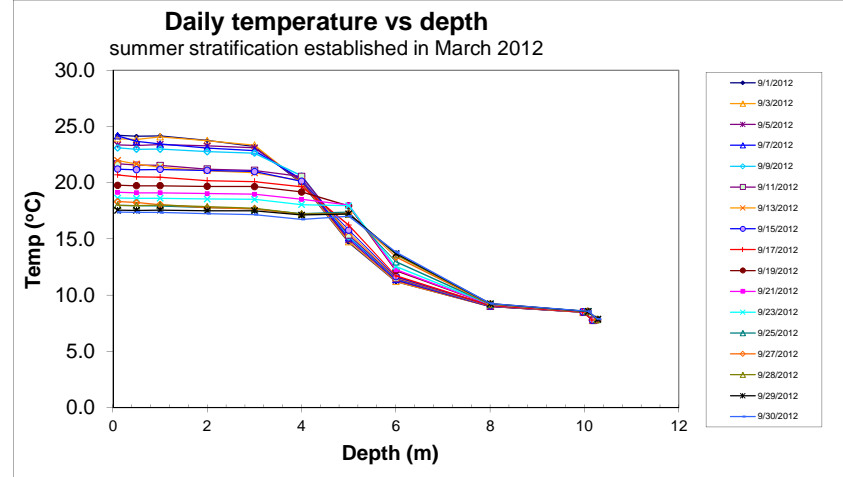
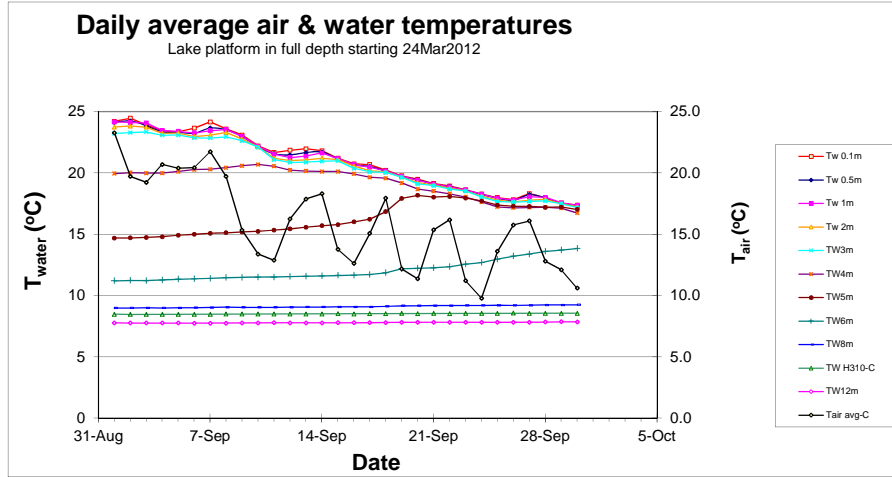


Year: 2012 Month: 9 Two new anchor lines (out of 4) set out when platform returned to lake center in April 2011 to replace one lost and one dragged to dock October 2010
 24 March 2012: platform moved to lake center, 12-1:00pm Nov11: Tightened electrical connections for Tw's in MUX box on 13Nov11 (most could be tightened 1/2 turn or more so this may have solved problem detected earlier)
 13Nov 2011: platform move to dock 12-1pm Replaced lake level data with model for period 20-27Nov11 after platform drifted to north side of dock (used actual evap and rain and modeled outflow from lake level and fitted rain yield for runoff to match final lake level on 2

