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Station moved to dock on 9Nov08, between 11:38 and 12:30pm EDT

The water level sensor (referenced to dock) settles for several days after moving platform to lake center and thus underestimates water level during this period.

Adjusted Tw sensors 13Nov07 based on comparison of depths and vs PUV & YSI sonde profiles (note that Tw at 11.3m matches PUV Tw at 12.5, probably within sediment boundary layer)

Tw12 adjusted to match others on bottom after moved to dock

H310 sensor depth & Lake level are based on differential pressure

sensor with ca 0.1mm resolution & vertical position referenced to bottom of lake.

Sensor PSIG converted to depth using density of water at 40C (1.43321 sp/m)

Lake level is referenced also to lower frame of dock at SE corner (2003-May2005)

(Actual water level at dock varies seasonally with density of water column and hourly from precip, runoff, evaporation, seepage & outflow. Outflow also varies with status of beaver dam).

		5280 f/mile		1609.3 m/mile																																			
		Tair avg F	Tair max F	Tair min F	RHair-%	Rain-mm	WS-min	WS Max- mph	WDIR-deg	Barom-mb	Sum Rad W/m2	Sum PAR W/m2	Tw 0.1m F	Tw 0.5m F	Tw 1m F	Tw 2m F	Tw 3m F	Tw 4m F	Tw 5m F	Tw 6m F	Tw 8m F	Tw 10m F	Tw 12m F	H310_z (m)	Lakelevel- mm (40C)	cumul. rain-mm	Batt min-V	RH% CR10 enc	RH% MUX enc										
Month summary		37.8	43.0	32.5	1.70	3.3	26						43.9	44.2	44.1	43.8	44.2	44.4	44.2	44.2	43.8	43.7	44.0																
month 11		3.2	6.1	0.3	83.1	43.3	1.5	11.6	228.9	963.5	151504789	305	6.6	6.8	6.7	6.6	6.8	6.9	6.8	6.8	6.8	6.5	6.7	4.3	70.2	43.3	12.4	12.7	13.6										

