

APPENDIX A-1

Model Study Description and Assumptions; Model Results for Project at 190MGD versus Baseline at 190MGD

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APPENDIX A

Model Study Description and Assumptions

Model Results for Project at 190MGD versus Baseline at 190MGD

Model Results for Cumulative with Project versus Cumulative without Project

Model Study Description and Assumptions

Four case studies are modeled in Riverware: 1) a baseline at 190MGD, 2) a Project at 190MGD, 3) Cumulative without project, 4) and Cumulative with Project. Below is a summary of the assumptions common to all model runs, a summary of the assumptions made to define the LVE project, and a summary of the model cases and comparisons made to conduct this environmental assessment.

Common Assumptions

The common assumptions for all the simulations are the following:

- ◆ Hydrologic Period: 1921-2012. Model applies the actual measured daily Mokelumne River inflows to Pardee Reservoir, with typical daily fluctuations. Model applies daily runoff into reservoirs computed from daily rainfall volume, with typical fluctuations.
- ◆ Drought Planning Sequence: 1976 thru 1978, Active
- ◆ New Drought Management Plan (adopted April 2015): Active

| Drought Stage | End-of-September Total System Storage (TAF) | Rationing Goal |
|---------------|---|------------------------|
| Normal | 500 TAF or more | None |
| Moderate | 500 – 425 TAF | 0 to 10% - Voluntary |
| Significant | 425 – 390 TAF | 10% to 15% - Voluntary |
| Severe | 390 – 325 TAF | 15% to 20% - Mandatory |
| Critical | Less than 325 TAF | 20% - Mandatory |

- ◆ JSA In-Stream Flow Requirements: Active
- ◆ Freeport Regional Water Project (FRWP) CVP Supply
 - Eligible to divert CVP water when EOS-TSS drops to 450 TAF or below.
 - CVP supply subject to the North of Delta M&I cutbacks and cannot exceed 133 TAF in any contract year. Three year cumulative CVP delivery cannot exceed 165 TAF.
 - 20 TAF of water is added to the dead storage of Pardee reservoir for gainshare.
 - Restricted during concurrent flood control release from Camanche Reservoir.
- ◆ North San Joaquin Water Conservation District: Active
 - NSJWCD is delivered their 20TAF before any water is moved to LVE.
- ◆ ACE Flood Control Requirements: Active

Los Vaqueros Reservoir Assumptions

The common assumptions for the Los Vaqueros Reservoir expansion are the following:

- ◆ Delivery to LV rate = 85 MGD, draft rate = 50 MGD. 5% loss rate per year applied to stored water.

- ◆ Moving partner water from FRWP to LV thru Aqueduct #2 is limited to October thru February.
- ◆ Moving Mokelumne water to LV is limited to May and June, at 15 TAF/year, for two years in a row. At least three years of system recovery time must be provided before moving more water to LV and before using aqueducts.
- ◆ Volume available to fill LV is computed as the excess volume above that which can be stored by EBMUD. This water is otherwise released to meet flood reserve requirements.
- ◆ When CCWD/partners want to fill LV, both Aqueducts #1 and #2 are encumbered, and assumed not available to EBMUD to convey water to the East Bay.

Summary of Model Cases Used in Analysis

A summary list of the model runs completed includes the following:

Case 1: Baseline at 190MGD

- EBMUD customer demand is set at 190MGD
- Other diversions in the watershed assigned to 2015 level of development (LOD)

Case 2: Project at 190MGD

- EBMUD customer demand is set at 190MGD
- Other diversions in the watershed assigned to 2015 level of development (LOD)
- LVE Active

Case 3: Cumulative without Project

- EBMUD customer demand is set at 230MGD
- Other diversions in the watershed assigned to 2040 level of development (LOD)

Case 4: Cumulative with Project

- EBMUD customer demand is set at 230MGD
- Other diversions in the watershed assigned to 2040 level of development (LOD)
- LVE Active

Summary of Model Comparisons performed for this Assessment

A summary list of the model comparisons completed includes the following:

Comparison 1: Baseline at 190MGD vs. Project at 190MGD

Comparison 2: Cumulative without Project vs. Cumulative with Project

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1) Model Results for Project at 190MGD versus Baseline at 190MGD

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Figure WR-1(a). Pardee Storage - Project at 190MGD vs Baseline at 190MGD

