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Station moved to shallow water (ca. 2.5m max) at dock from lake center on 29 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 mph																												
		F	F	F				Tw 0.1m	Tw 0.5m	Tw 1m	Tw 2m	Tw 3m	Tw 4m	Tw 5m	Tw 6m	Tw 8m	Tw 10m	Tw 12m																	
		33.9	69.6	0.0	1.67	4.4	31	32.9	38.6	39.0	39.3	39.4	39.4	39.5	39.4	39.3	39.3	39.5																	
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	Tw 10m	Tw 12m	H310_z (m)	Lakelevel-mm (4oC)	cumul. rain-mm	Batt min-V	RH% enc	CR10 enc	MUX enc	Max of RHair					
	month	1.0	20.9	-17.8	70.4	42.4	2.0	13.9	242.0	966.6	460270	938630	0.5	3.7	3.9	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.2	2.0	0.6	42.4	12.5	31.6	14.4	102.0				

Data

% records	Date	Day of Yr	WS														H310												RH% enc	RH% MUX enc	Max of RHair
			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%	3/1/2007	60	-0.5	5.1	-6.3	79.5	0.3	1.1	6.0	109	964.6	11195	23282	0.0	2.7	3.4	3.9	3.9	4.0	3.9	3.9	3.7	3.9	2.0	-24.5	0.3	12.8	28	14	101	
100%	3/2/2007	61	3.6	10.1	-0.7	78.1	10.7	2.1	9.0	182	947.8	10116	20877	0.0	2.7	3.4	3.8	3.9	3.9	4.0	3.9	3.9	3.7	3.9	2.0	-11.9	11.0	12.7	32	14	101
100%	3/3/2007	62	3.2	6.9	-2.5	68.0	0.2	1.5	9.6	261	950.1	10186	21290	0.0	2.7	3.4	3.9	3.9	4.0	4.0	3.9	3.9	3.8	4.0	2.0	-9.0	11.2	12.7	33	14	100
100%	3/4/2007	63	-2.7	-1.2	-4.0	70.9	0.0	3.3	11.1	304	953.2	10280	21070	0.1	2.8	3.4	3.9	3.9	3.9	4.0	4.0	3.9	3.8	4.0	2.0	-11.4	11.2	12.7	26	14	100
100%	3/5/2007	64	-4.7	-1.0	-10.7	69.6	0.0	3.8	13.7	294	955.0	10657	21486	0.1	2.8	3.4	3.9	3.9	3.9	4.0	3.9	3.9	3.9	4.0	2.0	-15.1	11.2	12.7	24	15	92
100%	3/6/2007	65	-14.6	-10.7	-17.8	57.6	0.0	4.6	13.9	310	969.8	21146	38797	0.1	2.8	3.5	3.9	3.9	3.9	4.0	4.0	3.9	3.9	4.0	2.0	-18.7	11.2	12.6	19	16	92
100%	3/7/2007	66	-12.5	-7.1	-17.7	75.4	0.5	1.2	5.4	275	968.3	10580	19457	0.0	2.9	3.6	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.1	2.0	-20.4	11.7	12.5	19	16	92
100%	3/8/2007	67	-9.0	-4.7	-12.6	65.8	0.0	3.0	11.3	287	967.9	15827	30941	0.0	3.0	3.5	4.0	4.0	4.0	4.0	4.0	3.9	3.9	4.1	2.0	-22.7	11.7	12.5	21	16	83
100%	3/9/2007	68	-7.4	1.7	-16.7	54.3	0.1	0.8	5.2	193	974.1	20350	40420	0.0	3.1	3.6	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.1	2.0	-25.5	11.8	12.6	25	16	84
100%	3/10/2007	69	2.8	9.1	-4.1	81.5	3.4	0.9	5.4	238	967.9	11948	25168	0.0	3.3	3.7	4.1	4.1	4.2	4.1	4.1	4.0	4.0	4.2	2.0	-27.5	15.2	12.7	30	14	101
100%	3/11/2007	70	1.6	5.5	-2.4	84.0	0.1	2.4	9.4	306	970.1	10409	21437	0.0	3.4	3.7	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.2	2.0	-25.6	15.3	12.7	32	14	102
100%	3/12/2007	71	3.2	12.2	-5.0	64.2	0.1	0.9	6.0	249	971.1	18185	36683	0.0	3.6	3.8	4.1	4.2	4.2	4.2	4.2	4.2	4.1	4.3	2.0	-26.9	15.4	12.7	32	15	100
