

Loch Lomond Lake Additional Data - ProQuatro since 8/2023

1999-2015 Lake County Data used #2 S. Bay = Designated VLMP Reference Location; 3' depth; Averaged May-Sept Data

2023 LLPOA Data used #2 S. Bay = Designated VLMP Reference Location; 2-3' depth

HEALTHY					80-120%		6.5-8 mg/L	0-0.200 mS/cm	<1.0 ppt	0.05-0.250 g/L	7.0-9.0	0.1-1.0 mg/L		
Date	mth	yr	TEMP (F) at 2'	TEMP (F) at 4'	DO (%) at 2'	DO (%) at 4'	DO (mg/L) 2'	SPC (mS/cm)	SALINITY-ppt	TDS (g/L)	pH	Nitrate-N (mg/L)	Nitrate (mV)	COMMENTS
1999 #2 S. Bay		1999						0.708						
2004 #2 S. Bay		2004			89.3		7.73	0.823		0.457	8.38	0.30		
2005 #2 S. Bay		2005			96.7		8.37	1.330		0.716	8.37	0.06		
2015 #2 S. Bay		2015			83.3		8.42	0.774		0.436	8.42	0.07		
8/1/2023														
#1 Dam	8	2023	80.2					0.723	0.4	0.470	8.58	5.08	178.5	
#2 S. Bay	8	2023	79.8					0.737	0.4	0.479	8.29	5.90	174.7	
#3 N. Bay	8	2023	78.4					0.656	0.4	0.427	8.65			
IS-N. Bay	8	2023	79.3					0.780	0.4	0.507				
IS-Firth	8	2023	80.1					0.748	0.4	0.486				
IS-S. Beach	8	2023	80.4					0.748	0.4	0.486				
IS-Dam	8	2023	80.1					0.742	0.4	0.482				
KMCP-from shore	8	2023	75.8					0.601	0.3	0.392	7.54	6.46	171.6	
9/7/2023														
#1 Dam	9	2023	76.9		50.5		4.07	0.753	0.4	0.490	8.63	1.28	192.4	
#2 S. Bay	9	2023	76.5		51.2		4.14	0.755	0.4	0.491	8.55	1.27	192.0	
#3 N. Bay	9	2023	77.0		54.9		4.41	0.747	0.4	0.486	8.56	1.20	193.5	
IS-N. Bay	9	2023	77.0		44.4		3.93	0.748	0.4	0.486	8.48	1.27	192.1	
IS-Firth	9	2023	75.1		31.7		2.60	0.740	0.4	0.481	8.25	1.15	194.0	
IS-S. Beach	9	2023	76.4		53.9		4.36	0.755	0.4	0.490	8.58	1.19	193.6	
IS-Dam	9	2023	77.0		70.8		5.70	0.755	0.4	0.491	8.64	1.23	192.9	
KMCP-from shore	9	2023	76.0		47.2		4.20	0.879	0.4	0.572	7.55	1.71	184.0	
9/22/2023														
#1 Dam	9	2023	68.1	67.4	52.0	16.8	4.59	0.730	0.4	0.475	7.97	1.29	190.1	no plants
#2 S. Bay	9	2023	69.1	67.9	84.5	49.9	7.38	0.754	0.4	0.490	8.16	1.28	190.4	

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Date	mth	yr	TEMP (F) at 2'	TEMP (F) at 4'	DO (%) at 2'	DO (%) at 4'	DO (mg/L) 2'	SPC (mS/cm)	SALINITY-ppt	TDS (g/L)	pH	Nitrate-N (mg/L)	Nitrate (mV)	COMMENTS
#3 N. Bay	9	2023	69.1	68.0	92.8	56.0	8.12	0.715	0.4	0.465	8.25	1.22	191.4	more plants
IS-N. Bay	9	2023	68.5		91.3		8.05	0.705	0.3	0.458	8.39	1.41	187.9	
IS-Firth	9	2023	68.7		47.1		4.14	0.705	0.3	0.458	7.91	1.16	192.6	
IS-S. Beach	9	2023	67.2		23.6		2.09	0.720	0.4	0.468	7.72	1.17	192.2	
IS-Dam	9	2023	67.8		55.4		4.90	0.720	0.4	0.474	7.96	1.22	191.3	
KMCP-from shore	9	2023	73.3		124.4		10.41	0.647	0.3	0.420	8.55	1.38	189.3	