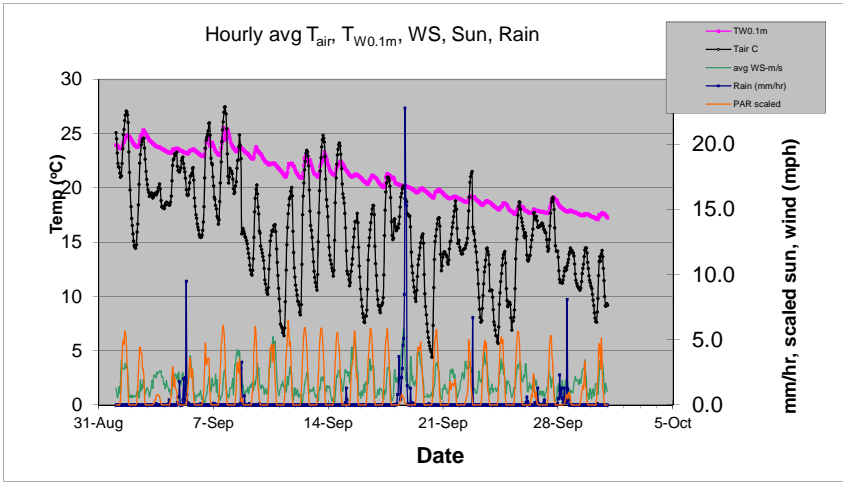
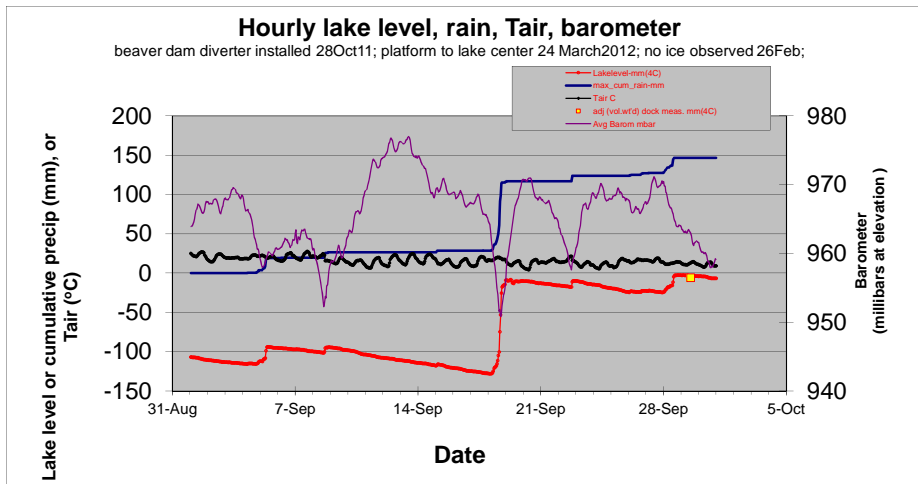
See figure to right for actual de



Lake level is mm above lower edge of dock metal frame (mm of water at 4C based on pressure)
 Monthly rain (incl melt in gage): **5.78 inches** 5.03 in. precip from Hamlin/Scranton NWS

Dock old deck upper surface (before replacement with new artificial wood decking) was at about +200 mm at SE corner but about +50-100mm at NW & NE corners)

Precip from rain gage is underestimated during freezing conditions and appears late when air temperature rises above freezing. Lake level rise accurately reflects rain or the water equivalent of snow, plus runoff and snowmelt.



	mm Precip. NWS	mm Precip. Lac	mm Precip. NWS	mm Precip. Lac	mm Precip. NWS	mm Precip. Lac	mm Precip. NWS	mm Precip. Lac
3-Sep	1.02	0.10	9-Sep	1.52	0.20	26-Sep	3.05	3.20
4-Sep	1.78	3.70	14-Sep	7.37	-	27-Sep	2.54	1.20
5-Sep	19.05	15.60	15-Sep	1.52	1.90	28-Sep	7.112	18.60
6-Sep	8.89	0.20	18-Sep	51.82	88.00	30-Sep	0.25	0.10
7-Sep	0.00	0.10	22-Sep	3.05	6.70			-
8-Sep	17.78	6.90	23-Sep	1.02	-			-

date	mm Precip. NWS	mm Precip. Lac	mm Precip. NWS	mm Precip. Lac
29Oct11	0.32	0.32	0.32	0.32

29Oct11 snow .64" water equiv from lake level, 0.32" water equiv from delayed rain gage & from Hamlin/Hawley

rain gage to date,mm	127.8	Hamlin=Scranton tot
146.9	115%	lac/NWS, t
99%	Lac/Hamlin	

Year	Mar	Apr	May	Jun	Jul
2012	73%	125%	78%	91%	149%
2011		77%	62%	95%	98%