Wisconsin Water Use

Data and maps

Great Lakes Compact

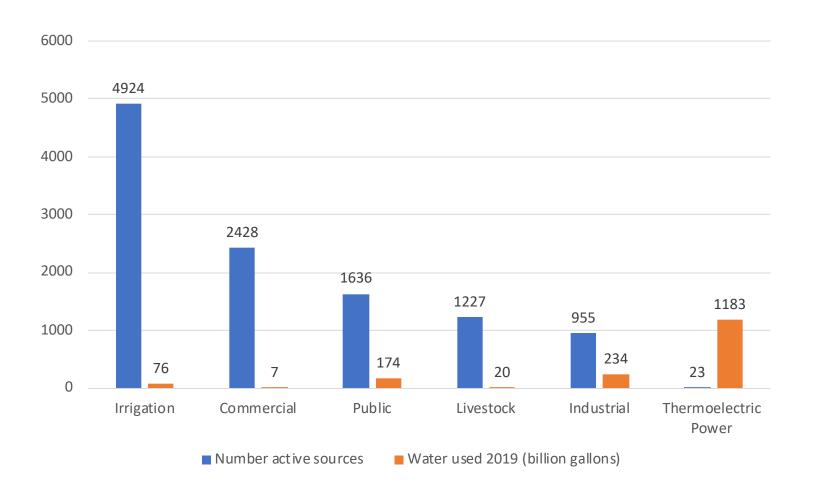
- Went into effect in 2008
- Ban on water diversions out of the basin
- Registering and reporting large groundwater and surface water withdrawals is required
- Annual water use fees
- Wisconsin has an active Water Use program



Wisconsin Water Use Data and Maps

- High capacity well owners & property owners who withdraw surface water report their water use each year. They can report online, or using a paper form.
- The public can see water use data via. a public website.
- The public can also browse data through a map viewer.
- Once a year, our program produces a report summarizing the data.

Number of sources vs. water used









REPORTING WATER USE

Registered withdrawers are required to measure or estimate the volume of water they withdraw every month and report that information annually to the DNR. Withdrawals may be reported by the property owner or by an authorized lessee, agent or operator of the source. Even if water is not withdrawn during the previous year, a withdrawal report is still required.

Reporting is required for:

- all high capacity well properties;
- permitted (Chapter 30, Wis. Stats.) surface water withdrawals;
- properties with a Water Use Permit (in the Great Lakes Basin); and
- any properties that withdrew an average of 100,000 gallons per day or more in any 30-day period.

The annual deadline for reporting is March 1.

OPTION 1: REPORT ONLINE

To report online, you need an active Wisconsin Access Management System Identification (WAMS ID), through Wisconsin's Department of Administration.

Water use in Wisconsin

Additional Resources

Great Lakes Compact

High capacity wells

Wells

Groundwater

For more information, contact:

Water Use Section

Drinking Water & Groundwater Program

tel:+1-608-266-2299

Wisconsin Department of Natural Resources

Drinking & Ground Water Use Information System

Welcome to the Water Use Reporting System

- The system will time out after 30 minutes so be sure to save your data often. If you see error messages on the screen when you click save, you will need to correct them in order to save your data and not lose it!
- You can send us an email from within the reporting screen to notify us of address changes or corrections, new owner or operator information or any question you have concerning reporting or your water sources. Just click Contact Us in the blue bar! You can also call us at (608) 266-2299.
- · You can add or change information in any of the yellow boxes. Give your properties and sources meaningful names so you don't have to remember our number identifiers!
- If you don't see all of the sources that you need to report or you need to change the WAMS User ID associated with your records, call us at (608) 266-2299 or click Contact Us
 on the blue bar above to make that change.

Begin Reporting

ıral Resources

Wisconsin Department of Natural Resources

Drinking & Ground Water Use Information System

Property

Property A No Z	Property Name	County	Owner No	Owner Name	Operator Name	Property Status	2017 Reporting Status	Action
6939		Sheboygan	299	- MONDLOCH, DAN & KIM	MIDWAY SYSTEMS INC - MONDLOCH, DAN		Incomplete	Enter Report View History

A property can have one or more wells

Well 1	Well 2	Well 3

Did you withdraw water from this source this year?	Select ▼	Select ▼	Select▼							
Reason for no withdrawal	Select ▼	Select ▼	Select ▼							
Water Use Category	Select ▼	Select ▼	Select ▼							
Water Use Code	Select ▼	Select ▼	Select ▼							
Water Use Description										
Method Code	Select ▼	Select ▼	Select ▼							
Method_Description										
Month	Withdrawal (gallons/month)									
Source Name										
January										
February										
March										
April										
May										
June										
July										
August										
September										



WATER USE DATA AND MAPS

Use the tools below to search for high capacity wells and surface water withdrawal sources. You can also see the amount of water withdrawn by month and year.

WATER QUANTITY DATA VIEWER

View the locations and volumes of high capacity well and surface water withdrawals on an interactive map. View pending high capacity well applications and approved wells. View water quantity data measurement locations.

· Water Quantity Data Viewer.

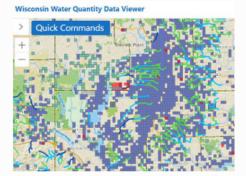
Long-term water level monitoring can assist with issues like groundwater flooding. Learn more about <u>water levels and groundwater flooding</u>.

NOTE: Not all applications or approval documents may be available for download. For advanced data requests including specific locations, shapefiles, etc. (not available in map view or query tool), please email the <u>Water Use Program</u>.

APPLICATION SEARCH

Search for pending or past high capacity well and surface water withdrawal applications. View approval request letters and approval letters.

· Search for applications.



