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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							
	63.4	83.9	36.2		0.73	3.5	29					71.6	71.3	71.2	70.6	69.7	68.1	63.6	55.3	45.3	43.2	42.5							
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
	17.5	**28.8**	**2.4**	**82.8**	**18.6**	**1.6**	**13.0**	**238.7**	**969.2**	**585692**	**1209905**	**22.0**	**21.9**	**21.8**	**21.4**	**20.9**	**20.1**	**17.6**	**13.0**	**7.4**	**6.2**	**5.8**	**10.2**	**-30.3**	**18.6**	**12.6**	**11.6**	**14.3**	**102.0**

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%	9/1/2007	244	16.1	20.7	11.1	79.0	0.0	1.9	8.7	278	970.7	23004	47416	23.3	23.2	23.3	23.2	21.6	20.4	17.2	12.2	7.2	6.0	5.7	10.253	16.9	0.0	12.7	30	54	99
LC	100%	9/2/2007	245	15.7	23.2	7.9	77.3	0.0	1.1	4.8	226	972.9	26782	55348	23.1	22.9	22.7	22.5	22.0	20.5	17.2	12.3	7.2	6.0	5.7	10.246	9.6	0.0	12.7	29	54	100
LC	100%	9/3/2007	246	19.8	25.3	13.9	76.4	0.0	1.6	6.0	253	967.3	25145	51786	23.0	22.9	22.8	22.5	22.1	20.6	17.2	12.3	7.2	6.1	5.7	10.239	3.5	0.0	12.7	25	38	95
LC	100%	9/4/2007	247	19.8	23.7	15.5	74.8	0.0	1.7	6.2	268	965.9	24969	52275	23.2	23.1	23.1	22.7	22.2	20.6	17.2	12.3	7.2	6.1	5.7	10.234	-1.7	0.0	12.7	9	10	96
LC	100%	9/5/2007	248	17.6	23.7	12.6	85.9	0.0	0.9	3.7	191	969.6	18588	38909	23.4	23.2	23.0	22.8	22.3	20.7	17.2	12.4	7.2	6.1	5.7	10.230	-6.2	0.0	12.7	10	10	100
LC	100%	9/6/2007	249	21.0	25.2	16.6	82.9	0.0	1.8	6.7	219	972.9	20360	42124	23.2	23.1	23.1	22.8	22.4	20.8	17.2	12.5	7.2	6.1	5.7	10.226	-10.1	0.0	12.7	9	10	96
LC	100%	9/7/2007	250	23.6	28.8	18.7	84.5	0.0	1.9	6.5	223	970.5	22792	47221	23.8	23.6	23.3	23.0	22.5	20.9	17.2	12.5	7.3	6.1	5.7	10.222	-13.8	0.0	12.7	9	9	99
LC	100%	9/8/2007	251	23.6	28.2	20.6	88.1	0.0	1.7	5.9	234	967.9	17531	37059	24.5	24.2	23.8	23.3	22.6	20.9	17.3	12.6	7.3	6.2	5.7	10.219	-17.2	0.0	12.7	9	9	98
LC	100%	9/9/2007	252	22.6	26.9	19.4	85.1	0.0	1.2	6.8	214	966.6	18584	38515	24.7	24.6	24.5	23.6	22.7	21.0	17.2	12.6	7.3	6.2	5.8	10.216	-20.1	0.0	12.7	9	9	101
LC	100%	9/10/2007	253	20.7	23.4	18.0	93.6	0.0	1.3	5.4	283	964.9	11422	24335	24.5	24.5	24.5	23.9	22.8	21.0	17.2	12.7	7.3	6.2	5.8	10.213	-23.3	0.0	12.6	9	10	100
LC	100%	9/11/2007	254	18.8	20.0	14.4	97.7	12.7	1.5	13.0	199	956.6	3954	9044	23.8	23.8	23.9	23.8	22.9	21.0	17.2	12.7	7.3	6.1	5.8	10.217	-19.0	12.7	12.6	9	10	102
LC	100%	9/12/2007	255	14.6	18.3	10.3	78.3	0.0	2.4	9.9	284	963.6	20591	42025	22.7	22.6	22.7	22.6	22.5	21.1	17.3	12.8	7.3	6.2	5.8	10.221	-14.6	12.7	12.6	10	11	99
LC	100%	9/13/2007	256	14.4	20.3	7.6	83.3	0.1	1.2	5.4	201	970.9	22511	46558	22.3	22.1	22.1	21.9	21.7	21.3	17.3	12.8	7.4	6.2	5.8	10.217	-19.3	12.8	12.7	10	11	101
