

**DON PEDRO HYDROELECTRIC PROJECT
FERC NO. 2299**

FINAL LICENSE APPLICATION

**EXHIBIT B – DON PEDRO PROJECT OPERATIONS AND RESOURCE
UTILIZATION**

**APPENDIX B-5
BASE CASE CONDITIONS 1971-2012**

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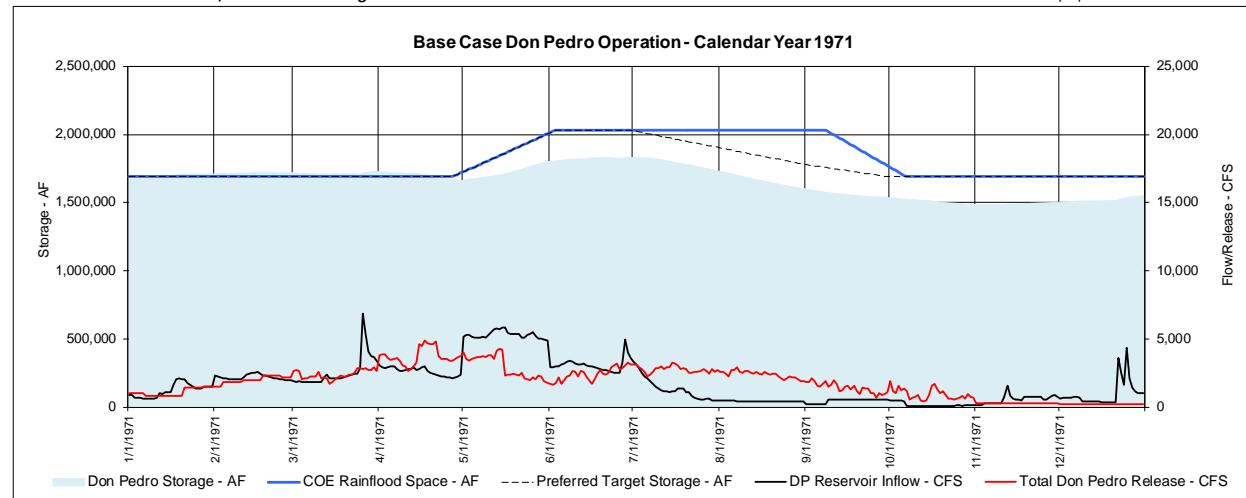
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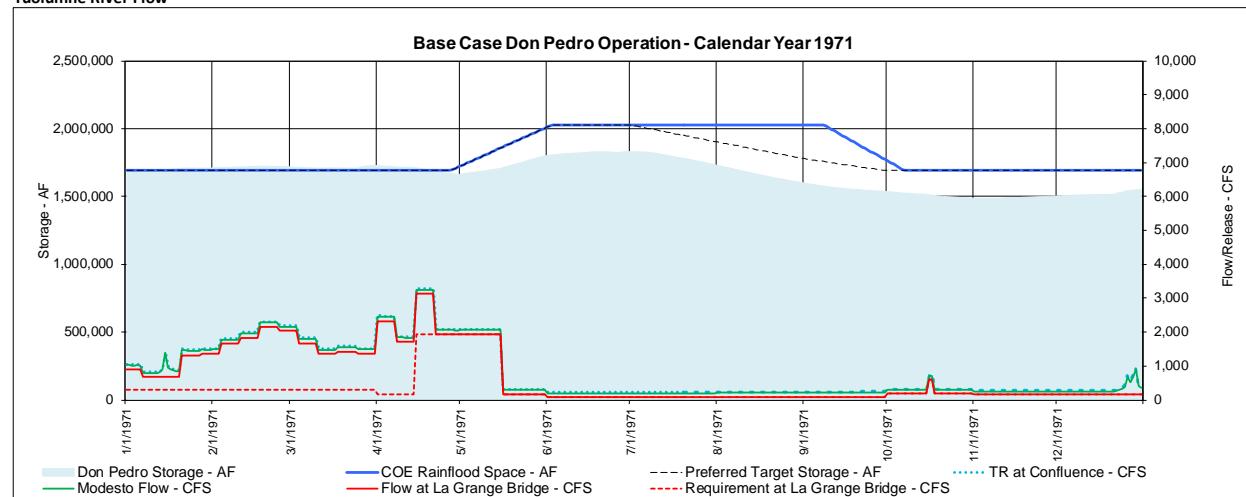
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Tuolumne River Daily Operations Model Version 3.00



Tuolumne River Flow



Districts' Canals

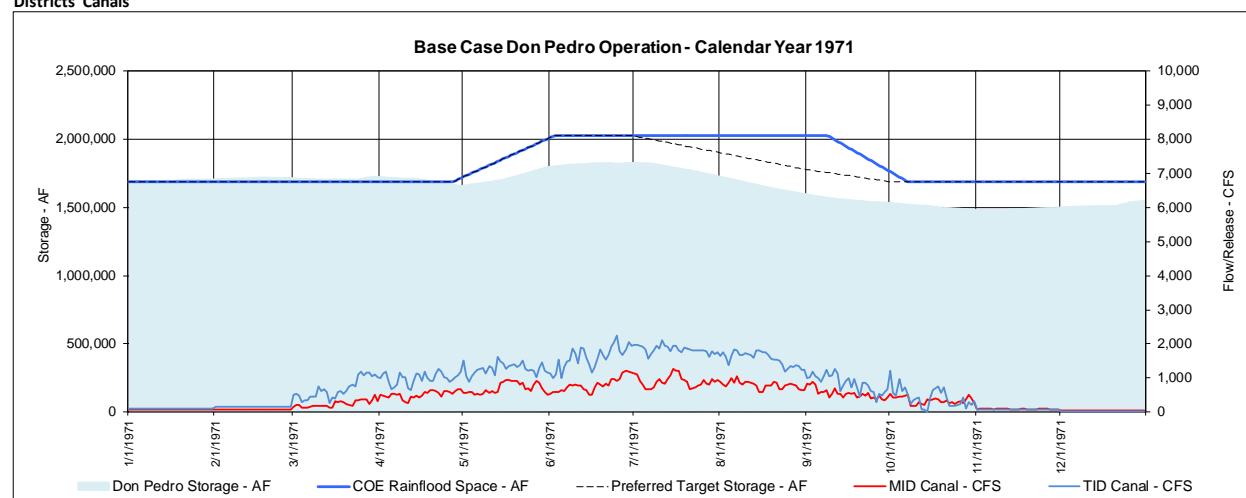
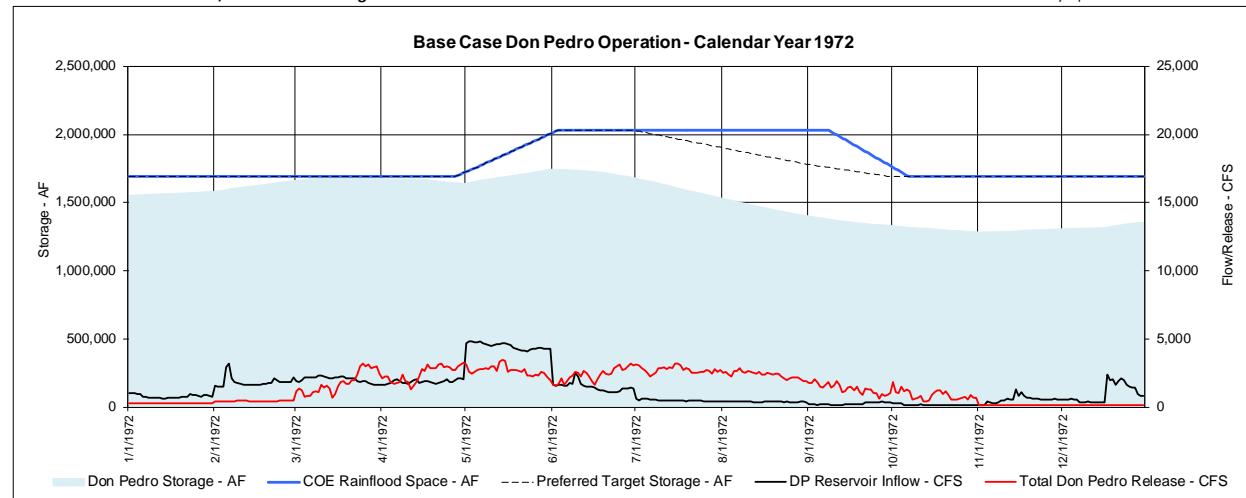


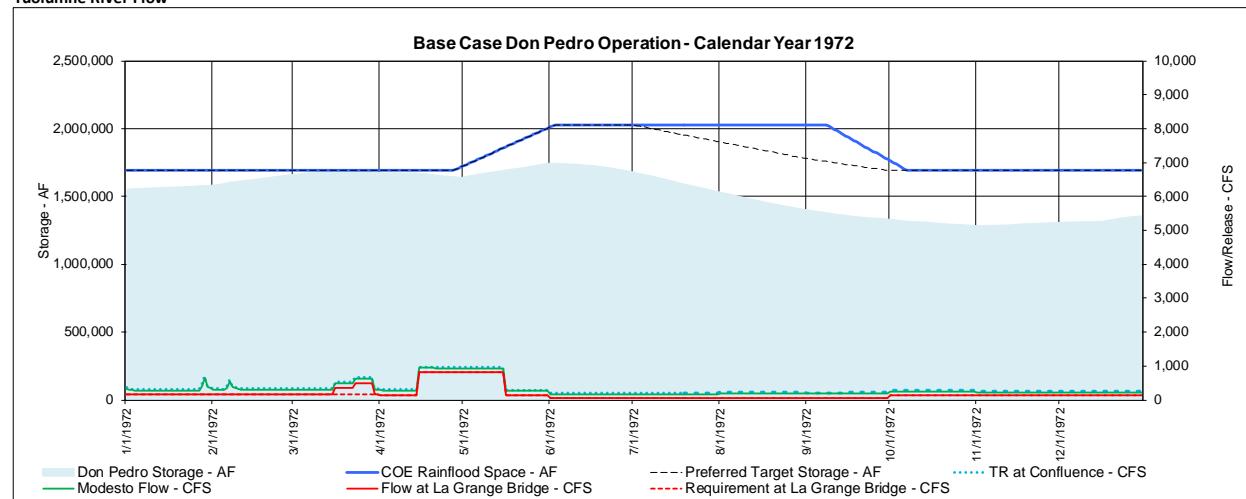
Figure B-1. Base case conditions – calendar year 1971 (Source: Version 3.00 of the Tuolumne River Operations Model).

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Tuolumne River Flow



Districts' Canals

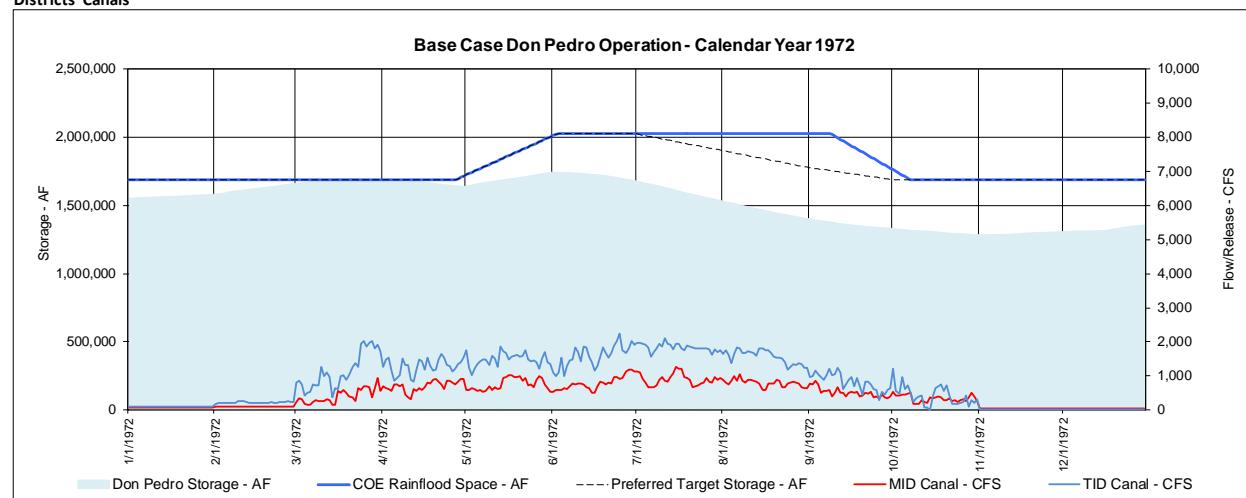
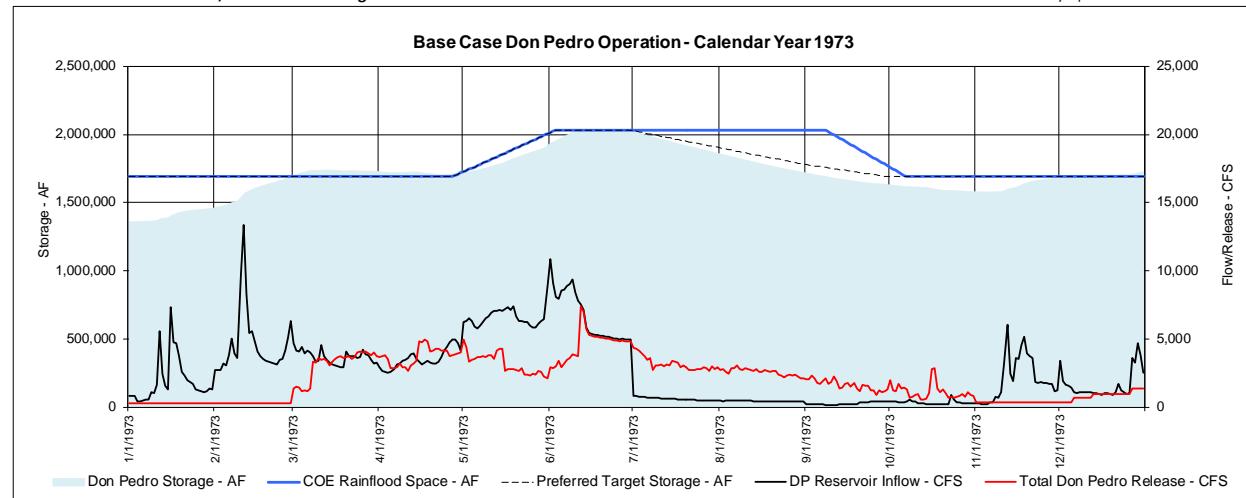


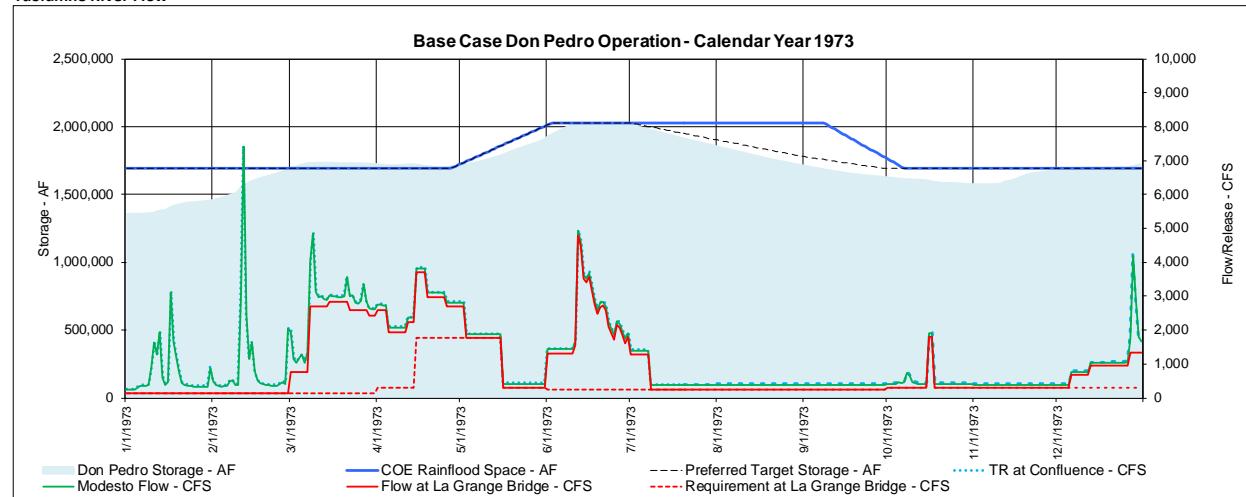
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Tuolumne River Flow



Districts' Canals

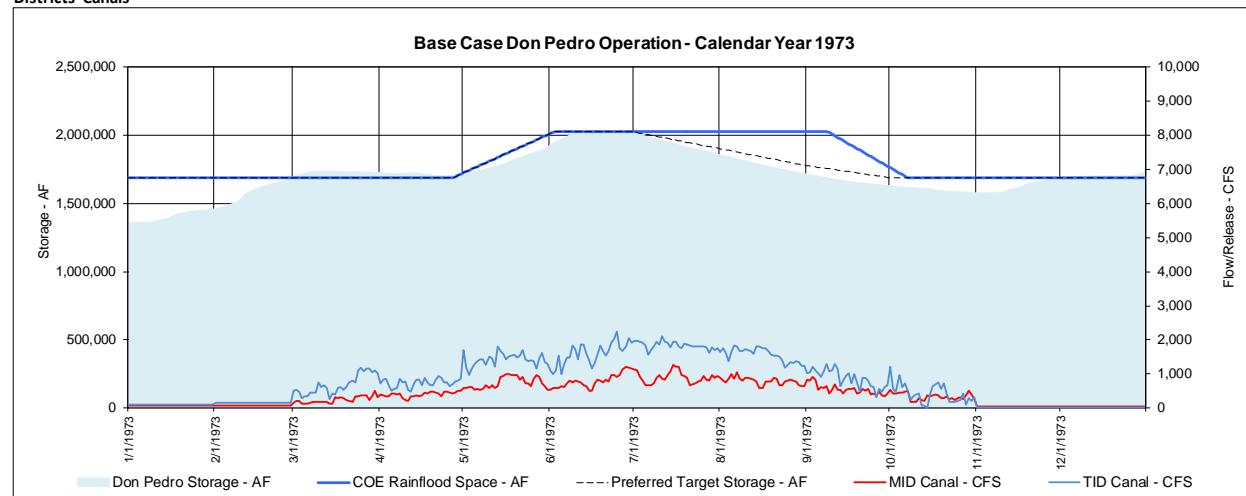
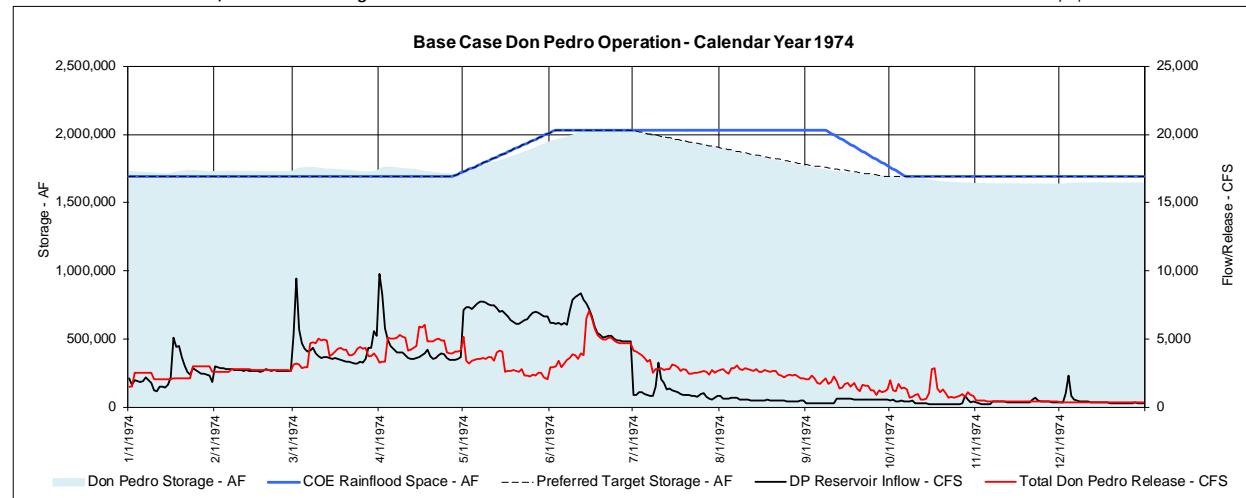


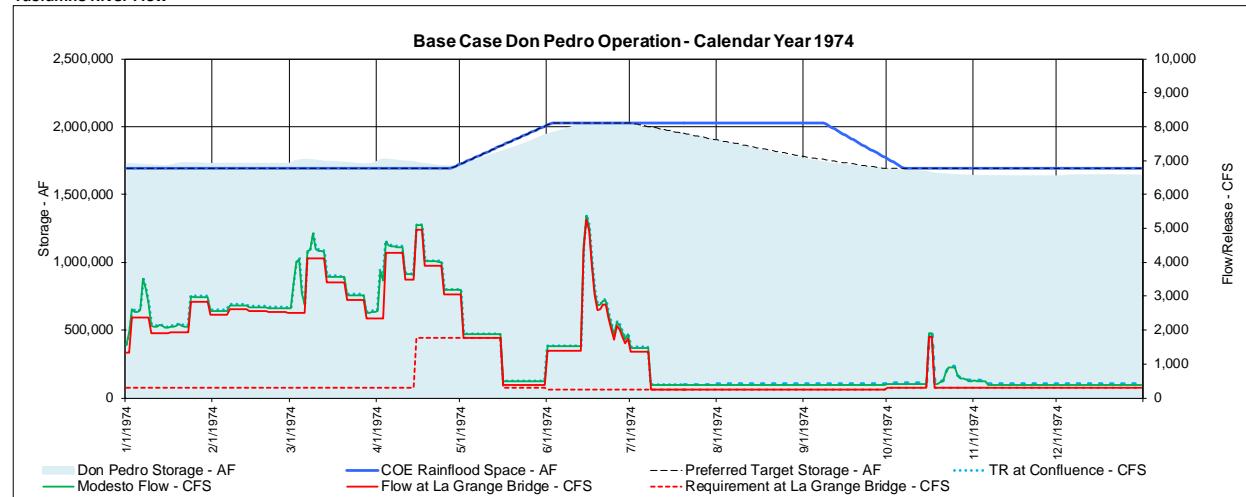
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Tuolumne River Flow



Districts' Canals

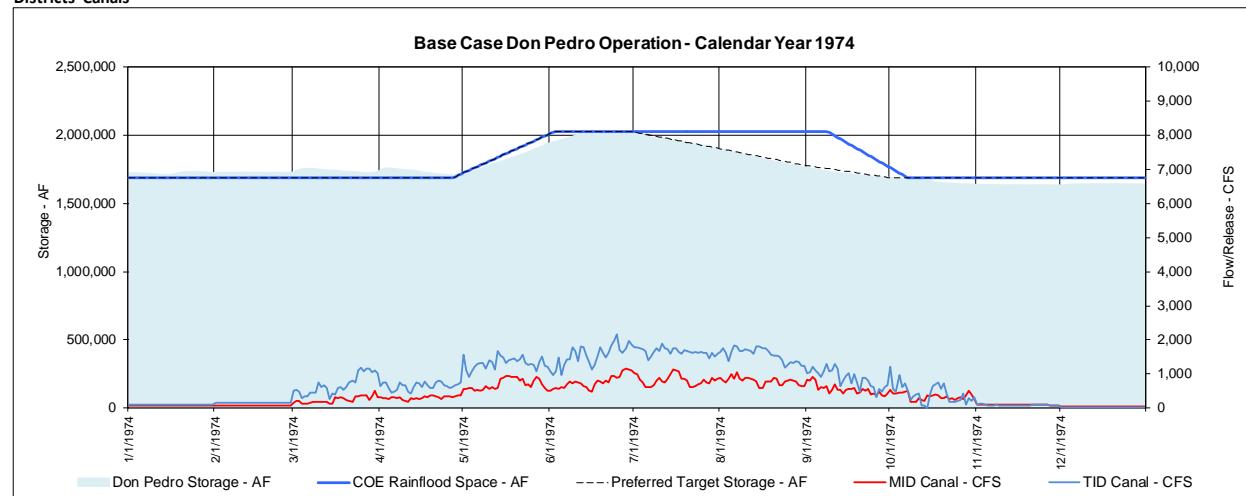
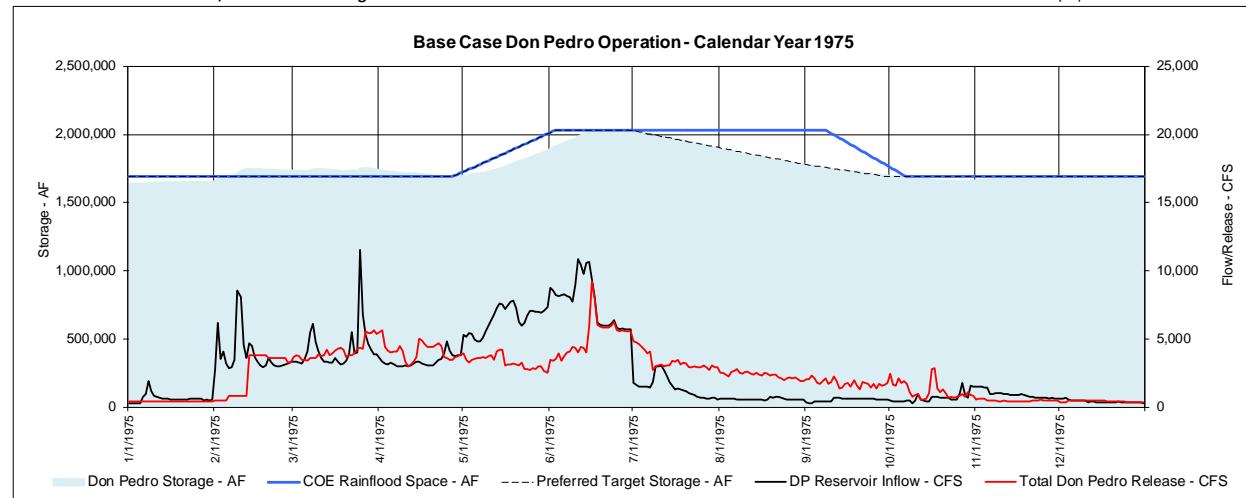


