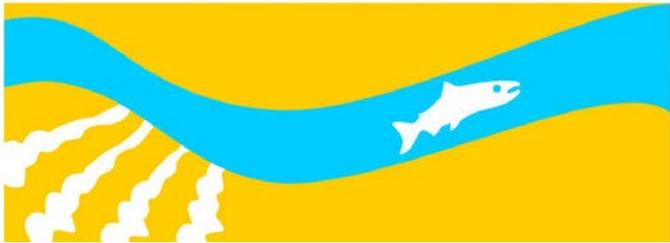


Temperature Monitoring of the Cold Water Pool in Millerton Lake

August 2013

SAN JOAQUIN RIVER
RESTORATION PROGRAM



Study Name	Principal Investigator	Agency	Data Availability	Monitoring Stations
Temperature Monitoring of the Cold Water Pool in Millerton Lake	Tracy B, Vermeyen, P.E. Hydraulic Engineer tvermeyen@usbr.gov	Bureau of Reclamation, Technical Service Center, Denver CO	Data was sent to MWH to be posted on SJRRP Sharepoint site	<ol style="list-style-type: none"> 1) Friant Forebay Temperature Profiling site. 2) Millerton Inflow temperatures are measured at Kerckhoff No. 2 Powerplant 3) Friant-Kern, Madera Canal and SJR water temperatures are measured below Friant Dam. 4) Water temperatures of worm farm return flows to the SJR (Reach 1A)

Analysis Tools	Reaches	Monitoring Status	Report Status
Plots and Statistics	Millerton Lake and Reach 1A	Ongoing, with semi-annual data collection (May and Nov.) Last field visit was May 28, 2013	Updated - July 2013

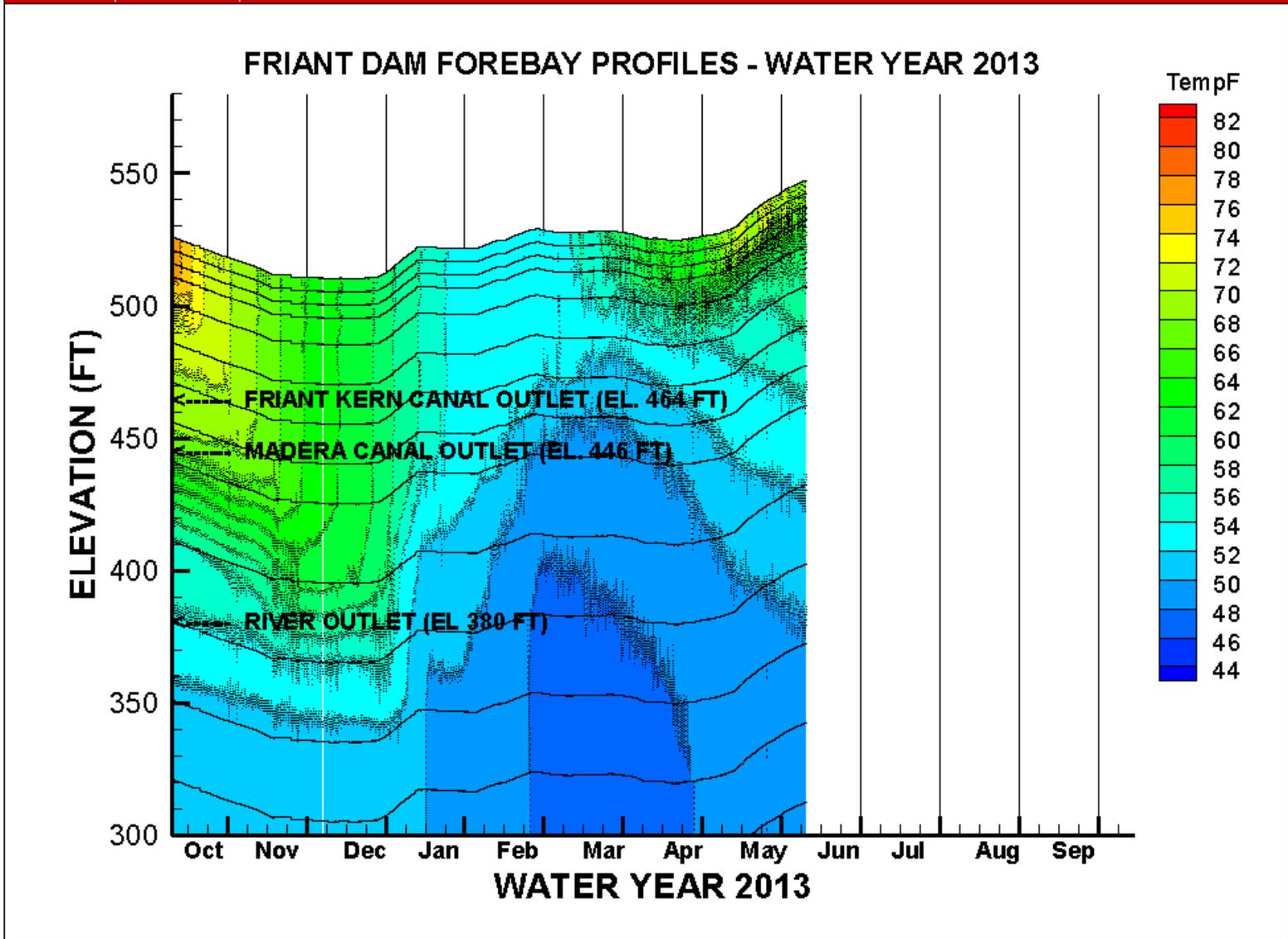


Figure 1. Friant Dam forebay water temperature profile data for water year 2013 (through May 28, 2013)

