

Data Summary Tonle Sap Survey; January 20-23, 2013																						
				Total	Sample																	
Station	Lat	Long	Date	Depth	Depth	Cond	DO	Temp	pH	SS	TP	TDP	DIP	DOP	PP	TN	TDN	DIN	NH ₄	NO ₃	DSi	Chl-a
	deg N	deg E		m	m	µS/cm	mg/L	°C		mg/L	µM	µM	µM	µM	µM	µM	µM	µM	µM	µM	µM	mg/L
1	13° 14.876	103° 49.381	20 Jan 13	1.9	1.0	123	2.85	25.2	6.48	478.0	1.25	1.24	1.19	0.05	0.01	93.94	55.00	36.42	13.81	22.62	nd	13.8
2	13° 13.987	103° 48.036	20 Jan 13	2.3	1.0	187	6.82	26.0	6.52	25.4	1.24	1.06	0.00	1.06	0.17	45.72	37.72	25.81	23.61	2.19	nd	14.1
3	13° 14.383	103° 46.355	20 Jan 13	2.2	1.0	225	6.91	25.7	6.67	26.7	1.47	1.15	0.12	1.03	0.32	40.94	31.06	19.24	12.99	6.26	nd	21.2
4	13° 14.063	103° 43.409	20 Jan 13	2.0	1.0	214	6.89	26.1	6.62	39.2	1.60	1.60	1.42	0.18	0.00	52.71	31.02	20.92	11.51	9.41	nd	36.1
5	13° 13.878	103° 42.253	20 Jan 13	1.9	1.0	232	8.65	27.7	6.49	16.2	1.00	0.98	0.08	0.90	0.03	43.14	40.05	19.88	10.93	8.95	nd	19.4
6	13° 14.089	103° 40.924	20 Jan 13	1.4	0.7	194	1.93	26.9	6.24	7.3	1.11	0.78	0.00	0.78	0.33	49.28	31.32	21.93	11.61	10.32	nd	9.2
7	13° 12.928	103° 41.382	21 Jan 13	2.4	1.2	226	2.26	24.9	6.33	10.5	1.11	0.89	0.14	0.75	0.22	69.62	62.63	22.71	14.72	8.00	nd	9.2
8	13° 11.975	103° 43.176	21 Jan 13	2.0	1.0	192	5.63	25.1	6.44	64.7	1.19	0.78	0.38	0.40	0.41	66.69	56.58	22.75	13.00	9.75	nd	18.4
9	13° 10.428	103° 44.690	21 Jan 13	2.3	1.1	155	6.39	25.1	6.45	63.8	1.50	0.91	0.42	0.48	0.60	58.79	47.25	27.77	14.32	13.45	nd	15.0
10	13° 08.811	103° 46.454	21 Jan 13	2.4	1.2	155	6.72	25.4	6.13	55.4	1.19	0.92	0.40	0.52	0.28	60.08	46.53	22.02	13.27	8.75	nd	15.8
11	13° 06.709	103° 48.120	21 Jan 13	2.4	1.2	147	7.18	26.0	6.37	40.8	1.35	0.83	0.26	0.57	0.52	42.59	34.73	17.40	12.51	4.89	nd	13.5
12	13° 04.923	103° 49.919	21 Jan 13	2.4	1.2	146	7.47	26.5	6.34	38.8	1.29	0.93	0.22	0.71	0.36	51.02	35.66	16.85	13.40	3.46	nd	9.1
13	13° 03.225	103° 51.840	21 Jan 13	2.5	1.2	155	7.65	26.2	6.35	37.5	1.33	0.99	0.17	0.82	0.34	60.27	30.41	18.44	12.91	5.53	nd	10.7
14	13° 13.066	103° 42.511	22 Jan 13	1.9	1.0	232	3.09	25.2	6.37	15.8	0.87	0.68	0.12	0.56	0.19	47.08	42.33	15.74	13.04	2.70	nd	14.5
15	13° 12.382	103° 44.756	22 Jan 13	2.3	1.1	176	6.78	25.9	6.34	70.3	0.93	0.85	0.32	0.53	0.09	66.83	60.03	27.86	12.90	14.95	nd	19.9
16	13° 11.712	103° 46.889	22 Jan 13	2.3	1.1	165	7.09	26.0	6.29	78.7	1.31	0.88	0.86	0.01	0.43	65.86	50.39	35.56	22.75	12.81	nd	16.2
17	13° 10.934	103° 49.064	22 Jan 13	2.6	1.3	164	6.98	26.3	6.29	55.7	1.25	1.14	0.61	0.52	0.11	60.27	53.67	26.83	15.43	11.40	nd	12.0
18	13° 09.857	103° 51.469	22 Jan 13	2.4	1.2	169	8.02	26.6	6.25	55.6	1.30	0.77	0.63	0.13	0.53	55.10	49.17	22.54	13.30	9.24	nd	16.1