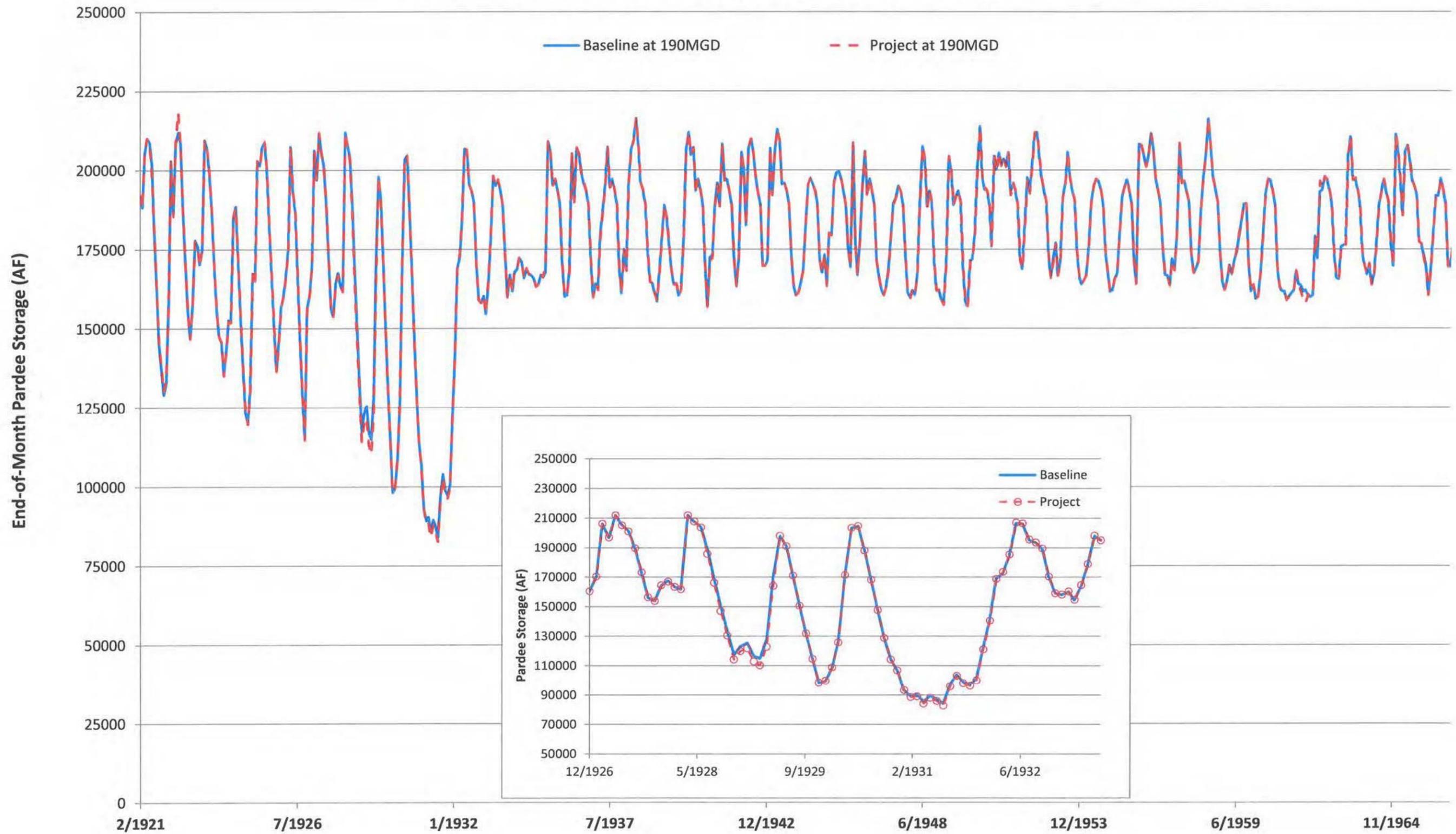


Figure WR-1(b). Pardee Storage - Project at 190MGD vs Baseline at 190MGD

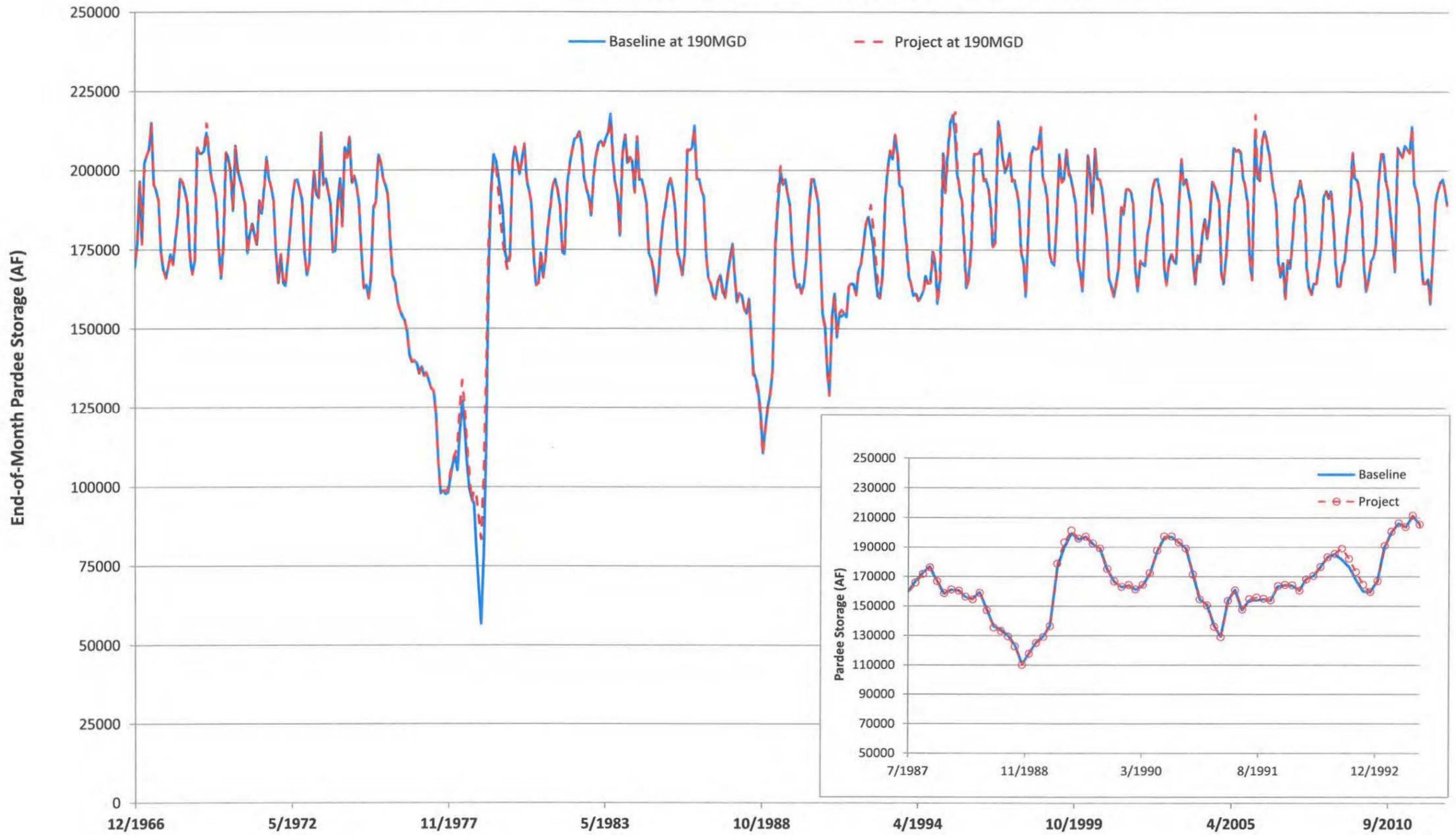


Figure WR-2(a). Camanche Storage - Project at 190MGD vs Baseline at 190MGD

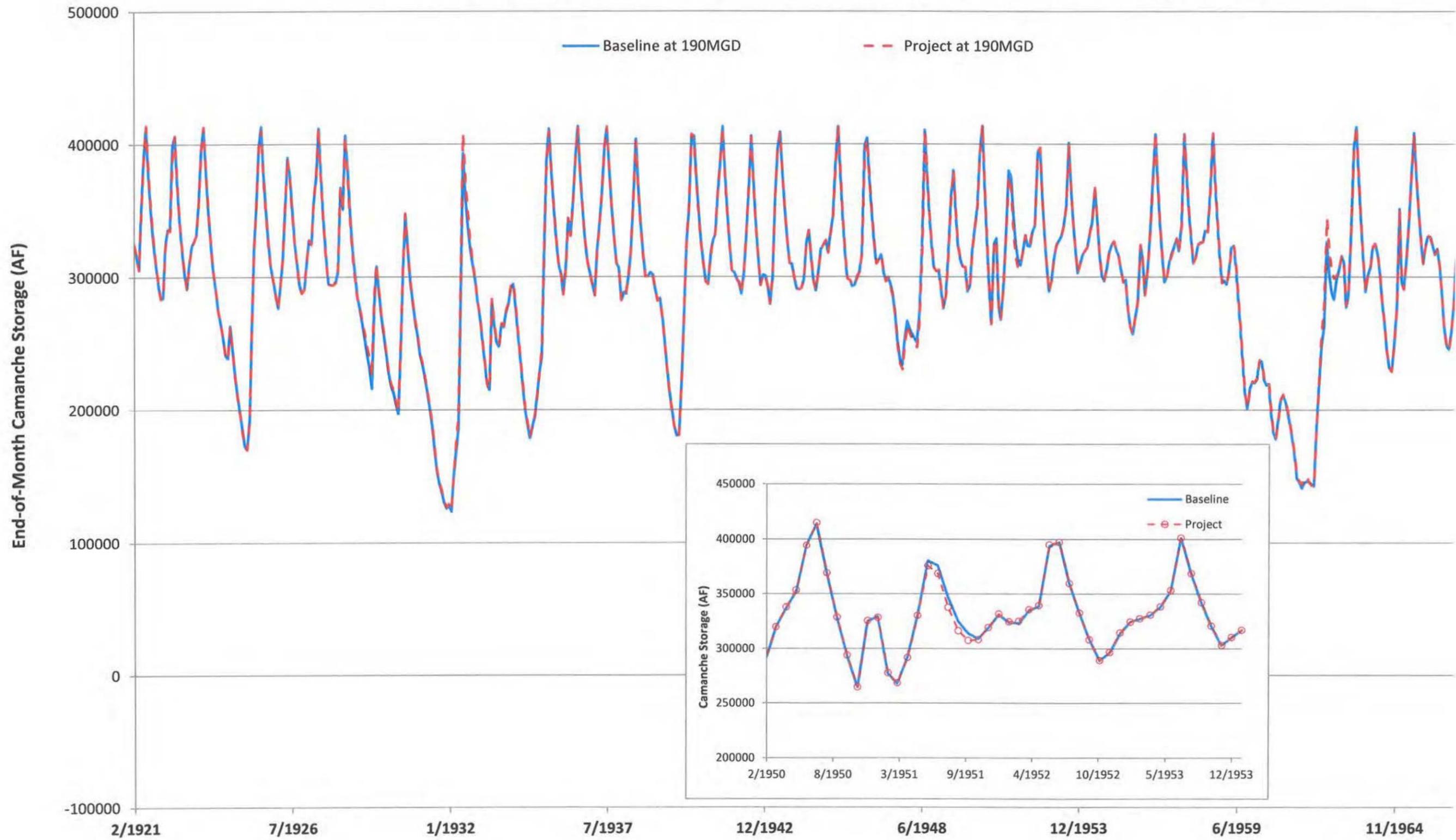


Figure WR-2(b). Camanche Storage - Project at 190MGD vs Baseline at 190MGD

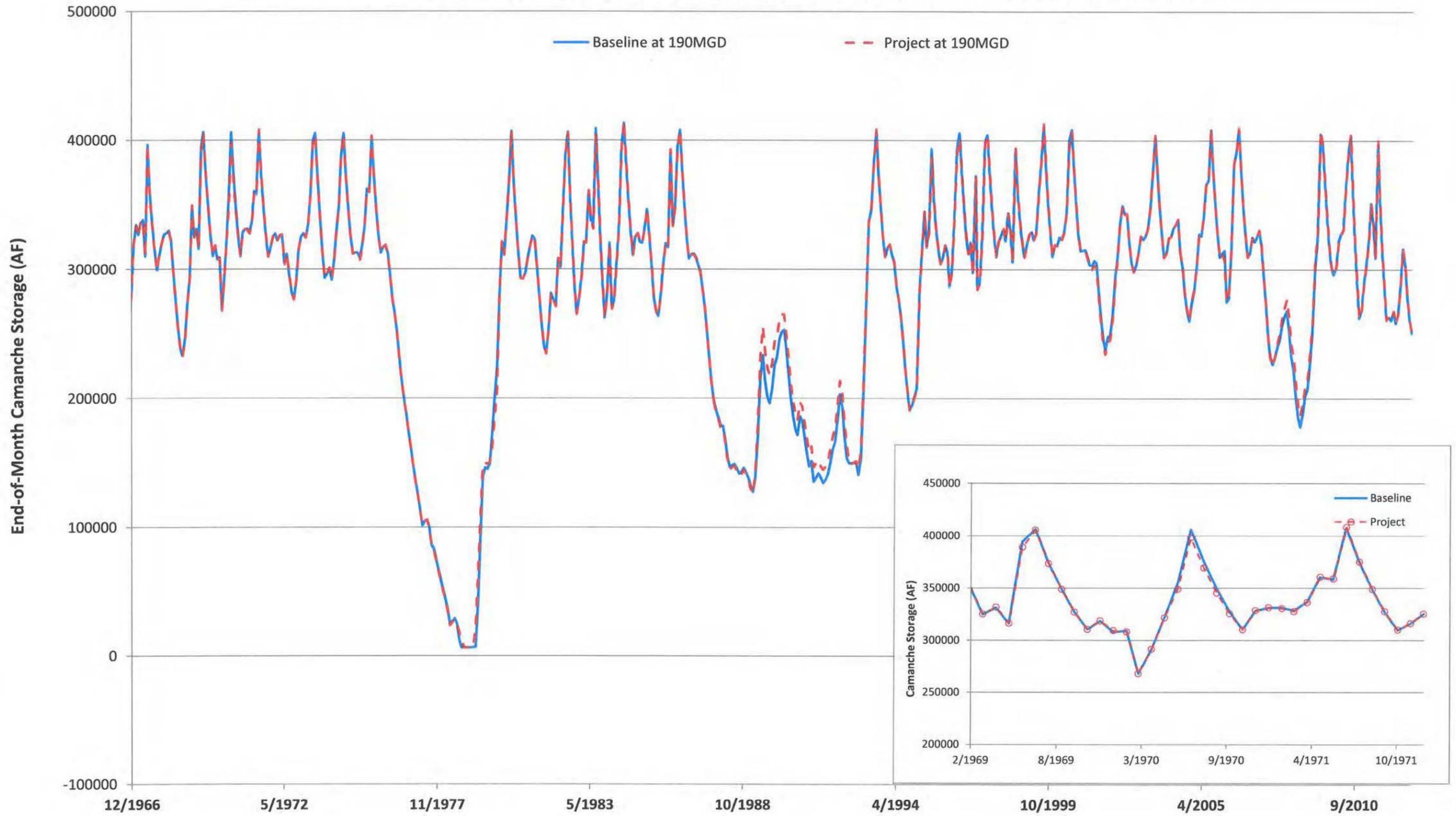


Figure WR-3(a). End-of-September Total System Storage

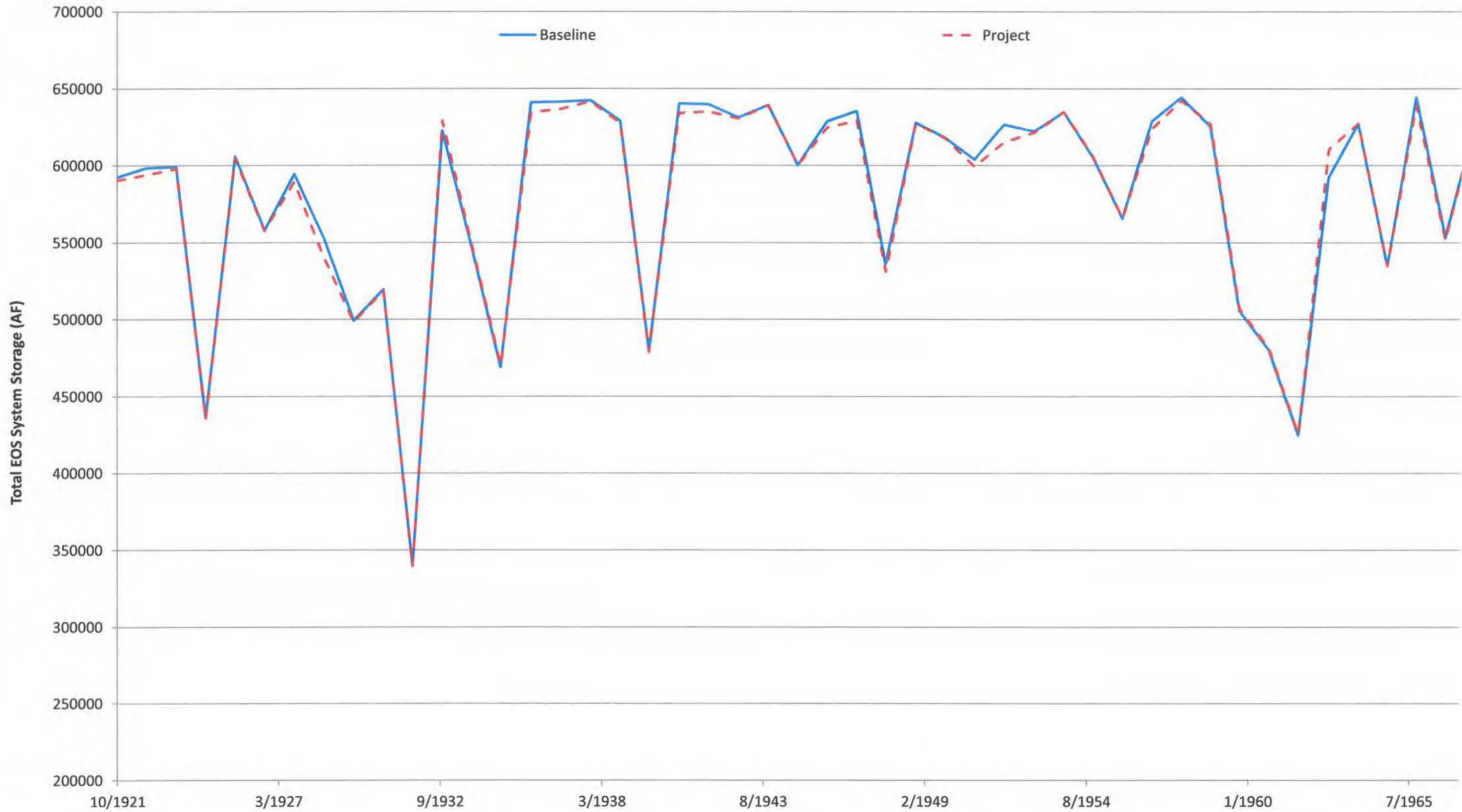


Figure WR-3(b). End-of-September Total System Storage

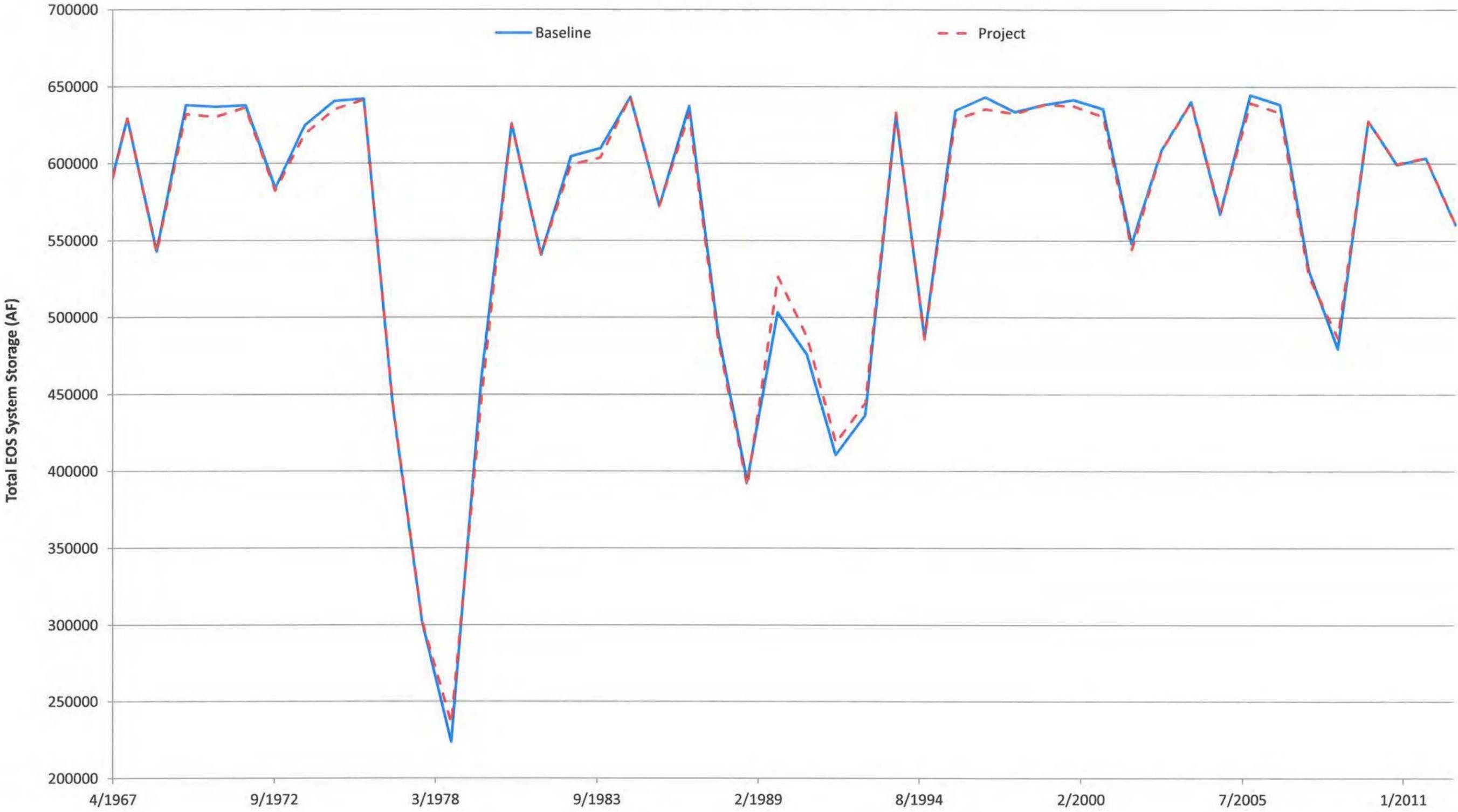


Figure WR-4(a). Camanche Total Outflow - Project at 190MGD vs Baseline at 190MGD

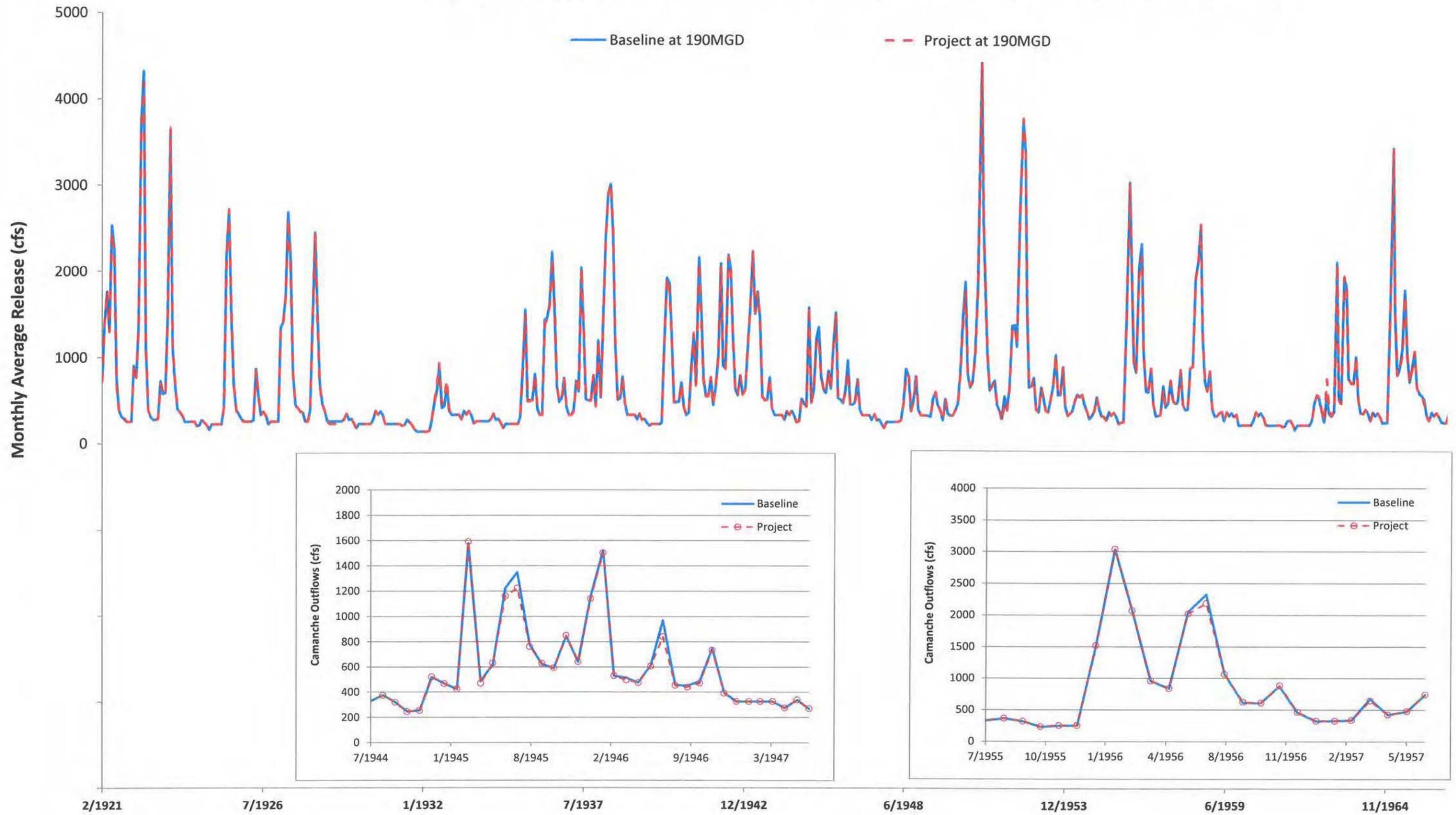


Figure WR-4(b). Camanche Total Outflow - Project at 190MGD vs Baseline at 190MGD

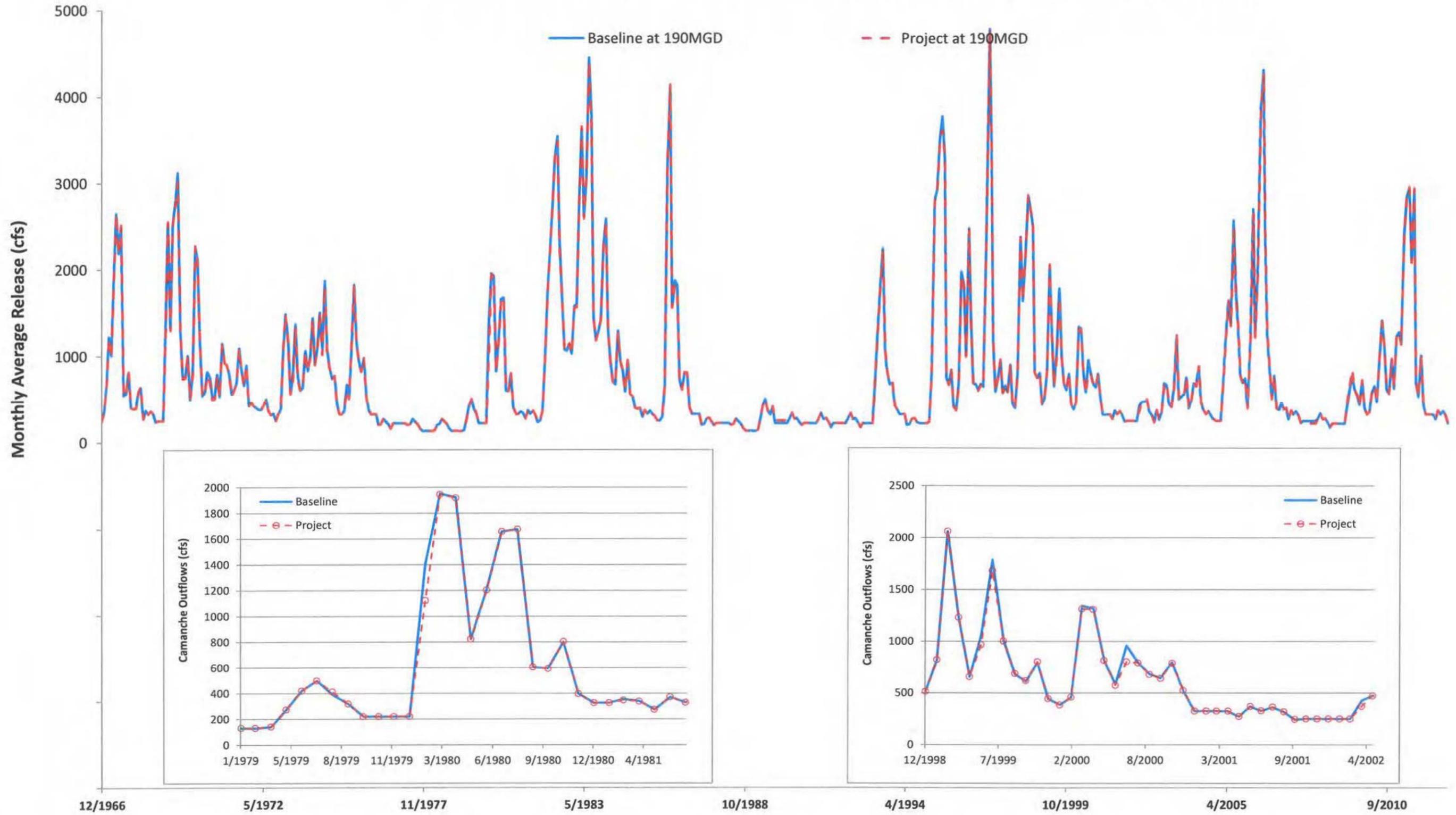
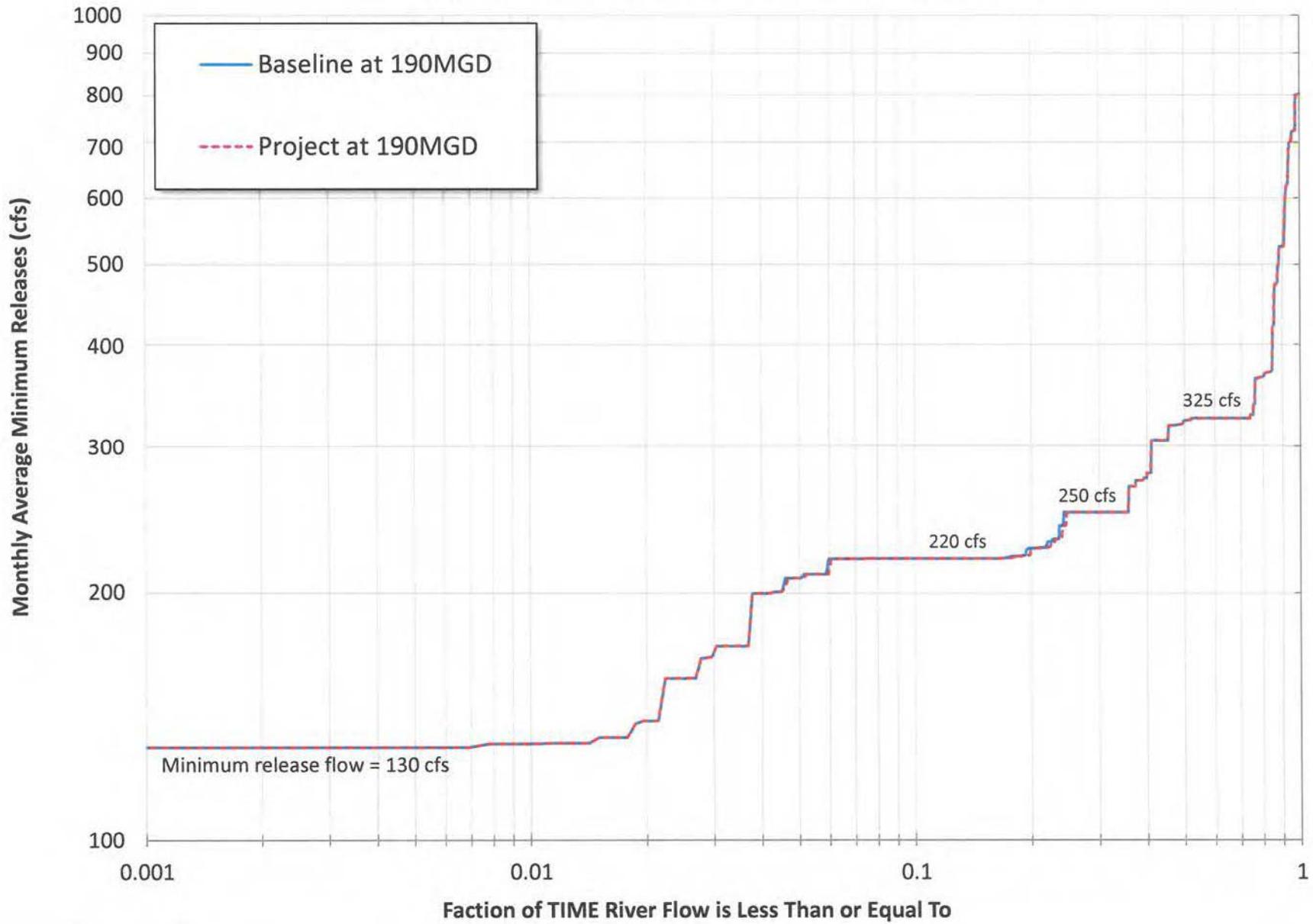


