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Station moved to shallow water (ca. 2.5m max) at dock from lake center on 28 October 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 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	Tair max	Tair min		Rain-in	WS-mph	WS max																															
		F	F	F																																			
		49.4	74.1	27.8		1.14	4.7	30																															
Month summary	Tair avg-C	9.7	23.4	-2.4	77.2	29.0	2.1	13.3	212.4	962.1	332009	674487																											
	Tair Hi-C	9.7	23.4	-2.4	77.2	29.0	2.1	13.3	212.4	962.1	332009	674487																											

month (All) 107 mm
4.2 in
est. from all sources

% records	Date	Data																	H310										RH% CR10	RH% MUX	Max of RHair
		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 10m	Tw 12m	depth-m (4oC)	Lakelevel-mm (4oC)	cumul. rain-mm	Batt min-V			
100%	10/1/2006	274	12.5	16.4	9.8	91.8	5.4	1.5	8.2	229	964.2	10960	22618	16.2	16.1	16.1	16.1	16.0	16.0	15.8	11.3	7.8	6.8	6.4	10.1	-13.3	5.4	12.2	18	33	100
100%	10/2/2006	275	11.1	16.6	7.7	87.2	0.1	1.5	7.7	249	968.8	16916	34684	16.0	16.0	16.0	16.0	15.8	15.8	15.6	11.5	7.8	6.8	6.4	10.1	-14.3	5.5	12.2	18	34	100
100%	10/3/2006	276	16.2	23.4	8.8	84.3	0.0	0.8	7.3	124	969.4	15174	31439	16.5	16.3	16.2	16.0	15.8	15.7	15.5	11.7	7.8	6.8	6.4	10.1	-17.4	5.5	12.2	20	31	100
100%	10/4/2006	277	17.1	22.1	11.6	92.3	7.7	1.1	6.6	179	965.6	12003	24981	17.0	16.9	16.8	16.2	15.8	15.7	15.4	11.9	7.8	6.8	6.4	10.1	-18.4	13.2	12.2	21	32	100
100%	10/5/2006	278	10.5	16.4	6.7	79.1	0.0	2.8	9.1	208	969.0	18693	37361	16.8	16.7	16.7	16.5	16.1	15.8	15.4	12.0	7.8	6.9	6.4	10.1	-14.5	13.2	12.2	21	34	96
100%	10/6/2006	279	8.3	11.3	6.2	77.6	0.0	1.5	7.3	77	975.4	10135	21072	16.0	16.0	16.0	16.0	16.0	15.9	15.4	12.1	7.9	6.9	6.5	10.1	-18.7	13.2	12.2	16	29	92
100%	10/7/2006	280	8.5	14.5	5.1	81.4	0.0	1.4	5.8	53	976.3	11231	23800	15.4	15.4	15.4	15.4	15.3	15.2	15.1	12.2	7.8	6.8	6.5	10.1	-22.3	13.2	12.2	17	29	98
100%	10/8/2006	281	12.0	21.6	4.2	80.9	0.0	0.2	3.5	66	973.7	19151	39770	16.0	15.5	15.2	15.0	14.9	14.9	14.7	12.5	7.9	6.9	6.5	10.1	-24.7	13.2	12.2	21	29	100
100%	10/9/2006	282	15.7	22.9	10.3	85.0	0.0	0.9	6.8	193	968.7	18642	38456	16.3	16.1	15.7	15.2	14.9	14.8	14.6	12.5	7.9	6.9	6.5	10.1	-26.5	13.2	12.2	22	31	99
100%	10/10/2006	283	14.1	21.4	7.4	83.7	0.1	0.4	4.7	145	965.2	18844	38039	17.2	16.5	16.1	15.4	15.0	14.9	14.6	12.6	7.9	6.9	6.5	10.1	-28.3	13.3	12.2	22	32	100
100%	10/11/2006	284	12.8	14.0	12.2	96.7	1.7	2.4	7.0	123	960.2	1714	4139	16.2	16.2	16.1	15.7	15.1	14.9	14.6	12.5	7.9	6.9	6.5	10.1	-30.2	15.0	12.2	18	34	101
100%	10/12/2006	285	12.2	15.2	3.4	77.2	6.0	2.8	11.1	235	950.5	9743	20249	15.6	15.6	15.6	15.5	15.2	15.0	14.6	12.5	7.9	6.9	6.5	10.1	-25.2	21.0	12.2	21	36	100
