Attachment A

Figures 1- 14

Figure 1

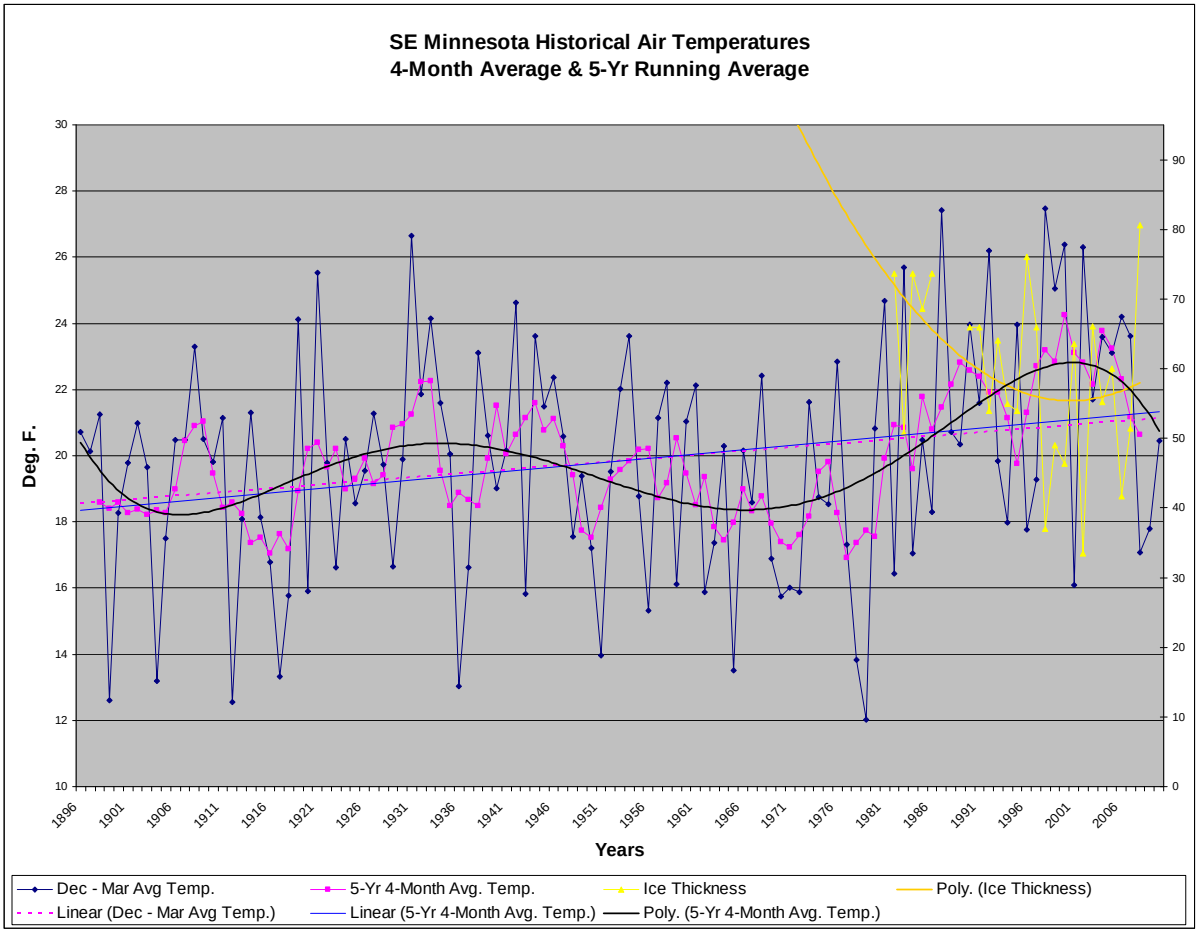

SE Minnesota Historical Air Temperatures
4-Month Average & 5-Yr Running Average
Deg. F.
Years
Dec - Mar Avg Temp.
5-Yr 4-Month Avg. Temp.
Ice Thickness
Poly. (Ice Thickness)
Linear (Dec - Mar Avg Temp.)
Linear (5-Yr 4-Month Avg. Temp.)
Poly. (5-Yr 4-Month Avg. Temp.)

