

10/31/2022

## Lake Sherwood Citizen Lake Monitoring Data

DATE	TP	CHL	S	TN	TKN	Nitrates	TEMP
1/1/2010							
4/27/2010	16.00		8.80				
6/15/2010	20.00	12.90	7.90				
8/3/2010	37.00	24.80	4.50				
8/24/2010	39.00	23.20	4.50				
9/1/2010	34.00	2.04					
5/4/2011	29.00	8.07	7.00				49.40
6/9/2011	16.00		11.00				73.70
6/28/2011	19.00	2.04	11.50				71.40
7/26/2011	15.00	8.07	7.10				81.30
8/22/2011	29.00	17.00	5.25				76.60
8/31/2011	32.00						
9/19/2011	43.00		4.00				63.30
4/3/2012	10.00		14.50				51.20
4/16/2012	13.00						
6/27/2012	32.00	11.30	6.00				76.80
7/26/2012	35.00	18.60	3.75				80.40
8/27/2012	20.00	9.28	5.00				74.10
9/11/2012	20.00	7.45	4.00				69.60
5/1/2013	26.00		6.00				57.50
6/17/2013	13.10	5.71	10.25				
8/7/2013	28.80	32.70	4.25				71.90
8/21/2013	7.63	8.10	5.50				75.20
9/4/2013	27.90						
9/23/2013	36.60	16.60	4.25				64.70
10/14/2013		27.90	6.25				59.70
5/20/2014	18.20						
6/4/2014	17.80	4.15	11.50				71.00
7/7/2014	28.10	15.30	5.50				73.20
8/12/2014	26.40	23.90	3.90				73.20
9/16/2014	35.30	41.80	4.00				63.10
10/13/2014	27.10	5.51	10.00				53.60
5/6/2015	11.50						
6/23/2015	20.70	2.58	8.25				72.50
7/14/2015	27.10	30.10	4.50				76.60
8/4/2015	34.20						
8/24/2015	38.10	21.00	3.00				69.80
9/21/2015	27.10	11.30	5.50				68.70
10/12/2015	25.60	12.30	8.25				58.80
3/29/2016	26.40		6.00				42.80

4/29/2016	19.80		13.60				49.60
6/8/2016	18.50	1.13	16.75				69.40
7/20/2016	44.50		3.00				77.30
7/29/2016	41.50	53.80					71.80
8/16/2016	31.70	13.40					75.60
8/23/2016	46.70	28.60	2.75				74.40
9/12/2016	29.70	35.90	3.00				75.60
5/25/2017	18.40	3.24	12.60				
7/26/2017	39.10	31.00	3.50				76.80
8/30/2017	72.00	44.00					
5/24/2018	18.40		11.00				68.70
8/9/2018	22.80	27.30	3.25				76.40
8/22/2018	32.60	14.70	3.60				72.70
9/5/2018	59.10	84.60	2.00				72.70
6/25/2019	29.80	4.27	6.75				69.20
7/23/2019		8.83	7.00				76.80
7/31/2019	22.40	9.74	6.75				78.20
8/22/2019		15.20	6.00				72.00
9/2/2019	31.40	1.36	6.00	2.97	1.10	1.87	
9/24/2019				3.00	1.04	1.96	
10/9/2019				4.00	1.08	2.92	
6/23/2020	19.10	3.22	9.50	4.42	1.10	3.32	72.60
7/20/2020		12.90	5.00	3.41	1.01	2.40	78.80
8/24/2020	26.30	15.80	4.50	2.10	1.15	0.95	77.00
9/14/2020	29.00			1.76	1.19	0.57	
10/6/2020	16.60			1.69	0.88	0.81	
5/24/2021	18.20		10.00	3.08	0.98	2.10	68.00
6/22/2021	18.50	5.62	11.00	2.28	0.89	1.39	72.60
7/19/2021	21.90	18.00	5.00	1.96	1.04	0.92	78.00
8/23/2021	27.80	17.50	5.00	2.97	1.30	1.67	76.20
9/20/2021	20.70		6.25	3.83	1.13	2.70	68.50
10/4/2021	17.20		7.50	3.36	1.24	2.12	67.20
5/3/2022	16.10	5.17	9.60				
5/16/2022	16.70		6.00	4.11	1.14	2.97	67.80
6/20/2022	25.90	3.28	11.00	3.70	1.44	2.26	73.40
7/18/2022	20.40	11.90	6.00	2.45	1.06	1.39	77.30
8/15/2022	29.30	20.40	4.25	1.89	1.11	0.78	73.50
9/13/2022	23.80		3.50	1.41	0.96	0.45	68.30
10/3/2022	26.70		4.00	1.32	1.08	0.24	70.80

<b>Average</b>	<b>26.6</b>	<b>16.9</b>	<b>6.7</b>	<b>2.8</b>	<b>1.1</b>	<b>1.7</b>	<b>70.1</b>
<b>Median</b>	<b>26.4</b>	<b>12.9</b>	<b>6.0</b>	<b>3.0</b>	<b>1.1</b>	<b>1.8</b>	<b>72.6</b>
<b>Max</b>	<b>72.0</b>	<b>84.6</b>	<b>16.8</b>	<b>4.4</b>	<b>1.4</b>	<b>3.3</b>	<b>81.3</b>
<b>Min</b>	<b>7.6</b>	<b>1.1</b>	<b>2.0</b>	<b>1.3</b>	<b>0.9</b>	<b>0.2</b>	<b>42.8</b>
<b>Range</b>	<b>64.4</b>	<b>83.5</b>	<b>14.8</b>	<b>3.1</b>	<b>0.6</b>	<b>3.1</b>	<b>38.5</b>

DATE	TP	CHL	S	TN	TKN	Nitrates	TEMP
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- DATE - Sample Date
- TP - Total Phosphorus, micrograms per liter
- CHL - Chlorophyll- a, micrograms per liter
- Secchi - Secchi Disk (clarity measure), feet
- TN - Total Nitrogen, milligrams per liter
- TKN - Kjeldahl Nitrogen, milligrams per liter
- Nitrates - Nitrates (NO<sub>2</sub> + NO<sub>3</sub>), milligrams per liter