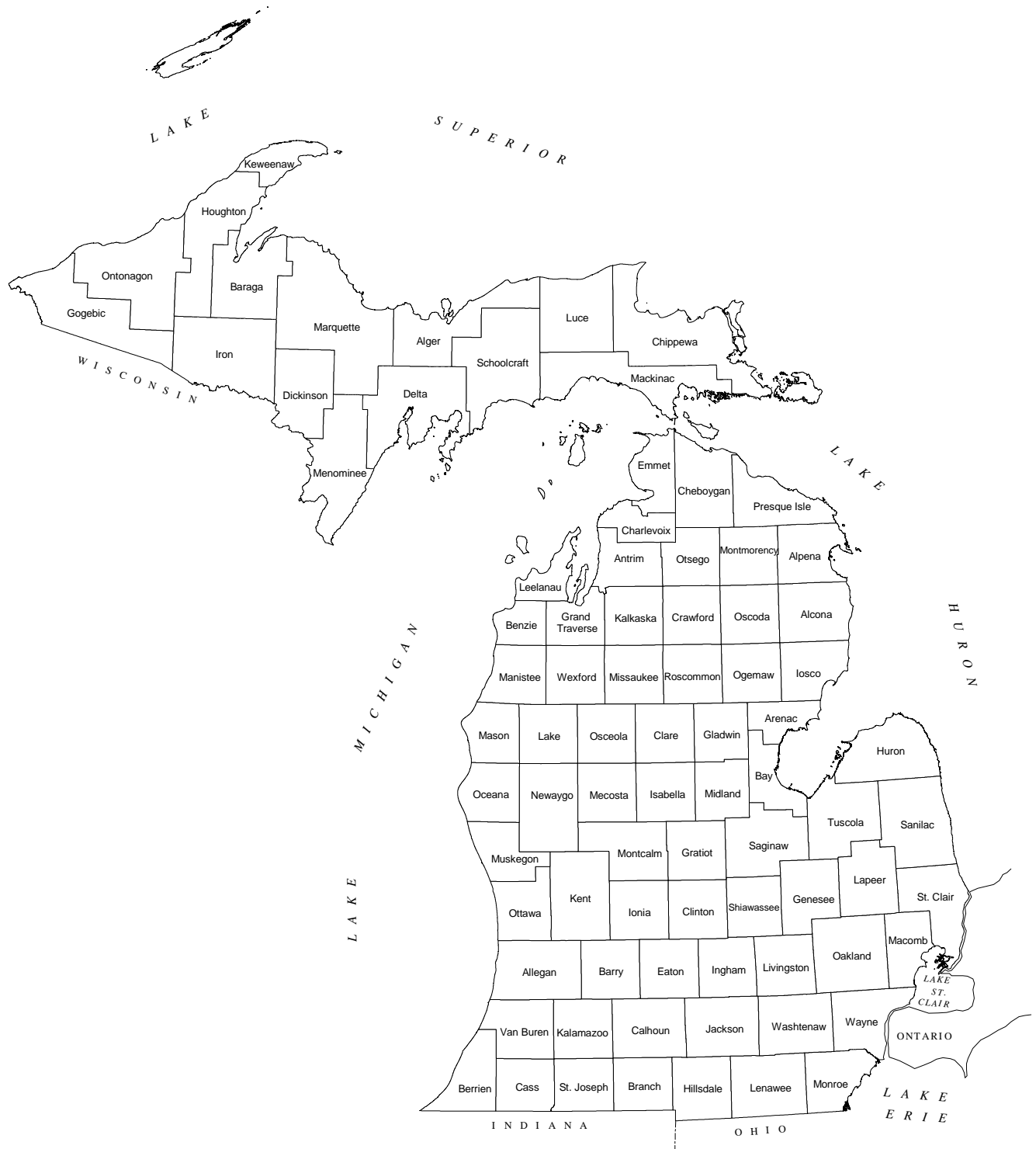


**Table 1: 2002 Water Withdrawals for Thermoelectric Power Generation in Michigan, by County\***

County	Thermoelectric Power		Water Withdrawn (MGD)			
	Number of Plants	Energy Generated (MW-HRS)	Great Lakes	Surface Water	Ground Water	Total
Alcona	1	146,517.00	0.00	0.00	0.46	0.46
Allegan	1	18,474.00	0.00	0.00	0.01	0.01
Alpena	1	305,215.00	110.16	0.00	0.00	110.16
Baraga	1	6,435.00	1.04	0.00	0.00	1.04
Bay	2	6,679,832.00	626.42	0.00	0.00	626.42
Berrien	1	15,956,800.00	2,082.53	0.00	0.00	2,082.53
Cass	1	0.00	0.00	0.00	0.00	0.00
Charlevoix	2	0.00	36.34	0.00	0.00	36.34
Cheboygan	1	1,120.00	0.00	0.00	0.00	0.00
Crawford	1	213,319.00	0.00	0.00	0.33	0.33
Delta	1	113,685.00	20.07	0.00	0.00	20.07
Eaton	1	808,371.00	0.00	1.47	0.00	1.47
Genesee	1	216,050.00	0.00	0.00	0.26	0.26
Grand Traverse	1	25,188.00	2.36	0.00	0.00	2.36
Hillsdale	2	345,752.00	0.00	0.11	0.84	0.95
Huron	1	264,761.00	71.52	0.00	0.00	71.52
Ingham	1	1,532,669.00	0.00	200.86	0.00	200.86
Isabella	1	23,323.00	0.00	0.00	0.10	0.10
Manistee	1	393,477.00	2.51	0.00	0.00	2.51
Marquette	2	3,423,639.00	254.57	0.00	0.00	254.57
Midland	1	8,275,229.00	0.00	5.02	0.00	5.02
Missaukee	1	155,290.00	0.00	0.00	0.78	0.78
Monroe	3	29,563,724.00	1,701.42	0.00	0.09	1,701.51
Muskegon	1	2,188,545.00	273.89	0.00	0.00	273.89
Osceola	1	43,970.00	0.00	0.00	0.00	0.00
Ottawa	4	9,970,774.00	720.75	40.81	0.78	762.34
Saint Clair	3	15,642,877.00	1,526.12	0.00	0.00	1,526.12
Van Buren	1	6,357,962.00	132.93	0.00	0.00	132.93
Wayne	5	8,892,203.00	946.04	0.00	0.00	946.04
<b>Total</b>	<b>44</b>	<b>111,565,201.00</b>	<b>8,508.67</b>	<b>248.26</b>	<b>3.65</b>	<b>8,760.58</b>

\*This report is provided by the Michigan Department of Environmental Quality and was generated using data collected for the water use reporting program.