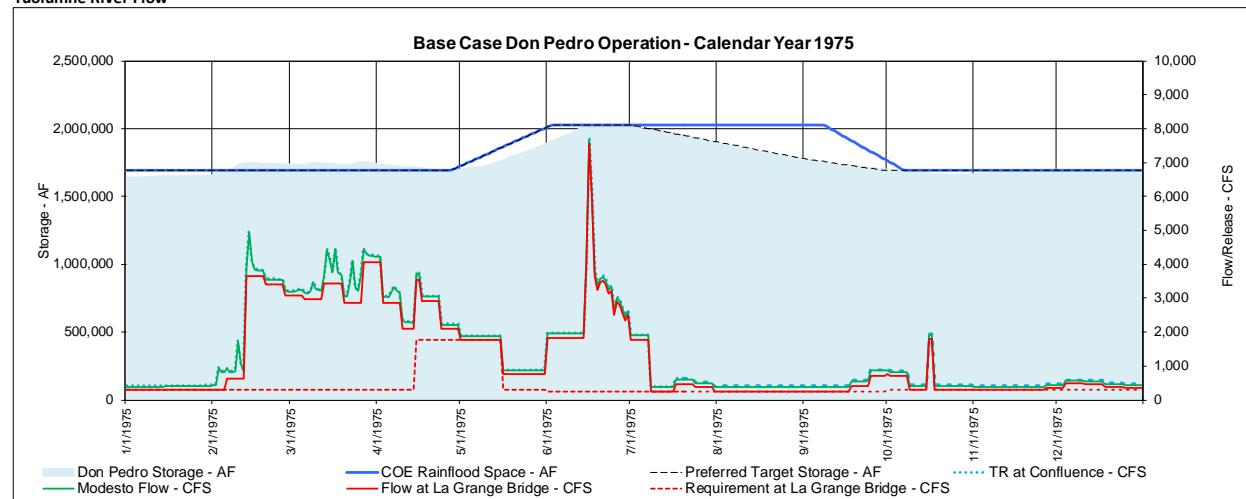
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Tuolumne River Flow



Districts' Canals

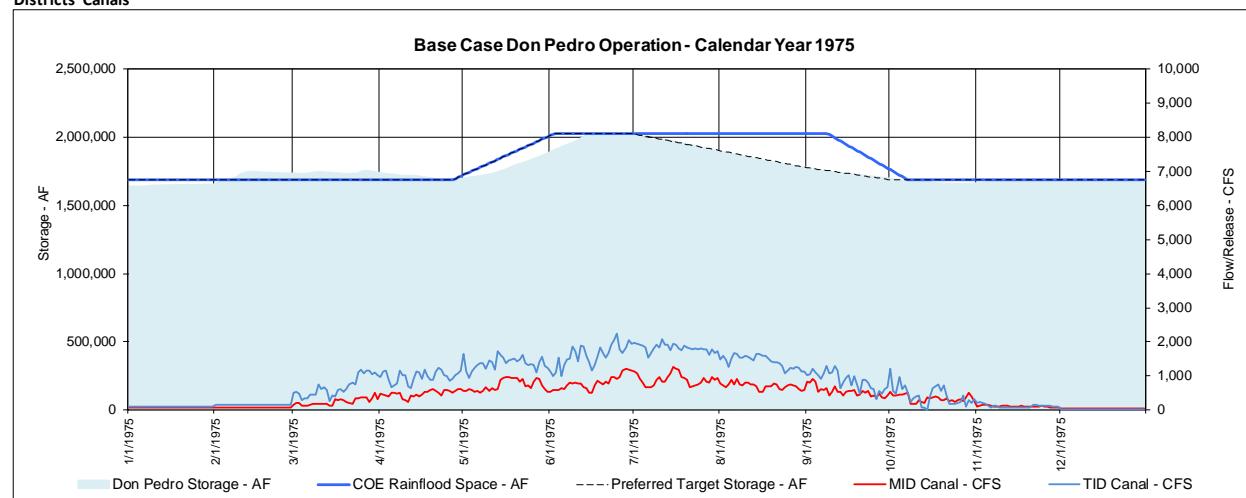
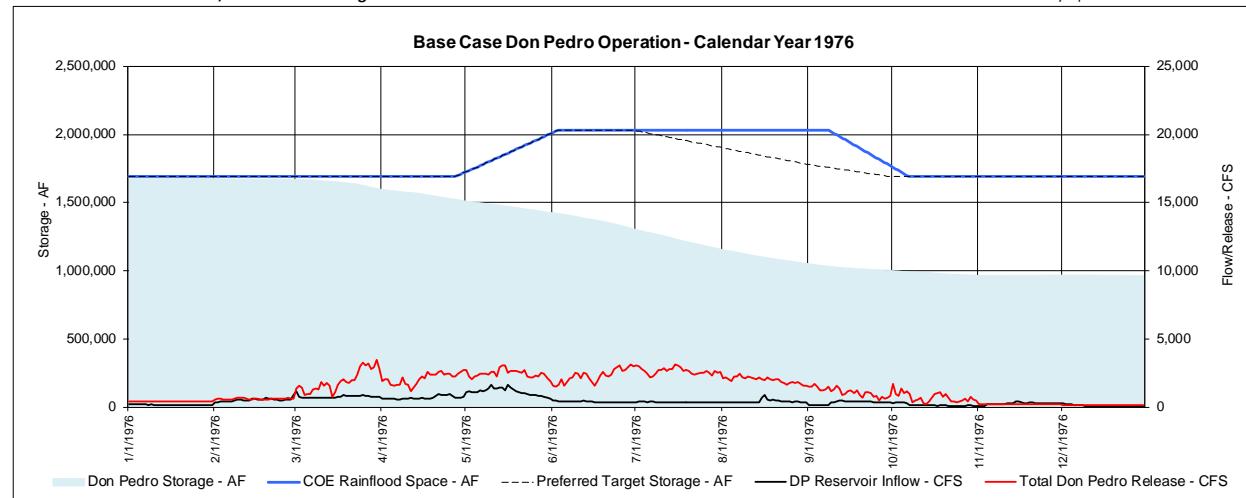


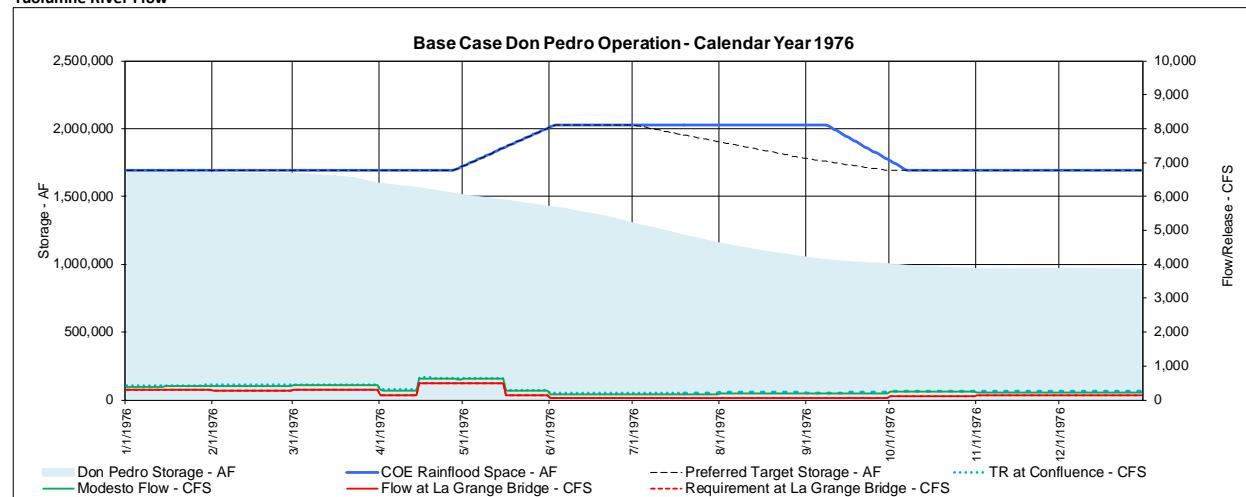
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Tuolumne River Flow



Districts' Canals

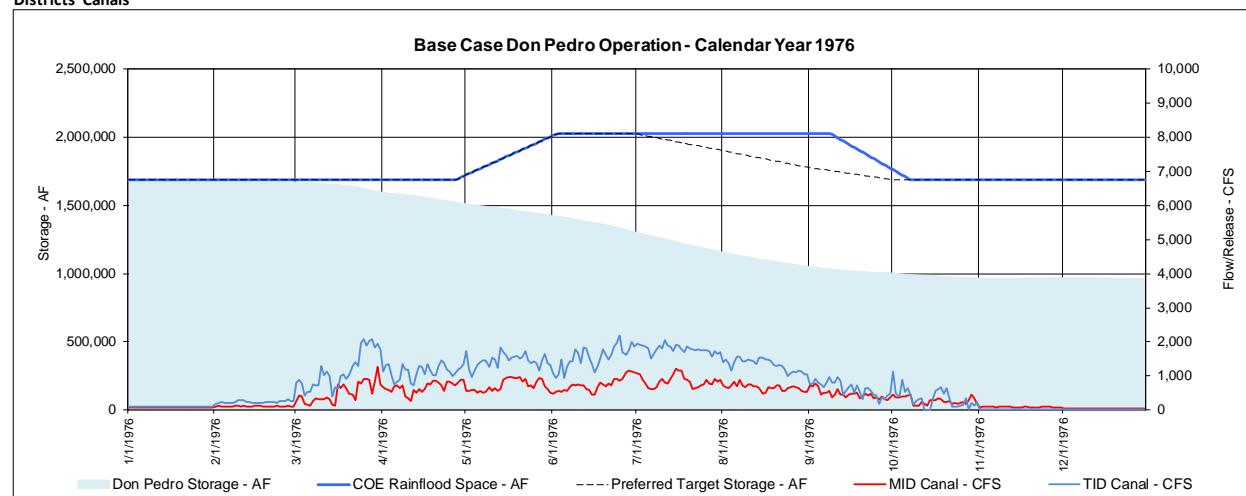
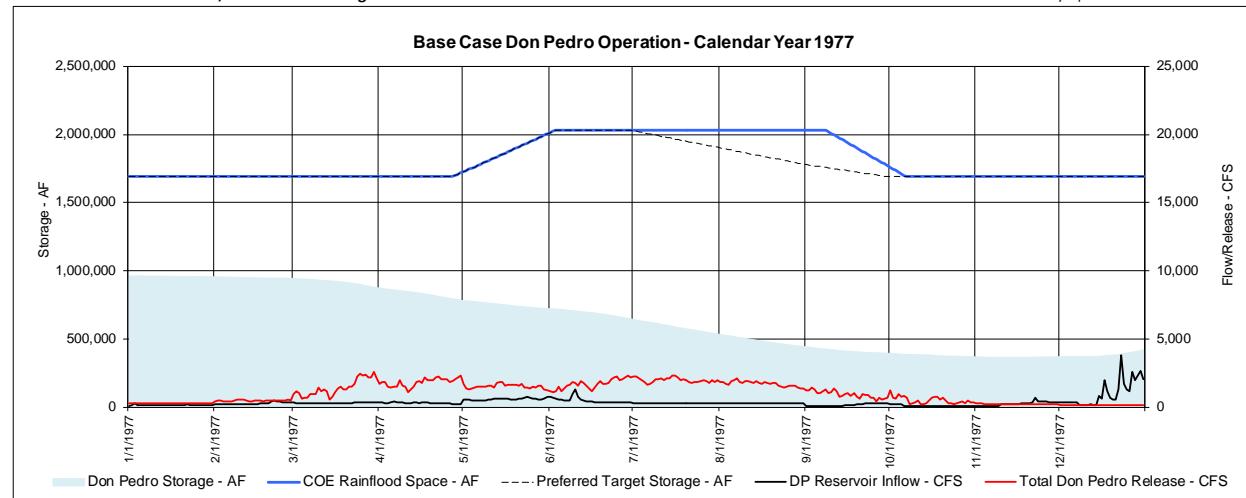


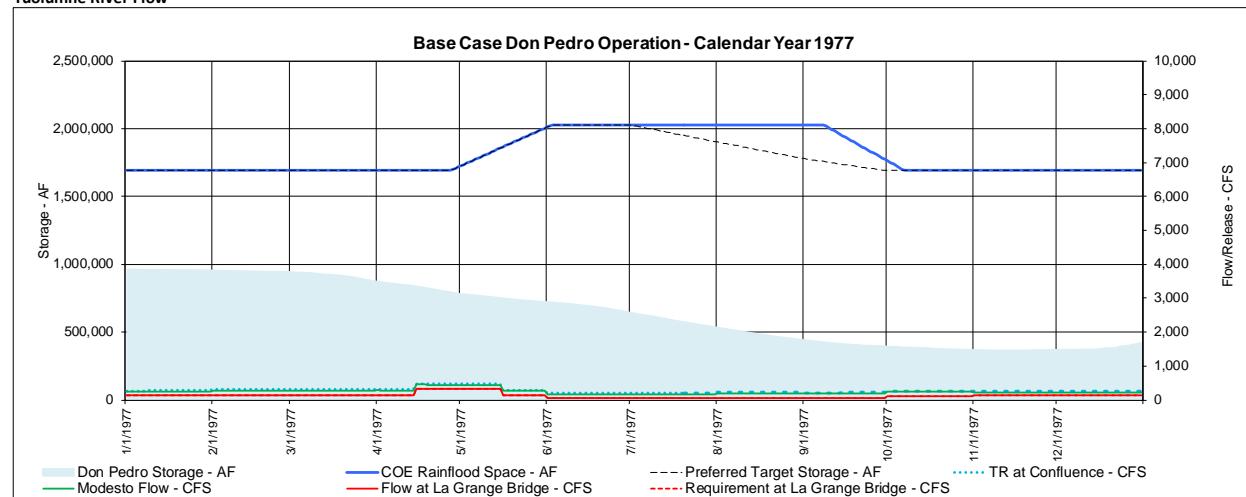
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Tuolumne River Flow



Districts' Canals

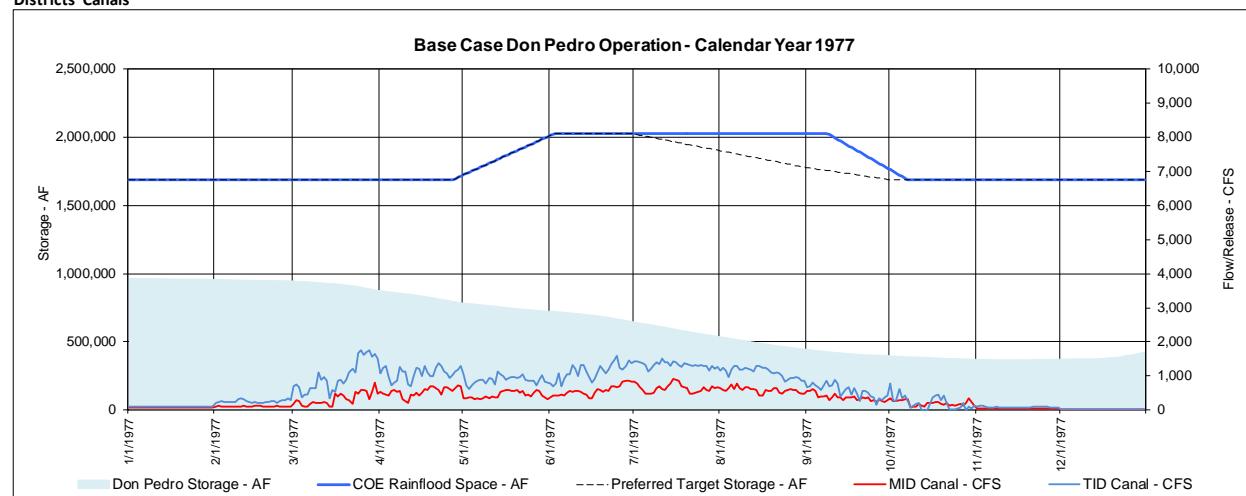
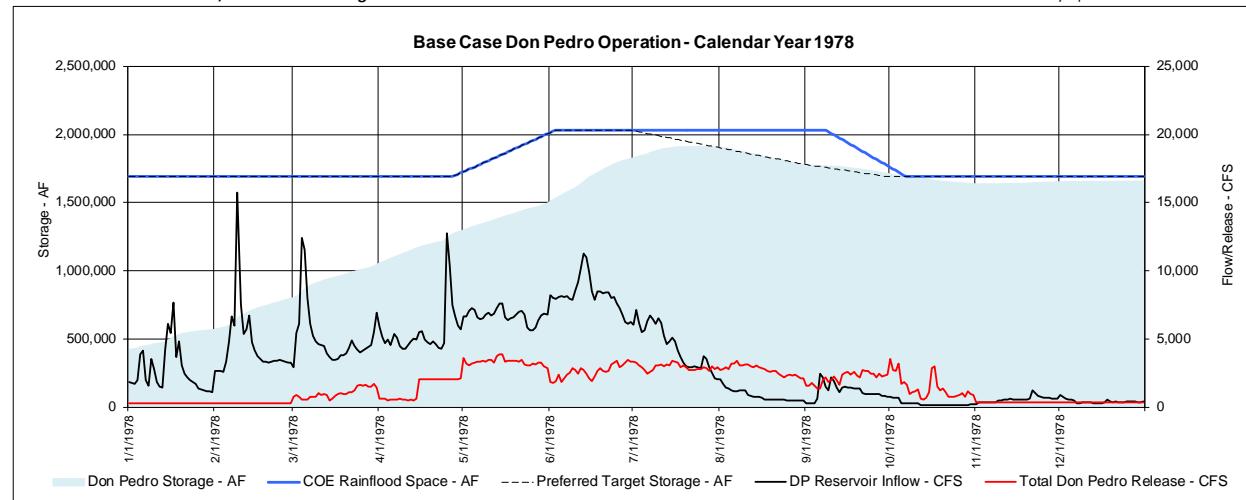


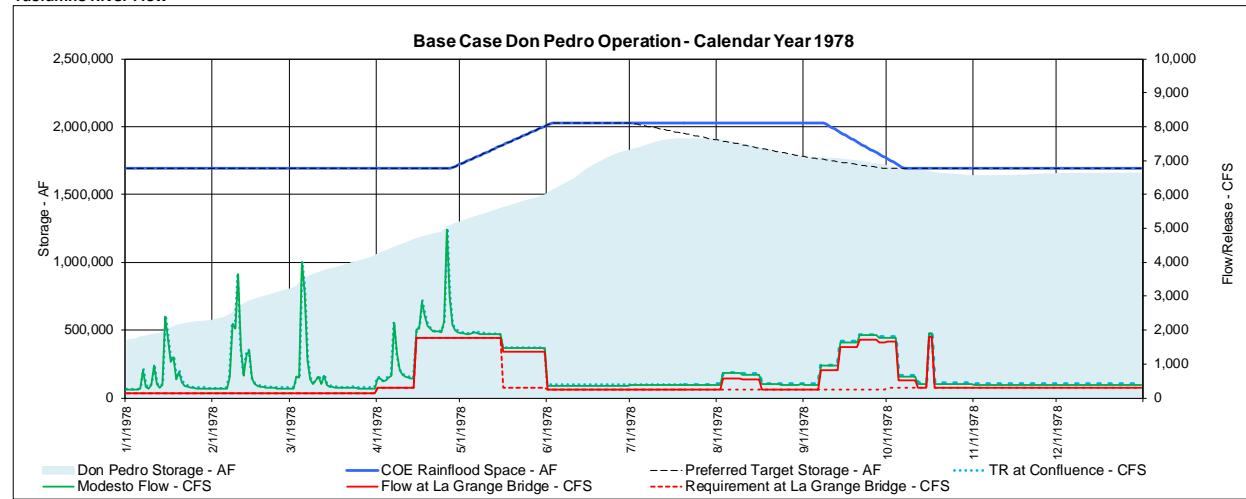
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Tuolumne River Flow



Districts' Canals

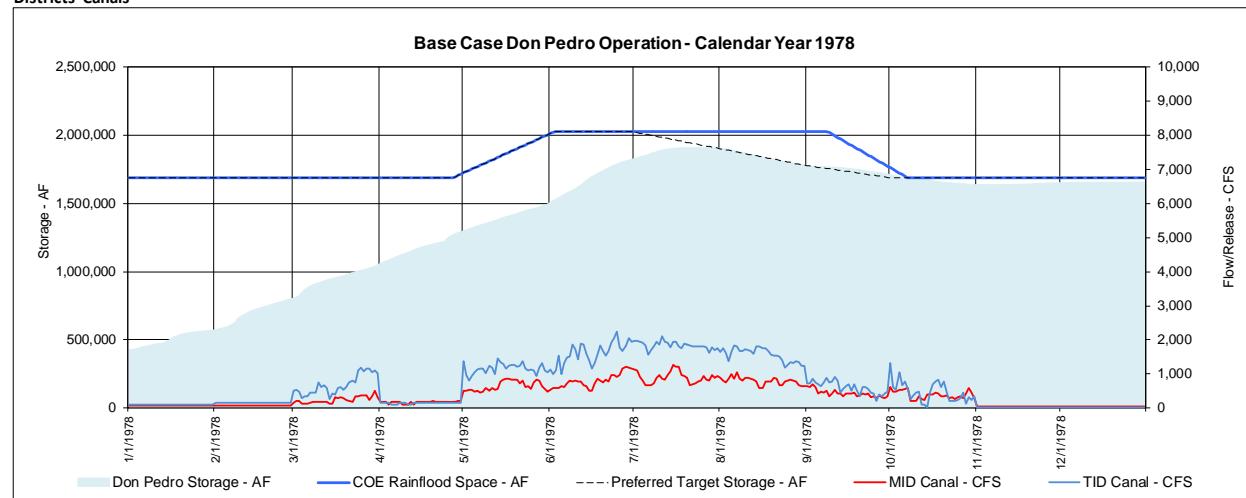
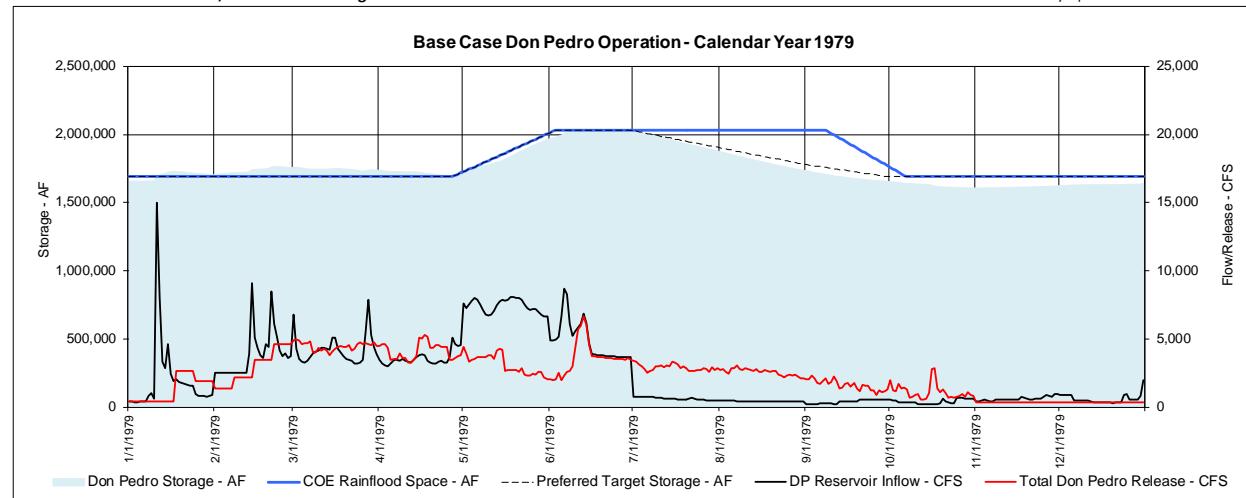


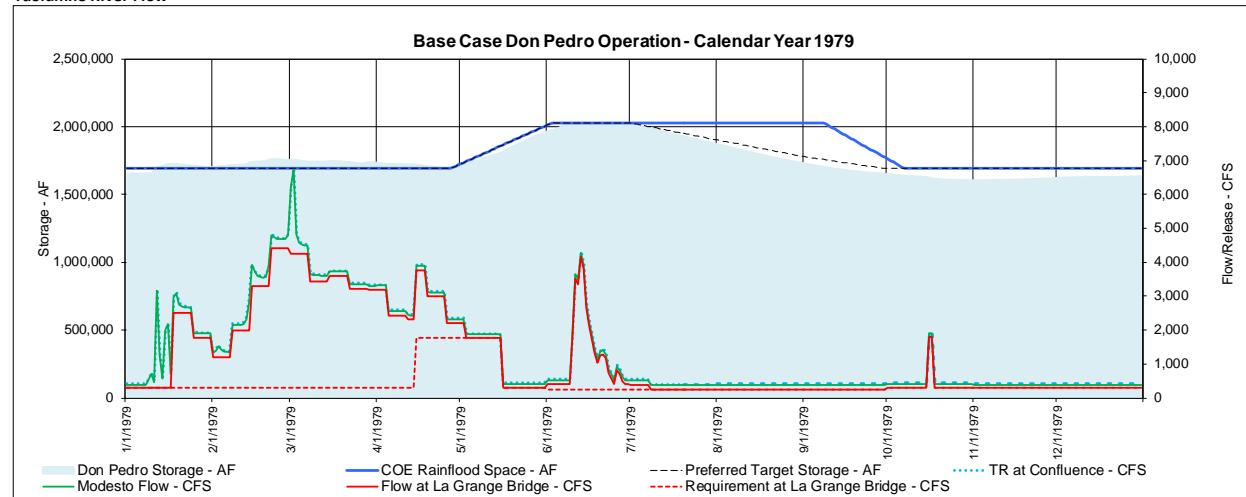
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Tuolumne River Flow



