



MINNESOTA HISTORICAL SOCIETY
Minnesota State Archives

PLANNING BOARD

An Inventory of Its Water Basin Maps and Graphs

OVERVIEW OF THE RECORDS

Agency: Minnesota State Planning Board.
Series Title: Water basin maps and graphs.
Dates: [1930s].
Quantity: 1.5 cu. ft. (1 double oversize box).
Location: See Detailed Description section for box location.

SCOPE AND CONTENTS OF THE RECORDS

Maps and graphs either created or used by the board in its coordination of federal, state, and local government agencies in the area of water resources planning and water conservation. The majority were used in conjunction with the Works Progress/Work Projects Administration project numbers 1758 and 3053.

Areas documented include the Red River of the North, Red Lake, and Otter Tail, Bois des Sioux, Buffalo-Wild Rice, Snake-Roseau, Upper Mississippi, St. Croix, Rainy, St. Louis, Pigeon, and Poplar rivers basins and sub-basins. Topics covered in the records include precipitation and run-off, stream and lake gaging stations, water supply and treatment facilities, population densities and trends, industries, conservation dams, power plants, electric transmission lines, and stream discharge.

Many include the initials of the cartographer [exp., E.E.] and the date of creation [exp., 1-39].

INDEX TERMS

This collection is indexed under the following headings in the catalog of the Minnesota Historical Society. Researchers desiring materials about related topics, persons or places should search the catalog using these headings.

Topics:

Electric lines—Minnesota.
Electric power-plants—Minnesota.
Flood control—Minnesota.
Lakes—Minnesota—Regulation.
Precipitation (Meteorology) —Minnesota.
Regulating.
Rivers—Minnesota—Regulation.
Stream measurements—Minnesota.
Water resources development—Minnesota.

Places:

Bois des Sioux River.
Buffalo River (Minn.).
Minnesota—Population.
Mississippi River.
Otter Tail River (Minn.).
Pigeon River (Minn. and Ont.).
Poplar River (Minn.).
Rainy River (Minn. and Wis.).
Red Lake River (Minn. : River).
Red River of the North.
Roseau River (Minn.).
Saint Croix River (Wis. and Minn.).
Snake River (Marshall County, Minn.).
Wild Rice River (Minn.).

Organizations:

United States. Works Progress Administration (Minn.).
United States. Work Projects Administration (Minn.).

Types of Documents:

Graphs.
Maps.

ADMINISTRATIVE INFORMATION

Preferred Citation:

[Indicate the cited map/graph and description here]. Minnesota State Planning Board.
Water Basin Maps and Graphs. Minnesota Historical Society. State Archives.
See the Chicago Manual of Style for additional examples.

Accession Information:

Accession number(s): None; [289?], 6433

Processing Information:

Processed by: Cheri Thies, March 2007
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DETAILED DESCRIPTION OF THE COLLECTION

Note to Researchers: To request materials, please note both the location and box numbers shown below.

Location

- 126.H.1.4 27 sheets; bradded set, rolled together.
Precipitation and Run-off, Red River Basin Above Grand Forks,
N.D., WPA Project No. 3053, L.J.E. 3-37.
White print; chart showing annual totals of precipitation and
runoff, 1882-1936.
- River Discharge in Otter Tail Basin, WPA Project No. 1758, No.
362, L.J.E. 12-35.
White print; 4 graphs showing annual maximum and
minimum discharge at points on the Otter Tail and Pelican
rivers over various time spans.
- Population Trends in Otter Tail Basin, WPA Project No. 1758, No.
363, L.J.E. 1-36.
White print; graph showing population trends totals for
Fergus Falls, Breckenridge, and Detroit Lakes, 1890-1930.
- Otter Tail Drainage Basin Major Industries, WPA Project No. 1758,
No. 364, L.J.E. 6-36.
Linen; map showing locations of creameries, packing plants,
breweries, and railroad roundhouses.
- Otter Tail Drainage Basin Sewage and Water Systems, WPA Project
No. 1758, No. 365, M.A.S. 6-36.
Linen; map showing sites of various types of water sources
and sewage systems.

Location

126.H.1.4

Otter Tail Basin Variation of Precipitation by Months, WPA Project No. 1758, No. 367, H.E.W. 2-36.

White print; 2 graphs showing average monthly maximum, minimum, wettest year, driest year, and mean for Detroit Lakes and Fergus Falls, 1896-1934.

