



Photograph 5.1-1. Trinity Dam and Powerhouse
 (Source: Bureau of Reclamation.)

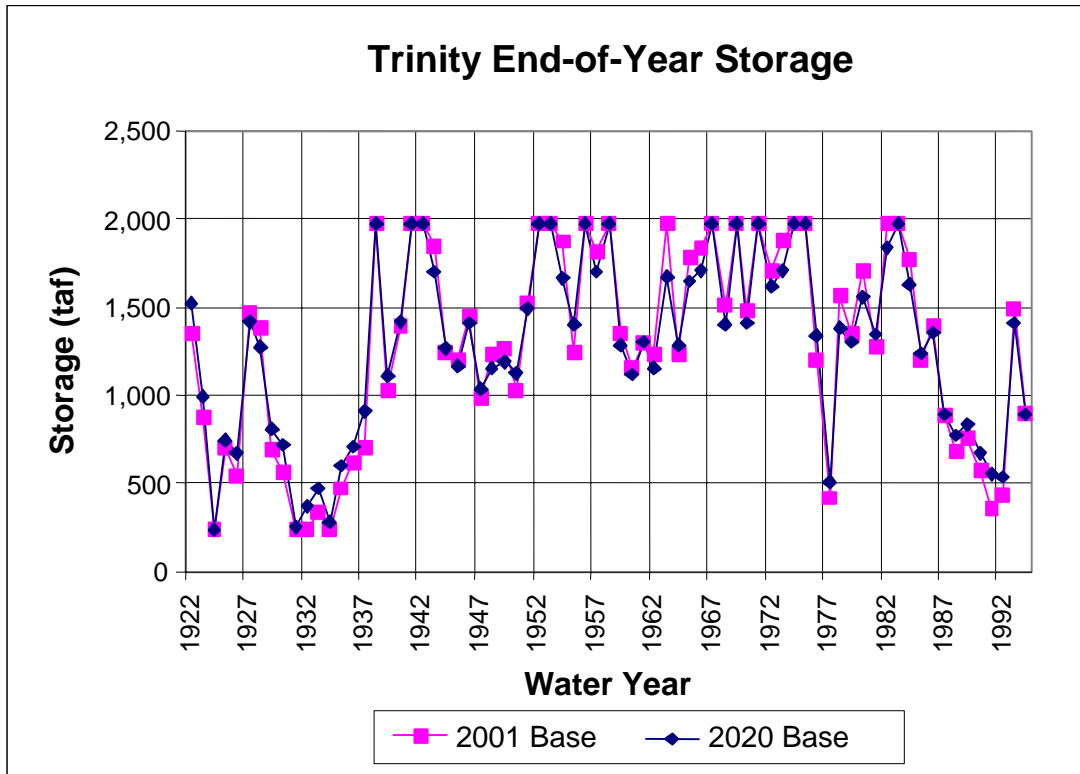


Figure 5.1-1. CALSIM–Simulated Carryover Storage in Trinity Lake for 2001 and 2020 Baseline Conditions with 1922–1994 Hydrology