# Index Map of Michigan Counties



**Table 2: 2002 Water Withdrawals for Thermoelectric Power Generation in Michigan, by Hydrologic Basin\***

Hydrologic Basin Code	Thermoelectric Power		Water Withdrawn (MGD)			
	Number of Plants	Energy Generated (MW-HRS)	Great Lakes	Surface Water	Ground Water	Total
04020105	3	3,430,074.00	255.61	0.00	0.00	255.61
04030111	1	113,685.00	20.07	0.00	0.00	20.07
04040001	1	15,956,800.00	2,082.53	0.00	0.00	2,082.53
04050001	3	345,752.00	0.00	0.11	0.84	0.95
04050002	3	15,955,789.00	853.69	0.00	0.78	854.46
04050003	1	18,474.00	0.00	0.00	0.01	0.01
04050004	2	2,341,040.00	0.00	202.33	0.00	202.33
04050006	2	372,947.00	0.00	40.81	0.00	40.81
04060102	3	2,387,805.00	273.89	0.00	0.78	274.67
04060103	1	393,477.00	2.51	0.00	0.00	2.51
04060105	3	25,188.00	38.70	0.00	0.00	38.70
04070005	1	1,120.00	0.00	0.00	0.00	0.00
04070006	1	305,215.00	110.16	0.00	0.00	110.16
04070007	2	359,836.00	0.00	0.00	0.79	0.79
04080104	1	264,761.00	71.52	0.00	0.00	71.52
04080201	1	8,275,229.00	0.00	5.02	0.00	5.02
04080202	1	23,323.00	0.00	0.00	0.10	0.10
04080204	1	216,050.00	0.00	0.00	0.26	0.26
04080206	2	6,679,832.00	626.42	0.00	0.00	626.42
04090001	3	15,642,877.00	1,526.12	0.00	0.00	1,526.12
04090004	5	8,892,203.00	946.04	0.00	0.00	946.04
04100001	3	29,563,724.00	1,701.42	0.00	0.09	1,701.51
Total	44	111,565,201.00	8,508.67	248.26	3.65	8,760.58

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Hydrologic Basins in Michigan: U.S. Geological Survey

04020105	Dead-Kelsey	04060102	Muskegon	04080202	Pine
04030111	Tacoosh-Whitefish	04060103	Manistee	04080204	Flint
04040001	Little Calumet-Galien	04060105	Boardman-Charlevoix	04080206	Saginaw
04050001	St. Joseph	04070005	Black	04090001	St. Clair
04050002	Black-Macatawa	04070006	Thunder Bay	04090004	Detroit
04050003	Kalamazoo	04070007	Au Sable	04100001	Ottawa-Stony
04050004	Upper Grand	04080104	Birch-Willow		
04050006	Lower Grand	04080201	Tittabawassee		

# Index Map of Michigan Hydrologic Basins

