

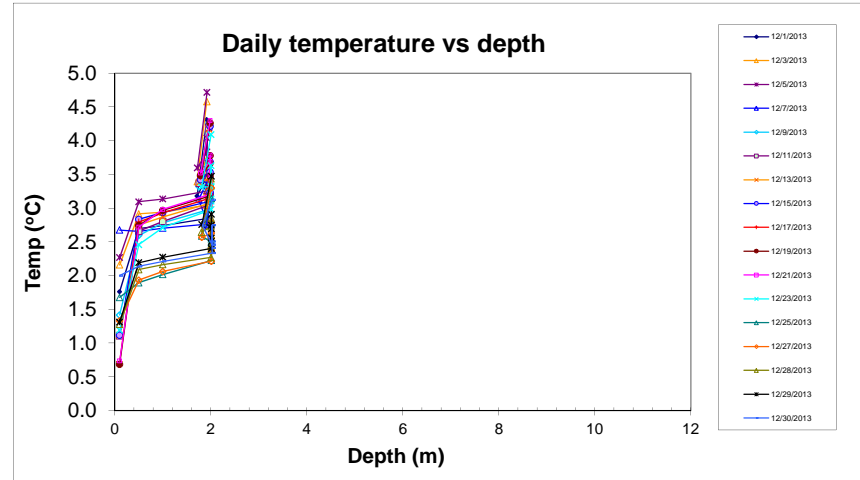
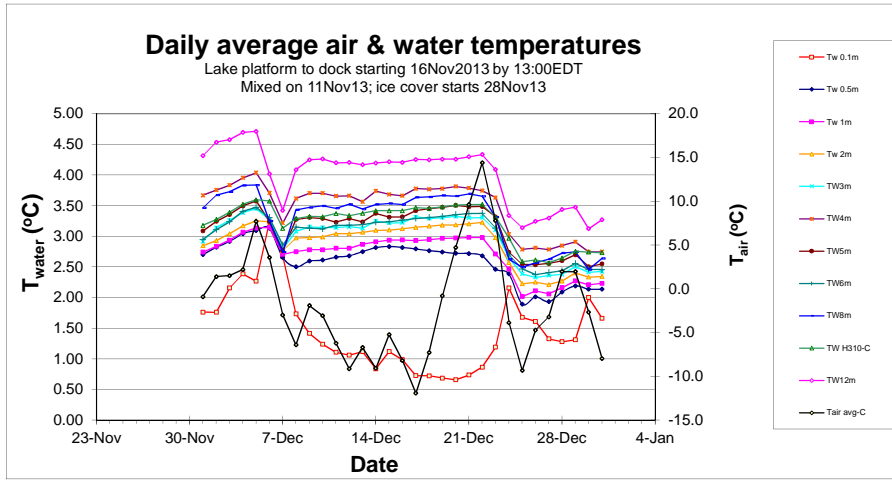
Year: 2013 Month: 12

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 October 2010

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 4°C based on pressure)

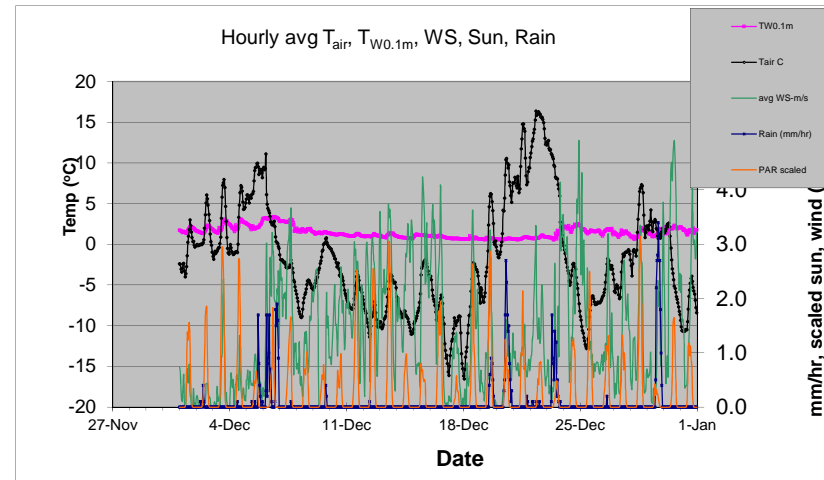
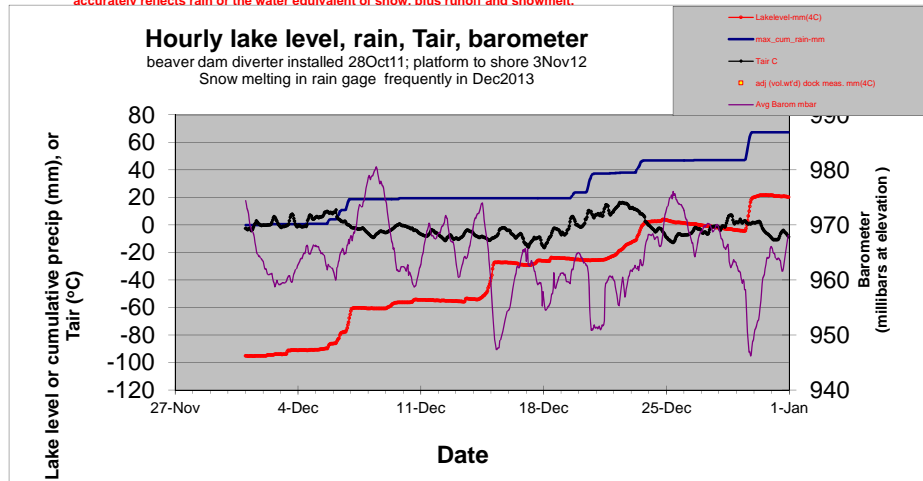
2.65 inches

2.62 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.



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

date	mm Precip, NWS
2-Dec	0.00
4-Dec	0.00
5-Dec	8.38
6-Dec	6.10
7-Dec	0.25
8-Dec	0.25

date	mm Precip, Lac	date	mm Precip, NWS
9-Dec	0.70	9-Dec	1.27
10-Dec	0.10	10-Dec	0.76
12-Dec	3.40	12-Dec	0.00
14-Dec	14.60	14-Dec	13.97
15-Dec	0.10	15-Dec	1.27
17-Dec	-	17-Dec	4.57

mm Precip, Lac	date	mm Precip, NWS
0.60	18-Dec	0.00
-	19-Dec	0.00
0.10	20-Dec	0.00
-	21-Dec	0.00
-	22-Dec	0.25
-	23-Dec	6.10

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

mm Precip, Lac	date	mm Precip, NWS
-	24-Dec	0.00
4.00	26-Dec	0.51
13.80	29-Dec	21.59
0.30	31-Dec	1.27
0.40	-	-
8.90	-	-

rain gage to date, mm		66.5 Hamlin=Scranton tot	
Mar	Apr	May	Jun
73%	125%	77%	66%
72% Lac/Hamlin	101% Lac/NWS, t	82%	54%
2013	2012	73%	149%