Figure 2

Prairie Island Generating Plant - 2010 Temperature Datalogger Locations

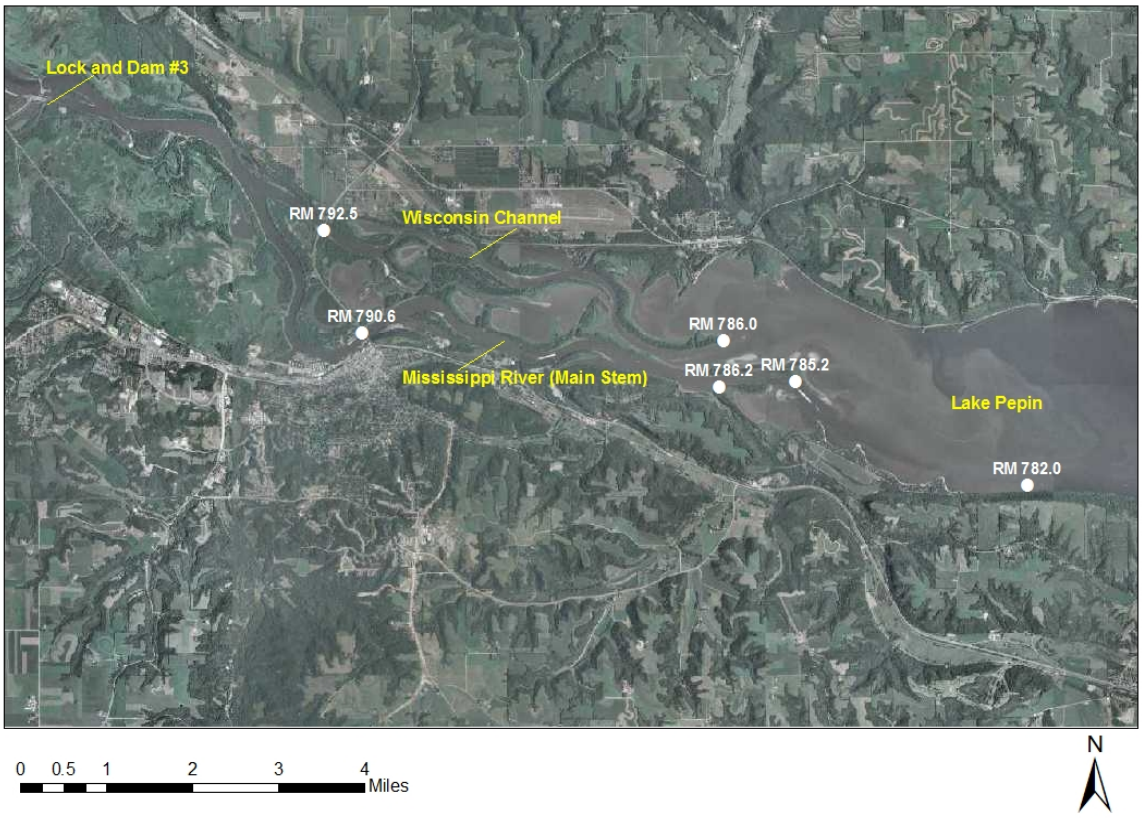


Figure 3