Water use in Wisconsin

Additional Resources
Great Lakes Compact
High capacity wells
Wells
Groundwater

For more information, contact:

Water Use Section

Drinking Water & Groundwater Program

tel:+1-608-266-2299



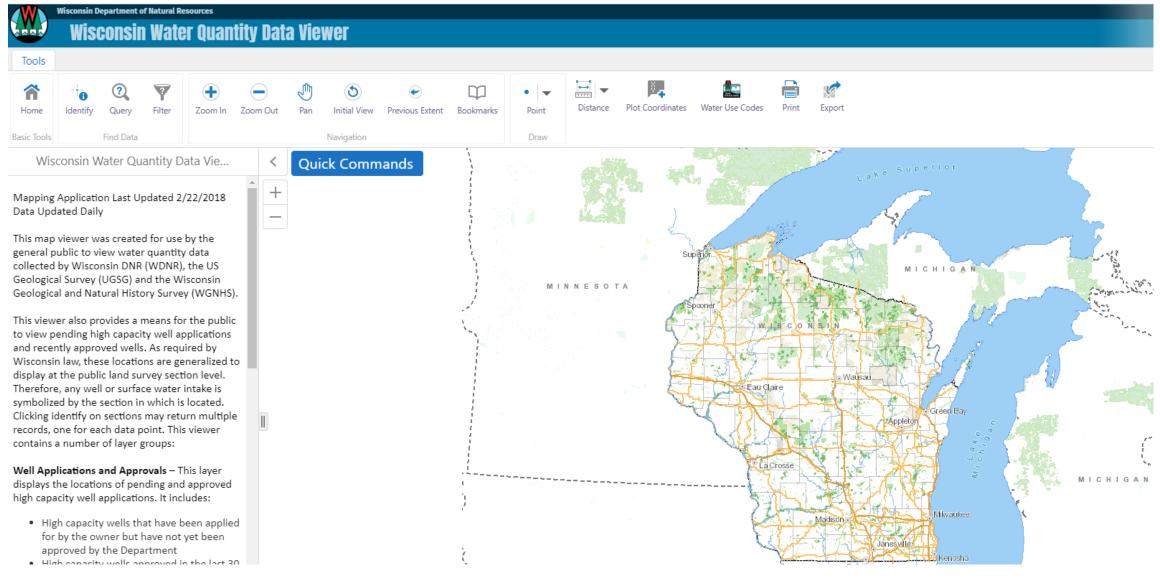
Public query tool

						Drinkin	g & Gr	ound V	Vater Use I	nformation Sy	stem				
															Application
Source Search	1														
Source Type			•			ter Sourc									
Owner Name 🕣									Owner# 😉			Property# 🕄			
County		A	Ashland →						Wate	Water Use Code 3		Select one or more water use code •			*
Status	Selec	t	*	WIU	nique	Well #			Sour	rce# 📵			HiCap Well	No	
Major Basin Co	de 🔁	-	Select-	-	•	Town	١		Rang	ge	DIF	2	v	Section	
Well Constructi	ion 🚯	F	From			То			Well	Well Approval 📵		From		То	
Max Approved(GPM) 📵	F	From			То	То								
Export to Excel Owner Name	\$		Search Town	Clear	†	Section	Well	Water Use Code	Well Approval	Well ConstructionZ Date	WI Unique Well #	♦ Status	Source †	Max Approved (GPM)	Action
LA POINTE, TOW ,	'N OF -	Ashland	50	3	W	12	72995	PS31	05/21/2013	06/11/2013	XC278	Active	Groundwater	65	View Water Us View WCR
BUTTERNUT, VILI OF - UTILITY - FU JOHN		Ashland	41	1	W	28	72670	PS11	10/09/2012	12/17/2012	YI504	Active	Groundwater		View Water Us View WCR
BUTTERNUT REGIONAL HOLD LLC - ,	INGS	Ashland	41	1	W	28	68264	IN10	06/14/2006	06/28/2006	TB476	Active	Groundwater	201	View Water Us View WCR
BUTTERNUT REGIONAL HOLD LLC - ,	INGS	Ashland	41	1	W	28	3107	IN10	04/05/2000	04/18/2000	OC507	Active	Groundwater	201	View Water Us

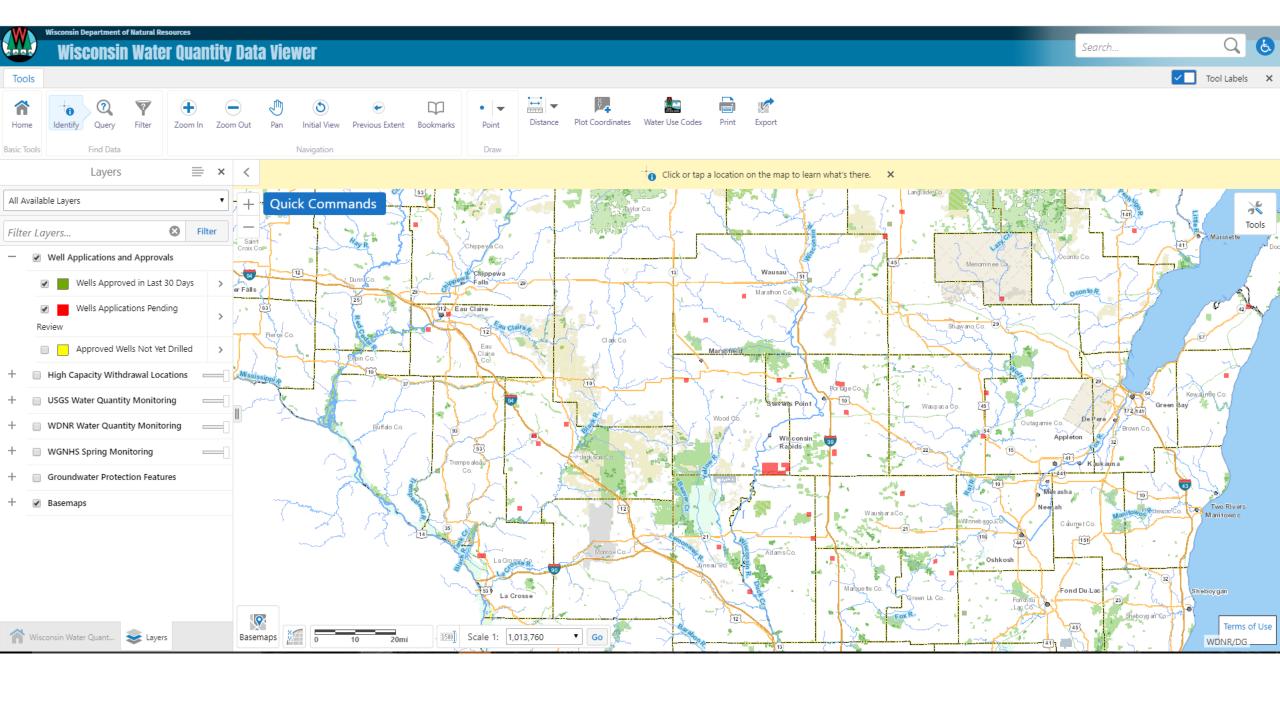
https://dnr.wisconsin.gov/topic/WaterUse/data.html

