

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 (

		Tair avg F	Tair max F	Tair min F		Rain-in	WS- 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							
		25.3	49.1	-7.3		1.75	3.3	29				33.4	38.3	38.5	38.8	40.5	39.6	39.8	39.9	38.9	39.5	39.3							
Month summary		Tair avg-C	Tair Hi-C	Tair Min-C	RHair-%	Rain-mm	WS-m/s	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 depth-m (4oC)	Lakelevel-mm (4oC)	cumul. rain-mm	Batt min-V	RH% CR10 enc	RH% MUX enc
		-3.7	9.5	-21.8	84.3	44.5	1.5	12.9	209.4	960.4	142006	296729	0.8	3.5	3.6	3.8	4.7	4.2	4.3	4.4	3.8	4.2	4.0	2.1	96.9	44.5	12.1	14.4	15.1

month 12

Date	Data																				H310						RH%		RH%	
	Day of Yr	Tair avg C	Tair Hi-C	Tair Min-C	RHair-%	Rain-mm	WS- m/s	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	CR10 enc	MUX enc	
12/1/2005	335	0.9	2.1	-0.1	83.2	0.0	1.6	6.3	192	958.2	4358	8817	5.3	5.4	5.4	5.4	5.8	5.5	5.6	5.6	5.4	5.5	5.4	2.1	125.8	0.0	12.2	13	14	
12/2/2005	336	-1.5	-0.1	-3.6	86.1	0.0	2.8	11.0	285	949.9	3859	7907	4.9	5.1	5.0	5.1	5.4	5.1	5.2	5.2	5.0	5.2	5.0	2.1	119.8	0.0	12.2	14	14	
12/3/2005	337	-4.3	-2.3	-5.8	70.4	0.0	2.6	9.8	284	960.3	6315	12352	3.9	4.2	4.2	4.2	4.3	4.3	4.5	4.4	4.2	4.2	4.2	2.1	106.0	0.0	12.1	14	15	
12/4/2005	338	-4.4	-2.7	-5.7	92.7	0.0	1.2	6.6	185	957.7	1067	3159	3.0	3.5	3.7	3.8	4.6	4.2	4.3	4.3	3.8	4.0	3.9	2.1	99.1	0.0	12.1	14	15	
12/5/2005	339	-3.7	-1.6	-6.5	84.9	0.1	0.5	4.6	184	964.3	4132	10632	2.3	3.4	3.5	3.7	4.8	4.3	4.4	4.4	3.8	4.0	3.9	2.1	101.7	0.1	12.1	14	15	
12/6/2005	340	-4.1	-1.5	-6.2	79.0	0.2	1.6	7.3	262	962.4	5108	10382	1.8	3.2	3.3	3.6	4.5	4.1	4.2	4.2	3.7	3.9	3.8	2.1	96.7	0.3	12.1	14	15	
12/7/2005	341	-6.7	-4.4	-8.6	71.8	0.0	2.7	9.9	296	970.6	5006	9860	1.4	2.9	3.2	3.5	4.4	4.0	4.1	4.1	3.6	3.8	3.8	2.1	91.4	0.3	12.2	15	16	
12/8/2005	342	-7.5	-3.2	-11.3	79.1	0.2	0.9	7.0	210	979.2	7948	14458	0.7	3.0	3.0	3.3	4.7	4.1	4.1	4.1	3.5	3.8	3.7	2.1	86.5	0.5	12.3	15	16	
12/9/2005	343	-4.3	-1.6	-7.1	84.8	0.0	2.5	12.9	240	963.2	4531	11318	0.6	3.0	3.2	3.3	4.4	4.0	4.1	4.2	3.6	3.7	3.7	2.1	91.8	0.5	12.4	14	15	
12/10/2005	344	-4.0	1.3	-7.0	80.3	0.0	1.2	6.1	267	959.6	5240	10379	0.5	3.0	3.1	3.3	4.6	4.1	4.2	4.3	3.6	3.9	3.8	2.1	90.7	0.5	12.4	14	15	
12/11/2005	345	-3.6	-0.1	-9.5	90.4	0.2	0.7	5.7	198	948.0	4271	8926	0.4	3.0	3.2	3.4	4.7	4.1	4.3	4.3	3.6	3.9	3.8	2.1	87.1	0.7	12.3	14	15	
12/12/2005	346	-4.6	-2.3	-11.4	82.2	0.0	1.9	8.5	287	952.9	5501	10583	0.4	3.1	3.2	3.4	4.6	4.1	4.3	4.3	3.6	3.9	3.9	2.1	84.4	0.7	12.3	14	15	
