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Station moved from lake center to shallow water (ca. 2.5m max) at dock on 6 November.

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)

		5280 1609		ft/mile m/mile		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								
		47.9	74.2	23.9		3.66	4.3	25																														
Month summary		Tair avg-F	Tair max F	Tair min F	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 H310-C	Tw 12m	H310 depth-m (4oC)	Lakelevel-mm (4oC)	cumul. rain-mm	Batt min-V	CR10 enc	RH% enc	RH% MUX enc								
		8.9	23.4	-4.5	66.0	92.9	1.9	11.2	191.9	962.0	616395	1245912	11.4	11.3	11.2	10.6	10.3	10.3	10.4	10.3	10.5	10.9	10.5	2.1	62.2	92.9	12.3	32.0	14.5									

month (All)

Date	Data																				H310 depth-m (4oC)	Lakelevel-mm (4oC)	cumul. rain-mm	Batt min-V	CR10 enc	RH% enc	RH% MUX enc		
	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 H310-C
4/1/2006	91	12.8	16.6	9.3	81.5	2.6	2.2	10.0	273	957.9	8761	18634	9.3	9.0	8.7	7.5	7.0	6.8	7.0	6.8	7.0	8.0	6.9	2.0	38.4	2.6	12.4	32	14
4/2/2006	92	7.9	14.3	2.9	58.1	0.1	2.7	9.1	214	964.1	26287	52357	9.4	9.3	9.1	8.6	8.2	8.1	8.4	8.3	8.4	8.8	8.4	2.0	39.4	2.7	12.3	31	13
4/3/2006	93	6.8	11.3	2.6	65.6	1.6	1.4	7.3	96	958.0	7035	15379	8.8	8.6	8.5	8.0	7.7	7.6	7.8	7.7	7.9	8.3	7.8	2.0	37.2	4.3	12.4	26	13
4/4/2006	94	3.2	5.8	0.7	75.0	2.8	3.1	11.1	264	952.1	17305	34859	8.0	8.2	8.2	8.1	7.9	7.9	8.0	8.0	8.1	8.2	8.0	2.0	40.0	7.1	12.3	26	13
4/5/2006	95	0.1	2.4	-3.6	78.7	0.6	2.5	9.8	295	953.5	17857	34876	7.4	7.5	7.6	7.5	7.5	7.4	7.5	7.4	7.5	7.6	7.4	2.0	39.2	7.7	12.4	22	14
4/6/2006	96	3.0	8.4	0.3	73.8	0.1	2.4	8.1	256	958.6	13084	26914	7.1	7.2	7.2	7.2	7.2	7.2	7.1	7.2	7.1	7.2	7.3	2.0	37.2	7.8	12.3	25	13
4/7/2006	97	6.8	14.5	-0.5	89.6	4.3	0.6	6.4	165	952.8	4481	9971	7.1	7.0	6.9	6.8	6.9	6.9	6.9	6.9	6.9	6.8	6.8	2.0	37.1	12.1	12.3	25	13
4/8/2006	98	3.1	10.5	-0.8	75.1	2.1	2.8	7.7	265	957.1	7323	15739	6.8	6.9	6.9	6.8	6.9	6.8	6.9	6.9	6.9	7.0	6.8	2.0	42.4	14.2	12.3	28	14
4/9/2006	99	3.0	9.6	-4.5	58.8	0.0	2.2	7.9	250	966.6	28283	55388	7.2	7.2	7.2	7.1	7.0	6.9	7.0	6.9	6.9	7.2	6.9	2.0	41.3	14.2	12.3	27	14
4/10/2006	100	6.3	14.2	-1.6	53.0	0.0	0.9	6.6	170	971.1	27969	55603	8.8	8.6	8.2	7.2	7.2	7.1	7.2	7.1	7.1	7.4	7.1	2.0	39.5	14.2	12.4	29	13
4/11/2006	101	11.0	20.4	1.1	53.1	0.0	0.5	6.7	137	973.3	23181	46975	10.2	9.0	8.6	7.5	7.4	7.3	7.4	7.3	7.4	7.9	7.3	2.0	38.3	14.2	12.4	30	13
4/12/2006	102	14.4	19.2	7.5	52.6	0.0	0.9	7.1	228	971.5	16992	35129	10.4	10.0	9.4	7.8	7.7	7.5	7.6	7.5	7.5	8.3	7.5	2.0	36.9	14.2	12.4	33	12