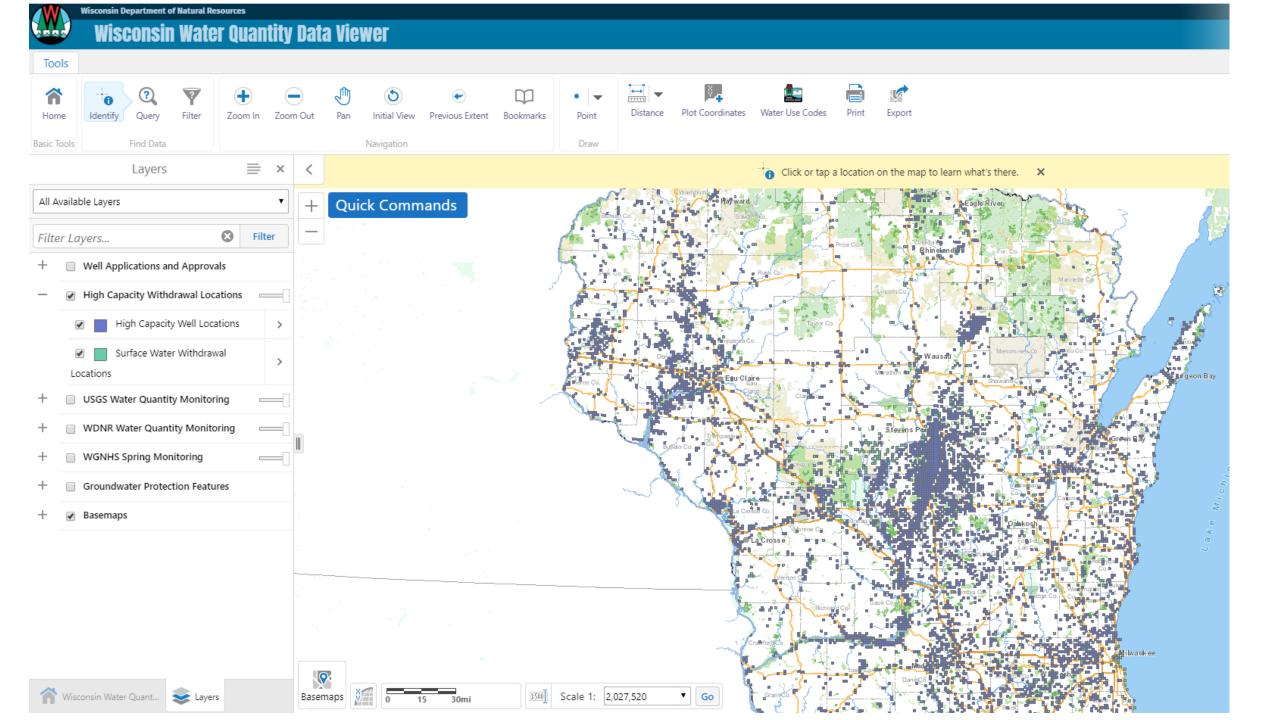
Water Use Category	Business/Commercial/School	Business/Commercial/School	Business/Commercial/School	Business/Commercial/School	Business/Commercial/School	
Water Use Code	PS31 - Public/non-transient	PS31 - Public/non-transient	PS31 - Public/non-transient	PS31 - Public/non-transient	PS44 - Business, retail	
Water Use Description	Public/Non-Transient/Non- Community potable use (examples are day cares and factories); all uses except academic institutions serving 25 or more people	Public/Non-Transient/Non- Community potable use (examples are day cares and factories); all uses except academic institutions serving 25 or more people	Public/Non-Transient/Non- Community potable use (examples are day cares and factories); all uses except academic institutions serving 25 or more people	Public/Non-Transient/Non- Community potable use (examples are day cares and factories); all uses except academic institutions serving 25 or more people	Businesses and retail stores, including office parks and malls serving 25 or more people 60 or more days per year	
Method Code	Totalizing flow meter	Totalizing flow meter	Totalizing flow meter	Totalizing flow meter	Totalizing flow meter	
Method_Description	Measured with a totalizing flow meter. Flow meters must be read and documented at least once every month.	Measured with a totalizing flow meter. Flow meters must be read and documented at least once every month.	Measured with a totalizing flow meter. Flow meters must be read and documented at least once every month.	Measured with a totalizing flow meter. Flow meters must be read and documented at least once every month.	Measured with a totalizing flow meter. Flow meters must be read and documented at least once every month.	
Month					Withdrawal (gallo	
January	28,424	23,190	14,213	28,426	31,418	
February	22,440	24,686	23,938	20,197	24,686	
March	32,164	28,426	39,647	29,922	29,922	
April	27,676	34,410	26,182	33,662	29,922	
May	21,692	25,434	26,182	27,678	23,938	
June	25,432	28,426	29,174	26,930	29,922	
July	21,692	28,426	28,426	31,418	26,182	
August	25,432	28,426	23,190	38,151	25,434	
September	26,928	21,693	27,678	30,670	26,930	
October	26,180	30,670	20,945	29,922	31,418	
November	23,936	32,166	35,158	26,930	25,434	
December	25,423	30,670	17,205	32,914	23,938	
Total	307,419	336,623	311,938	356,820	329,144	

