

Year: 2015 Month: 4

18 Apr 2014, 10:40-11:40am EDT: platform moved to lake center  
 10Nov 2014: platform move to dock 11:05-11:55 EDT

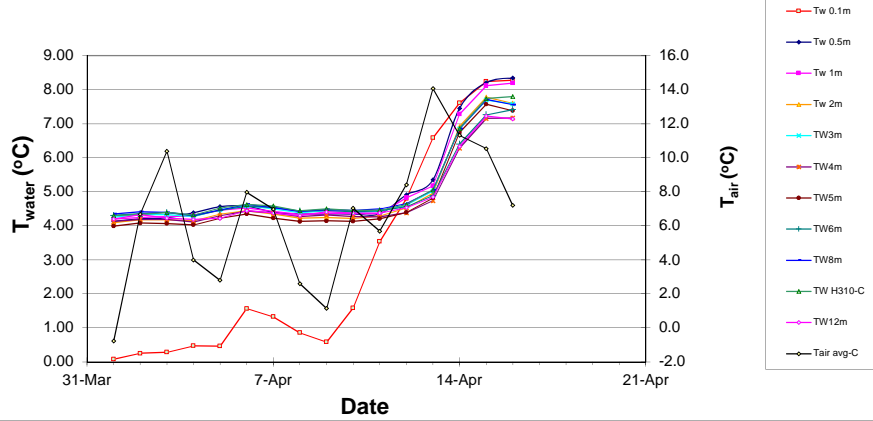
Sept 2014: adjusted RH Sensor offset (so far only in >=Sept2014 files)

10June 2013: RH Sensor failed; bad HMP35C replaced with HMP60 from deck logger on 11Sep2013. Also swapped antennas and reverted to 15-min averaging instead of 60min averaging.  
 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 d

### Daily average air & water temperatures

Lake platform to lake dock starting 10Nov2014; ice-thaw cycles start 22 Nov2014, cont. thru Dec



Lake level is mm above lower edge of dock metal frame (mm of water at 4°C based on pressure)

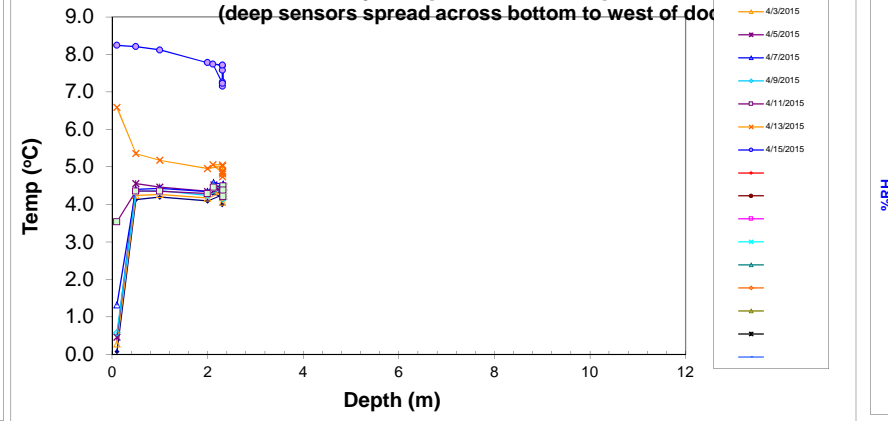
1.25 inches      1.23 in. precip from Hamlin/Scranton NWS

Deck old deck upper surface (before replacement with new artificial wood decking) was at about +200 mm at SE corner but about +50 to +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.

### Daily temperature vs depth

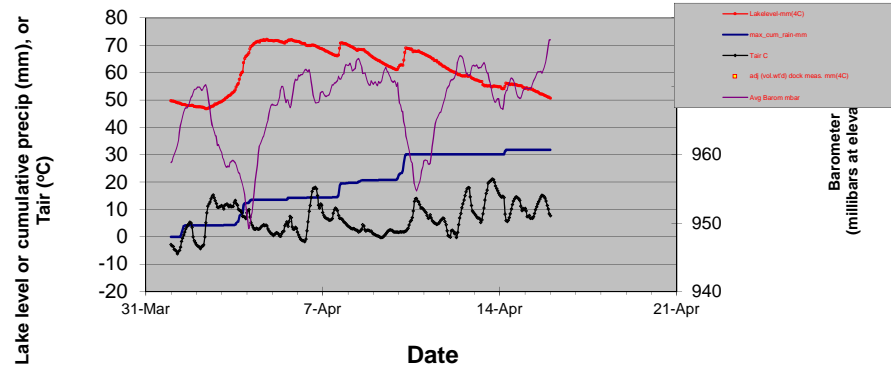
(deep sensors spread across bottom to west of dock)



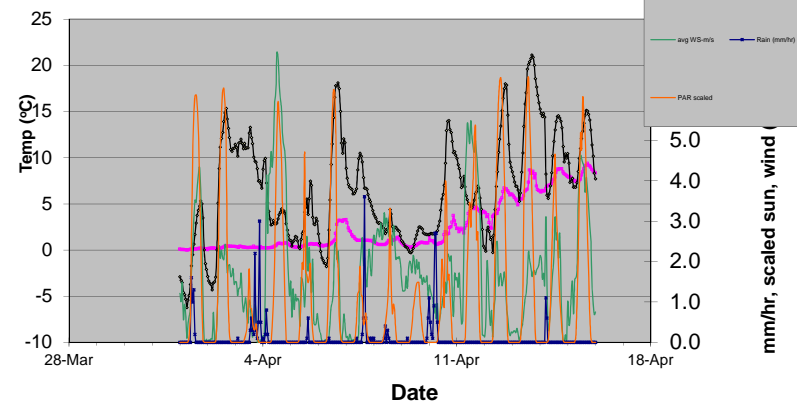
%RH

0.826771654

### Hourly lake level, rain, Tair, barometer



### Hourly avg T<sub>air</sub>, T<sub>W0.1m</sub>, WS, Sun, Rain



date	mm Precip, NWS	mm Precip, Lac	date	mm Precip, NWS	mm Precip, Lac
3-Apr	7.62	8.20	9-Apr	1.78	1.50
4-Apr	5.08	1.20	10-Apr	5.33	8.00
5-Apr	1.02	0.70	14-Apr	4.57	1.70
6-Apr	0.00	0.10			
7-Apr	5.59	5.40			
8-Apr	0.25	0.90			

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

fixed eqn error in I67:J72 on 23Oct14

date	mm Precip, Lac	date	mm Precip, NWS	mm Precip, Lac
	1.50		1.78	
	8.00		5.33	
	1.70		4.57	

rain gage to date,mm	27.7	89% lac/NWS, 1
		85% Lac/Hamlin
2015	110%	
2014	84%	69%
2013	103%	77%

31.2 Hamlin=Scranton tot