19	13° 07.538	103° 52.695	22 Jan 13	2.7	1.3	166	8.79	26.3	6.28	26.4	1.09	0.80	0.11	0.69	0.29	39.68	37.73	19.66	13.10	6.56	nd	24.0
20	13° 09.892	103° 53.082	22 Jan 13	2.6	1.3	176	8.57	27.4	6.26	37.5	0.95	0.42	0.29	0.13	0.53	68.24	52.18	24.12	14.02	10.10	nd	20.3
21	13° 11.715	103° 51.683	22 Jan 13	2.6	1.3	192	8.03	27.3	6.53	57.8	1.05	0.93	0.28	0.65	0.12	60.99	45.20	26.90	15.52	11.38	nd	18.9
22	13° 13.526	103° 49.945	22 Jan 13	2.3	1.1	178	9.25	28.7	6.23	54.0	0.83	0.76	0.18	0.59	0.07	55.99	46.53	17.55	12.85	4.70	nd	58.9
23	13° 13.388	103° 50.845	22 Jan 13	2.0	1.0	168	7.35	28.0	6.21	41.3	1.05	0.96	0.70	0.25	0.10	54.79	40.68	18.15	14.05	4.10	nd	32.6
24	13° 12.504	103° 52.910	23 Jan 13	2.3	1.1	188	8.59	27.6	6.33	58.5	1.29	0.74	0.16	0.58	0.55	55.75	42.13	17.25	13.61	3.64	nd	72.4
25	13° 12.505	103° 55.082	23 Jan 13	2.0	1.0	177	8.00	28.0	6.33	36.8	1.23	1.08	0.25	0.83	0.14	60.91	36.74	17.22	11.13	6.09	nd	36.4
26	13° 11.789	103° 57.766	23 Jan 13	2.2	1.1	168	7.61	28.3	6.31	57.5	1.20	0.81	0.30	0.52	0.38	57.33	51.49	29.49	13.28	16.21	nd	56.2
27	13° 11.212	103° 59.626	23 Jan 13	2.0	1.0	169	7.54	28.5	6.24	29.3	0.90	0.54	0.52	0.02	0.35	53.04	44.80	34.52	12.96	21.55	nd	23.9
28	13° 09.647	104° 01.522	23 Jan 13	2.2	1.1	164	7.30	28.7	6.35	21.3	1.00	0.64	0.53	0.10	0.36	54.90	49.91	35.13	13.52	21.61	nd	13.0
29	13° 08.001	104° 03.017	23 Jan 13	2.0	1.0	167	7.97	28.9	6.30	17.2	1.45	0.54	0.30	0.24	0.92	51.04	44.80	28.31	13.38	14.93	nd	19.2
Data Summary Tonle Sap Survey; July 14-18, 2013																						
				Total	Sample																	
Station	Lat	Long	Date	Depth	Depth	Cond	DO	Temp	pH	SS	TP	TDP	DIP	DOP	PP	TN	TDN	DIN	NH ₄	NO ₃	DSi	Chl-a
	deg N	deg E		m	m	µS/cm	mg/L	°C		mg/L	µM	µM	µM	µM	µM	µM	µM	µM	µM	µM	µM	mg/L
30	13°13.918'	103°42.666'	14 Jul 13	2.1	1.0	96	3.06	30.3	5.75	151	1.64	1.11	0.99	0.12	0.53	49.6	44.1	23.8	16.1	7.7	179.8	9.3

				Total	Sample																	
Station	Lat	Long	Date	Depth	Depth	Cond	DO	Temp	pH	SS	TP	TDP	DIP	DOP	PP	TN	TDN	DIN	NH ₄	NO ₃	DSi	Chl-a
	deg N	deg E		m	m	µS/cm	mg/L	°C		mg/L	µM	µM	µM	µM	µM	µM	µM	µM	µM	µM	µM	mg/L
31	13°12.963'	103°47.758'	14 Jul 13	2.0	1.0	129	6.78	29.9	7.34	253	1.65	0.96	0.86	0.10	0.69	38.0	35.2	20.6	9.2	11.3	189.9	17.1
32	13°12.660'	103°45.686'	14 Jul 13	1.8	1.0	128	6.57	30.0	7.00	392	1.67	1.09	0.94	0.15	0.58	32.3	28.5	28.2	7.9	20.4	161.2	24.1
33	13°11.767'	103°44.920'	14 Jul 13	1.8	1.0	117	6.98	29.9	7.09	920	1.99	1.43	1.04	0.38	0.56	34.2	28.1	27.6	5.5	22.1	227.7	35.4
34	13°11.248'	103°47.290'	14 Jul 13	1.9	1.0	119	7.00	30.0	7.23	922	2.13	1.69	1.41	0.28	0.45	34.6	33.8	30.7	6.2	24.5	256.0	32.2