Districts' Canals

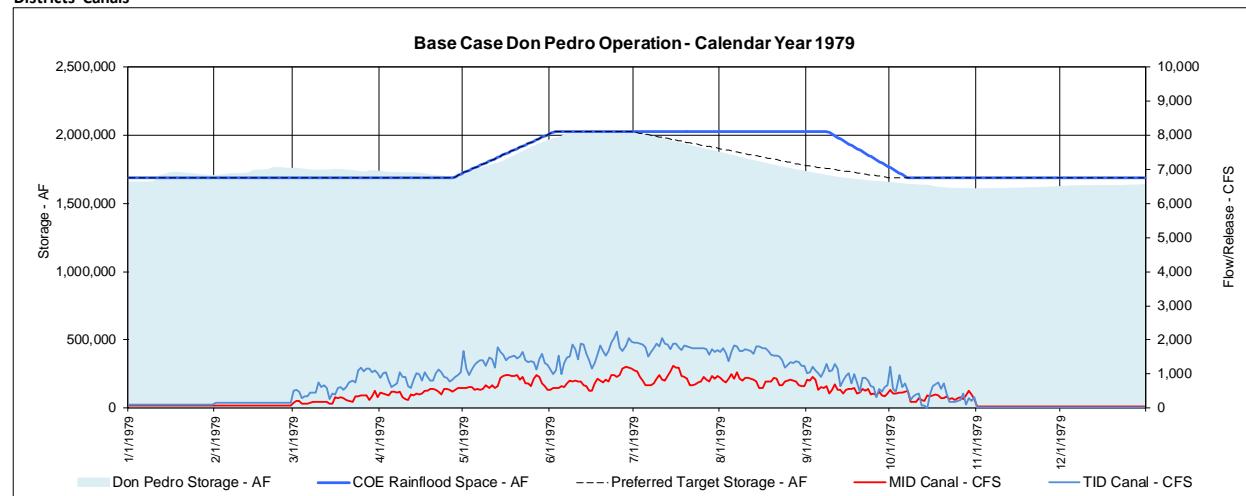


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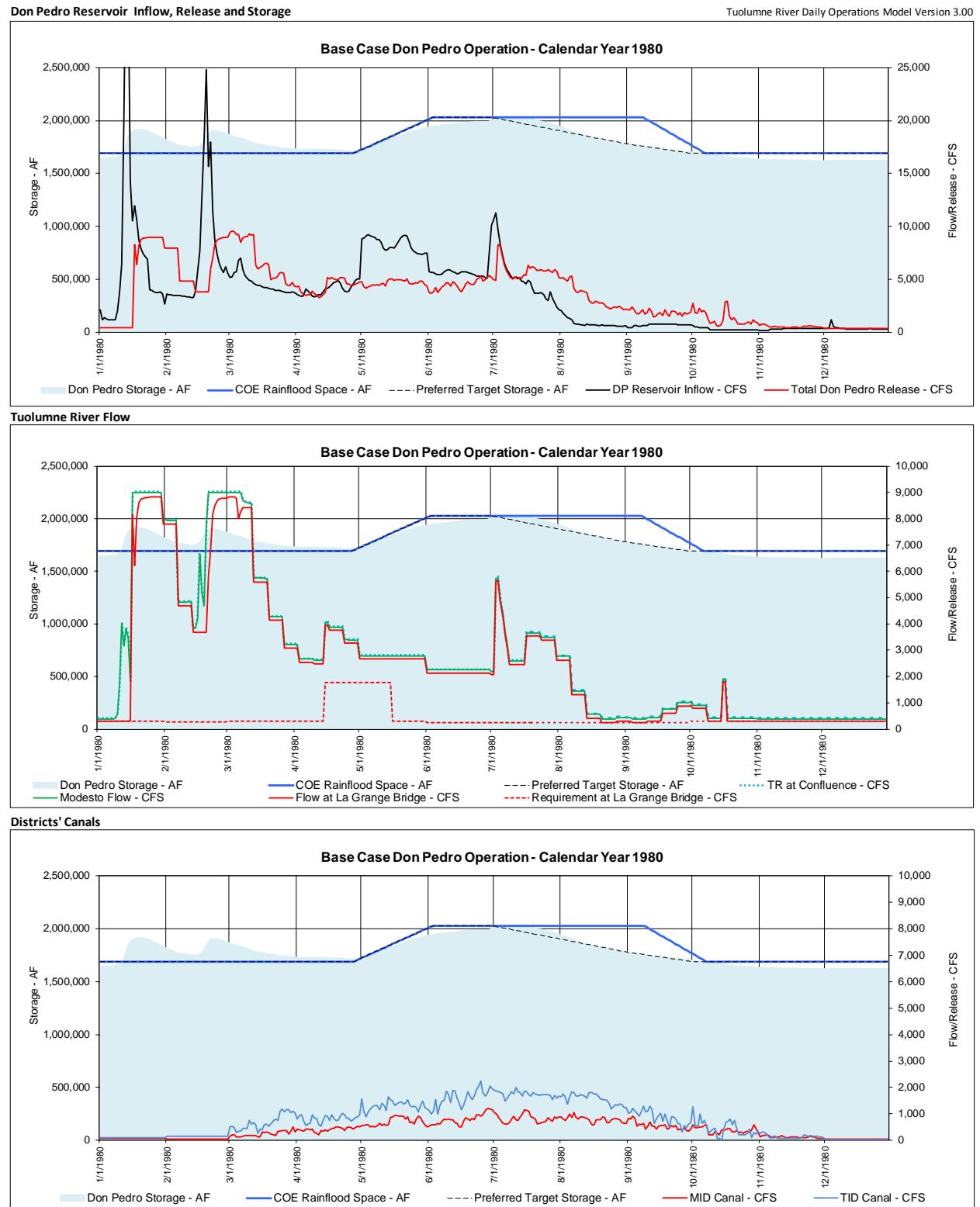
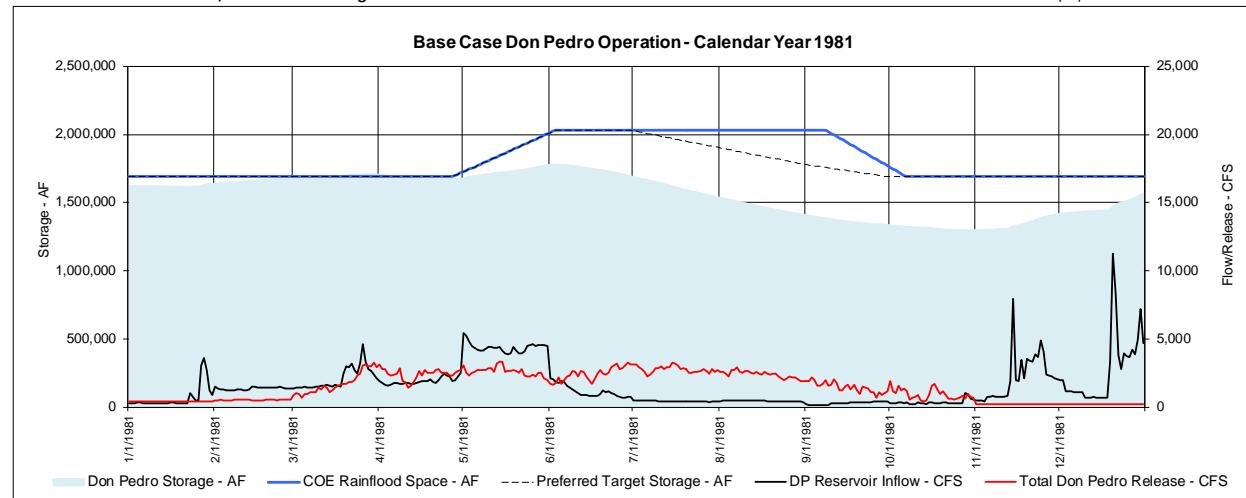


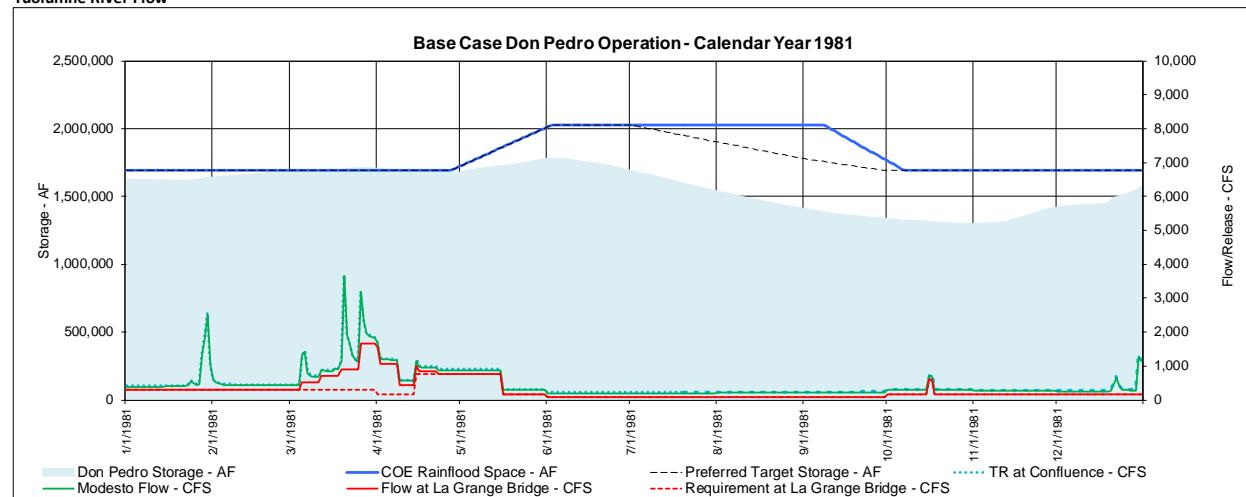
Figure B-10. Base case conditions – calendar year 1980 (Source: Version 3.00 of the Tuolumne River Operations Model).

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Tuolumne River Flow



Districts' Canals

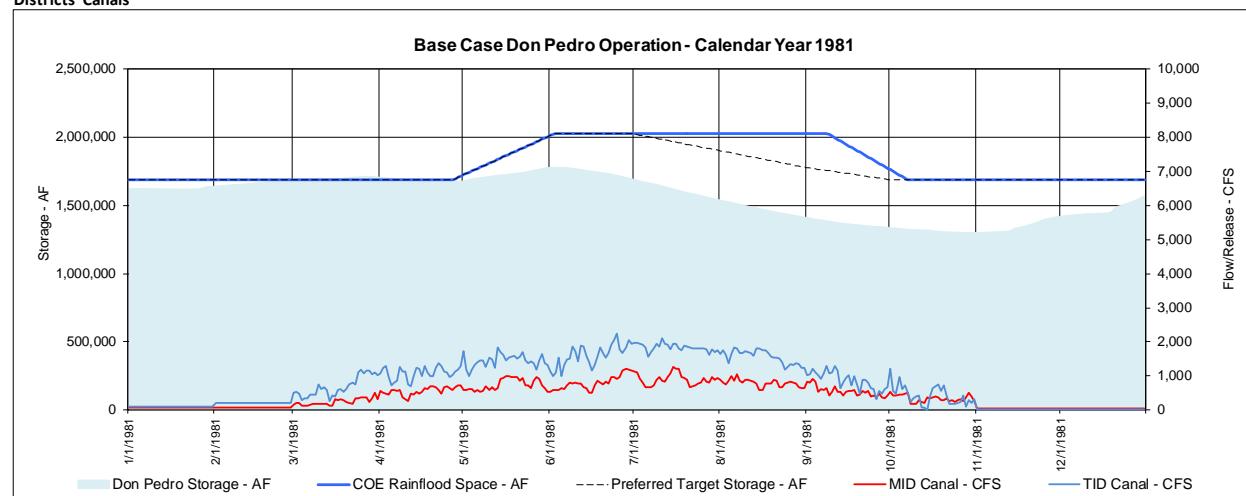
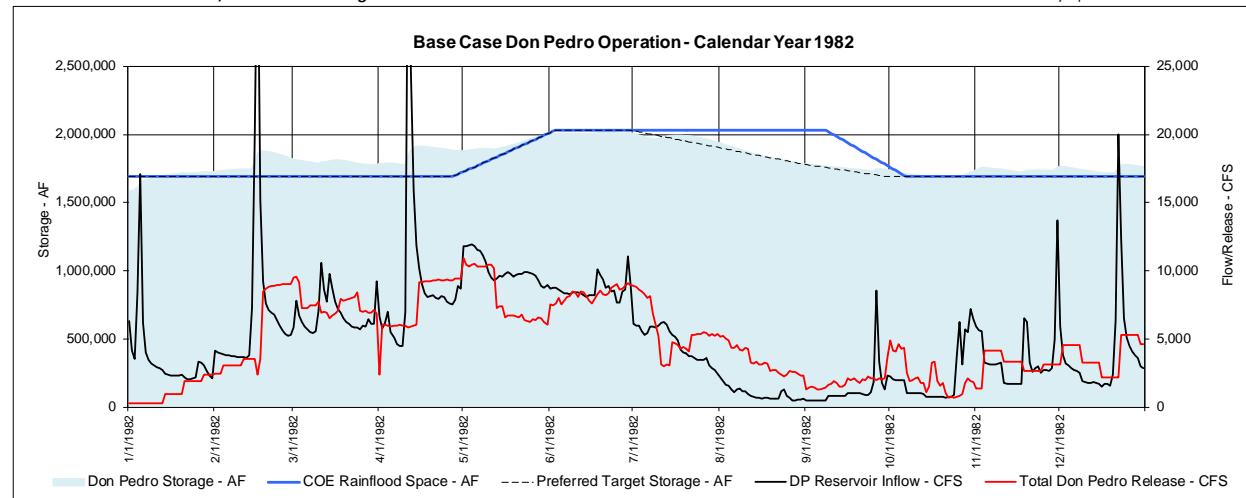


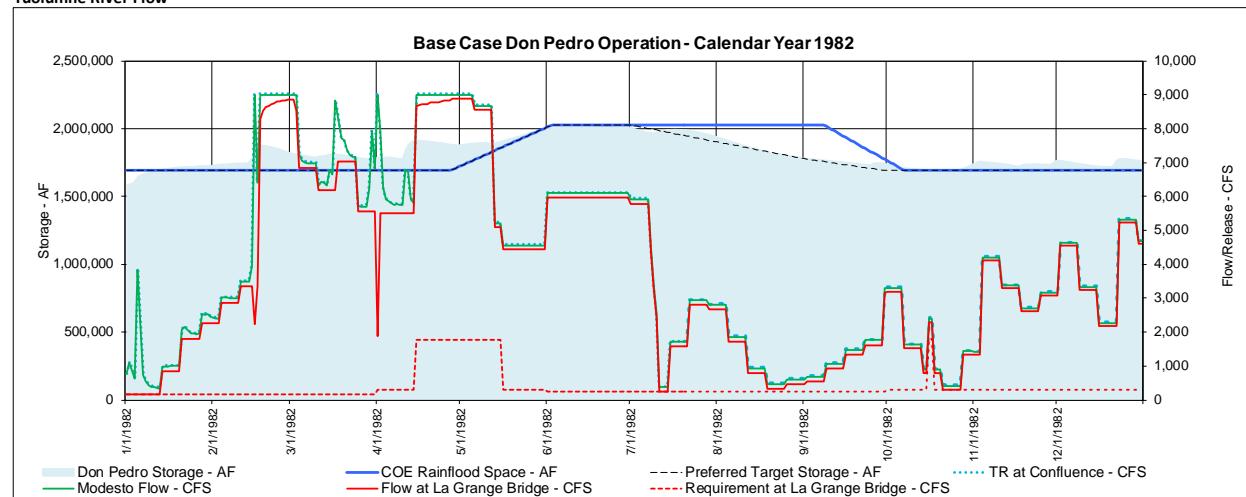
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Tuolumne River Flow



Districts' Canals

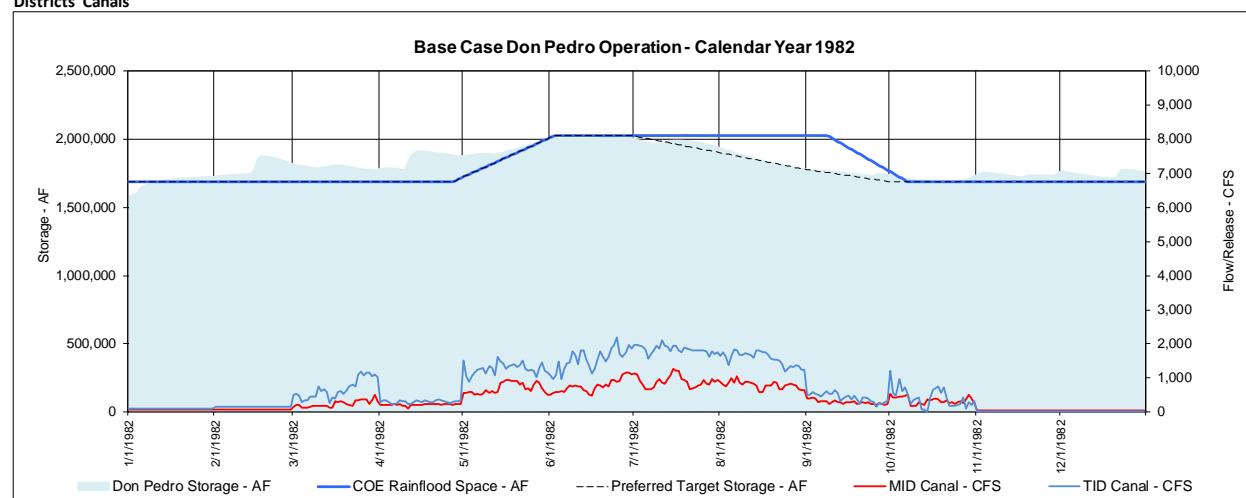
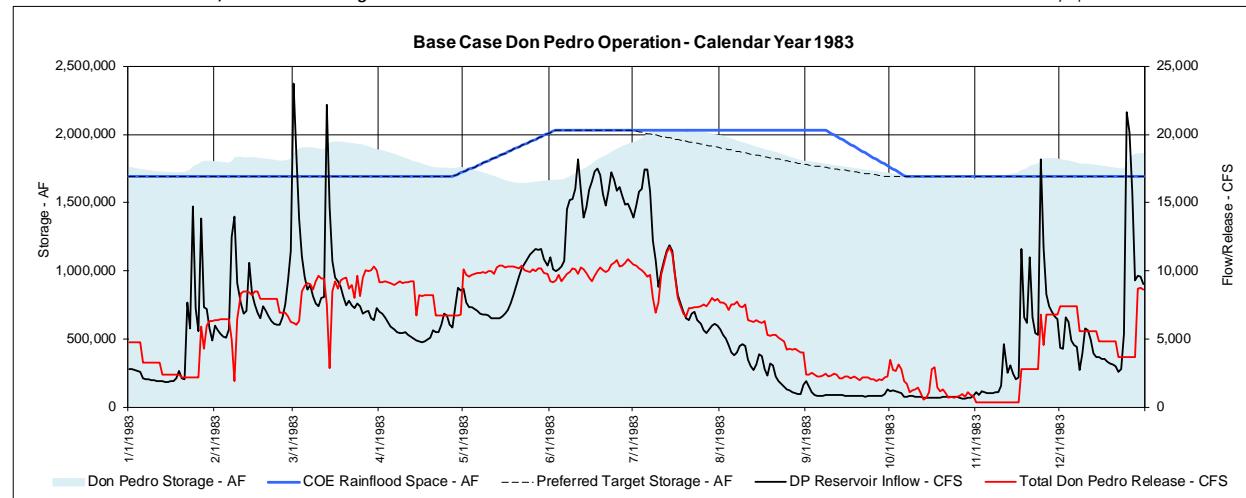


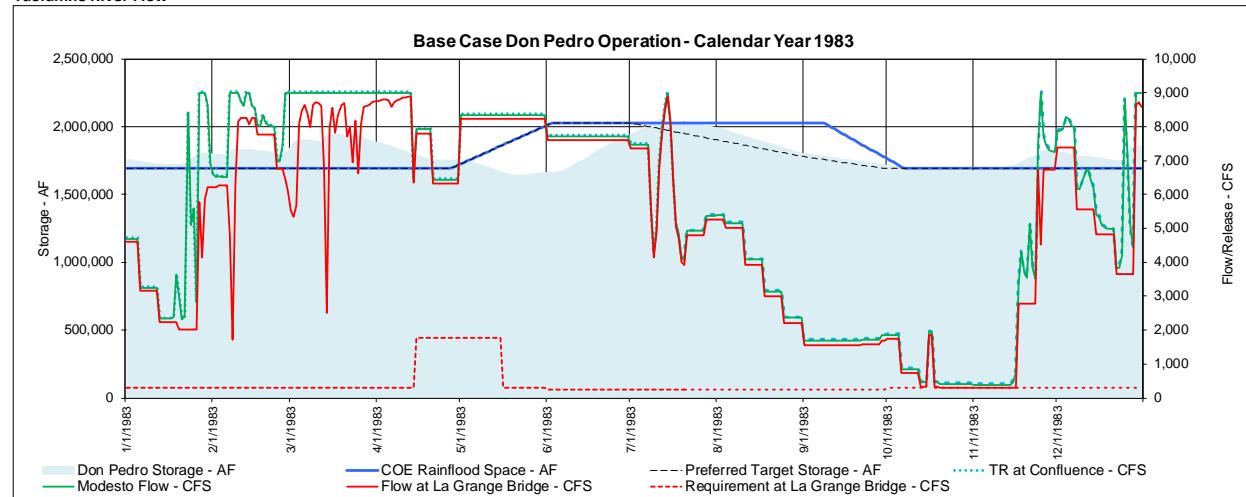
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Tuolumne River Flow



Districts' Canals

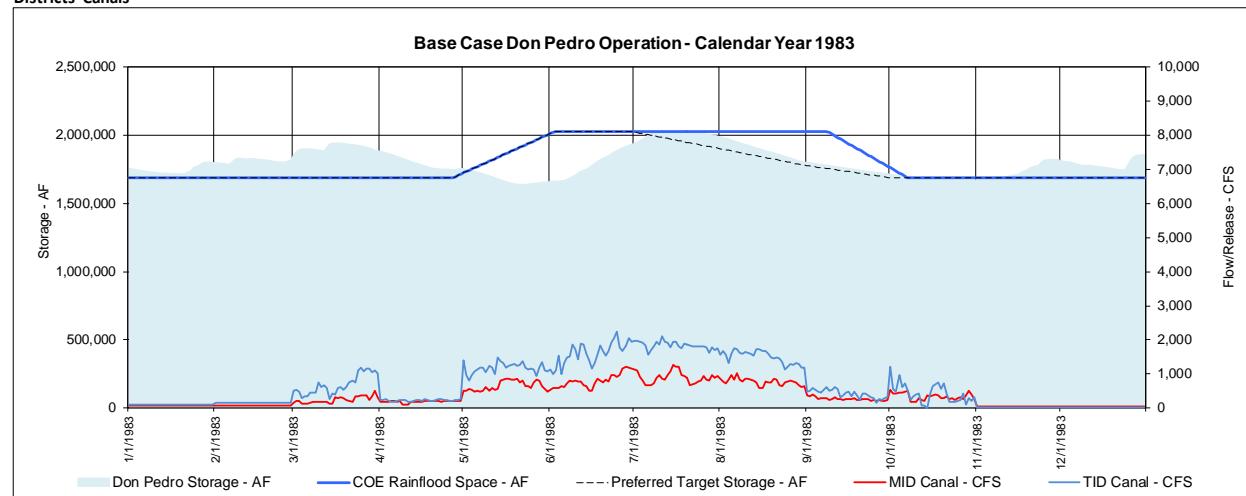


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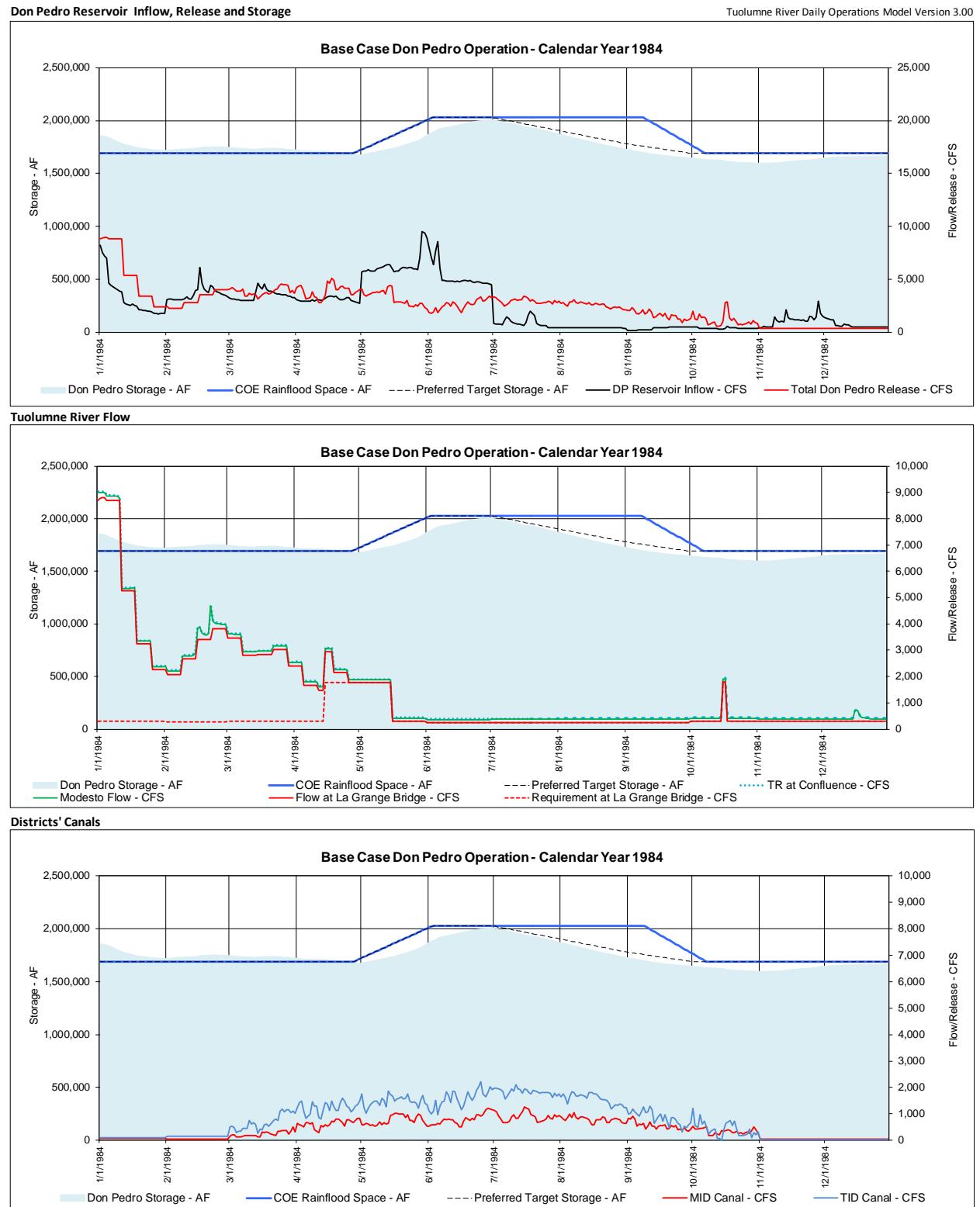
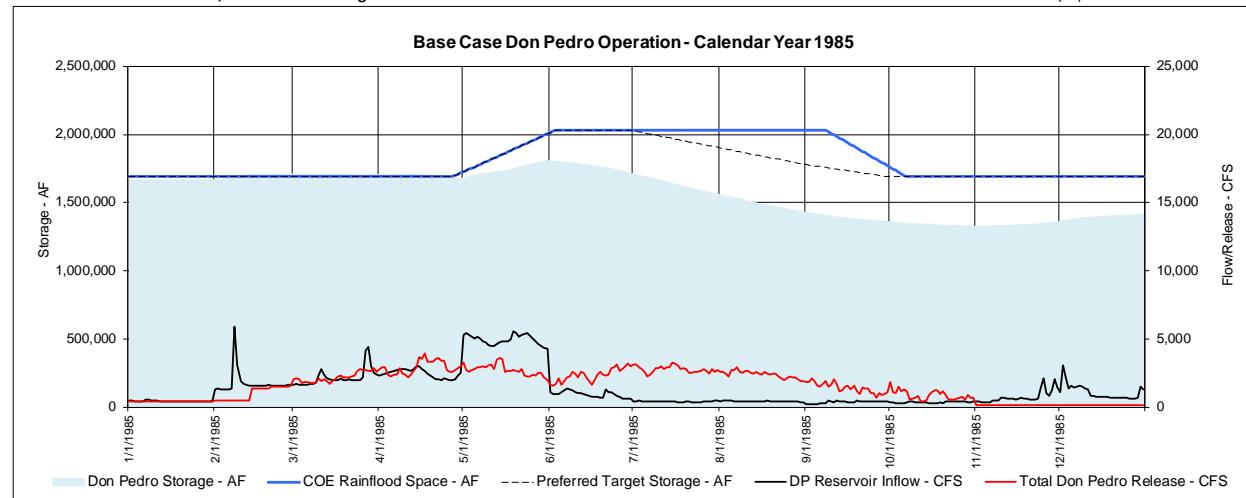


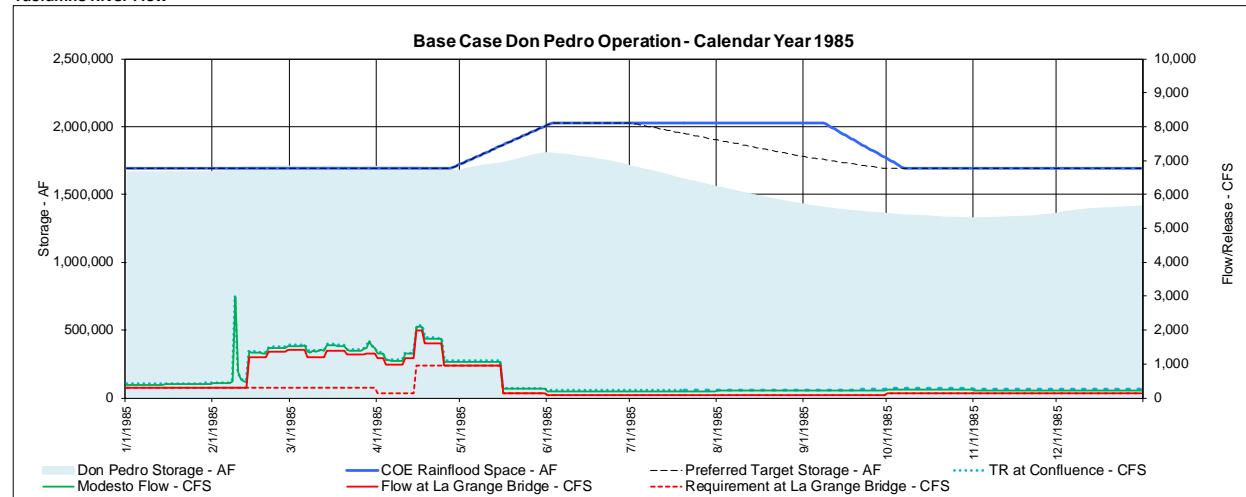
Figure B-14. Base case conditions – calendar year 1984 (Source: Version 3.00 of the Tuolumne River Operations Model).

