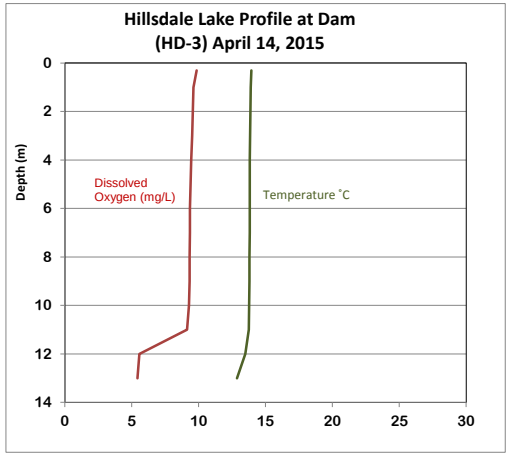
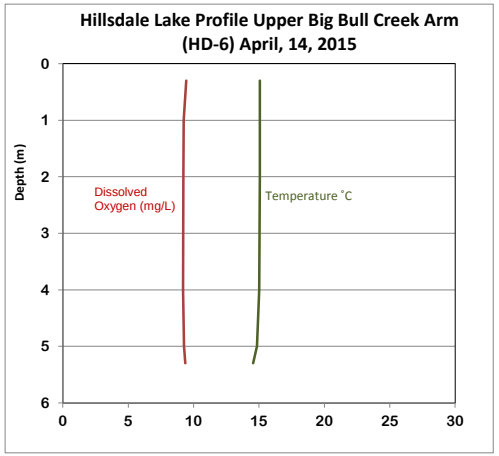
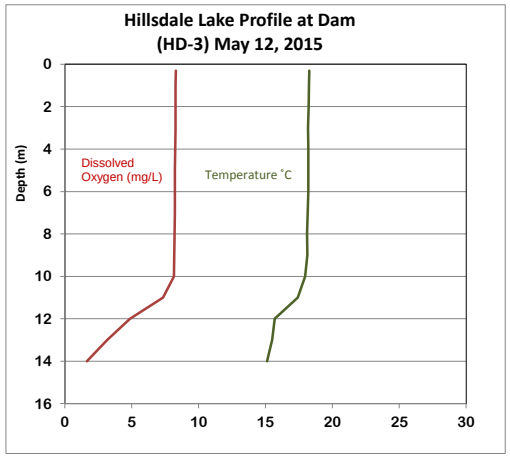
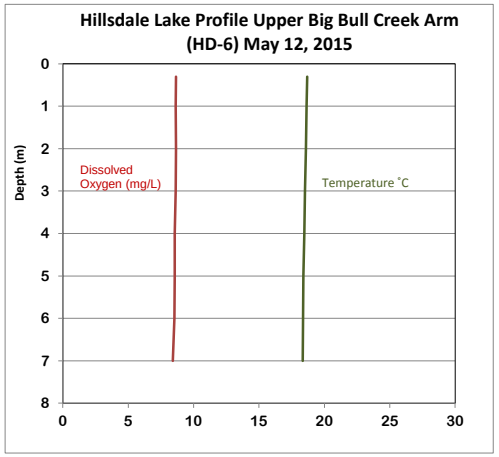
Site #	Date MMDDYY	Time HHMM	Depth (M) meters	Temp øC	Conductivity æS/cm	pH Units	Turbidity NTU	D.O. mg/l	D.O % Saturatio	Secchi Depth meters	Lake elevation feet	outflow csf
HD-3	4/14/2015	930	0.3	13.93	341.6	6.88	0	9.84	95.7	1	916.52	8
	4/14/2015	930	1	13.88	341.7	7.24	0	9.61	93.3			
	4/14/2015	930	3	13.83	341.5	7.42	0	9.51	92.2			
	4/14/2015	930	4	13.82	341.6	7.57	0	9.43	91.5			
	4/14/2015	930	5	13.82	341.1	7.65	0	9.38	91			
	4/14/2015	930	6	13.82	341.5	7.71	0	9.34	90.6			
	4/14/2015	930	7	13.81	341.2	7.74	0	9.35	90.7			
	4/14/2015	930	8	13.8	341.2	7.77	0	9.33	90.5			
	4/14/2015	930	9	13.79	341.4	7.79	0	9.33	90.4			
	4/14/2015	930	10	13.78	341.4	7.79	0	9.28	89.9			
	4/14/2015	930	11	13.74	342	7.81	0	9.12	88.3			
	4/14/2015	930	12	13.48	344.9	7.65	0	5.56	53.5			
	4/14/2015	930	13	12.86	351	7.7	0	5.43	70.5			
HD-6	4/14/2015	1000	0.3	15.06	360	7.18	6.5	9.44	94.1	0.35		
	4/14/2015	1000	1	15.06	359.2	7.65	6.8	9.24	92.1			
	4/14/2015	1000	2	15.06	359.7	7.76	6.9	9.22	91.9			
	4/14/2015	1000	4	15.02	359.8	7.83	6.7	9.2	91.6			
	4/14/2015	1000	5	14.86	354.4	7.98	5.7	9.26	91.9			
	4/14/2015	1000	5.3	14.55	349.2	7.96	5.1	9.37	92.4			
HD-11	4/14/2015	1030	0.3	14.93	352.5	7.24	0	9.46	94	0.65		
	4/14/2015	1030	1	14.91	352.4	7.62	0	9.73	96.7			
	4/14/2015	1030	3	14.85	352.6	7.78	0	9.74	96.7			
	4/14/2015	1030	4	14.81	352.4	7.84	0	9.72	96.4			
	4/14/2015	1030	5	14.35	347.8	7.89	0	9.58	94			
	4/14/2015	1030	6	13.8	344	7.81	0	9.12	88.5			
	4/14/2015	1030	7	13.74	344.6	7.75	3.8	8.35	80.9			
HD-2	4/14/2015	1100	0.3	15.23	360.1	6.93	0	10.65	106.5			





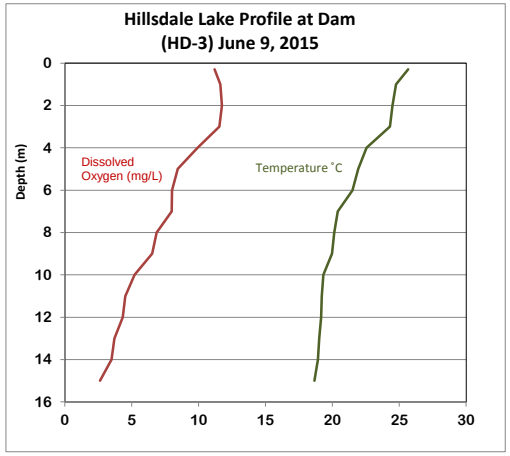