35	13°12.847'	103°49.104'	14 Jul 13	2.0	1.0	137	6.84	30.4	7.31	166	1.65	1.07	1.02	0.05	0.58	37.1	34.8	17.3	10.2	7.0	127.5	14.9
36	13°13.291'	103°50.135'	15 Jul 13	1.8	1.0	146	6.44	30.1	6.97	185	1.45	1.06	0.94	0.12	0.39	32.7	27.8	19.0	8.4	10.7	172.4	17.7
37	13°11.563'	103°52.166'	15 Jul 13	2.0	1.0	122	6.90	29.7	6.94	552	1.60	1.38	0.97	0.42	0.21	46.6	37.2	27.9	10.6	17.3	195.0	23.6
38	13°09.799'	103°53.816'	15 Jul 13	2.2	1.0	131	7.01	30.1	6.94	1134	2.53	2.02	1.91	0.11	0.51	31.1	28.2	22.9	5.9	16.9	167.0	35.1
39	13°08.077'	103°55.300'	15 Jul 13	2.4	1.0	127	6.95	30.1	7.03	1507	2.82	2.56	2.06	0.50	0.25	37.9	31.5	29.5	9.2	20.3	288.1	34.5
40	13°05.808'	103°56.298'	15 Jul 13	2.2	1.0	113	6.94	30.1	6.96	1584	2.50	2.51	1.71	0.80	0.00	41.1	32.5	29.9	9.5	20.5	278.9	33.4
41	13°07.552'	103°57.341'	15 Jul 13	2.4	1.0	124	6.85	30.3	6.95	1303	2.63	2.31	2.10	0.21	0.33	34.3	30.6	29.6	11.4	18.2	293.6	32.7
42	13°09.412'	103°58.150'	15 Jul 13	2.3	1.0	114	6.94	30.9	7.08	932	2.34	2.08	1.24	0.84	0.26	37.6	33.9	33.4	12.3	21.1	274.6	30.9
43	13°10.895'	103°58.639'	16 Jul 13	2.1	1.0	115	6.49	29.8	6.77	607	3.11	2.48	1.27	1.21	0.63	33.5	27.9	26.8	8.9	17.8	213.0	28.7
44	13°08.799'	103°59.034'	16 Jul 13	2.3	1.0	114	6.83	29.6	6.88	1000	2.62	2.55	2.16	0.39	0.07	34.0	32.0	31.0	8.3	22.7	402.6	39.3
45	13°06.938'	103°58.243'	16 Jul 13	2.3	1.0	123	6.84	29.5	6.94	1428	2.58	2.55	1.76	0.79	0.03	38.8	34.5	30.7	12.6	18.1	324.5	32.8
46	13°04.471'	103°57.565'	16 Jul 13	2.4	1.0	120	6.70	29.7	6.81	1580	2.41	1.81	1.40	0.41	0.60	35.2	32.0	29.5	9.1	20.4	309.0	34.6
47	13°02.387'	103°57.329'	16 Jul 13	2.4	1.0	125	6.91	29.9	6.86	1168	2.71	2.57	1.50	1.06	0.14	34.0	26.5	25.6	6.3	19.3	254.0	32.0
48	13°04.041'	103°58.854'	16 Jul 13	2.5	1.0	112	7.08	30.0	6.78	1585	2.25	2.10	1.53	0.57	0.15	34.0	32.4	30.2	5.9	24.3	296.4	33.7
49	13°06.359'	104°01.938'	16 Jul 13	2.5	1.0	121	6.99	30.0	6.81	1015	2.63	1.68	1.49	0.19	0.95	44.8	33.1	24.8	6.4	18.4	266.5	31.6
50	13°03.525'	104°04.991'	17 Jul 13	1.8	1.0	132	6.74	28.4	6.73	1715	1.89	1.84	1.36	0.48	0.05	50.2	44.9	39.1	4.9	34.3	238.6	44.5
51	13°00.432'	104°05.082'	17 Jul 13	2.7	1.0	141	7.08	28.3	6.72	1120	2.18	1.96	1.32	0.64	0.22	48.9	39.9	37.1	8.1	29.0	233.9	35.7
52	12°58.027'	104°06.768'	17 Jul 13	1.8	1.0	123	7.14	28.5	6.70	1136	2.07	1.42	1.20	0.22	0.66	51.8	33.8	32.3	5.7	26.6	242.1	45.2
53	12°55.499'	104°07.690'	17 Jul 13	1.7	1.0	102	7.21	28.7	6.74	948	1.64	1.26	0.77	0.49	0.38	28.1	27.7	19.1	7.6	11.5	205.3	38.3
54	12°52.509'	104°09.006'	17 Jul 13	1.9	1.0	128	7.40	29.0	6.90	525	1.32	0.55	0.42	0.13	0.77	36.7	29.9	12.4	5.3	7.1	197.9	28.0
