

Lake Lawrence Water Quality Data

DATE	BASIN	TSI-TP	TSI-Chla	TSI-SD	DO 0m	DO 3m	DO 6m	Temp 0m	Temp 3m	Temp 6m	pH 0m	pH 3m	pH 6m	Cond (MS) 0m	Cond (MS) 3m	Cond (MS) 6m	Microcystin	Anatoxin - a	Toxin Conc. ug/L	MDL (ug/L)	Surface Temp - West
		Trophic State Index: TSI Value 0-40 = Oligotrophic = Good 41-50 = Mesotrophic = Fair >50 = Eutrophic = Poor				All stats taken at surface (0 meters), 3 meters & 6 meters; Temp is in Centigrade DO Levels: <2mg/L - Phosphorus Released; < 5 mg/L problem for fish											Toxic Algae Stats/Location: Microcystin >= 8 ug/L Anatoxin >=1 ug/L Cylindrospermopsin >=15 ug/L Saxitoxin >= 75 ug/L				
30-Jan-90	West				12.2	11.7	11.6	2	2	2.2	6.2	NA	NA	0.064	NA	NA					
	East				12.4	12.1	11.8	2.5	2.4	2.6	6.5	NA	6.7	0.064	NA	0.064					
27-Feb-90	West				13.4	13.2	5.8	6.8	6.1	5	7.2	7	6.2	0.066	0.067	0.066					
	East				13.3	13.1	8.8	7.2	5.7	4.9	7.3	7	6.4	0.07	0.069	0.07					
28-Mar-90	West				11.1	11.8	0.4	12.6	8.9	7	7.3	7	6.2	0.071	0.069	0.076					
	East				10.7	11.1	3.2	13.6	9.3	7.5	7	7	6.2	0.074	0.072	0.077					
18-Apr-90	West				9.7	11.2	0.2	16	11.3	7.5	7.1	7	6.4	0.074	0.07	0.098					
	East				10.2	8	7.8	16.3	10.9	6.4	7.3	7	6.4	0.076	0.075	0.093					
2-May-90	West				10	9.2	0.3	15	12.6	8	7.5	7	6.5	0.073	0.072	0.111					
	East				10.4	10.1	0.8	15	12.6	8.5	7.8	7	6.6	0.076	0.076	0.096					
22-May-90	West				10.5	10.4	0.2	16	15.8	9.7	7.4	8	5.9	0.066	0.066	0.088					
	East				10.1	10	0.4	15.5	15.2	9.7	6.8	7	6.2	0.068	0.069	0.091					
13-Jun-90	West				10.7	10.4	0.4	18	17	10.3	7.4	8	5.8	0.063	0.064	0.107					
	East				9.9	9.6	0.3	16.5	16.3	11.3	6.5	7	5.8	0.068	0.068	0.083					
28-Jun-90	West				10.2	11.8	0.3	21.7	20.3	11.7	8.4	8	5.9	0.065	0.064	0.93					
	East				9.9	10.4	0.3	21.4	20	11.6	8.2	8	6.4	0.068	0.068	0.095					
11-Jul-90	West				9.9	12.4	0.5	24.6	21.5	12.8	8.4	9	6.3	0.066	0.067	0.121					
	East				11.4	11.1	0.7	20.9	21.1	12	7.8	8	6.3	0.066	0.069	0.118					
24-Jul-90	West				9	8.1		23.5	23.6		7.8	8		0.066	0.066						
	East				9.6	9.5	0.3	23	23.1	12.5	8	8	6.2	0.07	0.069	0.122					
22-Aug-90	West				9.5	9.1	0.6	21.9	21.9	15	7.2	8	6	0.067	0.067	0.146					
	East				8.9	8.7	0.7	21.7	21.8	14	6.7	7	6	0.071	0.071	0.152					
1990 June-Sep	East	69	64	49																	

