongitsch, Second (Revised) Edition, June 1989.
A Guide for Buying and Managing Shoreland, Revised, June 1990.
Water Year Data Summary 1989 and 1990, May 1991.
Criteria and Guidelines for Assessing Geologic Sensitivity of Ground Water Resources in Minnesota, by Jan Falteisek, June 1991.
Streambank Erosion: Gaining A Greater Understanding, by David Luethe and Clifford Bentley, 34 pps., August 1991.
A Guide for Soil and Water Conservation District Involvement in the Minnesota Department of Natural Resources Water Permits Program, January 1981.
Well Inventory Manual, December 1991.
DOW Information Systems Plan, 66 pps., June 1992.
Strategic Plan, March 1993.
Water Year Data Summary, 1991 & 1992, 60 pps., May 1993.
Hydrologic Investigation: Danvers Wildlife Management Area, Swift County, May 1993.
Water Year Data Summary, 1993 & 1994, 74 pps., May 1995.
Water Availability Assessment 1996, 22 pps., September 1996.
Water Year Data Summary, 1995 & 1996, 76 pps., May 1997.
A Digital Method to Inventory Converted Wetlands, by Kara M. Dunning and Lloyd P. Queen, 24 pps., June 1997.

Misc. Brochures

Emergency Response Planning for Dam Failures, April 1985.
Minnesota's Water Bank Program
Water Permits in Minnesota, Sept. 1991.
A Guide for Buying and Managing Shoreland, Revised, June 1990.
Minnesota Water Appropriation Program, May 1990.
Wetland Types and Definitions.
Water-Related Land Use Problems.
Water Use in Minnesota (1985), by U.S.G.S., Sept. 1991.
Mapping Sensitivity to Pollution in Minnesota, May 1992.
County Geologic Atlas & Regional Hydrogeologic Assessment Program (revised April 1993).
Lake Outlet Dams, March 1993.
Lake Level Minnesota, April 1994.
Minnesota's Dam Safety Program, May 1996.
Dam Safety Permit Guidelines for Dams, 1996.

Misc. Info Sheets

Boat Launching Ramps
Beach Sand Blankets
Riprap Shore and Streambank Protection
Role of Flow Meters in Irrigation
Statewide Standards for "Management of Shoreland Areas" (effective date July 3, 1989).
State of Minnesota Lake Improvement Districts
Lakeshore Improvement Projects
Wetland Fact Sheet
"Water Use Habits/Ways to Save Water" card
Questions & Answers About Water Laws in Minnesota
Who to Contact About Land & Water Development/Alteration Questions, January 1992
Work That Can Be Done Without A Protected Waters Permit
Measuring Water Use & Flow Meter Requirements, 1993
Measuring Water Use for Wild Rice Operations, 1993.
Questions & Answers about Water Laws in Minnesota, March 1994.
For Development Projects In and Near Water or Wetlands, November 1994.

The WATER ALLOCATION and MANAGEMENT PROGRAM PROJECT PRODUCTS

Primary Reports:

Volume I: The Value of Water to Minnesota
Volume II: Developing a Geographic Information System for Minnesota Water Resources
Summary: The Economic Value of Water

Technical Reports: The Value of Water -

DNR Division of Waters:

An Analysis of Water Use in Minnesota
Statewide Instream Flow Assessment
Water Use in Minnesota Agriculture

Natural Resources Research Institute:

The Value of Water for Economic Production and Recreation in Minnesota, Volumes 1 and 2.

DNR Office of Planning:

Significance of Water-Related Outdoor Recreation to the Minnesota Economy

FLOOD PLAIN MANAGEMENT Publications

Chapter 104 of Minnesota Statutes
MN Rules 1983, Parts 6120.5000-6120.6000. "Statewide Standard and Criteria for Management of Flood Plain Areas of Minnesota".

Technical Reports...

Technical Report No. 5: "On-Site Sewage Disposal in Flood Plain Area", December 1974.
Technical Report No. 6: "The Regulatory Floodway in Flood Plain Management", December 1974.
Technical Report No. 7: "Procedures and Requirements for Flood Hazard Evaluation", March 1980.

Informational Brochures...