55	12°49.890'	104°10.350'	17 Jul 13	2.0	1.0	200	7.22	29.4	6.96	293	1.65	0.63	0.59	0.04	1.02	34.5	23.7	6.5	5.1	1.5	81.4	24.7
56	12°47.508'	104°11.699'	17 Jul 13	2.0	1.0	181	6.95	30.0	6.91	335	2.13	0.60	0.54	0.06	1.53	35.9	23.5	8.9	4.8	4.1	154.8	28.0
57	12°44.265'	104°13.803'	17 Jul 13	1.7	1.0	196	7.41	30.1	6.95		1.36	0.85	0.68	0.17	0.51	37.9	29.1	13.7	6.2	7.6	267.2	49.0
58	12°43.509'	104°15.219'	18 Jul 13	2.1	1.0	159	6.88	28.7	6.80	221	1.24	0.64	0.58	0.07	0.60	35.3	33.0	21.0	8.0	13.0	154.0	33.2
Data Summary Tonle Sap Survey; June 24-26, 2014																						
Station	Lat	Long	Date	Depth	Depth	Cond	DO	Temp	pH	SS	TP	TDP	DIP	DOP	PP	TN	TDN	DIN	NH ₄	NO ₃	DSi	Chl-a
	deg N	deg E		m	m	µS/cm	mg/L	°C		mg/L	µM	µM	µM	µM	µM	µM	µM	µM	µM	µM	µM	mg/L
77	13°15.836'	103°49.333'	24 Jun 14	0.8	0.4	95	6.29	29.2	5.59	866	1.84	0.71	0.58	0.13	1.12	81.9	68.9	61.83	39.40	22.4	5.8	8.0
78	13°14.433'	103°49.514'	24 Jun 14	1.0	0.5	75	6.44	29.2	6.06	654	2.21	0.71	0.45	0.27	1.50	62.1	50.8	31.13	20.72	10.4	5.8	7.6
79	13°13.871'	103°49.655'	24 Jun 14	0.7	0.4	180	5.48	28.9	6.77	606	2.27	0.63	0.38	0.25	1.64	56.1	46.6	35.50	17.89	17.6	35.6	30.5
80	13°12.887'	103°49.469'	24 Jun 14	0.7	0.4	118	6.73	29.3	6.59	2143	3.04	0.62	0.52	0.10	2.42	79.8	69.0	36.96	12.49	24.5	11.4	74.3

Station	Lat	Long	Date	Total Depth	Sample Depth	Cond	DO	Temp	pH	SS	TP	TDP	DIP	DOP	PP	TN	TDN	DIN	NH ₄	NO ₃	DSi	Chl-a
	deg N	deg E		m	m	µS/cm	mg/L	°C		mg/L	µM	µM	µM	µM	µM	µM	µM	µM	µM	µM	µM	mg/L
81	13°11.686'	103°49.644'	24 Jun 14	0.7	0.4	147	7.00	29.5	6.74	2056	4.24	1.23	1.06	0.17	3.01	74.5	47.8	20.80	14.41	6.4	9.2	60.3
82	13°10.276'	103°49.064'	24 Jun 14	0.7	0.4	151	7.02	29.4	6.81	2100	4.25	1.61	0.90	0.70	2.64	67.3	44.6	21.71	10.86	10.9	10.7	55.9
83	13°08.143'	103°48.415'	24 Jun 14	0.7	0.4	152	7.08	29.6	6.74	2127	4.32	2.18	1.32	0.86	2.14	67.1	57.5	27.19	9.29	17.9	77.7	53.3
84	13°14' 11.3"	103°49' 41.2"	25 Jun 14	0.7	0.4	90	5.31	28.5	6.21	856	3.11	1.09	0.52	0.57	2.02	54.3	53.0	37.90	13.22	24.7	24.8	12.2
85	13°14' 09.6"	103°49' 41.9"	25 Jun 14	0.7	0.4	86	5.33	28.6	6.12	1078	3.91	0.51	0.39	0.12	3.41	57.0	36.4	34.69	14.68	20.0	21.8	16.3
86	13°13' 13.4"	103°50' 22.2"	25 Jun 14	0.9	0.5	176	6.65	28.3	6.66	1498	3.22	0.76	0.63	0.13	2.46	68.3	61.4	39.58	13.03	26.6	75.2	46.2
87	13°12' 53.0"	103°52' 10.3"	25 Jun 14	0.9	0.5	143	6.42	28.8	6.61	1843	3.22	0.74	0.58	0.16	2.48	79.3	78.6	50.44	13.32	37.1	21.6	64.6
88	13°12' 18.5"	103°53' 47.2"	25 Jun 14	1.1	0.6	134	6.70	29.3	6.60	1858	3.13	0.80	0.77	0.03	2.33	71.3	70.0	40.15	12.20	27.9	13.1	61.7
89	13°11' 45.4"	103°56' 02.1"	25 Jun 14	1.1	0.6	128	6.68	28.5	6.64	1996	3.69	0.57	0.51	0.07	3.12	77.0	69.3	33.30	11.25	22.0	9.3	74.2
