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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							
	59.4	84.1	33.1		1.41	4.6	24					65.0	64.7	64.0	61.4	55.8	47.7	43.9	42.5	41.4	40.9	40.7							
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
	15.2	**28.9**	**0.6**	**65.2**	**35.7**	**2.1**	**10.9**	**242.0**	**968.1**	**814514**	**1681044**	**18.3**	**18.1**	**17.8**	**16.3**	**13.2**	**8.7**	**6.6**	**5.8**	**5.2**	**5.0**	**4.8**	**10.2**	**-25.0**	**35.7**	**12.7**	**11.2**	**11.7**	**101.9**

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%	5/1/2007	121	10.4	15.7	5.4	61.7	6.6	1.4	6.3	228	962.6	14052	30335	12.9	12.8	12.7	12.4	9.4	6.6	5.7	5.3	5.1	4.8	4.7	10.2	7.4	6.6	12.8	11	12	97
LC	100%	5/2/2007	122	12.0	16.0	9.2	71.3	0.2	2.6	9.0	294	961.7	21080	44282	13.2	13.2	13.2	13.0	9.6	6.7	5.7	5.4	5.1	4.9	4.7	10.2	12.1	6.8	12.8	11	18	99
LC	100%	5/3/2007	123	11.4	17.4	3.1	41.3	0.0	2.1	9.2	274	970.4	32386	65335	13.7	13.7	13.6	13.3	10.0	6.8	5.8	5.4	5.1	4.9	4.7	10.2	8.1	6.8	12.8	11	12	85
LC	100%	5/4/2007	124	10.6	17.1	1.9	44.5	0.0	1.9	7.9	254	971.0	30460	61727	14.3	14.3	14.2	13.9	10.3	6.9	5.8	5.4	5.1	4.9	4.7	10.2	3.6	6.8	12.8	11	12	80
LC	100%	5/5/2007	125	11.5	18.4	2.4	46.9	0.0	2.3	9.1	269	968.7	28915	59601	14.9	14.7	14.6	14.3	10.6	7.0	5.9	5.5	5.1	4.9	4.7	10.2	-0.6	6.8	12.8	11	12	88
LC	100%	5/6/2007	126	9.5	15.3	4.0	44.1	0.0	3.1	9.1	82	975.5	32890	66384	14.5	14.5	14.5	14.2	11.3	7.2	5.9	5.5	5.1	4.9	4.7	10.2	-5.7	6.8	12.8	11	12	68
LC	100%	5/7/2007	127	11.0	19.4	0.6	50.2	0.0	1.3	6.9	191	976.7	31562	64568	15.6	15.2	14.8	14.2	11.6	7.3	6.0	5.5	5.1	4.9	4.7	10.2	-10.0	6.8	12.8	11	12	89
LC	100%	5/8/2007	128	16.4	24.7	6.4	35.9	0.0	1.9	6.5	222	970.7	32204	66390	16.3	15.9	15.4	14.5	11.8	7.5	6.0	5.5	5.1	4.9	4.7	10.2	-13.9	6.8	12.8	10	11	68
LC	100%	5/9/2007	129	20.0	26.9	11.8	65.4	0.0	1.8	8.2	221	966.9	29561	61951	17.8	17.4	16.5	14.8	11.8	7.7	6.1	5.6	5.1	4.9	4.8	10.2	-17.5	6.8	12.8	10	10	97
LC	100%	5/10/2007	130	19.7	24.8	15.8	84.0	14.9	1.9	8.0	191	963.6	24533	52604	19.7	19.3	17.7	15.2	12.0	7.7	6.2	5.6	5.1	4.9	4.8	10.2	-17.5	21.7	12.8	11	11	101
LC	100%	5/11/2007	131	19.3	23.8	15.7	80.0	0.0	1.8	7.4	272	961.2	25740	54329	20.9	20.8	19.9	15.4	12.1	8.0	6.3	5.7	5.2	4.9	4.8	10.2	-4.2	21.7	12.7	12	12	102
LC	100%	5/12/2007	132	15.1	20.3	9.9	76.8	1.7	1.9	6.4	228	964.5	19178	39786	20.6	20.6	20.4	15.7	12.2	8.1	6.3	5.7	5.1	4.9	4.8	10.2	-7.2	23.4	12.7	11	11	98
LC	100%	5/13/2007	133	10.7	15.6	6.1	47.9	0.0	3.1	9.5	246	969.4	33193	65687	19.0	18.9	19.0	17.0	12.1	8.2	6.4	5.7	5.2	4.9	4.8	10.2	-10.7	23.4	12.7	11	12	96
LC	100%	5/14/2007	134	11.6	19.3	0.8	48.3	0.0	1.8	8.3	239	971.7	32528	65523	18.2	18.1	18.1	17.3	12.4	8.4	6.5	5.8	5.2	5.0	4.8	10.2	-17.4	23.4	12.8	11	12	92