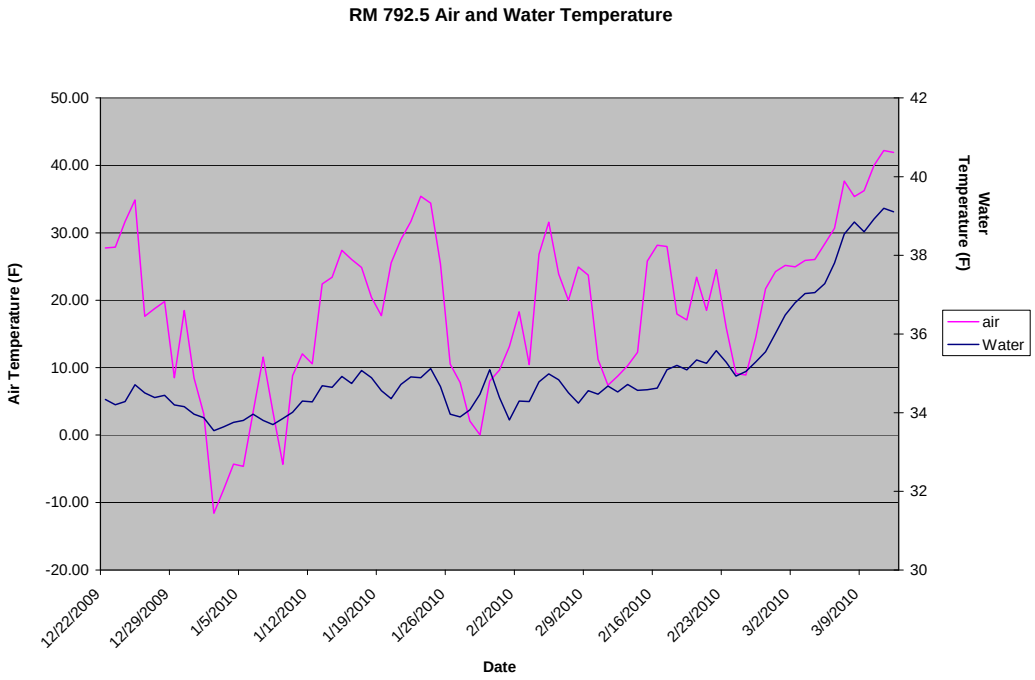


Figure 4

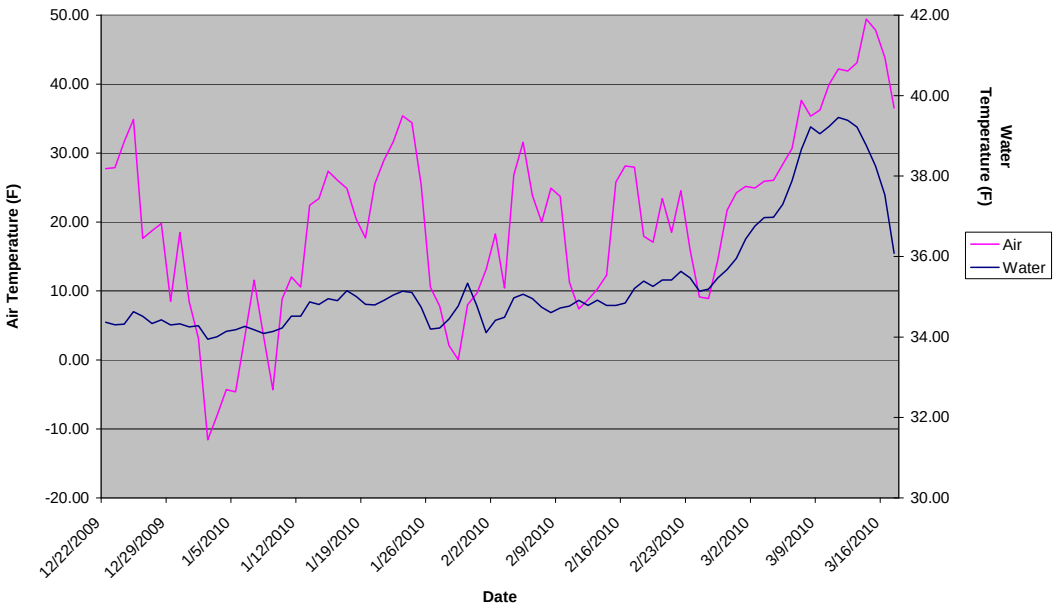


Figure 5

RM 786 (Back Channel) Air and