Lake Lawrene Water Quality Data

DATE	BASIN	TSI-TP	TSI-Chla	TSI-SD	DO 0m	DO 3m	DO 6m	Temp 0m	Temp 3m	Temp 6m	pH 0m	pH 3m	pH 6m	Cond (MS) 0m	Cond (MS) 3m	Cond (MS) 6m	Microcystin	Anat oxin - a	Toxin Conc. ug/L	MDL (ug/L)	Surface Temp - West
		Trophic State Index: TSI Value 0-40 = Oligotrophic = Good 41-50 = Mesotrophic = Fair >50 = Eutrophic = Poor			All stats taken at surface (0 meters), 3 meters & 6 meters; Temp is in Centigrade DO Levels: <2mg/L - Phosphorus Released; < 5 mg/L problem for fish												Toxic Algae Stats/Location: Microcystin >= 8 ug/L Anatoxin >=1 ug/L Cylindrospermopsin >=15 ug/L Saxitoxin >= 75 ug/L				
1990 June-Sep	West	58	66	47																	
12-Sep-90	West							21.1			6.5			0.073							
	East							20.8		16.5	6.5		6.2	0.073		0.129					
3-Oct-90	West				8.1	17.1	16.7	17.1	17.1	16.7	6.2	6	6	0.07	0.07	0.07					
	East				7	7	1.6	17	17	16.3	6.3	6	6	0.076	0.076	0.149					
17-Oct-90	West				10	10.2	10.4	12.9	12.9	12.9	6.4	6	6.1	0.069	0.069	0.07					
	East				10	9.9	9.9	13.1	13	13	6.6	7	6.4	0.077	0.077	0.077					
19-Nov-90	West				8.3	8.5	8.8	8.5	9.3	9.3	6.1	6	5.8	0.07	0.072	0.072					
	East				8.8	8.8	8.6	9.5	9.6	9.5	6.3	6	6.2	0.076	0.076	0.075					
11-Dec-90	West				11.7	11	10	6.8	6.7	6.5	5.9	6	6	0.062	0.063	0.063					
	East				11.1	10.3	10.1	6.8	6.7	6.7	6.2	6	6.2	0.067	0.067	0.067					
1998 May-Oct	East	52	53	44																	
5-Oct-10																	X		182	0.05	
19-Oct-10																	X		585	0.05	
28-Oct-10																	X		70	0.05	
3-Nov-10																	X		791	0.05	
29-Nov-10																	X		40	0.05	
19-Jan-11																	X		29.6	0.05	
9-Feb-11																	X		18.7	0.05	
22-Oct-13																	X		80.5	0.16	
20-May-15																		X	192	0.01	
25-May-16	West	48	50	53	10.1		0.31	18.2		11.4	7.9		6.5	86		100					

