

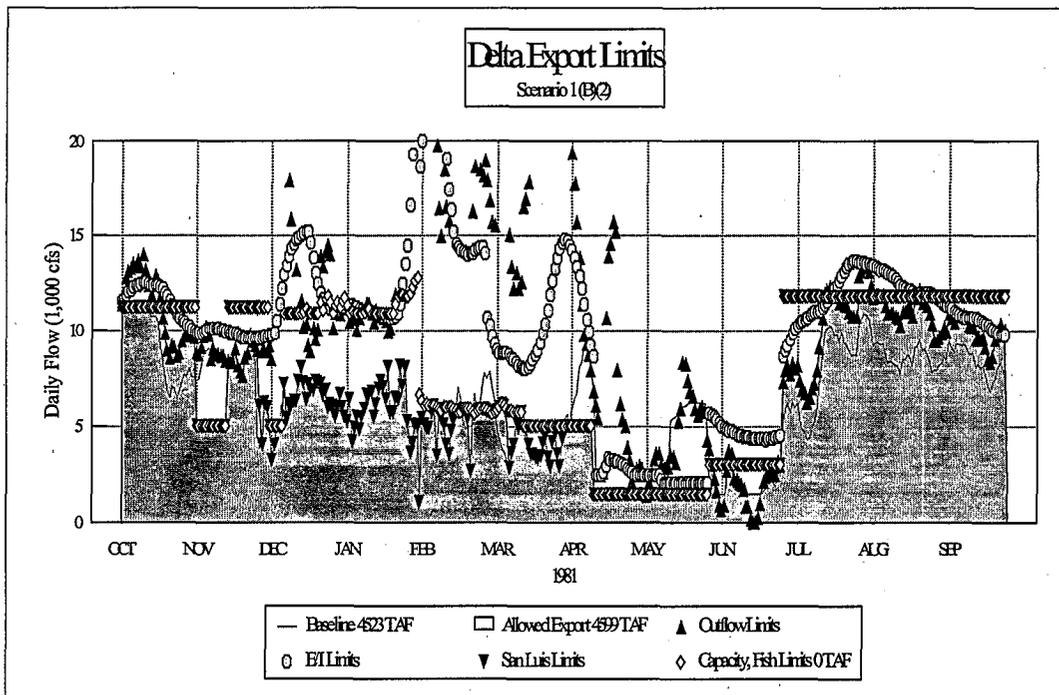
These graphs demonstrate the basic methods that might be used for environmental and water supply management of Delta facilities.

The D-1485 baseline was previously simulated with the 1981 historical inflows. The outflow, export limits, and San Joaquin flows at Vernalis are the main differences between D-1485 and WQCP with VAMP. For historical inflows, the reduction in allowable exports was approximately 200 TAF. Assuming that the CVP share would be about 50% of this, the (b) (2) portion would be about 100 TAF.

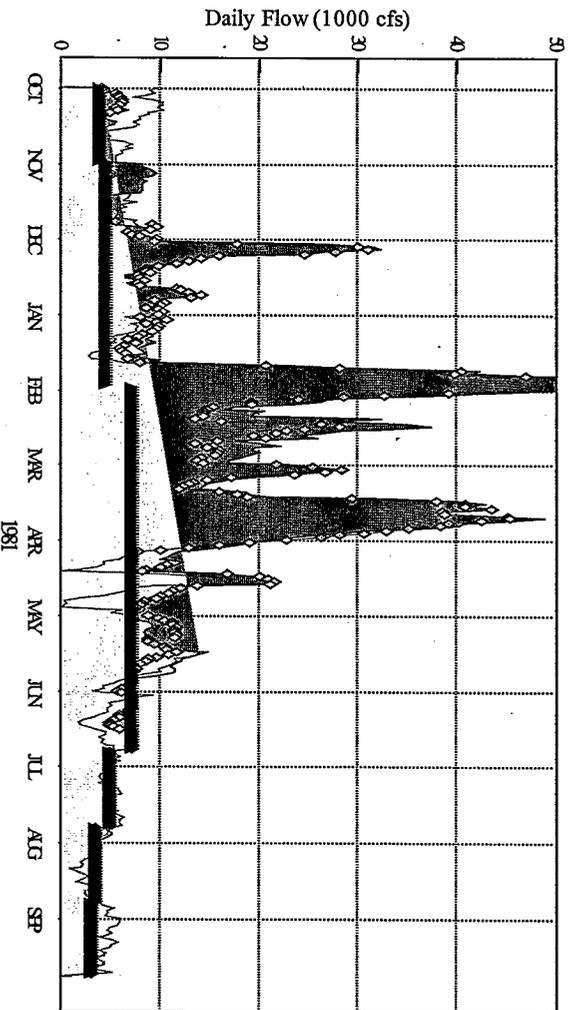
Upstream (b)(2) actions were simulated with the daily reservoir model. The November 1997 storage/inflow matrix was used to approximate upstream AFRP flows. Historic releases were not changed unless the new flow requirements were higher, or unless the specified flood control rule-curve required additional releases. The January 31 change in storage at Shasta and Folsom was about 86 TAF. Additional periods with releases higher than the baseline required a total of 122 TAF (not allowing for credits on days with reduced flows). The upstream (b)(2) accounting was therefore 208 TAF.