100%	3/13/2007	72	6.8	14.8	-0.2	61.2	0.0	0.5	5.6	228	966.1	10828	23657	0.0	3.9	3.9	4.2	4.2	4.3	4.3	4.3	4.3	4.1	4.4	2.0	-27.4	15.4	12.7	34	14	88
100%	3/14/2007	73	12.1	20.9	4.1	72.7	0.1	1.0	6.7	241	961.9	12570	26791	0.1	3.9	3.9	4.2	4.3	4.3	4.4	4.4	4.2	4.2	4.4	2.0	-23.3	15.5	12.7	39	13	101
100%	3/15/2007	74	4.8	12.2	0.4	93.4	7.5	2.1	8.3	237	963.3	4037	9403	0.0	4.0	4.0	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.3	2.0	-3.0	23.0	12.7	36	15	101
100%	3/16/2007	75	-4.2	0.2	-6.5	90.1	0.0	2.9	8.9	67	964.9	3178	8109	0.0	3.9	3.9	4.1	4.1	4.0	4.1	4.1	3.9	4.0	4.1	2.0	19.7	23.0	12.6	27	15	101
100%	3/17/2007	76	-6.4	-4.3	-7.8	88.7	0.0	3.5	10.1	317	952.0	14336	29305	0.0	3.9	3.9	4.0	4.0	3.9	4.1	4.0	3.9	4.0	4.1	2.0	41.2	23.0	12.6	24	14	100
100%	3/18/2007	77	-4.1	-0.2	-7.2	60.2	0.3	3.6	11.3	305	959.8	23035	44244	0.1	3.9	3.9	3.9	3.9	3.9	4.0	4.0	3.9	4.0	4.1	2.0	27.4	23.3	12.7	27	15	92
100%	3/19/2007	78	-2.0	2.5	-9.0	72.2	1.5	1.3	6.5	263	968.1	10265	21797	0.1	3.8	3.9	3.9	3.9	3.9	4.0	4.0	3.9	3.9	4.1	2.0	16.7	24.8	12.7	27	15	100
100%	3/20/2007	79	0.7	3.3	-6.3	64.3	7.5	3.4	13.2	310	972.5	23557	46547	0.1	3.8	3.9	4.0	4.0	4.0	4.0	4.0	3.9	4.0	4.1	2.0	10.0	32.3	12.7	34	14	97
100%	3/21/2007	80	-2.5	4.9	-13.2	56.5	0.0	0.9	5.1	203	982.0	22076	43362	0.1	3.9	3.9	3.9	3.9	3.9	4.1	4.0	4.0	3.9	4.1	2.0	2.8	32.3	12.7	29	15	97
100%	3/22/2007	81	8.7	17.2	1.3	79.9	1.9	1.3	7.4	251	969.0	15321	32846	0.0	3.8	3.9	3.8	3.8	3.9	4.0	4.0	3.9	3.9	4.1	2.0	-1.2	34.2	12.7	37	14	99
100%	3/23/2007	82	6.1	11.9	0.6	86.8	2.7	0.8	6.3	251	968.4	7913	17728	0.1	3.9	3.9	3.8	3.8	3.9	4.0	3.9	3.9	3.8	4.0	2.0	8.7	36.9	12.8	39	14	102
100%	3/24/2007	83	4.2	10.8	-0.4	79.5	3.7	0.6	4.1	158	971.2	10701	22977	0.1	4.0	4.0	4.0	3.9	3.9	4.0	4.0	4.0	3.9	4.1	2.0	14.3	40.6	12.7	36	14	101
100%	3/25/2007	84	4.6	9.9	0.4	85.8	0.0	1.6	8.9	198	975.6	15632	33028	0.2	4.1	4.1	4.2	4.2	4.1	4.1	4.2	4.1	4.1	4.2	2.0	22.1	40.6	12.7	38	14	101
100%	3/26/2007	85	6.8	12.1	0.2	77.8	0.0	1.1	5.9	257	971.1	15158	32404	0.3	4.3	4.2	4.2	4.2	4.1	4.2	4.3	4.2	4.2	4.3	2.0	25.3	40.6	12.7	38	14	100
100%	3/27/2007	86	12.3	19.8	5.0	83.1	1.8	2.1	8.7	256	964.9	21258	44889	0.7	4.6	4.5	4.3	4.4	4.2	4.3	4.3	4.3	4.4	4.3	2.0	30.5	42.4	12.8	42	14	101
100%	3/28/2007	87	7.3	10.4	1.7	59.3	0.0	3.1	9.0	224	972.1	20721	41982	2.1	4.4	4.4	4.3	4.4	4.3	4.4	4.4	4.4	4.5	4.5	2.0	31.7	42.4	12.8	40	13	101
100%	3/29/2007	88	3.0	8.5	-2.0	34.3	0.0	3.2	10.2	265	977.5	25871	50818	3.0	4.5	4.4	4.3	4.5	4.4	4.5	4.5	4.3	4.5	4.3	2.0	25.6	42.4	12.8	37	14	49
100%	3/30/2007	89	5.6	13.9	-3.3	38.5	0.0	1.8	7.5	273	973.3	22931	46350	3.5	4.6	4.5	4.5	4.6	4.6	4.6	4.6	4.4	4.7	4.4	2.0	20.5	42.4	12.8	37	14	76
100%	3/31/2007	90	5.0	12.6	-2.0	50.3	0.0	0.7	4.9	189	970.2	20004	41488	4.3	4.6	4.6	4.5	4.7	4.6	4.6	4.7	4.5	4.7	4.5	2.0	17.3	42.4	12.8	38	14	88