

## Volunteer Monitoring - 2011 Secchi Disk Summary Data

Lake Name	County	Surface Area (acres)	Max Depth (feet)	Yearly Min (feet)	Yearly Max (feet)	July/Aug Mean (feet)	Carlson's TSI (for Jul/Aug mean)	# of Obs.
Adams	LaGrange	308	93	4.2	18.0	6.4	50	10
Anne	Steuben	15	30	2.0	10.5	8.9	46	6
Barton	Steuben	94	44	9.0	14.2	13.8	39	3
Bear	Noble	136	59	9.4	9.4	0.0	n/a	1
Big	Noble	228	70	3.6	11.1	8.3	47	6
Big Bass	Porter	97	12	1.6	2.0	1.8	69	4
Big Chapman	Kosciusko	512	39	5.1	10.8	7.6	48	12
Big Long	LaGrange	366	82	10.8	19.5	11.4	42	6
Big Turkey	LaGrange	450	65	3.1	7.9	3.8	58	16
Bonar	Kosciusko	40	26	8.5	15.0	8.5	46	4
Cedar	Lake	781	16	9.0	16.0	9.5	45	4
Center	Kosciusko	120	42	5.7	11.1	6.0	51	4
Clear	LaPorte	800	107	7.0	8.5	7.6	48	4
Clear	Steuben	17	33	8.7	21.8	10.2	44	21
Cook	Marshall	93	52	3.9	8.1	6.6	50	4
Cordry	Brown	169	110	15.0	24.6	20.0	34	8
Crooked	Noble	117	43	8.0	16.0	11.2	42	5
Elizabeth	Kosciusko			8.6	16.2	12.4	41	5
Flat	Marshall	26	31	3.7	4.5	4.0	57	4
Flint	Porter	89	67	4.0	7.5	5.5	53	3
Gage	Steuben	327	70	6.2	13.2	7.4	48	6
Galbraith	Marshall	35	41	1.9	3.0	2.8	62	3
George	Steuben	488	71	8.7	8.7	8.7	46	1
Griffy	Monroe	130	36	8.0	11.0	11.0	43	2
Heaton	Elkhart	87	22	9.0	12.5	9.9	44	4
High	Noble	206	108	2.4	4.6	4.6	55	3
Hogback	Steuben	146	26	1.9	3.5	2.4	65	3
Holiday	Lake	180	22	3.0	5.3	3.3	60	4
Holiday	Montgomery	327	90	2.4	5.8	2.8	63	11
Indiana	Elkhart	122	68	9.5	24.0	17.5	36	52
Irish	Kosciusko	187	34	2.9	9.3	3.2	60	6
James	Kosciusko	282	63	5.1	7.6	6.2	51	4
James	Steuben	1034	86	11.3	13.9	13.5	40	3
Jones	Noble	115	23	2.7	2.7	0.0	n/a	1
Knapp	Noble	88	59	4.3	14.2	6.7	50	11
Koontz	Starke	346	31	2.0	9.5	2.7	63	13

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Lake of the Woods	LaGrange	136	84	4.2	13.0	7.4	48	4
Lake of the Woods	Marshall	416	48	3.0	5.6	3.0	61	4
Lamb	Johnson	95	42	2.1	7.4	6.3	51	15
Little Cedar	Whitley	45	75	7.9	11.1	9.3	45	5
Little Chapman	Kosciusko	177	31	3.0	4.6	3.6	58	11
Little Crooked	Whitley	11		3.0	7.0	3.7	58	5
Little Long	Noble	71	65	4.9	7.5	0.0	n/a	2
Little Turkey	LaGrange	135	30	2.0	5.0	2.0	67	2
Long	Porter	65	27	7.6	8.8	8.1	47	3
Loomis	Porter	62	55	4.5	5.0	4.5	55	2
Lost	Marshall	416	48	3.9	4.2	4.0	57	2
Louise	Porter	228	34	12.3	12.3	0.0	n/a	1
Manitou	Fulton	713	44	2.2	6.1	2.7	63	9
Martin	LaGrange	26	56	4.7	13.2	9.1	45	12
Maxinkuckee	Marshall	1854	88	6.0	12.5	6.2	51	5
McClish	Steuben	509	71	6.7	16.4	12.0	41	4
Nyona	Fulton	104	32	3.4	6.0	3.4	59	2
Ole Swimming Hole	Morgan	110	27	1.9	6.6	3.4	60	10
Olin	LaGrange	103	82	4.3	13.9	7.3	49	12
Oliver	LaGrange	371	91	4.2	17.3	5.5	53	12
Oswego	Kosciusko	83	36	4.9	9.2	5.8	52	4
Palestine	Kosciusko	230	23	2.6	11.4	4.7	55	7
Pinestone	Harrison			4.1	8.0	5.0	54	7
Pretty	Marshall	97	40	12.5	16.0	12.5	41	3
Rachel	Kosciusko			7.7	13.6	9.5	45	5
Ridinger	Kosciusko	55	12	3.0	7.0	4.2	56	3
Sechrist	Kosciusko	99	59	8.6	9.2	8.8	46	8
Shriner	Whitley	120	74	7.1	25.5	18.5	35	12
Silver	Steuben	238	38	8.5	10.3	10.0	44	4
Skinner	Noble	125	32	1.9	6.7	2.5	64	12
Snow	Steuben	422	84	6.7	7.5	7.2	49	5
Spirit	Marion			3.0	3.3	0.0	n/a	4
Steinbarger	Noble	73	36	3.7	6.0	3.8	58	7
Sweetwater	Brown	275	100	16.0	22.0	21.0	33	4
Syracuse	Kosciusko	564	35	6.6	8.3	7.4	48	4

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Tamarack	Noble	50	34	5.5	5.5	0.0	n/a	1
Tawny	St. Joseph			8.1	12.2	12.2	41	5
Tippecanoe	Kosciusko	707	123	5.2	9.3	5.9	51	4
Upper Long	Noble	86	54	6.0	8.0	6.7	50	9
Waldron	Noble	216	45	3.0	3.3	3.1	61	3
Waubee	Kosciusko	117	51	7.5	10.8	9.4	45	4
Wawasee	Kosciusko	2618	77	4.0	21.0	5.0	54	4
Webster	Kosciusko	774	45	2.0	3.0	2.4	65	6
West Otter	Steuben	118	31	3.8	10.5	6.1	51	18
Whippoorwill	Morgan	25	25	2.9	10.8	5.3	53	25
Winona	Kosciusko	478	80	7.0	7.0	0.0	n/a	1
Witmer	LaGrange	204	54	1.5	8.0	3.2	61	4
Yellow Creek	Kosciusko	158	70	1.6	3.2	2.0	67	4
<b>* No Data</b>	<b>Totals</b>			<b>n/a</b>	<b>n/a</b>	<b>n/a</b>		556
	2011 Min	11	12	1.5	2.0	0.0	33.3	1.0
	2011 Max	2618	123	16.0	25.5	21.0	68.7	52.0
	2011 Avg	280	53	5.5	10.3	6.5	51.2	6.6

### Carlson's TSI Score

### Trophic Classifications

0-30	<b>Oligotrophic :</b>	Clear water, oxygen in the bottom of the lake, trout fisheries possible
40-50	<b>Mesotrophic :</b>	Water less clear, decreasing oxygen in the bottom of the lake, loss of trout fisheries
50-70	<b>Eutrophic :</b>	Transparency 1-2 m, no oxygen in the bottom of the lake, weeds and algae abundant
70-100	<b>Hypereutrophic :</b>	Dense weeds, thick algae scums