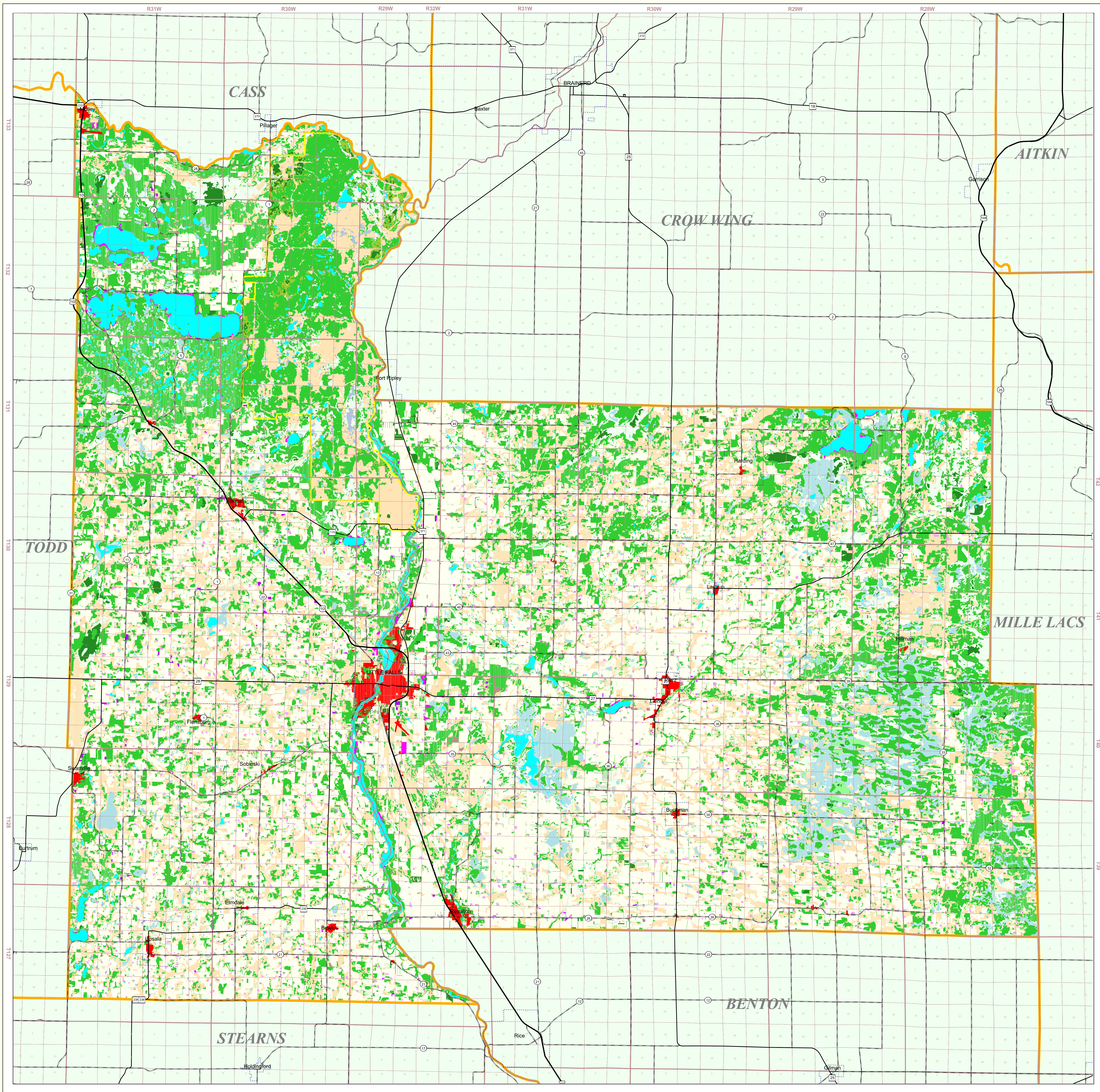


Morrison County Land Use and Cover

State of Minnesota

1988 - 1990, 1992, 1993 and 1996



MAP FEATURES

International Coalition Land Use Portion of Morrison County

- Urban and Industrial
- Farmsteads and Rural Residences
- Rural Residential Development Complexes
- Other Rural Developments
- Cultivated Land
- Transitional Agricultural Land
- Grassland
- Grassland-Shrub-Tree Complex (Deciduous)
- Grassland-Shrub-Tree Complex (Coniferous)
- Deciduous Forest
- Coniferous Forest
- Water
- Wetlands
- Gravel Pits and Open Mines
- Bare Rock
- Exposed Soil, Sandbars, and Sand Dunes
- Unclassified/Unlabeled/Outside State or County

Cities

- COUNTY SEAT
- Other Cities

Highways

- Interstate Highway
- U.S. Trunk Highway
- State Trunk Highway
- County State-Aid Highway (CSAH)

Public Land Survey

- T34 Township
- R25W Range & Direction

Legend

- State Boundary
- County Boundary
- Township & Range Section

Camp Ripley Land Use Portion of Morrison County

- Urban/Industrial
- Farmsteads and Rural Residences
- Other Rural Developments
- Cultivated Land
- Grassland
- Shrubby Grassland
- Regeneration/Young Forest
- Mixed Forest
- Deciduous Forest
- Coniferous Forest
- Wetlands: Bogs
- Wetlands: Marsh and Fens
- Water
- Gravel Pits and Open Mines
- Bare Rock