Water Temperature

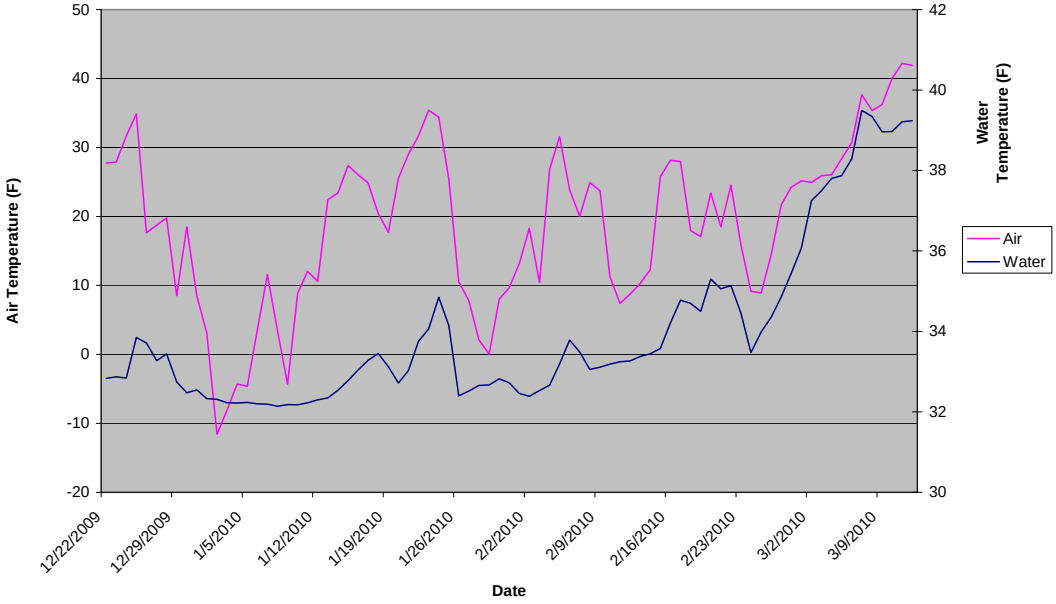


Figure 6

RM 786.2 Air and Water Temperature

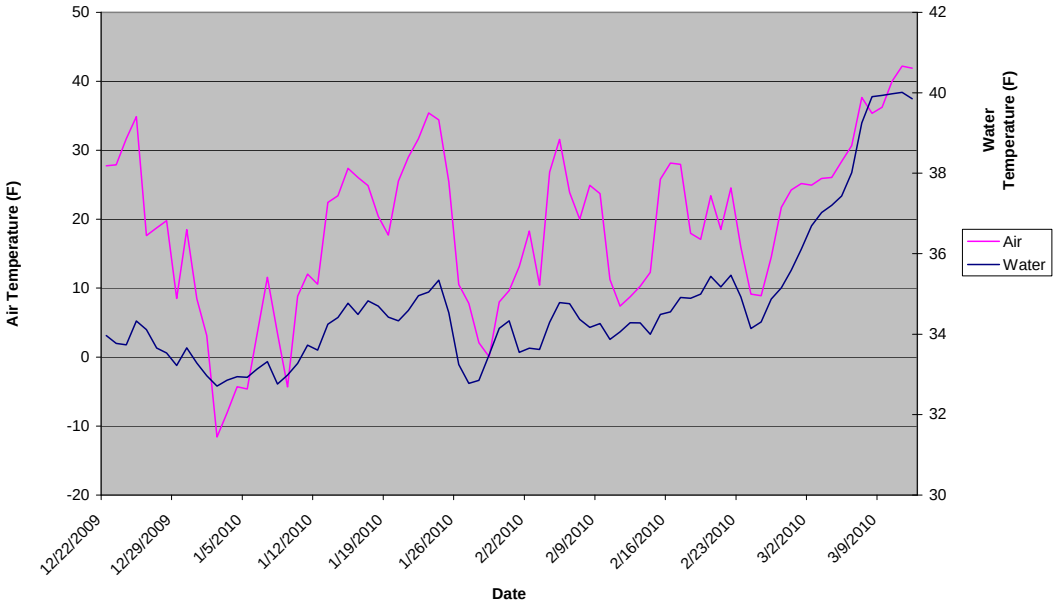


