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Station moved to lake center from shallow water (ca. 2.5m max) at dock on 5 May 2006

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 based on uniform mixing pattern and PUV profile

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)

Month summary	Tair avg F			Tair max F	Tair min F	Rain-in	WS-1609	WS max 5280																	RH%		RH%				
	WS-1609			WS-1609	WS-1609	WS-1609	WS-1609	WS-1609	WS-1609	WS-1609	WS-1609	WS-1609	WS-1609	WS-1609	WS-1609	WS-1609	WS-1609	WS-1609	WS-1609	WS-1609	WS-1609	WS-1609	WS-1609	WS-1609	WS-1609	WS-1609	WS-1609	WS-1609	WS-1609	WS-1609	WS-1609
	Tair avg-F	Tair max-F	Tair min-F	Tair max-F	Tair min-F	Rain-in	WS-1609	WS max-1609	WDIR-deg	Barom-mb	Sum Rad-W/m2	Sum PAR-uM/m2/s	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 (4oC)	cumul. rain-mm	Batt min-V	CR10 enc	MUX enc		
	72.1	89.1	52.9			2.94	2.9	30					78.9	78.7	78.3	75.4	65.1	57.6	51.6	47.5	44.5	43.4	42.9								
	22.3	31.7	11.6	82.8	74.6	1.3	13.6	200.6	965.2	732319	1528377	26.1	26.0	25.7	24.1	18.4	14.2	10.9	8.6	6.9	6.3	6.1	10.1	-18.9	74.6	12.3	12.5	24.4			

month (All)

