

# Surface-Water Quality Network for Streams in the Lake Michigan Basin



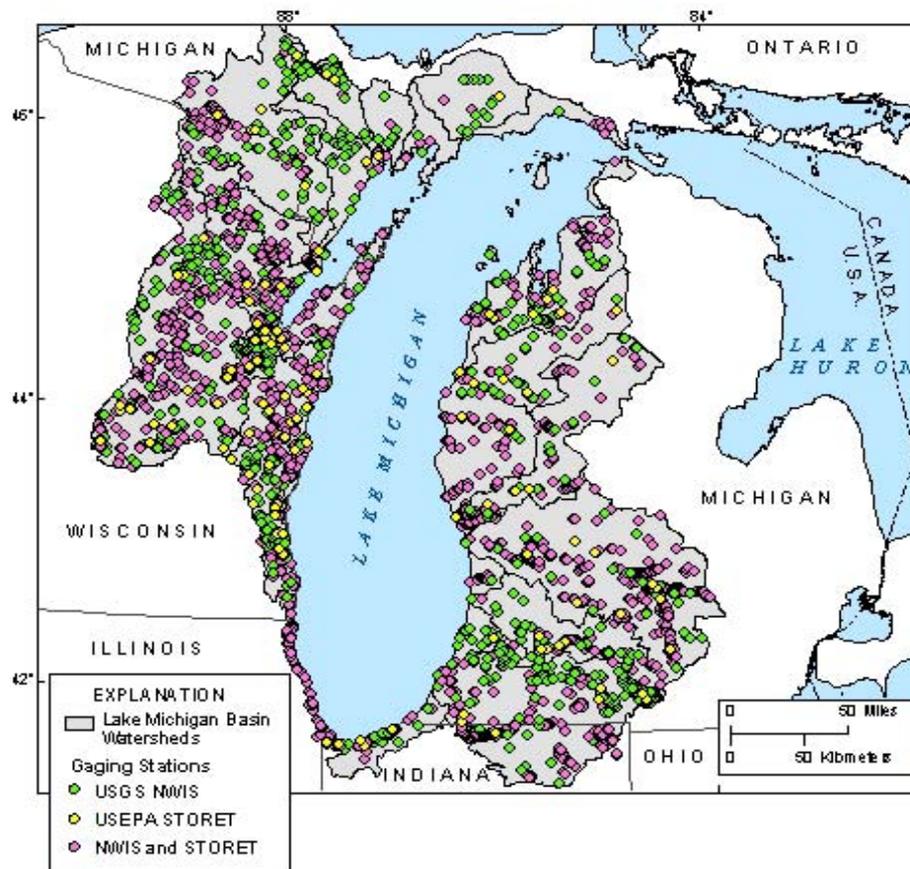
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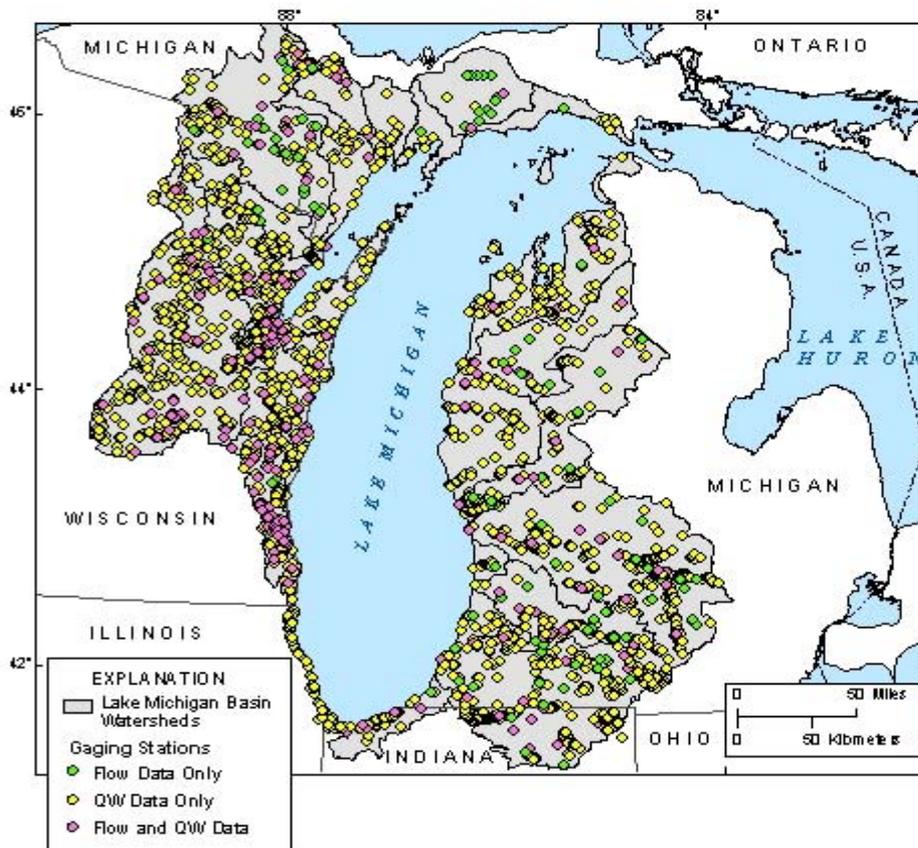
# Map of the Lake Michigan Basin

