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Station moved from shallow water (ca. 2.5m max) at dock to lake center on 21 April 2007
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 in October 2006 based on 1:15 minutes in cooler filled with surface lake water

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 4°C (1.43321 psi/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	ft/mile																					
							1609	m/mile																					
		Tair avg F	Tair max F	Tair min F		Rain-in	WS-mph	WS max mph					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							
		66.0	87.9	42.6		3.96	4.2	28					74.8	74.5	74.1	72.2	66.8	56.4	48.3	44.7	42.2	41.5	41.0							
Month summary		Tair avg-C	Tair Hi-C	Tair Min-C	RHair-%	Rain-mm	WS-m/s	WS Max-m/s	WDIR-deg	Barom-mb	Sum Rad W/m2	Sum PAR uM/m2/s	Tw 0.1m	Tw 0.5m	Tw 1m	Tw 2m	Tw 3m	Tw 4m	Tw 5m	Tw 6m	Tw 8m	Tw10.2 m	Tw11.5 m	H310_z (m)	Lakelevel-mm (4oC)	cumul. rain-mm	Batt min-V	RH% CR10 enc	RH% MUX enc	Max of RHair
		18.9	**31.0**	**5.9**	**81.5**	**100.7**	**1.9**	**12.5**	**234.1**	**963.9**	**773910**	**1610794**	**23.8**	**23.6**	**23.4**	**22.3**	**19.3**	**13.5**	**9.0**	**7.1**	**5.7**	**5.3**	**5.0**	**10.2**	**-74.4**	**100.7**	**12.7**	**16.2**	**16.0**	**102.1**

month (All)

