



INTRODUCTION

The Western Lake Erie Basin (WLEB) Partnership is a tri-state partnership dedicated to enhancing multi-purpose projects that improve land and water resource management in the basin and promote a healthy productive watershed. To achieve this mission, the WLEB created strategic objectives to address a growing number of water quality concerns - such as, nonpoint source pollution, toxics, hydrologic management, dredging, and sedi-

mentation. This factsheet, then, highlights multi-year monitoring efforts from Federal, State, and local sources, as well as, non-governmental organizations (NGO) when available. It displays streamflow and water quality data in both spatial and graphical formats - providing an informative view of the historical water data in the Maumee River basin.

What is the Credible Data Program?

In an effort to increase the information base available for enhancing, improving, and maintaining water resource quality, some states (Ohio and Indiana) have independently established credible data programs to define 3 levels of surface water quality data:

Level 1 data is collected by the numerous volunteer stream and lake monitoring programs. Data at this level are used for purposes of awareness and educational activities

Level 2 data helps with the initial screening of water quality problems to determine if additional studies are needed.

Level 3 data are the highest level and help with a variety of regulatory and management decisions.

DATA SOURCES

NGO water data are represented in the WLEB by the *St. Joseph River Watershed Initiative (SJRWI)* whose mission is to promote economically and environmentally compatible land uses that improve water quality in the St. Joseph River watershed.

- An electronic database of the water quality monitoring results dating from 1996 is available upon request (260-484-5848 x 120).

Local/Academia water data are represented in the WLEB by the *City of Fort Wayne, Indiana*, who collects water quality data in an effort to improve river water quality.

- More information can be obtained at: <http://www.cityoffortwayne.org>

State water data are represented in the WLEB by the: *Ohio Environmental Protection Agency (OEPA)* Division of Surface Water who conducts biological and chemical water quality monitoring to assess the quality of Ohio's lakes and streams.

- More information can be obtained at: <http://www.epa.state.oh.us/dsw>

Indiana Department of Environmental Management (IDEM) who provides the water quality and hydrological data required for the assessment of Indiana's waters.

- More information can be obtained at: <http://www.in.gov/idem/index.htm>

Michigan Department of Natural Resources and Environment (DNRE) who oversees the protection of the quality of surface waters through monitoring water and sediments.

- More information can be obtained at: <http://www.michigan.gov/dnre>

Federal water data are represented in the WLEB by the: *U.S. Geological Survey, Water Resources Discipline* who provides reliable and timely water resource information.

- Access to the data are available at: <http://waterdata.usgs.gov/nwis>

U.S. Environmental Protection Agency (USEPA) who protects and restores watersheds and aquatic ecosystems.

- More information can be obtained at: <http://www.epa.gov/OW/>

Contact Us

Western Lake Erie Basin Partnership

Website: web.org

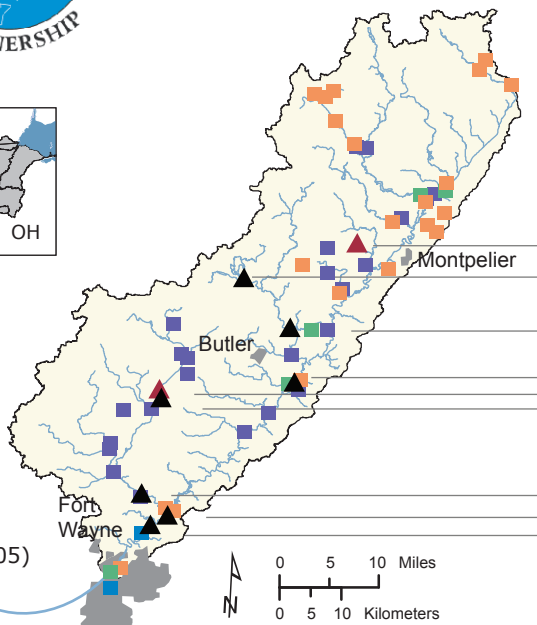
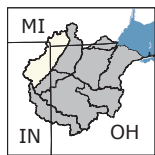
Email: wlehelp@web.org