Figure WR-5. Camanche Required Minimum Release



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Figure WR-6(a). Camanche Flood Releases - Project at 190MGD vs Baseline at 190MGD

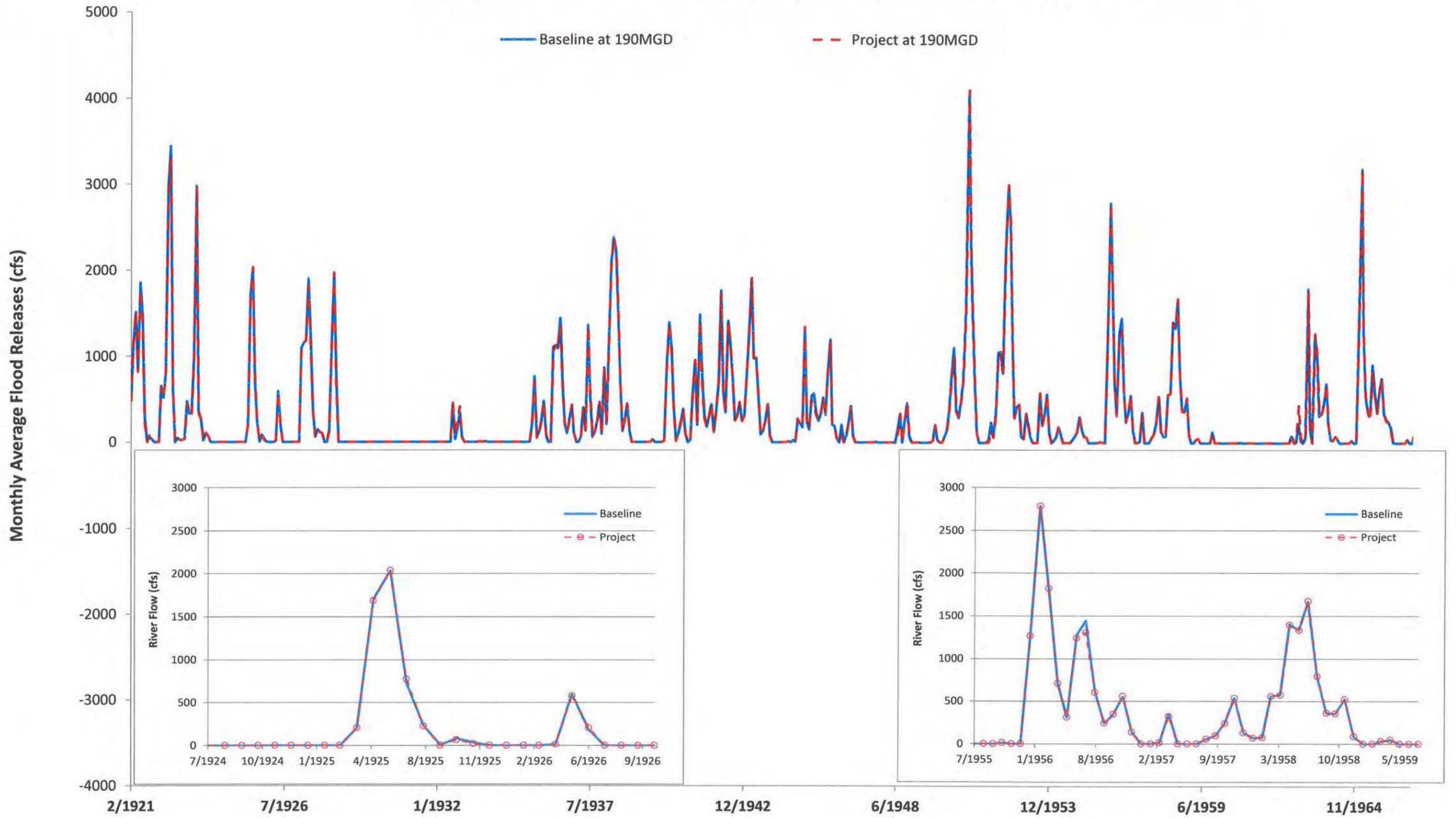


Figure WR-6(b). Camanche Flood Releases - Project at 190MGD vs Baseline at 190MGD

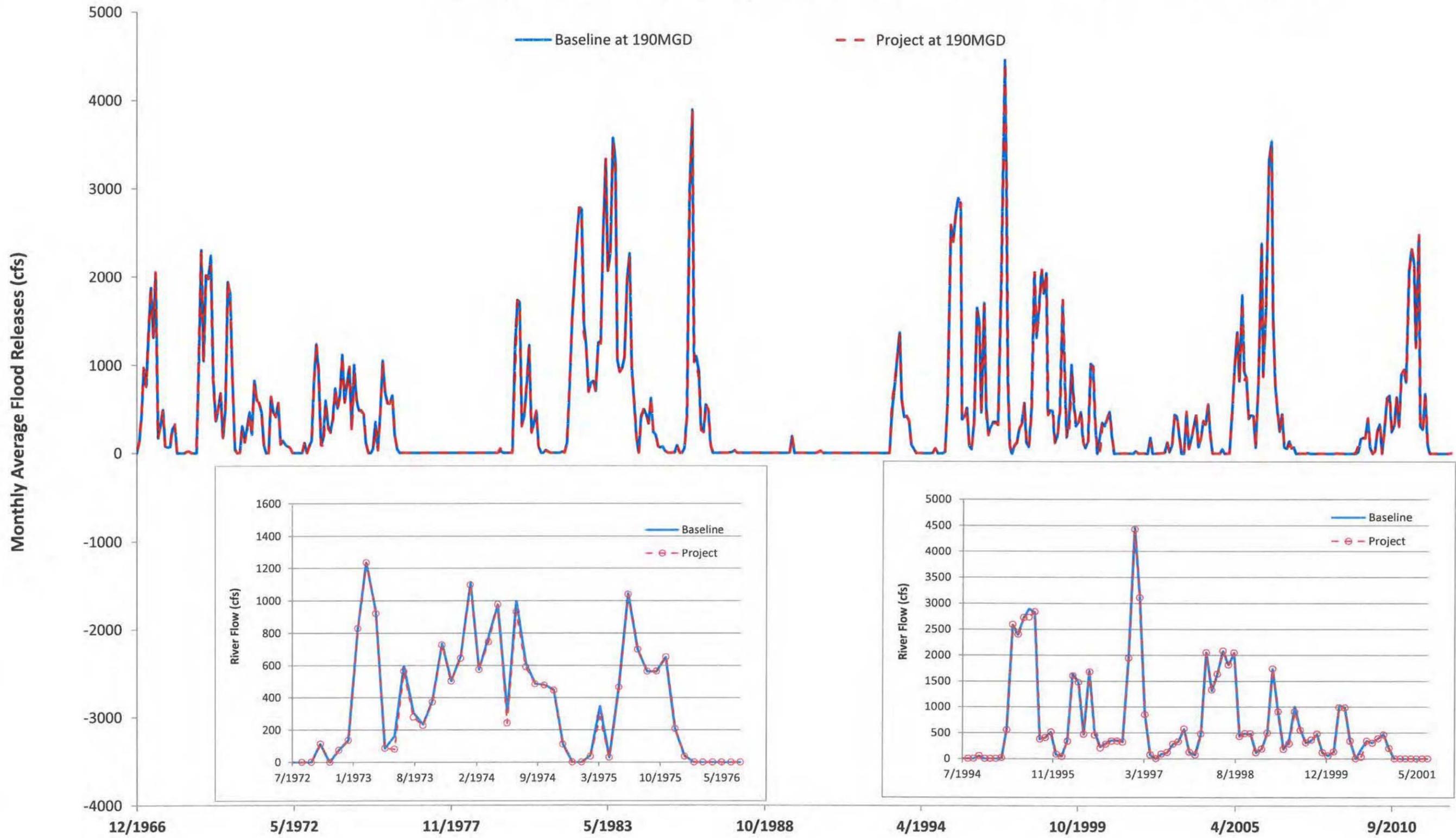


Figure WR-7(a). Flows below WID - Project at 190MGD vs Baseline at 190MGD

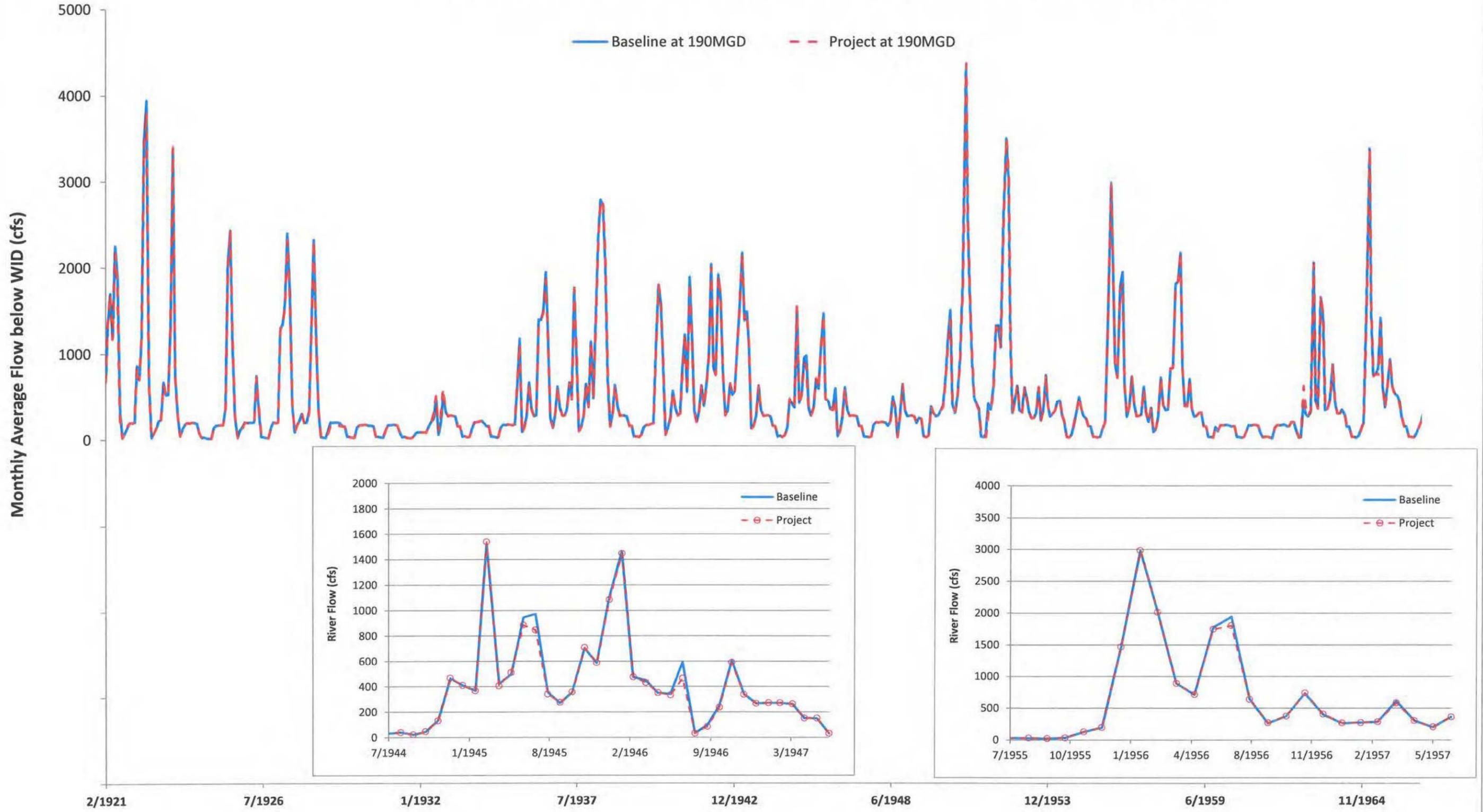


Figure WR-7(b). Flows below WID - Project at 190MGD vs Baseline at 190MGD

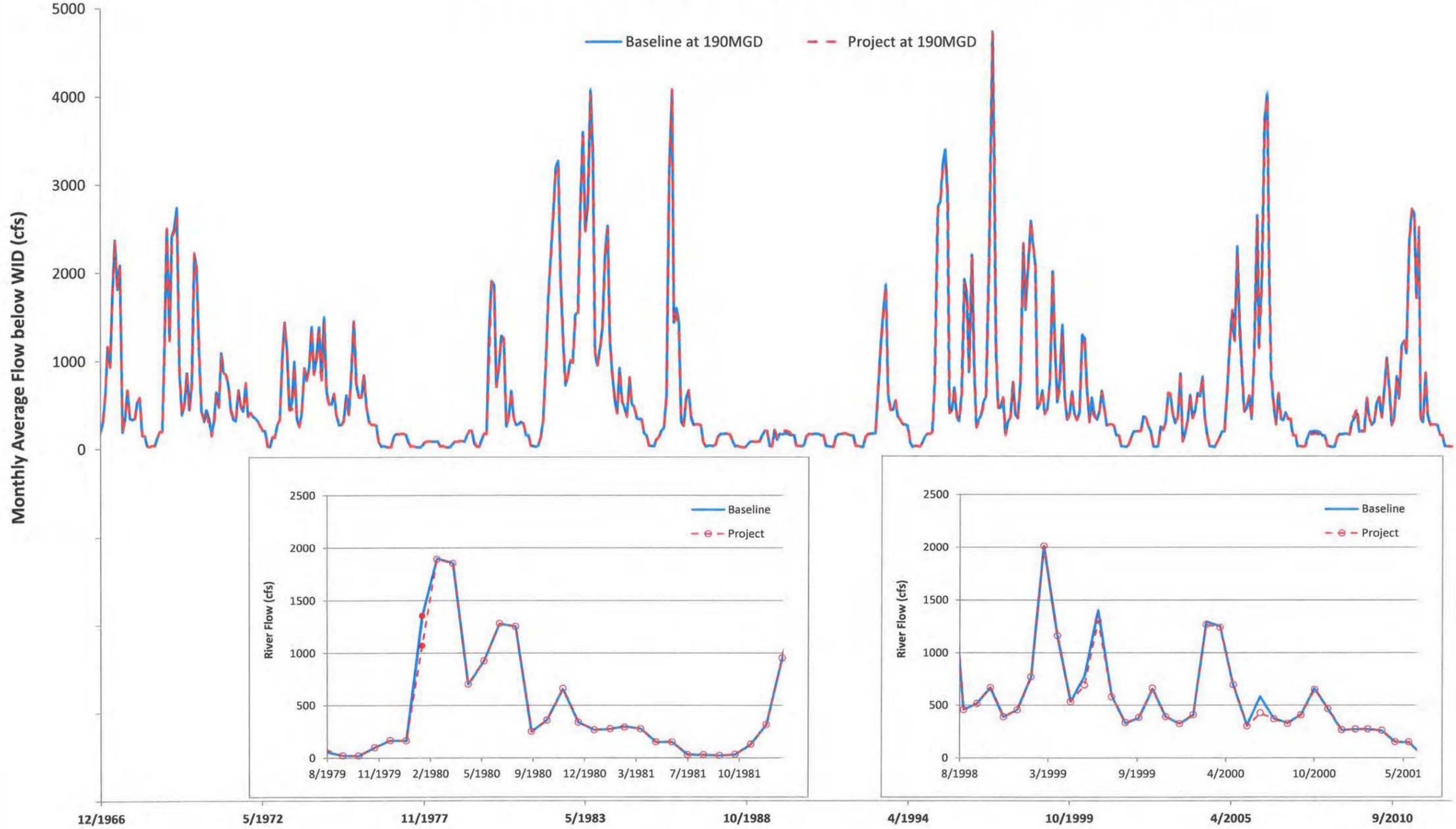
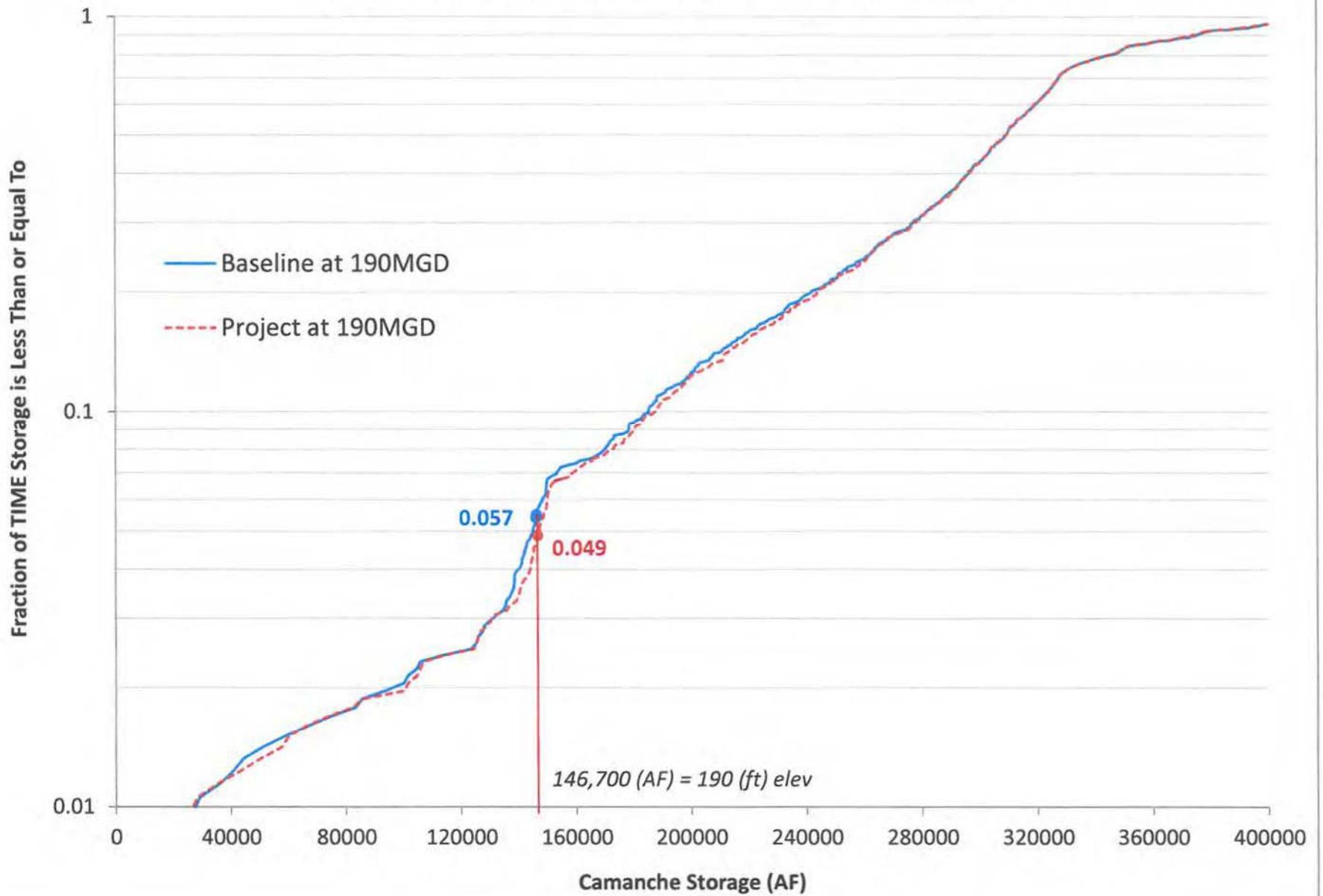