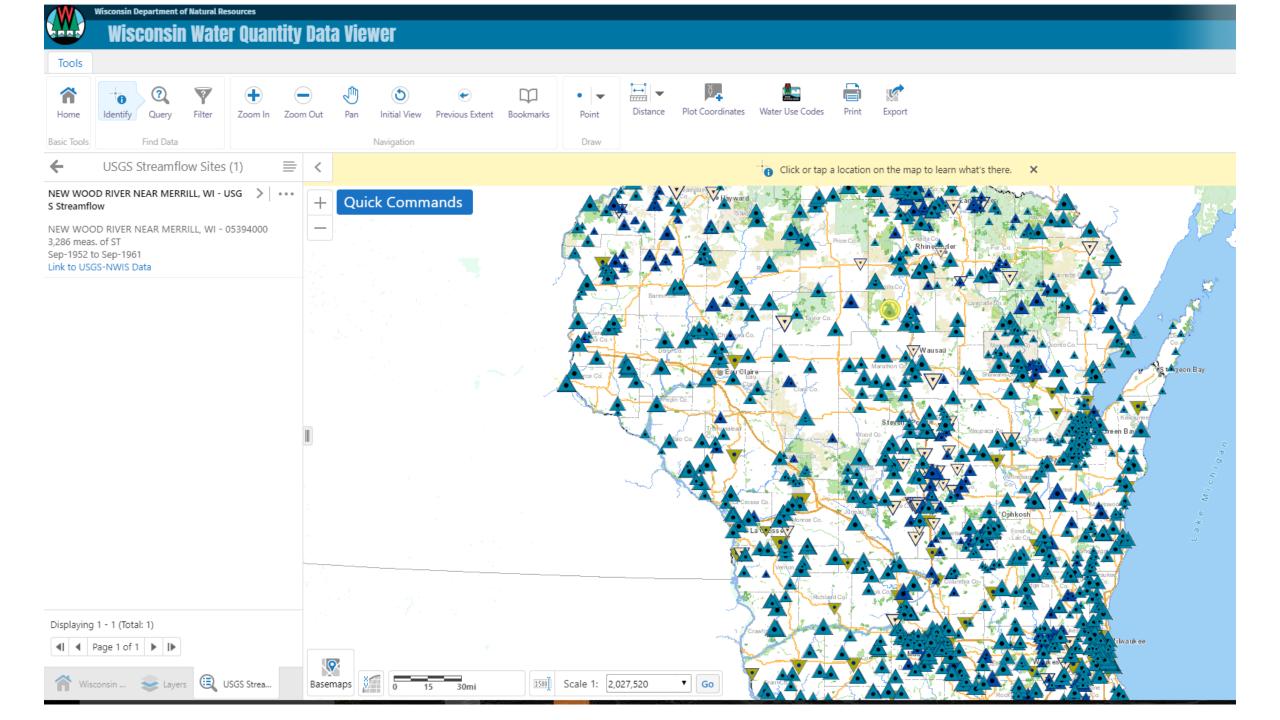
Pubic Map Viewer

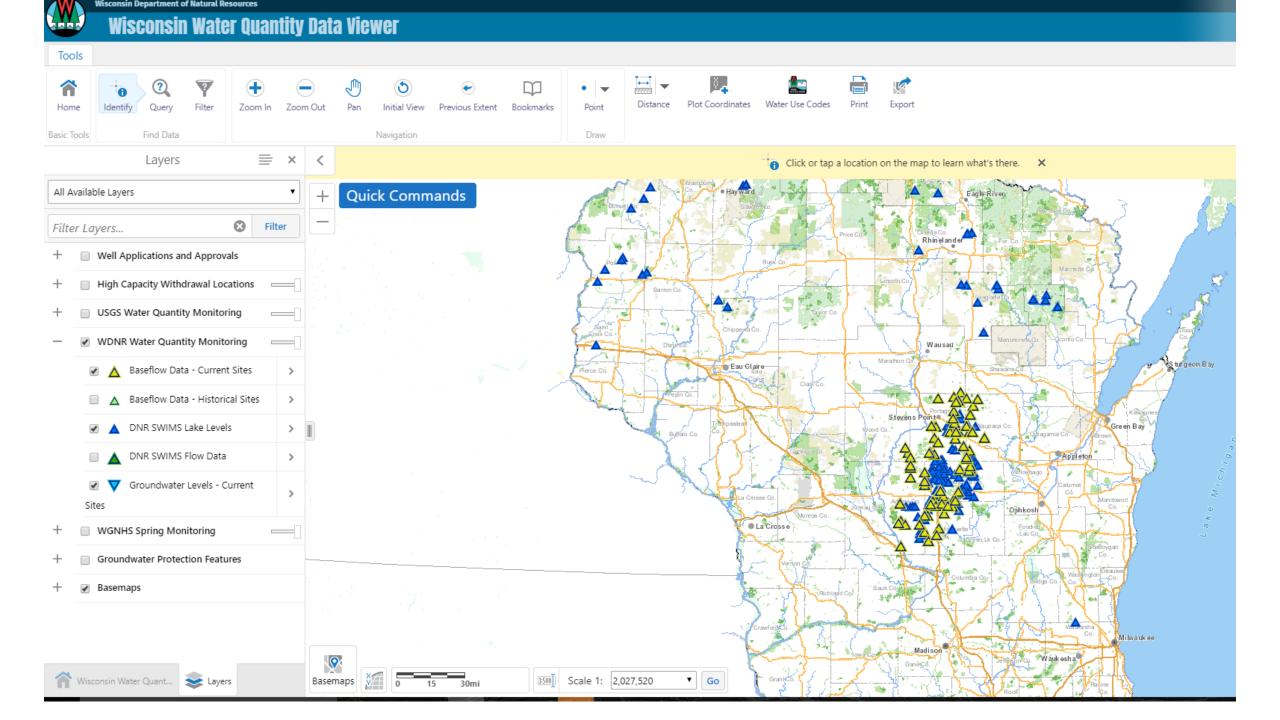


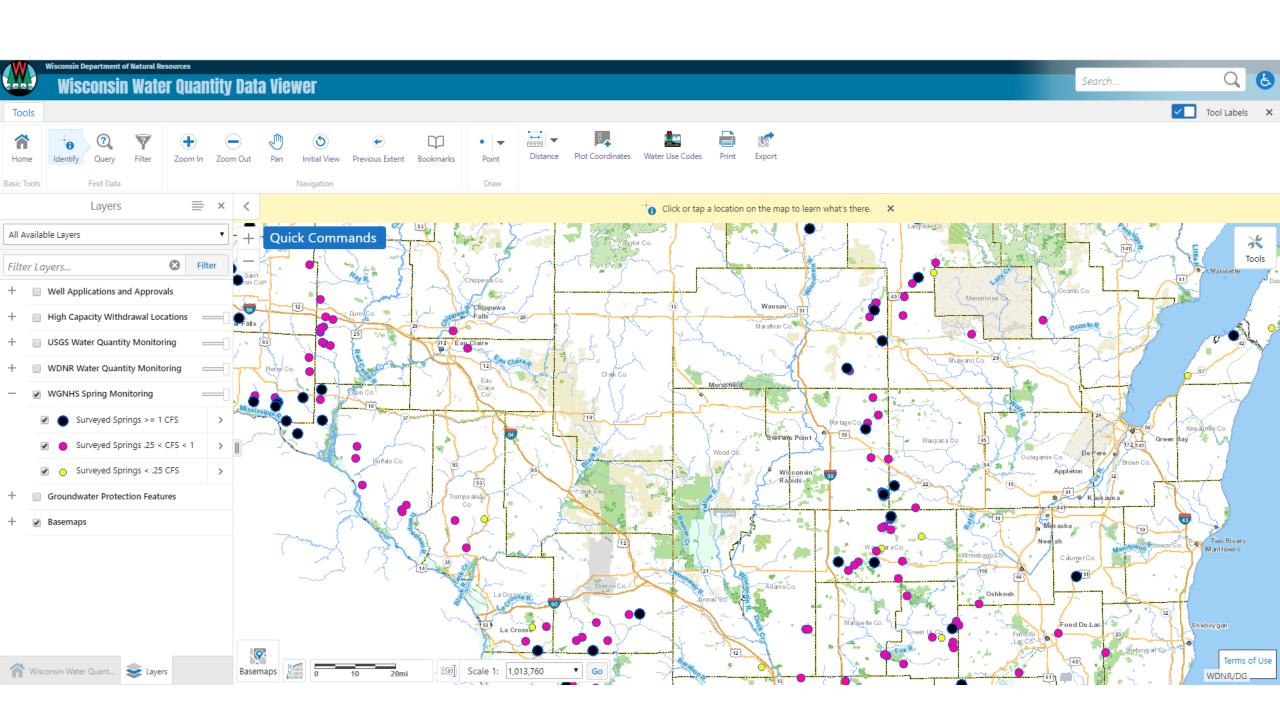
https://dnr.wisconsin.gov/topic/WaterUse/data.html