Site #	Date MMDDYY	Time HHMM	Depth (M) meters	Temp øC	Conductivity æS/cm	pH Units	Turbidity NTU	D.O. mg/l	D.O % Saturatio	Secchi Depth meters	Lake elevation feet	outflow csf
HD-2	5/12/2015	945	0.3	17.49	265.2	8.13	12.7	9.8	102		918.18	24
HD-3	5/12/2015	1015	0.3	18.27	360.8	8.1	7.5	8.28	87.5	1		
	5/12/2015	1015	1	18.25	360.7	7.94	7.4	8.27	87.5			
	5/12/2015	1015	2	18.21	361.8	8.11	7.6	8.27	87.4			
	5/12/2015	1015	3	18.18	361	8.08	7.6	8.26	87.2			
	5/12/2015	1015	4	18.19	360.8	8.09	7.8	8.24	87			
	5/12/2015	1015	5	18.2	360.9	8.11	7.8	8.23	86.9			
	5/12/2015	1015	6	18.2	361.3	8.11	7.8	8.23	86.9			
	5/12/2015	1015	7	18.14	360.7	8.1	7.9	8.23	86.8			
	5/12/2015	1015	8	18.11	361.1	8.1	8	8.19	86.4			
	5/12/2015	1015	9	18.13	360.7	8.11	8	8.16	86			
	5/12/2015	1015	10	17.95	361.3	8.06	8.7	8.15	85.6			
	5/12/2015	1015	11	17.41	361.9	7.89	9.4	7.34	76.3			
	5/12/2015	1015	12	15.68	369	7.62	9.9	4.88	48.9			
	5/12/2015	1015	13	15.49	369.9	7.55	10.3	3.18	31.8			
	5/12/2015	1015	14	15.11	374.1	7.53	991	1.63	16.1			
HD-11	5/12/2015	1045	0.3	18.68	364.2	8.18	6.4	8.65	92.3	0.3		
	5/12/2015	1045	1	18.63	362.8	8.2	6.3	8.64	92			
	5/12/2015	1045	2	18.59	362.1	8.08	6.3	8.66	92.1			
	5/12/2015	1045	3	18.52	362.5	8.16	6.4	8.63	91.8			
	5/12/2015	1045	4	18.46	362.6	8.13	6.7	8.56	90.9			
	5/12/2015	1045	5	18.39	361.9	8.18	6.8	8.55	90.7			
	5/12/2015	1045	6	18.37	362.6	8.23	7.1	8.54	90.5			
	5/12/2015	1045	7	18.35	363.1	8.14	22.6	8.41	89.1			
HD-6	5/12/2015	1115	0.3	18.61	364.6	7.87	46.7	7.95	84.7			
	5/12/2015	1115	1	18.55	364.4	7.91	47.4	7.81	83.1			
	5/12/2015	1115	2	18.51	361.3	7.87	38.8	7.45	79.2			
	5/12/2015	1115	3	18.26	361.3	7.92	35.1	7.44	78.7			
	5/12/2015	1115	4	18.02	362.4	7.92	16.6	7.45	78.4			
	5/12/2015	1115	5	17.89	361.8	7.89	17.3	7.4	77.7			
	5/12/2015	1115	6	17.09	363.6	7.69	38.4	6.1	63			