Otter Tail Basin Variation of Precipitation by Months, WPA Project No. 1758, No. 368, H.E.W. 2-36.

White print; 2 graphs showing average monthly maximum, minimum, wettest year, driest year, and mean for Campbell and Park Rapids, 1896-1934.

Major Industries in Red Lake [River] Basin, WPA Project No. 1758, No. 369-1, [undated].

Linen; map showing locations of creameries, sugar factory, and gas plant.

Red Lake [River] Basin Sewage and Water Systems, WPA Project No. 1758, No. 369-2, C.A.R. 6-36.

Linen; map showing sites of various types of water sources and sewage systems.

Red Lake [River] Basin Stream and Lake Gaging Stations, Power Plants, and Dams, WPA Project No. 1758, No. 369-3, M.A.S. 4-36.

Linen; map showing sites of existing and discontinued lake elevation stations and stream gaging stations, proposed and existing dams, fuel plants, and proposed and existing hydroelectric plants.

Population Trends in Red Lake [River] Basin, WPA Project No. 1758, No. 369-4, L.J.E. 1-36.

Whiteprint; graph showing population trends totals for Crookston, Thief River Falls, and East Grand Forks, 1890-1930.

Major Industries in Bois des Sioux Basin, WPA Project No. 1758, No. 309-6, L.J.F. 2-36.

Linen; map showing sites of creameries.

Sewage and Water Systems, Bois des Sioux Basin, WPA Project No. 1758, No. 369-7, E.C.K. 6-36.

Linen; map showing sites of water and sewage systems and a proposed flood control/game and fish dam.

Bois des Sioux Drainage Basin...Proposed Flood Control Works and Stream Gaging Stations, WPA Project No. 1758, No. 369-8, A.F. 3-36.

Linen; map showing sites of proposed flood control dam and levee and existing and discontinued stream gaging stations.

Location

- 126.H.1.4 Major Industries, Buffalo-Wild Rice Basin, WPA Project No. 1758, No. 369-9, E.C.K. 6-36.
Linen; map showing sites of creameries.
- Power Plants-Dams, Sewage and Water Systems, Buffalo-Wild River Basin, WPA Project No. 1758, No. 369-10, A.H.F. 4-36.
Linen; map showing sites of water and sewer systems, fuel generating plant, and existing and proposed dams and hydroelectric plants.
- Major Industries in Snake-Roseau Basin, WPA Project No. 1758, No. 369-11, L.J.E. 2-36.
Linen; map showing sites of creameries.
- Sewage and Water Systems, Snake-Roseau Basin, WPA Project No. 1758, No. 369-12, [undated].
Linen; map showing sites of various types of water sources and sewage systems.
- Dams and Stream Gaging Stations, Snake-Roseau Basin, WPA Project No. 1758, No. 369-13, L.J.E. 3-36.
Linen; map showing sites of existing and discontinued stream gaging stations, proposed and existing dams with their purpose(s), and fuel generating plant.
- Population Trends, Red River of the North, WPA Project No. 1758, No. 369-19, M.F.M. 3-36.
Whiteprint; graph showing population trends totals for total populations and in various categories, 1890-1930.
- Otter Tail Drainage Basin Dams, Power Plants, and Stream Gaging Stations, WPA Project No. 1758, No. 366, M.F.M. 6-36.
Linen; map showing sites of existing and proposed dams, some with designs of purpose (domestic supply, spawning ground, recreation); existing and discontinued stream gaging stations; fuel generating plants; and existing hydroelectric plants.
- Minnesota Elevation Contours 100 Feet in the Great Lakes Basin, State Planning Board, WPA Project No. 1758, A.J.R. 8-26.
Whiteprint.
- Minnesota Dams, Stream Gaging Stations and Power Plants, Mississippi River Sub-basin, Below St. Paul, Minnesota, of the Upper Mississippi River Basin, State Planning Board, WPA Project No. 1758, A.H.F. 7-36.
Whiteprint.
- Sewage and Water System in Mississippi River Sub-basin, Above St. Paul, Minnesota, of the Upper Mississippi River Basin, State Planning Board, WPA Project No. 1758, [undated].