90	13°11' 18.9"	103°58' 14.7"	25 Jun 14	0.9	0.5	176	6.30	29.1	6.76	1562	3.19	0.92	0.50	0.42	2.27	69.5	66.6	44.88	11.37	33.5	34.6	71.3
91	13°15' 06.5"	103°49' 20.7"	26 Jun 14	1.7	1.0	144	4.83	27.2	5.29	208	2.42	0.44	0.24	0.20	1.97	59.5	32.8	27.96	13.80	14.2	55.7	6.6
92	13°14' 35.7"	103°49' 21.2"	26 Jun 14	1.3	0.8	152	5.24	27.5	5.52	464	2.75	0.99	0.58	0.41	1.76	57.8	57.6	29.30	17.42	11.9	233.3	7.5
93	13°14' 10.4"	103°49' 41.4"	26 Jun 14	0.9	0.5	112	4.81	27.8	5.80	1133	2.61	0.74	0.26	0.48	1.87	58.7	58.1	50.35	22.92	27.4	47.3	12.8
94	13°13' 58.3"	103°49' 39.7"	26 Jun 14	0.9	0.5	111	4.13	27.6	5.99	1807	3.63	0.69	0.52	0.17	2.94	68.6	61.3	35.70	21.89	13.8	189.8	21.6
95	13°13' 47.4"	103°49' 38.7"	26 Jun 14	1.5	0.8	196	4.08	26.9	6.58	643	2.20	0.60	0.57	0.03	1.60	71.1	52.4	39.65	22.95	16.7	189.7	26.7
96	13°13' 21.0"	103°48' 41.1"	26 Jun 14	1.0	0.5	137	6.80	27.0	6.75	1904	3.23	0.71	0.49	0.22	2.52	72.1	64.9	48.15	18.67	29.5	39.2	56.8
97	13°13' 16.8"	103°47' 08.1"	26 Jun 14	1.0	0.5	141	6.73	27.3	6.72	1650	3.05	0.70	0.52	0.18	2.35	70.8	54.0	31.76	11.68	20.1	21.2	59.4
98	13°13' 15.0"	103°45' 43.6"	26 Jun 14	1.0	0.5	148	6.75	27.6	6.87	1330	2.96	0.89	0.65	0.25	2.07	82.4	76.0	41.84	12.79	29.0	20.2	52.7
99	13°12' 24.1"	103°44' 00.8"	26 Jun 14	0.9	0.5	137	6.48	27.9	6.70	1541	3.20	0.99	0.90	0.10	2.21	82.1	75.8	54.77	12.48	42.3	302.0	59.9
100	13°12' 30.8"	103°42' 46.3"	26 Jun 14	0.8	0.4	149	4.21	29.3	6.62	80	1.68	0.55	0.46	0.09	1.13	51.7	23.2	20.66	14.48	6.2	140.6	4.6
Data Summary Tonle Sap Survey; November 7-10, 2014																						
				Total	Sample																	
Station	Lat	Long	Date	Depth	Depth	Cond	DO	Temp	pH	SS	TP	TDP	DIP	DOP	PP	TN	TDN	DIN	NH ₄	NO ₃	DSi	Chl-a
	deg N	deg E		m	m	µS/cm	mg/L	°C		mg/L	µM	µM	µM	µM	µM	µM	µM	µM	µM	µM	µM	mg/L
101	13°14.16'	103°49.68'	7 Nov 14	6.0	1	136	4.67	31.4	6.30	10.8	1.29	0.85	0.43	0.42	0.44	19.1	16.6	14.79	10.41	4.37	30.4	31.3
101	13°14.16'	103°49.68'	7 Nov 14	6.0	5	154	1.10	30.8	6.23	28.8	1.73	1.10	0.30	0.80	0.64	24.8	19.7	16.65	12.30	4.36	6.6	5.6
102	13°14.16'	103°49.68'	7 Nov 14	6.1	1	173	4.23	31.5	6.27	11.2	1.38	0.64	0.31	0.33	0.73	31.2	18.8	17.31	13.41	3.90	19.2	11.1
102	13°14.16'	103°49.68'	7 Nov 14	6.1	5	195	1.92	30.6	6.13	145.5	1.65	1.03	0.35	0.68	0.62	37.1	27.1	18.13	14.45	3.67	6.3	14.8
103	13°14.16'	103°49.68'	8 Nov 14	6.0	1	193	4.30	31.2	6.56	9.6	1.28	0.75	0.29	0.47	0.53	29.7	21.3	18.36	13.88	4.48	107.5	10.2
103	13°14.16'	103°49.68'	8 Nov 14	6.0	5	173	1.67	30.3	6.52	31.6	1.43	0.90	0.40	0.49	0.53	41.6	21.7	19.89	14.58	5.32	94.4	6.8