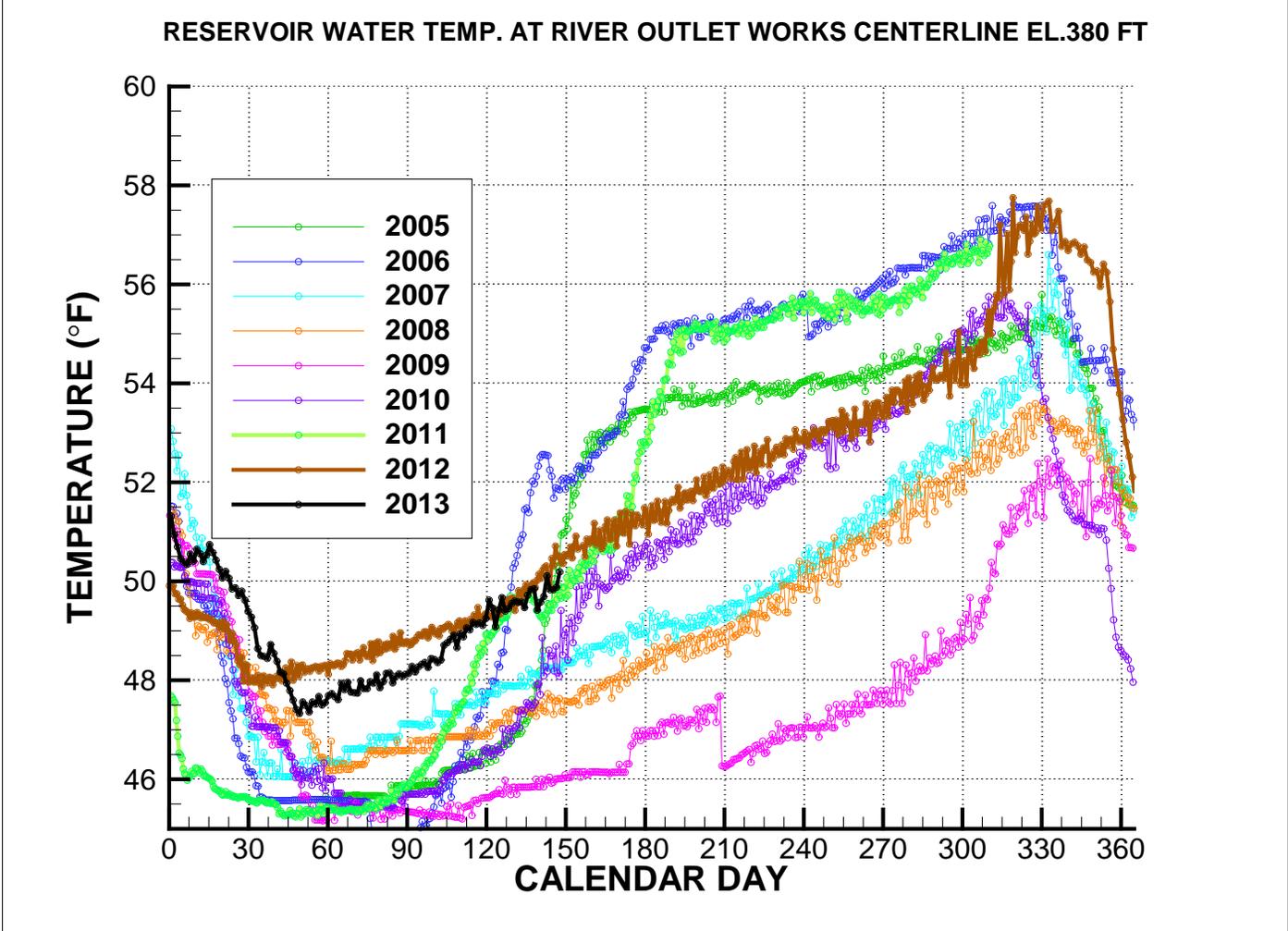


Figure 2. Friant Dam river outlet available release water temperatures for years 2005 through 2013 (thru May 28, 2013). These temperatures were measured at El. 380 in Millerton Lake and represent the temperature water available for release to the San Joaquin River below Friant Dam. The 2013 water year release temperatures (black line) are looking very similar to 2012 (brown line).

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