Informational Brochure No. 1: "Reducing Flood Damages by Acquisition and Relocation: The Experience of 4 Minnesota Communities".
Informational Brochure No. 2: "Before You Buy or Build in the Flood Plain: What You Should Know".
Informational Brochure No. 3: "Flood Hazard Mitigation Planning: What It Is and What It Can Do For Your Community".
Informational Brochure No. 4: "Urban Stormwater Management: Another Alternative for Reducing Flood Damage".
Informational Brochure No. 5: "Would a Flood Warning System Benefit Your Community?".
Informational Brochure No. 6: "Flood Plain Management in Minnesota".

What You Should Know About Buying, Owning or Building a House in a Floodplain, November 1994.

Informational Sheets...

Flood Plain Management Information Sheet No. 1: "Preparing for Floods".
Flood Plain Management Information Sheet No. 2: "Preparing to Evacuate".
Flood Plain Management Information Sheet No. 3: "It's Time to Clean Up".

Misc...

Sample Flood Plain Zoning Ordinance for Local Units of Government, September 1978.
A Flood Emergency Plan of Action for East Grand Forks, Minnesota, February 1981.
Flood Plain Management: A Handbook for Local Officials, by Thomas Lutgen and James Solstad, October 1984.
Climatic Conditions and the Resulting 1997 Record Spring Floods (on the Upper Minnesota River and the Red River of the North in Minnesota), 8 pps, June 1997.
Managing Minnesota's Floodplain for the Future of Our Communities, 12 pps., August 1997.
Flood Insurance in Minnesota, 16 pps., January 1998.

WILD and SCENIC RIVER PROGRAM Publications

Guides to Buying and Selling Property Along Wild and Scenic Rivers.
-Rum River
-Mississippi River (St. Cloud - Anoka).
Lower St. Croix National Scenic Riverway
-A summary of land use regulations.
Minnesota's Wild, Scenic and Recreational River Programs (Information Sheet).
River Management Land Use Workshop, February 1983.
An Evaluation of the Land Use Management Component of the Rum River Rule, by William Zachmann and Sandra Fecht, December 1989.
Design Guidelines for Stairways, Landings and Seasonal Docks in Designated Wild, Scenic and Recreational River Areas (Info Sheet).

SHORELAND MANAGEMENT PROGRAM Publications

A Guide for Buying and Managing Shoreland, (Revised, June 1990).
A Description of Shoreland Management Guidelines for Cluster and Planned Unit Developments, June 1982.
Lake Development: How Much Is Too Much?, 1987.
Lakeshore Improvement Projects
Water-Related Land Use Problems, 1991 (Brochure).
Statewide Standards for "Management of Shoreland Areas, (effective date July 3, 1989).
State of Minnesota Lake Improvement Districts (Info Sheet).
A Local Official's Guide for Handling Shoreland Alterations (brochure), December 1993.
A Shoreland Owner's Guide to Shoreland Alterations (brochure), December 1993.
Best Management Practices for Water Resources in Agricultural, Urban & Forested Areas, brochure, April 1994.
A Technical Report on Managing Nonconformities in the Shoreland Management District, July 1995.

Supplementary Reports...

Supplementary Report No. 1: Classification System for Public Waters, January 1976.
Supplementary Report No. 2: Elements and Explanation of the Shoreland Rules and Regulations, August 1971.
Supplementary Report No. 3: Implementation of County Shoreland Ordinances, 1971.
Supplementary Report No. 5: Elements and Explanation of the Municipal Shoreland Ordinances, May 1976.
Supplementary Report No. 6: Procedural Guide for the Implementation of Municipal Shoreland Ordinances, May 1976.
Supplementary Report No. 8: Suggested Shoreland Overlay District Ordinance for Municipalities, September 1981.

Shoreland Update Project Reports...

Report No. 1: Shoreland Management Effectiveness: A Questionnaire Survey of Managers, June 1984.
Report No. 2: Evaluation of Shoreland Management Based on Sample Counties and Townships, 1984.
Report No. 3: Local Official Recommendations for Shoreland Program Improvements, November 1983.
Report No. 4: Shoreland Development Trends, June 1984.
Report No. 5: A River Classification System, June 1984.
Report No. 8: Shoreland Residents - A Questionnaire Survey.

The following two publications can be obtained from the Documents Section*. The charge is based on xeroxing cost from Rule volumes.

County Shoreland Area Regulations
Municipal Shoreland Area Regulations

*Documents Section, 117 University Avenue, St. Paul, MN 55155. Telephone number: (651) 297-3000.