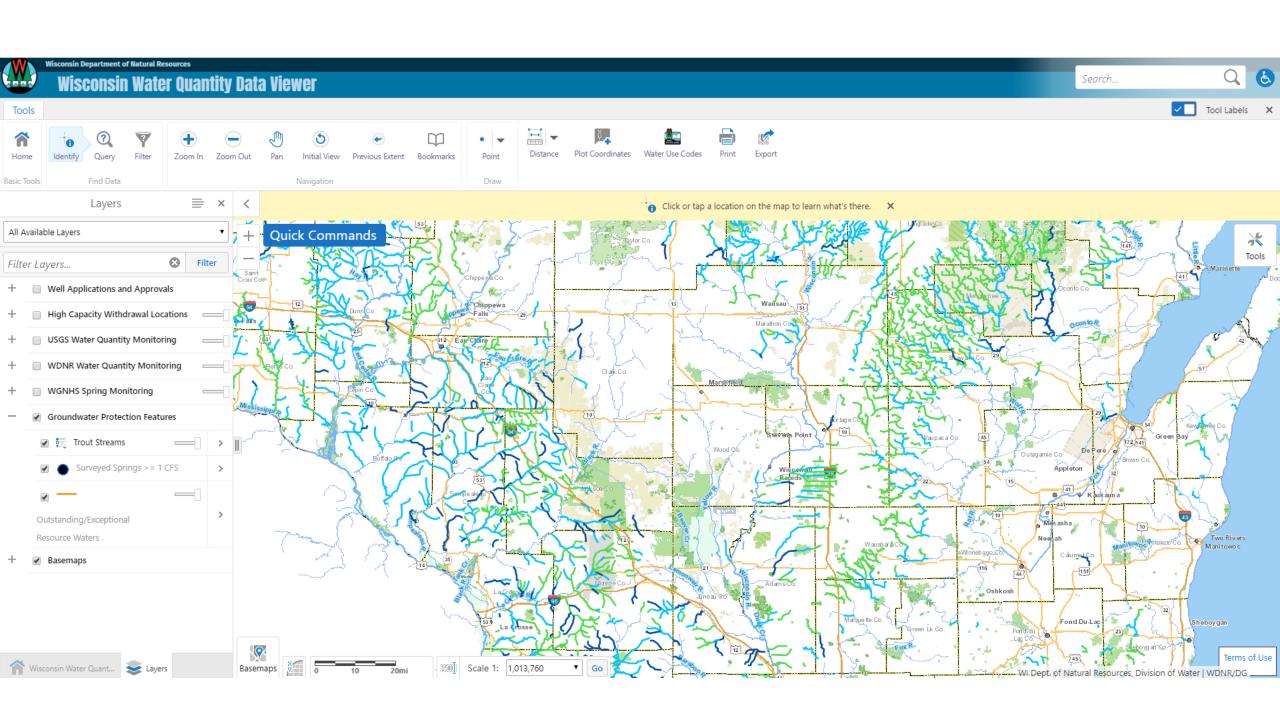








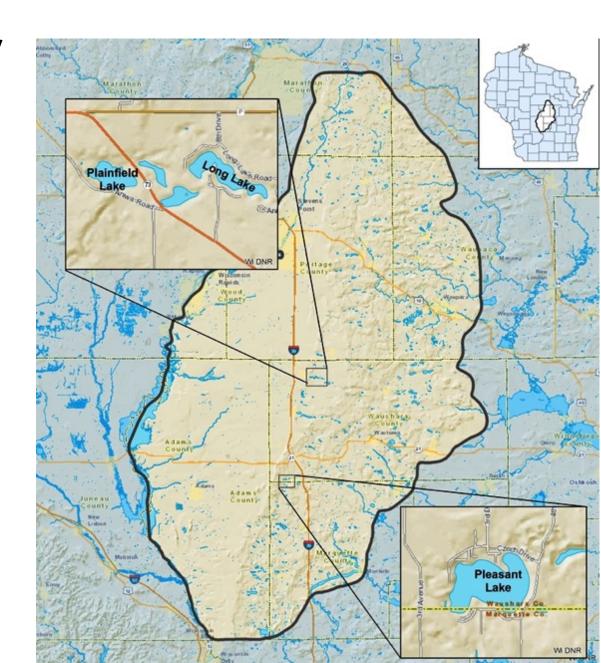




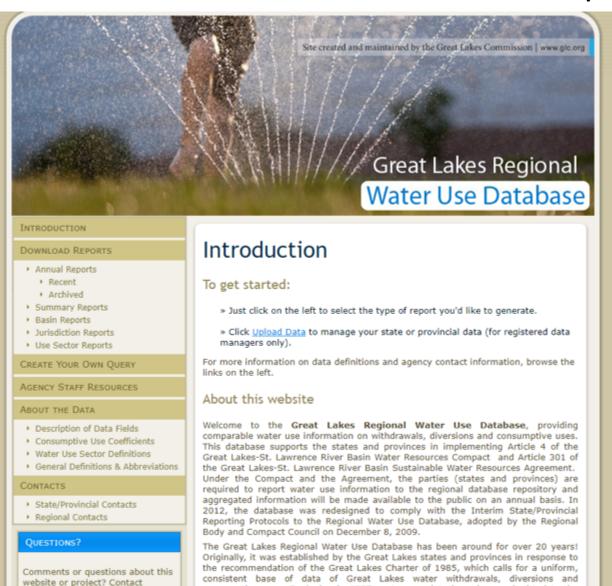
Central Sands Lake Study

A multi-year study, mandated by the Wisconsin Legislature. The study will include the use of a groundwater flow model to evaluate cumulative impacts from existing and potential groundwater withdrawals on the three lakes.

The DNR will determine if there is the potential for significant impacts to the lake's average seasonal levels as a result of groundwater withdrawals.



Great Lakes Commission Annual Reporting



Margo Davis, mdavis@glc.org

Great Lakes

consumptive uses. Beginning in 1987, water use data have been submitted to the

repository on an annual basis and reports provided to assist the jurisdictions in Great

Lakes-St. Lawrence River water resources planning and management. As specified

Great Lakes Commission Annual Report