Figure WR-8. Frequency Distribution of Camanche Storage



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8026 Baseline at 190MGD

New DMP EOS-TSS triggers (325-390-425-500 TAF) and rationing schedule (20-15-10-0).

FRWP: First year July start at 110 cfs, 450 trigger. JSA, gainshare are active.

EBMUD demand at 190 MGD with 2015 LOD for diversions

8027 Project at 190MGD

New DMP EOS-TSS triggers (325-390-425-500 TAF) and rationing schedule (20-15-10-0).

FRWP: First year July start at 110 cfs, 450 trigger. JSA, gainshare are active.

EBMUD demand at 190 MGD with 2015 LOD for diversions

Definitions:

TRA = Terminal Reservoir Area

Below Lodi = below Woodbridge Irrigation District

Camanche Out Flow = Total Cmanche Release

JSA Yea Type: 0 = Above Normal

1 = Below Normal

2 = Dry

3 = Critically Dry

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| Date | Baseline at 190MGD (acre-ft) Pardee Storage | Project at 190MGD (acre-ft) Pardee Storage | Baseline at 190MGD (acre-ft) Camanche Storage | Project at 190MGD (acre-ft) Camanche Storage | Baseline at 190MGD (acre-ft) TRA Storage | Project at 190MGD (acre-ft) TRA Storage | Baseline at 190MGD (NA) JSA Year Type | Project at 190MGD (NA) JSA Year Type | Baseline at 190MGD (cfs) Camanche Outflow | Project at 190MGD (cfs) Camanche Outflow | Baseline at 190MGD (cfs) Required Minimum Flows | Project at 190MGD (cfs) Required Minimum Flows | Baseline at 190MGD (cfs) Camanche Flood Release | Project at 190MGD (cfs) Camanche Flood Release | Baseline at 190MGD (cfs) Flow below Lodi Lake | Project at 190MGD (cfs) Flow below Lodi Lake |
|---------|---|--|---|--|---|--|--|---|---|--|---|--|---|--|---|--|
| 1/1921 | 191952.6 | 191952.6 | 324369.1 | 324369.1 | 134534.2 | 134534.2 | 1 | 1 | 726.1 | 726.1 | 241.94 | 241.94 | 484.2 | 484.2 | 675.19 | 675.19 |
| 2/1921 | 188287.4 | 188287.4 | 316801.3 | 316801.3 | 139030.0 | 139030.0 | 1 | 1 | 1387.1 | 1387.1 | 250.00 | 250.00 | 1137.1 | 1137.1 | 1333.56 | 1333.56 |
| 3/1921 | 205793.3 | 205793.3 | 305326.5 | 305326.5 | 144403.2 | 144403.2 | 1 | 1 | 1762.6 | 1762.6 | 250.00 | 250.00 | 1512.6 | 1512.6 | 1698.33 | 1698.33 |
| 4/1921 | 210010.1 | 210010.1 | 348775.1 | 348775.1 | 145617.1 | 145617.1 | 1 | 1 | 1295.3 | 1295.3 | 474.84 | 474.84 | 820.5 | 820.5 | 1174.36 | 1174.36 |
| 5/1921 | 208634.4 | 208176.2 | 389037.2 | 388828.6 | 141819.3 | 139454.7 | 1 | 1 | 2532.9 | 2451.0 | 678.12 | 677.94 | 1854.8 | 1773.0 | 2254.94 | 2173.18 |
| 6/1921 | 201687.8 | 198990.3 | 411858.5 | 413980.3 | 136326.7 | 131700.5 | 1 | 1 | 2248.2 | 2154.1 | 778.53 | 778.42 | 1469.7 | 1375.7 | 1869.70 | 1775.70 |
| 7/1921 | 180750.0 | 182025.2 | 376932.2 | 379028.4 | 130429.5 | 125867.8 | 1 | 1 | 733.4 | 668.7 | 452.71 | 452.63 | 280.7 | 216.1 | 310.84 | 246.22 |
| 8/1921 | 162593.9 | 163833.5 | 349347.6 | 351367.8 | 124687.6 | 120182.0 | 1 | 1 | 374.0 | 375.0 | 374.04 | 374.04 | 0.0 | 1.0 | 21.58 | 22.56 |
| 9/1921 | 145218.4 | 146447.5 | 327635.7 | 328731.6 | 119565.0 | 115112.8 | 1 | 1 | 310.9 | 326.3 | 254.17 | 254.27 | 56.7 | 72.0 | 77.45 | 92.75 |
| 10/1921 | 136822.3 | 138043.0 | 310031.2 | 310201.2 | 116190.2 | 111788.6 | 1 | 1 | 283.3 | 298.3 | 250.00 | 250.00 | 33.3 | 48.3 | 141.74 | 156.72 |
| 11/1921 | 129088.6 | 130302.0 | 295917.7 | 295977.8 | 115725.4 | 111364.6 | 1 | 1 | 250.0 | 251.9 | 250.00 | 250.00 | 1.8 | 1.9 | 193.93 | 195.77 |
| 12/1921 | 132885.2 | 133678.3 | 283607.7 | 283667.8 | 127258.0 | 123335.5 | 1 | 1 | 250.0 | 250.0 | 250.00 | 250.00 | 0.0 | 0.0 | 192.89 | 192.89 |
| 1/1922 | 159145.8 | 158691.3 | 284551.0 | 284986.5 | 136116.7 | 133097.2 | 1 | 1 | 250.0 | 250.0 | 250.00 | 250.00 | 0.0 | 0.0 | 201.65 | 201.65 |
| 2/1922 | 202890.2 | 202760.1 | 322255.0 | 322049.7 | 144194.5 | 142651.6 | 1 | 1 | 905.0 | 885.7 | 250.00 | 250.00 | 655.0 | 635.7 | 863.52 | 844.28 |
| 3/1922 | 185640.3 | 185422.0 | 335848.9 | 335148.2 | 148458.8 | 147511.8 | 1 | 1 | 766.5 | 766.5 | 250.00 | 250.00 | 516.5 | 516.5 | 700.27 | 700.27 |
| 4/1922 | 208446.1 | 208397.6 | 335729.0 | 334871.6 | 148843.0 | 148634.7 | 0 | 0 | 1332.2 | 1319.7 | 525.00 | 525.00 | 807.2 | 794.7 | 1210.09 | 1197.62 |
| 5/1922 | 212000.0 | 218347.0 | 398156.8 | 389210.2 | 145643.1 | 143036.7 | 0 | 0 | 3745.2 | 3680.6 | 779.00 | 778.98 | 2966.2 | 2901.7 | 3466.66 | 3402.16 |
| 6/1922 | 208435.2 | 207991.9 | 405798.4 | 406065.6 | 140505.5 | 135640.4 | 0 | 0 | 4320.0 | 4186.7 | 880.38 | 880.30 | 3439.6 | 3306.4 | 3941.10 | 3807.89 |
| 7/1922 | 186837.2 | 186814.2 | 368474.0 | 368887.4 | 134615.4 | 129809.0 | 0 | 0 | 1091.8 | 1082.5 | 457.30 | 457.30 | 634.5 | 625.2 | 668.70 | 659.43 |
| 8/1922 | 170996.7 | 170974.0 | 340751.7 | 341162.2 | 128857.7 | 124108.9 | 0 | 0 | 377.5 | 377.5 | 377.51 | 377.51 | 0.0 | 0.0 | 25.04 | 25.04 |
| 9/1922 | 155344.4 | 155321.9 | 319383.8 | 319606.4 | 123669.9 | 118976.7 | 0 | 0 | 305.7 | 308.8 | 259.09 | 259.11 | 46.6 | 49.7 | 72.23 | 75.33 |
| 10/1922 | 146716.0 | 146693.6 | 302135.4 | 302173.8 | 121389.9 | 116742.6 | 1 | 1 | 272.7 | 275.7 | 250.00 | 250.00 | 22.7 | 25.7 | 130.96 | 133.95 |
| 11/1922 | 156816.4 | 156794.2 | 291001.0 | 291001.0 | 122778.0 | 118164.4 | 1 | 1 | 272.0 | 272.6 | 250.00 | 250.00 | 22.0 | 22.6 | 218.28 | 218.92 |
| 12/1922 | 177888.1 | 177548.0 | 310027.6 | 309630.8 | 134898.2 | 131321.4 | 1 | 1 | 288.7 | 283.9 | 250.00 | 250.00 | 38.7 | 33.9 | 231.86 | 227.05 |
| 1/1923 | 176229.7 | 175781.6 | 323148.2 | 323295.2 | 135884.4 | 133706.3 | 1 | 1 | 725.8 | 696.8 | 250.00 | 250.00 | 475.8 | 446.8 | 674.14 | 645.14 |
| 2/1923 | 170370.1 | 169871.3 | 326961.1 | 326661.8 | 137492.6 | 136025.7 | 1 | 1 | 578.6 | 575.0 | 250.00 | 250.00 | 328.6 | 325.0 | 525.98 | 522.41 |
| 3/1923 | 175016.1 | 175063.7 | 331775.2 | 331823.2 | 140919.5 | 139565.2 | 1 | 1 | 590.3 | 574.2 | 250.00 | 250.00 | 340.3 | 324.2 | 527.24 | 511.13 |
| 4/1923 | 209466.7 | 209458.5 | 355869.0 | 355830.7 | 145052.2 | 143850.0 | 1 | 1 | 1441.3 | 1441.3 | 474.87 | 474.87 | 966.4 | 966.4 | 1322.43 | 1322.43 |
| 5/1923 | 206823.3 | 206823.3 | 395292.4 | 395595.3 | 140698.0 | 139160.6 | 1 | 1 | 3658.1 | 3658.1 | 679.01 | 679.01 | 2979.1 | 2979.1 | 3400.11 | 3400.11 |
| 6/1923 | 198765.3 | 198765.3 | 412339.8 | 413033.2 | 135463.5 | 133944.9 | 1 | 1 | 1120.9 | 1114.3 | 777.15 | 777.20 | 343.8 | 337.1 | 743.80 | 737.15 |
| 7/1923 | 186789.8 | 186777.0 | 377945.7 | 378526.6 | 129563.7 | 128080.2 | 1 | 1 | 711.1 | 712.8 | 452.75 | 452.75 | 258.3 | 260.1 | 288.50 | 290.25 |
| 8/1923 | 169977.8 | 169965.1 | 349092.5 | 349484.9 | 123807.4 | 122343.8 | 1 | 1 | 394.7 | 397.7 | 374.42 | 374.49 | 20.3 | 23.2 | 41.84 | 44.78 |
| 9/1923 | 155825.0 | 155812.4 | 324465.2 | 324678.1 | 118719.3 | 117272.4 | 1 | 1 | 358.9 | 361.9 | 254.74 | 254.79 | 104.1 | 107.1 | 124.80 | 127.74 |
| 10/1923 | 147437.2 | 147424.7 | 303735.0 | 303764.4 | 115301.0 | 113868.6 | 1 | 1 | 318.5 | 321.5 | 250.00 | 250.00 | 68.5 | 71.5 | 176.10 | 179.00 |
| 11/1923 | 145539.6 | 145527.1 | 290659.9 | 290677.6 | 114076.8 | 112656.0 | 1 | 1 | 250.5 | 250.7 | 250.00 | 250.00 | 0.5 | 0.7 | 194.97 | 195.17 |
| 12/1923 | 135280.0 | 135037.9 | 274591.9 | 274609.5 | 117488.6 | 116305.7 | 1 | 1 | 250.0 | 250.0 | 250.00 | 250.00 | 0.0 | 0.0 | 190.73 | 190.73 |
| 1/1924 | 143146.5 | 142913.2 | 265373.5 | 265391.1 | 124352.9 | 123167.7 | 1 | 1 | 250.0 | 250.0 | 250.00 | 250.00 | 0.0 | 0.0 | 199.01 | 199.01 |
| 2/1924 | 152647.3 | 152267.7 | 254775.9 | 254793.6 | 130781.6 | 129748.2 | 1 | 1 | 250.0 | 250.0 | 250.00 | 250.00 | 0.0 | 0.0 | 197.62 | 197.62 |
| 3/1924 | 152252.4 | 151868.5 | 241631.1 | 241648.8 | 134776.1 | 133756.7 | 1 | 1 | 250.0 | 250.0 | 250.00 | 250.00 | 0.0 | 0.0 | 186.92 | 186.92 |
| 4/1924 | 185400.4 | 185511.0 | 239037.0 | 238261.7 | 135285.9 | 134579.1 | 3 | 3 | 199.8 | 199.8 | 199.79 | 199.79 | 0.0 | 0.0 | 77.72 | 77.72 |
| 5/1924 | 188524.0 | 188277.8 | 263039.8 | 262268.7 | 132094.1 | 131751.4 | 3 | 3 | 210.8 | 210.8 | 210.75 | 210.75 | 0.0 | 0.0 | 23.83 | 23.83 |
| 6/1924 | 170352.4 | 170112.8 | 244955.2 | 244189.7 | 127090.9 | 126748.8 | 3 | 3 | 268.5 | 268.5 | 268.51 | 268.51 | 0.0 | 0.0 | 31.00 | 31.00 |
| 7/1924 | 153666.0 | 153431.9 | 226486.7 | 225728.9 | 122055.7 | 121730.1 | 3 | 3 | 241.1 | 241.1 | 241.05 | 241.05 | 0.0 | 0.0 | 18.14 | 18.14 |
| 8/1924 | 137376.3 | 137148.5 | 210290.3 | 209540.3 | 117241.8 | 116935.5 | 3 | 3 | 208.5 | 208.5 | 208.46 | 208.46 | 0.0 | 0.0 | 15.03 | 15.03 |
| 9/1924 | 123678.0 | 123457.0 | 198543.1 | 197799.2 | 113654.1 | 113368.3 | 3 | 3 | 157.6 | 157.6 | 157.59 | 157.59 | 0.0 | 0.0 | 15.07 | 15.07 |
| 10/1924 | 119767.9 | 119554.3 | 185257.5 | 184517.3 | 112242.3 | 111975.4 | 2 | 2 | 220.0 | 220.0 | 220.00 | 220.00 | 0.0 | 0.0 | 135.03 | 135.03 |
| 11/1924 | 130503.2 | 130295.0 | 172626.1 | 171888.7 | 112456.3 | 112207.6 | 2 | 2 | 220.0 | 220.0 | 220.00 | 220.00 | 0.0 | 0.0 | 163.50 | 163.50 |
| 12/1924 | 167536.8 | 167706.9 | 171080.0 | 169964.3 | 119528.3 | 119294.7 | 2 | 2 | 220.0 | 220.0 | 220.00 | 220.00 | 0.0 | 0.0 | 166.35 | 166.35 |
| 1/1925 | 165067.0 | 164987.3 | 191238.4 | 190369.0 | 127127.7 | 126913.3 | 2 | 2 | 220.0 | 220.0 | 220.00 | 220.00 | 0.0 | 0.0 | 168.44 | 168.44 |
| 2/1925 | 202887.1 | 202886.4 | 257373.1 | 256423.8 | 144290.0 | 144290.2 | 2 | 2 | 220.0 | 220.0 | 220.00 | 220.00 | 0.0 | 0.0 | 168.56 | 168.56 |
| 3/1925 | 201396.4 | 201394.4 | 321667.0 | 320715.8 | 145265.6 | 145273.6 | 2 | 2 | 425.2 | 425.2 | 220.00 | 220.00 | 205.2 | 205.2 | 362.85 | 362.85 |