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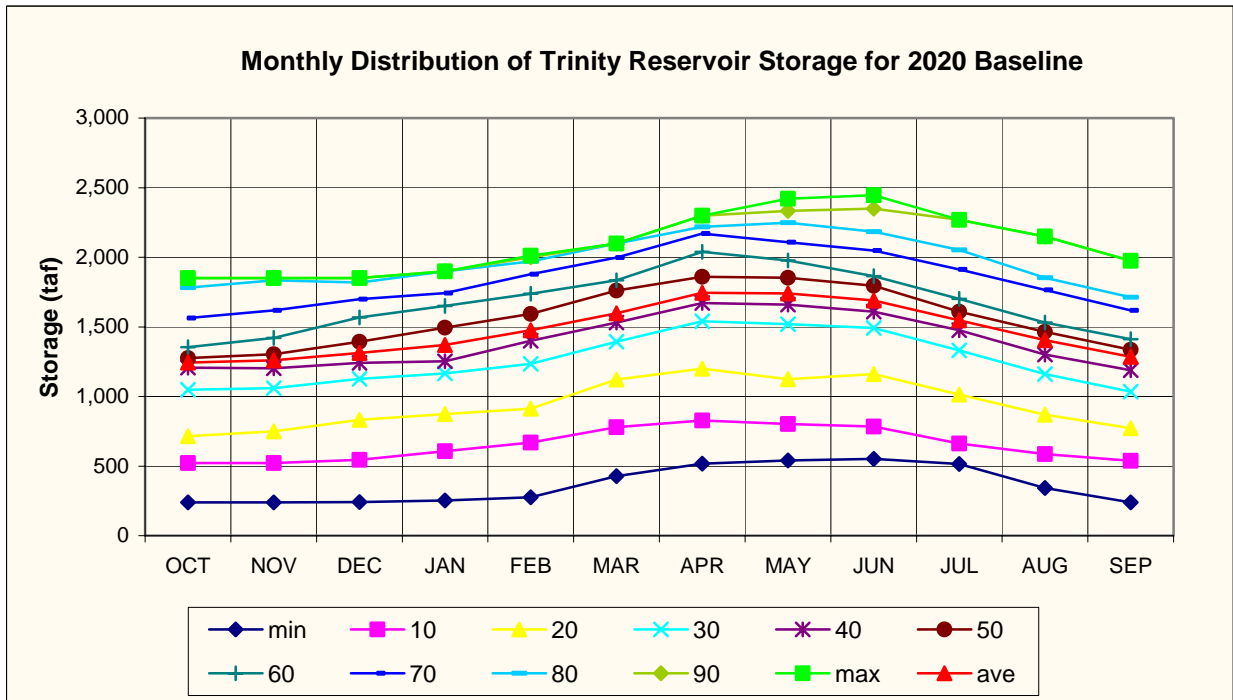
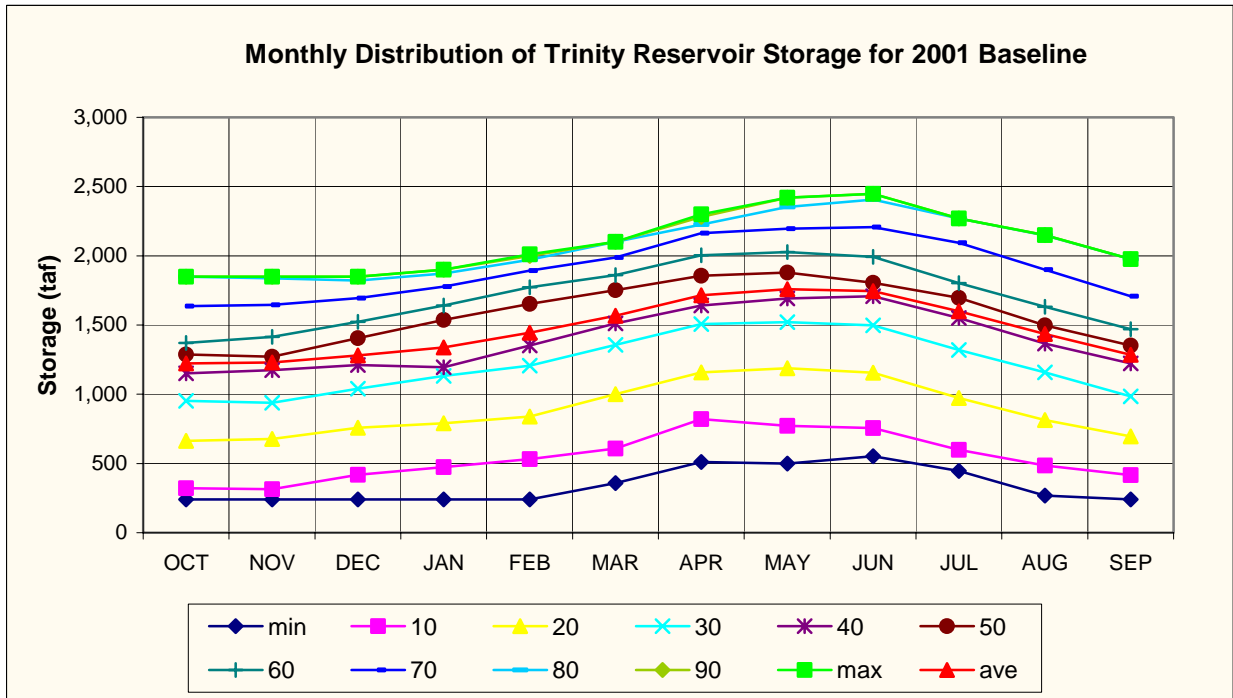


Photograph 5.1-2. Lewiston Dam and Lewiston Hatchery
(Source: Bureau of Reclamation.)