Lake Lawrene Water Quality Data

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		Trophic State Index: TSI Value 0-40 = Oligotrophic = Good 41-50 = Mesotrophic = Fair >50 = Eutrophic = Poor			All stats taken at surface (0 meters), 3 meters & 6 meters; Temp is in Centigrade DO Levels: <2mg/L - Phosphorus Released; < 5 mg/L problem for fish										Toxic Algae Stats/Location: Microcystin >= 8 ug/L Anatoxin >=1 ug/L Cylindrospermopsin >=15 ug/L Saxitoxin >= 75 ug/L						
	East	90	58	53	10.3		0.3	17.8		11.8	7.9		7.1	87		114					
22-Jun-16	West	43	45	54	10		0.39	21.1		14.4	8.4		6.2	94		113					
	East	40	46	48	9.69		0.4	21.6		13.4	8.1		6.9	95		136					
20-Jul-16	West	42	50	45	10.3		0.5	22.1		15.9	8.5		6.6	99		150					
	East	39	40	43	9.26		0.32	22.7		16.1	8.1		6.5	100		218					
24-Aug-16	West	46	48	48	8.63		0.35	23		19.8	7.9		6.7	105		148					
	East	47	53	48	8.63		0.35	23		19.8	7.9		6.7	105		148					
14-Sep-16	West	54	59	54	9.67		5.57	19		18.2	7.6		7.2	113		113					
	East	55	59	54	9.67		5.57	19		18.2	7.6		7.2	113		113					
25-Oct-16	West	55	56	55	10.2		9.75	12.7		12.6	7.8		10	82		90					
	East	61	60	53	10.2		10	12.7		12.6	7.8		7.8	84		91					
30-May-17	West	49	47	53	8.98		0.35	21.5		14.2	7.7		6.9	92		90					
	East	49	45	48	9.58		0.38	21		13.4	8		7	92		136					
19-Jun-17	West	53	46	44	9.98		0.46	20.4		16.6	8.4		7.1	90		179					
	East	50	50	43	9.95		0.45	20.5		15.5	8.3		6.9	93		107					
19-Jul-17	West	52	47	46	9.55		0.38	24.3		19.8	8.8		6.9	104		118					
	East	49	46	45	9.22		0.42	23.5		16.9	8.5		6.9	103		144					
16-Aug-17	West	56	65	54	12.2		0.34	24.9		21	9.5		6.9	112		163					
	East	52	60	50	10.6		0.35	24.9		19.1	9.1		7.1	111		192					
20-Sep-17																	X		8.54	0.15	
24-Oct-17	West	61	64		11		8.57	13.8		12	8.5		7.8	87		83					
	East		66	54	10.7		9.28	13.7		12.2	8.2		7.6	87		86					
23-May-18	West	49	47	43	9.64		0.63	21.9		11.3	8.2		7	106		149					
	East	54	44	45	8.95		0.45	22.3		11.7	7.8		6.8	106		133					

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		Trophic State Index: TSI Value 0-40 = Oligotrophic = Good 41-50 = Mesotrophic = Fair >50 = Eutrophic = Poor			All stats taken at surface (0 meters), 3 meters & 6 meters; Temp is in Centigrade DO Levels: <2mg/L - Phosphorus Released; < 5 mg/L problem for fish												Toxic Algae Stats/Location: Microcystin >= 8 ug/L Anatoxin >=1 ug/L Cylindrospermopsin >=15 ug/L Saxitoxin >= 75 ug/L				
27-Jun-18	West	48	43	44	9.09		0.61	22.5		13.6	8.1		6.6	109		135					
	East	54	50	48	9.49		0.49	22.4		13.6	8.3		6.8	109		198					
18-Jul-18	West	49	49	46	9.56		0.52	25		14.6	8.8		7	113		289					
	East	54	50	51	9.4		2.48	25.5		23.1	8.7		7.3	113		117					
15-Aug-18	West	49	57	50	10.3		0.52	24.6		16.4	8.9		6.9	112		236					
	East	49	58	52	9.95		0.47	24.8		18.5	8.8		6.7	112		229					
25-Sep-18																	X		215	0.15	
19-Sep-18	West	66	59	55	8.01		2.72	19.1		17.7	7.8		7.1	121		124					
	East	69	60	57	9.06		4.99	19		17.8	8.2		7.3	119		121					
24-Oct-18	West	60	64	58	10.9		10.9	14		13	8.2		7	119		152					
	East	64	63	59	11.3		5.02	13.3		12.5	8.6		7.4	118		145					
22-May-19	West	57	61	48	10.1		0.58	18.6		13.7	8.5		6.8	115		137					
	East	55	65	51	10.9		0.57	18.3		11.7	8.9		6.8	115		190					
19-Jun-19	West	61	59	57	9.54		0.57	20.1		14.7	8.6		6.7	118		195					
	East	62	55	59	9.69		0.49	22		14.6	8.9		6.7	118		220					
24-Jul-19	West	56	51	52	8.95		0.48	23.1		17.1	8.1		6.8	120		210					
	East	61	58	54	9.77		0.54	12.4		18.8	8.7		6.7	120		181					
27-Aug-19	West	60	63	56	9.78		0.46	22.4		19.4	8.5		6.7	125		208					
	East	66	59	57	9.87		0.52	22.4		19.6	8.5		6.6	126		194					
24-Sep-19	West	71	68	59	10.5		8.1	18.9		18.3	8.4		7.3	125		126					
	East	63	64	65	9.8		7.76	18.9		18.1	8.1		7.2	126		126					
9-Oct-19																	X		17.7	0.15	
14-Oct-19																	X		9.72	0.15	
22-Oct-19	West	65	71	64	11.3		10.5	13		13	8.7		8.5	123		123					

