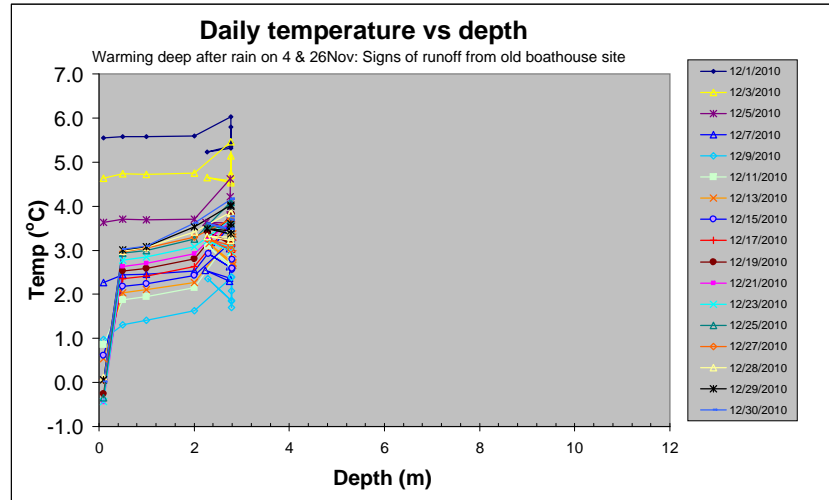
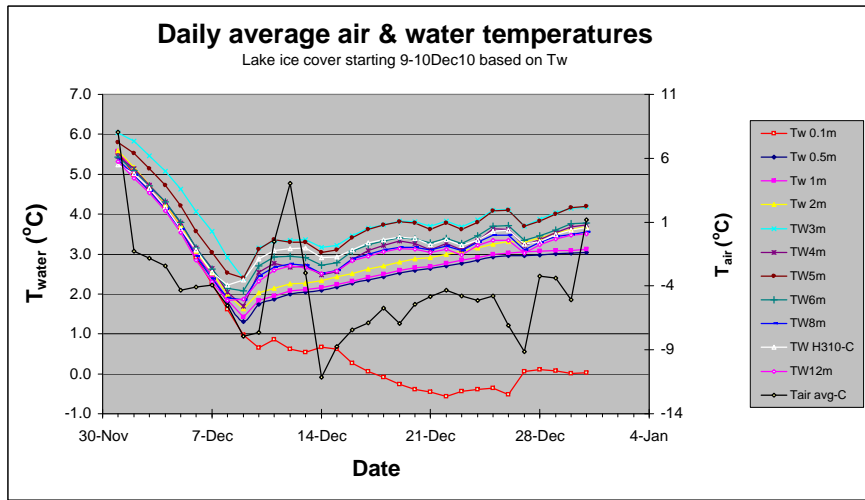
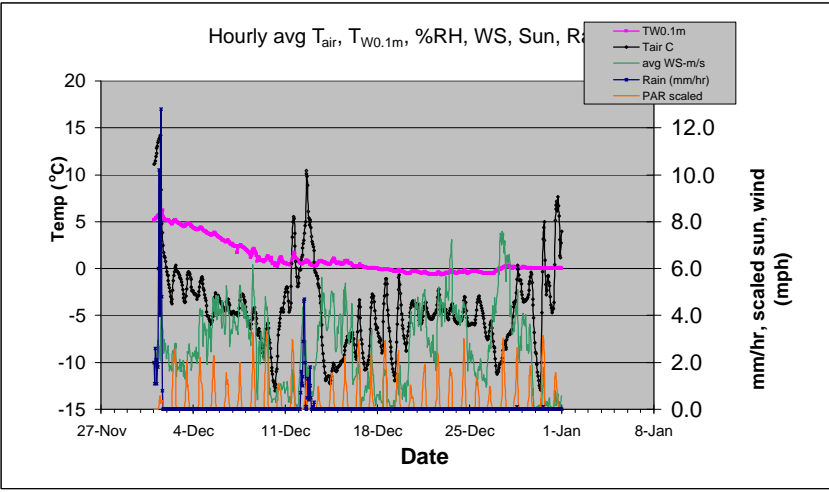
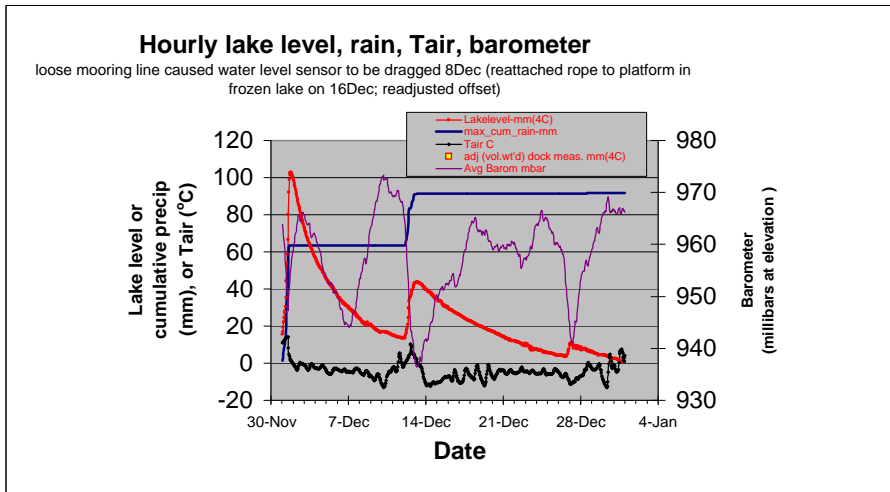


Year: 2010 Month: 12 See figure to right for actual depths of temperature sensors when weather station is in shallow water (during winter, Tw sensors extended along bottom to west of dock in 2-3m deep water)
 31October2010: platform moved to dock 2010 Direction of wind error: N side of platform is oriented 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): 3.63 inches 2.45 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.



9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
30

	mm Precip, AV	mm Precip, Lac	mm Precip, AV
accuweather (Avoca)	1-Dec 40.13	63.90	26-Dec 2.29
rain or water-equiv snow, mm	9-Dec 0.25	-	27-Dec 0.51
	12-Dec 18.54	27.60	
	14-Dec 0.25	-	
	15-Dec 0.25	-	

mm Precip, Lac	date	mm Precip, AV	mm Precip, Lac
-			-
-			-
-			-
-			-
-			-

AVOCA is Scranton-WilkesBarre Airport
 Avoca total precip,mm 62.2
 rain gage to date,mm 92.2 148%