104	13°12.745'	103°49.873'	8 Nov 14	6.3	1	207	4.18	30.9	6.65	9.0	1.27	0.67	0.24	0.42	0.60	37.9	19.2	16.42	13.03	3.39	119.2	14.3
104	13°12.745'	103°49.873'	8 Nov 14	6.3	5	206	3.94	30.8	6.70	10.0	1.38	1.06	0.27	0.79	0.32	31.0	19.2	18.44	14.20	4.24	90.9	11.7
105	13°12.200'	103°51.681'	8 Nov 14	7.0	1	203	5.26	31.2	6.62	7.3	1.20	0.96	0.21	0.74	0.24	31.2	18.6	16.48	13.91	2.57	116.8	17.6
105	13°12.200'	103°51.681'	8 Nov 14	7.0	6	207	4.61	30.8	6.84	11.0	1.40	0.99	0.27	0.73	0.41	33.2	17.7	14.88	14.63	0.25	143.6	11.1
106	13°11.935'	103°53.413'	8 Nov 14	7.0	1	209	6.68	31.3	6.79	9.5	1.77	1.33	0.23	1.10	0.44	35.0	15.4	14.20	12.70	1.51	75.2	27.2
106	13°11.935'	103°53.413'	8 Nov 14	7.0	6	208	5.02	30.8	6.97	46.8	1.31	0.82	0.30	0.53	0.49	25.5	18.0	16.60	12.82	3.78	91.2	16.2

				Total	Sample																	
Station	Lat	Long	Date	Depth	Depth	Cond	DO	Temp	pH	SS	TP	TDP	DIP	DOP	PP	TN	TDN	DIN	NH ₄	NO ₃	DSi	Chl-a
	deg N	deg E		m	m	µS/cm	mg/L	°C		mg/L	µM	µM	µM	µM	µM	µM	µM	µM	µM	µM	µM	mg/L
107	13°11.584'	103°56.084'	8 Nov 14	6.3	1	205	6.41	32.0	6.66	8.0	1.61	1.50	1.09	0.41	0.11	32.4	26.9	20.89	16.14	4.75	109.2	21.7
107	13°11.584'	103°56.084'	8 Nov 14	6.3	5	203	4.51	31.1	6.83	15.8	1.34	0.79	0.30	0.49	0.55	24.1	22.2	15.11	11.30	3.80	94.8	9.8
108	13°12.837'	103°58.452'	8 Nov 14	4.4	1	186	1.52	31.1	6.31	8.0	1.04	0.63	0.19	0.44	0.41	23.2	22.1	14.55	12.98	1.57	52.0	32.9
108	13°12.837'	103°58.452'	8 Nov 14	4.4	3	184	0.73	30.8	6.32	4.5	1.13	0.63	0.24	0.39	0.50	24.3	21.5	19.36	17.27	2.09	46.2	23.1
109	13°13.623'	103°51.038'	9 Nov 14	6.1	1	176	3.48	31.1	6.43	20.4	1.79	0.76	0.38	0.38	1.03	27.6	24.1	16.12	13.08	3.04	78.0	18.0
109	13°13.623'	103°51.038'	9 Nov 14	6.1	5	175	3.00	31.1	6.51	49.5	1.43	1.10	0.32	0.78	0.33	29.3	23.9	15.81	13.32	2.49	165.7	25.3
110	13°12.675'	103°54.493'	9 Nov 14	5.9	1	182	4.20	31.6	6.40	14.3	1.36	0.91	0.26	0.64	0.45	21.5	19.8	14.73	12.10	2.63	99.7	29.5
110	13°12.675'	103°54.493'	9 Nov 14	5.9	5	182	2.31	31.2	6.64	36.4	1.62	1.21	0.27	0.93	0.41	33.8	24.8	24.11	16.74	7.38	107.1	17.4
111	13°11.703'	103°58.027'	9 Nov 14	5.7	1	183	5.98	31.9	6.49	22.0	1.45	0.95	0.24	0.71	0.50	24.1	22.5	20.26	14.73	5.53	106.2	24.6
111	13°11.703'	103°58.027'	9 Nov 14	5.7	5	177	2.29	31.2	6.55	34.0	1.83	1.10	0.36	0.74	0.73	37.4	22.6	18.27	15.15	3.12	111.7	20.6
112	13°13.230'	103°58.485'	9 Nov 14	6.5	1	155	3.29	31.3	6.23	4.3	1.23	0.76	0.22	0.54	0.47	21.3	19.2	7.39	6.13	1.26	57.8	28.0
112	13°13.230'	103°58.485'	9 Nov 14	6.5	5	152	0.52	30.5	6.24	3.7	1.26	0.81	0.33	0.48	0.45	24.3	23.7	5.72	3.94	1.78	54.6	11.7
113	13°13.190'	103°58.474'	10 Nov 14	1.4	1	149	2.14	30.9	6.19	6.0	1.48	0.81	0.28	0.53	0.67	18.5	17.8	5.19	3.87	1.32	80.6	31.2