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Tuolumne River Flow



Districts' Canals

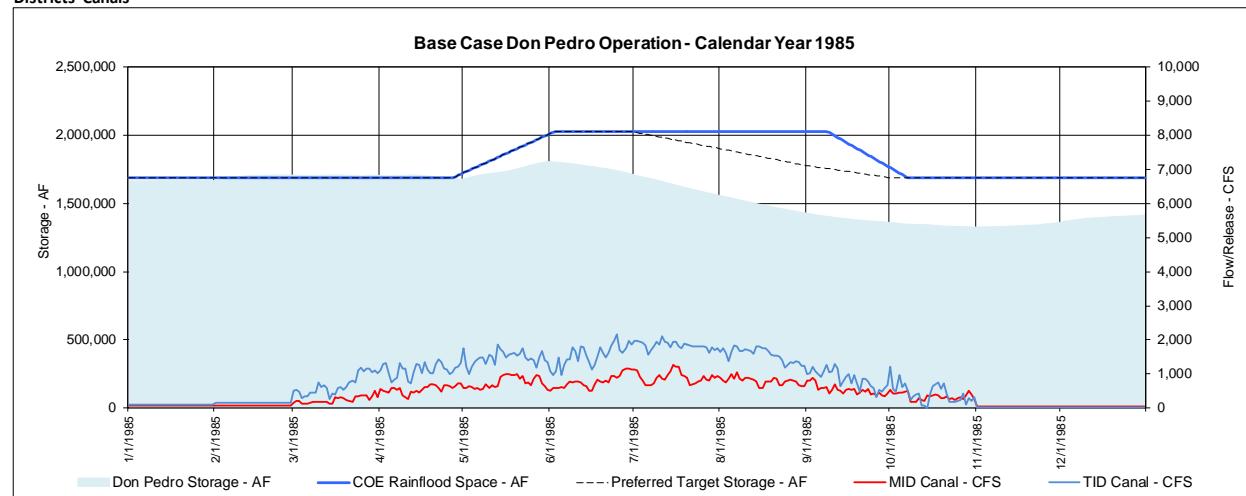
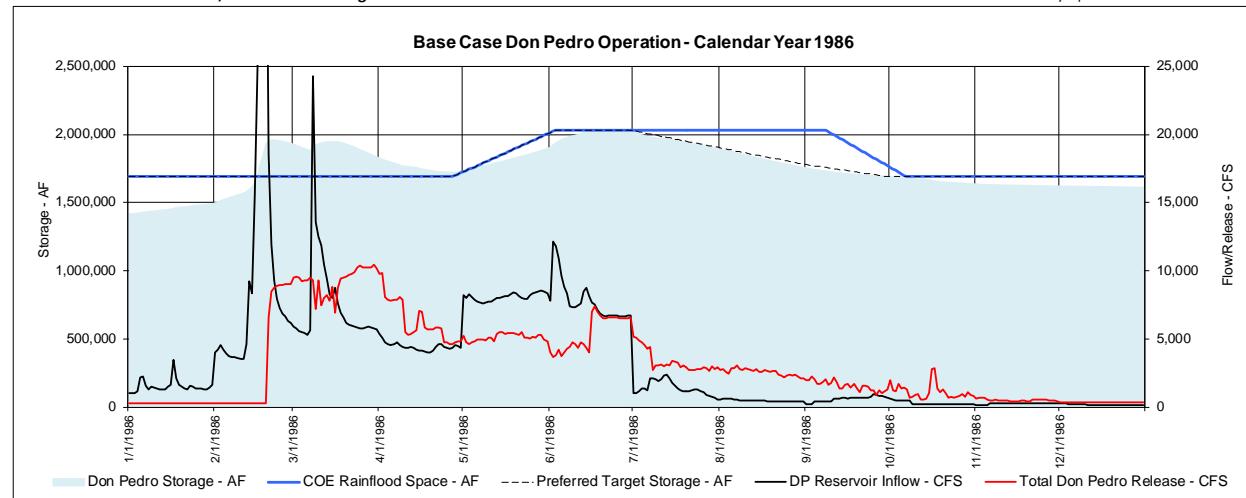


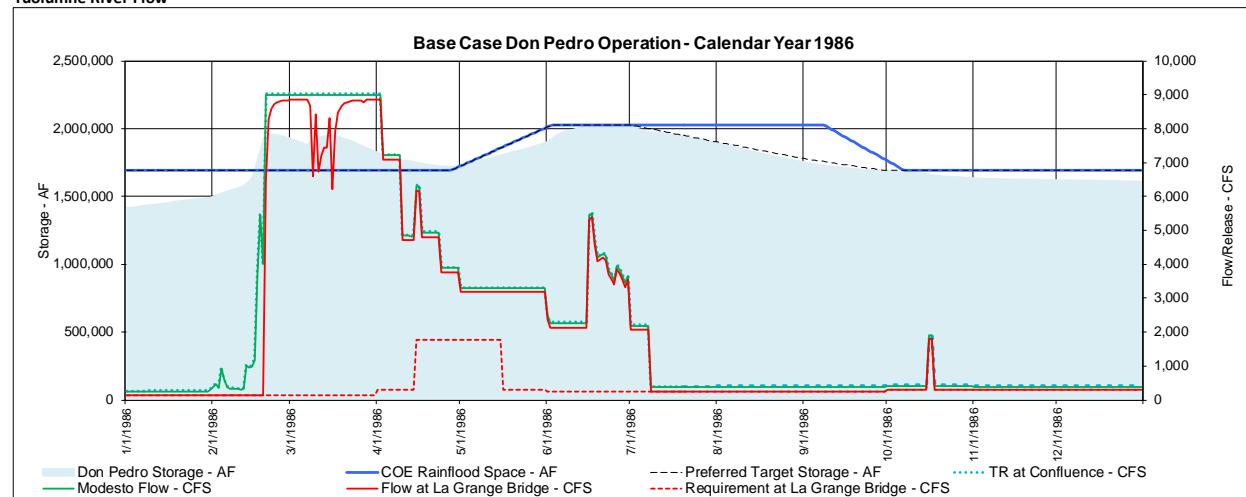
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Tuolumne River Flow



Districts' Canals

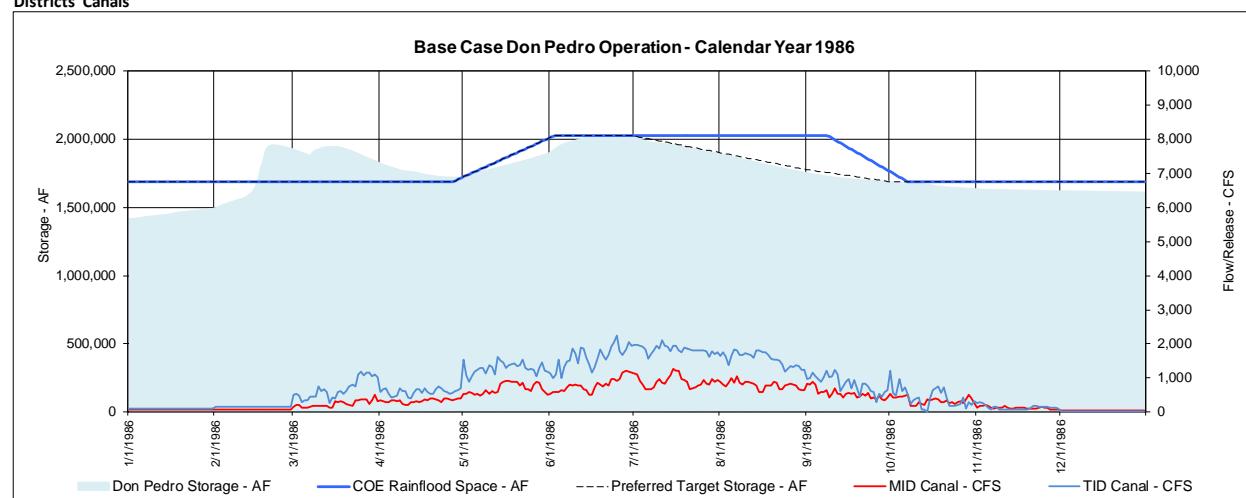


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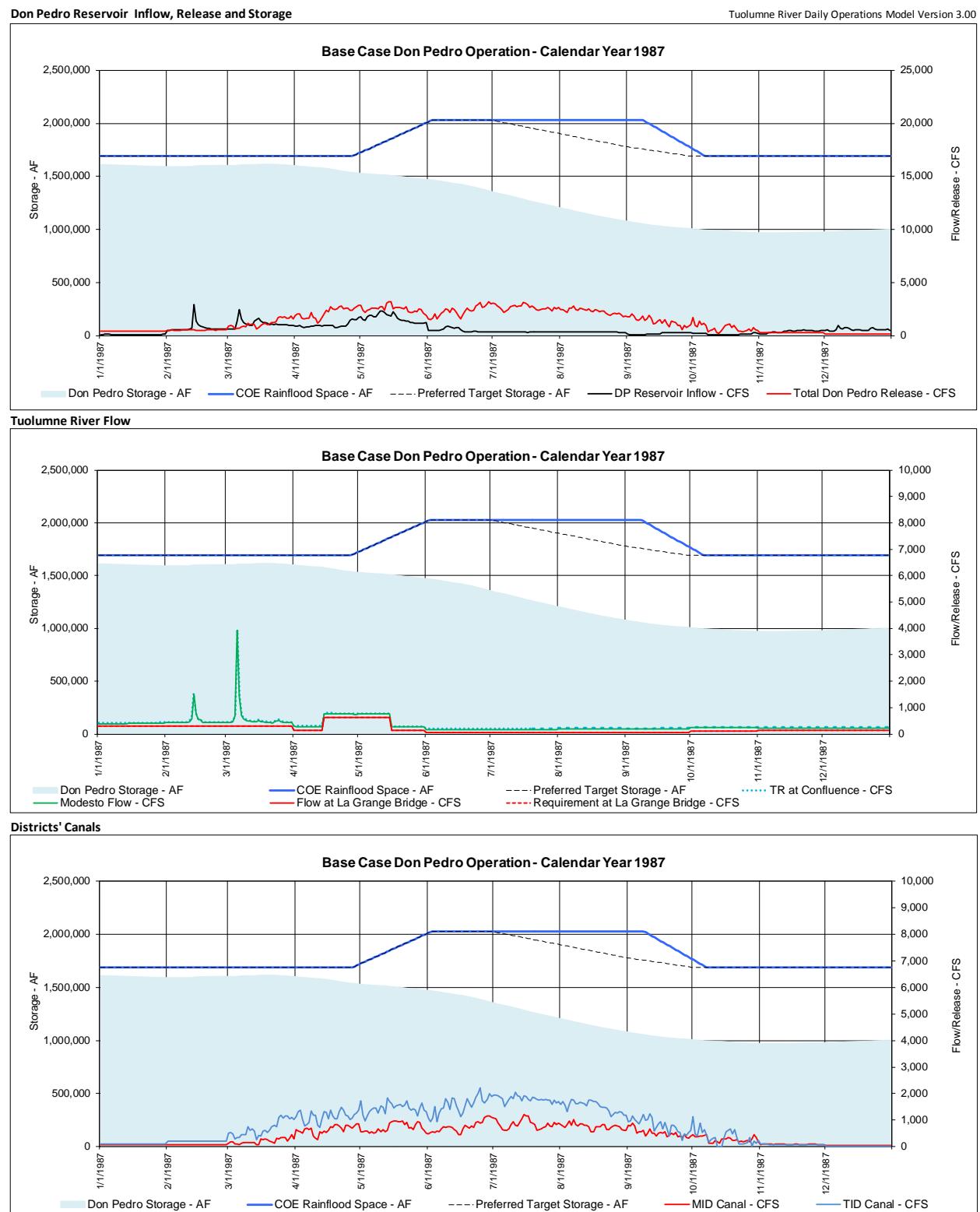


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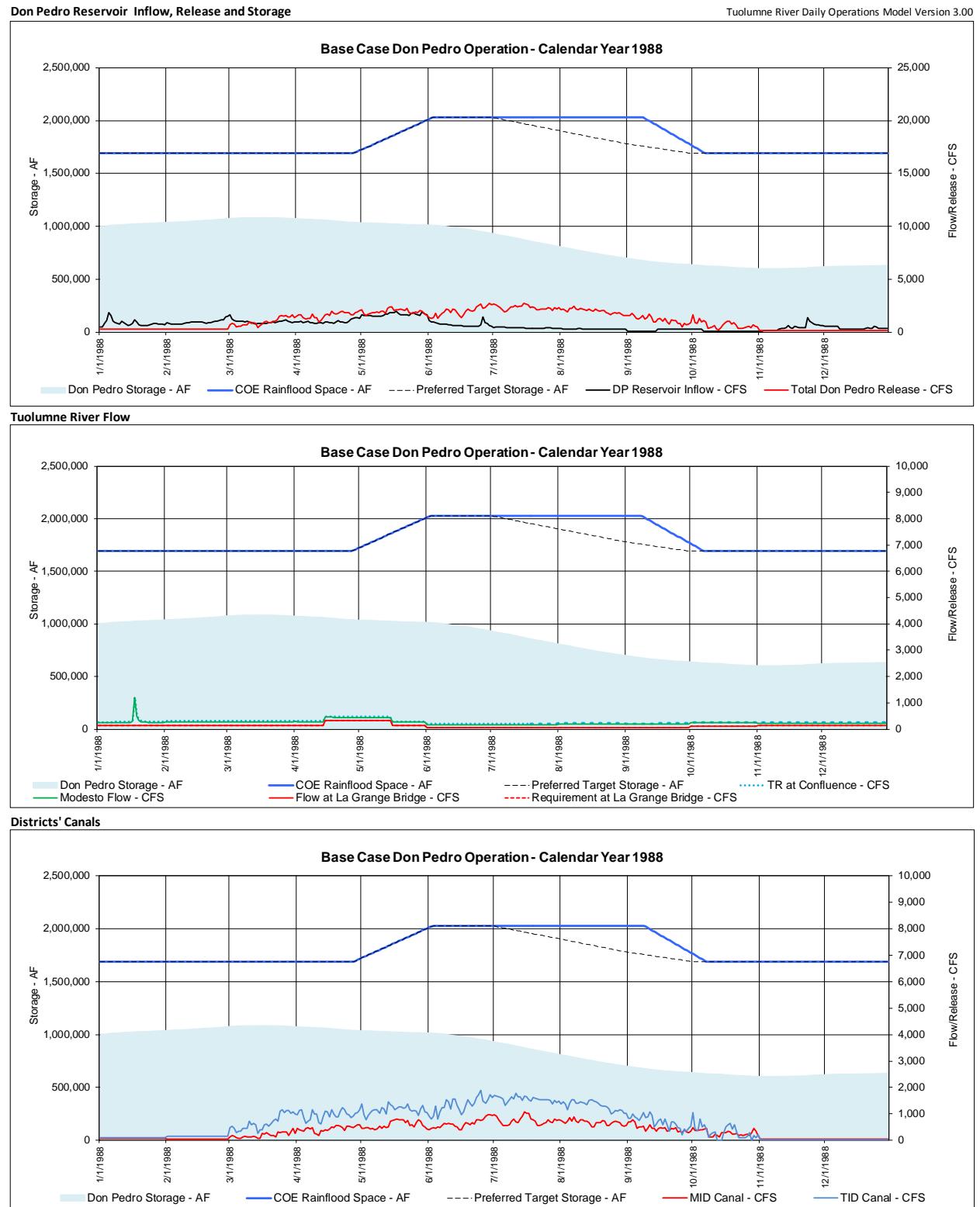


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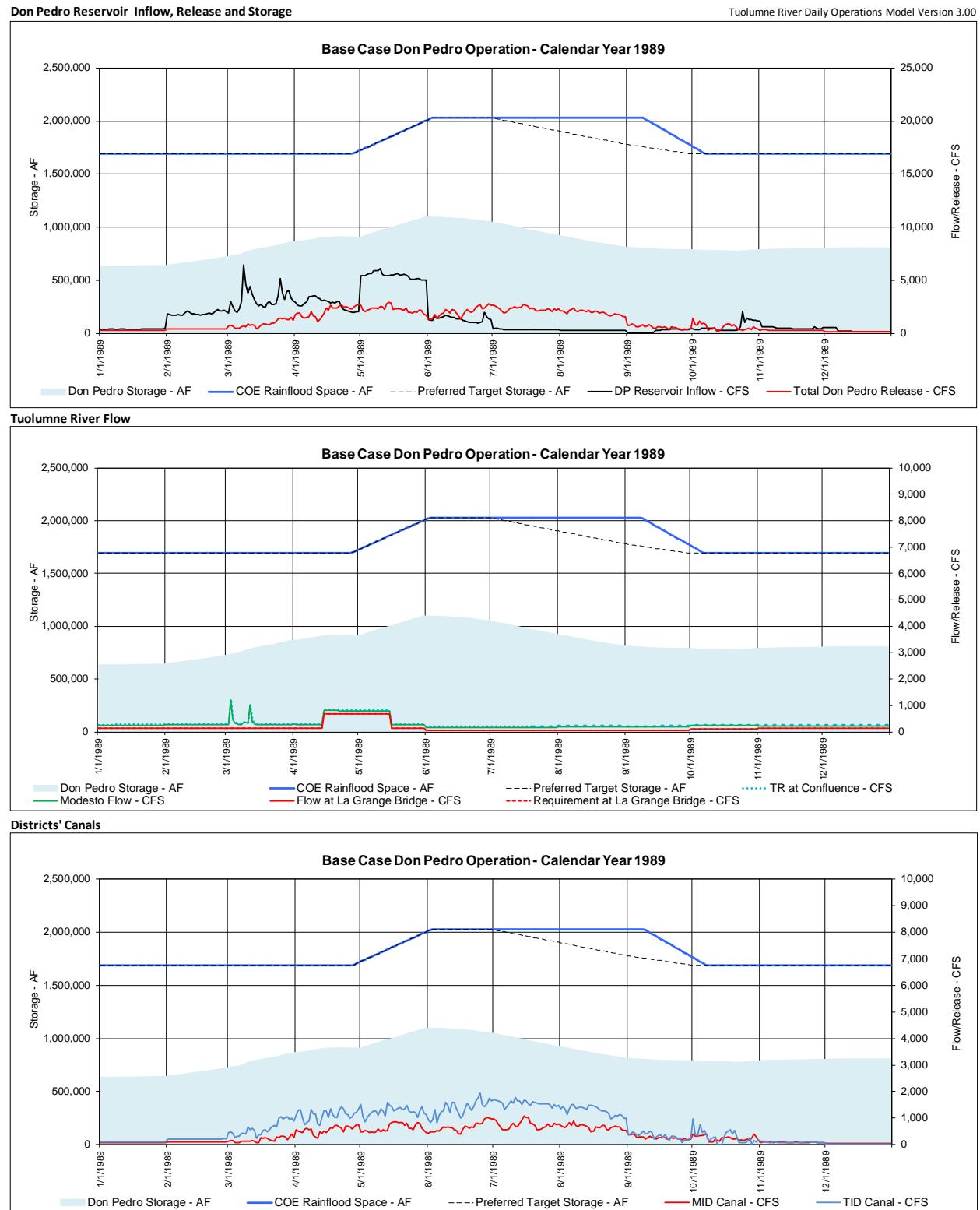
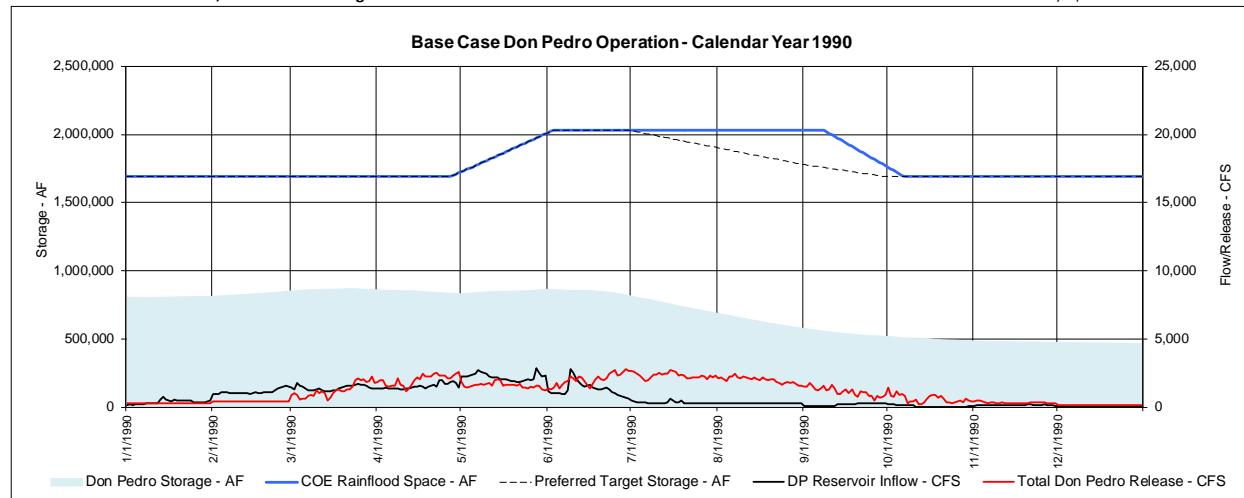


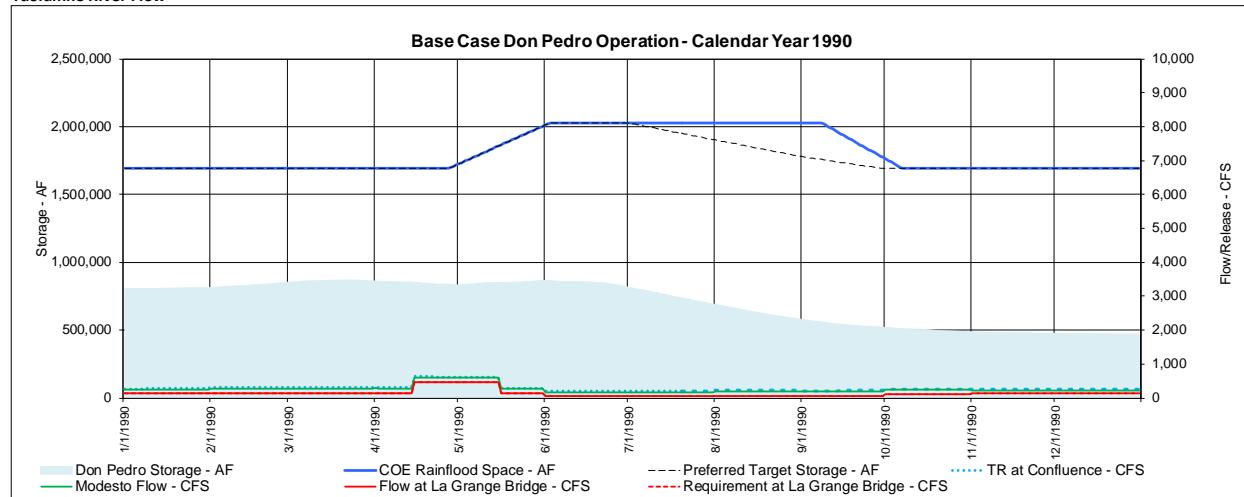
Figure B-19. Base case conditions – calendar year 1989 (Source: Version 3.00 of the Tuolumne River Operations Model).

