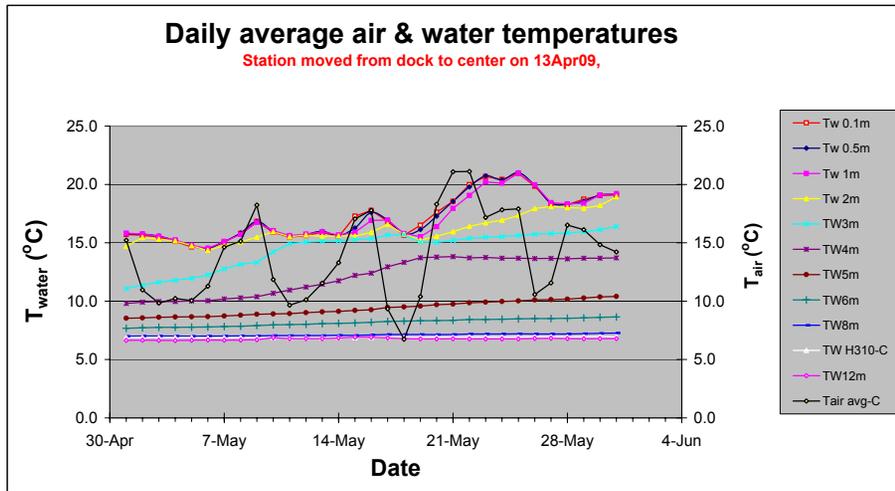


Year: 2009 Month: 5

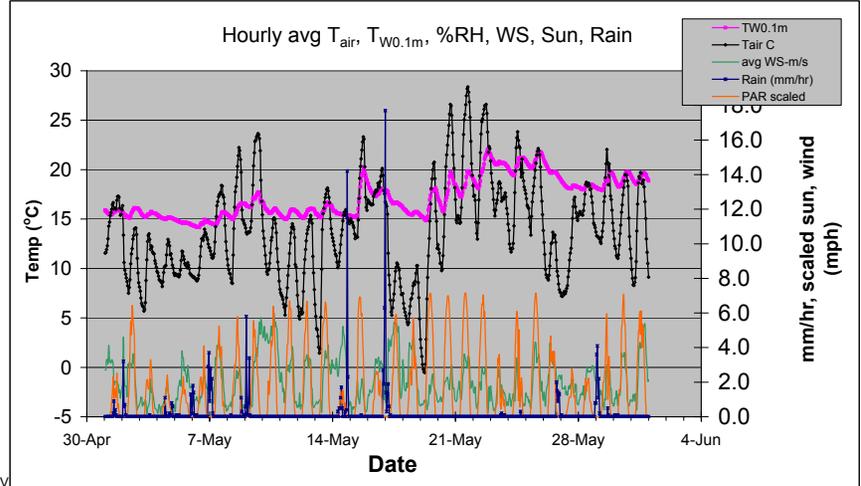
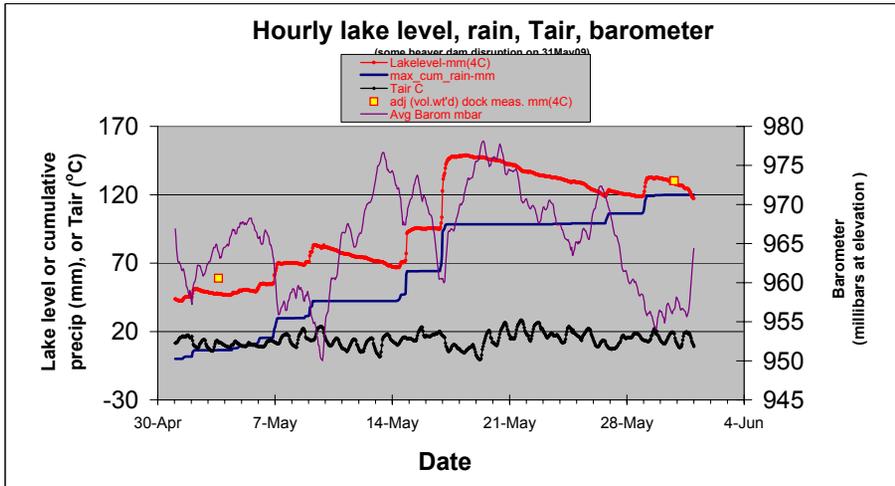
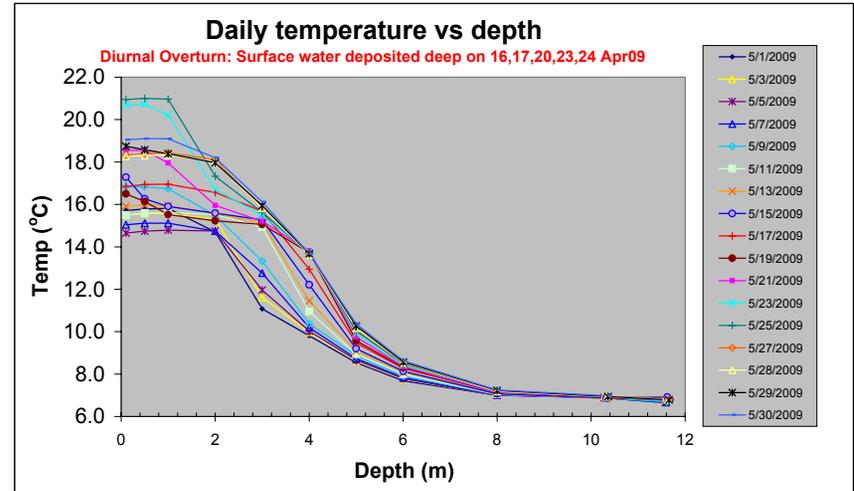
13Apr09: Station moved from dock from 2:30-3:30pm (problems with ice-shift anchors result in wind direction error until corrected)
See figure to right for actual depths of temperature sensors when weather station is in shallow water.



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): 4.72 inches 4.6 in. (incl. winter frozen precip) from Avoca NWS Dock upper surface is at about +200 mm at SE corner but about +100 at NW corner

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.

TW12m sensor damage noted on 21Apr07 (animal bite through outer insulation near bottom); will need to replace it but currently it's working again



accuweather (Avoca)	1-May	3.30	1.70	7-May	1.02	6.80	16-May	18.80	28.60	27-May	0.25	0.10	Avoca total precip,mm	117.1
rain or water-equiv snow, mm	2-May	9.14	4.60	8-May	1.02	1.60	17-May	12.70	5.60	28-May	15.24	1.60	rain gage to date,mm	119.9
	4-May	1.27	3.10	9-May	4.826	11.00	23-May	1.778	0.40	29-May	6.096	11.80	102%	
	5-May	4.06	2.50	14-May	22.68	21.80	24-May	18.796	0.30			-		
	6-May	5.08	10.90	15-May	3.024	0.10	26-May	9.652	7.10			-		

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