Data

Location	% records	Date	Day of Yr	Tair avg-C	Tair Hi-C	Tair Min-C	RHair-%	Rain-mm	WS-m/s	WS Max-m/s	WDIR-deg	Barom-mb	Sum Rad W/m2	Sum PAR uM/m2/s	Tw 0.1m	Tw 0.5m	Tw 1m	Tw 2m	TW3 m	TW4 m	TW5 m	TW6m	TW8m	TW H310-C	TW12m	H310 depth-m (4oC)	Lakelevel-	cumul. rain-mm	Batt min-V	RH% CR10 enc	RH% MUX enc	Max of RHair
LC	100%	6/1/2007	152	22.0	28.1	16.7	79.4	0.1	1.6	5.9	248	966.4	27375	56832	24.6	24.4	23.5	20.7	16.2	11.3	7.7	6.4	5.4	5.1	4.9	10.2	-69.3	0.1	12.7	13	16	100
LC	100%	6/2/2007	153	22.5	27.9	17.7	82.1	0.5	1.3	6.5	224	962.8	25732	52827	25.2	24.9	24.3	21.1	16.4	11.4	7.9	6.4	5.4	5.1	4.9	10.2	-72.8	0.6	12.7	13	12	97
LC	100%	6/3/2007	154	20.0	23.6	16.2	91.6	13.8	2.1	8.5	167	957.5	14261	30334	24.9	24.8	24.6	21.4	16.5	11.5	7.9	6.5	5.5	5.1	4.9	10.2	-68.1	14.4	12.7	14	13	99
LC	100%	6/4/2007	155	16.5	19.5	14.8	98.3	2.0	1.9	8.2	152	948.1	8388	18577	23.1	23.1	23.1	22.0	16.6	11.6	8.0	6.5	5.5	5.1	4.9	10.2	-61.3	16.4	12.7	14	13	100
LC	100%	6/5/2007	156	18.4	21.3	13.4	80.6	0.5	2.4	9.8	247	949.5	21602	45247	22.4	22.4	22.4	21.9	16.7	11.7	8.0	6.5	5.5	5.1	4.9	10.2	-63.3	16.9	12.7	15	13	99
LC	100%	6/6/2007	157	12.0	15.9	7.9	72.6	0.0	3.1	9.8	307	960.4	30924	63178	21.4	21.3	21.4	21.3	17.0	11.8	8.1	6.6	5.5	5.1	5.0	10.2	-69.2	16.9	12.7	12	12	96
LC	100%	6/7/2007	158	15.8	24.3	5.9	74.7	0.0	1.4	6.0	232	966.0	30581	63998	21.4	21.2	21.0	20.6	17.7	11.9	8.1	6.6	5.5	5.2	5.0	10.2	-75.0	16.9	12.8	13	13	100
LC	100%	6/8/2007	159	24.0	30.7	15.6	76.2	9.8	1.7	12.5	202	962.4	29997	63152	23.1	22.5	21.8	20.9	18.0	12.0	8.3	6.7	5.5	5.2	5.0	10.2	-77.5	26.7	12.8	15	14	98
LC	100%	6/9/2007	160	19.5	23.1	15.7	81.8	0.0	2.6	7.7	289	963.2	31018	64759	23.5	23.4	23.4	21.5	18.3	12.2	8.5	6.8	5.6	5.2	5.0	10.2	-68.8	26.7	12.7	16	22	101
LC	100%	6/10/2007	161	18.5	23.6	15.1	87.6	0.0	1.3	5.6	183	965.5	21491	44736	23.8	23.6	23.5	22.1	18.4	12.4	8.6	6.8	5.6	5.2	5.0	10.2	-73.2	26.7	12.7	15	14	96
LC	100%	6/11/2007	162	19.2	23.8	16.3	86.8	3.2	1.2	6.2	221	966.5	21696	45535	24.1	24.0	23.9	22.4	18.6	12.5	8.6	6.9	5.6	5.2	5.0	10.2	-75.7	29.9	12.7	16	14	101
LC	100%	6/12/2007	163	19.1	25.5	15.4	91.6	7.9	1.4	9.1	215	966.4	21738	45963	24.2	24.1	24.0	22.7	18.6	12.8	8.7	6.9	5.6	5.2	5.0	10.2	-72.0	37.8	12.7	17	15	101
LC	100%	6/13/2007	164	17.2	23.4	13.8	93.8	2.3	1.8	8.5	184	966.7	18270	38149	24.0	23.9	23.9	23.2	18.8	12.8	8.8	7.0	5.6	5.2	5.0	10.2	-68.9	40.1	12.7	17	15	102
LC	100%	6/14/2007	165	13.2	17.6	10.6	81.2	0.0	1.9	7.7	117	968.6	20559	42377	22.8	22.7	22.7	22.6	18.9	13.0	8.8	7.0	5.7	5.2	5.0	10.2	-72.8	40.1	12.7	15	15	98
LC	100%	6/15/2007	166	16.5	22.8	10.1	80.2	0.0	1.2	5.5	180	966.7	31746	66116	23.0	22.9	22.5	22.1	19.1	13.1	8.9	7.0	5.7	5.2	5.0	10.2	-77.0	40.1	12.7	15	14	100
LC	100%	6/16/2007	167	17.3	22.9	13.2	87.5	4.1	1.5	7.2	227	964.8	23632	49348	23.2	23.1	22.9	22.3	19.5	13.2	9.0	7.0	5.7	5.3	5.0	10.1	-79.2	44.2	12.7	16	14	100
LC	100%	6/17/2007	168	20.7	26.5	14.0	81.0	0.0	1.6	6.4	262	963.1	27888	58025	23.4	23.3	23.2	22.6	19.6	13.5	9.1	7.1	5.7	5.3	5.0	10.1	-80.4	44.2	12.7	17	15	99
LC	100%	6/18/2007	169	22.0	28.2	16.0	77.9	0.0	1.0	5.3	248	965.8	31457	66020	25.0	24.3	23.9	23.0	19.9	13.6	9.2	7.1	5.7	5.3	5.0	10.1	-83.7	44.2	12.7	18	16	100
LC	100%	6/19/2007	170	23.5	29.6	18.5	83.9	22.8	2.0	10.2	191	964.6	24784	50902	25.3	25.0	24.7	23.4	20.0	13.8	9.3	7.2	5.7	5.3	5.0	10.1	-84.4	67.0	12.7	19	17	99
LC	100%	6/20/2007	171	19.0	22.0	15.2	76.1	4.5	3.0	10.7	293	962.8	28913	59870	24.6	24.6	24.7	24.2	20.4	14.1	9.5	7.3	5.8	5.3	5.1	10.2	-61.8	71.5	12.7	18	18	101
LC	100%	6/21/2007	172	16.9	23.5	12.9	78.7	8.0	2.4	11.3	265	962.2	27574	57387	23.8	23.7	23.7	23.6	20.9	14.3	9.6	7.3	5.8	5.3	5.1	10.2	-66.9	79.5	12.7	15	16	101
LC	100%	6/22/2007	173	15.7	18.7	12.4	70.1	0.1	3.6	12.2	299	960.6	32433	66136	23.1	23.0	23.1	23.0	22.0	14.5	9.7	7.4	5.8	5.3	5.1	10.2	-65.9	79.6	12.7	16	17	101
LC	100%	6/23/2007	174	14.0	18.7	8.9	63.0	0.0	2.9	9.2	302	962.7	34379	70598	22.1	22.1	22.1	22.1	21.6	14.8	9.8	7.4	5.8	5.4	5.1	10.2	-75.0	79.6	12.8	14	14	91
LC	100%	6/24/2007	175	16.7	24.4	7.9	71.0	0.0	1.7	6.3	273	967.4	31988	66806	22.3	22.2	22.0	21.7	21.3	15.2	9.9	7.4	5.8	5.4	5.1	10.1	-81.2	79.6	12.8	15	15	93
LC	100%	6/25/2007	176	20.7	25.6	15.5	85.3	0.0	1.4	6.1	208	971.1	22723	46845	22.9	22.7	22.6	22.0	21.3	15.5	10.0	7.5	5.8	5.4	5.1	10.1	-84.8	79.6	12.8	17	17	99
LC	100%	6/26/2007	177	24.9	31.0	19.2	78.8	0.0	1.2	5.8	241	972.4	31620	66494	24.8	23.9	23.3	22.4	21.4	15.9	10.0	7.6	5.8	5.4	5.1	10.1	-87.1	79.6	12.7	20	18	100
LC	100%	6/27/2007	178	24.6	30.4	19.5	84.2	15.5	1.6	10.0	238	968.0	27710	57968	26.2	25.8	24.4	22.9	21.6	16.2	10.2	7.6	5.9	5.4	5.1	10.1	-87.1	95.1	12.7	20	22	101
LC	100%	6/28/2007	179	21.1	25.9	18.5	95.6	5.5	1.7	11.7	252	963.7	19912	42410	26.0	25.9	25.4	23.3	21.6	16.4	10.3	7.7	5.9	5.4	5.1	10.2	-75.1	100.6	12.7	21	25	101
LC	100%	6/29/2007	180	18.5	21.6	14.1	82.2	0.0	1.5	5.7	278	965.4	21185	43692	25.2	25.1	25.2	23.6	21.7	16.6	10.4	7.8	5.9	5.4	5.1	10.2	-74.0	100.6	12.7	21	21	101
LC	100%	6/30/2007	181	17.2	22.8	10.0	69.9	0.1	2.0	12.1	277	965.1	32332	66515	24.4	24.4	24.4	24.1	21.8	16.6	10.5	7.8	6.0	5.4	5.1	10.1	-79.2	100.7	12.7	18	17	100
#N/A	#N/A																															