Data

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	Tw 3m	Tw 4m	Tw 5m	Tw 6m	Tw 8m	Tw 10-C	Tw 12-C	H310 depth-m (4oC)	Lakelevel-mm (4oC)	cumul. rain-mm	Batt min-V	CR10 enc	MUX enc
7/1/2006	182	19.8	25.6	12.2	74.3	0.0	2.0	8.7	250	968.8	29612	60327	23.4	23.4	23.2	21.7	17.2	13.8	10.6	8.4	6.8	6.3	6.0	10.2	47.9	0.0	12.3	12	34
7/2/2006	183	22.5	27.5	20.0	80.7	5.5	2.6	13.6	252	965.4	20160	42192	23.4	23.5	23.5	22.0	17.2	13.8	10.6	8.4	6.8	6.2	6.0	10.2	33.3	5.5	12.4	12	32
7/3/2006	184	23.2	27.5	19.7	81.5	0.0	1.1	6.2	240	966.2	25475	53425	24.5	24.4	23.7	22.4	17.3	13.8	10.6	8.4	6.8	6.2	6.0	10.2	28.6	5.5	12.3	13	32
7/4/2006	185	22.5	25.6	19.7	87.4	1.3	1.2	7.4	207	963.3	16510	35353	25.0	25.0	24.4	22.5	17.3	13.8	10.7	8.4	6.8	6.3	6.0	10.1	18.9	6.8	12.4	13	33
7/5/2006	186	21.2	24.1	19.2	78.4	0.0	0.8	5.9	185	962.9	17564	37012	24.7	24.8	24.7	22.5	17.3	13.8	10.6	8.4	6.8	6.3	6.0	10.1	10.6	6.8	12.3	13	33
7/6/2006	187	18.0	21.4	14.3	74.1	0.5	1.9	7.9	232	966.9	25201	51474	24.3	24.4	24.4	22.7	17.4	13.8	10.7	8.4	6.8	6.3	6.0	10.1	2.8	7.3	12.3	12	32
7/7/2006	188	18.3	24.1	11.6	77.3	0.0	1.2	6.8	180	972.6	28305	57060	24.0	24.0	24.0	23.1	17.4	13.8	10.6	8.5	6.8	6.3	6.0	10.1	-5.3	7.3	12.4	12	31
7/8/2006	189	19.6	25.0	13.1	79.6	0.0	0.2	4.2	101	971.5	24189	49320	24.9	24.3	23.9	23.0	17.5	13.8	10.7	8.5	6.8	6.3	6.0	10.1	-11.5	7.3	12.3	12	31
7/9/2006	190	21.1	25.5	16.2	73.7	0.6	1.4	6.4	206	966.4	25079	51737	24.8	24.8	24.4	23.0	17.6	13.8	10.7	8.5	6.9	6.3	6.0	10.1	-17.0	7.9	12.3	13	32
7/10/2006	191	21.2	25.2	15.5	76.2	0.1	1.5	6.7	223	966.1	21972	45086	24.5	24.4	24.2	23.2	17.6	13.8	10.7	8.5	6.9	6.3	6.0	10.1	-22.6	8.0	12.3	13	32
7/11/2006	192	24.3	28.0	21.3	81.0	0.0	1.7	8.1	218	967.8	25612	53018	25.0	25.0	24.7	23.3	17.8	13.9	10.7	8.5	6.9	6.3	6.0	10.1	-27.9	8.0	12.3	15	33
7/12/2006	193	22.4	26.1	20.3	94.2	8.0	1.2	5.9	210	966.2	8430	18661	25.3	25.3	25.2	23.4	17.9	13.9	10.7	8.5	6.9	6.3	6.0	10.1	-28.2	16.0	12.3	15	35
7/13/2006	194	21.9	25.8	18.9	89.1	1.0	2.0	8.8	228	963.4	17619	37415	24.9	24.9	24.9	23.5	17.9	13.9	10.8	8.5	6.9	6.3	6.0	10.1	-25.4	17.0	12.3	17	37
7/14/2006	195	23.0	29.1	16.6	80.6	0.0	0.3	5.2	126	965.6	29373	62193	26.5	25.2	24.8	23.8	18.1	14.0	10.8	8.6	6.9	6.3	6.0	10.1	-29.7	17.0	12.4	16	35
7/15/2006	196	22.3	26.2	19.0	93.8	12.6	0.5	6.5	145	963.4	13560	29125	26.0	25.9	25.3	23.8	18.2	14.1	10.8	8.6	6.9	6.3	6.0	10.1	-26.4	29.6	12.3	16	36
7/16/2006	197	24.1	29.9	18.3	79.0	0.0	1.3	8.2	172	965.6	32205	67622	26.3	26.3	26.1	23.9	18.3	14.1	10.8	8.6	6.9	6.3	6.1	10.1	-22.7	29.6	12.3	17	36
7/17/2006	198	25.9	31.7	19.3	78.7	0.0	1.2	6.7	215	965.2	30861	64772	27.4	27.4	26.9	24.2	18.4	14.2	10.9	8.6	6.9	6.3	6.1	10.1	-28.4	29.6	12.3	18	35
7/18/2006	199	24.7	29.3	19.8	85.2	9.9	0.9	10.5	206	965.2	24857	51750	28.3	28.1	27.8	24.4	18.5	14.2	11.0	8.7	6.9	6.4	6.1	10.1	-28.8	39.5	12.3	19	36
7/19/2006	200	23.5	27.8	18.6	82.0	0.0	0.8	5.3	108	969.8	30235	62441	28.5	28.3	27.9	24.6	18.7	14.3	10.9	8.7	7.0	6.3	6.1	10.1	-26.2	39.5	12.3	17	29
7/20/2006	201	23.0	28.0	18.5	83.1	0.0	1.1	4.5	116	968.8	30311	62672	28.8	28.6	28.1	24.8	18.8	14.4	11.0	8.7	7.0	6.4	6.1	10.1	-32.7	39.5	12.3	9	10
7/21/2006	202	23.7	27.2	19.8	89.5	5.1	1.1	10.0	198	962.6	20353	42620	28.5	28.4	28.2	25.0	18.8	14.4	11.0	8.7	7.0	6.4	6.1	10.1	-34.2	44.6	12.3	9	10
7/22/2006	203	21.7	24.9	18.4	96.9	23.7	1.3	6.8	214	957.3	10834	23622	27.7	27.8	27.8	25.3	19.0	14.5	11.1	8.8	7.0	6.4	6.1	10.1	-27.1	68.3	12.3	9	10
7/23/2006	204	18.7	23.0	15.6	82.2	0.0	1.9	8.3	228	961.0	25319	53171	26.6	26.6	26.6	25.9	19.1	14.6	11.1	8.8	7.0	6.4	6.1	10.1	-17.6	68.3	12.3	9	10
7/24/2006	205	20.0	26.1	13.4	75.3	0.0	0.9	5.3	212	965.5	31237	64932	26.5	26.4	26.1	25.6	19.2	14.6	11.1	8.8	7.0	6.4	6.1	10.1	-24.7	68.3	12.4	9	10
7/25/2006	206	23.3	27.5	19.1	77.9	0.0	1.5	7.5	225	966.0	26367	54453	26.5	26.5	26.4	25.5	19.3	14.7	11.1	8.8	7.0	6.4	6.1	10.1	-31.2	68.3	12.4	9	10
7/26/2006	207	23.3	27.3	18.6	84.9	1.6	0.7	7.2	187	964.4	23673	48911	27.0	26.7	26.4	25.6	19.4	14.8	11.2	8.8	7.0	6.4	6.1	10.1	-36.0	69.9	12.4	9	10
7/27/2006	208	23.7	29.2	20.5	87.7	1.4	1.6	9.8	218	964.2	19515	40919	26.8	26.8	26.7	25.6	19.5	14.8	11.2	8.9	7.0	6.4	6.1	10.1	-39.0	71.3	12.4	9	10
7/28/2006	209	22.8	26.5	20.7	92.0	2.8	1.9	9.7	230	962.9	13564	29279	26.4	26.4	26.5	25.8	19.6	14.8	11.2	8.9	7.1	6.4	6.1	10.1	-40.9	74.1	12.3	9	10
7/29/2006	210	23.9	28.2	19.1	82.9	0.0	1.5	6.6	243	962.9	29512	62352	26.5	26.4	26.3	25.6	19.8	14.9	11.3	8.9	7.0	6.4	6.1	10.1	-43.4	74.1	12.3	10	10
7/30/2006	211	23.6	27.5	20.1	83.7	0.5	1.8	7.1	264	960.9	28341	59392	27.0	27.0	27.0	25.8	19.9	15.0	11.3	8.9	7.1	6.5	6.2	10.1	-48.1	74.6	12.4	9	10
7/31/2006	212	24.2	29.6	18.2	85.6	0.0	0.7	5.2	182	962.3	26476	56070	27.8	27.6	27.1	26.1	20.1	15.0	11.3	8.9	7.1	6.5	6.2	10.1	-52.8	74.6	12.3	10	10