		Data																																								
		Location	% records	Date	Day of Yr	Tair avg-C	Tair HI-C	Tair Min-C	RHair-%	Rain-mm	WS-min	WS Max- m/s	WDIR-deg	Barom-mb	Sum Rad J/m2	Mol/m2	Tw 0.1m	Tw 0.5m	Tw 1m	Tw 2m	Tw3m	Tw4m	Tw5m	Tw6m	Tw8m	Tw H310-C	Tw12m	H310 depth- mm (40C)	Lakelevel- mm (40C)	cumul. rain-mm	Batt min-V	RH% CR10 enc	RH% MUX enc									
LC	100%	11/1/2008	306	10.0	13.0	3.8	68.0	0.0	1.7	6.1	271	971.5	8048698	17	8	9	8.6	8.5	8.5	8.5	8.3	8.3	8.2	8.2	8.1	10.2	91.8	0.000	12.7	11.3	12.2											
LC	100%	11/2/2008	307	3.2	9.1	-1.3	65.5	0.0	1.4	5.6	190	977.7	13217813	25	8	9	8.5	8.4	8.3	8.2	8.2	8.2	8.1	8.1	8.1	10.2	93.6	0.000	12.6	12.3	13.3											
LC	100%	11/3/2008	308	6.7	9.8	3.8	90.0	0.0	1.6	5.8	204	977.7	2666226	6	8	8	8.4	8.3	8.2	8.3	8.2	8.2	8.1	8.1	8.1	10.2	93.3	0.000	12.6	11.6	12.5											
LC	100%	11/4/2008	309	9.5	12.9	5.2	93.3	0.0	0.7	3.8	220	974.8	5037178	11	8	8	8.5	8.3	8.2	8.2	8.2	8.1	8.1	8.1	8.1	10.2	92.8	0.000	12.6	11.4	12.1											
LC	100%	11/5/2008	310	11.3	15.6	7.9	87.5	0.4	0.8	5.1	127	969.6	5646331	12	9	9	8.9	8.4	8.3	8.3	8.2	8.2	8.1	8.1	8.0	10.2	92.0	0.400	12.6	11.4	11.8											
LC	100%	11/6/2008	311	13.0	15.3	11.3	97.6	3.8	1.6	5.9	60	963.5	3343989	8	10	10	9.4	8.6	8.3	8.3	8.2	8.2	8.1	8.1	8.0	10.2	95.5	4.200	12.6	11.8	11.6											
LC	100%	11/7/2008	312	13.3	14.8	11.8	97.7	0.4	0.6	2.7	158	959.9	3459321	3	11	10	9.7	8.8	8.4	8.3	8.2	8.2	8.1	8.1	8.0	10.2	96.9	4.600	12.6	11.8	11.6											
LC	100%	11/8/2008	313	11.3	13.0	7.8	93.4	1.4	1.5	6.0	211	952.9	1427205	8	11	10	9.9	9.0	8.4	8.3	8.3	8.2	8.1	8.1	8.0	10.2	96.9	6.000	12.5	12.4	12.1											
LC	100%	11/9/2008	314	5.8	7.6	3.8	72.8	0.0	1.5	8.4	256	954.9	7427971	15	10	10	9.7	9.1	8.8	8.9	8.8	8.7	8.6	8.6	8.7	6.0	94.1	6.000	12.5	12.1	13.0											
LC	100%	11/10/2008	315	3.4	4.4	0.9	68.9	0.0	2.2	7.6	286	962.3	5841896	12	9	9	8.8	8.7	8.8	8.9	8.8	8.9	8.6	8.7	8.8	2.1	86.0	6.000	12.7	12.3	13.2											
LC	100%	11/11/2008	316	2.2	4.1	0.4	71.8	0.0	1.8	6.9	298	971.0	5275065	11	8	8	8.2	8.1	8.2	8.4	8.3	8.4	8.1	8.2	8.3	2.1	78.1	6.000	12.6	12.5	13.4											
LC	100%	11/12/2008	317	2.9	8.0	-1.6	78.1	0.0	0.5	4.4	228	973.8	7002815	14	8	8	8.0	7.8	8.0	8.2	8.1	8.2	7.9	7.9	8.1	2.1	72.2	6.000	12.6	12.5	13.5											
LC	100%	11/13/2008	318	5.8	9.5	2.4	95.3	5.6	0.7	6.5	156	967.1	988026	2	8	8	7.8	7.7	7.9	8.1	8.0	8.0	7.8	7.8	8.0	2.1	71.7	11.600	12.5	12.0	12.9											
LC	100%	11/14/2008	319	10.6	13.2	8.0	98.4	0.3	0.5	4.1	173	960.7	5618055	12	8	8	8.0	7.9	8.1	8.3	8.2	8.2	7.9	8.0	8.2	2.1	71.1	11.900	12.5	12.0	12.2											
LC	100%	11/15/2008	320	12.9	17.9	9.6	98.5	11.3	1.0	7.7	175	949.6	1939114	5	9	9	8.4	8.2	8.3	8.5	8.4	8.4	8.2	8.3	8.4	2.1	73.6	23.200	12.5	12.7	12.8											
LC	100%	11/16/2008	321	4.0	11.1	0.7	73.7	2.6	3.3	10.1	288	950.5	3108036	7	8	8	8.3	8.2	8.3	8.5	8.3	8.4	8.2	8.3	8.4	2.1	82.3	25.800	12.5	12.6	13.7											
LC	100%	11/17/2008	322	0.6	2.8	-1.3	74.4	0.0	1.9	7.3	278	961.6	5439229	11	7	8	7.5	7.4	7.6	7.8	7.6	7.7	7.4	7.5	7.6	2.1	75.8	25.800	12.5	12.9	13.9											
LC	100%	11/18/2008	323	-3.1	-1.2	-5.6	76.7	0.0	3.2	11.3	283	963.9	6119134	12	7	7	6.8	6.6	6.8	7.0	6.9	7.0	6.7	6.7	6.9	2.1	71.4	25.800	12.5	13.5	14.6											
LC	100%	11/19/2008	324	-5.0	-3.0	-7.0	75.5	0.0	2.8	8.5	314	984.5	8616764	16	6	6	6.0	5.8	6.0	6.2	6.0	6.2	5.9	5.8	6.1	2.1	64.4	25.800	12.6	14.0	15.1											
LC	100%	11/20/2008	325	-3.7	-1.6	-5.9	84.4	0.0	1.3	6.6	273	957.7	4372759	8	6	6	5.7	5.6	5.9	6.0	5.7	5.9	5.6	5.6	5.8	2.1	59.8	25.800	12.6	13.7	14.8											
LC	100%	11/21/2008	326	-5.3	-2.4	-8.1	78.9	0.0	2.2	8.1	296	963.6	8514070	16	5	5	5.1	4.9	5.3	5.5	5.2	5.4	5.1	5.0	5.3	2.1	54.7	25.800	12.6	14.1	15.4											
LC	100%	11/22/2008	327	-7.1	-4.6	-8.8	73.9	0.0	3.0	11.6	307	971.6	6336443	12	4	4	4.2	4.0	4.4	4.6	4.4	4.6	4.2	4.1	4.4	2.1	48.3	25.800	12.6	14.5	15.8											
LC	100%	11/23/2008	328	-5.4	-2.0	-8.8	78.8	0.0	1.2	6.5	266	973.9	5253340	10	3	4	3.8	3.8	4.5	4.6	4.4	4.5	4.1	4.0	4.3	2.1	43.5	25.800	12.5	14.2	15.5											
LC	100%	11/24/2008	329	-0.1	3.4	-4.8	72.8	2.9	0.8	5.9	187	967.5	5854857	12	3	3	3.6	3.8	4.5	4.7	4.5	4.6	4.2	4.0	4.5	2.1	40.8	28.700	12.6	13.0	14.2											
LC	100%	11/25/2008	330	0.2	2.3	-2.2	97.7	8.2	0.7	5.0	221	953.8	3158515	7	3	4	3.6	3.7	4.5	4.6	4.4	4.5	4.1	3.9	4.3	2.1	49.0	36.900	12.6	13.0	14.1											
LC	100%	11/26/2008	331	0.2	2.3	-2.1	89.8	0.2	1.2	7.4	250	957.6	3295522	7	3	3	3.6	3.8	4.4	4.6	4.4	4.5	4.1	3.9	4.3	2.1	48.6	37.100	12.5	13.1	14.2											
LC	100%	11/27/2008	332	-0.4	2.0	-2.6	82.4	0.0	0.9	5.5	246	961.2	4802016	10	3	3	3.4	3.6	4.4	4.5	4.3	4.2	3.9	3.8	4.2	2.1	45.4	37.100	12.5	13.3	14.5											
LC	100%	11/28/2008	333	1.8	4.1	-1.0	72.5	0.0	1.7	8.6	269	956.1	5950516	12	3	3	3.3	3.4	4.0	4.2	4.0	4.0	3.6	3.6	3.9	2.1	42.5	37.100	12.5</													