

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: LTRMP Reports

Name: Upper Mississippi River Pool 8 Long Term Resource Monitoring (LTRMP)

Type: Baseline Monitoring

Subtype: Analysis of Baseline Data

Status: ACTIVE

Start Date: 8/10/2000

End Date: 12/31/2099

Purpose: The Upper Mississippi River Pool 8 Long-Term Resource Monitoring Status Report provides a brief summary of fisheries, water quality, and aquatic vegetation data collected in Mississippi River Pool 8. Report summarize data in context with the period of record for Stratified Random Sampling (25 years for fish and water quality, 20 years for aquatic vegetation). A summary of mean historic, daily, annual, and growing-season discharge, as well as spring flood-pulse statistics is also provided as context for understanding the long-term data. Data collection and report development was led by the Wisconsin DNR's Long Term Resource Monitoring (LTRM) Field Station, a partner in the Upper Mississippi River Restoration (UMRR) program.

These reports are designed to provide river managers with a brief overview of conditions in Navigation Pool 8 along with information to help understand conditions compared to previous years; it is not intended to be a comprehensive set of analyses nor in-depth interpretation of findings. Rather, numerous links are contained within the report that will direct the interested reader to online data-retrieval and data-visualization tools that can easily provide the user with additional insights. These links also provide the opportunity to compare data across all UMRR – LTRM study reaches for greater awareness of how conditions or patterns observed in Pool 8 compare to other UMR reaches.

Data collection efforts were completed by the following: Andrew Bartels, Alicia Carhart, Deanne Drake, Kraig Hoff, Calista Holman, John Kalas, and Phillip La fond. The report was authored by Andrew Bartels, Alicia Carhart, Deanne Drake, and John Kalas.

Objective: [Read about the cooperative research of the Upper Mississippi River Field Station.](https://www.umesc.usgs.gov/field_stations/fs2/coop_research.html)

[Long-Term Resource Monitoring page with reports and access to data.](https://www.umesc.usgs.gov/data_library/water_quality/water_quality_page.html)

Comments:

Outcome: The main activity of the Wisconsin Department of Natural Resources Mississippi River Monitoring Field Station at La Crosse is performing standardized monitoring of the upper Mississippi River. Funding comes from the federal Environmental Management Program's Long Term Resource Monitoring element and the Environmental Monitoring and Assessment Program for Great River Ecology (EMAP-GRE). Key river-related resources monitored are fish, water quality, vegetation, land cover/land use, and invertebrates. In addition, Long Term Resource Monitoring Program (LTRM) employees monitor sediments and others.

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
CARHART, ALICIA M	COORDINATOR	ACTIVE	8/10/2000	12/31/2099	Wisconsin DNR	
FISCHER, JAMES R	SUPERVISOR	COMPLETE	8/10/2018	5/18/2024	Wisconsin DNR	

Project Statuses

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Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
Monitor Baseline Survey	Upper Mississippi River Pool 8 Long Term Resource Monitoring - 2017 Status Report	8/10/2000	12/31/2099	COMPLETE

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
721000	4	Mississippi (Reach 4) Coon-Yellow - Pool 8 portion - LD 8 to Root R.)	Mississippi River

Lab Account Codes

Account Code	Description	Start Date	End Date
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Forms

Form Code	Form Name
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Methods

Method Code	Method Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
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Documents

Title	Description	Author	Published	Comments
Long-Term Resource Monitoring Program - Upper Mississippi River Photo	https://www.umesc.usgs.gov/data_library/water_quality/water_quality_page.html	WDNR	8/1/2018	
Upper Mississippi River Pool 8 Long Term Resource Monitoring - 2017 Status Report	Upper Mississippi River Pool 8 Long Term Resource Monitoring - 2017 Status Report	Mississippi River LTER Team	8/10/2018	

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Upper Mississippi River Pool 8 Long Term Resource Monitoring - 2018 Status Report	This report summarizes the annual increment of monitoring work accomplished in 2018 by the Wisconsin Department of Natural Resources - La Crosse Field Station for the Long Term Resource Monitoring Element (LTRM) of the Upper Mississippi River Restoration Program (UMRR). Herein, we report data and observations for hydrology, water quality, aquatic vegetation, and fish in Navigation Pool 8 of the Mississippi River, emphasizing the current sampling year in the context of recent and historic trends.	WDNR - Mississippi River Monitoring Field Station	6/1/2019	
Upper Mississippi River Pool 8 Long-Term Resource Monitoring Year 2020 Status Report	Upper Mississippi River Pool 8 Long-Term Resource Monitoring Year 2020 Status Report	Upper Mississippi Team Pool 8 Station 2	7/1/2021	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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