In Delta (b)(2) actions were simulated with the daily Delta model, starting with the WQCP baseline. The following graphs indicate the changes from the historic to the WQCP/VAMP baseline, as well as the changes caused by the (b)(2) actions. Only periods with reduced exports from the baseline were included in the accounting. Periods of increased pumping (because San Luis was no longer full in the adjusted case) were not considered as credits.

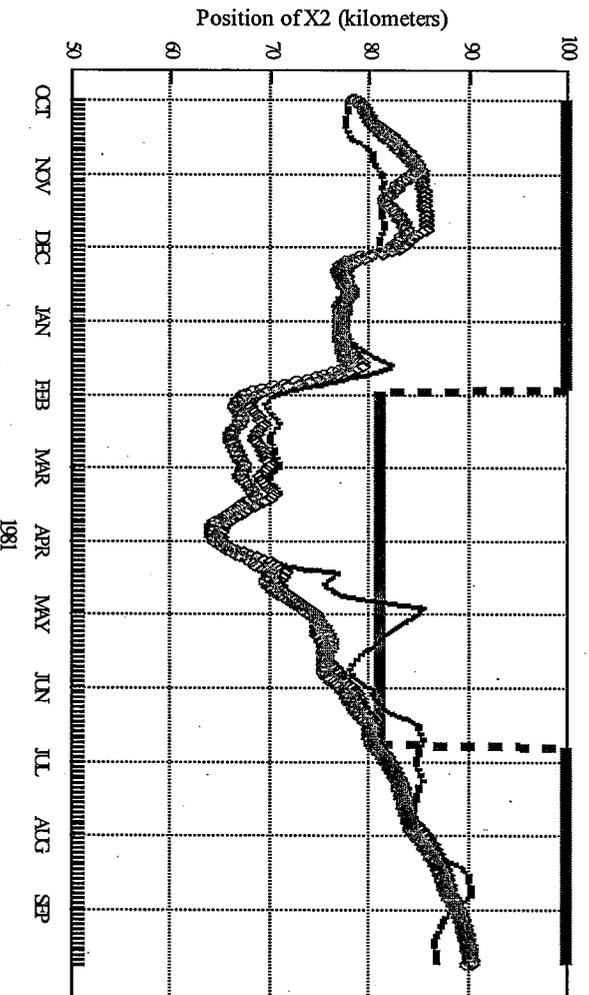
The use of (b)(2) water was: 90 TAF in November, 14 TAF in February, 12 TAF in March, 105 TAF in April and 161 TAF in May. The total use was 382 TAF. A balance of 110 TAF was available for additional (b)(2) management. The water supply conditions were improved during the gaming by reducing releases in April, May and June (corresponding to periods with reduced export pumping, and increased in the July-September period when Banks pumping was increased to 7180 cfs (500 cfs above current permit levels). The total exports increased by 75 TAF from the WQCP/VAMP baseline. The reduction from the D-1485 base would still be 125 TAF.