12/13/2005	347	-12.5	-8.0	-16.1	79.2	0.0	1.2	6.1	228	967.4	7792	14203	0.3	3.1	3.2	3.5	4.7	4.2	4.3	4.4	3.6	3.9	3.9	2.1	80.5	0.7	12.3	16	17	
12/14/2005	348	-14.0	-6.1	-21.8	78.3	0.0	0.2	2.7	83	973.8	6636	13301	0.2	3.1	3.3	3.5	4.8	4.3	4.4	4.4	3.7	4.0	3.9	2.1	76.8	0.7	12.4	17	17	
12/15/2005	349	-10.6	-3.1	-17.2	92.0	0.0	1.3	8.1	65	965.8	3727	8352	0.1	3.2	3.3	3.5	4.8	4.3	4.4	4.4	3.7	4.0	3.9	2.1	74.4	0.7	12.3	16	16	
12/16/2005	350	-0.3	0.7	-2.8	96.4	0.1	1.2	7.2	156	953.2	2662	6173	0.1	3.2	3.4	3.6	4.5	4.2	4.3	4.3	3.7	3.9	3.9	2.1	105.4	0.8	12.3	13	14	
12/17/2005	351	-3.5	-0.4	-7.4	87.6	0.6	0.9	6.6	231	971.9	6465	14569	0.1	3.3	3.4	3.6	4.8	4.2	4.3	4.4	3.7	4.2	3.9	2.1	110.5	1.4	12.3	14	15	
12/18/2005	352	-4.4	1.1	-7.7	87.8	2.4	0.5	5.0	166	974.6	6416	14628	0.1	3.4	3.5	3.7	4.8	4.2	4.2	4.2	3.6	4.3	3.9	2.1	105.3	3.8	12.4	15	15	
12/19/2005	353	-5.9	-4.0	-8.9	80.8	0.0	1.7	9.1	239	966.7	5954	12727	0.0	3.5	3.5	3.7	4.7	4.2	4.2	4.2	3.7	4.2	3.9	2.1	100.2	3.8	12.4	15	15	
12/20/2005	354	-8.6	-5.0	-11.7	71.2	0.0	2.1	8.9	278	962.7	6247	12177	-0.2	3.5	3.6	3.8	4.7	4.2	4.2	4.2	3.7	4.2	3.9	2.1	95.5	3.8	12.4	15	16	
12/21/2005	355	-6.9	-4.2	-10.6	84.8	0.0	1.3	5.7	264	964.7	5573	11148	-0.3	3.5	3.6	3.8	4.7	4.1	4.2	4.3	3.7	4.3	4.0	2.1	91.0	3.8	12.3	15	16	
12/22/2005	356	-3.8	-0.8	-6.7	78.8	0.0	1.6	7.3	270	965.2	5178	10489	-0.4	3.6	3.6	3.8	4.7	4.2	4.3	4.3	3.8	4.3	4.0	2.1	86.9	3.8	12.3	14	15	
12/23/2005	357	2.6	7.3	-1.3	57.7	5.7	1.3	5.9	248	959.2	5741	11908	-0.2	3.6	3.7	3.9	4.7	4.2	4.3	4.3	3.8	4.2	4.1	2.1	83.2	9.5	12.3	14	14	
12/24/2005	358	3.4	9.5	-1.1	72.4	3.5	0.4	4.5	152	959.0	6735	13726	-0.1	3.6	3.7	3.9	4.8	4.3	4.4	4.4	3.9	4.4	4.1	2.1	81.0	13.0	12.4	15	14	
12/25/2005	359	-0.1	4.8	-4.8	95.3	16.2	0.6	6.2	65	953.3	2714	6342	-0.1	3.7	3.7	3.9	4.8	4.3	4.4	4.5	4.0	4.4	4.2	2.1	84.1	29.2	12.3	14	14	
12/26/2005	360	1.2	2.9	-0.9	98.0	0.4	2.4	12.0	252	942.7	847	1995	-0.1	3.6	3.8	3.8	4.6	4.2	4.3	4.3	3.9	4.2	4.1	2.1	103.2	29.6	12.3	14	14	
12/27/2005	361	-1.3	-0.2	-4.6	90.0	0.0	3.3	10.8	268	955.7	1821	3972	-0.1	3.7	3.8	3.9	4.5	4.1	4.3	4.3	4.0	4.1	4.1	2.1	103.7	29.6	12.2	14	14	
12/28/2005	362	-0.5	4.7	-5.6	90.9	0.0	0.2	3.2	94	955.6	4408	9563	-0.2	3.7	3.8	3.8	4.7	4.3	4.4	4.4	3.9	4.2	4.1	2.1	101.0	29.6	12.2	14	15	
12/29/2005	363	2.6	4.6	0.6	100.3	14.8	0.8	7.9	147	945.2	1286	3071	-0.1	3.7	3.8	3.8	4.7	4.1	4.2	4.3	3.8	4.3	4.1	2.1	104.9	44.4	12.2	14	15	
12/30/2005	364	-1.0	1.8	-3.7	91.3</																									