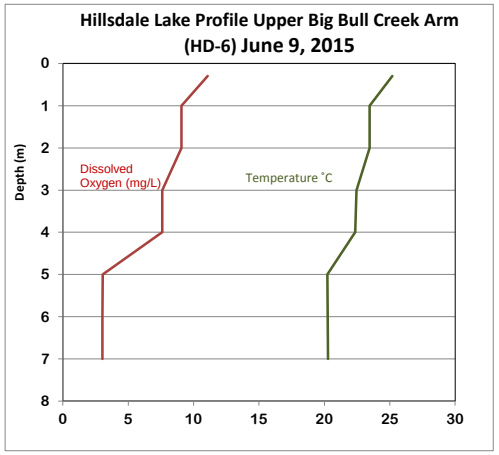
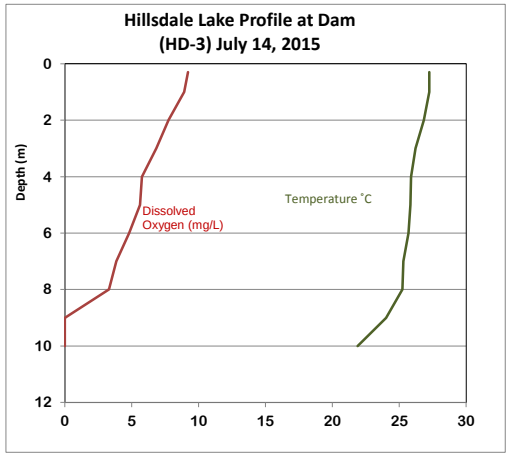
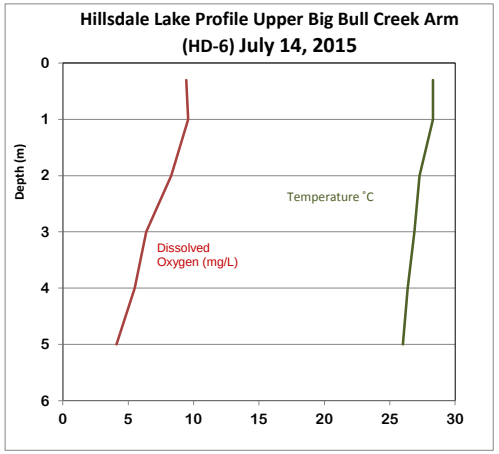




Site #	Date MMDDYY	Time HHMM	Depth (M) meters	Temp øC	Conductivity æS/cm	pH Units	Turbidity NTU	D.O. mg/l	D.O % Saturatio	Secchi Depth meters	Lake elevation feet	outflow csf

HD-2	6/9/2015	830	0.7	22.8	390.4	7.6	11.4	9.5	109.3		923.3	1600.0
HD-3	6/9/2015	1000	0.3	25.7	328.0	8.7	12.7	11.2	136.7	0.8		
	6/9/2015	1000	1	24.8	325.0	8.8	7.2	11.6	139.6			
	6/9/2015	1000	2	24.5	326.9	8.7	6.3	11.7	140.1			
	6/9/2015	1000	3	24.3	323.4	8.4	6.3	11.6	137.6			
	6/9/2015	1000	4	22.5	328.4	8.2	6.1	9.9	114.2			
	6/9/2015	1000	5	21.9	330.2	8.1	6.1	8.4	95.9			
	6/9/2015	1000	6	21.5	331.3	8.0	6.4	8.0	90.3			
	6/9/2015	1000	7	20.4	332.2	7.9	6.6	8.0	88.0			
	6/9/2015	1000	8	20.1	333.7	7.8	7.1	6.9	75.3			
	6/9/2015	1000	9	20.0	334.0	7.8	8.1	6.5	71.5			
	6/9/2015	1000	10	19.3	336.0	7.6	8.5	5.2	56.3			
	6/9/2015	1000	11	19.2	335.8	7.6	9.1	4.5	48.7			
	6/9/2015	1000	12	19.2	336.2	7.5	9.6	4.3	46.7			
	6/9/2015	1000	13	19.0	335.5	7.4	10.6	3.7	39.6			
	6/9/2015	1000	14	18.9	335.3	7.4	11.6	3.5	37.3			
	6/9/2015	1000	15.0	18.6	336.3	7.4	59.8	2.6	27.9			
HD-6	6/9/2015	900	0.3	25.2	299.4	8.6	16.8	11.1	134.1	0.6		
	6/9/2015	900	1	23.5	321.7	8.4	8.4	9.1	106.4			
	6/9/2015	900	2	23.5	321.4	8.3	8.4	9.1	106.3			
	6/9/2015	900	3	22.5	327.2	8.0	11.8	7.6	87.4			
	6/9/2015	900	4	22.4	327.4	8.0	11.6	7.6	87.4			
	6/9/2015	900	5	20.2	305.0	7.4	56.5	3.1	33.7			
	6/9/2015	900	6	20.3	304.6	7.4	55.8	3.0	33.4			
	6/9/2015	900	7	20.3	304.3	7.4	55.1	3.0	33.4			
HD-11	6/9/2015	930	0.3	25.2	329.7	8.7	4.8	11.2	136.0	1.1		
	6/9/2015	930	1	24.6	328.9	8.7	5.6	11.5	137.9			
	6/9/2015	930	2	24.5	329.9	8.7	6.3	11.4	135.6			
	6/9/2015	930	3	24.0	330.4	8.5	5.6	10.2	121.2			