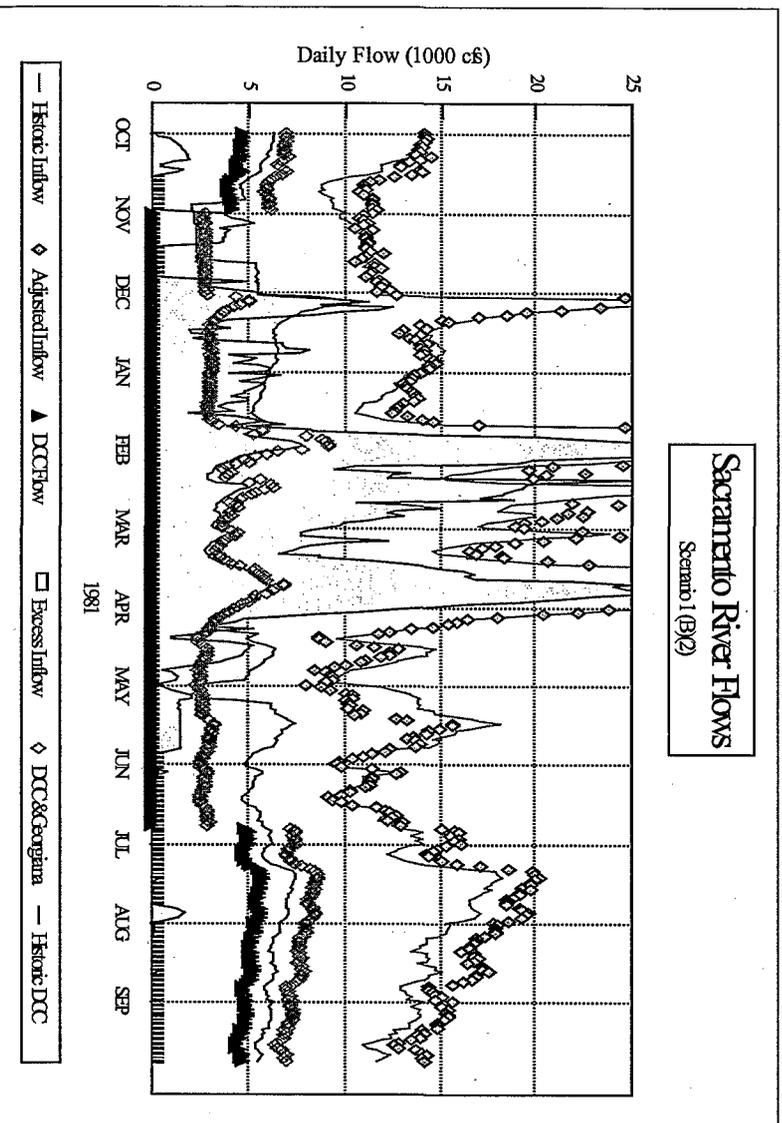
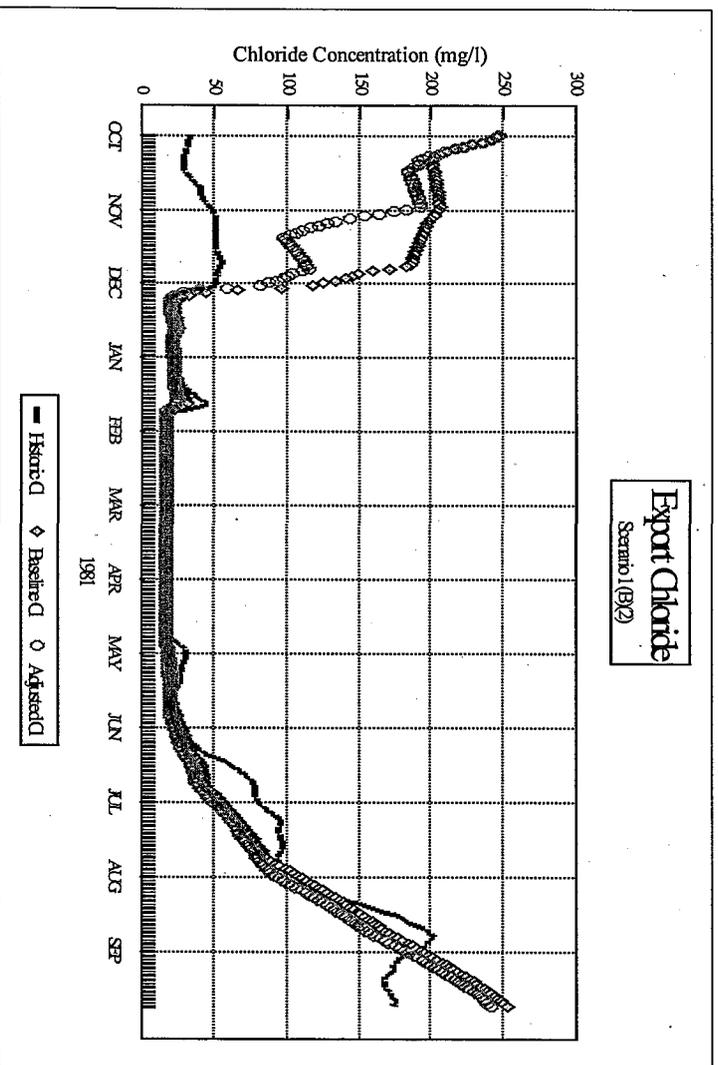