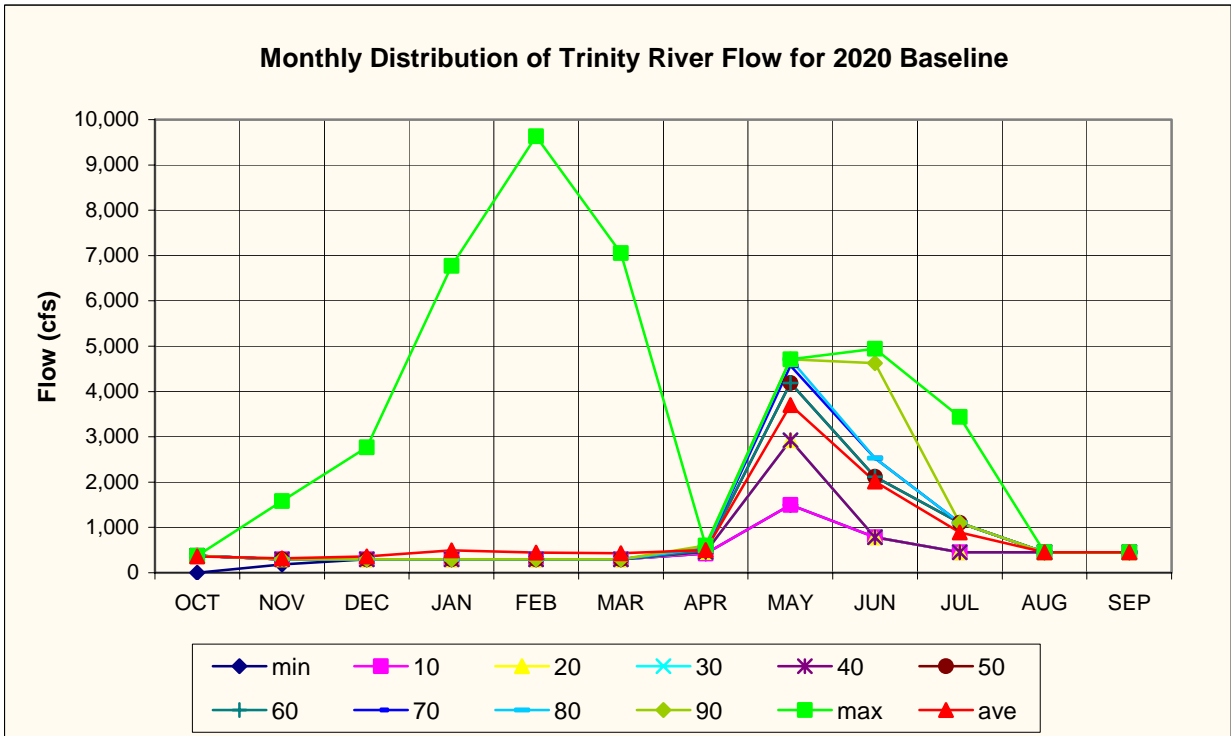
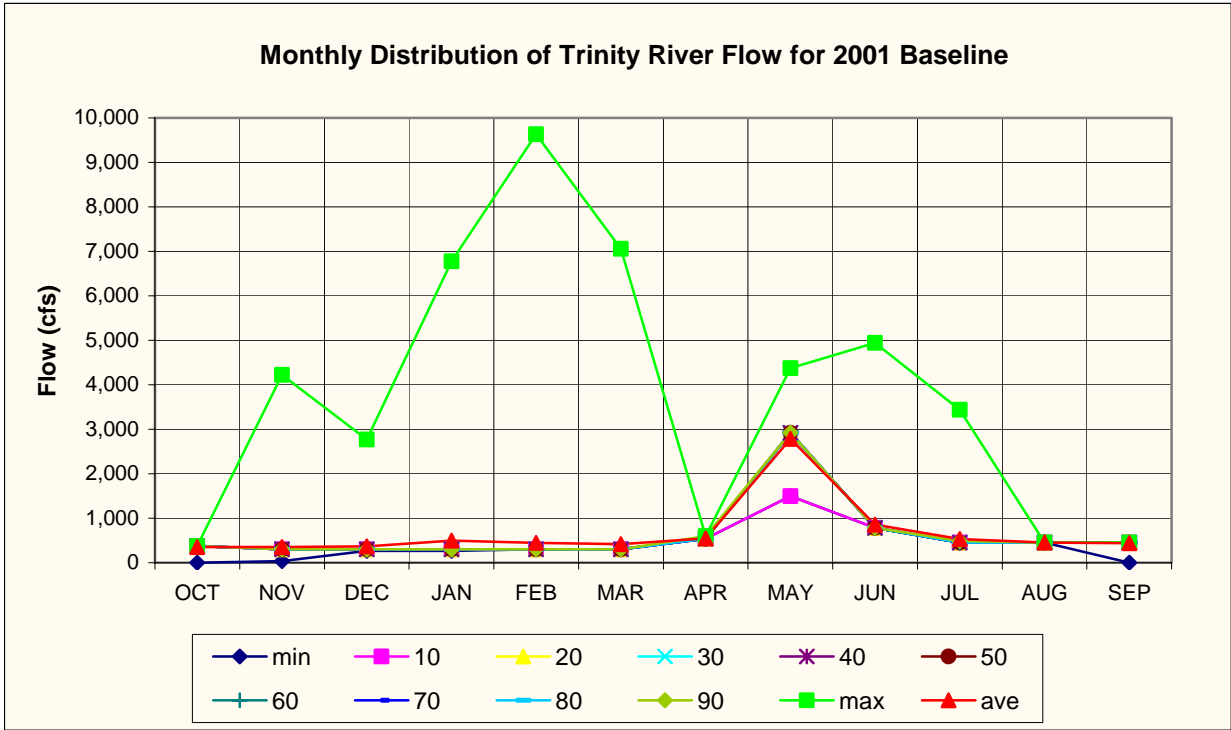