Figure 7

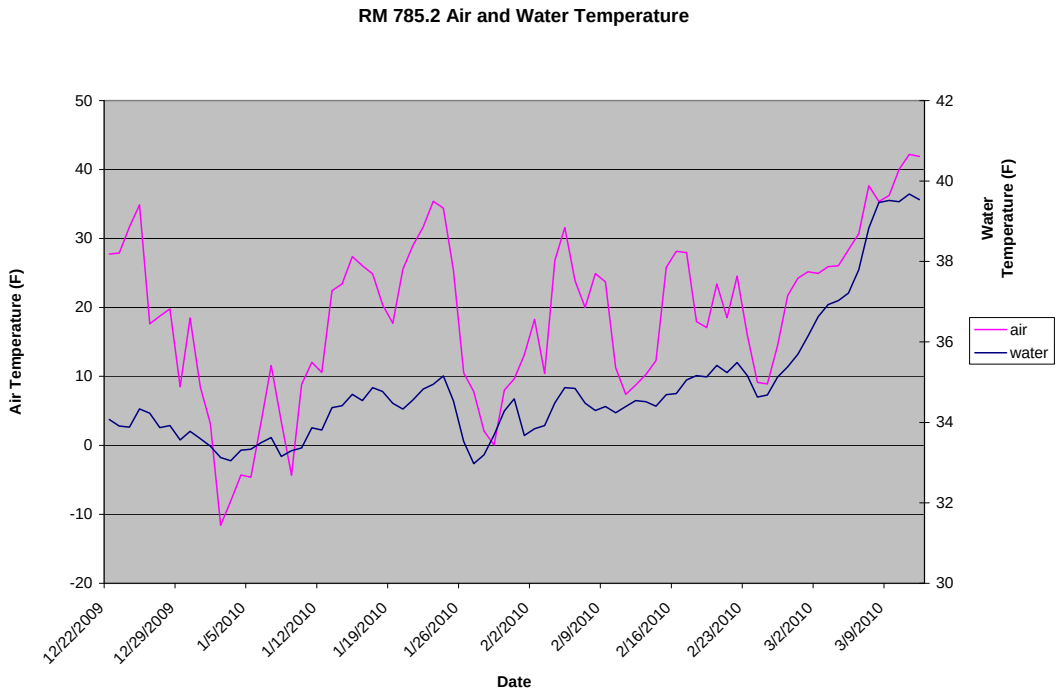


Figure 8

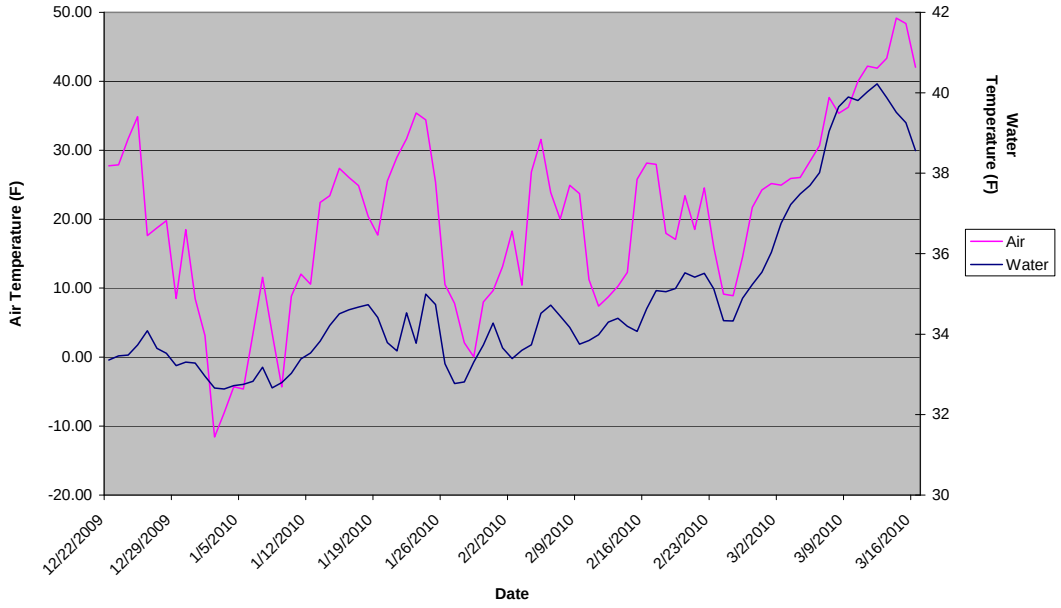


Figure 9