114	13°11.195'	103°58.222'	10 Nov 14	6.3	1	170	5.93	31.8	6.48	10.8	1.70	1.08	0.25	0.83	0.62	25.9	16.9	7.05	4.65	2.40	160.1	28.3
114	13°11.195'	103°58.222'	10 Nov 14	6.3	5	169	4.56	31.0	6.72	12.2	1.15	0.64	0.26	0.38	0.51	19.5	14.3	6.97	3.76	3.20	139.0	11.0
115	13°09.021'	103°57.292'	10 Nov 14	6.4	1	173	7.96	31.4	6.51	9.5	1.14	1.06	0.24	0.83	0.08	18.3	13.4	5.11	3.87	1.23	135.4	12.0
115	13°09.021'	103°57.292'	10 Nov 14	6.4	5	169	6.49	30.5	6.76	13.0	1.47	0.70	0.21	0.48	0.77	20.8	12.5	7.00	5.86	1.15	51.2	14.2
116	13°08.847'	103°56.112'	10 Nov 14	6.4	1	170	8.25	31.2	6.63	9.4	1.18	0.96	0.25	0.71	0.22	15.1	11.8	5.58	4.37	1.21	131.7	10.6
116	13°08.847'	103°56.112'	10 Nov 14	6.4	5	164	6.72	30.5	6.94	14.4	1.12	0.83	0.30	0.53	0.29	15.4	12.8	6.16	3.81	2.35	105.9	11.2
117	13°10.518'	103°54.169'	10 Nov 14	6.2	1	171	8.50	31.8	6.61	9.8	1.39	0.75	0.19	0.56	0.64	28.8	13.8	5.07	3.87	1.20	20.1	15.5
117	13°10.518'	103°54.169'	10 Nov 14	6.2	5	165	6.04	30.5	6.96	15.0	1.11	0.74	0.23	0.50	0.37	27.7	15.8	5.46	4.18	1.28	25.7	15.3
118	13°12.148'	103°52.034'	10 Nov 14	6.1	1	173	7.20	32.1	6.60	8.8	1.60	1.56	1.18	0.38	0.04	32.6	21.7	5.10	3.95	1.16	21.2	19.2
118	13°12.148'	103°52.034'	10 Nov 14	6.1	5	169	3.44	30.6	6.78	17.0	1.49	0.87	0.32	0.54	0.62	36.5	24.3	7.64	5.05	2.59	34.2	9.2
119	13°13.529'	103°50.366'	10 Nov 14	6.0	1	164	4.56	32.3	6.57	18.8	1.55	0.68	0.27	0.41	0.87	39.2	26.0	7.32	5.26	2.06	14.1	23.1
119	13°13.529'	103°50.366'	10 Nov 14	6.0	5	155	1.23	30.9	6.66	552.0	3.68	0.98	0.37	0.60	2.70	54.9	27.8	14.12	9.12	5.00	11.1	93.8
Tonlesap River Sampling between Jul 13th to Jul 18th, 2013																						
				Total	Sample																	
Station	Lat	Long	Date	Depth	Depth	Cond	DO	Temp	pH	SS	TP	TDP	DIP	DOP	PP	TN	TDN	DIN	NH ₄	NO ₃	DSi	Chl-a
	deg N	deg E		m	m	µS/cm	mg/L	°C		mg/L	µM	µM	µM	µM	µM	µM	µM	µM	µM	µM	µM	mg/L
62S	11° 34' 30.6	104° 55' 54.	17 Sep 13	16.3	1	141	4.82	29.5	6.71	15.8	1.01	0.72	0.68	0.05	0.28	27.4	24.8	20.2	5.8	14.4	121.5	1.3
62B					12	146	5.81	29.0	6.83	37.6	1.18	0.84	0.71	0.13	0.34	30.6	27.7	27.1	7.1	19.9	125.3	0.7
64S	11° 35' 23.6	104° 55' 20.	17 Sep 13	22.3	1	149	4.48	29.6	6.97	20.4	1.13	0.86	0.70	0.17	0.26	32.6	27.8	18.7	4.2	14.5	122.9	1.3
64B					12	150	4.57	29.6	7.06	16.6	0.99	0.77	0.67	0.10	0.22	34.5	25.0	21.7	6.7	15.0	125.6	1.5
65S	11° 37' 57.0	104° 54' 30.	17 Sep 13	19.2	1	149	4.42	29.7	7.00	17.2	1.30	0.96	0.92	0.04	0.34	32.9	28.2	20.7	5.2	15.5	127.4	1.3
65B					12	149	4.39	29.7	7.08	44.6	1.01	0.78	0.74	0.04	0.23	28.6	25.7	19.8	4.1	15.6	123.5	1.6
