

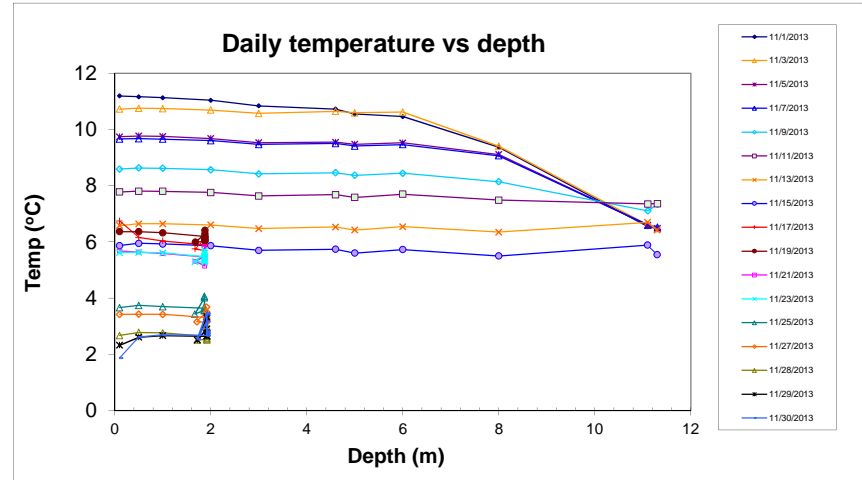
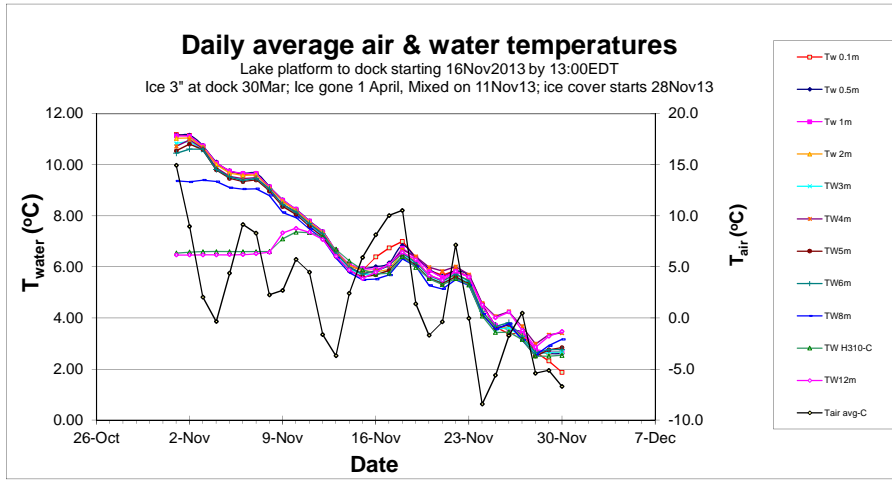
Year: 2013 Month: 11

18 May 2013, 4:30-6:43pm EDT: platform moved to lake center
 16Nov 2013: platform move to dock 11:45-13:00 EDT

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

10June 2013: RH Sensor failed; will replace with data from new sensor running on deck logger; bad HMP35C replaced with HMP60 from deck logger on 11Sep2013. Also swapped antennas and reverted to 15-min aver
 24July 2013: Barometer problem (vent plugged by insect); vent cleared on 14Aug and data avg used for missing data

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)

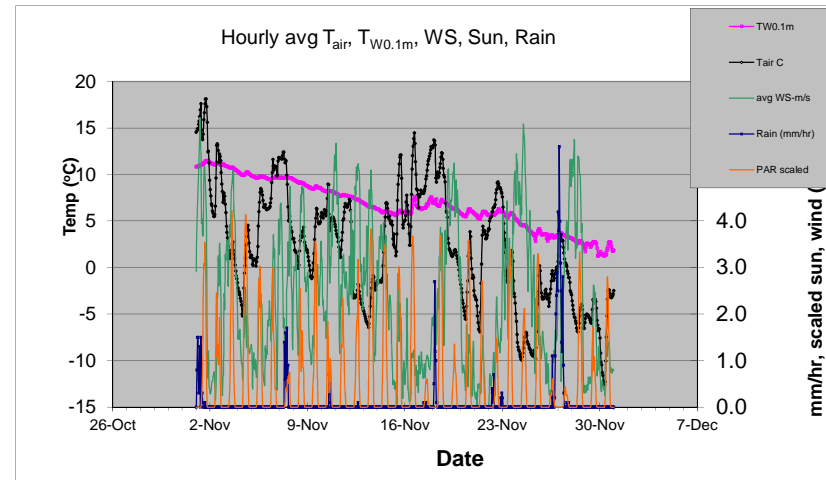
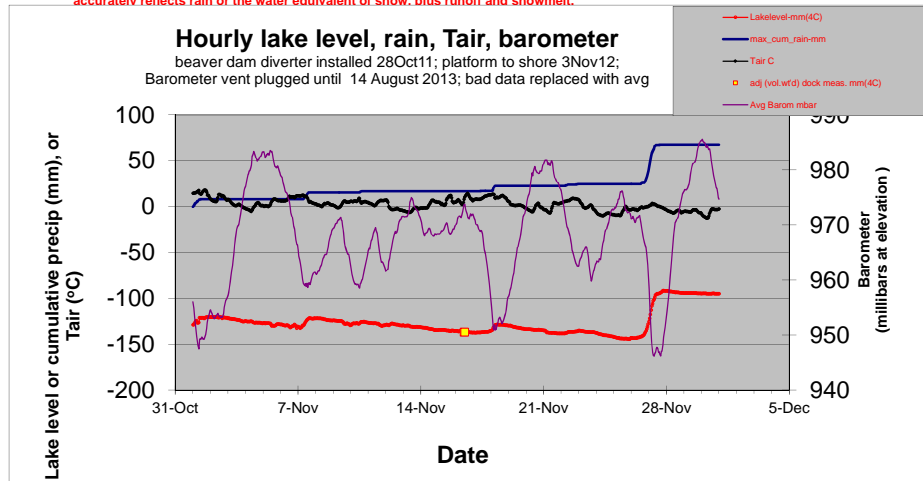
2.65 inches

2.44 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.



date	mm Precip, NWS	mm Precip, Lac	date	mm Precip, NWS
1-Nov	11.68	8.20	22-Nov	0.51
7-Nov	6.60	7.30	23-Nov	0.25
10-Nov	0.00	1.30	24-Nov	0.25
12-Nov	1.27	0.10	26-Nov	20.32
17-Nov	0.51	0.30	27-Nov	20.32
18-Nov	0.00	5.60	28-Nov	0.25

mm Precip, Lac	date	mm Precip, NWS
2.20		
-		
-		
15.60		
26.80		
-		

mm Precip, Lac	date	mm Precip, NWS
-	29Oct11 snow	62.0
-		67.4
-		109%
-		72% Lac/Hamlin

rain gage to date, mm	62.0 Hamlin-Scranton tot
Mar	73%
Apr	77%
May	66%
Jun	82%
Jul	54%
2013	73%
2012	149%