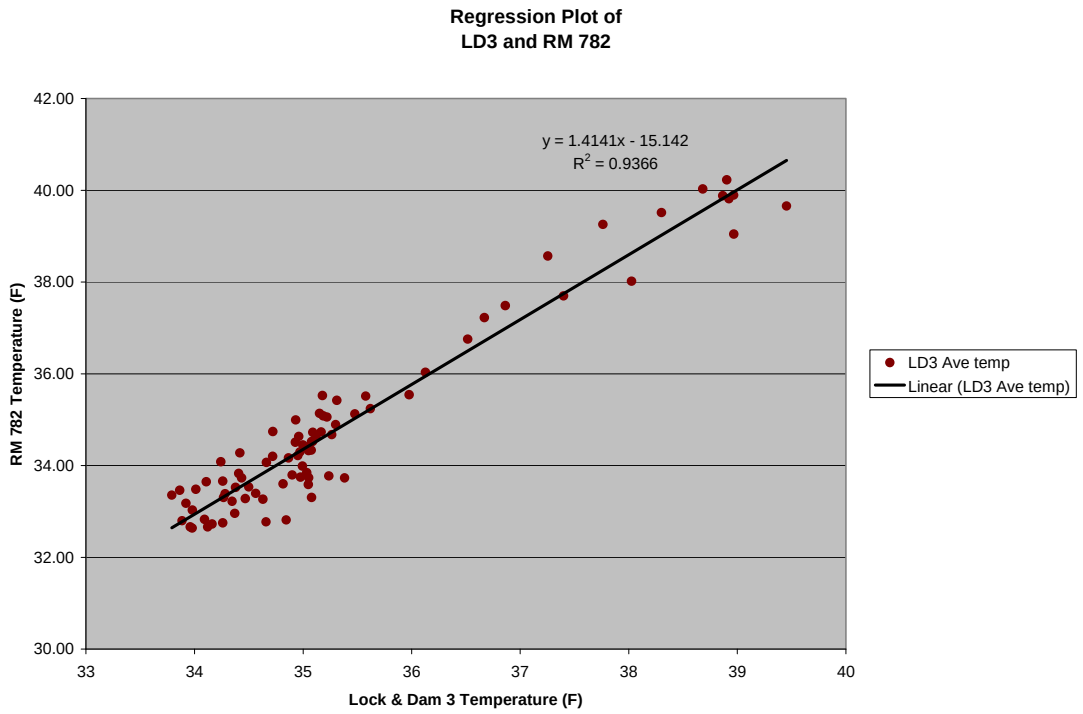


Figure 10

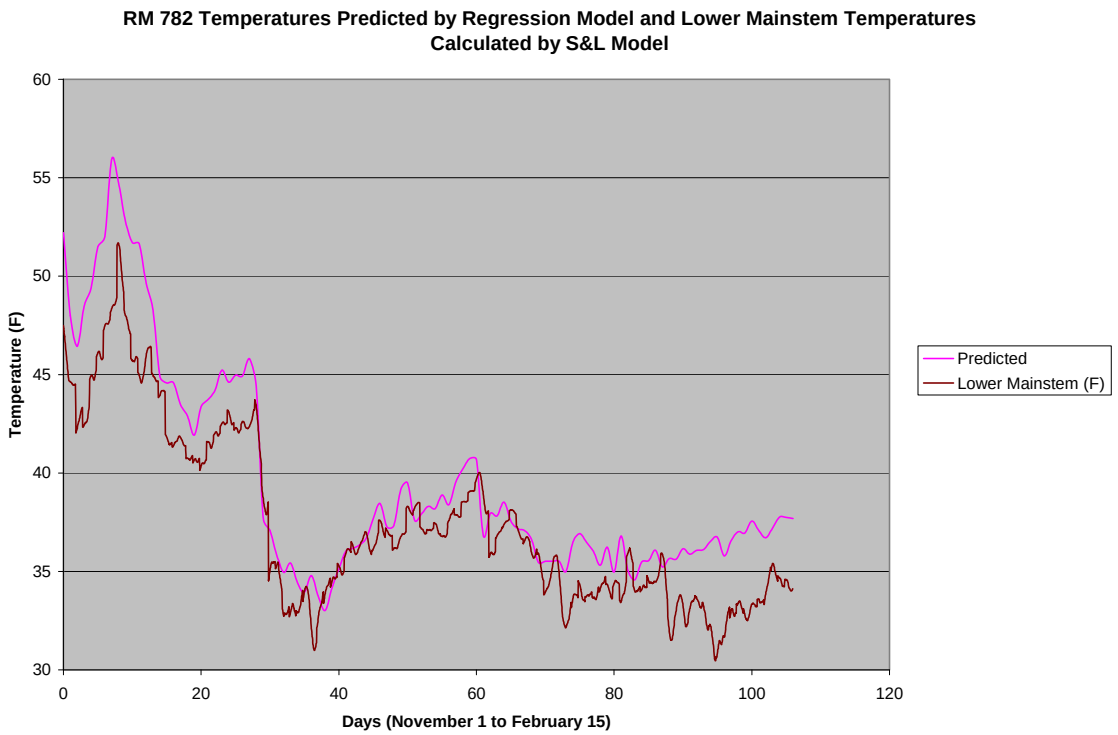


Figure 11

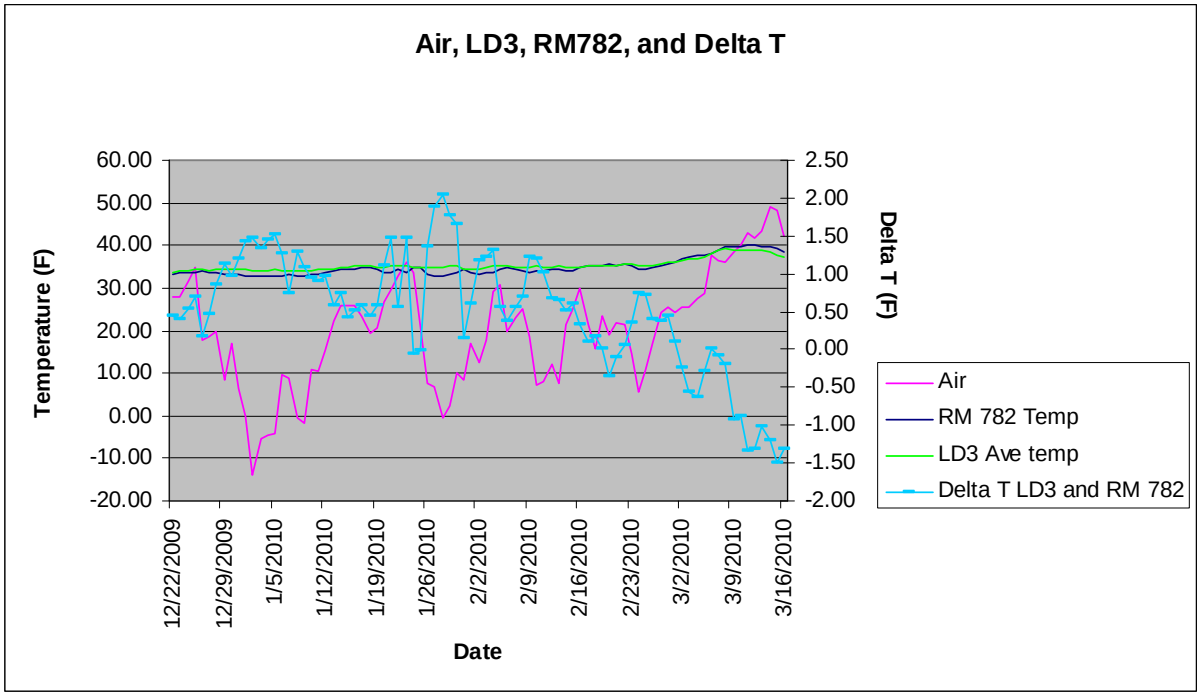