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	East	66	71	65	11.9		11	13.5		12.8	8.8		8.5	123		123					
19-May-20	West	60	52	46	10.7	10	0.7	18.8	17.6	12.7	8.7	8	7	107.8	108.7	148					
	East	54	46	49	11.2	7.7	0.62	18.9	17.1	12.4	8.9	8	6.9	107	111.6	154					
23-Jun-20	West	56	58	47	11.7	11.5	0.61	23.9	19.8	15.1	9.2	9	6.8	106.8	104	157					
	East	80	54	54	11.2	12	0.61	24.1	19.3	14.8	9.1	9	6.8	103.6	104.2	177.3					
21-Jul-20	West	57	56	46	11	8	0.51	25.9	22.7	15.7	9.1	8	6.9	110.7	109	203					
	East	62	65	54	11.1	2.6	0.44	26.4	22.2	16.9	9.1	7	6.5	110.4	110.7	193.3					
10-Aug-20																	X		43.5	0.15	
17-Aug-20	East																X		15.5	0.15	
25-Aug-20	West	57	57	40	9.9	9.2	0.64	22.8	21.9	17.3	9	9	6.7	116	115.7	220					
	East	62	59	54	9.2	4.3	0.6	22.7	21.7	19.4	8.8	7	6.6	115.3	115.2	209.6					
31-Aug-20	West																X		21	0.15	
21-Sep-20	West	60	59	44	9.3	7.2	0.48	20.3	17.7	18.3	8	7	6.7	133.6	114	209					
	East	61	57	65	9.4	7.2	0.48	20.3	19.7	19	8	7	6.7	114.6	115.4	130.8					
20-Oct-20	West	63	64	48	11	10	8	15.4	15	14.9	8.6	8	6.7	111.3	111.3	113					
	East	58	62	59	10.7	9.7	9.3	15.5	14.8	14.6	8.4	8	7.7	110.6	110.8	111					
18-May-21	West	52	48	52	10.5	10.4	0.26	18.2	18.2	12.2	8.5	8	6.7	107.9	107.9	138					
	East	51	40	41	10.3	10.3	0.25	18.6	18.6	12.5	8.7	9	6.7	107	107	131.8					
22-Jun-21	West	52	57	47	11.2	9.8	0.53	24.6	19.8	15.1	9	8	6.4	109.5	107.7	137.7					
	East	53	58	51	10.5	10.2	0.44	25.2	20.6	15.2	8.7	9	6.5	108.1	108.7	176					
20-Jul-21	West	51	46	45	9.4	9.5	0.32	23.6	23.4	16.2	8.7	9	6.6	112.4	112.4	188.2					
	East	57	52	47	9.1	6.8	0.28	24.3	23.4	16.5	8.4	7	6.4	111.4	112.1	222.1					
9-Aug-21	West																X		14.9	0.15	
24-Aug-21	West	59	53	52	8	5.7	0.45	21.8	21	20.4	7.5	7	6.6	117.5	118	129					