| Date | Baseline at 190MGD (acre-ft) Pardee Storage | Project at 190MGD (acre-ft) Pardee Storage | Baseline at 190MGD (acre-ft) Camanche Storage | Project at 190MGD (acre-ft) Camanche Storage | Baseline at 190MGD (acre-ft) TRA Storage | Project at 190MGD (acre-ft) TRA Storage | Baseline at 190MGD (NA) JSA Year Type | Project at 190MGD (NA) JSA Year Type | Baseline at 190MGD (cfs) Camanche Outflow | Project at 190MGD (cfs) Camanche Outflow | Baseline at 190MGD (cfs) Required Minimum Flows | Project at 190MGD (cfs) Required Minimum Flows | Baseline at 190MGD (cfs) Camanche Flood Release | Project at 190MGD (cfs) Camanche Flood Release | Baseline at 190MGD (cfs) Flow below Lodi Lake | Project at 190MGD (cfs) Flow below Lodi Lake |
|---------|---|--|---|--|---|--|--|---|---|--|---|--|---|--|---|--|
| 4/1925 | 207121.9 | 207121.9 | 352996.0 | 353308.8 | 148537.5 | 148547.5 | 1 | 1 | 2182.7 | 2161.3 | 475.73 | 475.69 | 1706.9 | 1685.6 | 2060.71 | 2039.41 |
| 5/1925 | 208856.6 | 208856.6 | 396939.8 | 397250.7 | 149514.1 | 149524.5 | 1 | 1 | 2714.2 | 2714.2 | 678.22 | 678.22 | 2036.0 | 2036.0 | 2436.17 | 2436.17 |
| 6/1925 | 199744.3 | 199744.3 | 413359.3 | 410453.4 | 144337.0 | 144347.2 | 1 | 1 | 1494.6 | 1548.7 | 777.77 | 777.81 | 716.8 | 770.9 | 1116.83 | 1170.96 |
| 7/1925 | 182858.3 | 182858.3 | 377814.3 | 375267.3 | 138397.3 | 138407.5 | 1 | 1 | 685.4 | 679.9 | 452.63 | 452.63 | 232.8 | 227.2 | 262.91 | 257.38 |
| 8/1925 | 167074.9 | 167074.9 | 349944.3 | 347682.3 | 132611.3 | 132621.4 | 1 | 1 | 378.6 | 374.2 | 374.04 | 374.04 | 4.5 | 0.2 | 26.13 | 21.75 |
| 9/1925 | 151690.6 | 151690.6 | 326630.8 | 325403.8 | 127520.7 | 127530.7 | 1 | 1 | 337.8 | 320.6 | 254.31 | 254.23 | 83.5 | 66.4 | 104.24 | 87.09 |
| 10/1925 | 136434.6 | 136434.6 | 307031.5 | 306682.0 | 123891.3 | 123901.2 | 1 | 1 | 285.9 | 271.6 | 250.00 | 250.00 | 35.9 | 21.6 | 143.22 | 129.03 |
| 11/1925 | 145170.6 | 145170.6 | 297607.7 | 297435.6 | 123288.0 | 123298.0 | 1 | 1 | 253.0 | 250.0 | 250.00 | 250.00 | 3.0 | 0.0 | 199.71 | 196.75 |
| 12/1925 | 156686.7 | 156686.7 | 286495.3 | 286323.1 | 125711.0 | 125669.5 | 1 | 1 | 250.0 | 250.0 | 250.00 | 250.00 | 0.0 | 0.0 | 193.58 | 193.58 |
| 1/1926 | 160428.9 | 160428.4 | 276375.8 | 276203.5 | 133937.3 | 133678.9 | 1 | 1 | 250.0 | 250.0 | 250.00 | 250.00 | 0.0 | 0.0 | 197.51 | 197.51 |
| 2/1926 | 166088.4 | 166056.8 | 292268.4 | 292096.2 | 140711.5 | 140486.8 | 1 | 1 | 250.0 | 250.0 | 250.00 | 250.00 | 0.0 | 0.0 | 197.09 | 197.09 |
| 3/1926 | 174821.8 | 174939.0 | 312728.4 | 312357.7 | 143726.6 | 143555.0 | 1 | 1 | 264.5 | 264.5 | 250.00 | 250.00 | 14.5 | 14.5 | 201.65 | 201.65 |
| 4/1926 | 207290.8 | 207290.8 | 350202.8 | 351020.4 | 147651.9 | 147483.6 | 2 | 2 | 869.3 | 851.3 | 274.12 | 274.08 | 595.2 | 577.2 | 746.79 | 728.83 |
| 5/1926 | 192777.2 | 192777.2 | 389888.9 | 389636.1 | 143392.0 | 143228.2 | 2 | 2 | 557.5 | 574.9 | 370.35 | 370.39 | 187.1 | 204.5 | 337.24 | 354.62 |
| 6/1926 | 186638.6 | 186638.6 | 376214.5 | 375962.8 | 137746.2 | 137586.8 | 2 | 2 | 328.1 | 328.1 | 328.08 | 328.08 | 0.0 | 0.0 | 32.49 | 32.49 |
| 7/1926 | 166128.1 | 166128.1 | 349215.2 | 348965.2 | 131710.4 | 131555.6 | 2 | 2 | 363.5 | 363.5 | 363.47 | 363.47 | 0.0 | 0.0 | 29.28 | 29.28 |
| 8/1926 | 146333.9 | 146333.9 | 325220.4 | 324972.2 | 125910.2 | 125759.7 | 2 | 2 | 318.5 | 318.5 | 318.52 | 318.52 | 0.0 | 0.0 | 21.59 | 21.59 |
| 9/1926 | 128318.9 | 128318.9 | 308975.6 | 308728.7 | 120705.1 | 120558.3 | 2 | 2 | 219.8 | 219.8 | 219.82 | 219.82 | 0.0 | 0.0 | 20.03 | 20.03 |
| 10/1926 | 114715.7 | 114715.7 | 293088.9 | 292843.0 | 117991.8 | 117847.8 | 1 | 1 | 250.0 | 250.0 | 250.00 | 250.00 | 0.0 | 0.0 | 127.74 | 127.74 |
| 11/1926 | 156224.9 | 156224.9 | 287937.7 | 287691.2 | 123040.8 | 122906.0 | 1 | 1 | 250.0 | 250.0 | 250.00 | 250.00 | 0.0 | 0.0 | 199.19 | 199.19 |
| 12/1926 | 160286.2 | 160332.0 | 290566.4 | 290320.2 | 123818.1 | 123738.3 | 1 | 1 | 250.0 | 250.0 | 250.00 | 250.00 | 0.0 | 0.0 | 191.81 | 191.81 |
| 1/1927 | 170261.8 | 170285.0 | 312496.6 | 312250.1 | 133077.7 | 132912.9 | 1 | 1 | 250.0 | 250.0 | 250.00 | 250.00 | 0.0 | 0.0 | 199.20 | 199.20 |
| 2/1927 | 206154.4 | 206154.5 | 327889.6 | 327660.1 | 144049.1 | 143889.3 | 1 | 1 | 1343.9 | 1343.9 | 250.00 | 250.00 | 1093.9 | 1093.9 | 1293.37 | 1293.37 |
| 3/1927 | 196848.0 | 196846.8 | 324733.3 | 324503.9 | 147283.3 | 147248.7 | 1 | 1 | 1403.2 | 1403.2 | 250.00 | 250.00 | 1153.2 | 1153.2 | 1337.15 | 1337.15 |
| 4/1927 | 211844.3 | 211844.3 | 356676.8 | 356446.3 | 148704.6 | 148711.3 | 0 | 0 | 1703.3 | 1703.3 | 525.00 | 525.00 | 1178.3 | 1178.3 | 1579.90 | 1579.90 |
| 5/1927 | 205252.4 | 205040.9 | 375936.4 | 375533.0 | 144697.5 | 141545.6 | 0 | 0 | 2677.4 | 2598.1 | 778.41 | 778.32 | 1899.0 | 1819.7 | 2399.24 | 2319.97 |
| 6/1927 | 201564.4 | 200860.0 | 412111.7 | 412280.3 | 139742.2 | 134343.4 | 0 | 0 | 2102.0 | 2007.9 | 878.35 | 878.24 | 1223.6 | 1129.6 | 1724.06 | 1630.06 |
| 7/1927 | 189439.1 | 189454.3 | 373593.8 | 373811.7 | 133896.4 | 128571.8 | 0 | 0 | 823.1 | 810.5 | 456.77 | 456.76 | 366.3 | 353.8 | 400.46 | 387.89 |
| 8/1927 | 172984.9 | 173000.3 | 342147.6 | 342295.0 | 128154.6 | 122898.1 | 0 | 0 | 437.5 | 438.6 | 378.18 | 378.18 | 59.3 | 60.4 | 84.32 | 85.44 |
| 9/1927 | 156254.2 | 156269.5 | 315202.6 | 315282.5 | 122984.3 | 117793.0 | 0 | 0 | 404.2 | 405.4 | 259.94 | 259.94 | 144.3 | 145.4 | 170.12 | 171.25 |
| 10/1927 | 153671.8 | 153686.9 | 294580.8 | 294591.9 | 119812.8 | 114678.8 | 1 | 1 | 361.7 | 362.8 | 250.00 | 250.00 | 111.7 | 112.8 | 220.45 | 221.55 |
| 11/1927 | 164274.0 | 164289.1 | 293910.2 | 293910.2 | 120687.7 | 115599.1 | 1 | 1 | 351.0 | 351.2 | 250.00 | 250.00 | 101.0 | 101.2 | 296.84 | 297.01 |
| 12/1927 | 167579.8 | 166766.6 | 293904.9 | 293904.9 | 125265.6 | 121199.6 | 1 | 1 | 250.0 | 250.0 | 250.00 | 250.00 | 0.0 | 0.0 | 193.43 | 193.43 |
| 1/1928 | 163389.2 | 163252.2 | 296141.0 | 295319.8 | 129859.6 | 126424.2 | 1 | 1 | 250.0 | 250.0 | 250.00 | 250.00 | 0.0 | 0.0 | 197.01 | 197.01 |
| 2/1928 | 161686.3 | 161596.2 | 304188.1 | 303515.6 | 135329.3 | 132612.3 | 1 | 1 | 381.0 | 363.8 | 250.00 | 250.00 | 131.0 | 113.8 | 328.25 | 311.03 |
| 3/1928 | 211975.5 | 211853.9 | 367107.9 | 366965.0 | 142559.3 | 139362.5 | 1 | 1 | 1409.7 | 1409.7 | 250.00 | 250.00 | 1159.7 | 1159.7 | 1348.20 | 1348.20 |
| 4/1928 | 207657.9 | 207647.4 | 351001.8 | 350274.4 | 143792.7 | 141254.1 | 1 | 1 | 2444.7 | 2442.0 | 475.94 | 475.98 | 1968.7 | 1966.0 | 2320.68 | 2317.98 |
| 5/1928 | 204003.5 | 203536.0 | 406585.0 | 406083.2 | 139282.3 | 134405.5 | 1 | 1 | 1454.4 | 1365.4 | 677.03 | 676.94 | 777.4 | 688.4 | 1177.45 | 1088.51 |
| 6/1928 | 189099.4 | 185603.9 | 380547.6 | 378467.4 | 133624.1 | 126516.1 | 1 | 1 | 697.8 | 682.7 | 697.80 | 682.73 | 0.0 | 0.0 | 321.72 | 306.72 |
| 7/1928 | 169403.6 | 165966.0 | 348032.0 | 345966.6 | 127614.8 | 120589.6 | 1 | 1 | 452.1 | 452.1 | 452.14 | 452.14 | 0.0 | 0.0 | 30.15 | 30.15 |
| 8/1928 | 150275.0 | 146903.3 | 320645.5 | 318594.7 | 121841.3 | 114907.4 | 1 | 1 | 374.0 | 374.0 | 374.02 | 374.02 | 0.0 | 0.0 | 21.59 | 21.59 |
| 9/1928 | 133619.6 | 130277.4 | 302394.3 | 300355.5 | 116717.3 | 109866.7 | 1 | 1 | 254.1 | 254.1 | 254.09 | 254.09 | 0.0 | 0.0 | 20.73 | 20.73 |
| 10/1928 | 117396.2 | 114081.4 | 285097.2 | 284745.2 | 113143.1 | 106372.2 | 1 | 2 | 250.0 | 222.7 | 250.00 | 222.65 | 0.0 | 0.0 | 107.43 | 80.08 |
| 11/1928 | 123156.9 | 119856.8 | 275846.6 | 277279.2 | 112862.1 | 106143.3 | 1 | 2 | 250.0 | 220.0 | 250.00 | 220.00 | 0.0 | 0.0 | 196.77 | 166.77 |
| 12/1928 | 125467.1 | 121676.5 | 264731.6 | 268009.2 | 118121.0 | 111950.9 | 1 | 2 | 250.0 | 220.0 | 250.00 | 220.00 | 0.0 | 0.0 | 193.58 | 163.58 |
| 1/1929 | 116640.8 | 112823.5 | 252912.5 | 258035.2 | 123560.2 | 117486.8 | 1 | 2 | 250.0 | 220.0 | 250.00 | 220.00 | 0.0 | 0.0 | 197.51 | 167.51 |
| 2/1929 | 114894.3 | 110154.3 | 241914.9 | 248702.7 | 128246.3 | 123157.7 | 1 | 2 | 250.0 | 220.0 | 250.00 | 220.00 | 0.0 | 0.0 | 197.09 | 167.09 |
| 3/1929 | 127959.0 | 122678.2 | 230923.9 | 239557.6 | 132608.5 | 128129.5 | 1 | 2 | 250.0 | 220.0 | 250.00 | 220.00 | 0.0 | 0.0 | 188.21 | 158.21 |
| 4/1929 | 170740.7 | 163922.9 | 216014.3 | 224623.9 | 133706.7 | 130845.5 | 2 | 2 | 274.8 | 274.8 | 274.76 | 274.76 | 0.0 | 0.0 | 151.64 | 151.64 |
| 5/1929 | 197887.9 | 198017.6 | 279484.3 | 281231.2 | 130752.5 | 127843.2 | 2 | 2 | 337.9 | 337.9 | 337.94 | 337.94 | 0.0 | 0.0 | 150.08 | 150.08 |
| 6/1929 | 190870.9 | 190951.7 | 308082.3 | 309869.2 | 127264.6 | 124392.6 | 2 | 2 | 268.5 | 268.5 | 268.49 | 268.49 | 0.0 | 0.0 | 32.47 | 32.47 |