LC	100%	9/14/2007	257	17.6	19.9	14.6	89.6	0.0	2.7	9.8	198	967.3	13123	27387	21.6	21.6	21.7	21.6	21.5	21.1	17.4	12.8	7.4	6.2	5.8	10.213	-23.2	12.8	12.7	10	10	97
LC	100%	9/15/2007	258	13.2	17.3	8.1	84.5	1.5	3.0	10.0	294	964.7	15023	30789	21.0	21.0	21.1	21.0	20.9	20.9	17.6	12.9	7.4	6.2	5.8	10.210	-26.0	14.3	12.7	10	11	99
LC	100%	9/16/2007	259	9.3	14.9	4.8	82.8	0.0	1.4	5.6	217	973.6	17926	36117	20.1	20.1	20.1	20.1	20.0	19.9	18.2	12.9	7.4	6.2	5.8	10.205	-30.5	14.3	12.7	11	12	101
LC	100%	9/17/2007	260	9.7	16.9	2.4	83.8	0.1	1.1	6.1	190	977.0	24257	49237	19.9	19.8	19.8	19.5	19.3	19.2	18.3	12.9	7.4	6.2	5.8	10.202	-34.0	14.4	12.7	11	12	102
LC	100%	9/18/2007	261	11.5	19.2	4.4	85.7	0.1	1.0	4.4	193	976.7	23338	47684	19.9	19.8	19.6	19.3	19.1	19.0	18.2	13.0	7.4	6.2	5.8	10.199	-37.3	14.5	12.7	11	11	102
LC	100%	9/19/2007	262	14.4	22.8	5.2	84.4	0.2	0.9	4.2	219	973.6	23290	47788	20.1	19.7	19.5	19.3	19.0	18.9	18.1	13.0	7.5	6.2	5.8	10.196	-40.1	14.7	12.7	10	11	102
LC	100%	9/20/2007	263	17.5	25.0	10.3	86.5	0.1	0.9	3.4	230	970.5	21997	45202	20.8	20.0	19.7	19.4	19.1	18.9	18.0	13.1	7.5	6.2	5.8	10.194	-42.5	14.8	12.7	10	10	101
LC	100%	9/21/2007	264	18.6	25.1	13.0	84.2	0.1	0.9	4.5	224	969.8	21156	43669	21.1	20.7	20.2	19.7	19.3	19.0	17.9	13.2	7.5	6.3	5.8	10.192	-44.4	14.9	12.7	10	10	101
LC	100%	9/22/2007	265	20.8	26.4	15.5	88.0	0.0	1.6	6.4	254	966.8	18026	38199	21.2	21.1	20.9	20.1	19.5	19.1	17.8	13.3	7.5	6.3	5.9	10.189	-46.6	14.9	12.7	9	10	99
LC	100%	9/23/2007	266	17.0	21.7	11.9	71.0	0.0	2.3	9.2	301	971.1	22886	46680	21.0	20.9	21.0	20.6	19.7	19.2	17.8	13.4	7.5	6.3	5.9	10.186	-49.6	14.9	12.7	10	11	93
LC	100%	9/24/2007	267	16.3	24.4	7.9	74.2	0.0	1.0	5.4	242	972.4	22443	46205	20.8	20.6	20.6	20.3	19.9	19.3	17.7	13.4	7.5	6.3	5.9	10.182	-53.6	14.9	12.7	10	11	99
LC	100%	9/25/2007	268	21.1	28.8	12.5	69.7	0.0	1.5	5.9	255	968.6	21299	44055	21.0	20.8	20.6	20.3	20.0	19.4	17.7	13.5	7.5	6.3	5.9	10.179	-56.5	14.9	12.7	9	10	92
LC	100%	9/26/2007	269	23.8	28.6	19.6	75.5	0.0	1.7	7.1	246	965.4	16753	34794	21.6	21.4	21.2	20.6	20.1	19.4	17.7	13.5	7.6	6.4	6.0	10.177	-58.9	14.9	12.7	9	10	88
LC	100%	9/27/2007	270	21.8	26.4	17.2	85.1	2.7	1.3	8.9	201	963.1	13712	28273	22.1	21.9	21.9	20.8	20.2	19.5	17.6	13.6	7.6	6.3	6.0	10.175	-60.6	17.6	12.7	9	10	100
LC	100%	9/28/2007	271	15.8	19.0	11.9	89.2	0.9	2.0	9.3	299	962.1	13792	28660	21.6	21.6	21.7	21.2	20.3	19.5	17.6	13.7	7.6	6.4	6.0	10.176	-59.6	18.5	12.6	10	11	101
LC	100%	9/29/2007	272	14.1	18.8	9.7	81.2	0.0	2.8	8.7	317	973.9	19820	40427	20.6	20.5	20.6	20.5	20.3	19.7	17.6	13.7	7.6	6.4	6.0	10.172	-63.6	18.5	12.7	10	11	99
LC	100%	9/30/2007	273	13.3	20.1	6.6	81.6	0.1	1.1	4.7	210	979.8	20617	42126	20.4	20.2	20.2	19.9	19.8	19.6	17.7	13.7	7.7	6.4	6.0	10.169	-67.2	18.6	12.7	10	11	101
#N/A	#N/A																															