

Table 2. Water quality data for Lake Allegan, May 29, 2001.

STATION	DEPTH (ft)	DEPTH (ft)	TEMP. (F)	D.O.	COND.	pH	CHLORO A. (ug/l)	NITRATE+		AMMONIA (mg/l)	K. NITRO. (mg/l)	ORTHO PHOS. (mg/l)	ORTHO PHOS. (ug/l)	TOTAL PHOS. (mg/l)	TOTAL PHOS. (ug/l)	% PO4	TSS (mg/l)	TDS (mg/l)	COD (mg/l)	TOC (mg/l)	
								NITRITE (mg/l)	NITRITE (mg/l)												
Station #1	Surface(S)	0	59.77	8.5	510	7.8	7	0.023	1.5	0.08	0.91	0.029	29	0.121	121	24.0	21	360	31	11	
Depth (ft): 7	2	2	59.45	8.45	510	7.8															
Secchi	(M)4	4	59.19	8.4	510	7.8		0.023	1.5	0.082	0.95	0.032	32	0.115	115	27.8	13	370	32	10	
Depth (ft): 1.5	6	6	59.08	8.38	510	7.8															
	(B)7	7	59.01	7.58	510	7.6		0.023	1.51	0.079	1.01	0.034	34	0.12	120	28.3	22	360	34	8.9	
Station #2	Surface(S)	0	60.96	8.64	500	7.88	9	0.025	1.21	0.1	1.01	0.032	32	0.091	91	35.2	4		350	8.9	
Depth (ft): 13.5	2	2	60.73	8.52	499	7.87															
Secchi	4	4	60.18	8.52	501	7.88															
Depth (ft): 2.0	(M)6	6	59.69	8.52	503	7.87		0.025	1.2	0.099	0.29	0.032	32	0.031	31	103.2	4	360	30	8.8	
	8	8	59.61	8.42	503	7.86															
	10	10	59.57	8.27	503	7.84															
	(B)11	11	59.56	7.32	505	7.61		0.024	1.2	0.102	0.22	0.031	31	0.024	24	129.2	11	360	30	8.9	
Station #3	Surface(S)	0	61.64	9.5	500	8.01	15	0.025	1.18	0.051	0.91	0.021	21	0.088	88	23.9	4	340	31	9.6	
Depth (ft): 18	2	2	60.72	9.22	500	7.95															
Secchi	4	4	59.74	8.86	502	7.9															
Depth (ft): 3.0	6	6	59.68	8.71	502	7.89															
	(M)8	8	59.61	8.59	502	7.88		0.023	1.24	0.068	0.74	0.027	27	0.071	71	38.0	9	360	27	8.8	
	10	10	59.51	8.45	501	7.89															
	12	12	59.5	8.39	500	7.88															
	14	14	59.47	8.35	502	7.87															
	16	16	59.37	8.19	501	7.86															
	(B)18	18	58.85	6.86	510	7.71		0.024	1.18	0.08	0.08	0.025	25	0.075	75	33.3	7	360	33	9	
Station #4	Surface(S)	0	58.98	9.14	513	7.48	6	0.022	1.41	0.059	0.86	0.027	27	0.095	95	28.4	12	350	32	8.8	
Depth (ft): 8	2	2	58.85	8.86	513	7.72															
Secchi	4	4	58.83	8.8	513	7.76		0.022	1.45	0.058	0.93	0.029	29	0.103	103	28.2	20	350	35	9.3	
Depth (ft): 1.5	(B)6	6	58.83	8.77	513	7.77		0.022	1.45	0.058	1.02	0.03	30	0.115	115	26.1	25	360	34	8.8	
Station #5	Surface(S)	0	61.75	8.75	513	7.87	7	0.023	1.48	0.061	0.82	0.031	31	0.08	80	38.8	11	360	32	8.8	
Depth(ft): 9.5	2	2	59.64	8.65	514	7.86															
Secchi	4	4	59.48	8.64	513	7.85															
Depth(ft): 2.0	(M)6	6	59.23	8.51	512	7.84		0.023	1.48	0.063	0.92	0.029	29	0.1	100	29.0	9	360	33	8.8	
	8	8	59.2	8.49	512	7.84															
	10	10	59.19	8.49	512	7.84															
	(B)12	12	59.12	8.48	511	7.83		0.023	1.48	0.064	0.93	0.029	29	0.107	107	27.1	22	370	33	9.6	
Averages								13	0.023	1.36	0.074	0.77	0.029	29.2	0.089	89.0667	32.8	13	359	53	9.2
Average	Surface	0.0	60.62	8.91	507	7.81		9	0.024	1.36	0.070	0.90	0.028	28	0.095	95	30.0	10	353	95	9.4

