Location

- 126.H.1.4 Sewage and Water System in Mississippi River Sub-basin, Below St. Paul, Minnesota, of the Upper Mississippi River Basin, State Planning Board, WPA Project No. 1758, A.H.F. 7-36.
Whiteprint.
- Major Industries in the Mississippi River Sub-basin, Below St. Paul, Minnesota, of the Upper Mississippi River Basin, State Planning Board, WPA Project No. 1758, E.C.K. 7-36.
Whiteprint.
- Electronic Transmission Lines, June 1936, in the Mississippi River Sub-basin, Below St. Paul, Minnesota, of the Upper Mississippi River Basin, State Planning Board, WPA Project No. 1758, [undated].
- Minnesota Railways, Highways, and Airports in the Mississippi River Sub-basin, Below St. Paul, Minnesota, of the Upper Mississippi River Basin, State Planning Board, WPA Project No. 1758, [undated].
- Major Industries in the Minnesota River Sub-basin of the Upper Mississippi River Basin, State Planning Board, WPA Project No. 1758, E.C.K. 7-36.
Whiteprint.
- Maximum Stream Discharge of the Minnesota River in the Upper Mississippi River Basin, State Planning Board, WPA Project No. 1758, M.A.S. 6-36.
Linen; covers 1903-1935.
- Mean Stream Discharge of the Minnesota River in the Upper Mississippi River Basin, State Planning Board, WPA Project No. 1758, M.A.S. 6-36.
Linen; covers 1903-1935.
- Major Industries in the St. Croix River Sub-basin of the Upper Mississippi River Basin, State Planning Board, WPA Project No. 1758, C.A.R. 7-36. 2 copies.
Whiteprint.
- Map of Dams, Stream Gaging Stations, and Power Plants in the St. Croix River Sub-basin of the Upper Mississippi River Basin, State Planning Board, WPA Project No. 1758, July 1936.
- Map Showing Proposed Projects in the St. Croix River Sub-basin of the Upper Mississippi River Basin, State Planning Board, WPA Project No. 1758, July 1936.
- Minnesota Annual Precipitation 1916-1935 in the St. Croix River Sub-basin of the Upper Mississippi River Basin, State Planning Board, WPA Project No. 1758, [undated].
- Map of Sewage and Water Systems in the St. Croix River Sub-basin of the Upper Mississippi River Basin, State Planning Board, WPA Project No. 1758, July 1936.

Location

- 126.H.1.4 Electronic Transmission Line, June 1936, in the St. Croix River Sub-basin of the Upper Mississippi River Basin, State Planning Board, WPA Project No. 1758, [undated].
- Mean Stream Discharge of the St. Croix River, Upper Mississippi River Basin, State Planning Board, WPA Project No. 1758, M.F.M. 7-36. Linen; covers 1902-1935.
- Maximum Stream Discharge of the St. Croix River, Upper Mississippi River Basin, State Planning Board, WPA Project No. 1758, [undated]. Linen; covers 1902-1935.
- Minnesota Normal Precipitation in the Rainy River Basin, August 1, 1936, State Planning Board, WPA Project No. 3053, M.A.S. 9-36. Whiteprint.
- Minnesota Profiles of Rainy River and Four Major Tributaries into the Rainy River Basin, State Planning Board, WPA Project No. 3053, [undated].
- Minnesota Principal Sub-basins in the Rainy River Basin, State Planning Board, WPA Project No. 3053, [undated].
- Minnesota Major Industries in the Rainy River Basin, State Planning Board, WPA Project No. 3053, [undated].
- Minnesota Population Density by Townships, Villages, and Cities in 1930 in the Rainy River Basin, State Planning Board, WPA Project No. 3053, [undated].
- Stream Discharge Rainy River and Major Tributaries, State Planning Board, WPA Project No. 3053, M.F.M. 9-36. Whiteprint.
- Mean Stream Discharge of the St. Louis River in the Great Lakes Basin, State Planning Board, WPA Project No. 3053, A.H.F. 9-36. Linen; covers 1908-1932.
- Mean Stream Discharge of the Pigeon and Poplar Rivers in the Great Lakes Basin, State Planning Board, WPA Project No. 3053, M.F.M. 8-36. Linen; covers 1911-1934.
- Average Value of Farmland Per Acre by Counties 1930 in the Great Lakes Basin, State Planning Board, WPA Project No. 3053, E.C.K. 8-36.
- Discharge Records, Upper Mississippi River Drainage Area, Covering 1880s – 1930s, [undated]. Blueprint.

Location

126.H.1.4

Surveys of Proposed and Existing Dams in Otter Tail River Basin,
Pelican River Basin, and Buffalo River Basin, Order in Chain,
[undated]. 15 sheets.

White graph paper; pencil and ink.

Upper Mississippi River Basin, [undated].

Linen.