LC	100%	5/15/2007	135	20.6	28.8	12.7	54.2	0.0	3.3	10.8	228	961.4	28445	59237	18.3	18.3	18.2	17.4	12.7	8.5	6.5	5.8	5.2	5.0	4.8	10.2	-22.7	23.4	12.8	11	11	71
LC	100%	5/16/2007	136	18.2	23.2	11.8	83.2	5.4	2.4	10.9	239	956.0	12578	26868	18.8	18.8	18.8	18.0	12.9	8.5	6.6	5.8	5.2	5.0	4.8	10.2	-23.9	28.8	12.8	11	14	98
LC	100%	5/17/2007	137	11.6	14.6	9.2	76.6	0.0	2.4	8.1	261	965.4	25031	51546	18.6	18.6	18.6	18.5	13.2	8.7	6.7	5.9	5.2	5.0	4.8	10.2	-22.2	28.8	12.7	11	12	95
LC	100%	5/18/2007	138	9.4	12.4	7.4	85.9	0.3	2.0	6.8	178	968.1	10777	22338	17.9	17.9	17.9	17.8	13.4	8.8	6.7	5.9	5.2	5.0	4.8	10.2	-25.3	29.1	12.8	11	12	101
LC	100%	5/19/2007	139	9.9	13.4	5.5	74.8	1.5	2.7	10.5	292	963.0	15777	32968	16.8	16.8	16.8	16.8	14.1	8.8	6.8	5.9	5.2	5.0	4.8	10.2	-28.3	30.6	12.7	11	12	94
LC	100%	5/20/2007	140	13.1	19.1	9.0	81.5	1.0	3.4	10.4	293	959.1	21639	45106	16.5	16.5	16.5	16.5	14.7	9.0	6.9	5.9	5.3	5.0	4.8	10.2	-28.8	31.6	12.7	11	12	96
LC	100%	5/21/2007	141	11.1	16.9	6.2	65.8	0.0	3.3	9.6	314	967.4	30087	61604	16.4	16.4	16.4	16.3	15.4	9.3	6.9	6.0	5.3	5.0	4.9	10.2	-33.0	31.6	12.7	11	12	89
LC	100%	5/22/2007	142	12.7	21.8	2.1	59.9	0.0	1.1	5.6	206	974.0	32405	66481	17.7	17.1	16.5	16.2	15.5	9.6	7.0	6.0	5.3	5.0	4.9	10.2	-37.4	31.6	12.8	11	12	98
LC	100%	5/23/2007	143	17.4	23.4	8.6	70.6	0.0	1.5	6.0	202	976.7	24143	50039	18.5	18.3	17.4	16.5	15.4	9.8	7.1	6.1	5.3	5.0	4.9	10.2	-40.4	31.6	12.8	11	11	98
LC	100%	5/24/2007	144	20.5	26.9	13.1	64.9	0.0	1.8	6.3	251	976.5	32048	66553	19.8	19.4	18.5	16.9	15.5	10.0	7.2	6.1	5.3	5.0	4.9	10.2	-44.0	31.6	12.7	11	11	88
LC	100%	5/25/2007	145	21.7	28.6	14.7	70.7	0.0	1.4	6.9	264	971.7	28415	58404	21.6	21.3	19.6	17.3	15.5	10.3	7.3	6.2	5.3	5.0	4.9	10.2	-47.2	31.6	12.7	12	11	95
LC	100%	5/26/2007	146	19.4	22.6	16.1	76.8	0.0	1.8	7.1	275	969.6	19897	41664	22.0	22.0	21.0	17.7	15.5	10.4	7.3	6.2	5.3	5.0	4.9	10.2	-50.2	31.6	12.7	12	11	95
LC	100%	5/27/2007	147	20.4	27.7	15.0	76.2	2.0	1.4	7.9	213	968.5	20862	43027	22.1	21.8	21.5	18.0	15.5	10.5	7.4	6.2	5.3	5.0	4.9	10.2	-52.9	33.6	12.7	12	12	99
LC	100%	5/28/2007	148	19.7	24.4	15.8	73.3	0.4	2.1	8.5	277	968.3	28283	58544	22.4	22.4	22.3	18.4	15.6	10.6	7.4	6.3	5.4	5.0	4.9	10.2	-54.1	34.0	12.7	12	12	100
LC	100%	5/29/2007	149	16.4	21.9	10.7	67.4	0.0	2.0	6.9	262	972.2	33879	69371	22.2	22.1	22.1	19.0	15.7	10.7	7.5	6.3	5.4	5.1	4.9	10.2	-59.3	34.0	12.7	11	11	91
LC	100%	5/30/2007	150	17.7	26.3	7.9	68.3	0.0	1.4	6.5	280	971.2	33116	68989	22.5	22.4	22.1	19.8	15.9	10.9	7.6	6.3	5.4	5.1	4.9	10.2	-64.2	34.0	12.8	12	11	98
LC	100%	5/31/2007	151	21.9	28.9	13.7	71.5	1.7	1.2	7.5	257	968.4	28849	59800	24.1	23.2	22.7	20.3	16.0	11.1	7.7	6.4	5.4	5.1	4.9	10.2	-67.9	35.7	12.7	13	12	94