Figure 12

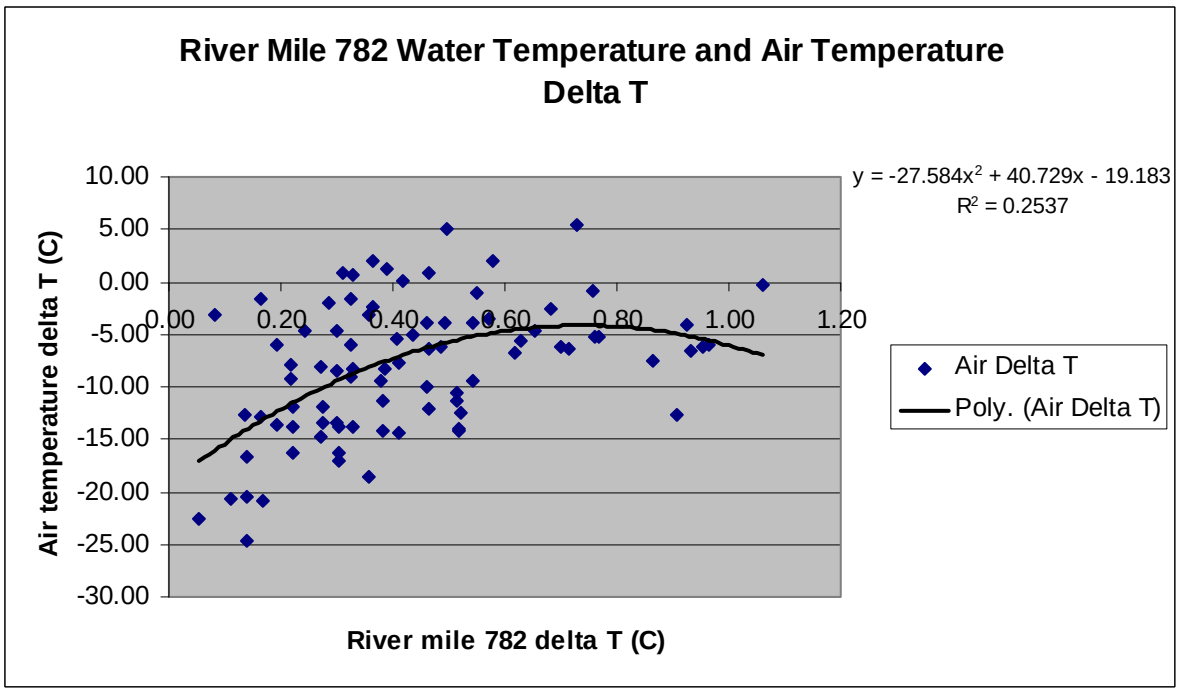


Figure 13

Infilling of Lake Pepin by Sediment
(Senjem, N., 2009)