100%	10/13/2006	286	4.4	8.8	-0.2	61.1	0.0	2.3	8.2	234	957.6	17884	34576	14.6	14.6	14.6	14.6	14.5	14.5	14.2	12.9	8.0	6.9	6.5	10.1	-28.5	21.0	12.2	17	27	85
100%	10/14/2006	287	5.4	10.2	1.0	64.0	0.0	2.2	11.0	235	957.6	15076	29300	13.8	13.8	13.8	13.8	13.8	13.7	13.7	13.0	8.0	6.9	6.5	10.1	-32.6	21.0	12.3	16	26	93
25%	10/15/2006	288	4.5	9.1	0.6	74.1	0.0	1.6	7.8	272	964.1	13203	26209	13.0	13.1	13.1	13.0	13.0	13.0	12.9	12.7	8.0	6.9	6.5	10.1	-35.7	21.0	12.0	15	26	93
50%	10/16/2006	289	9.9	14.4	-1.0	57.3	0.0	1.4	6.9	154	972.0	17015	33611	13.0	12.7	12.6	12.5	12.4	12.4	12.3	12.2	8.0	6.9	6.5	10.1	-38.2	21.0	11.9	22	25	99
75%	10/17/2006	290	9.2	9.4	8.9	96.2	2.4	3.2	9.2	148	965.4	648	1559	12.4	12.4	12.4	12.4	12.4	12.4	12.3	12.2	7.9	6.8	6.5	10.1	-37.4	23.4	11.0	19	35	97
75%	10/18/2006	291	15.8	16.9	15.0	83.1	0.0	2.4	5.8	310	959.4	6185	13202	12.8	12.7	12.6	12.5	12.4	12.3	12.3	12.2	8.1	6.9	6.5	10.1	-26.7	23.4	11.0	24	37	93
50%	10/19/2006	292	17.9	20.0	13.5	79.1	0.0	1.4	6.5	169	957.5	9513	19806	13.5	13.4	13.2	12.6	12.4	12.3	12.3	12.2	8.2	7.0	6.5	10.1	-26.6	23.4	11.1	26	36	89
25%	10/20/2006	293	8.1	15.0	4.8	91.5	4.6	4.9	13.3	287	947.5	2592	5779	13.4	13.4	13.3	13.0	12.9	12.8	12.4	12.1	8.5	7.0	6.6	10.1	-8.5	28.0	11.0	21	44	101
32%	10/21/2006	294	7.2	9.6	3.7	72.2	0.0	3.0	8.3	318	962.5	10511	20983	12.2	12.2	12.2	12.2	12.2	12.1	12.1	12.1	8.9	7.0	6.6	10.1	-8.4	28.0	10.8	20	32	88
61%	10/22/2006	295	10.0	11.4	4.1	70.2	0.0	2.0	9.3	156	959.7	5789	12073	11.8	11.8	11.8	11.8	11.8	11.7	11.8	11.7	9.0	7.0	6.6	10.1	-10.7	28.0	11.3	19	32	100
49%	10/23/2006	296	5.5	5.9	5.1	67.0	0.0	3.0	9.1	312	954.4	6332	12790	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.4	9.3	7.0	6.6	10.1	-12.4	28.0	11.1	18	34	83
25%	10/24/2006	297	3.9	5.1	2.0	74.9	0.0	3.9	9.3	314	954.1	5854	11931	10.4	10.5	10.5	10.4	10.5	10.4	10.5	10.5	10.2	7.0	6.6	10.1	-15.6	28.0	11.1	15	31	88
69%	10/25/2006	298	5.4	6.6	3.8	76.4	0.0	4.5	10.3	325	961.4	8561	17381	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.8	9.7	7.3	6.6	10.1	-18.1	28.0	10.9	18	33	89
46%	10/26/2006	299	3.2	3.6	2.5	74.7	0.0	3.8	7.8	327	967.4	4952	10181	9.2	9.2	9.2	9.1	9.2	9.1	9.2	9.3	9.2	8.7	6.6	10.1	-19.3	28.0	11.0	16	33	80
48%	10/27/2006	300	4.0	6.7	-2.4	72.4	0.0	0.6	3.9	128	966.3	8015	15235	8.9	8.8	8.8	8.7	8.7	8.7	8.7	8.8	8.6	8.6	7.1	10.1	-21.3	28.0	11.0	18	27	100
100%	10/28/2006	301	7.7	14.0	2.5	85.1	0.9	2.7	8.5	258	937.0	2326	5103	8.7	8.7	8.7	8.6	8.7	8.8	8.8	8.9	8.6	8.8	8.6	3.9	8.8	28.9	11.1	25	48	101
100%	10/29/2006	302	4.5	7.2	2.8	62.9	0.1	3.4	11.6	281	949.0	10195	19962	8.1	8.1	8.0	8.0	8.0	8.3	8.2	8.4	8.1	8.2	8.3	2.0	8.9	29.0	12.6	14	47	94
100%	10/30/2006	303	7.9	13.7	3.6	53.1	0.0	1.5	8.5	266	962.7	14302	28119	7.9	7.9	7.8	7.8	7.9	8.2	8.1	8.3	8.0	8.0	8.2	2.0	5.0	29.0	12.6	15	39	65
100%	10/31/2006	304	14.6	20.8	7.4	62.1	0.0	0.4	6.3	211	961.3	9851	20080	8.4	8.0	7.9	7.8	8.0	8.3	8.2	8.3	8.1	8.0	8.3	2.0	3.5	29.0	12.7	17	39	90