| Date | Baseline at 190MGD | Project at 190MGD | Baseline at 190MGD | Project at 190MGD | Baseline at 190MGD | Project at 190MGD | Baseline at 190MGD | Project at 190MGD |
|---------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|----------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|-------------------------|
| | (acre-ft) | (acre-ft) | (acre-ft) | (acre-ft) | (acre-ft) | (acre-ft) | (NA) | (NA) | (cfs) | (cfs) | (cfs) | (cfs) | (cfs) | (cfs) | (cfs) | (cfs) |
| | Pardee Storage | Pardee Storage | Camanche Storage | Camanche Storage | TRA Storage | TRA Storage | JSA Year Type | JSA Year Type | Camanche Outflow | Camanche Outflow | Required Minimum Flows | Required Minimum Flows | Camanche Flood Release | Camanche Flood Release | Flow below Lodi Lake | Flow below Lodi Lake |
| 7/1929 | 170872.8 | 170962.2 | 288154.3 | 289917.1 | 121385.3 | 118557.6 | 2 | 2 | 278.4 | 278.4 | 278.43 | 278.43 | 0.0 | 0.0 | 29.32 | 29.32 |
| 8/1929 | 150447.7 | 150528.3 | 269920.4 | 271668.5 | 115725.2 | 112938.9 | 2 | 2 | 232.1 | 232.1 | 232.09 | 232.09 | 0.0 | 0.0 | 21.55 | 21.55 |
| 9/1929 | 131676.1 | 131756.0 | 256830.8 | 258566.4 | 110647.5 | 107896.3 | 2 | 2 | 172.5 | 172.5 | 172.49 | 172.49 | 0.0 | 0.0 | 20.03 | 20.03 |
| 10/1929 | 114502.3 | 114581.5 | 241799.6 | 243526.0 | 107096.4 | 104376.0 | 2 | 2 | 220.0 | 220.0 | 220.00 | 220.00 | 0.0 | 0.0 | 134.13 | 134.13 |
| 11/1929 | 98187.7 | 98266.4 | 227595.7 | 229315.1 | 105802.1 | 103106.5 | 2 | 2 | 220.0 | 220.0 | 220.00 | 220.00 | 0.0 | 0.0 | 162.63 | 162.63 |
| 12/1929 | 99530.0 | 99562.2 | 217961.4 | 219680.8 | 109929.1 | 107293.0 | 2 | 2 | 220.0 | 220.0 | 220.00 | 220.00 | 0.0 | 0.0 | 163.37 | 163.37 |
| 1/1930 | 108915.8 | 108745.7 | 212518.1 | 214243.2 | 117030.1 | 114604.9 | 2 | 2 | 220.0 | 220.0 | 220.00 | 220.00 | 0.0 | 0.0 | 170.23 | 170.23 |
| 2/1930 | 126081.0 | 125591.8 | 204831.2 | 206558.4 | 123356.0 | 121264.5 | 2 | 2 | 220.0 | 220.0 | 220.00 | 220.00 | 0.0 | 0.0 | 168.21 | 168.21 |
| 3/1930 | 171771.7 | 171291.4 | 196762.3 | 198290.5 | 129627.9 | 127743.7 | 2 | 2 | 220.0 | 220.0 | 220.00 | 220.00 | 0.0 | 0.0 | 156.70 | 156.70 |
| 4/1930 | 203344.1 | 203316.3 | 242801.1 | 243430.8 | 132736.2 | 131315.1 | 2 | 2 | 272.8 | 272.8 | 272.80 | 272.80 | 0.0 | 0.0 | 158.13 | 158.13 |
| 5/1930 | 204585.5 | 204610.9 | 305588.1 | 306890.4 | 130623.6 | 128496.4 | 2 | 2 | 370.0 | 370.0 | 370.00 | 370.00 | 0.0 | 0.0 | 150.58 | 150.58 |
| 6/1930 | 187919.0 | 187921.2 | 346546.3 | 347864.4 | 126044.4 | 123948.1 | 2 | 2 | 328.1 | 328.1 | 328.08 | 328.08 | 0.0 | 0.0 | 30.59 | 30.59 |
| 7/1930 | 167964.1 | 167966.4 | 320534.7 | 321843.2 | 120152.7 | 118090.6 | 2 | 2 | 363.5 | 363.5 | 363.47 | 363.47 | 0.0 | 0.0 | 29.28 | 29.28 |
| 8/1930 | 147519.3 | 147521.5 | 297033.4 | 298332.2 | 114502.3 | 112471.9 | 2 | 2 | 318.5 | 318.5 | 318.52 | 318.52 | 0.0 | 0.0 | 21.75 | 21.75 |
| 9/1930 | 128654.9 | 128657.1 | 281224.2 | 282515.1 | 109462.8 | 107459.1 | 2 | 2 | 219.8 | 219.8 | 219.82 | 219.82 | 0.0 | 0.0 | 20.19 | 20.19 |
| 10/1930 | 114089.6 | 114091.8 | 266711.3 | 267996.5 | 105944.5 | 103965.0 | 2 | 2 | 220.0 | 220.0 | 220.00 | 220.00 | 0.0 | 0.0 | 97.40 | 97.40 |
| 11/1930 | 106604.9 | 106607.1 | 255514.0 | 256796.8 | 104980.9 | 103018.1 | 2 | 2 | 220.0 | 220.0 | 220.00 | 220.00 | 0.0 | 0.0 | 164.51 | 164.51 |
| 12/1930 | 93291.4 | 93201.6 | 241383.9 | 242662.9 | 107960.6 | 106106.7 | 2 | 2 | 220.0 | 220.0 | 220.00 | 220.00 | 0.0 | 0.0 | 160.73 | 160.73 |
| 1/1931 | 89231.4 | 88539.6 | 233951.2 | 235232.7 | 113674.9 | 112430.6 | 2 | 2 | 220.0 | 220.0 | 220.00 | 220.00 | 0.0 | 0.0 | 169.01 | 169.01 |
| 2/1931 | 90470.7 | 88945.1 | 225493.0 | 226775.2 | 118438.1 | 118042.0 | 2 | 2 | 220.0 | 220.0 | 220.00 | 220.00 | 0.0 | 0.0 | 167.68 | 167.68 |
| 3/1931 | 85647.3 | 84064.4 | 214225.4 | 215506.0 | 124116.3 | 123791.8 | 2 | 2 | 220.0 | 220.0 | 220.00 | 220.00 | 0.0 | 0.0 | 156.95 | 156.95 |
| 4/1931 | 89549.9 | 87964.8 | 202833.1 | 204109.2 | 126078.7 | 125773.6 | 3 | 3 | 199.8 | 199.8 | 199.76 | 199.76 | 0.0 | 0.0 | 77.73 | 77.73 |
| 5/1931 | 87324.2 | 85795.5 | 189296.3 | 190564.2 | 123132.7 | 122791.2 | 3 | 3 | 210.7 | 210.7 | 210.72 | 210.72 | 0.0 | 0.0 | 23.82 | 23.82 |
| 6/1931 | 84117.9 | 82744.1 | 171783.3 | 173040.0 | 116124.7 | 115650.1 | 3 | 3 | 268.5 | 268.5 | 268.48 | 268.48 | 0.0 | 0.0 | 31.00 | 31.00 |
| 7/1931 | 97070.2 | 95774.4 | 154137.4 | 155378.4 | 110394.1 | 109870.1 | 3 | 3 | 241.0 | 241.0 | 241.03 | 241.03 | 0.0 | 0.0 | 18.09 | 18.09 |
| 8/1931 | 103922.5 | 102910.3 | 144210.4 | 145197.7 | 105803.4 | 105262.3 | 3 | 3 | 208.5 | 208.5 | 208.48 | 208.48 | 0.0 | 0.0 | 15.02 | 15.02 |
| 9/1931 | 98843.6 | 97857.8 | 138199.3 | 139181.2 | 102869.5 | 102320.9 | 3 | 3 | 157.6 | 157.6 | 157.62 | 157.62 | 0.0 | 0.0 | 15.07 | 15.07 |
| 10/1931 | 97199.8 | 96261.0 | 130057.6 | 131032.7 | 101632.9 | 101058.9 | 3 | 3 | 131.4 | 131.4 | 131.37 | 131.37 | 0.0 | 0.0 | 46.64 | 46.64 |
| 11/1931 | 100723.1 | 99813.3 | 125765.9 | 126739.5 | 103037.4 | 102450.9 | 3 | 3 | 131.6 | 131.6 | 131.60 | 131.60 | 0.0 | 0.0 | 77.80 | 77.80 |
| 12/1931 | 121819.5 | 120933.7 | 127982.8 | 128963.8 | 112547.6 | 111947.0 | 3 | 3 | 133.7 | 133.7 | 133.66 | 133.66 | 0.0 | 0.0 | 81.97 | 81.97 |
| 1/1932 | 141297.4 | 140432.9 | 123454.2 | 124435.6 | 121086.8 | 120478.6 | 3 | 3 | 130.0 | 130.0 | 130.00 | 130.00 | 0.0 | 0.0 | 78.18 | 78.18 |
| 2/1932 | 169067.8 | 168611.1 | 149625.4 | 150216.0 | 130160.8 | 129551.1 | 3 | 3 | 130.0 | 130.0 | 130.00 | 130.00 | 0.0 | 0.0 | 81.08 | 81.08 |
| 3/1932 | 172501.9 | 173428.0 | 168708.4 | 173756.4 | 135002.4 | 135307.9 | 3 | 3 | 140.0 | 140.0 | 140.00 | 140.00 | 0.0 | 0.0 | 76.07 | 76.07 |
| 4/1932 | 184346.8 | 185074.1 | 185492.9 | 195522.9 | 135751.1 | 137772.4 | 1 | 1 | 272.8 | 272.8 | 272.80 | 272.80 | 0.0 | 0.0 | 151.16 | 151.16 |
| 5/1932 | 206692.8 | 206948.7 | 281256.0 | 298196.0 | 132568.1 | 134812.1 | 1 | 1 | 475.3 | 475.3 | 475.33 | 475.33 | 0.0 | 0.0 | 201.48 | 201.48 |
| 6/1932 | 206294.0 | 206353.6 | 393054.1 | 407566.8 | 127648.8 | 129507.0 | 1 | 1 | 612.5 | 661.0 | 612.50 | 660.97 | 0.0 | 0.0 | 236.63 | 284.94 |
| 7/1932 | 195367.8 | 195474.0 | 359473.1 | 371999.5 | 122002.9 | 123719.2 | 1 | 1 | 894.3 | 926.1 | 452.92 | 453.02 | 441.4 | 473.1 | 471.52 | 503.29 |
| 8/1932 | 193345.8 | 193477.8 | 338055.9 | 347423.4 | 116404.5 | 118092.6 | 1 | 1 | 405.4 | 455.1 | 374.29 | 374.53 | 31.2 | 80.6 | 52.72 | 102.15 |
| 9/1932 | 189469.1 | 189402.6 | 321602.2 | 326651.0 | 111373.3 | 113034.3 | 1 | 1 | 427.8 | 503.1 | 254.97 | 254.99 | 172.8 | 248.1 | 193.55 | 268.79 |
| 10/1932 | 170357.2 | 170291.1 | 308966.8 | 309665.0 | 107888.8 | 109524.0 | 0 | 0 | 661.8 | 732.4 | 325.00 | 325.00 | 336.8 | 407.4 | 518.00 | 588.50 |
| 11/1932 | 159004.6 | 158938.8 | 297939.4 | 297939.4 | 106835.0 | 108448.9 | 0 | 0 | 372.5 | 384.2 | 325.00 | 325.00 | 47.5 | 59.2 | 315.16 | 326.86 |
| 12/1932 | 158107.3 | 158041.8 | 281020.8 | 281020.8 | 110906.3 | 112503.0 | 0 | 0 | 325.0 | 325.0 | 325.00 | 325.00 | 0.0 | 0.0 | 267.29 | 267.29 |
| 1/1933 | 160170.4 | 160204.6 | 269200.6 | 269200.6 | 122119.0 | 123608.1 | 0 | 0 | 325.0 | 325.0 | 325.00 | 325.00 | 0.0 | 0.0 | 274.36 | 274.36 |
| 2/1933 | 154507.7 | 154553.5 | 252749.8 | 252749.8 | 127627.2 | 129091.2 | 0 | 0 | 325.0 | 325.0 | 325.00 | 325.00 | 0.0 | 0.0 | 270.67 | 270.67 |
| 3/1933 | 164139.7 | 164379.1 | 235999.9 | 235999.9 | 133554.2 | 134812.7 | 0 | 0 | 325.0 | 325.0 | 325.00 | 325.00 | 0.0 | 0.0 | 260.84 | 260.84 |
| 4/1933 | 178133.9 | 178698.1 | 218880.7 | 218880.7 | 134272.1 | 135180.5 | 2 | 2 | 272.8 | 272.8 | 272.83 | 272.83 | 0.0 | 0.0 | 150.24 | 150.24 |
| 5/1933 | 198088.2 | 198133.8 | 215126.9 | 215675.3 | 131818.3 | 132682.9 | 2 | 2 | 370.0 | 370.0 | 370.00 | 370.00 | 0.0 | 0.0 | 151.25 | 151.25 |
| 6/1933 | 195006.5 | 194930.3 | 282346.3 | 283356.4 | 127108.9 | 127618.2 | 2 | 2 | 328.1 | 328.1 | 328.08 | 328.08 | 0.0 | 0.0 | 30.65 | 30.65 |
| 7/1933 | 196924.3 | 196950.1 | 263378.0 | 264206.9 | 121400.6 | 121900.7 | 2 | 2 | 368.6 | 369.7 | 363.47 | 363.47 | 5.1 | 6.3 | 34.37 | 35.54 |
| 8/1933 | 193632.5 | 193604.2 | 250905.7 | 251780.5 | 115760.0 | 116252.0 | 2 | 2 | 318.5 | 318.5 | 318.52 | 318.52 | 0.0 | 0.0 | 21.59 | 21.59 |
| 9/1933 | 189453.7 | 189425.6 | 247627.6 | 248495.8 | 110738.8 | 111223.7 | 2 | 2 | 227.3 | 227.3 | 219.85 | 219.85 | 7.4 | 7.4 | 27.55 | 27.55 |