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		Trophic State Index: TSI Value 0-40 = Oligotrophic = Good 41-50 = Mesotrophic = Fair >50 = Eutrophic = Poor			All stats taken at surface (0 meters), 3 meters & 6 meters; Temp is in Centigrade DO Levels: <2mg/L - Phosphorus Released; < 5 mg/L problem for fish												Toxic Algae Stats/Location: Microcystin >= 8 ug/L Anatoxin >=1 ug/L Cylindrospermopsin >=15 ug/L Saxitoxin >= 75 ug/L				
	East	57	54	53	7.8	7.4	6.3	21.5	20.7	20.3	7.4	7	7	117.1	117.1	117.2					
13-Sep-21	West																X		11.6	0.15	
22-Sep-21	West	63	65	65	10.5	8.7	5.3	18.3	17.8	17.5	8.6	8	7.1	117	117	119.9					
	East	61	65	61	10.8	8.6	6.6	18.3	17.8	17.4	8.6	8	7.2	117.7	118.1	119.2					
20-Oct-21	West	61	62	59	9.8	9.8	9.8	12.1	13.1	13.1	7.4	8	7.5	117.9	117.9	117.9					
	East	65	60	55	9.6	9.6	9.5	13	13	13	7.5	8	7.4	119.1	119.1	119.1					
24-May-22	East	67	66	65	13.9	9.3	0.68	17.4	14.7	13.4	9.1	7	6.8	110.4	108.6	126.1					
	West	63	63	62	13.6	7.5	0.58	17.3	14.2	11.6	9.2	7	6.8	109	107.7	134.8					
23-Jun-22	East	55	60	61	11.1	7.1	0.47	19.7	16.7	13.6	8.9	8	6.9	110.8	110.1	161.4					
	West	57	60	57	11	3.5	0.52	19.6	16.3	12.4	9	7	6.8	110.2	110.5	167.6					
21-Jul-22	East	62	54	56	11	5.6	0.43	24.9	21.4	14	9.2	7	6.8	115	112.8	181.3					
	West	64	56	57	11.3	2.3	0.48	25.2	20.8	13.2	9.3	7	6.8	115.3	113	203.7					
17-Aug-22	East	64	62	59	13	7.2	0.47	24.7	22.9	14.8	9.8	8	6.6	125.3	114.8	216.8					
	West	62	62	57	13.5	4.5	0.54	25	22.7	15.4	9.7	8	6.6	124.9	116.1	216.3					
13-Sep-22	East	49	50	54	8.4	8.2	0.54	21	20.9	18.4	8.6	9	6.5	116.7	116.9	173.3					
	West	51	57	53	8.4	6.3	0.41	21.1	20.1	18.6	8.4	8	6.5	117.4	118.2	204.3					
12-Oct-22	East																X		36.7	0.15	
17-Oct-22	East	53	66	62	8.9	6.9	7.3	17.2	16.9	16.7	7.4	7	7.1	123.8	124.2	124					
	West	52	61	59	9	8.5	8.2	17.1	16.7	16.5	7.4	7	7.2	123.2	123	123.3					
17-Oct-22	West/East																X		34.4	0.15	
18-May-23	East	51	51	48	11		0.03	22.2		10.4	8.7		7.2	106.9		140.9					
		49	54	49	11		0.1	22.6		10.8	8.4		7	106.9		126.2					
22-Jun-23	West/East																X		28	0.15	
	East	52	53	50	9.8		0.2	19.4		11.1	8.2		6.9	114.9		162					

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	West	51	54	51	9.7		0.34	20		11.8	8.1		6.9	114.7		196.1					
18-Jul-23	East	49	48	51	9		0.28	24.1		12.9	8.3		6.9	115.5		200.9					
	West	52	50	54	9		0.24	24.3		14.1	8.3		6.8	116.6		226.2					
30-Aug-23	East	51	55	56	8.9		0.26	21.9		18.4	8.3		6.8	116.5		109					
	West	53	54	55	8		0.23	22.1		20.2	7.7		6.8	118.3		173.4					
19-Sep-23	East	59	65	63	10.1		0.4	20.1		18.8	8.8		6.8	127.8		178.4					
	West	53	61	63	9.2		8.5	20		19.3	8.3		8	128.7		128.6					
17-Oct-23	East		54	54	8.3		7.04	15.5		15	7.3		7.2	119		119					
	West		58	56	8.6		6.9	15.3		15	7.4		7.2	118.5		119.3					