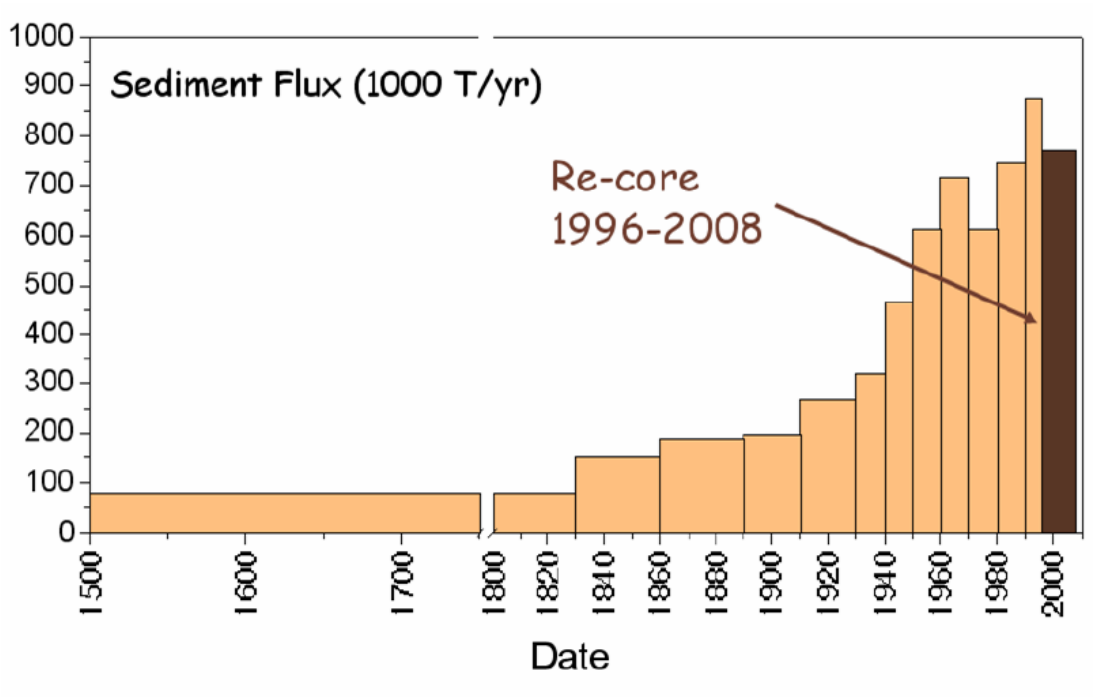
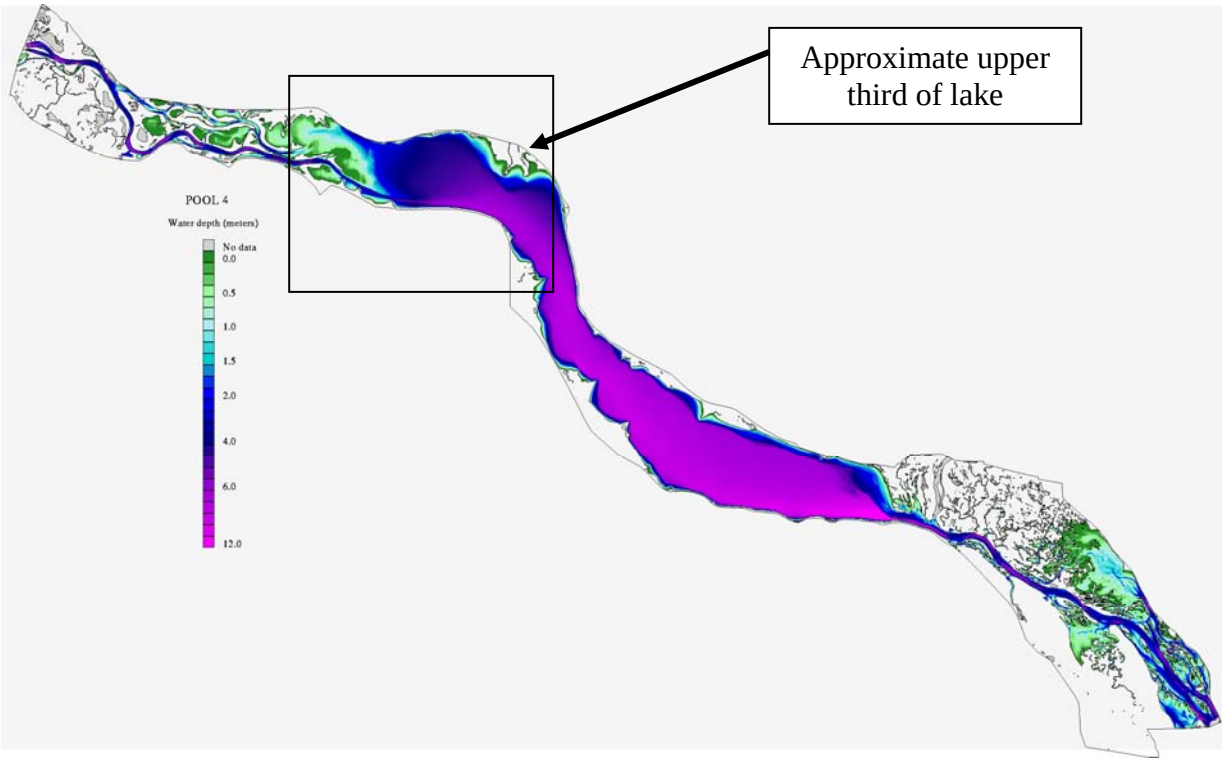


Figure 14

Lake Pepin Bathymetry (USGS, 2010)
Notation by Xcel Energy