4/13/2006	103	13.4	19.5	8.0	74.1	3.6	1.9	11.2	212	964.8	23700	48709	11.5	11.4	11.2	10.0	9.3	9.2	9.4	9.2	9.5	10.5	9.4	2.0	39.6	17.8	12.4	35	12
4/14/2006	104	10.2	14.0	6.5	98.1	5.4	0.1	5.0	78	957.8	4039	9104	11.6	11.5	11.4	10.5	9.9	9.8	10.0	9.8	10.1	11.1	10.0	2.0	46.1	23.2	12.3	33	14
4/15/2006	105	15.4	21.4	9.9	69.7	0.1	2.7	10.9	246	949.4	22778	46792	12.6	12.5	12.4	11.5	10.7	10.7	11.0	10.8	11.1	12.0	11.1	2.0	50.9	23.3	12.3	37	14
4/16/2006	106	9.0	12.9	6.2	61.9	0.0	3.3	9.8	321	955.6	26972	53606	12.3	12.4	12.3	12.1	11.5	11.6	11.9	11.8	12.1	12.2	12.1	2.0	48.0	23.3	12.4	36	12
4/17/2006	107	8.4	13.8	1.8	61.8	0.0	2.1	8.6	135	957.2	26198	52933	12.8	12.7	12.6	12.2	11.7	11.8	12.0	11.9	12.1	12.4	12.1	2.0	45.1	23.3	12.4	33	12
4/18/2006	108	12.0	18.5	5.6	59.6	0.0	2.8	8.3	165	960.8	28962	59173	13.4	13.3	13.2	12.8	12.1	12.2	12.5	12.4	12.7	13.0	12.7	2.0	42.8	23.3	12.4	35	12
4/19/2006	109	14.7	19.7	8.3	49.0	0.0	3.0	9.4	272	959.8	29509	59786	14.1	14.1	14.0	13.7	13.0	13.1	13.4	13.3	13.5	13.8	13.6	2.0	40.7	23.3	12.4	36	12
4/20/2006	110	15.6	23.4	7.6	41.3	0.0	1.7	7.7	247	961.8	29407	57865	14.8	14.6	14.5	13.9	13.3	13.4	13.7	13.5	13.7	14.2	13.8	2.0	37.4	23.3	12.4	36	12
4/21/2006	111	11.8	17.1	8.0	58.4	0.0	1.6	7.8	95	968.9	27001	54675	15.1	14.9	14.8	14.1	13.5	13.6	13.9	13.7	14.0	14.6	14.0	2.0	34.4	23.3	12.4	36	12
4/22/2006	112	3.6	7.7	2.1	94.8	28.7	3.3	9.0	108	968.3	1846	4687	13.6	13.7	13.7	13.4	13.2	13.2	13.4	13.3	13.5	13.6	13.5	2.0	44.0	52.0	12.3	30	13
4/23/2006	113	7.3	14.3	3.1	96.3	15.6	1.4	5.2	93	960.5	11887	24977	12.7	12.7	12.7	12.4	12.2	12.1	12.2	12.2	12.2	12.3	12.5	2.1	79.6	67.6	12.3	33	17
4/24/2006	114	10.4	14.4	7.0	83.5	24.2	1.3	8.3	214	957.7	13445	28463	12.9	13.0	12.8	12.5	12.2	12.2	12.3	12.3	12.4	12.6	12.4	2.1	118.8	91.8	12.3	37	35
4/25/2006	115	9.9	19.0	3.0	74.4	1.1	2.2	8.8	285	957.4	18852	39019	13.3	13.2	13.1	12.9	12.5	12.5	12.7	12.6	12.8	13.0	12.8	2.1	132.2	92.9	12.4	38	31
4/26/2006	116	6.6	14.0	-1.4	54.8	0.0	1.4	7.2	249	960.2	31230	61543	13.5	13.4	13.0	12.4	12.2	12.2	12.3	12.3	12.3	12.5	12.3	2.1	132.4	92.9	12.3	35	15
4/27/2006	117	10.7	16.4	3.6	49.4	0.0	2.2	8.3	201	959.7	26867	54581	13.9	13.9	13.7	13.5	12.8	12.9	13.1	13.0	13.3	13.6	13.3	2.1	131.3	92.9	12.4	35	14
4/28/2006	118	8.6	14.0	0.9	43.3	0.0	2.6	8.7	110	970.2	31615	62629	14.1	14.0	13.9	13.7	13.3	13.3	13.5	13.4	13.6	13.9	13.6	2.1	128.2	92.9	12.4	35	13
4/29/2006	119	8.7	17.5	0.1	47.6	0.0	0.9	6.9	54	976.7	31927	62635	14.8	14.4	14.1	13.5	13.1	13.1	13.3	13.2	13.3	13.7	13.3	2.1	125.0	92.9	12.3	34	14
4/30/2006	120	10.9	19.9	0.5	48.2	0.0	1.1	7.4	54	976.5	31603	62909	15.6	15.4	15.2	13.8	13.2	13.2	13.3	13.2	13.3	14.1	13.4	2.1	122.7	92.9	12.3	35	14