**Delta Outflow Adjustments**  
Scenario 1 (B)(2)



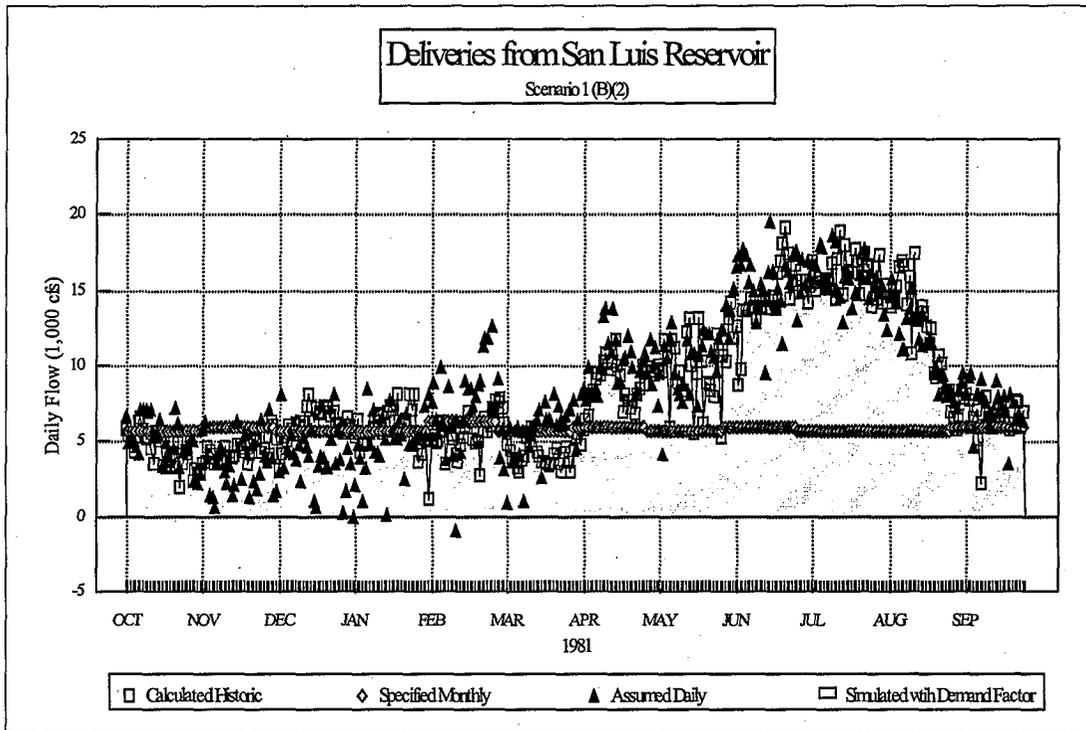