Figure 5 shows total water withdrawals by jurisdiction over the past five years (excluding in-stream hydroelectric water use). Water use in each jurisdiction has generally stayed steady or decreased over the past five years. Variances from this general trend are typically explained by one or two large water users in those jurisdictions using more or less water from previous years. Figure 6 shows total consumptive use by jurisdiction over the past five years. Consumptive use in each jurisdiction follows a similar steady trend seen in overall water use. Québec's more variable trend in consumptive use reflects updates and improvements to reporting accuracy and consumptive coefficients. Because each water use sector has different consumptive use factors, changes in the makeup of each jurisdiction's water withdrawals can impact trends in consumptive use.

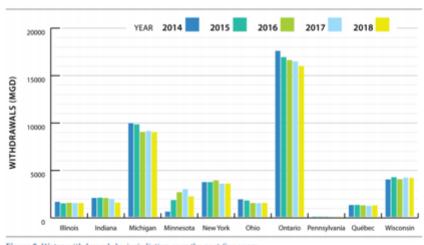
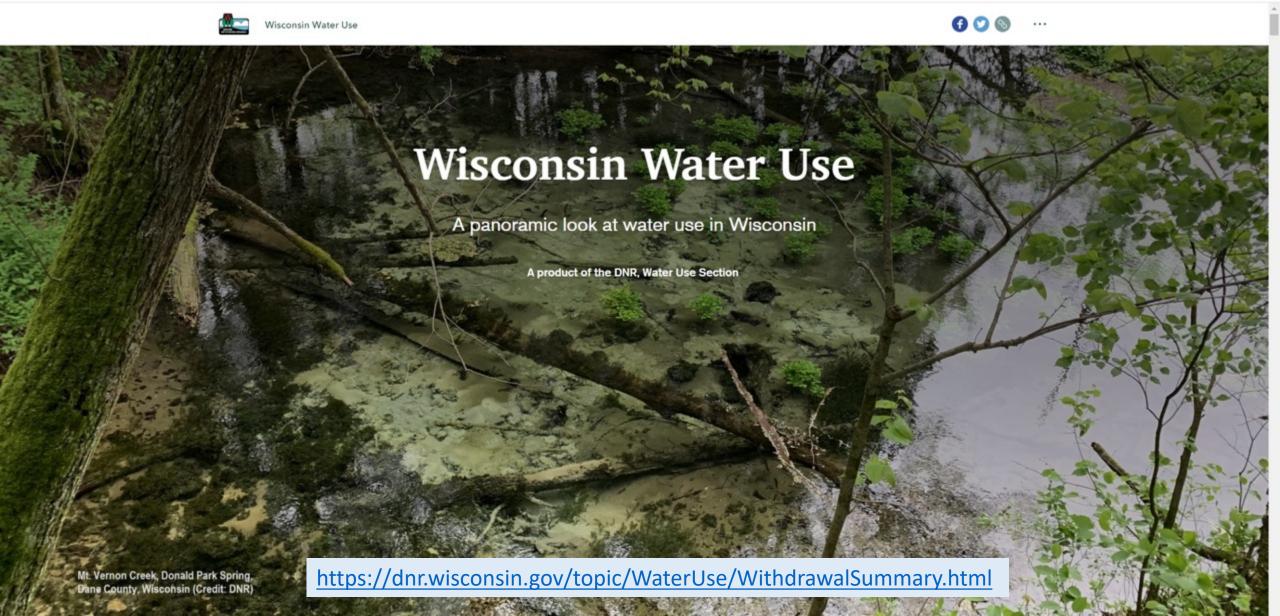
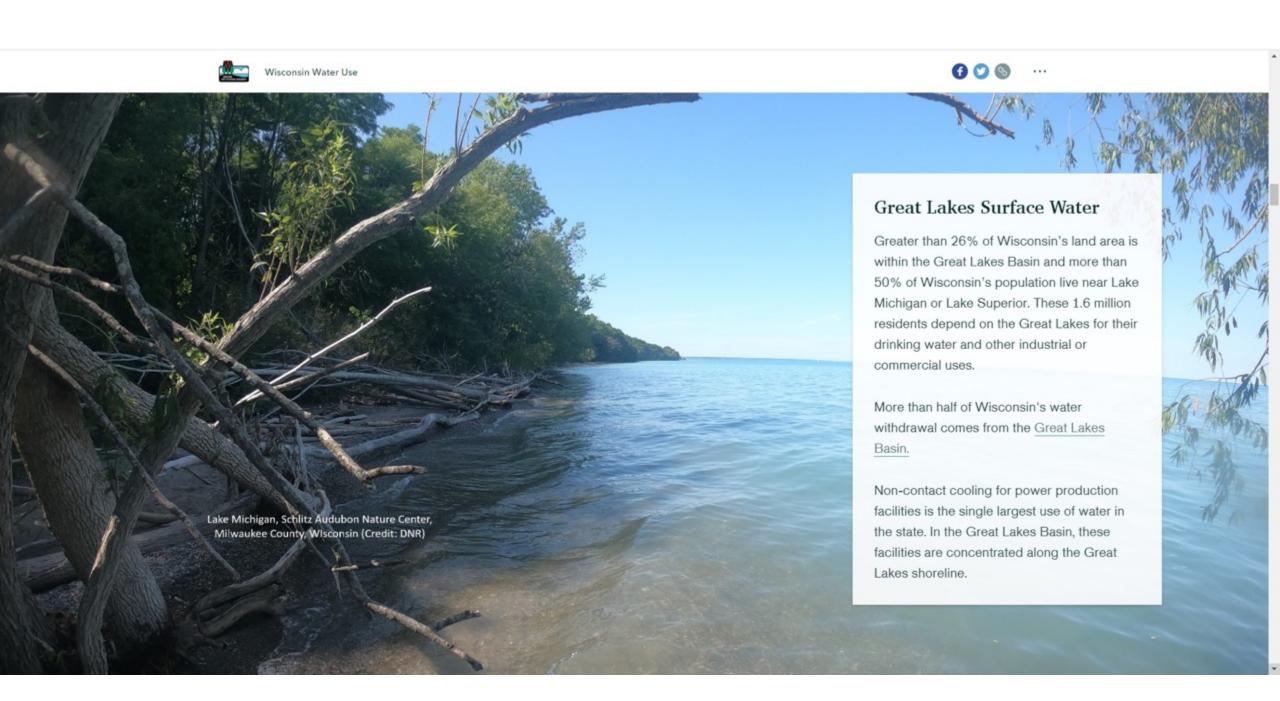