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Tuolumne River Flow



Districts' Canals

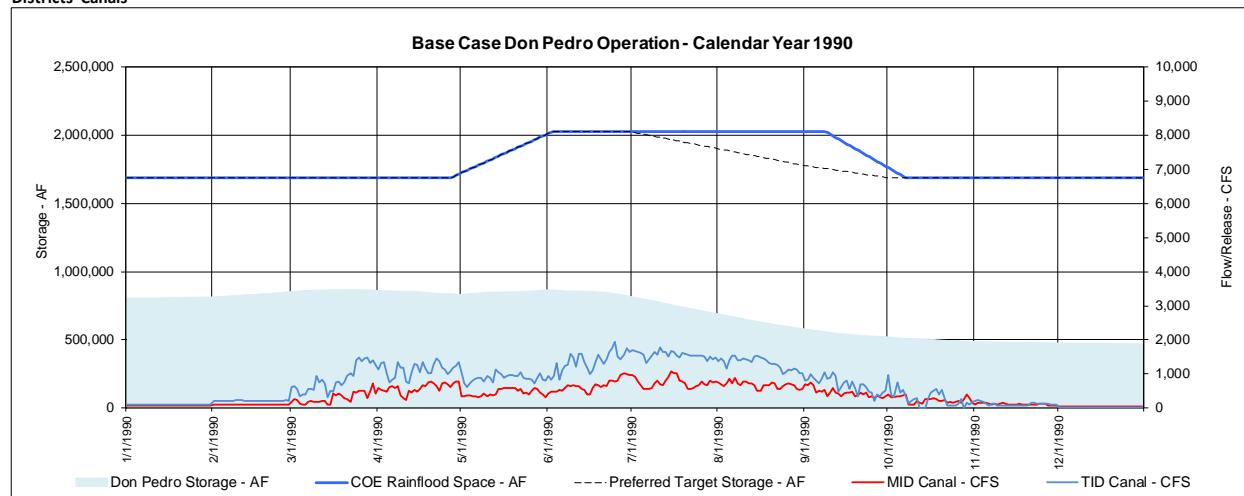
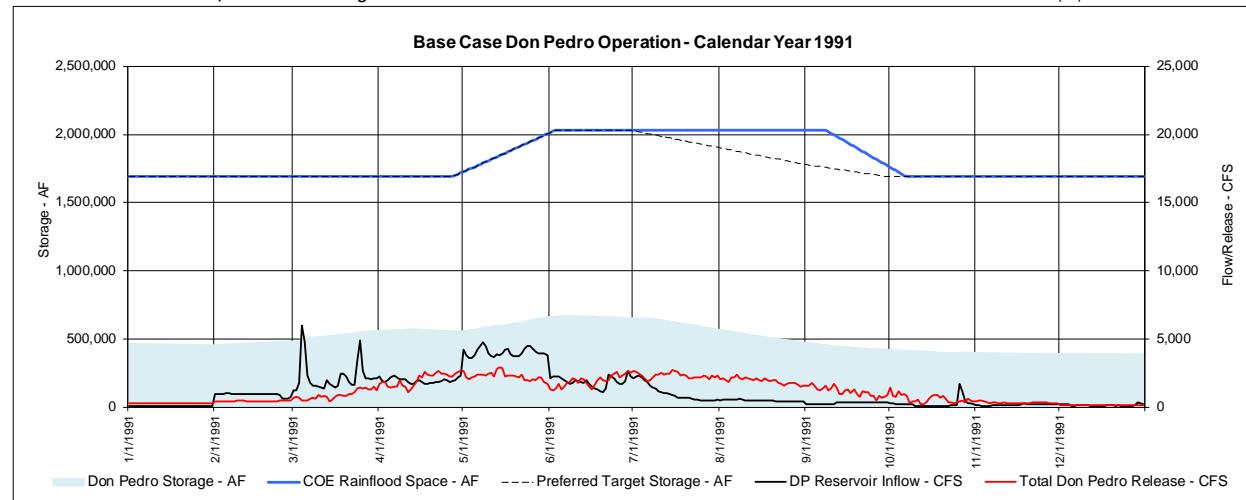


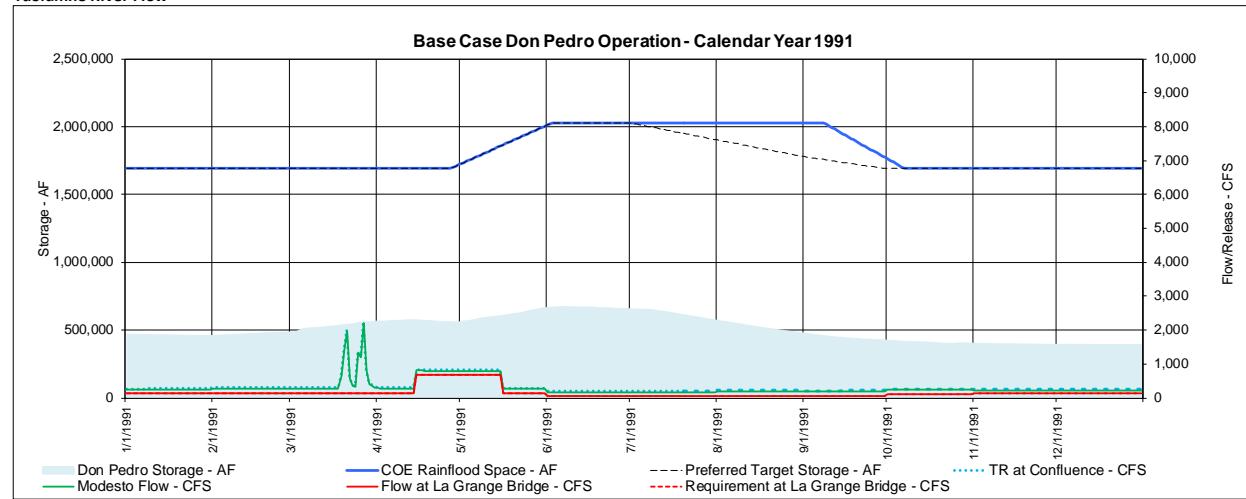
Figure B-20. Base case conditions – calendar year 1990 (Source: Version 3.00 of the Tuolumne River Operations Model).

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Tuolumne River Flow



Districts' Canals

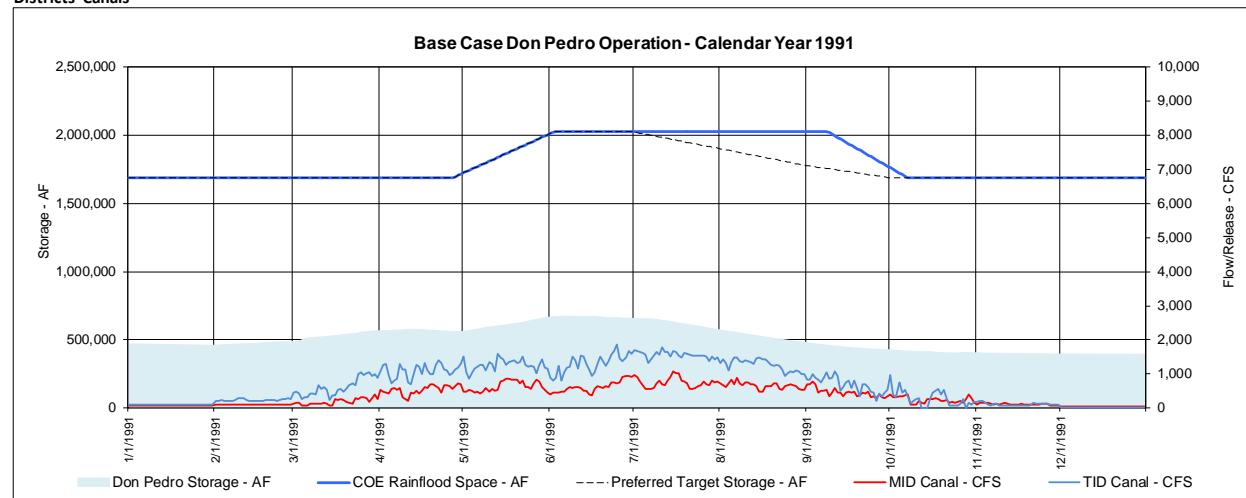


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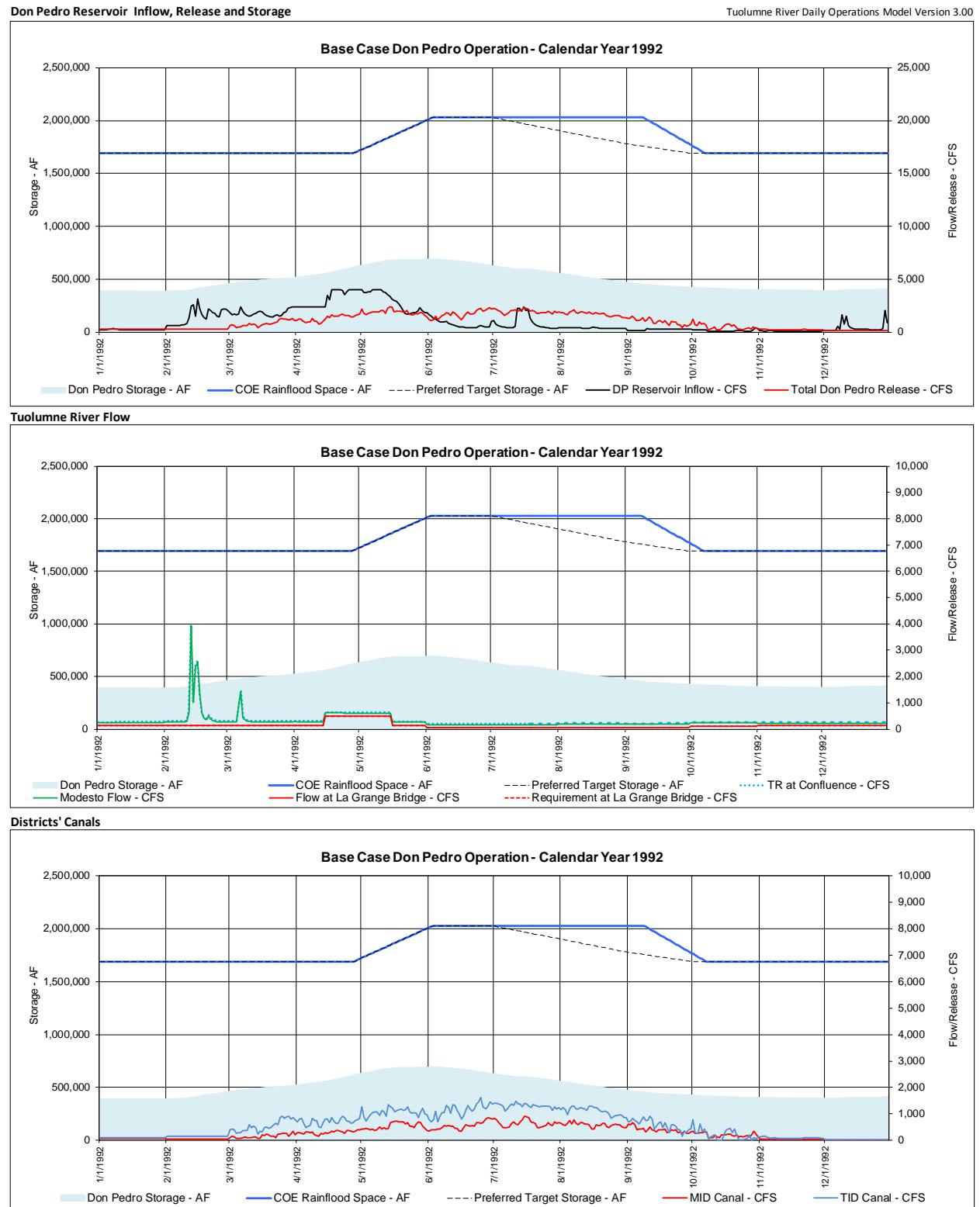


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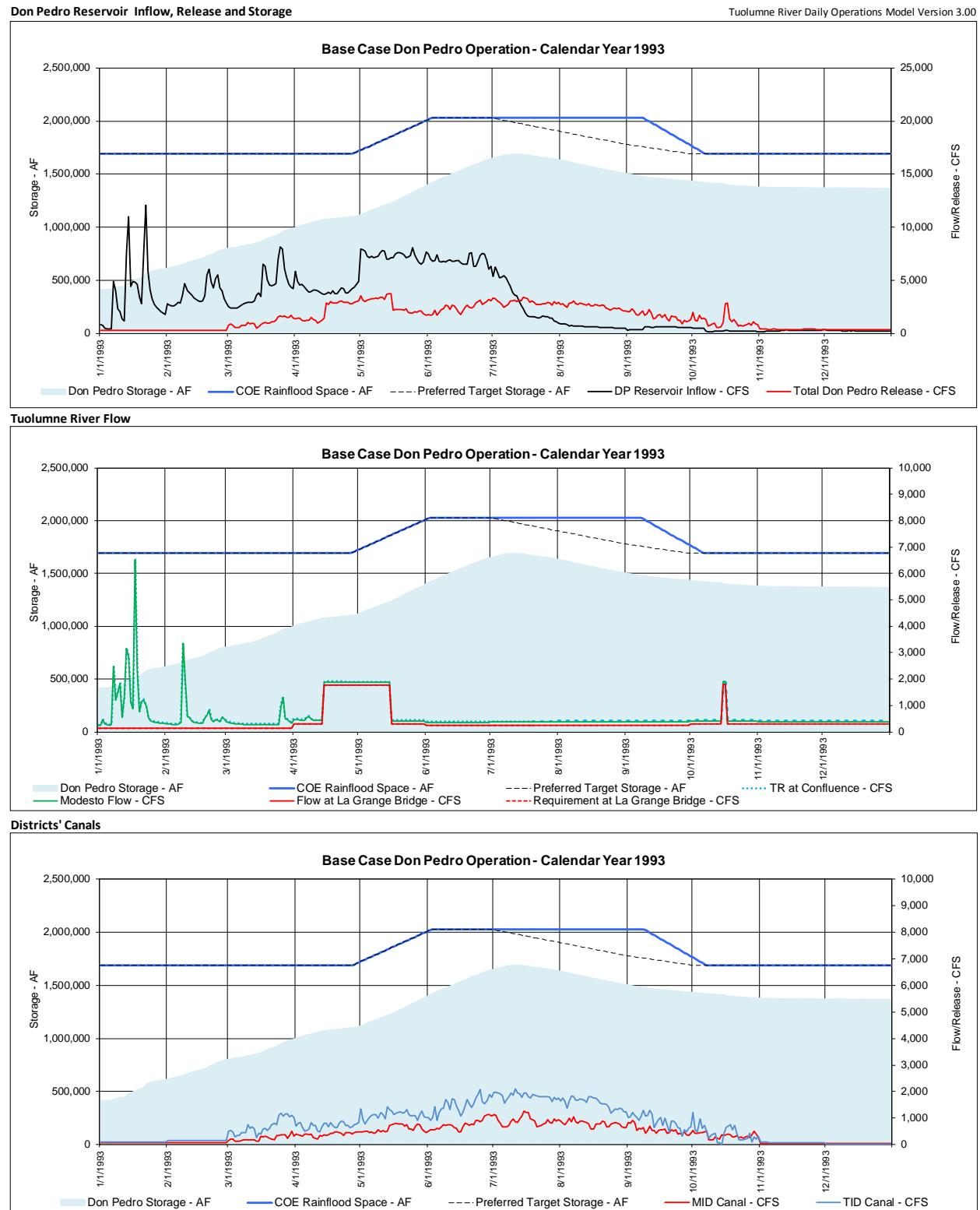


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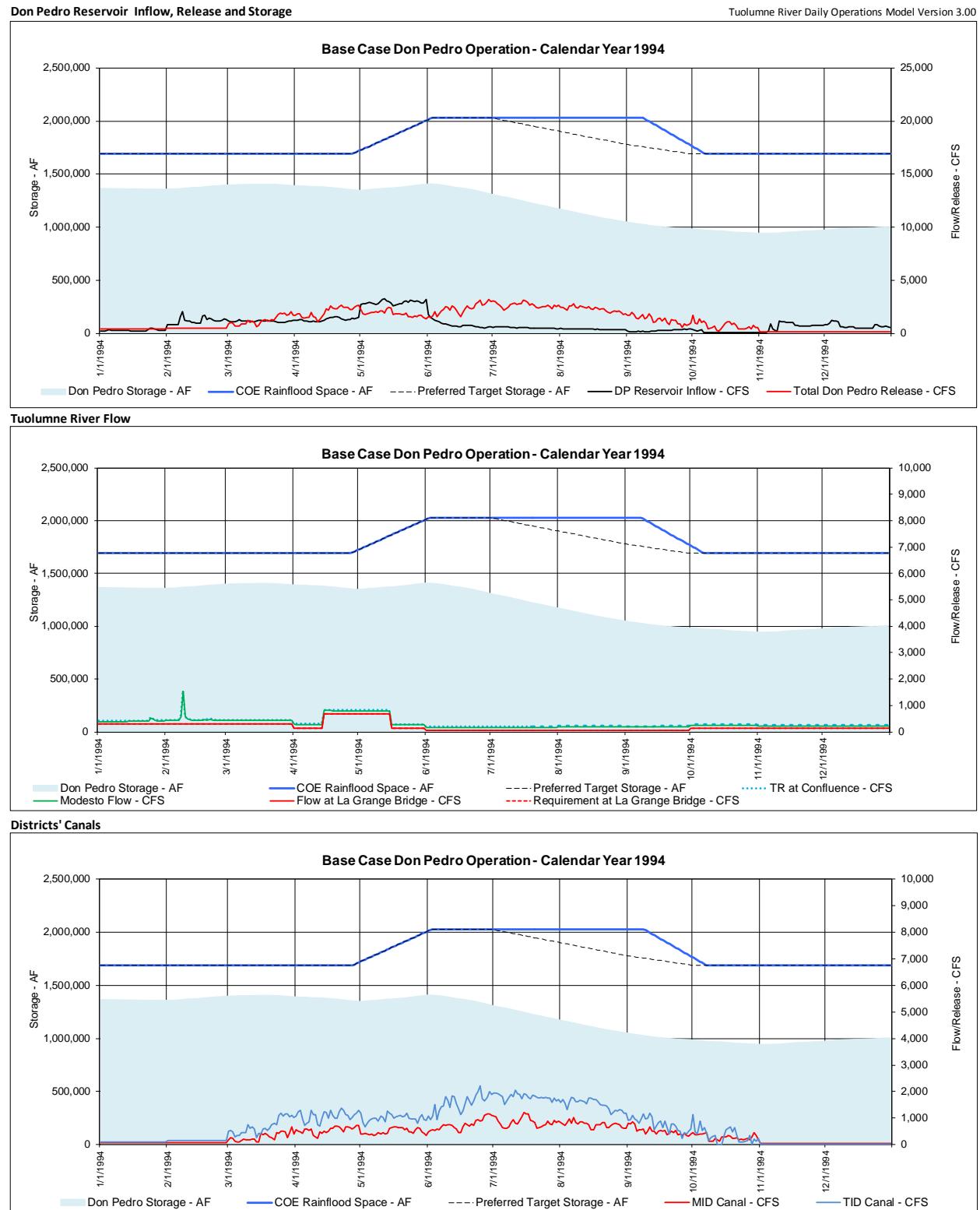
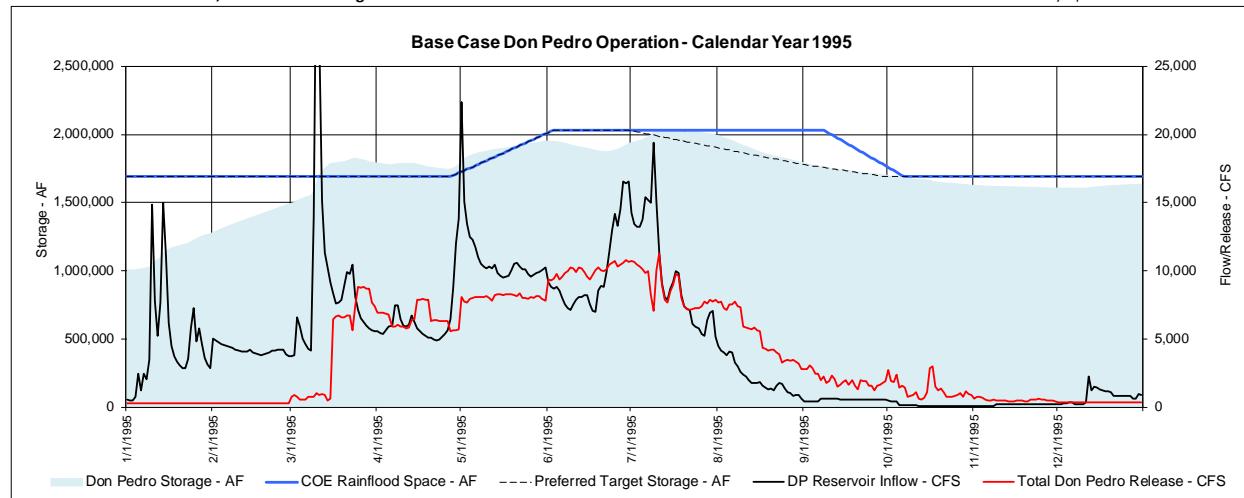


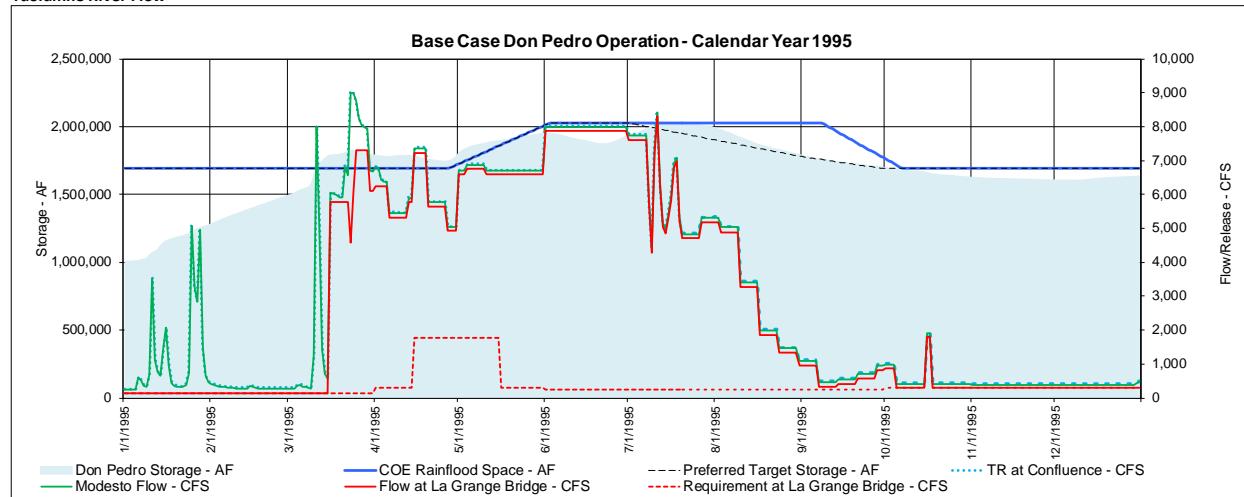
Figure B-24. **Base case conditions – calendar year 1994** (Source: Version 3.00 of the Tuolumne River Operations Model).

Don Pedro Reservoir Inflow, Release and Storage

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Tuolumne River Flow



Districts' Canals

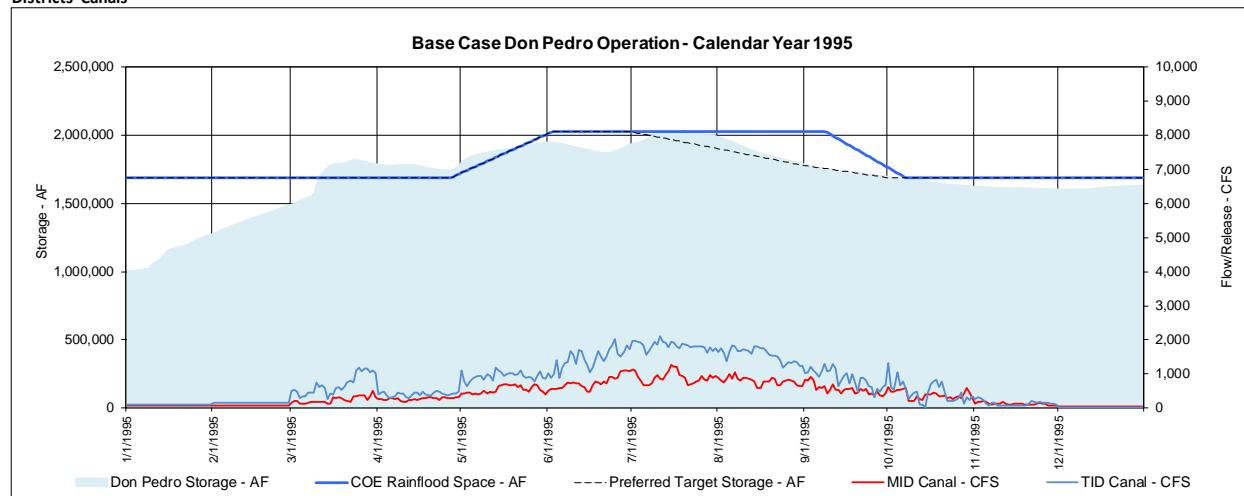
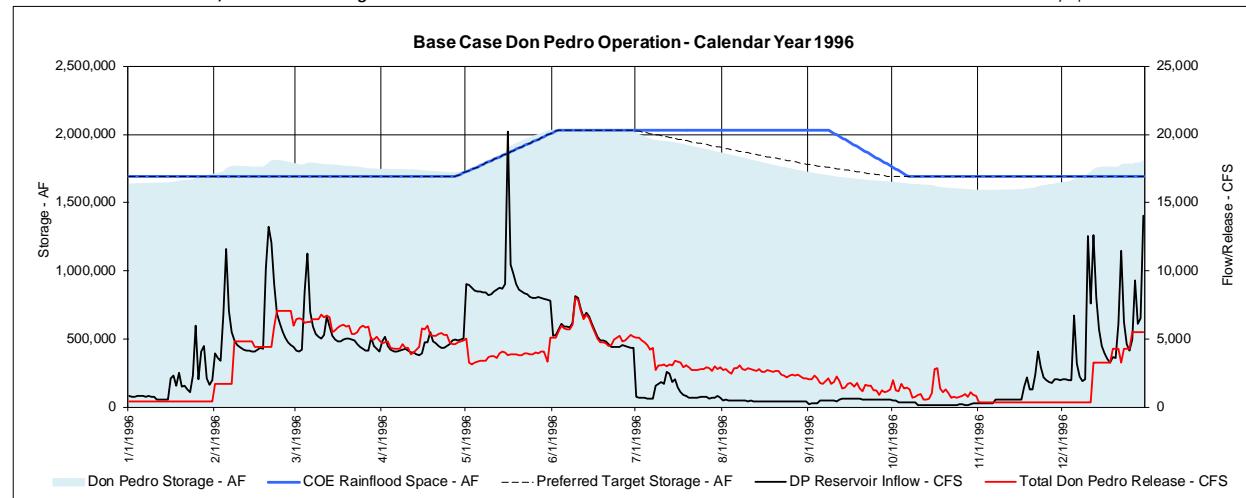


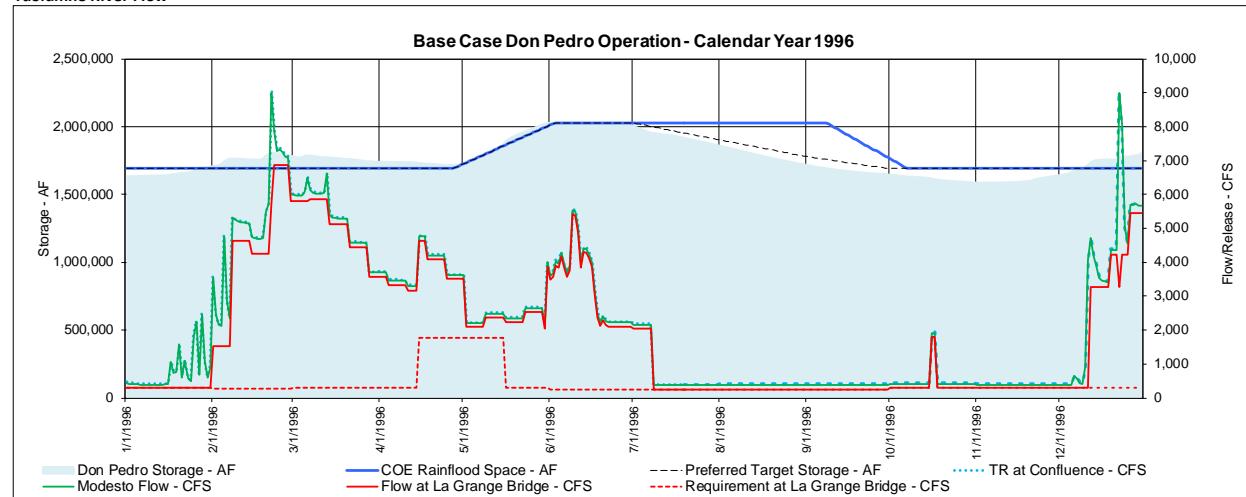
Figure B-25. Base case conditions – calendar year 1995 (Source: Version 3.00 of the Tuolumne River Operations Model).