| Date | Baseline at | Project at | Baseline at | Project at | Baseline at | Project at | Baseline at | Project at | Baseline at | Project at | Baseline at | Project at | Baseline at | Project at | Baseline at | Project at |
|---------|-------------|------------|-------------|------------|-------------|-------------|---------------|---------------|-------------|------------|---------------|---------------|----------------|----------------|-------------|------------|
| | 190MGD | 190MGD | 190MGD | 190MGD | 190MGD | 190MGD | 190MGD | 190MGD | 190MGD | 190MGD | 190MGD | 190MGD | 190MGD | 190MGD | 190MGD | 190MGD |
| | (acre-ft) | (acre-ft) | (acre-ft) | (acre-ft) | (acre-ft) | (acre-ft) | (NA) | (NA) | (cfs) | (cfs) | (cfs) | (cfs) | (cfs) | (cfs) | (cfs) | (cfs) |
| | Pardee | Pardee | Camanche | Camanche | TRA Storage | TRA Storage | JSA Year Type | JSA Year Type | Camanche | Camanche | Required | Required | Camanche Flood | Camanche Flood | Flow below | Flow below |
| | Storage | Storage | Storage | Storage | | | | | Outflow | Outflow | Minimum Flows | Minimum Flows | Release | Release | Lodi Lake | Lodi Lake |
| 10/1933 | 173967.7 | 173939.7 | 263883.9 | 264749.0 | 108193.4 | 108673.4 | 1 | 1 | 250.0 | 250.0 | 250.00 | 250.00 | 0.0 | 0.0 | 128.54 | 128.54 |
| 11/1933 | 159826.3 | 159798.4 | 262057.6 | 262919.5 | 107318.5 | 107792.9 | 1 | 1 | 250.0 | 250.0 | 250.00 | 250.00 | 0.0 | 0.0 | 192.66 | 192.66 |
| 12/1933 | 166916.6 | 166888.8 | 273859.0 | 274724.7 | 113143.5 | 113615.5 | 1 | 1 | 250.0 | 250.0 | 250.00 | 250.00 | 0.0 | 0.0 | 197.69 | 197.69 |
| 1/1934 | 161782.4 | 161755.5 | 280331.6 | 281196.7 | 121655.0 | 122122.4 | 1 | 1 | 250.0 | 250.0 | 250.00 | 250.00 | 0.0 | 0.0 | 203.47 | 203.47 |
| 2/1934 | 167902.0 | 167954.2 | 292151.5 | 293018.9 | 131173.8 | 131560.0 | 1 | 1 | 250.0 | 250.0 | 250.00 | 250.00 | 0.0 | 0.0 | 211.44 | 211.44 |
| 3/1934 | 168651.9 | 168527.1 | 294521.9 | 295563.5 | 135057.0 | 135439.4 | 1 | 1 | 250.0 | 250.0 | 250.00 | 250.00 | 0.0 | 0.0 | 185.25 | 185.25 |
| 4/1934 | 172242.5 | 172298.3 | 277787.6 | 278825.3 | 135904.5 | 136103.1 | 2 | 2 | 274.8 | 274.8 | 274.76 | 274.76 | 0.0 | 0.0 | 149.99 | 149.99 |
| 5/1934 | 171026.4 | 171134.9 | 256572.7 | 257605.2 | 132045.2 | 132188.2 | 2 | 2 | 338.0 | 338.0 | 337.96 | 337.96 | 0.0 | 0.0 | 151.14 | 151.14 |
| 6/1934 | 165838.6 | 165980.2 | 238315.8 | 239340.6 | 127531.3 | 127638.2 | 2 | 2 | 268.5 | 268.5 | 268.49 | 268.49 | 0.0 | 0.0 | 30.87 | 30.87 |
| 7/1934 | 168883.6 | 169010.1 | 217628.3 | 218642.6 | 122402.5 | 122496.0 | 2 | 2 | 278.4 | 278.4 | 278.43 | 278.43 | 0.0 | 0.0 | 29.32 | 29.32 |
| 8/1934 | 167115.4 | 167239.3 | 200078.6 | 201082.3 | 117606.5 | 117682.5 | 2 | 2 | 232.1 | 232.1 | 232.09 | 232.09 | 0.0 | 0.0 | 21.55 | 21.55 |
| 9/1934 | 166659.8 | 166777.9 | 188248.5 | 189244.3 | 114192.8 | 114249.4 | 2 | 2 | 172.5 | 172.5 | 172.49 | 172.49 | 0.0 | 0.0 | 20.49 | 20.49 |
| 10/1934 | 165866.8 | 165807.5 | 178419.9 | 179586.4 | 112665.2 | 112701.4 | 2 | 2 | 220.0 | 220.0 | 220.00 | 220.00 | 0.0 | 0.0 | 134.87 | 134.87 |
| 11/1934 | 163119.0 | 163081.8 | 186991.4 | 188136.5 | 114353.4 | 114370.2 | 2 | 2 | 220.0 | 220.0 | 220.00 | 220.00 | 0.0 | 0.0 | 166.40 | 166.40 |
| 12/1934 | 163800.3 | 163763.8 | 193845.4 | 194990.4 | 122131.6 | 122131.8 | 2 | 2 | 220.0 | 220.0 | 220.00 | 220.00 | 0.0 | 0.0 | 163.31 | 163.31 |
| 1/1935 | 166844.4 | 166808.5 | 210457.7 | 211605.3 | 134689.7 | 134674.6 | 2 | 2 | 220.0 | 220.0 | 220.00 | 220.00 | 0.0 | 0.0 | 169.26 | 169.26 |
| 2/1935 | 166102.5 | 166067.1 | 227127.6 | 228364.9 | 136736.7 | 136706.9 | 2 | 2 | 220.0 | 220.0 | 220.00 | 220.00 | 0.0 | 0.0 | 168.20 | 168.20 |
| 3/1935 | 167666.6 | 170117.6 | 239552.8 | 245161.9 | 141336.1 | 141113.6 | 2 | 2 | 220.0 | 220.0 | 220.00 | 220.00 | 0.0 | 0.0 | 157.79 | 157.79 |
| 4/1935 | 209025.4 | 209034.0 | 314996.2 | 322543.8 | 147381.3 | 147054.0 | 1 | 1 | 287.9 | 297.9 | 287.90 | 297.94 | 0.0 | 0.0 | 171.07 | 181.07 |
| 5/1935 | 205802.6 | 205614.0 | 388398.4 | 388139.3 | 144245.6 | 140493.5 | 1 | 1 | 873.4 | 927.8 | 654.84 | 663.02 | 218.5 | 264.8 | 618.53 | 672.87 |
| 6/1935 | 195207.7 | 194706.3 | 411673.7 | 409707.3 | 138849.5 | 132851.9 | 1 | 1 | 1545.3 | 1486.6 | 777.69 | 777.60 | 767.6 | 709.0 | 1167.66 | 1108.97 |
| 7/1935 | 197150.3 | 197121.9 | 379647.0 | 378336.5 | 133083.7 | 127148.9 | 1 | 1 | 506.3 | 488.2 | 452.24 | 452.21 | 54.0 | 36.0 | 84.20 | 66.14 |
| 8/1935 | 193579.7 | 193447.9 | 352382.3 | 351456.8 | 127453.8 | 121588.0 | 1 | 1 | 492.2 | 487.8 | 374.71 | 374.71 | 117.5 | 113.1 | 139.08 | 134.64 |
| 9/1935 | 189196.4 | 189065.0 | 329417.4 | 328913.9 | 122351.8 | 116550.1 | 1 | 1 | 506.9 | 499.9 | 254.99 | 254.99 | 251.9 | 244.9 | 272.63 | 265.60 |
| 10/1935 | 170670.3 | 170786.4 | 310443.0 | 310375.5 | 119217.1 | 113475.4 | 0 | 0 | 804.2 | 793.1 | 325.00 | 325.00 | 479.2 | 468.1 | 661.35 | 650.24 |
| 11/1935 | 160033.9 | 160149.4 | 302728.4 | 302728.3 | 118557.6 | 112868.2 | 0 | 0 | 402.8 | 401.7 | 325.00 | 325.00 | 77.8 | 76.7 | 346.01 | 344.88 |
| 12/1935 | 160360.0 | 160357.5 | 287676.8 | 286552.1 | 122325.5 | 117921.3 | 0 | 0 | 325.0 | 325.0 | 325.00 | 325.00 | 0.0 | 0.0 | 267.29 | 267.29 |
| 1/1936 | 167975.6 | 167085.5 | 306645.9 | 305517.0 | 134460.8 | 130970.8 | 0 | 0 | 325.0 | 325.0 | 325.00 | 325.00 | 0.0 | 0.0 | 276.04 | 276.04 |
| 2/1936 | 205179.8 | 205146.6 | 344304.0 | 344314.3 | 147438.7 | 145667.9 | 0 | 0 | 1430.7 | 1375.0 | 325.00 | 325.00 | 1105.7 | 1050.0 | 1388.83 | 1333.19 |
| 3/1936 | 190086.2 | 189797.8 | 331405.5 | 330790.4 | 145812.8 | 145276.6 | 0 | 0 | 1451.0 | 1451.0 | 325.00 | 325.00 | 1126.0 | 1126.0 | 1385.07 | 1385.07 |
| 4/1936 | 206988.5 | 206984.4 | 355499.6 | 355066.1 | 147343.4 | 147415.9 | 0 | 0 | 1616.0 | 1598.0 | 525.00 | 525.00 | 1091.0 | 1073.0 | 1491.90 | 1473.94 |
| 5/1936 | 204733.7 | 204447.4 | 390246.9 | 389643.2 | 144778.2 | 142313.6 | 0 | 0 | 2218.1 | 2135.5 | 777.86 | 777.77 | 1440.2 | 1357.7 | 1940.74 | 1858.25 |
| 6/1936 | 199188.2 | 198349.5 | 413463.7 | 412427.0 | 139973.1 | 135248.6 | 0 | 0 | 1586.1 | 1509.9 | 877.87 | 877.75 | 708.2 | 632.1 | 1209.70 | 1133.60 |
| 7/1936 | 195840.4 | 196404.9 | 378358.6 | 377534.6 | 134127.9 | 129461.3 | 0 | 0 | 671.5 | 645.2 | 456.55 | 456.53 | 214.9 | 188.7 | 249.09 | 222.85 |
| 8/1936 | 193570.6 | 193281.8 | 351314.8 | 350820.3 | 128382.8 | 123772.2 | 0 | 0 | 481.4 | 490.0 | 377.95 | 378.00 | 103.4 | 112.0 | 128.49 | 137.01 |
| 9/1936 | 189239.6 | 189347.4 | 328998.4 | 328686.0 | 123211.2 | 118654.4 | 0 | 0 | 516.7 | 507.0 | 259.94 | 259.94 | 256.7 | 247.0 | 282.44 | 272.76 |
| 10/1936 | 171893.8 | 171753.9 | 311842.4 | 311786.5 | 119714.1 | 115209.2 | 0 | 0 | 757.7 | 757.6 | 325.00 | 325.00 | 432.7 | 432.6 | 615.07 | 614.94 |
| 11/1936 | 159861.8 | 159722.7 | 303519.1 | 303519.1 | 118458.7 | 114001.3 | 0 | 0 | 420.8 | 419.9 | 325.00 | 325.00 | 95.8 | 94.9 | 362.78 | 361.85 |
| 12/1936 | 164026.8 | 163954.7 | 294352.3 | 293778.1 | 122794.0 | 118880.8 | 0 | 0 | 325.0 | 325.0 | 325.00 | 325.00 | 0.0 | 0.0 | 269.67 | 269.67 |
| 1/1937 | 162191.6 | 162009.7 | 286748.4 | 285797.5 | 135242.9 | 131638.0 | 0 | 0 | 325.0 | 325.0 | 325.00 | 325.00 | 0.0 | 0.0 | 273.93 | 273.93 |
| 2/1937 | 179208.6 | 178331.8 | 319343.7 | 318634.8 | 143194.2 | 142143.8 | 0 | 0 | 386.6 | 365.2 | 325.00 | 325.00 | 61.6 | 40.2 | 338.91 | 317.50 |
| 3/1937 | 186902.6 | 186788.2 | 340055.1 | 338845.4 | 152961.3 | 152255.8 | 0 | 0 | 722.6 | 709.7 | 325.00 | 325.00 | 397.6 | 384.7 | 663.70 | 650.82 |
| 4/1937 | 194874.2 | 194985.6 | 362936.7 | 363223.1 | 147964.2 | 147404.7 | 1 | 1 | 603.2 | 573.9 | 473.70 | 473.66 | 129.5 | 100.3 | 489.39 | 460.12 |
| 5/1937 | 207186.0 | 207186.0 | 397603.4 | 398437.2 | 144198.9 | 143453.7 | 1 | 1 | 2037.4 | 2030.3 | 677.56 | 677.55 | 1359.9 | 1352.8 | 1759.89 | 1752.81 |
| 6/1937 | 194388.8 | 194388.8 | 413220.7 | 413174.2 | 139742.2 | 139005.4 | 1 | 1 | 1322.7 | 1337.4 | 777.45 | 777.46 | 545.2 | 560.0 | 945.70 | 960.46 |
| 7/1937 | 197126.9 | 197125.2 | 381205.7 | 381166.3 | 133983.1 | 133256.7 | 1 | 1 | 511.6 | 511.5 | 452.24 | 452.24 | 59.4 | 59.2 | 89.51 | 89.40 |
| 8/1937 | 193522.4 | 193520.7 | 353362.6 | 353336.0 | 128266.1 | 127548.6 | 1 | 1 | 496.4 | 496.1 | 374.71 | 374.71 | 121.6 | 121.4 | 143.20 | 142.99 |
| 9/1937 | 189276.2 | 189274.5 | 329882.2 | 329867.8 | 123125.1 | 122414.9 | 1 | 1 | 496.6 | 496.4 | 254.99 | 254.99 | 241.6 | 241.4 | 262.32 | 262.12 |
| 10/1937 | 169459.2 | 169457.5 | 310301.2 | 310299.2 | 119905.1 | 119201.7 | 0 | 0 | 789.9 | 789.7 | 325.00 | 325.00 | 464.9 | 464.7 | 646.62 | 646.42 |
| 11/1937 | 161097.5 | 161095.8 | 306987.2 | 306987.2 | 121243.9 | 120545.3 | 0 | 0 | 421.2 | 421.2 | 325.00 | 325.00 | 96.2 | 96.2 | 366.06 | 366.03 |
| 12/1937 | 175032.2 | 174663.0 | 282129.3 | 282129.3 | 129115.8 | 128788.2 | 0 | 0 | 1192.3 | 1192.3 | 325.00 | 325.00 | 867.3 | 867.3 | 1134.92 | 1134.92 |

| Date | Baseline at 190MGD (acre-ft) Pardee Storage | Project at 190MGD (acre-ft) Pardee Storage | Baseline at 190MGD (acre-ft) Camanche Storage | Project at 190MGD (acre-ft) Camanche Storage | Baseline at 190MGD (acre-ft) TRA Storage | Project at 190MGD (acre-ft) TRA Storage | Baseline at 190MGD (NA) JSA Year Type | Project at 190MGD (NA) JSA Year Type | Baseline at 190MGD (cfs) Camanche Outflow | Project at 190MGD (cfs) Camanche Outflow | Baseline at 190MGD (cfs) Required Minimum Flows | Project at 190MGD (cfs) Required Minimum Flows | Baseline at 190MGD (cfs) Camanche Flood Release | Project at 190MGD (cfs) Camanche Flood Release | Baseline at 190MGD (cfs) Flow below Lodi Lake | Project at 190MGD (cfs) Flow below Lodi Lake |
|---------|---|--|---|--|---|--|--|---|---|--|---|--|---|--|---|--|
| 1/1938 | 168361.4 | 168185.3 | 288279.7 | 288031.6 | 134812.0 | 134566.3 | 0 | 0 | 532.3 | 532.3 | 325.00 | 325.00 | 207.3 | 207.3 | 480.37 | 480.37 |
| 2/1938 | 196343.1 | 196330.0 | 287129.1 | 287785.8 | 146717.7 | 146618.3 | 0 | 0 | 1432.9 | 1412.9 | 325.00 | 325.00 | 1107.9 | 1087.9 | 1385.04 | 1365.04 |
| 3/1938 | 206504.8 | 206504.7 | 301106.2 | 301729.5 | 149325.9 | 149029.3 | 0 | 0 | 2411.0 | 2411.0 | 325.00 | 325.00 | 2086.0 | 2086.0 | 2348.58 | 2348.60 |
| 4/1938 | 209296.9 | 209297.6 | 320453.9 | 321290.0 | 146989.2 | 146240.6 | 0 | 0 | 2903.3 | 2900.0 | 525.00 | 525.00 | 2378.3 | 2375.0 | 2778.73 | 2775.42 |
| 5/1938 | 216420.3 | 216420.3 | 359991.7 | 360824.4 | 144151.8 | 143411.2 | 0 | 0 | 3003.2 | 3003.2 | 778.36 | 778.36 | 2224.9 | 2224.9 | 2725.12 | 2725.12 |
| 6/1938 | 208113.9 | 208114.5 | 403853.4 | 401718.5 | 139153.3 | 138412.6 | 0 | 0 | 2407.3 | 2457.3 | 870.34 | 867.05 | 1536.9 | 1590.2 | 2028.63 | 2078.60 |
| 7/1938 | 195890.6 | 195890.4 | 366722.0 | 364966.4 | 133521.3 | 132786.2 | 0 | 0 | 1154.6 | 1148.7 | 457.35 | 457.35 | 697.3 | 691.3 | 731.37 | 725.44 |
| 8/1938 | 193699.0 | 193698.8 | 340279.1 | 339069.8 | 127854.0 | 127126.3 | 0 | 0 | 505.5 | 496.8 | 378.11 | 378.09 | 127.4 | 118.7 | 152.38 | 143.69 |
| 9/1938 | 188983.5 | 188983.3 | 317343.4 | 316687.4 | 122760.5 | 122039.6 | 0 | 0 | 522.0 | 512.7 | 259.94 | 259.94 | 262.0 | 252.8 | 287.76 | 278.55 |
| 10/1938 | 174845.9 | 174845.7 | 300251.9 | 300161.0 | 119699.7 | 118982.8 | 0 | 0 | 775.0 | 765.8 | 325.00 | 325.00 | 450.0 | 440.8 | 632.89 | 623.74 |
| 11/1938 | 164563.9 | 164563.7 | 300336.8 | 300336.9 | 119237.1 | 118522.6 | 0 | 0 | 462.1 | 460.5 | 325.00 | 325.00 | 137.1 | 135.5 | 404.63 | 403.11 |
| 12/1938 | 164224.3 | 164224.1 | 303363.3 | 303363.3 | 122859.3 | 122146.6 | 0 | 0 | 325.0 | 325.0 | 325.00 | 325.00 | 0.0 | 0.0 | 266.62 | 266.62 |
| 1/1939 | 160889.2 | 160889.0 | 301390.0 | 301390.0 | 130978.6 | 130268.8 | 0 | 0 | 325.0 | 325.0 | 325.00 | 325.00 | 0.0 | 0.0 | 272.26 | 272.26 |
| 2/1939 | 158519.8 | 158538.3 | 291295.7 | 291295.7 | 136564.0 | 135839.8 | 0 | 0 | 325.0 | 325.0 | 325.00 | 325.00 | 0.0 | 0.0 | 272.09 | 272.09 |
| 3/1939 | 168336.9 | 168207.7 | 282124.6 | 281926.2 | 142054.5 | 141680.9 | 0 | 0 | 325.0 | 325.0 | 325.00 | 325.00 | 0.0 | 0.0 | 262.63 | 262.63 |
| 4/1939 | 179015.0 | 178973.4 | 283870.0 | 283622.9 | 141733.2 | 141326.9 | 2 | 2 | 274.8 | 274.8 | 274.78 | 274.78 | 0.0 | 0.0 | 150.47 | 150.47 |
| 5/1939 | 188950.4 | 188909.1 | 270251.5 | 270005.4 | 137569.4 | 137168.6 | 2 | 2 | 338.0 | 338.0 | 338.03 | 338.03 | 0.0 | 0.0 | 151.81 | 151.81 |
| 6/1939 | 184988.0 | 184871.6 | 251428.3 | 251184.0 | 132127.2 | 131808.2 | 2 | 2 | 268.5 | 268.5 | 268.49 | 268.49 | 0.0 | 0.0 | 30.59 | 30.59 |
| 7/1939 | 176373.3 | 176260.4 | 230607.4 | 230365.7 | 126255.4 | 125946.9 | 2 | 2 | 278.4 | 278.4 | 278.43 | 278.43 | 0.0 | 0.0 | 29.32 | 29.32 |
| 8/1939 | 168081.1 | 167977.4 | 212923.3 | 212684.0 | 120530.5 | 120228.8 | 2 | 2 | 232.1 | 232.1 | 232.09 | 232.09 | 0.0 | 0.0 | 21.55 | 21.55 |
| 9/1939 | 163891.5 | 163797.8 | 199943.1 | 199705.6 | 115578.8 | 115283.0 | 2 | 2 | 201.7 | 201.7 | 172.59 | 172.59 | 29.1 | 29.1 | 50.01 | 50.01 |
| 10/1939 | 164128.0 | 164044.9 | 186732.0 | 186495.8 | 112259.8 | 111969.0 | 2 | 2 | 220.0 | 220.0 | 220.00 | 220.00 | 0.0 | 0.0 | 134.82 | 134.82 |
| 11/1939 | 160343.8 | 160270.6 | 180203.1 | 179967.9 | 111160.4 | 110873.3 | 2 | 2 | 220.0 | 220.0 | 220.00 | 220.00 | 0.0 | 0.0 | 163.07 | 163.07 |
| 12/1939 | 161954.8 | 162088.4 | 180881.8 | 180449.0 | 114306.0 | 114021.7 | 2 | 2 | 220.0 | 220.0 | 220.00 | 220.00 | 0.0 | 0.0 | 161.77 | 161.77 |
| 1/1940 | 177771.1 | 177891.6 | 222973.1 | 222488.6 | 133956.4 | 133741.0 | 2 | 2 | 220.0 | 220.0 | 220.00 | 220.00 | 0.0 | 0.0 | 173.81 | 173.81 |
| 2/1940 | 206185.5 | 206196.1 | 272559.3 | 272082.2 | 150059.7 | 149967.3 | 2 | 2 | 232.4 | 232.4 | 220.00 | 220.00 | 12.4 | 12.4 | 183.96 | 183.96 |
| 3/1940 | 212000.0 | 212000.0 | 327244.2 | 327767.0 | 154315.4 | 154408.1 | 2 | 2 | 1143.2 | 1127.1 | 220.00 | 220.00 | 923.2 | 907.1 | 1080.57 | 1064.46 |
| 4/1940 | 204849.5 | 204853.7 | 350476.2 | 351326.2 | 147609.4 | 147892.8 | 0 | 0 | 1916.0 | 1911.3 | 525.00 | 525.00 | 1391.0 | 1386.3 | 1791.22 | 1786.56 |
| 5/1940 | 207076.4 | 206877.4 | 407422.2 | 407691.5 | 144357.5 | 141048.1 | 0 | 0 | 1852.9 | 1791.0 | 777.38 | 777.35 | 1075.5 | 1013.6 | 1575.64 | 1513.73 |
| 6/1940 | 193536.6 | 192491.4 | 405756.3 | 403439.2 | 139566.7 | 133928.2 | 0 | 0 | 1272.1 | 1238.5 | 870.73 | 869.01 | 401.4 | 369.5 | 894.74 | 861.17 |
| 7/1940 | 197152.7 | 197109.0 | 376001.6 | 373458.8 | 133890.8 | 128315.3 | 0 | 0 | 480.7 | 468.5 | 456.21 | 456.21 | 24.5 | 12.3 | 58.69 | 46.54 |
| 8/1940 | 193550.2 | 193584.7 | 349798.0 | 348060.5 | 128208.2 | 122699.5 | 0 | 0 | 480.4 | 466.3 | 378.11 | 378.11 | 102.3 | 88.2 | 127.36 | 113.24 |
| 9/1940 | 189178.2 | 189212.5 | 328011.5 | 327069.0 | 123146.7 | 117699.7 | 0 | 0 | 484.7 | 471.5 | 259.92 | 259.91 | 224.8 | 211.6 | 250.47 | 237.24 |
| 10/1940 | 169653.5 | 169688.5 | 310729.1 | 310612.0 | 119897.7 | 114510.2 | 0 | 0 | 706.6 | 693.2 | 325.00 | 325.00 | 381.6 | 368.2 | 563.76 | 550.37 |
| 11/1940 | 156713.2 | 156747.9 | 296362.2 | 296362.2 | 119814.5 | 114495.7 | 0 | 0 | 423.4 | 421.5 | 325.00 | 325.00 | 98.4 | 96.5 | 366.15 | 364.18 |
| 12/1940 | 172574.0 | 171532.3 | 294631.2 | 294233.9 | 128933.6 | 125262.0 | 0 | 0 | 325.0 | 325.0 | 325.00 | 325.00 | 0.0 | 0.0 | 270.75 | 270.75 |
| 1/1941 | 173102.5 | 172305.1 | 316707.7 | 315020.1 | 139750.6 | 138050.8 | 0 | 0 | 349.2 | 344.4 | 325.00 | 325.00 | 24.2 | 19.4 | 297.03 | 292.19 |
| 2/1941 | 188298.6 | 187871.2 | 327179.0 | 327432.6 | 143613.3 | 142248.1 | 0 | 0 | 865.0 | 808.6 | 325.00 | 325.00 | 540.0 | 483.6 | 812.26 | 755.93 |
| 3/1941 | 195995.6 | 195190.9 | 332018.1 | 332133.0 | 150506.2 | 149339.1 | 0 | 0 | 1278.7 | 1278.7 | 325.00 | 325.00 | 953.7 | 953.7 | 1215.07 | 1215.07 |
| 4/1941 | 188706.4 | 188480.1 | 362217.2 | 361688.2 | 151035.7 | 151101.1 | 1 | 1 | 673.4 | 673.4 | 473.82 | 473.82 | 199.6 | 199.6 | 553.41 | 553.41 |
| 5/1941 | 208163.6 | 207951.4 | 386538.0 | 385030.4 | 148549.7 | 145918.5 | 1 | 1 | 2159.7 | 2095.3 | 677.34 | 677.22 | 1482.4 | 1418.1 | 1882.55 | 1818.22 |
| 6/1941 | 197371.2 | 196410.0 | 413239.8 | 412317.4 | 143116.3 | 138234.0 | 1 | 1 | 1567.3 | 1477.3 | 777.81 | 777.69 | 789.5 | 699.7 | 1189.57 | 1099.69 |
| 7/1941 | 196961.2 | 197036.6 | 378384.5 | 377889.0 | 137254.5 | 132409.1 | 1 | 1 | 750.2 | 727.0 | 452.77 | 452.70 | 297.5 | 274.3 | 327.64 | 304.42 |
| 8/1941 | 193348.2 | 193450.6 | 349954.5 | 349530.1 | 131480.5 | 126695.3 | 1 | 1 | 551.9 | 550.3 | 374.71 | 374.71 | 177.2 | 175.6 | 198.71 | 197.15 |
| 9/1941 | 188953.2 | 189055.4 | 324608.2 | 324436.0 | 126279.6 | 121550.2 | 1 | 1 | 552.2 | 548.0 | 254.99 | 254.99 | 297.2 | 293.0 | 317.90 | 313.68 |
| 10/1941 | 172370.9 | 172472.5 | 304535.1 | 304511.3 | 122846.1 | 118238.1 | 0 | 0 | 769.2 | 766.8 | 325.00 | 325.00 | 444.2 | 441.8 | 625.78 | 623.37 |
| 11/1941 | 163204.1 | 163107.1 | 303134.2 | 303332.5 | 122840.9 | 118351.1 | 0 | 0 | 440.1 | 439.7 | 325.00 | 325.00 | 115.1 | 114.7 | 383.59 | 383.18 |
| 12/1941 | 172001.3 | 171881.3 | 298514.6 | 298515.0 | 133284.3 | 130621.7 | 0 | 0 | 680.6 | 661.3 | 325.00 | 325.00 | 355.6 | 336.3 | 626.17 | 606.83 |
| 1/1942 | 205615.3 | 205555.4 | 295383.5 | 294525.9 | 139280.9 | 138259.1 | 0 | 0 | 1022.6 | 1022.6 | 325.00 | 325.00 | 697.6 | 697.6 | 973.30 | 973.30 |
| 2/1942 | 200405.2 | 200112.1 | 287096.4 | 287720.7 | 142145.9 | 140953.6 | 0 | 0 | 2085.7 | 2047.9 | 325.00 | 325.00 | 1760.7 | 1722.9 | 2031.05 | 1993.24 |
| 3/1942 | 182601.0 | 182413.4 | 302906.2 | 302935.1 | 146886.7 | 146339.6 | 0 | 0 | 904.5 | 904.5 | 325.00 | 325.00 | 579.5 | 579.5 | 839.26 | 839.26 |