Figure 5. Water withdrawals by jurisdiction over the past five years.

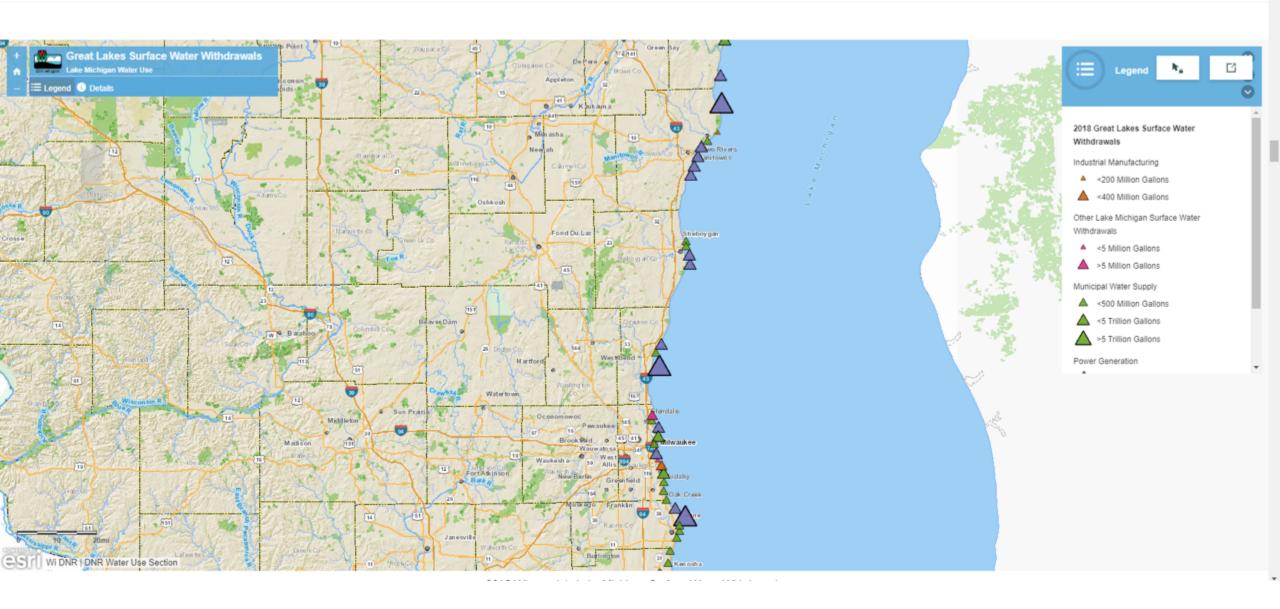
Annual Water Use Report







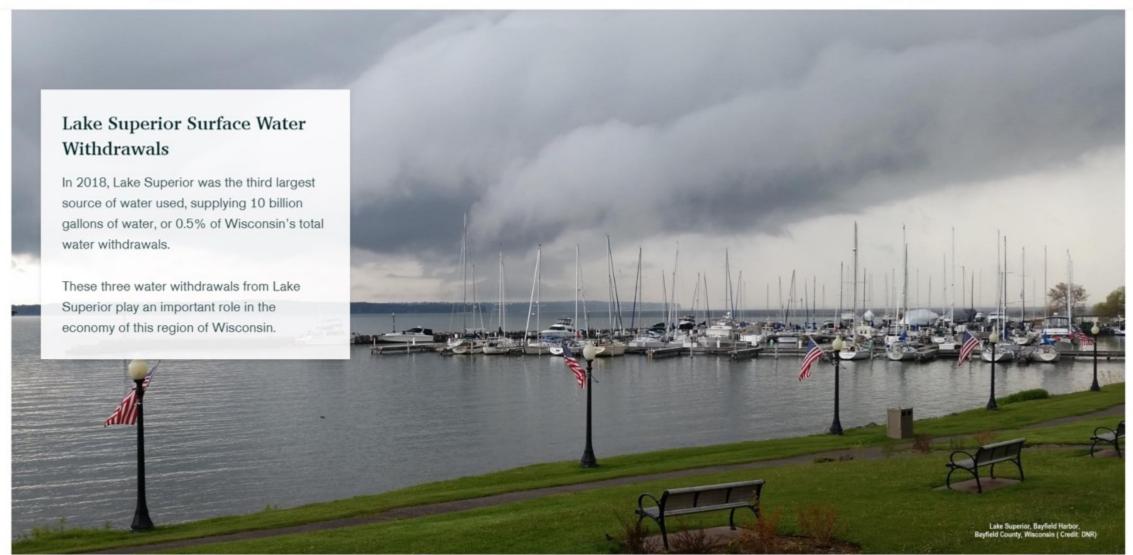