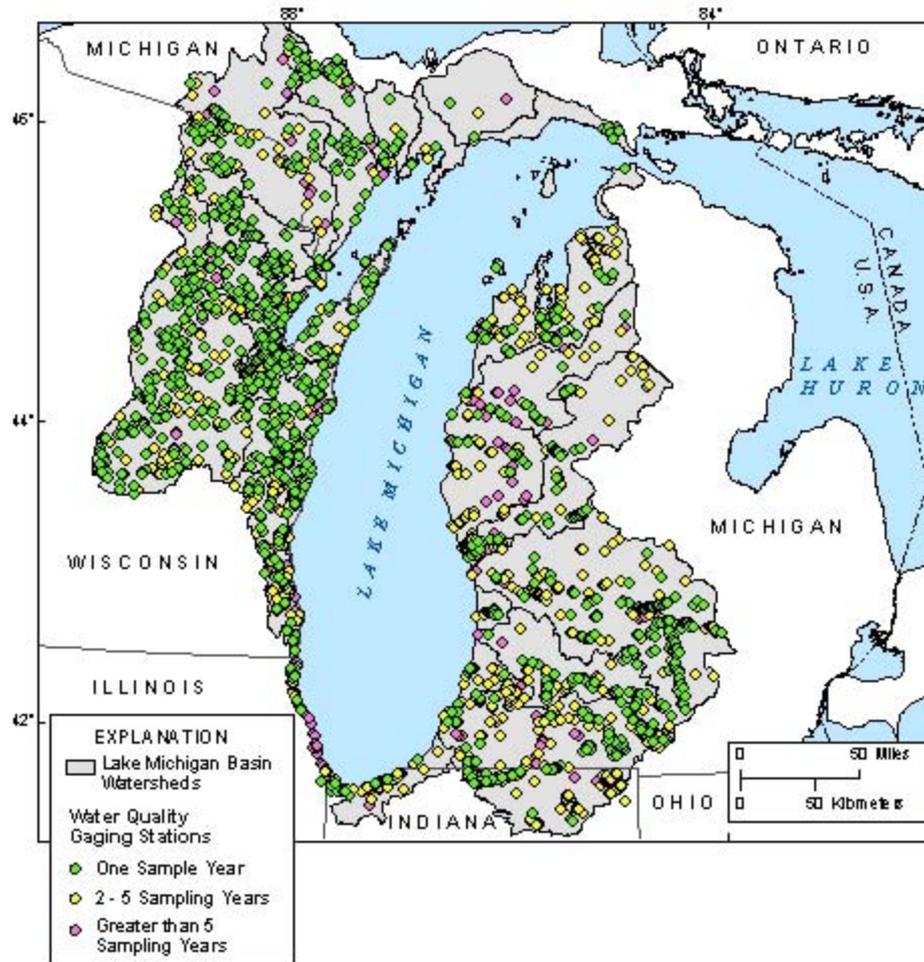


# NWIS and STORET Data Sources

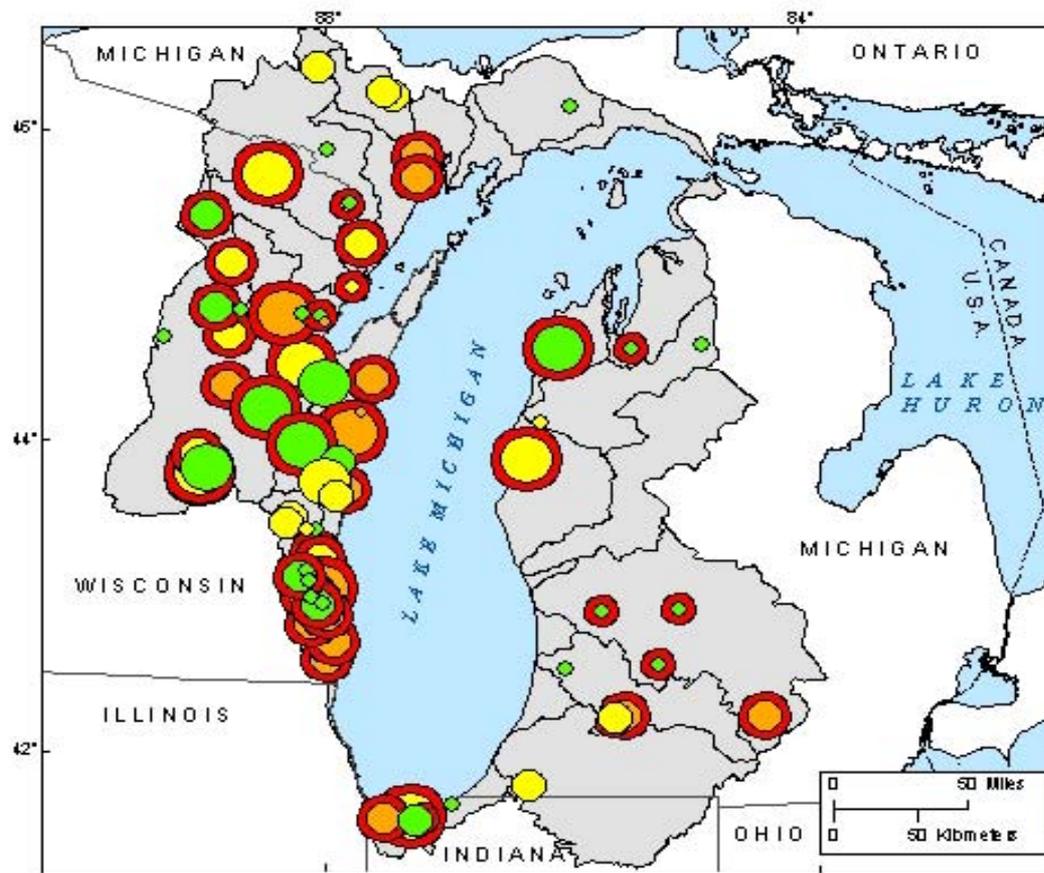


# Stations: Flow Data or WQ Data or Both

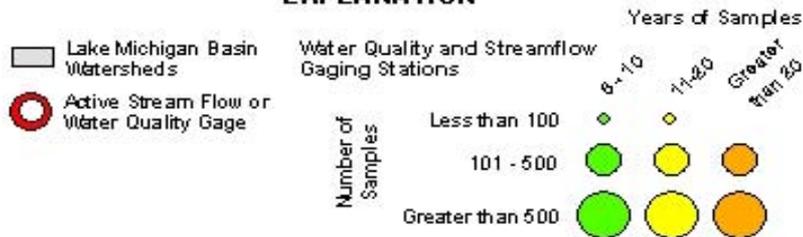




# Number of Years of Water Quality Data



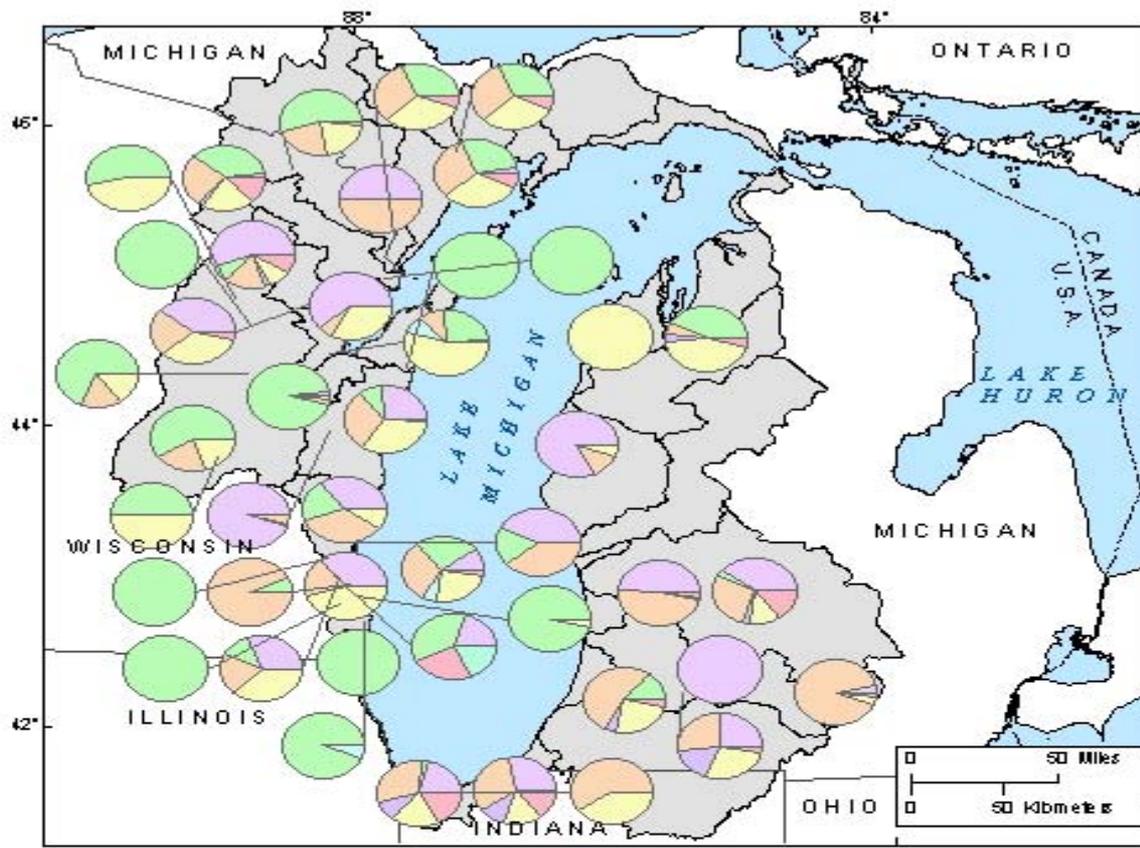
**EXPLANATION**



# Number of Samples and Time in Years

# Water Quality Parameters

- Surface-water station records with water-quality data in NWIS and/or Storet were retrieved
- The retrieved set of historic data is not comprehensive but should be representative of the historic data.
- 51 Surrogate parameters used to locate records : 7 nutrients, 14 organics, 12 trace elements, 11 PCB and 2 sediment codes were retrieved to represent existing data.
- On the following figure, one parameter from each of the five groups was selected to represent the group – for example total phosphorus was selected to represent nutrients.



**EXPLANATION**

□ Lake Michigan Basin Watersheds

○ Constituent Groups



- SED\_P00530
- SED\_P80154
- ION\_P00940
- ORG\_P39632
- ORG\_P32730
- NUT\_P00665
- [Red]

**Types Of Data That Exist At Stations With Long-Term Record.**