66S	11° 39' 08.2	104° 52' 26.	17 Sep 13	14.5	1	148	4.52	29.7	6.98	15.4	0.96	0.66	0.64	0.02	0.30	25.0	22.1	17.9	4.0	13.9	125.7	2.8

				Total	Sample																		
Station	Lat	Long	Date	Depth	Depth	Cond	DO	Temp	pH	SS	TP	TDP	DIP	DOP	PP	TN	TDN	DIN	NH ₄	NO ₃	DSi	Chl-a	
	deg N	deg E		m	m	µS/cm	mg/L	°C		mg/L	µM	µM	µM	µM	µM	µM	µM	µM	µM	µM	µM	mg/L	
66B					12	149	4.56	29.6	7.06	15.4	0.98	0.74	0.71	0.02	0.24	24.6	23.6	17.7	3.7	14.0	133.3	1.9	
67S	11° 41' 23.0	104° 51' 00.	17 Sep 13	13.0	1	146	4.91	29.8	7.00	15.4	1.00	0.69	0.64	0.05	0.31	26.7	25.2	24.3	10.1	14.1	120.9	2.0	
67B					12	148	4.55	29.7	7.05	14.0	0.98	0.70	0.58	0.12	0.29	31.0	28.3	22.2	8.6	13.7	124.5	1.3	
68S	11° 44' 13.3	104° 50' 11.	17 Sep 13	17.6	1	145	4.96	29.6	7.15	13.0	0.98	0.63	0.60	0.03	0.35	30.0	27.8	27.7	14.4	13.2	124.0	1.5	
68B					12	146	4.78	29.6	7.03	16.0	0.80	0.75	0.60	0.14	0.05	30.0	23.1	17.8	4.2	13.7	120.4	1.6	
69S	11° 47' 20.9	104° 49' 31.	17 Sep 13	18.2	1	145	5.30	29.8	6.91	12.2	0.96	0.71	0.65	0.05	0.26	30.7	24.7	17.4	4.3	13.1	123.2	2.7	
69B					12	147	4.98	29.5	6.95	11.4	0.92	0.65	0.62	0.03	0.26	30.5	30.0	25.2	11.8	13.4	124.1	1.5	
70S	11° 50' 49.4	104° 48' 12.	18 Sep 13	19.7	1	148	4.74	29.4	6.93	14.0	1.00	0.65	0.52	0.13	0.35	29.4	27.8	26.7	13.5	13.2	121.6	2.1	
70B					12	150	4.82	29.4	6.93	16.5	0.94	0.66	0.64	0.02	0.27	28.5	27.1	23.2	10.0	13.3	122.9	2.2	
71S	11° 53' 12.4	104° 47' 29.	18 Sep 13	10.4	1	147	4.80	29.4	6.88	16.4	1.06	0.76	0.53	0.23	0.30	25.7	23.6	21.3	10.2	11.1	119.0	2.2	
71B					9	149	4.72	29.4	7.06	18.2	1.03	0.84	0.49	0.34	0.19	31.8	25.7	23.6	10.5	13.0	120.9	1.9	
72S	11° 55' 12.8	104° 49' 29.	18 Sep 13	11.2	1	144	4.63	29.5	6.87	12.8	1.07	0.68	0.66	0.02	0.39	29.5	28.9	27.8	16.6	11.2	124.0	1.8	
72B					10	147	4.64	29.5	7.01	17.4	1.05	0.74	0.70	0.04	0.32	30.1	29.3	26.9	13.4	13.5	120.9	1.9	
73S	11° 58' 06.2	104° 49' 57.	18 Sep 13	18.7	1	143	4.80	29.6	7.14	11.2	1.09	0.86	0.64	0.22	0.24	32.6	31.6	28.0	14.6	13.4	122.2	1.5	
73B					12	146	4.71	29.5	7.04	11.0	1.16	0.77	0.58	0.19	0.38	27.2	26.8	21.3	7.9	13.4	121.0	1.2	
74S	11° 59' 51.3	104° 48' 27.	18 Sep 13	10.6	1	144	4.99	29.7	7.03	10.0	0.93	0.64	0.61	0.03	0.29	26.0	22.2	20.9	8.2	12.7	122.5	2.1	
75S	11° 58' 28.4	104° 47' 20.	18 Sep 13	11.7	1	143	4.95	29.7	7.25	13.8	0.92	0.69	0.58	0.11	0.23	25.9	23.4	18.7	5.3	13.4	119.1	1.1	
75B					10	146	4.67	29.5	7.30	13.4	1.15	0.77	0.66	0.11	0.38	29.3	27.1	22.1	7.3	14.8	118.4	1.6	
76S	11° 56' 31.5	104° 48' 08.	18 Sep 13	12.4	1	144	4.69	29.6	7.32	12.6	1.18	0.69	0.69	0.00	0.49	30.2	26.3	20.1	6.8	13.3	118.1	1.7	
76B					11.0	147	4.96	29.5	7.22	16.2	1.04	0.61	0.60	0.01	0.43	26.7	25.0	18.6	4.9	13.7	115.8	1.4	