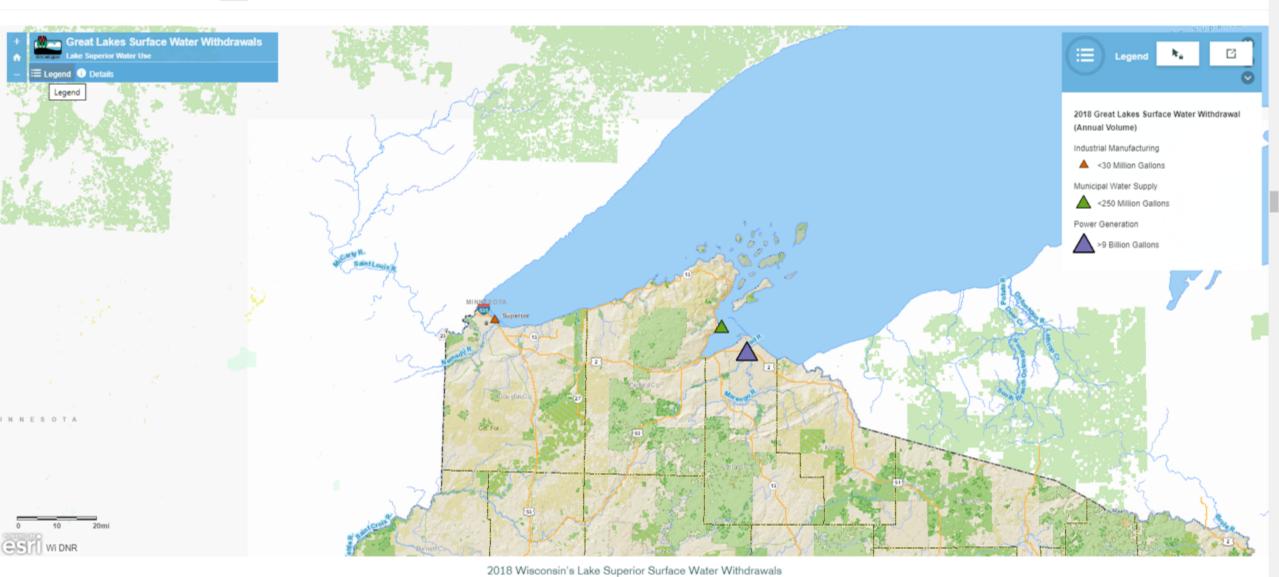


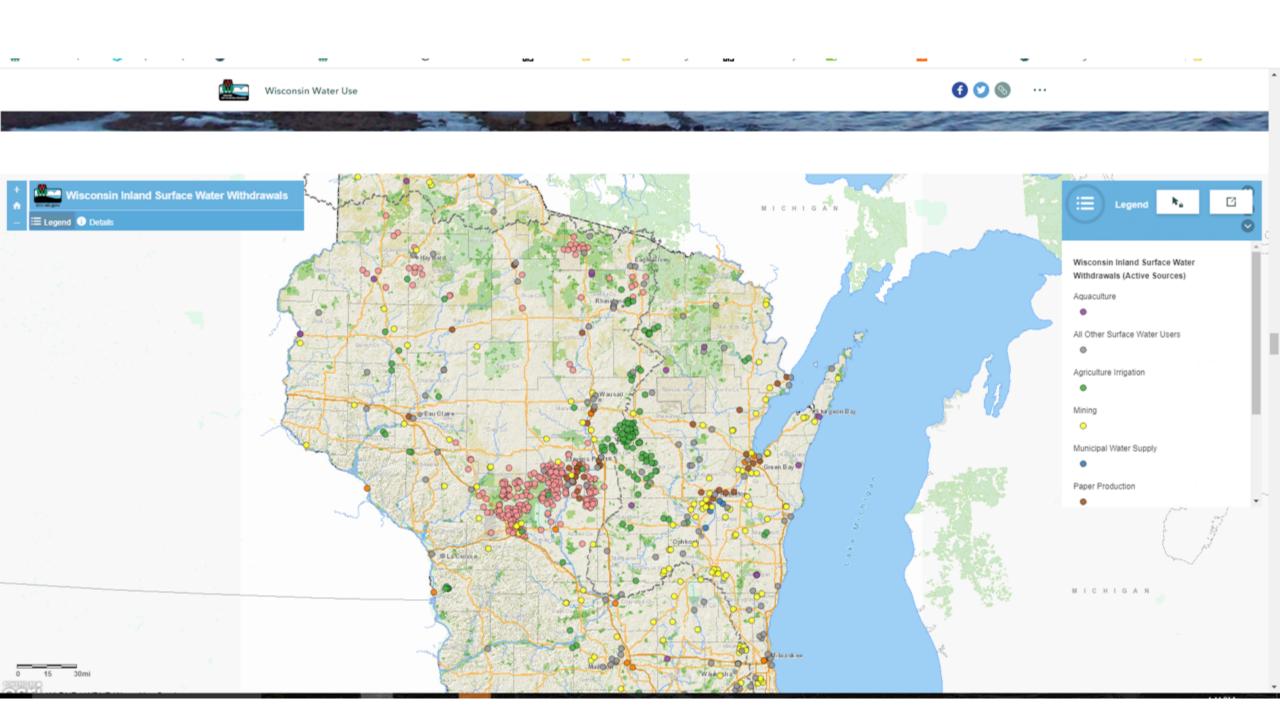






















Wisconsin Groundwater Withdrawals

WI DNR | WDNR Water Use Section