	6/9/2015	930	4	23.0	330.9	8.3	5.8	9.6	111.9			
	6/9/2015	930	5	22.4	329.5	8.2	6.0	8.4	96.5			
	6/9/2015	930	6	22.0	331.2	8.0	6.8	8.0	91.4			
	6/9/2015	930	7	21.4	336.3	7.7	11.0	6.0	67.5			
	6/9/2015	930	8	20.4	339.7	7.5	18.8	3.8	41.4			
	6/9/2015	930	9	19.9	342.5	7.4	23.9	2.5	27.6			
	6/9/2015	930	10	19.6	346.4	7.4	109.8	1.1	12.4			





Site #	Date MMDDYY	Time HHMM	Depth (M) meters	Temp øC	Conductivity æS/cm	pH Units	Turbidity NTU	D.O. mg/l	D.O % Saturatio	Secchi Depth meters	Lake elevation feet	outflow csf
HD-2	7/14/2015	1115	0.3	25.82	0.1	7.89	7.3	7.25	92.6		918.78	300
HD-3	7/14/2015	1030	0.3	27.23	236.2	8.7	0	9.21	120.7	1.01		
	7/14/2015	1030	1	27.24	236.3	8.71	3	8.92	117			
	7/14/2015	1030	2	26.84	237.5	8.52	3.3	7.73	100.7			
	7/14/2015	1030	3	26.21	238.4	8.3	3.6	6.82	87.7			
	7/14/2015	1030	4	25.88	238.8	8.15	4.2	5.75	74.2			
	7/14/2015	1030	5	25.82	238.8	8.1	4.5	5.6	71.6			
	7/14/2015	1030	6	25.68	239.3	8.01	5	4.79	61			
	7/14/2015	1030	7	25.31	239.3	7.86	5.5	3.85	49.1			
	7/14/2015	1030	8	25.22	239.5	7.82	6	3.28	41.5			
	7/14/2015	1030	9	24	243.2	7.67	5.7	0	0			
	7/14/2015	1030	10	21.89	253.4	7.57	4.1	0	0			
HD-6	7/14/2015	1000	0.3	28.31	231.2	8.78	0	9.44	126.1	0.85		
	7/14/2015	1000	1	28.31	231.1	8.8	0	9.59	128.1			
	7/14/2015	1000	2	27.28	235.6	8.54	0	8.29	108.8			
	7/14/2015	1000	3	26.88	238	8.24	0.8	6.39	83.2			
	7/14/2015	1000	4	26.37	238.6	8.13	1.7	5.51	71.1			
	7/14/2015	1000	5	26	239.9	7.91	3.5	4.1	52.5			
HD-11	7/14/2015	1020	0.3	28.49	233.4	8.84	0	10.15	136.1	0.95		
	7/14/2015	1020	1	28.39	234	8.83	2.4	8.97	120.1			
	7/14/2015	1020	2	27.29	237.6	8.63	2.7	8.5	111.5			
	7/14/2015	1020	3	26.82	239.5	8.33	3.1	6.1	79.4			
	7/14/2015	1020	4	25.61	242.6	7.75	2.9	2.86	36.5			
	7/14/2015	1020	5	24.99	241.3	7.69	2.1	2	25.1			
	7/14/2015	1020	6	24.68	241.5	7.64	1.3	1.54	19.2