| Date | Baseline at 190MGD | Project at 190MGD | Baseline at 190MGD | Project at 190MGD | Baseline at 190MGD | Project at 190MGD | Baseline at 190MGD | Project at 190MGD |
|---------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|----------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|-------------------------|
| | (acre-ft) | (acre-ft) | (acre-ft) | (acre-ft) | (acre-ft) | (acre-ft) | (NA) | (NA) | (cfs) | (cfs) | (cfs) | (cfs) | (cfs) | (cfs) | (cfs) | (cfs) |
| | Pardee Storage | Pardee Storage | Camanche Storage | Camanche Storage | TRA Storage | TRA Storage | JSA Year Type | JSA Year Type | Camanche Outflow | Camanche Outflow | Required Minimum Flows | Required Minimum Flows | Camanche Flood Release | Camanche Flood Release | Flow below Lodi Lake | Flow below Lodi Lake |
| 4/1942 | 206836.1 | 206821.5 | 331739.6 | 331576.6 | 150919.4 | 150381.2 | 0 | 0 | 866.5 | 866.5 | 525.00 | 525.00 | 341.5 | 341.5 | 746.29 | 746.29 |
| 5/1942 | 209858.6 | 209858.6 | 367603.4 | 368418.6 | 150193.3 | 149660.9 | 0 | 0 | 2187.1 | 2171.0 | 777.66 | 777.66 | 1409.4 | 1393.3 | 1911.39 | 1895.27 |
| 6/1942 | 205639.5 | 205639.5 | 406194.7 | 405225.9 | 144679.5 | 144155.0 | 0 | 0 | 2018.7 | 2048.7 | 878.32 | 878.34 | 1140.4 | 1170.3 | 1640.39 | 1670.36 |
| 7/1942 | 197572.7 | 197573.1 | 369784.4 | 369048.3 | 138720.5 | 138203.2 | 0 | 0 | 1204.4 | 1200.7 | 457.40 | 457.39 | 747.0 | 743.3 | 781.14 | 777.46 |
| 8/1942 | 192760.3 | 192760.8 | 339961.1 | 339463.7 | 132922.4 | 132412.5 | 0 | 0 | 629.1 | 625.3 | 378.42 | 378.42 | 250.7 | 246.9 | 275.73 | 271.92 |
| 9/1942 | 188989.0 | 188989.4 | 314598.4 | 314328.7 | 127761.0 | 127257.4 | 0 | 0 | 560.9 | 557.1 | 260.01 | 260.00 | 300.9 | 297.1 | 326.54 | 322.77 |
| 10/1942 | 169779.0 | 169779.5 | 293637.8 | 293600.5 | 124471.3 | 124033.3 | 0 | 0 | 792.9 | 789.1 | 325.00 | 325.00 | 467.9 | 464.1 | 649.03 | 645.26 |
| 11/1942 | 169833.1 | 169833.5 | 301600.0 | 301600.0 | 126341.6 | 125887.2 | 0 | 0 | 568.0 | 567.4 | 325.00 | 325.00 | 243.0 | 242.4 | 515.15 | 514.52 |
| 12/1942 | 171563.2 | 171410.3 | 300696.7 | 300696.7 | 130159.0 | 129790.2 | 0 | 0 | 619.4 | 619.4 | 325.00 | 325.00 | 294.4 | 294.4 | 561.86 | 561.86 |
| 1/1943 | 206799.0 | 206792.8 | 292518.7 | 292253.9 | 139030.3 | 138908.1 | 0 | 0 | 1130.3 | 1130.3 | 325.00 | 325.00 | 805.3 | 805.3 | 1080.24 | 1080.24 |
| 2/1943 | 192172.0 | 192018.1 | 279414.0 | 279937.5 | 141057.9 | 140947.3 | 0 | 0 | 1591.4 | 1577.1 | 325.00 | 325.00 | 1266.4 | 1252.1 | 1537.54 | 1523.25 |
| 3/1943 | 206083.5 | 206099.6 | 299882.8 | 300435.4 | 146304.1 | 146195.4 | 0 | 0 | 2229.0 | 2225.8 | 325.00 | 325.00 | 1904.0 | 1900.8 | 2167.17 | 2163.96 |
| 4/1943 | 212972.9 | 212973.6 | 358911.6 | 358726.5 | 147896.4 | 147790.1 | 0 | 0 | 1502.7 | 1515.3 | 525.00 | 525.00 | 977.7 | 990.3 | 1380.00 | 1392.63 |
| 5/1943 | 209211.5 | 209211.7 | 397081.6 | 397924.5 | 143651.4 | 143513.1 | 0 | 0 | 1759.0 | 1742.9 | 777.13 | 777.13 | 981.8 | 965.7 | 1481.86 | 1465.73 |
| 6/1943 | 195481.7 | 195481.7 | 409274.5 | 408541.4 | 138059.1 | 137924.2 | 0 | 0 | 1442.9 | 1469.5 | 877.47 | 875.87 | 565.5 | 593.6 | 1065.68 | 1092.15 |
| 7/1943 | 195954.7 | 195954.4 | 378453.7 | 377879.4 | 132144.7 | 132013.5 | 0 | 0 | 545.4 | 542.8 | 456.25 | 456.25 | 89.1 | 86.6 | 123.28 | 120.77 |
| 8/1943 | 193362.4 | 193362.1 | 351359.2 | 350968.4 | 126320.0 | 126191.9 | 0 | 0 | 505.7 | 502.8 | 378.08 | 378.07 | 127.6 | 124.7 | 152.69 | 149.76 |
| 9/1943 | 189232.3 | 189232.0 | 329005.2 | 328793.2 | 121095.1 | 120969.8 | 0 | 0 | 506.7 | 503.7 | 259.94 | 259.94 | 246.8 | 243.8 | 272.41 | 269.43 |
| 10/1943 | 172877.3 | 172877.0 | 310532.1 | 310502.7 | 117592.6 | 117469.7 | 0 | 0 | 768.4 | 765.5 | 325.00 | 325.00 | 443.4 | 440.5 | 625.34 | 622.38 |
| 11/1943 | 163465.0 | 163464.7 | 310004.4 | 310004.4 | 116533.6 | 116412.7 | 0 | 0 | 398.8 | 398.3 | 325.00 | 325.00 | 73.8 | 73.3 | 341.54 | 341.04 |
| 12/1943 | 160424.4 | 160378.1 | 299275.0 | 299275.0 | 120108.2 | 120034.9 | 0 | 0 | 325.0 | 325.0 | 325.00 | 325.00 | 0.0 | 0.0 | 267.05 | 267.05 |
| 1/1944 | 161225.6 | 161178.8 | 291201.2 | 291201.3 | 129397.3 | 129325.6 | 0 | 0 | 325.0 | 325.0 | 325.00 | 325.00 | 0.0 | 0.0 | 272.60 | 272.60 |
| 2/1944 | 164219.9 | 164171.1 | 290416.4 | 290416.4 | 139766.1 | 139697.3 | 0 | 0 | 325.0 | 325.0 | 325.00 | 325.00 | 0.0 | 0.0 | 274.95 | 274.95 |
| 3/1944 | 168360.2 | 168311.0 | 291592.0 | 291592.0 | 144283.2 | 144216.7 | 0 | 0 | 325.0 | 325.0 | 325.00 | 325.00 | 0.0 | 0.0 | 260.03 | 260.03 |
| 4/1944 | 182704.5 | 182654.8 | 298504.2 | 298504.3 | 146839.5 | 146774.9 | 2 | 2 | 272.9 | 272.9 | 272.86 | 272.86 | 0.0 | 0.0 | 152.56 | 152.56 |
| 5/1944 | 195707.0 | 195657.2 | 325691.2 | 325691.6 | 143057.7 | 142995.0 | 2 | 2 | 370.0 | 370.0 | 370.03 | 370.03 | 0.0 | 0.0 | 150.77 | 150.77 |
| 6/1944 | 197480.8 | 197519.4 | 335124.7 | 335037.0 | 138096.4 | 138035.7 | 2 | 2 | 328.1 | 328.1 | 328.11 | 328.11 | 0.0 | 0.0 | 30.67 | 30.67 |
| 7/1944 | 195570.5 | 195647.8 | 313741.1 | 313686.1 | 132145.1 | 132086.8 | 2 | 2 | 374.2 | 373.0 | 363.50 | 363.50 | 10.7 | 9.5 | 40.03 | 38.86 |
| 8/1944 | 193571.7 | 193269.1 | 296329.9 | 296654.5 | 126345.7 | 126289.4 | 2 | 2 | 318.5 | 318.5 | 318.50 | 318.50 | 0.0 | 0.0 | 21.60 | 21.60 |
| 9/1944 | 189323.9 | 189417.7 | 289653.5 | 289581.6 | 121141.0 | 121086.3 | 2 | 2 | 244.4 | 244.4 | 219.88 | 219.88 | 24.5 | 24.5 | 44.89 | 44.89 |
| 10/1944 | 171873.7 | 171967.1 | 304120.4 | 304187.8 | 117991.4 | 117938.0 | 1 | 1 | 255.4 | 253.1 | 250.00 | 250.00 | 5.4 | 3.1 | 133.69 | 131.42 |
| 11/1944 | 167703.7 | 167549.7 | 320905.9 | 321153.5 | 121681.8 | 121629.1 | 1 | 1 | 517.2 | 518.3 | 250.00 | 250.00 | 267.2 | 268.3 | 465.28 | 466.39 |
| 12/1944 | 173354.8 | 173399.4 | 324102.7 | 324152.0 | 127386.9 | 127335.2 | 1 | 1 | 466.1 | 466.1 | 250.00 | 250.00 | 216.1 | 216.1 | 408.70 | 408.70 |
| 1/1945 | 163337.7 | 163382.1 | 327603.1 | 327652.2 | 133129.8 | 133079.1 | 1 | 1 | 422.6 | 422.6 | 250.00 | 250.00 | 172.6 | 172.6 | 367.58 | 367.58 |
| 2/1945 | 180212.8 | 180214.7 | 318749.8 | 318088.4 | 140975.7 | 141003.9 | 1 | 1 | 1577.1 | 1590.7 | 250.00 | 250.00 | 1327.1 | 1340.7 | 1525.30 | 1538.84 |
| 3/1945 | 179398.2 | 179400.0 | 333615.3 | 333946.0 | 148699.2 | 148715.1 | 1 | 1 | 483.9 | 467.7 | 250.00 | 250.00 | 233.9 | 217.7 | 421.40 | 405.29 |
| 4/1945 | 196202.3 | 196204.1 | 345327.5 | 344917.6 | 147957.2 | 147972.9 | 1 | 1 | 620.1 | 632.5 | 473.75 | 473.77 | 146.3 | 158.8 | 497.21 | 509.63 |
| 5/1945 | 199230.6 | 197818.7 | 386875.2 | 385916.1 | 144794.7 | 142418.0 | 1 | 1 | 1221.6 | 1160.8 | 676.41 | 676.32 | 545.2 | 484.5 | 945.68 | 884.99 |
| 6/1945 | 199520.4 | 198462.0 | 413570.5 | 414238.6 | 139225.6 | 134588.3 | 1 | 1 | 1348.9 | 1222.8 | 777.46 | 777.32 | 571.5 | 445.5 | 972.92 | 846.95 |
| 7/1945 | 197103.3 | 197122.4 | 376348.2 | 376988.0 | 133328.3 | 128745.3 | 1 | 1 | 778.4 | 761.2 | 452.68 | 452.63 | 325.7 | 308.6 | 355.87 | 338.78 |
| 8/1945 | 193318.7 | 193340.8 | 344967.6 | 345315.2 | 127532.2 | 123004.1 | 1 | 1 | 623.4 | 628.0 | 374.80 | 374.81 | 248.6 | 253.2 | 270.11 | 274.75 |
| 9/1945 | 188873.4 | 188895.4 | 317704.9 | 317945.1 | 122331.8 | 117856.8 | 1 | 1 | 590.1 | 591.8 | 255.02 | 255.03 | 335.0 | 336.8 | 355.72 | 357.48 |
| 10/1945 | 175531.9 | 175553.8 | 298231.0 | 298264.3 | 119296.8 | 114884.0 | 0 | 0 | 846.1 | 849.5 | 325.00 | 325.00 | 521.1 | 524.5 | 704.76 | 708.12 |
| 11/1945 | 169420.6 | 169442.4 | 297561.8 | 297561.8 | 120347.5 | 115971.0 | 0 | 0 | 642.1 | 642.7 | 325.00 | 325.00 | 317.1 | 317.7 | 588.21 | 588.77 |
| 12/1945 | 208586.7 | 208516.3 | 293015.3 | 293269.7 | 131283.9 | 127729.6 | 0 | 0 | 1155.5 | 1139.4 | 325.00 | 325.00 | 830.5 | 814.4 | 1099.79 | 1083.68 |
| 1/1946 | 177782.6 | 177033.0 | 293839.1 | 294566.2 | 133596.0 | 131224.4 | 0 | 0 | 1519.4 | 1501.9 | 325.00 | 325.00 | 1194.4 | 1176.9 | 1463.72 | 1446.33 |
| 2/1946 | 166814.1 | 166825.9 | 299937.2 | 299028.7 | 137930.6 | 136632.1 | 0 | 0 | 528.6 | 528.6 | 325.00 | 325.00 | 203.6 | 203.6 | 475.05 | 475.05 |
| 3/1946 | 177232.5 | 177207.9 | 303786.0 | 303770.8 | 143913.4 | 142908.4 | 0 | 0 | 512.9 | 494.4 | 325.00 | 325.00 | 187.9 | 169.4 | 449.47 | 430.94 |
| 4/1946 | 194324.1 | 194336.9 | 318426.4 | 318411.2 | 144915.8 | 143883.1 | 1 | 1 | 473.7 | 473.7 | 430.25 | 430.25 | 43.5 | 43.5 | 350.38 | 350.38 |
| 5/1946 | 205894.9 | 205683.4 | 398234.3 | 393240.6 | 141427.2 | 138039.7 | 1 | 1 | 614.0 | 606.0 | 614.04 | 605.96 | 0.0 | 0.0 | 340.41 | 332.34 |
| 6/1946 | 192792.6 | 191197.1 | 404627.8 | 403228.0 | 135995.9 | 130357.4 | 1 | 1 | 969.5 | 839.7 | 766.75 | 761.53 | 202.7 | 78.1 | 592.68 | 463.09 |