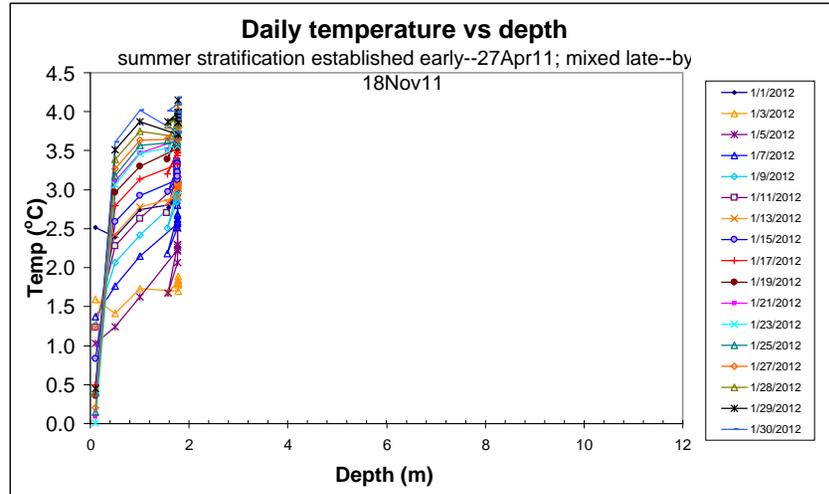
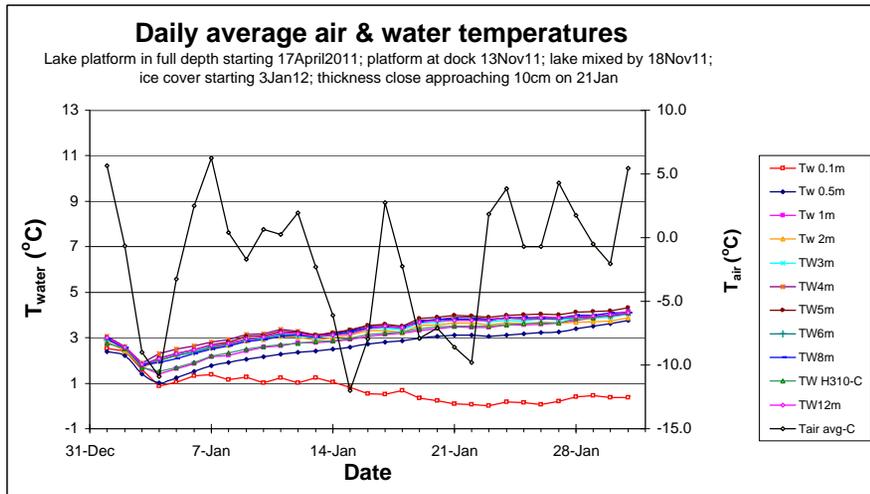


Year: 2012 Month: 1  
 17 April 2011: platform moved to lake center, 1-2pm  
 13Nov 2011: platform move to dock 12-1pm

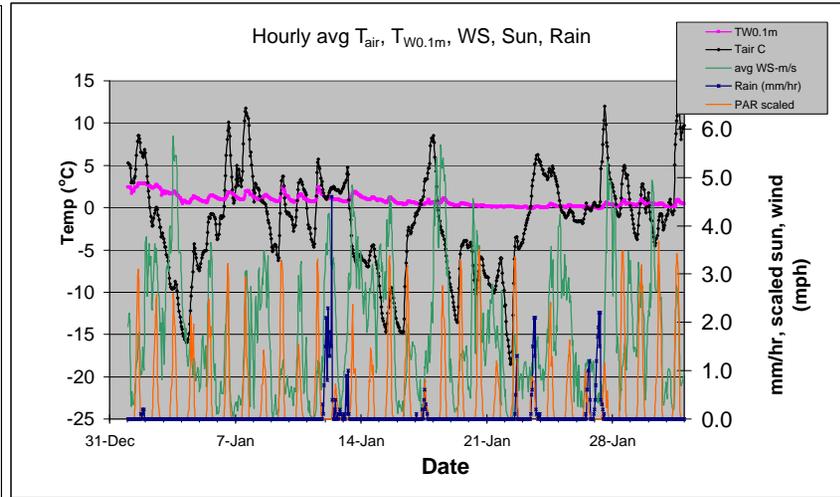
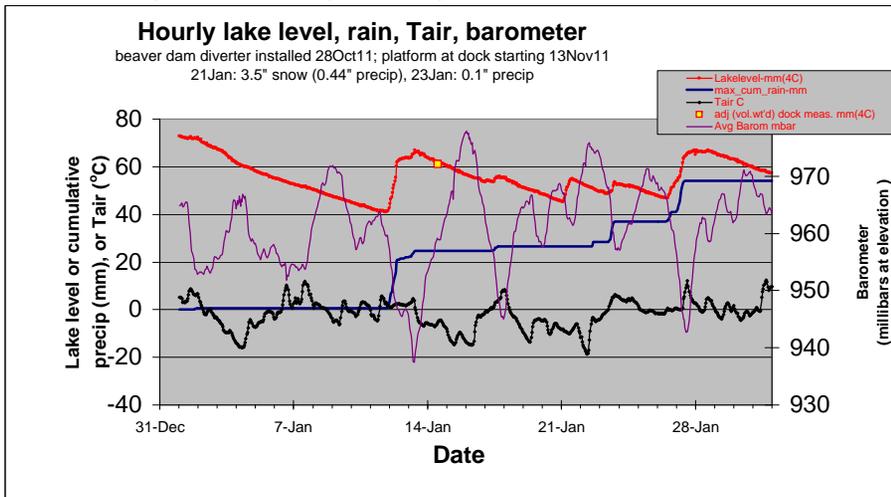
1 Two new anchor lines (out of 4) set out when platform returned to lake center in April 2011 to replace one lost and one dragged to dock October2010  
 Nov11: Tightened electrical connections for Tw's in MUX box on 13Nov11 (most could be tightened 1/2 turn or more so this may have solved problem detected earlier)  
 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 o

See figure to right for actual de



Lake level is mm above lower edge of dock metal frame (mm of water at 4°C based on pressure)  
 Monthly rain (incl melt in gage): 2.13 inches [1.90 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.



acweather (Hamlin=Scranton) rain or water-equiv snow, mm

date	mm Precip. NWS	mm Precip. Lac
1-Jan	2.79	0.60
11-Jan	4.06	2.60
12-Jan	4.83	18.90
13-Jan	5.08	2.50
17-Jan	3.30	1.90
19-Jan	0.25	-

date	mm Precip. NWS
20-Jan	0.25
21-Jan	8.64
23-Jan	3.05
26-Jan	5.08
27-Jan	10.92

date	mm Precip. Lac	mm Precip. NWS
-	-	-
-	8.70	-
-	4.20	-
-	12.80	-

29 Oct 11 snow 64" water equiv from lake level, 0.32" water equiv from delayed rain gage & from Hamlin/Hawley

date	mm Precip. Lac	mm Precip. NWS
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

48.3 Hamlin=Scranton tot; 112% lac/NWS, t

rain gage to date, mm	54.1	112% lac/NWS, t
Mar		85% Lac/Hamlin
Apr	77%	95%
May	62%	98%
Jun		
Jul		
2011	146%	164%
2010		111%
		89%