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Tuolumne River Flow



Districts' Canals

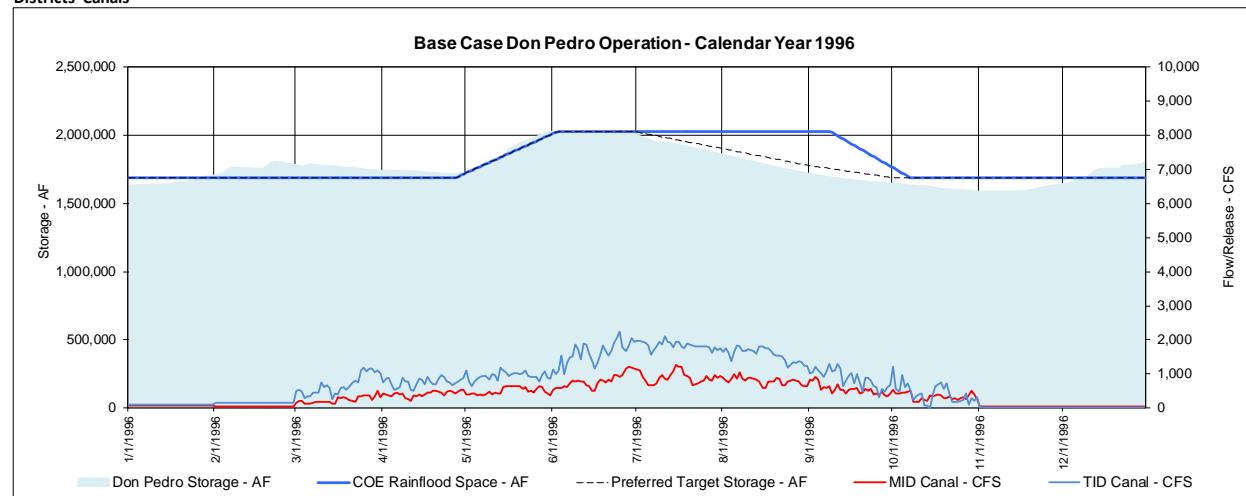
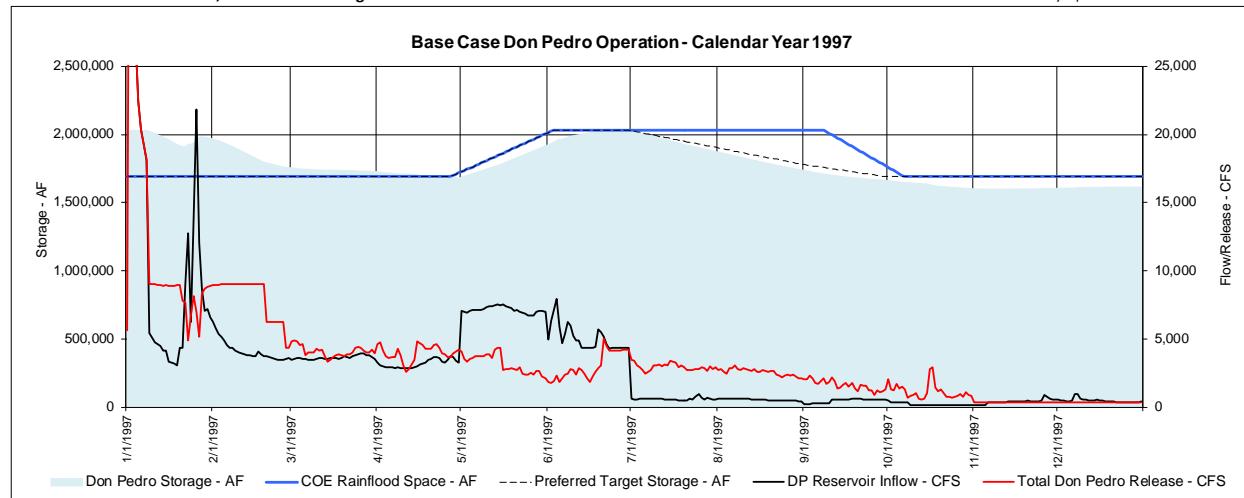


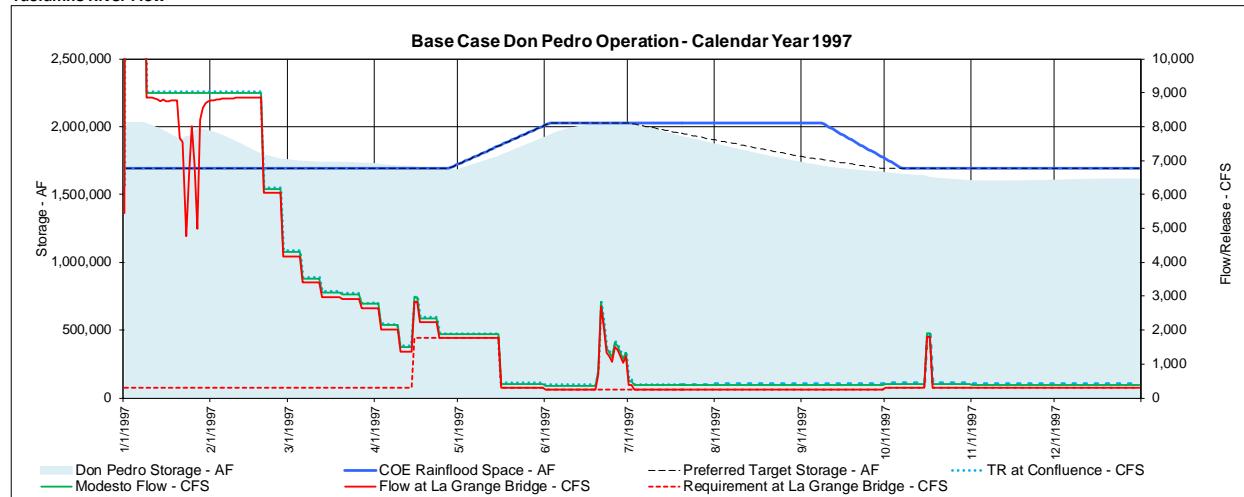
Figure B-26. Base case conditions – calendar year 1996 (Source: Version 3.00 of the Tuolumne River Operations Model).

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Tuolumne River Daily Operations Model Version 3.00



Tuolumne River Flow



Districts' Canals

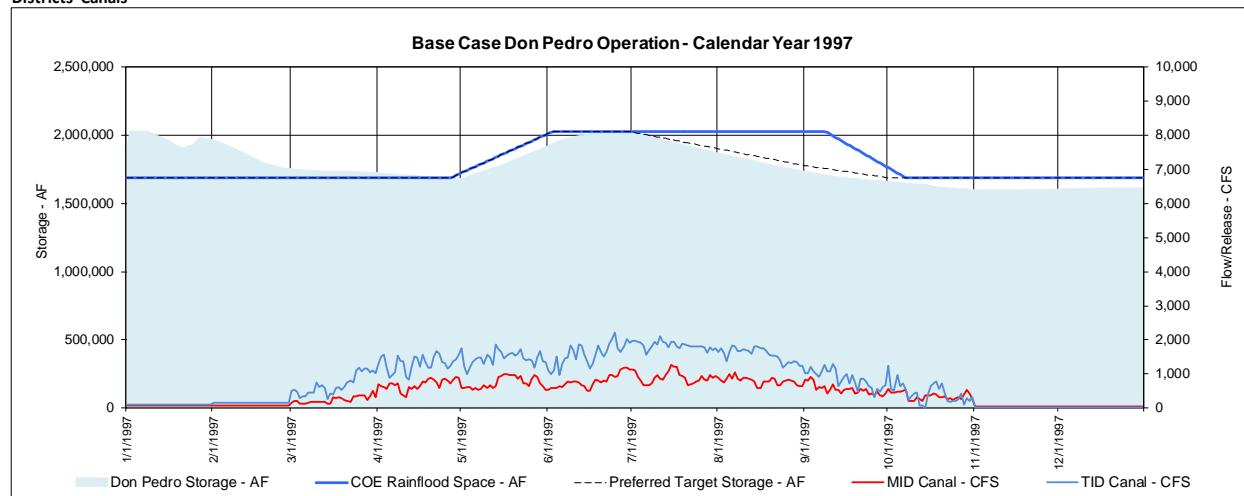


Figure B-27. Base case conditions – calendar year 1997 (Source: Version 3.00 of the Tuolumne River Operations Model).

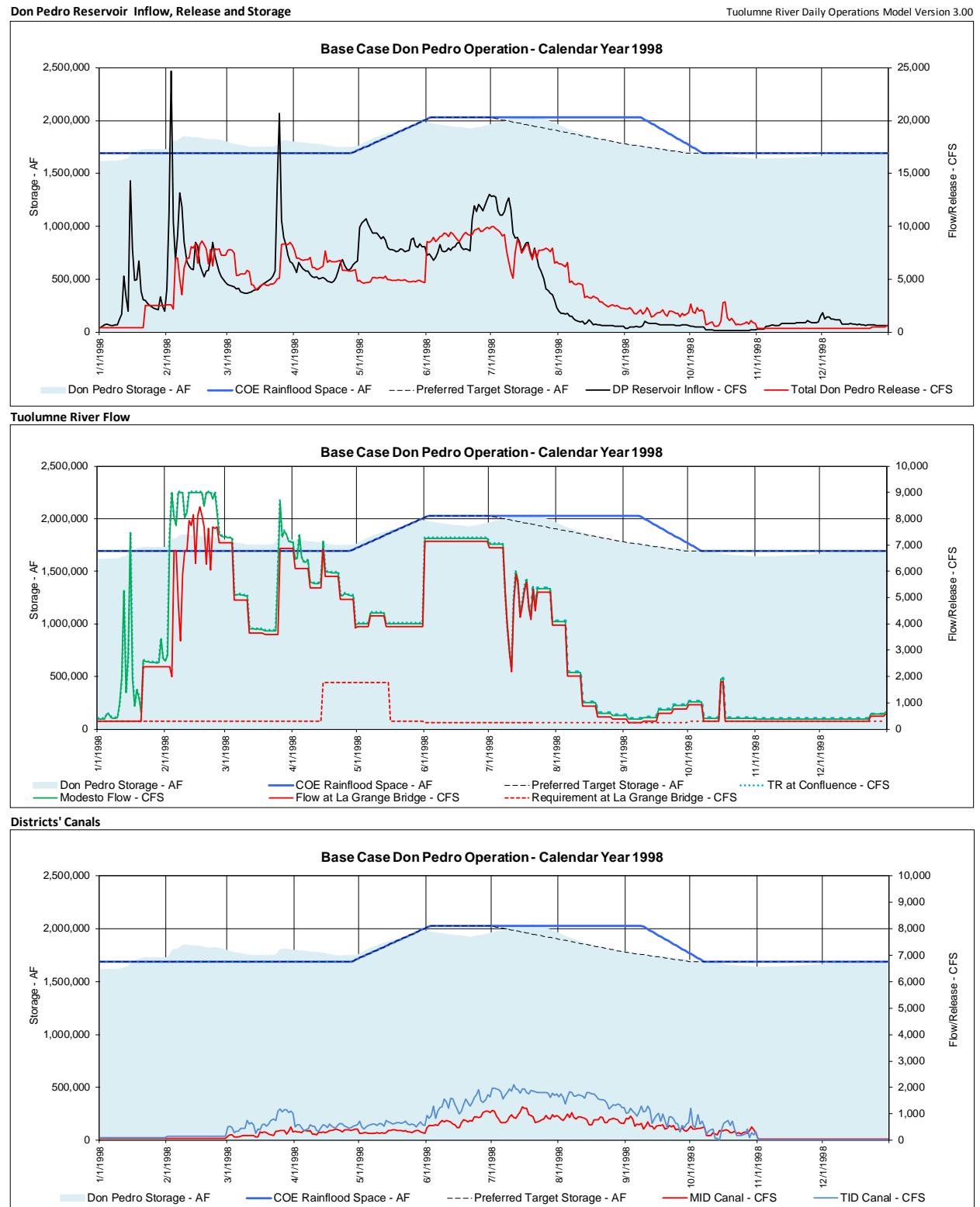
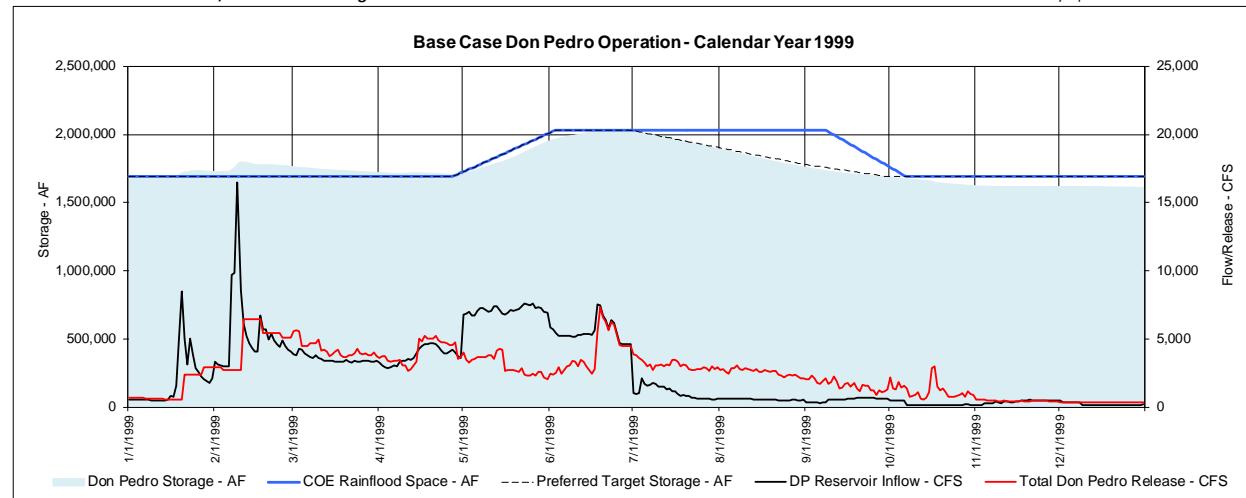


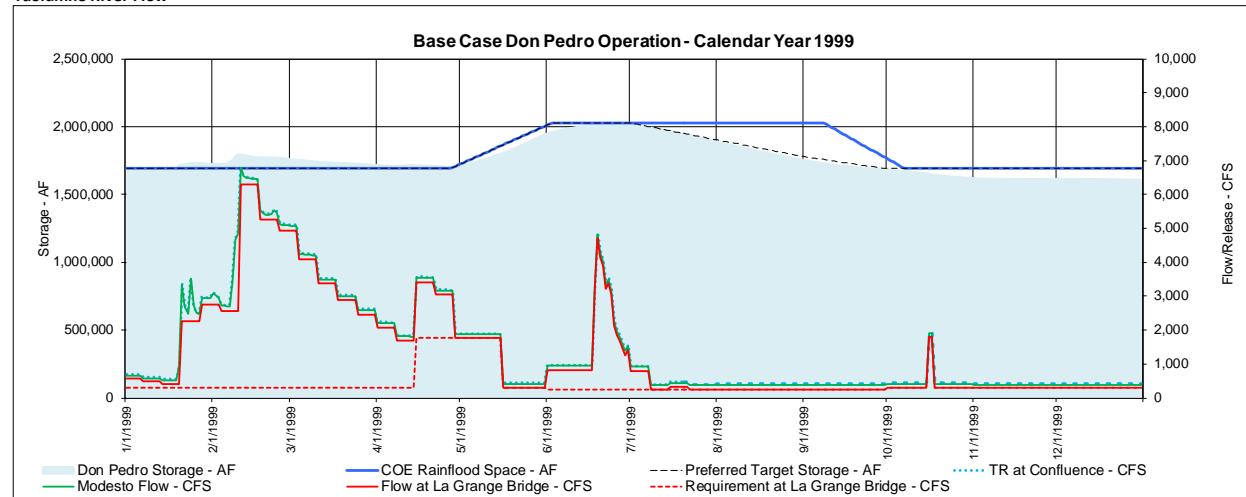
Figure B-28. Base case conditions – calendar year 1998 (Source: Version 3.00 of the Tuolumne River Operations Model).

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Tuolumne River Flow



Districts' Canals

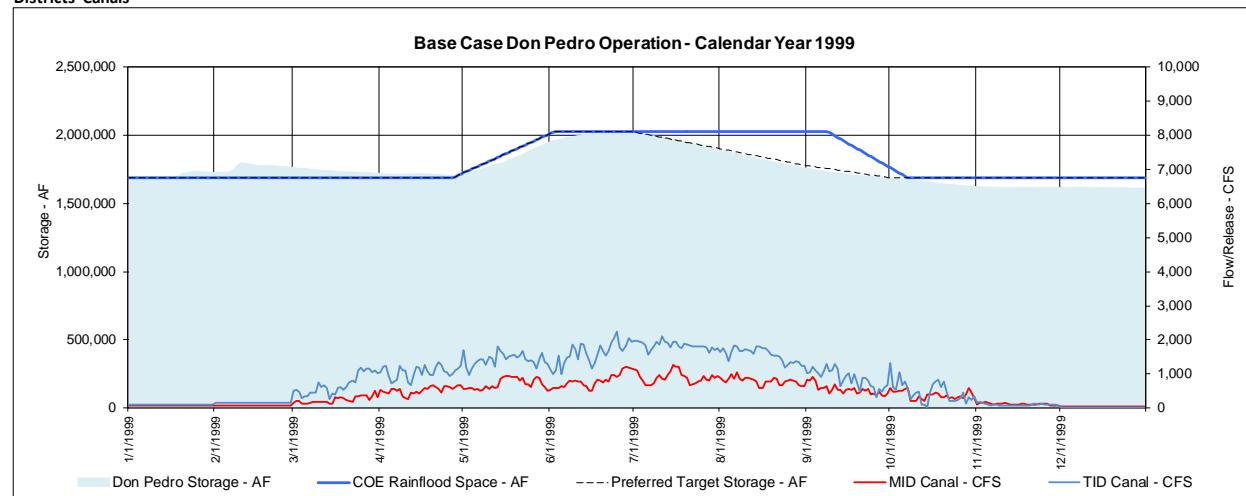


Figure B-29. Base case conditions – calendar year 1999 (Source: Version 3.00 of the Tuolumne River Operations Model).

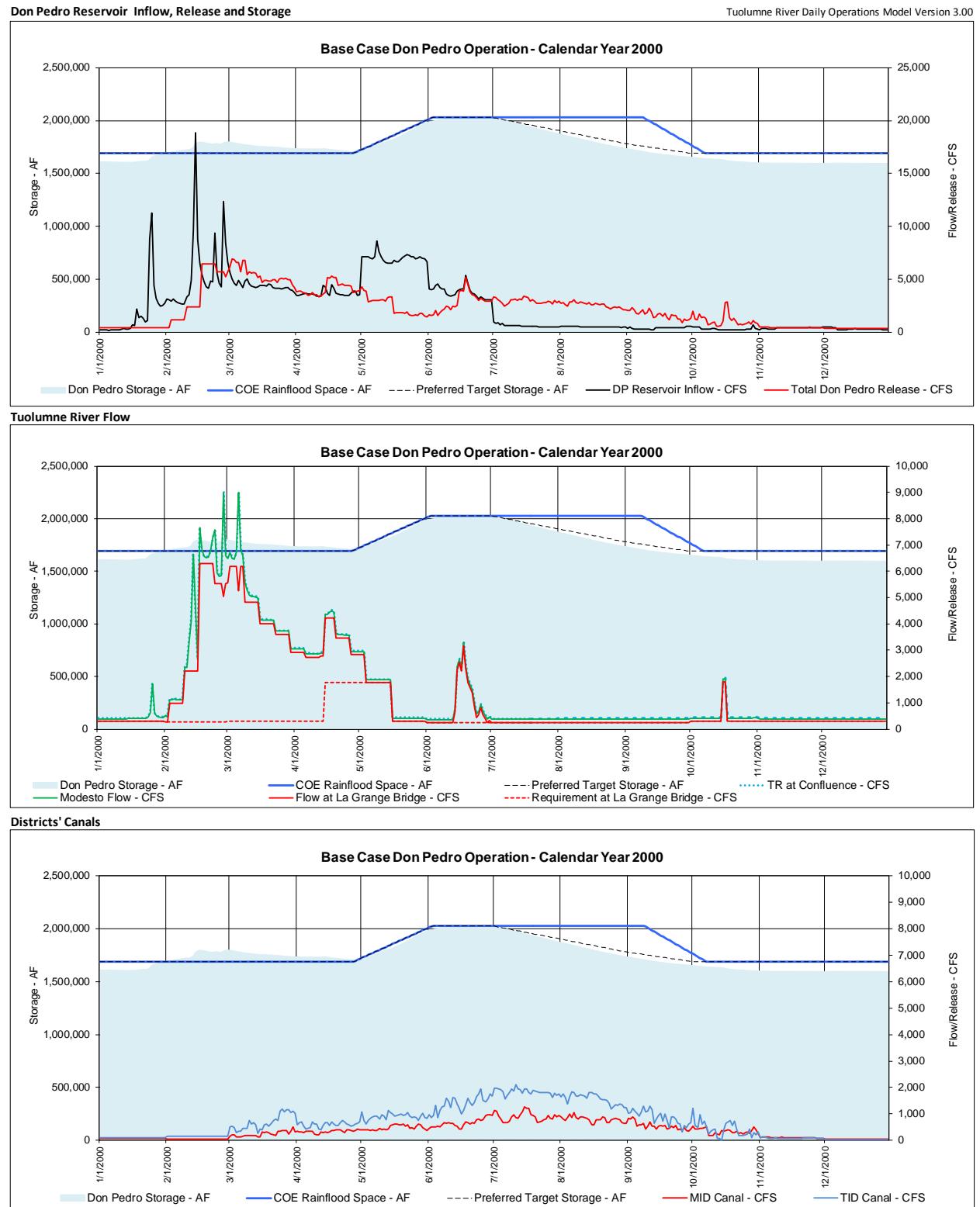
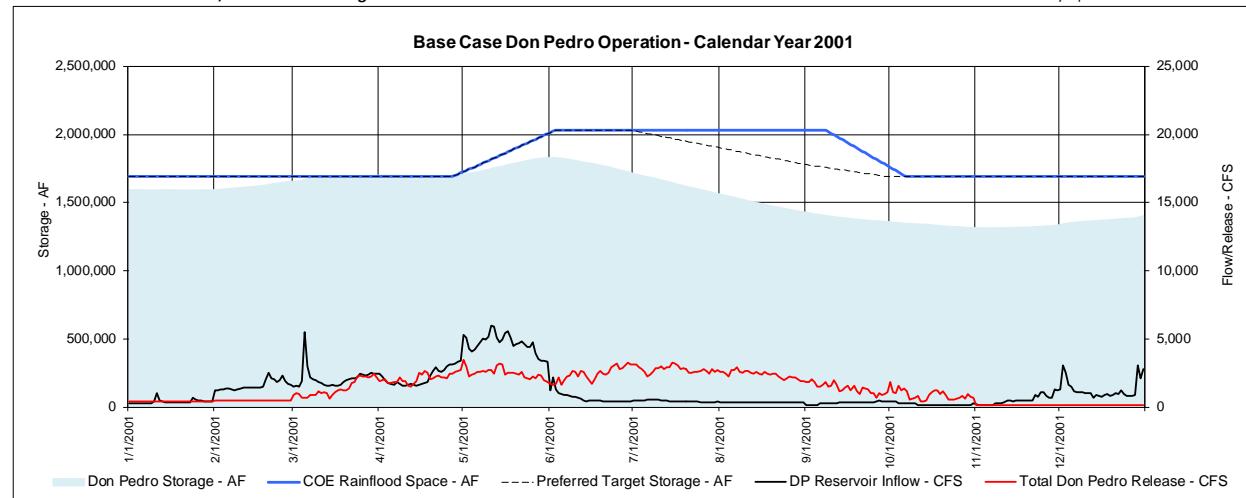


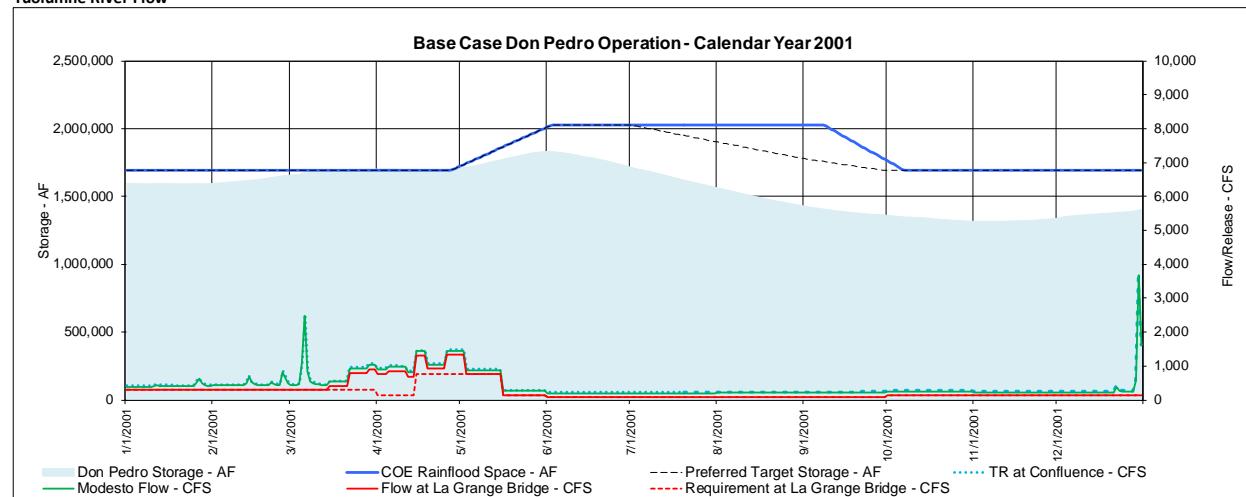
Figure B-30. **Base case conditions – calendar year 2000 (Source: Version 3.00 of the Tuolumne River Operations Model).**

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Tuolumne River Flow



Districts' Canals

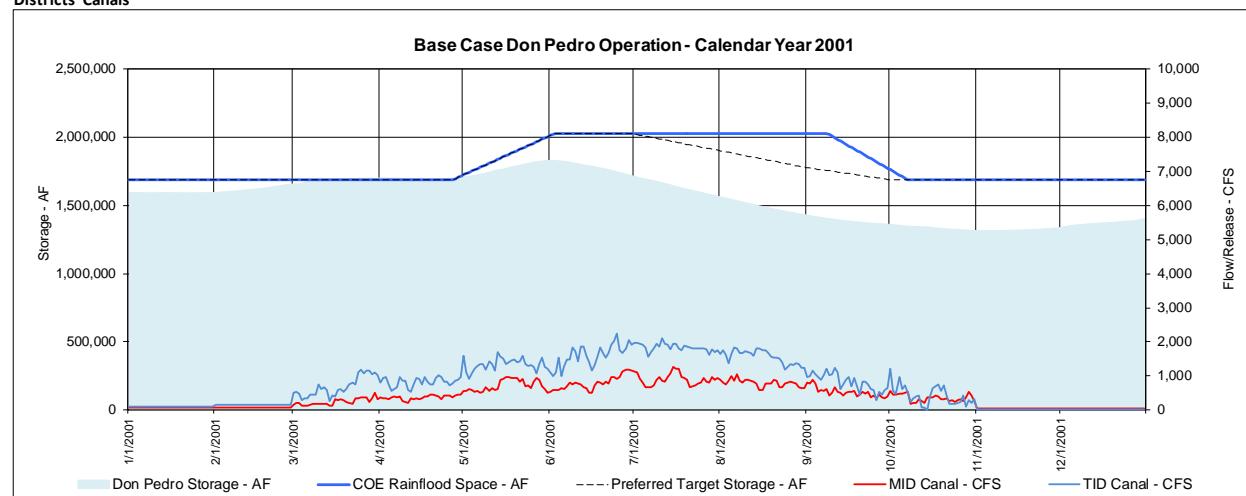


Figure B-31. Base case conditions – calendar year 2001 (Source: Version 3.00 of the Tuolumne River Operations Model).

