9/29/2026

Lower Lake Camelot Citizen Lake Monitoring Data

DATE	TP	CHL	SD	TN	TKN	Nitrates	TEMP
1/1/2010							
6/2/2010	18.00	14.20	6.30				72.80
6/30/2010	16.00	9.09	9.00				76.80
7/27/2010	46.00	22.50	3.80				77.70
8/20/2010	44.00	17.20	3.90				73.20
9/17/2010	22.00	10.30	7.30				63.10
5/4/2011	40.00		5.00				50.50
5/26/2011	19.00		7.75				60.80
6/29/2011	15.00	3.17	9.50				70.50
7/25/2011	18.00	7.06	8.00				80.90
8/24/2011	27.00	8.29	10.75				75.20
9/20/2011	21.00		7.00				62.90
4/3/2012	20.00		6.80				51.00
6/26/2012	18.00	3.19	12.25				
7/18/2012	24.00	21.20	5.25				79.80
8/28/2012	31.00	8.12	6.25				75.20
9/17/2012	27.00	6.73	6.50				66.30
5/1/2013	26.60		6.00				56.60
6/25/2013	14.00	3.04	8.75				73.20
7/30/2013	12.60	1.68	14.00				68.70
8/27/2013	19.20	13.20	7.75				78.00
9/24/2013	26.30	14.80	6.00				64.40
10/14/2013	36.90	7.46	6.00				59.70
6/10/2014	18.80	1.65	9.25				72.30
7/14/2014	12.70	2.91	9.75				71.90
8/25/2014	29.50	39.60	4.25				75.00
9/22/2014	22.30	12.90	6.50				61.30
10/20/2014	18.80	1.45	13.00				52.00
4/16/2015	27.10		6.00				51.60
6/27/2015	23.30	3.60	11.50				74.40
7/27/2015	23.70	18.50	6.00				78.40
8/17/2015	33.50	29.40	3.75				77.50
9/15/2015	27.60	14.00	4.75				69.00
10/19/2015	28.10	7.42	8.00				51.90
3/29/2016	30.00		9.30				42.80
6/20/2016	22.50	2.78	11.50				74.60
7/24/2016	38.10		4.50				77.70
8/15/2016	43.60	39.00	3.00				77.90
6/29/2017	27.50	3.60	8.00				66.00
7/26/2017	27.60	17.60	6.00				76.40
8/30/2017	36.10	28.70					

5/24/2018	21.90		19.00				67.80
8/8/2018	28.40	19.40	4.25				75.20
7/29/2019							
8/29/2019	20.70	6.49	7.70	4.34	1.08	3.26	
9/24/2019				4.24	0.88	3.36	
10/9/2019				4.90	1.15	3.75	
6/30/2020	17.30	4.87	7.00	5.68	1.18	4.50	76.40
7/21/2020	18.80	7.75	6.50	4.66	1.36	3.30	78.20
8/25/2020	19.30	9.18	8.00	3.24	0.92	2.32	75.90
9/15/2020	20.70			2.53	0.82	1.71	
10/5/2020	18.60			3.00	1.05	1.95	
5/24/2021	19.10		10.50	3.88	1.17	2.71	68.70
6/23/2021	17.30	3.62	11.00	2.83	0.89	1.94	73.70
7/19/2021	19.70	6.91	6.00	3.01	1.17	1.84	78.00
8/23/2021	22.50	14.30	6.00	4.56	1.08	3.48	78.00
9/20/2021	15.80		8.00	5.21	1.08	4.13	69.80
10/4/2021	16.80		9.50	4.59	1.10	3.49	67.80
5/16/2022	15.00		7.00				68.00
6/20/2022	13.70	3.28	9.00	4.59	1.03	3.56	74.30
7/18/2022	16.00	5.92	8.00	3.48	1.05	2.43	78.90
8/15/2022	19.80	14.60	6.00	3.14	1.03	2.11	74.60
9/13/2022	19.50		6.00	2.51	1.01	1.50	69.20
10/3/2022	18.90		8.00	2.62	0.96	1.66	61.80
5/22/2023			10.00	6.10	1.07	5.03	67.60
6/19/2023	17.60	9.59	8.75	4.98	1.12	3.86	73.70
7/24/2023	27.00	13.60	5.50	2.47	1.16	1.31	75.50
8/15/2023	41.00	43.10	3.25				75.00
9/11/2023	36.50		4.50				72.80
10/2/2023	23.30		6.25				68.00
5/3/2024	15.00		11.50				58.20
6/17/2024	20.00	4.00	8.00				71.60
7/15/2024	22.00	8.30	7.50				80.40
8/26/2024	21.00	18.30	6.50				78.20
5/11/2025	15.00		11.50				63.80
6/15/2025	18.00	4.20	11.00				68.00
7/12/2025	13.00	3.50	11.00				80.60
8/10/2025	25.00	24.80	6.00				79.30
5/26/2026	16.00		11.50				66.70
6/29/2026	12.00	2.20	12.00				74.60
7/26/2026	21.00	16.80	7.50				78.60
8/30/2026	33.00	33.10	6.50				75.30
Average	**23.2**	**12.2**	**7.8**	**3.9**	**1.1**	**2.9**	**70.3**
Median	**21.0**	**8.3**	**7.5**	**4.1**	**1.1**	**3.0**	**73.2**
Max	**46.0**	**43.1**	**19.0**	**6.1**	**1.4**	**5.0**	**80.9**
Min	**12.0**	**1.5**	**3.0**	**2.5**	**0.8**	**1.3**	**42.8**

Range	**34.0**	**41.7**	**16.0**	**3.6**	**0.5**	**3.7**	**38.1**

DATE	TP	CHL	SD	TN	TKN	Nitrates	TEMP

DATE - Sample Date
TP - Total Phosphorus, micrograms per liter
CHL - Chlorophyll- a, micrograms per liter
SD - Secchi Disk (clarity measure), feet
TN - Total Nitrogen, milligrams per liter
TKN - Kjeldahl Nitrogen, milligrams per liter
Nitrates - Nitrates (NO2 + NO3), milligrams per liter
TEMP - surface water temperature, Deg. F.