Databases and Tools

Surface Water Integrated Monitoring System (SWIMS)
http://prodoasint.dnr.wi.gov/swims/login.jsp (from within DNR only) https://dnrx.wisconsin.gov/swims/login.jsp (from outside DNR)

The Surface Water Integrated Monitoring System (SWIMS) is a Water Division data system designed to ensure that staff and management have access to high quality surface water, sediment, and aquatic invasive species data in an accessible format. The SWIMS System is interrelated with other data systems at the DNR and outside the agency. The SWIMS system is managed by the Bureau of Watershed Management.
Monitoring activities:

- Establish new monitoring stations or look up information and data on existing monitoring stations.
- Map precise locations of monitoring stations on a GIS hydro layer.
- Generate printed lab slips to accompany collected monitoring samples.
- Download monitoring data into a comprehensive statewide database system. o Edit project information.
- Store related reports and photos.

Fisheries Management Database (FMDB)
https://infotrek.er.usgs.gov/wdnr_bio
Data collected as part of statewide fisheries and habitat sampling and fisheries stocking activities are stored in the Fishery and Habitat Biology Database (FHDB). The Fish Database is a centralized Internet transactional and warehouse system deployed in January 2001, and is accessible to all DNR Water Division staff. Propagation summaries are accessible to the public through an associated public website.The database serves as the central repository of all fish stocking, and fish and habitat survey information collected in the state.

- Centralized database for all statewide fish surveys, wadeable stream habitat surveys, and fish propagation information.
- Raw data are available for export and analysis, and a number of summary reports are available in the database.

Register of Waterbodies (ROW) and 24 K Hydrolayer
http://prodoasint.dnr.wi.gov/row/welcome.do (from within DNR only)
The Register of Waterbodies (ROW) is the official WDNR surface water inventory database. It contains waterbody name, waterbody ID code (WBIC) and various physical characteristic data such as size, depth, substance composition and shoreline length. ROW was populated with selected information from the old Master Waterbody and Surface Water Inventory files. Much of the data from those systems was obtained from the County Surface Water books the Department generated back in the 1960s. Whenever a WDNR staff person visits a waterbody, a Waterbody ID Code (WBIC) was assigned to uniquely identify it. WBICs are requested and assigned through the ROW system. However, in 2007, waterbodies in DNR's 24K hydrolayer that did not have a WBIC were assigned one. The register of Waterbodies is maintained by the Water Division

Surface Water Data Viewer (SWDV)
https://dnrmaps.wi.gov/H5/?viewer=SWDV
A tool for water data display and integration. Wetland, Waterway Protection, Dam and Floodplains, Surface Water Quality, Fisheries, Aquatic Invasive Species, Monetary Grants, Surface Water Outfalls, Hydrography and Watersheds data.

- Locate monitoring station without logging in to the SWIMS system.
- Identify the latitude and longitude for your monitoring station.

Water Condition Viewer (WCV)
https://dnrmaps.wi.gov/H5/?viewer=Water_Condition_Viewer
Water monitoring, assessment and condition data. The WCV contains monitoring projects, stations, assessment data, impaired waters data, and more.

Water Assessment Tracking and Electronic Reporting System (WATERS)
http://prodoasint.dnr.wi.gov/wadrs/login.jsp (from within DNR only)
WATERS supports water quality standards and assessment, Goals Reporting, and Watershed Planning. WATERS holds decisions and information regarding the status of rivers, streams, and lakes, as well as Great Lakes shoreline miles including a variety of use designation, assessment, management uses, and linkages to documents or reports supporting decisions about a waterbody.

- Clean Water Act Use Designations and Classifications (NR102, NR104)
- Outstanding and Exceptional Resource Waters Designations (NR102)
- Clean Water Act assessment data, including decisions regarding a waterbody meeting attainable use or whether or not the waterbody is considered "impaired"
- Fisheries Trout Classifications (Administrative Code, NR 1.02(7))
- Watershed Planning