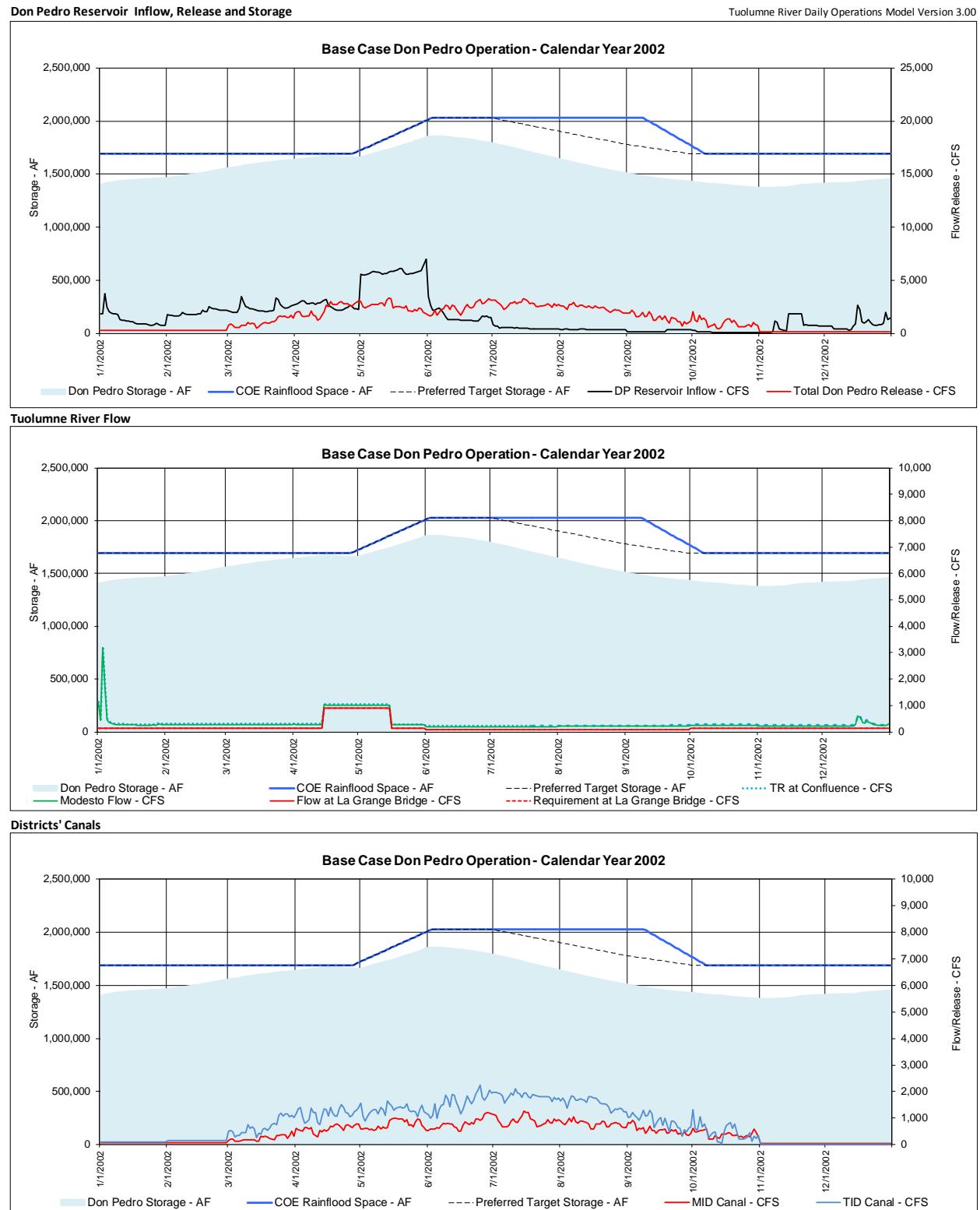


Figure B-32. Base case conditions – calendar year 2002 (Source: Version 3.00 of the Tuolumne River Operations Model).

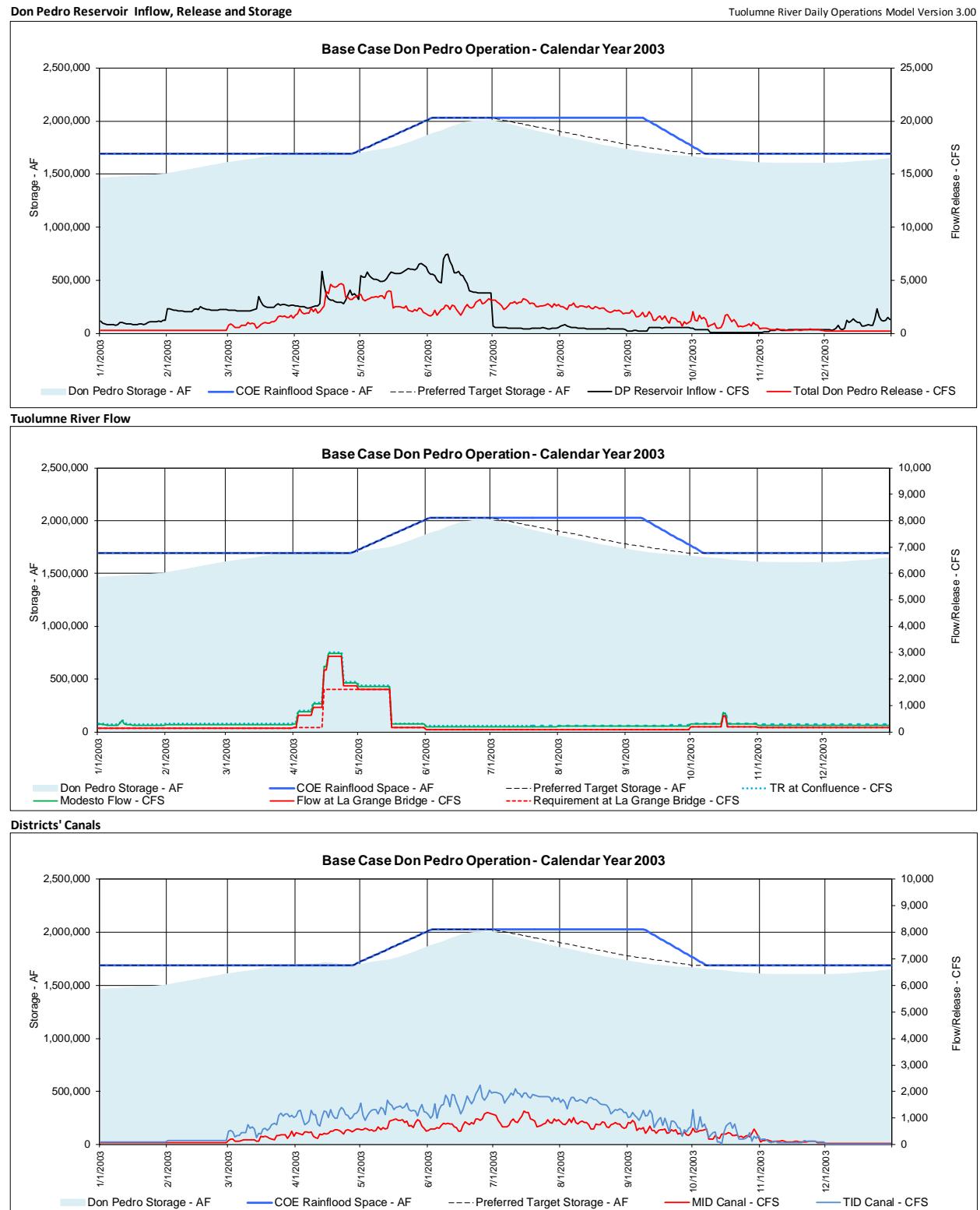
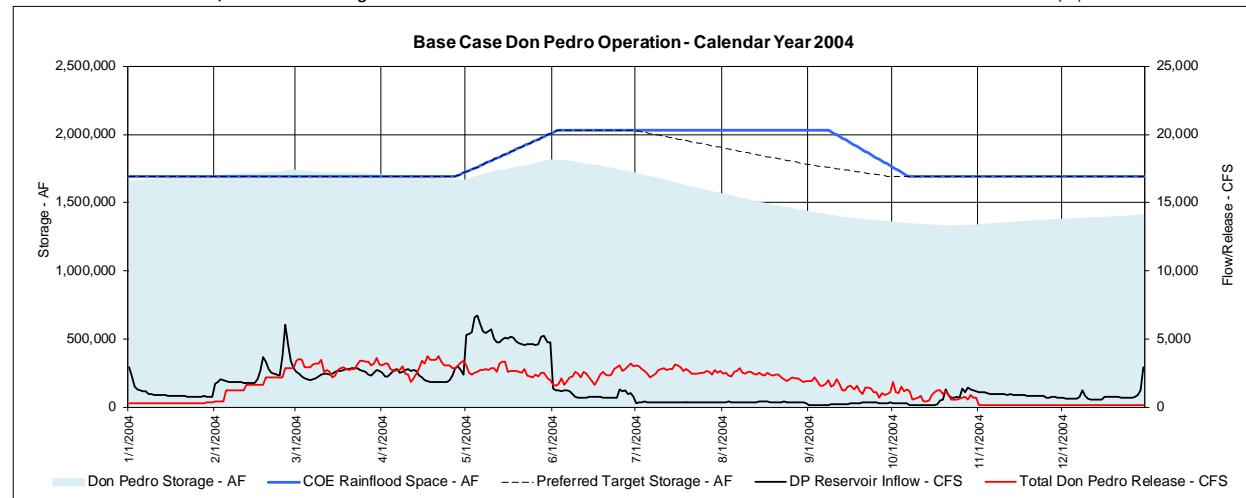


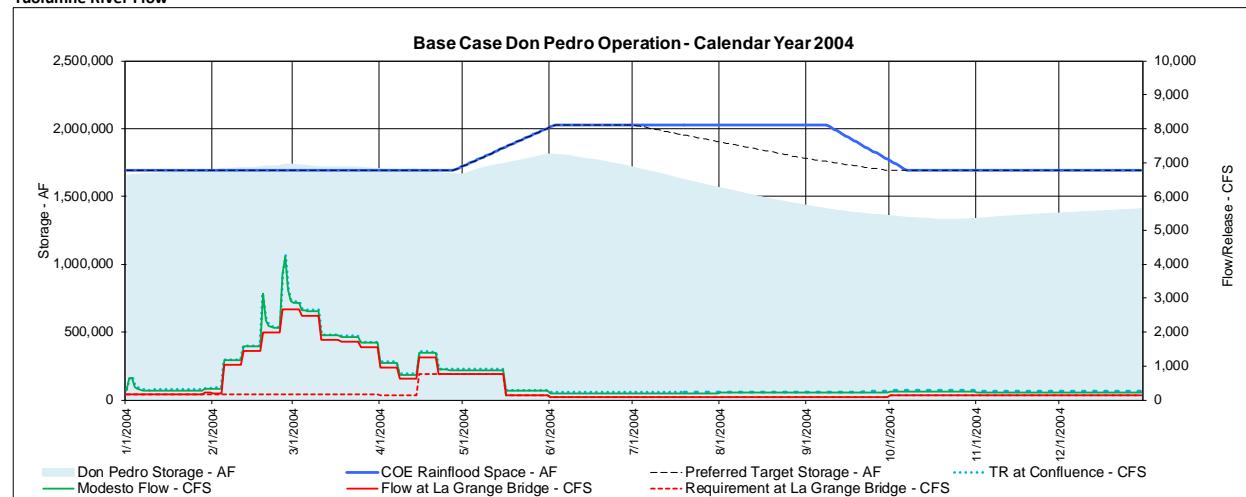
Figure B-33. **Base case conditions – calendar year 2003 (Source: Version 3.00 of the Tuolumne River Operations Model).**

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Tuolumne River Flow



Districts' Canals

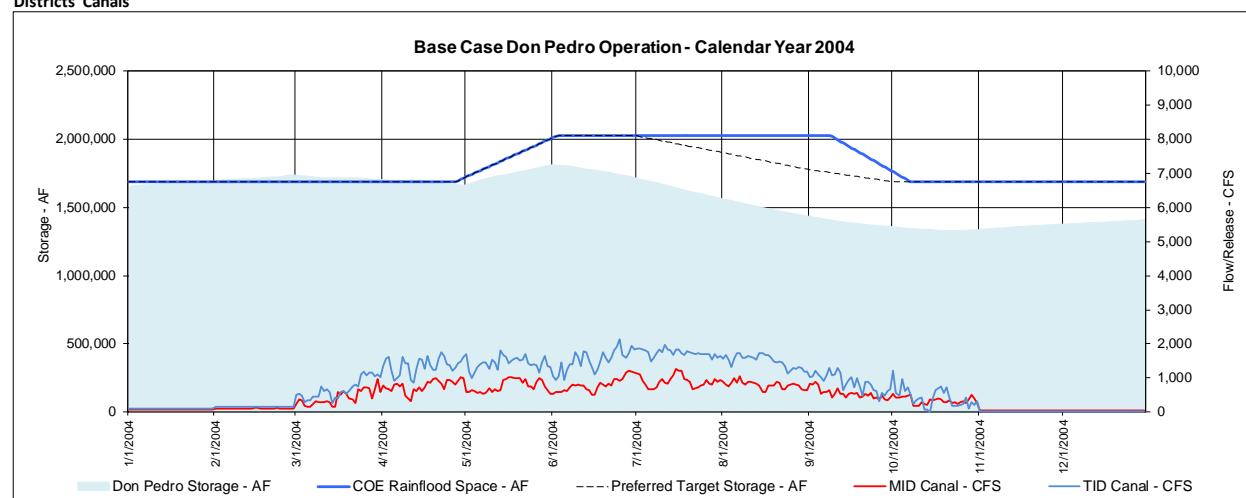
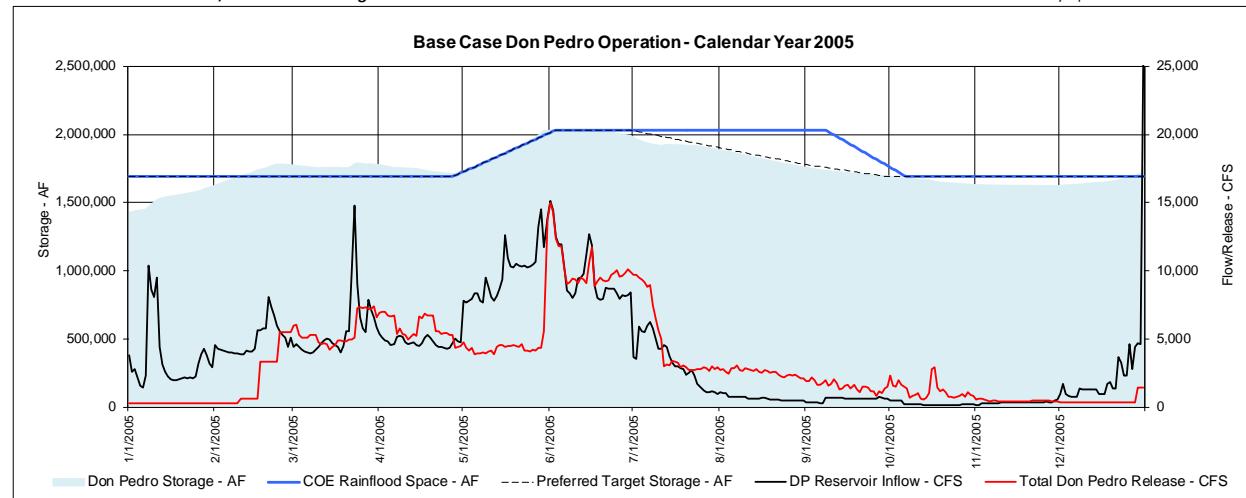


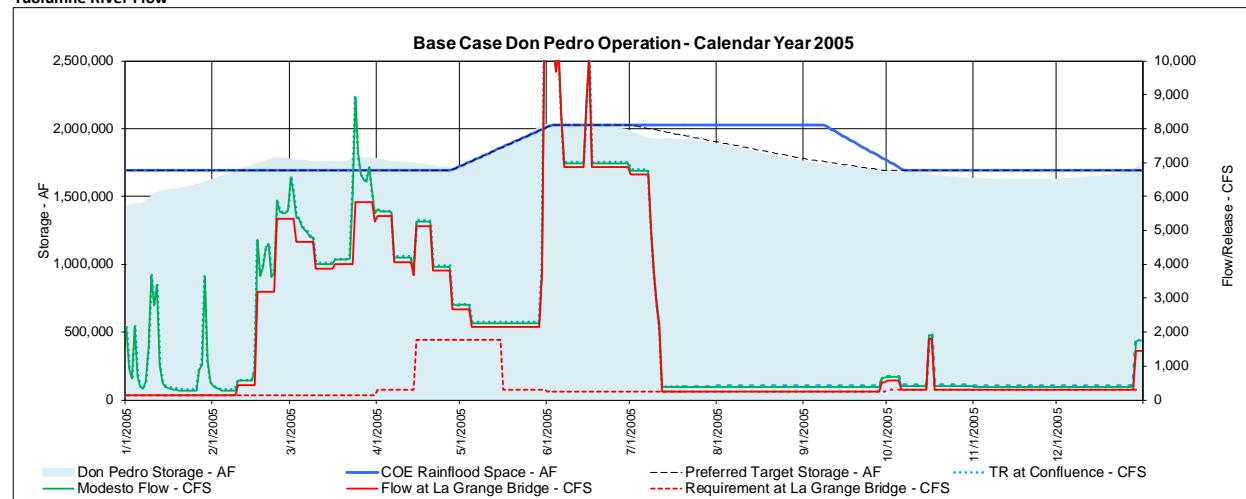
Figure B-34. Base case conditions – calendar year 2004 (Source: Version 3.00 of the Tuolumne River Operations Model).

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Tuolumne River Flow



Districts' Canals

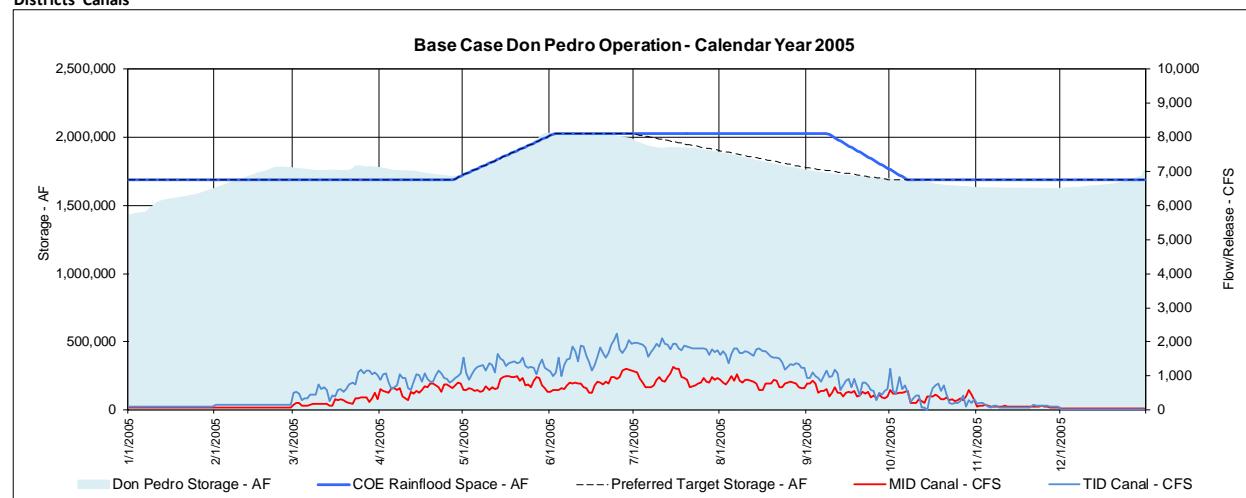
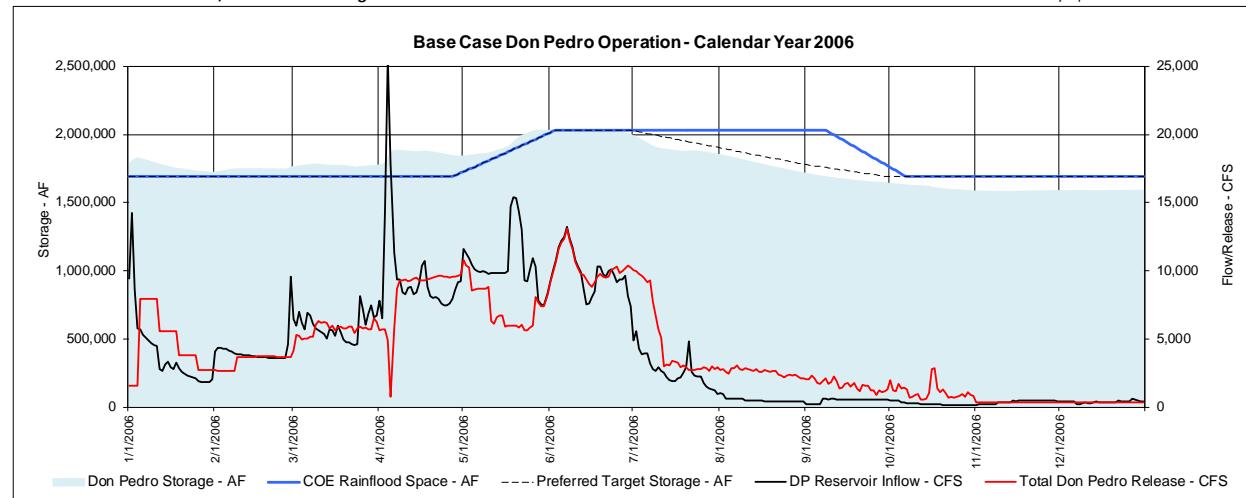


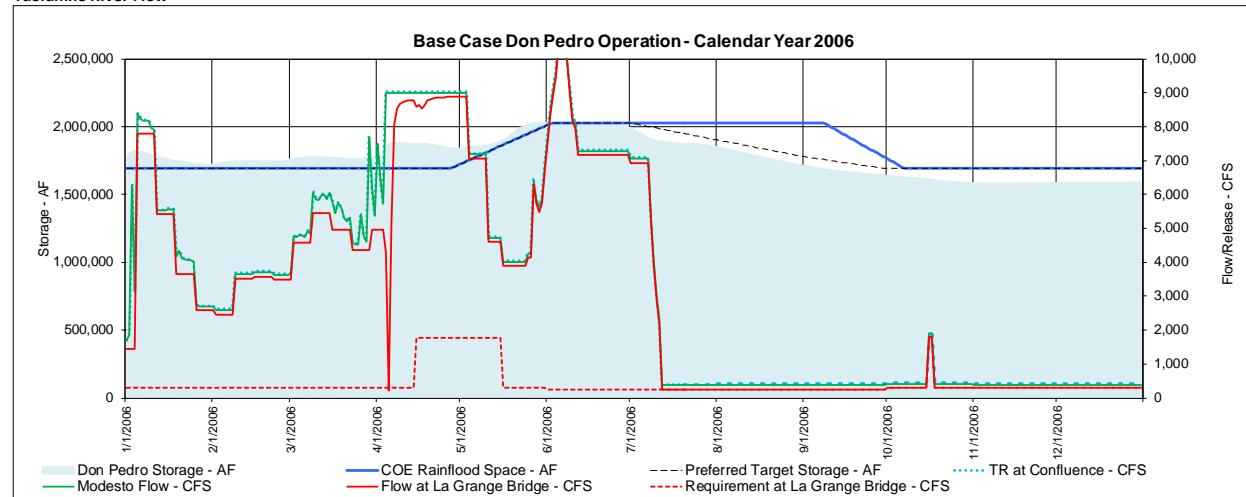
Figure B-35. Base case conditions – calendar year 2005 (Source: Version 3.00 of the Tuolumne River Operations Model).

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Tuolumne River Flow



Districts' Canals

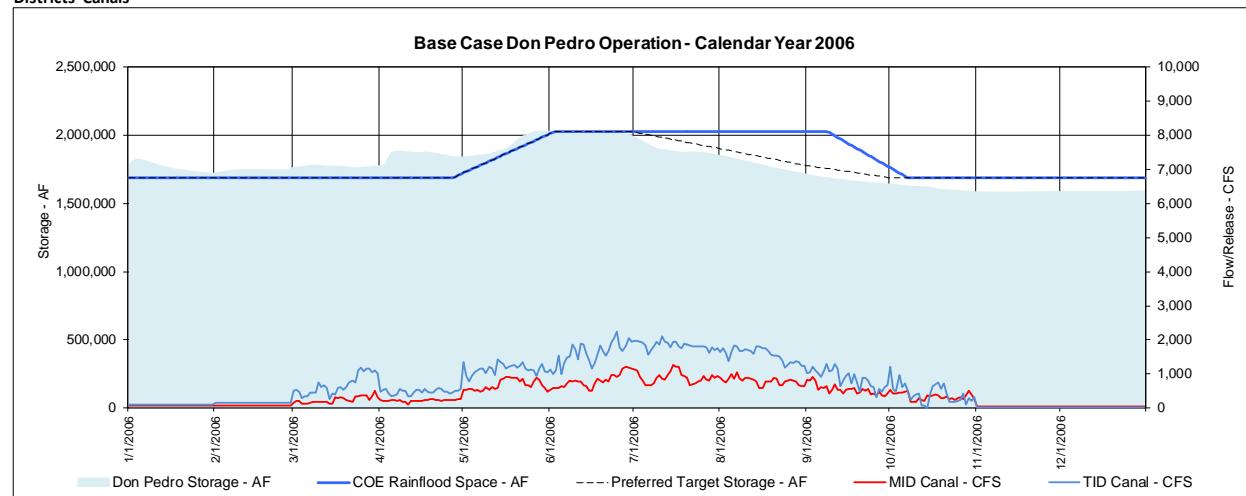


Figure B-36. Base case conditions – calendar year 2006 (Source: Version 3.00 of the Tuolumne River Operations Model).

