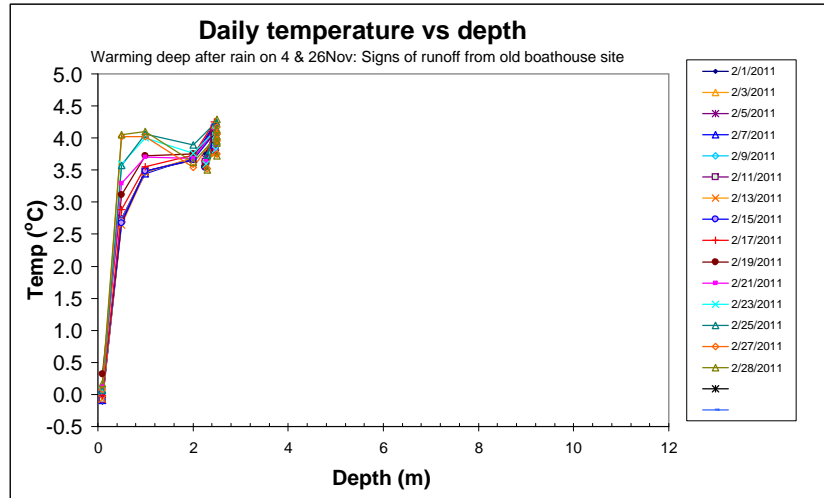
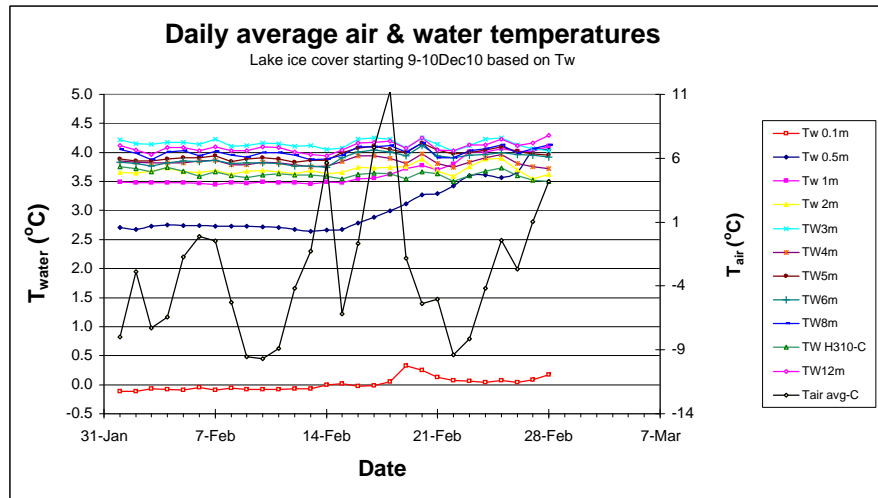


Year: 2011 Month:

2 See figure to right for actual depths of temperature sensors when weather station is in shallow water (during winter, Tw sensors extended along bottom to west of dock in 2-3m deep water)

31October2010: platform moved to dock

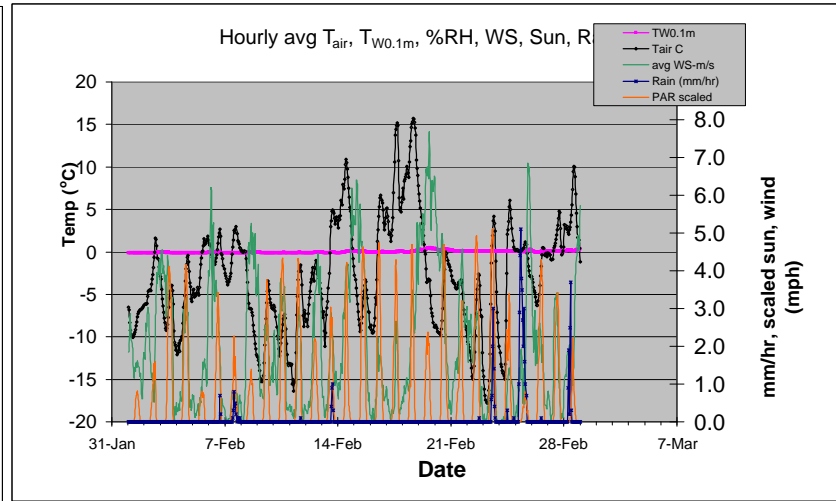
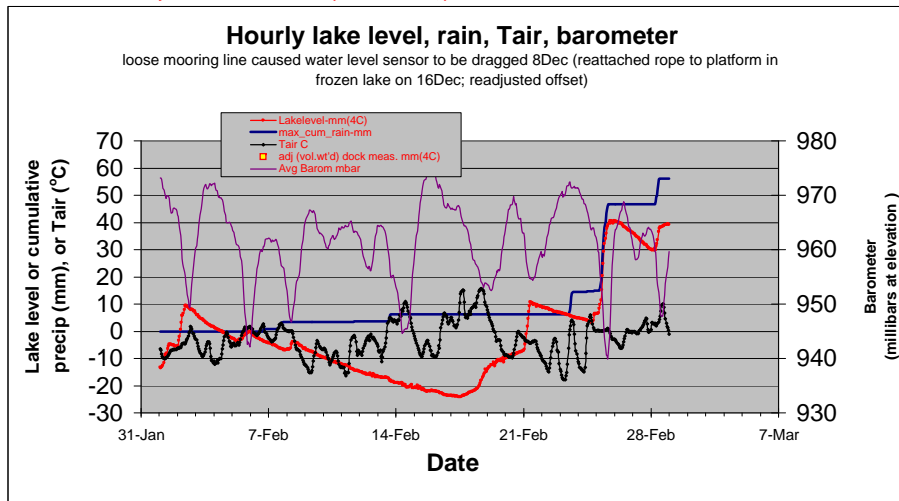
2010 Direction of wind error: N side of platform is oriented ENE or NE since installing with new NE anchor at lake center; WHEN MOVED FROM LAKE CENTER, platform S was aiming WEST; normal orientation at dock



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): 2.21 inches 3.87 in. (incl. winter frozen precip) from Avoca NWS Dock old deck upper surface 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. AV	mm Precip. Lac	date	mm Precip. AV
accuweather (Avoca)	1-Feb	9.65	-	12-Feb	0.51
rain or water-equiv snow, mm	2-Feb	18.03	-	13-Feb	0.25
	5-Feb	5.33	-	20-Feb	3.30
	7-Feb	1.27	2.60	21-Feb	12.70
	8-Feb	4.83	-	24-Feb	4.57

mm Precip, Lac	date	mm Precip. AV
-	25-Feb	26.92
2.60	28-Feb	10.92
-		
-		
0.40		

mm Precip, Lac	date	mm Precip. AV
31.70		
9.50		
-		
-		
-		

AVOCA is Scranton-WilkesBarre Airport

Avoca total precip,mm	98.3		
rain gage to date,mm	56.2	57%	lac/avoca, t
Lac/Avoca avg 2010		140%	lac/avoca, t
Mar	Apr	May	Jun
	146%	164%	111%
			89%