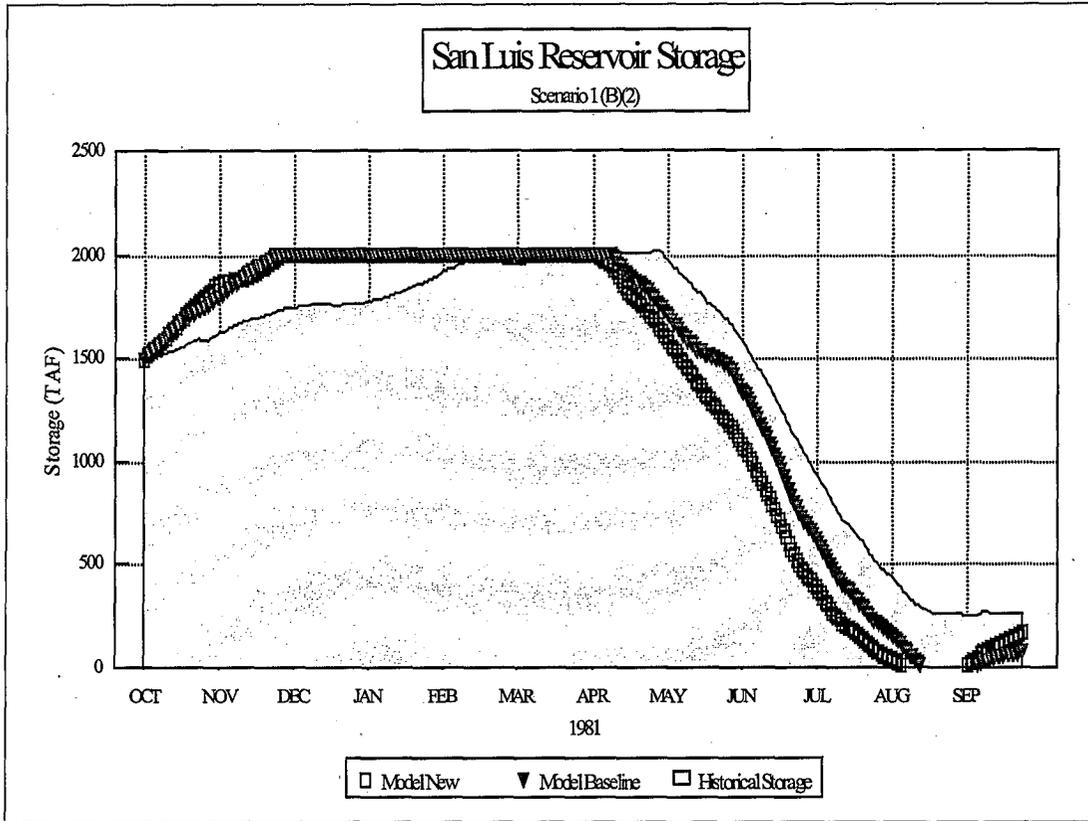
**Delta X2 Position**  
Scenario 1 (B)(2)