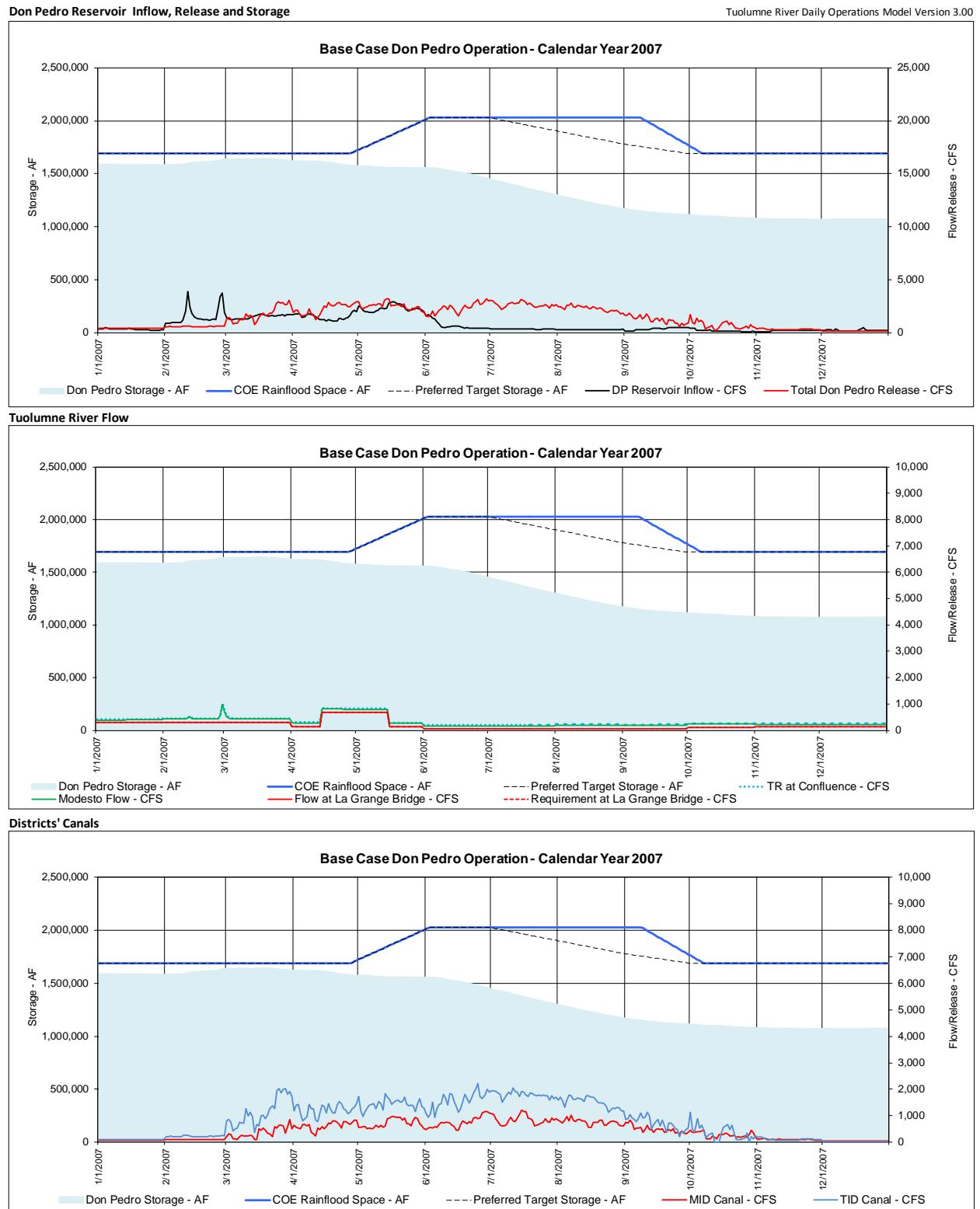


Figure B-37. Base case conditions – calendar year 2007 (Source: Version 3.00 of the Tuolumne River Operations Model).

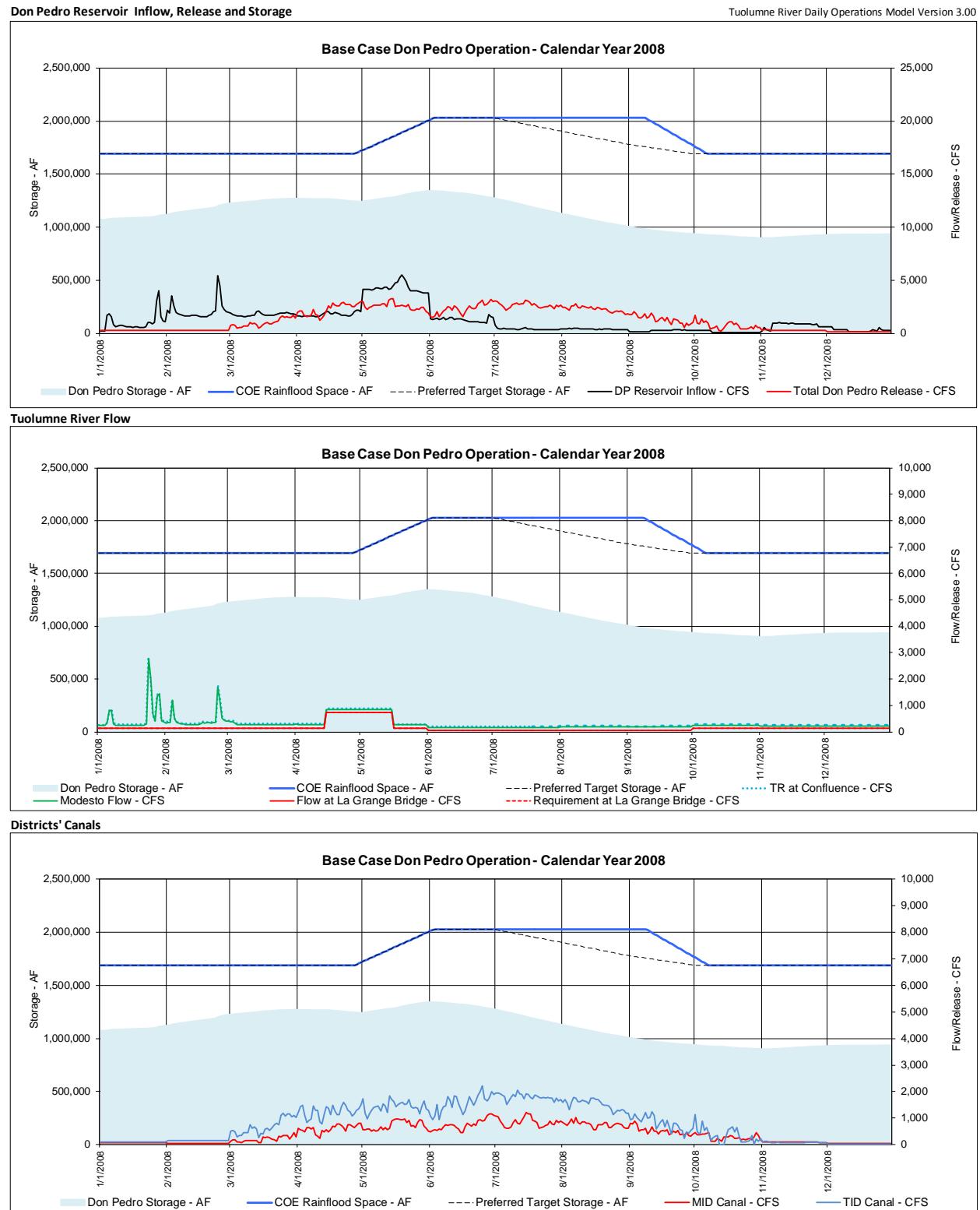


Figure B-38. Base case conditions – calendar year 2008 (Source: Version 3.00 of the Tuolumne River Operations Model).

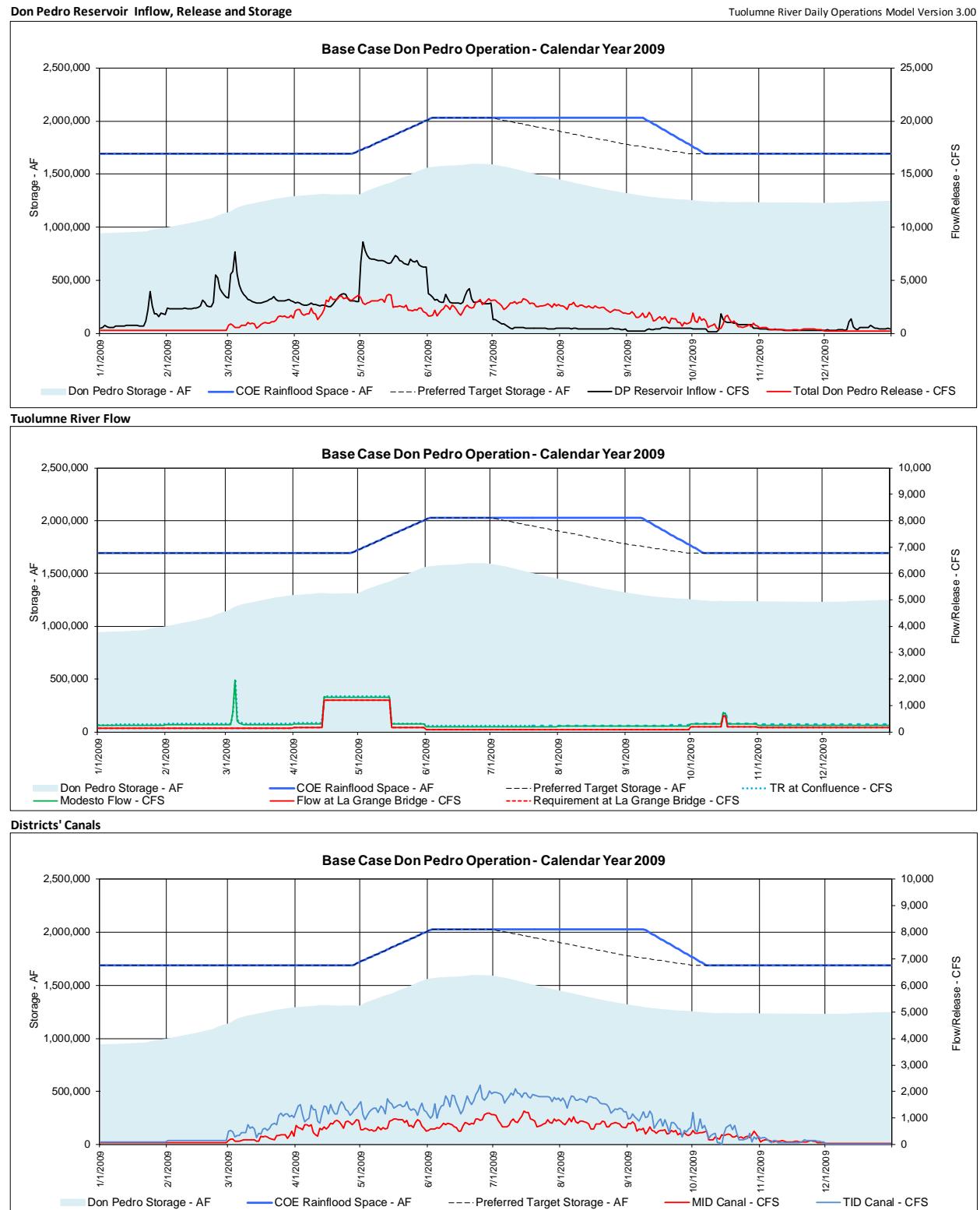
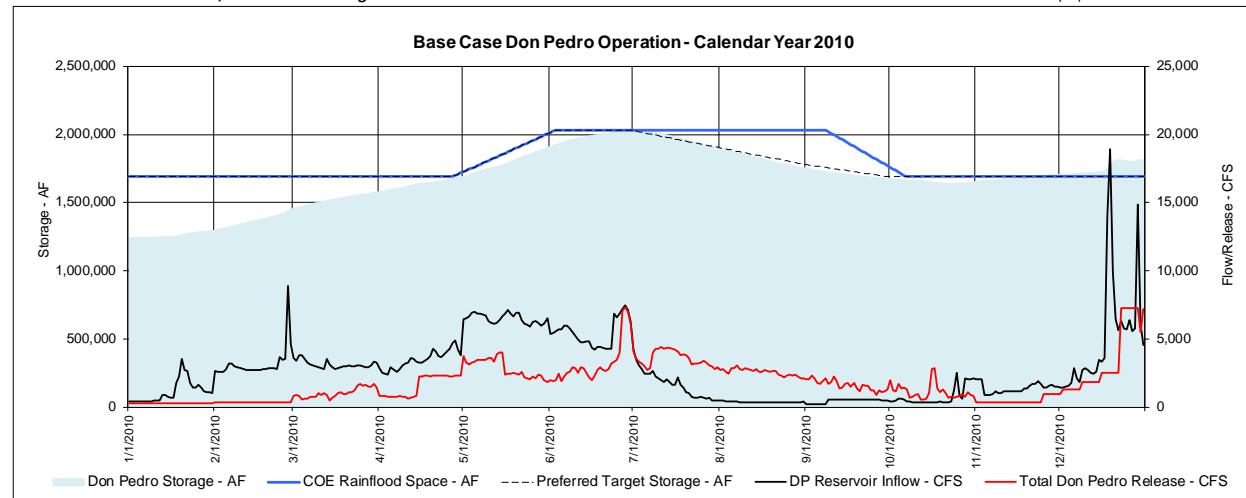


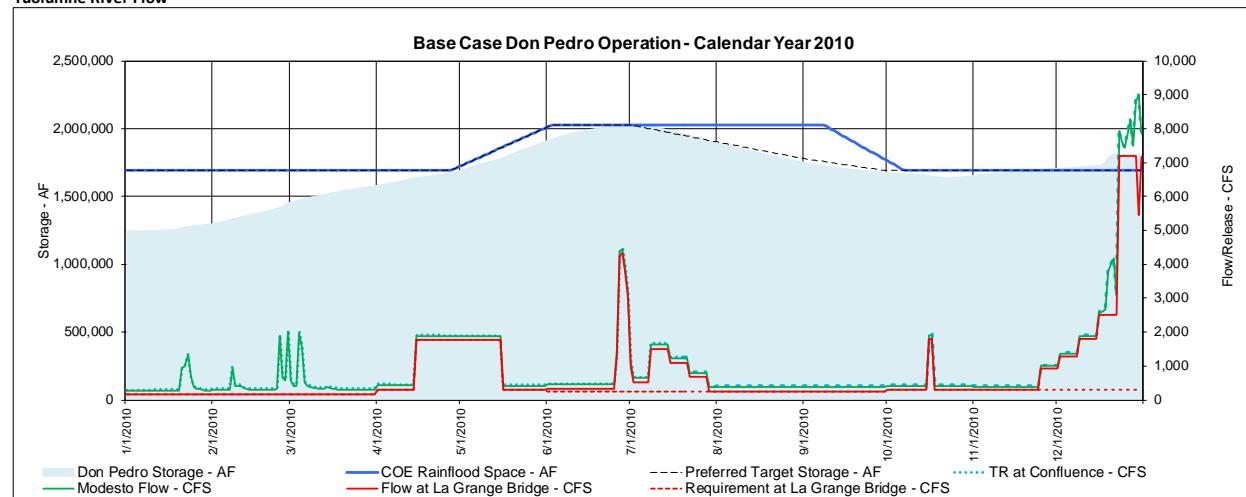
Figure B-39. Base case conditions – calendar year 2009 (Source: Version 3.00 of the Tuolumne River Operations Model).

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Tuolumne River Flow



Districts' Canals

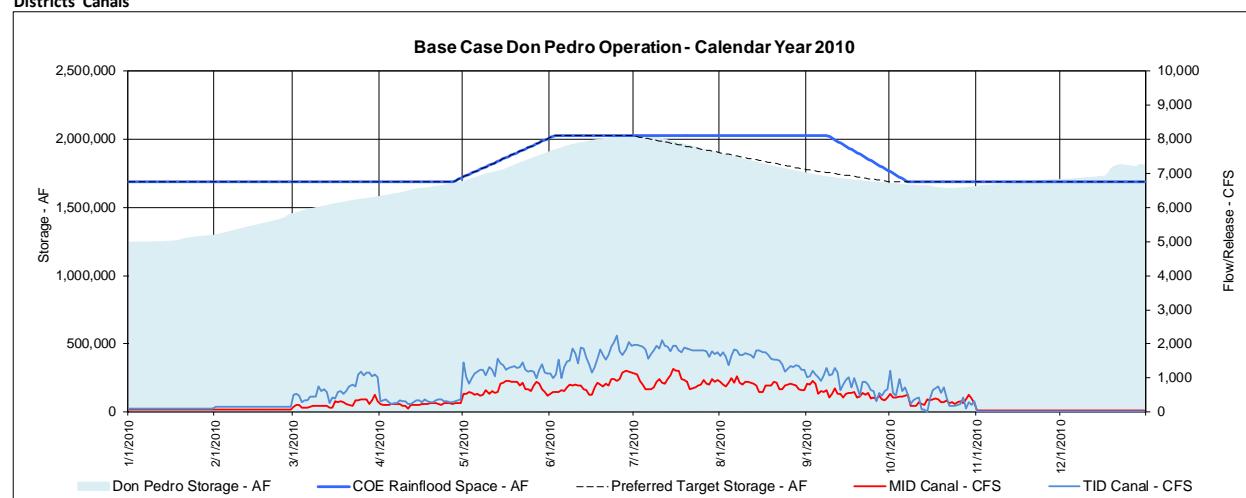


Figure B-40. Base case conditions – calendar year 2010 (Source: Version 3.00 of the Tuolumne River Operations Model).

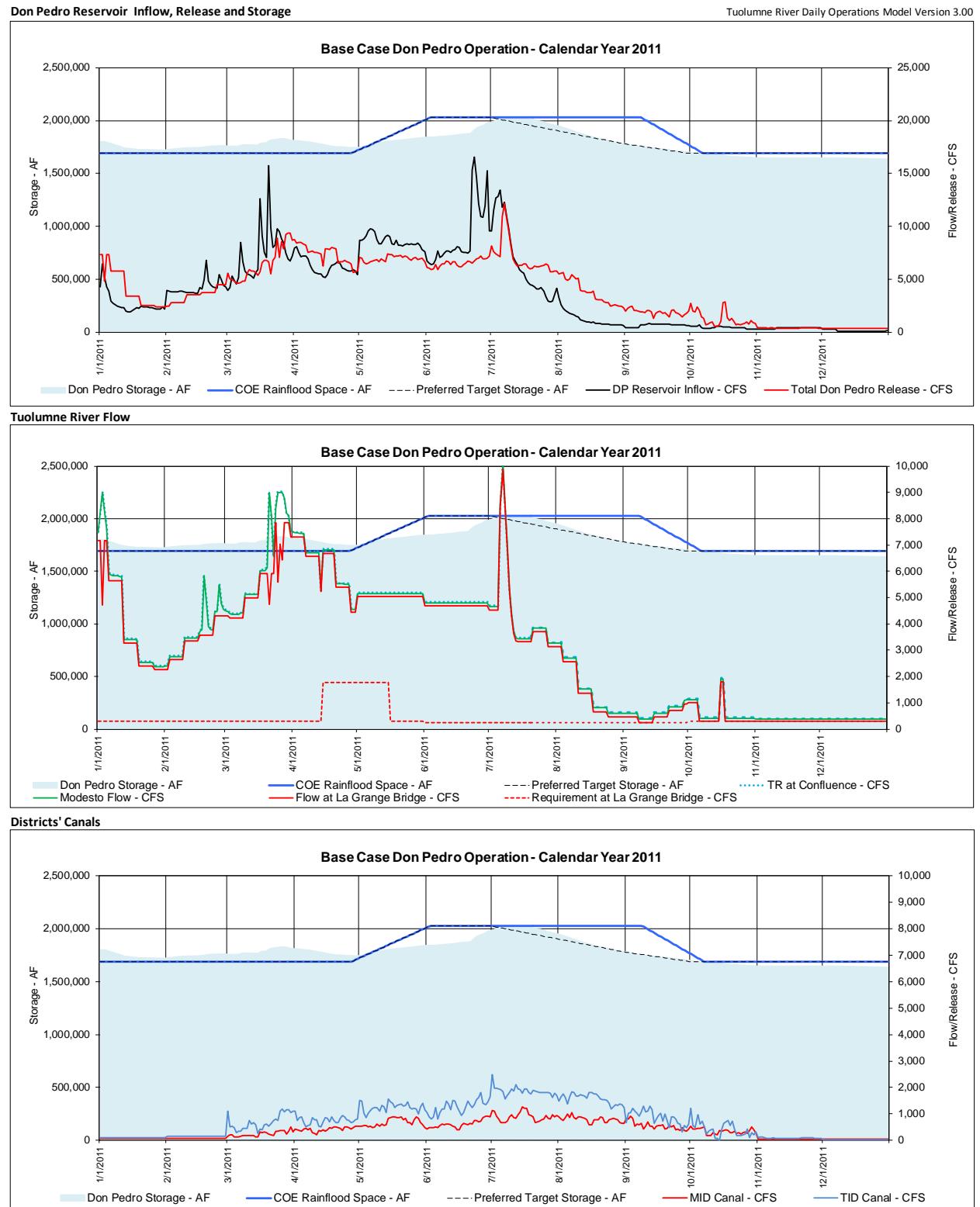
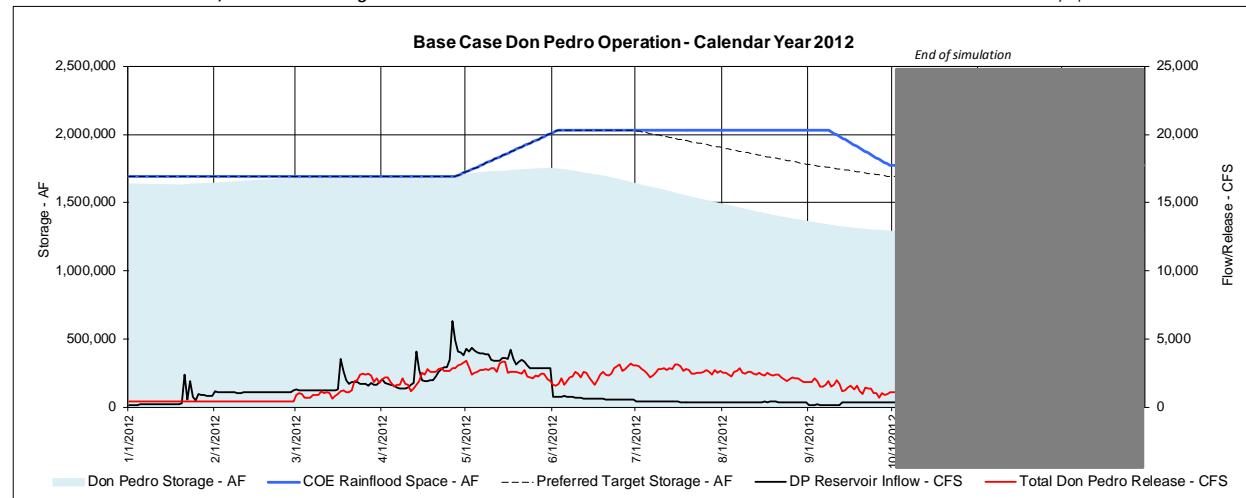


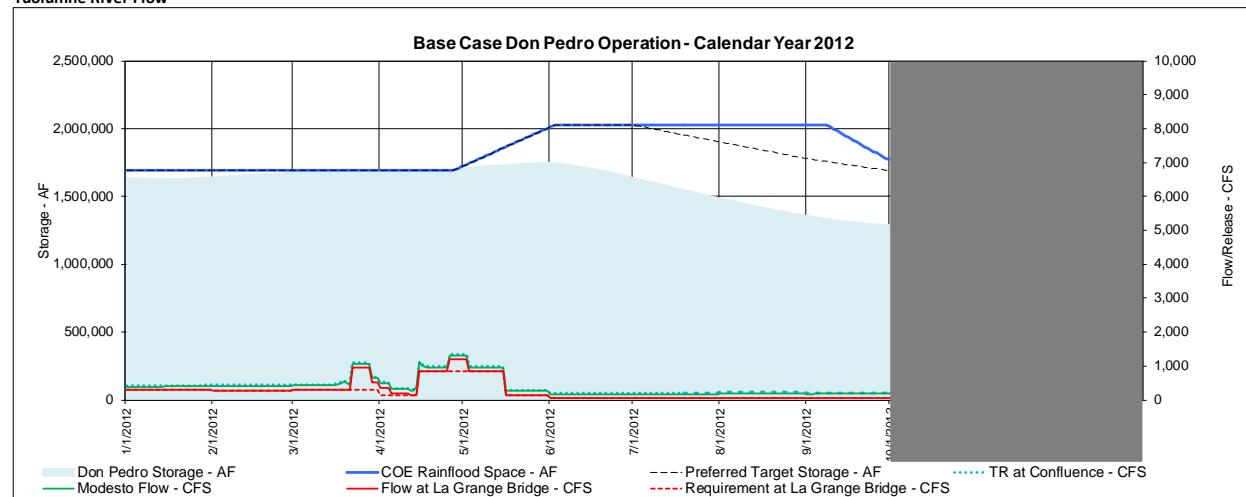
Figure B-41. Base case conditions – calendar year 2011 (Source: Version 3.00 of the Tuolumne River Operations Model).

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Tuolumne River Flow



Districts' Canals

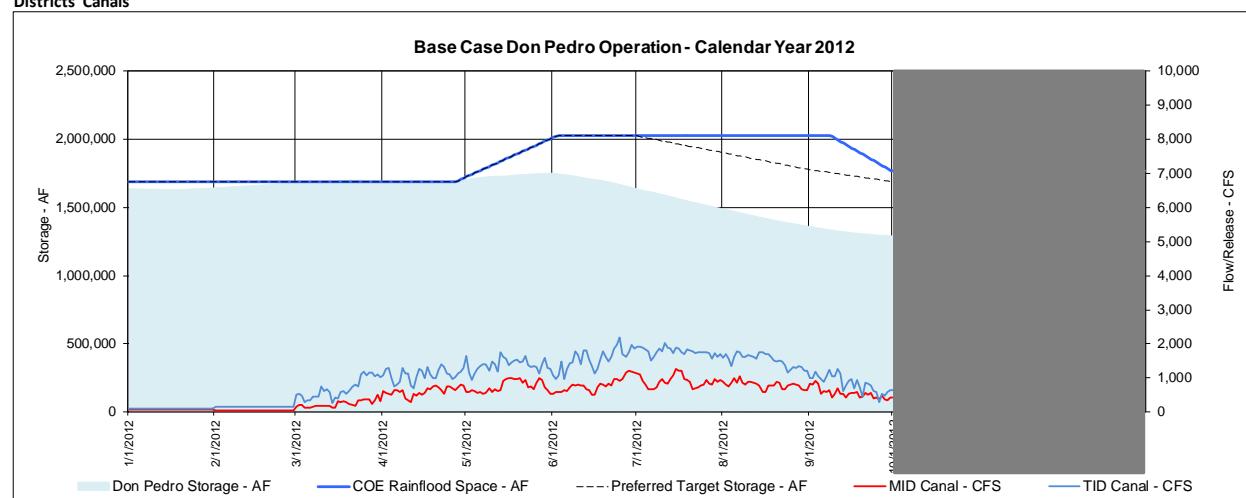


Figure B-42. Base case conditions – calendar year 2012 (Source: Version 3.00 of the Tuolumne River Operations Model).