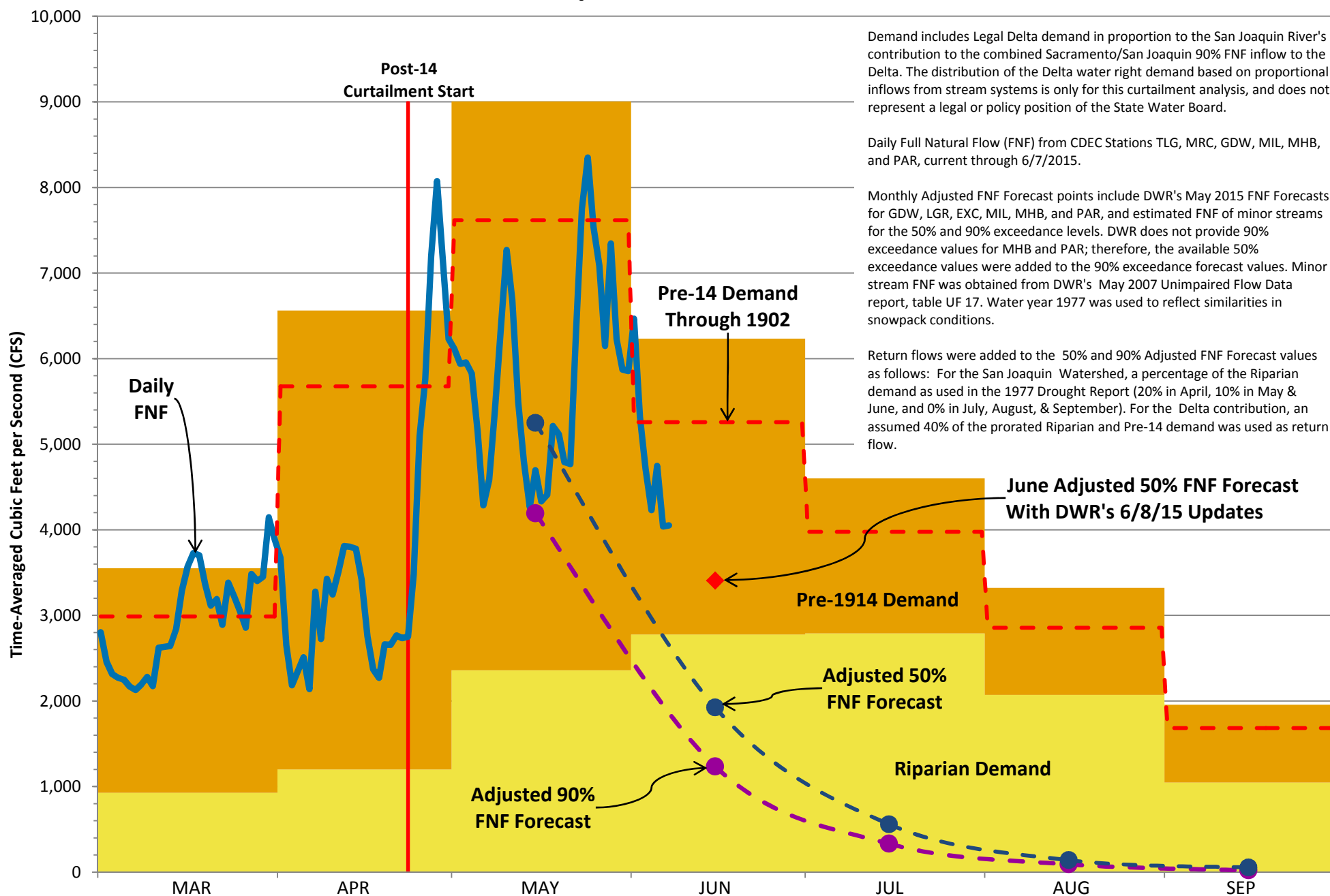


2015 San Joaquin River Basin Senior Supply/Demand Analysis With Proportional Delta Demand



Demand includes Legal Delta demand in proportion to the San Joaquin River's contribution to the combined Sacramento/San Joaquin 90% FNF inflow to the Delta. The distribution of the Delta water right demand based on proportional inflows from stream systems is only for this curtailment analysis, and does not represent a legal or policy position of the State Water Board.

Daily Full Natural Flow (FNF) from CDEC Stations TLG, MRC, GDW, MIL, MHB, and PAR, current through 6/7/2015.

Monthly Adjusted FNF Forecast points include DWR's May 2015 FNF Forecasts for GDW, LGR, EXC, MIL, MHB, and PAR, and estimated FNF of minor streams for the 50% and 90% exceedance levels. DWR does not provide 90% exceedance values for MHB and PAR; therefore, the available 50% exceedance values were added to the 90% exceedance forecast values. Minor stream FNF was obtained from DWR's May 2007 Unimpaired Flow Data report, table UF 17. Water year 1977 was used to reflect similarities in snowpack conditions.

Return flows were added to the 50% and 90% Adjusted FNF Forecast values as follows: For the San Joaquin Watershed, a percentage of the Riparian demand as used in the 1977 Drought Report (20% in April, 10% in May & June, and 0% in July, August, & September). For the Delta contribution, an assumed 40% of the prorated Riparian and Pre-14 demand was used as return flow.