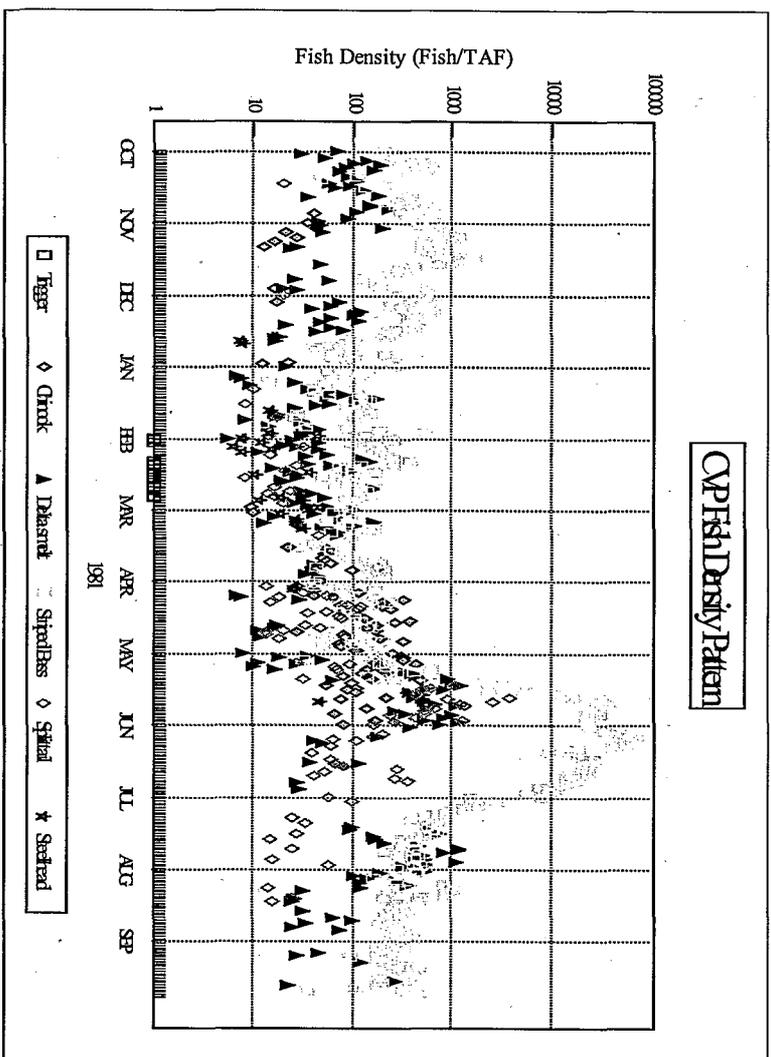
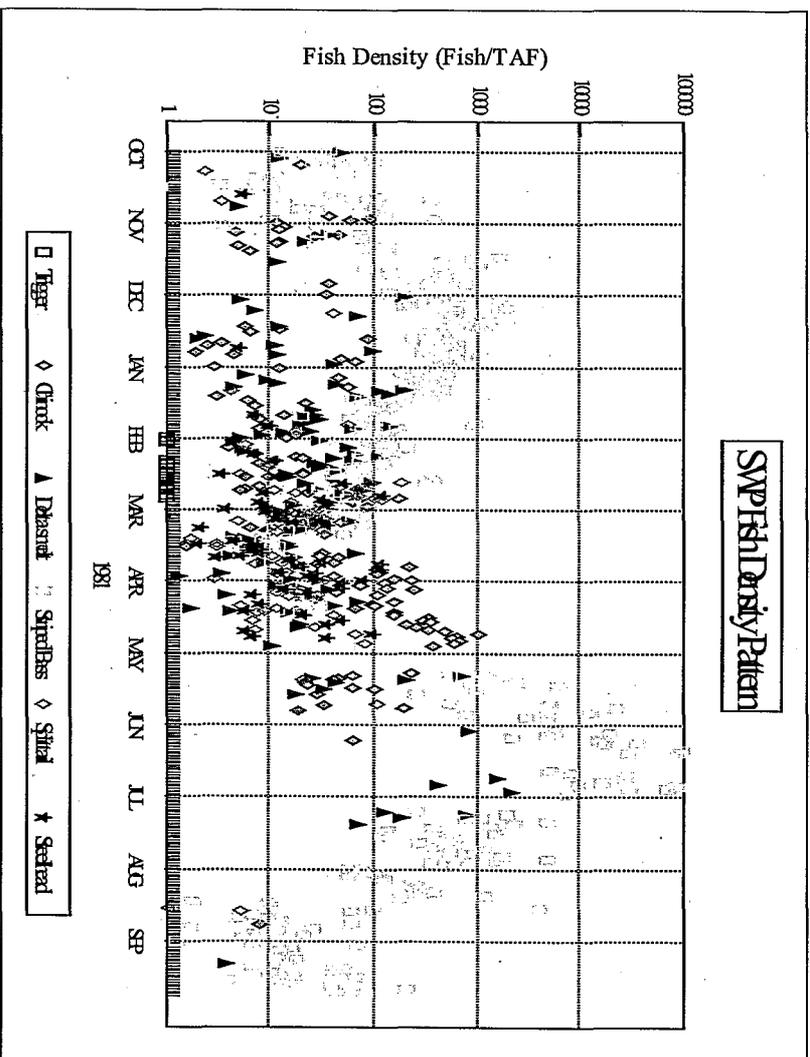




D-062249

D-062249





D-062251

D-062251