Data Sources

- The International Coalition - Source: Photogrammetry Dates: 1988-1990
- Department of Natural Resources - Forest Resource Assessment and Inventory Unit - Source: Photogrammetry Dates: 1992, 1993 and 1996
- USGS - Source: 1:50,000 scale, 30'x60' quadrangle maps published between 1977 and 1986
- Minnesota Department of Transportation, 1997-98
- Produced by the Minnesota Land Management Information Center from U.S. Geological Survey (USGS), 1:50,000 scale, 30'x60' quadrangle maps published between 1977 and 1986

Morrison County Land Use Statistics
Source: The Land Management Information Center (LMIC)

DESCRIPTION	ACRES	% ACRES
Urban/Industrial	1,022	0.1
Farmsteads and Rural Residences	1,022	0.1
Other Rural Developments	1,022	0.1
Cultivated Land	1,022	0.1
Grassland	1,022	0.1
Shrubby Grassland	1,022	0.1
Regeneration/Young Forest	1,022	0.1
Mixed Forest	1,022	0.1
Deciduous Forest	1,022	0.1
Coniferous Forest	1,022	0.1
Wetlands: Bogs	1,022	0.1
Wetlands: Marsh and Fens	1,022	0.1
Water	1,022	0.1
Gravel Pits and Open Mines	1,022	0.1
Bare Rock	1,022	0.1
Exposed Soil, Sandbars, and Sand Dunes	1,022	0.1
Unclassified/Unlabeled/Outside State or County	1,022	0.1
TOTAL	26,762	100%

Camp Ripley Land Use Statistics
Source: The Land Management Information Center (LMIC)

DESCRIPTION	ACRES	% ACRES
Urban/Industrial	1,022	0.1
Farmsteads and Rural Residences	1,022	0.1
Other Rural Developments	1,022	0.1
Cultivated Land	1,022	0.1
Grassland	1,022	0.1
Shrubby Grassland	1,022	0.1
Regeneration/Young Forest	1,022	0.1
Mixed Forest	1,022	0.1
Deciduous Forest	1,022	0.1
Coniferous Forest	1,022	0.1
Wetlands: Bogs	1,022	0.1
Wetlands: Marsh and Fens	1,022	0.1
Water	1,022	0.1
Gravel Pits and Open Mines	1,022	0.1
Bare Rock	1,022	0.1
Exposed Soil, Sandbars, and Sand Dunes	1,022	0.1
Unclassified/Unlabeled/Outside State or County	1,022	0.1
TOTAL	26,762	100%

Land Use Data Sources

- Remote Sensing - Department of Geography, Brainerd and Clearwater County Soil and Water Conservation Districts - Source: Imagery Dates: 1991-1996
- Manitoba Remote Sensing Centre - Source: Imagery Dates: 1991-1996
- Rochester - Olmsted Planning Department - Source: Photogrammetry Date: 1992
- The International Coalition - Source: Photogrammetry Dates: 1988-1990
- Metropolitan Council - Source: Photogrammetry Date: 1990
- Department of Natural Resources - Division of Forestry - Resource Assessment - Source: Imagery Date: 1992, 1993 and 1996

Map Projection Location

ABOUT THIS MAP

Data Sources: The land use / land cover categories displayed on this map were derived from sources that included the U. S. Department of Agriculture, Agricultural Stabilization and Conservation Service's (ASCS) low altitude, section-centered, 35mm color aerial photography taken during 1988-1990 and U.S. Fish and Wildlife Service National Wetlands Inventory (NWI) 1:24,000-scale field maps. Landsat satellite images (date unrecorded) were used to verify the classifications.

Data Interpretation and Computerization: The project was coordinated by The International Coalition for Land and Water Stewardship in the Red River Basin. Land use / land cover interpretation was performed by DPA International. The smallest area interpreted was approximately 2.5 acres.

Land use / land cover information was transcribed on to stable-base mylar registered to U.S. Geological Survey 1:24,000-scale topographic maps and then digitized by DPA International or Alexander Technical College staff. Minnesota Department of Natural Resources MIS Bureau staff then joined the digitized files together to create county coverages.

On-line documentation: <http://lucy.lmic.state.mn.us/metadata/lsu89.html>

Credits and Acknowledgements

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- Alexander Technical College - GIS Program
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- Minnesota Board of Water and Soil Resources
- Minnesota Department of Natural Resources
- Minnesota Land Management Information Center
- North Dakota State University - Agricultural Engineering Department
- The Red River Management Board
- University of Minnesota - Department of Forest Resources
- University of North Dakota - Geography Department
- Wisheit, Smith and Naiting

Map Projection: UTM, Extended Zone 15
Datum: NAD83

Liability statement

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Distribution information

This map was prepared in April, 1999. Both the map and the data used to create it are available from the Land Management Information Center at Minnesota Planning.

You may also view a generalized, interactive land use map of Minnesota, along with detailed information about land use data at:

<http://mapserver.lmic.state.mn.us/landuse>

For further assistance, or to order copies of this map, contact:

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Minnesota Planning

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