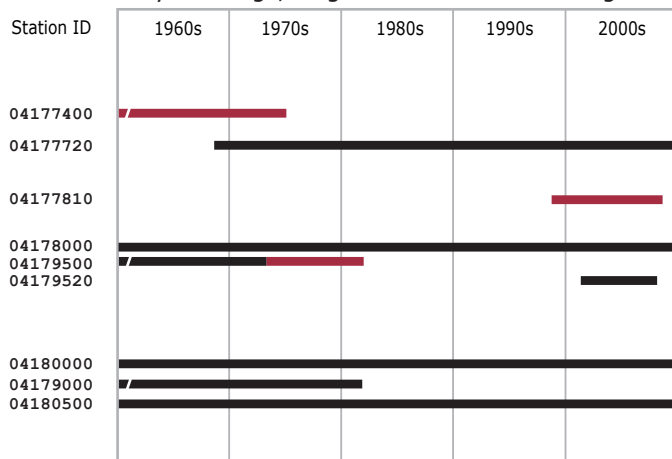
Historical Assessment of Streamflow and Water Quality Activities

St. Joseph River Watershed (04100003)

2009



PERIOD OF RECORD Daily Discharge, Stage or Peak Streamflow Gages



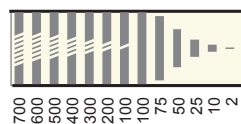
EXPLANATION

This factsheet highlights multi-year monitoring efforts from Federal, State, local and academic sources, as well as non-governmental organizations. It displays streamflow and water quality monitoring activity in both spatial and graphical formats; providing an informative view of historical water data in the Maumee River basin.

FLOW NETWORK

- ▲ Daily Discharge Gage
- ▲ Stage or Peak Streamflow Only

SAMPLING FREQUENCY (Samples per year)



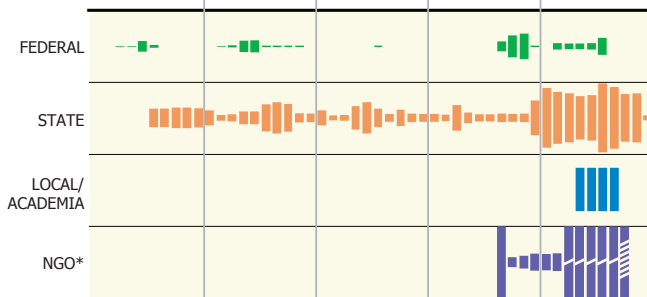
WATER QUALITY SAMPLING NETWORK

- Federal: U.S. Geological Survey, U.S. Environmental Protection Agency
- State: Ohio Environmental Protection Agency, Indiana Dept. of Environmental Mgmt., Michigan Dept. of Natural Resources and Environment
- Local/Academia: City of Fort Wayne
- NGO*: St. Joseph River Watershed Initiative

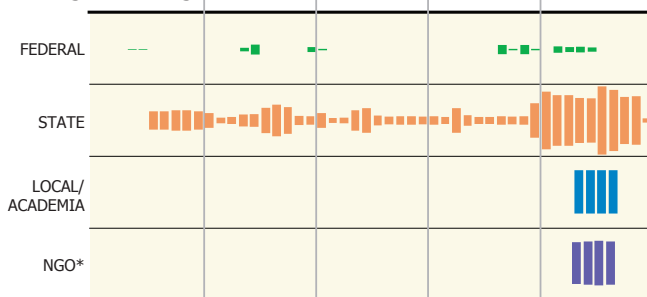
GAGE NETWORK SCHEMATIC

Station ID	Station Name	Flow Network
04177400	Eagle Creek tributary near Montpelier, OH	
04177720	Fish Creek at Hamilton, IN	
04177810	Fish Creek near Artie, IN	
04178000	St. Joseph River near Newville, IN	
04179500	Cedar Creek at Auburn, IN	
04179520	Cedar Creek at 18th Street at Auburn, IN	
04180000	Cedar Creek near Cedarville, IN	
04179000	St. Joseph River at Cedarville, IN	
04180500	St. Joseph River near Fort Wayne, IN	
FLOW TO UPPER MAUMEE (04100005)		

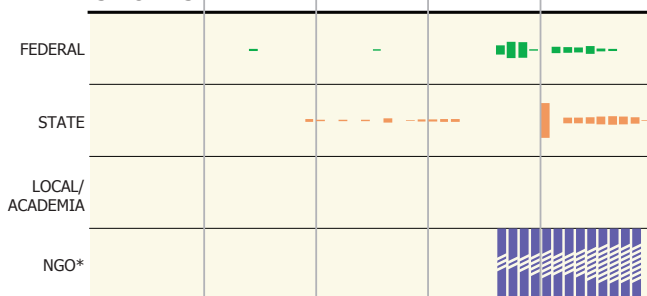
NUTRIENTS



SEDIMENTS



PESTICIDES



Water Quality Sampling Frequency (samples per year)

*(NGO) Non-Governmental Organization