Photograph 5.1-3. Judge Francis Carr Powerplant
(Source: Bureau of Reclamation.)

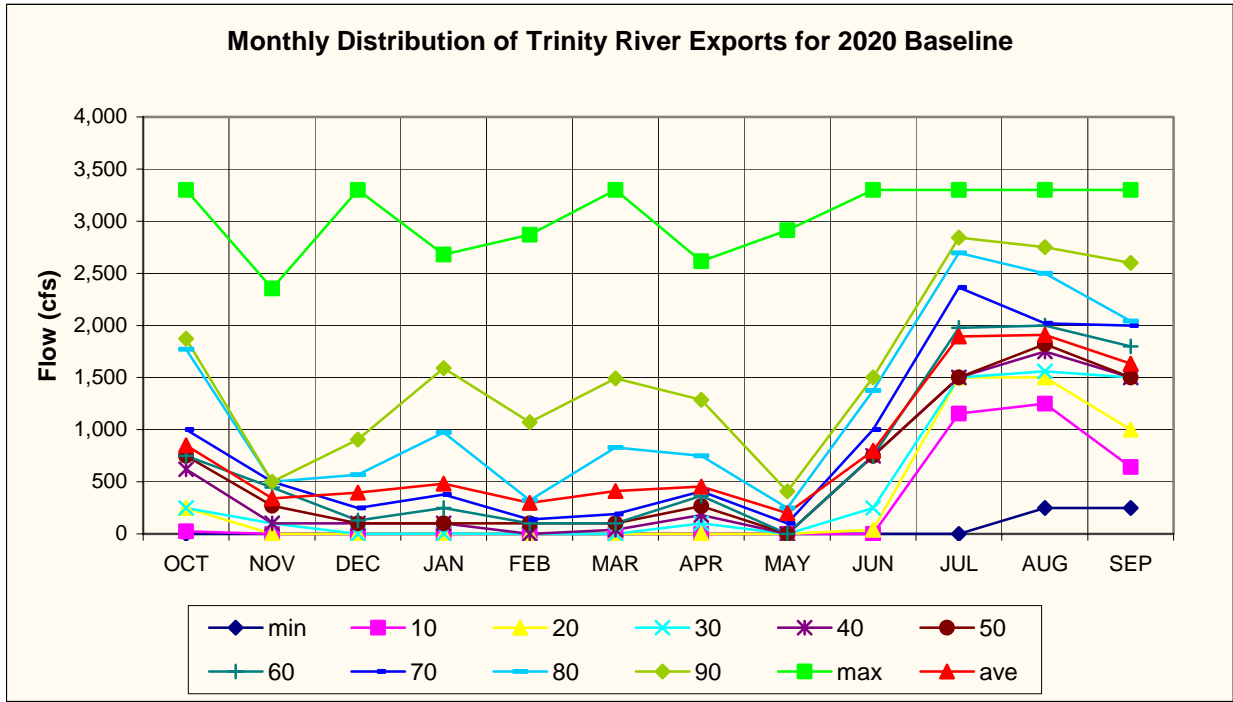
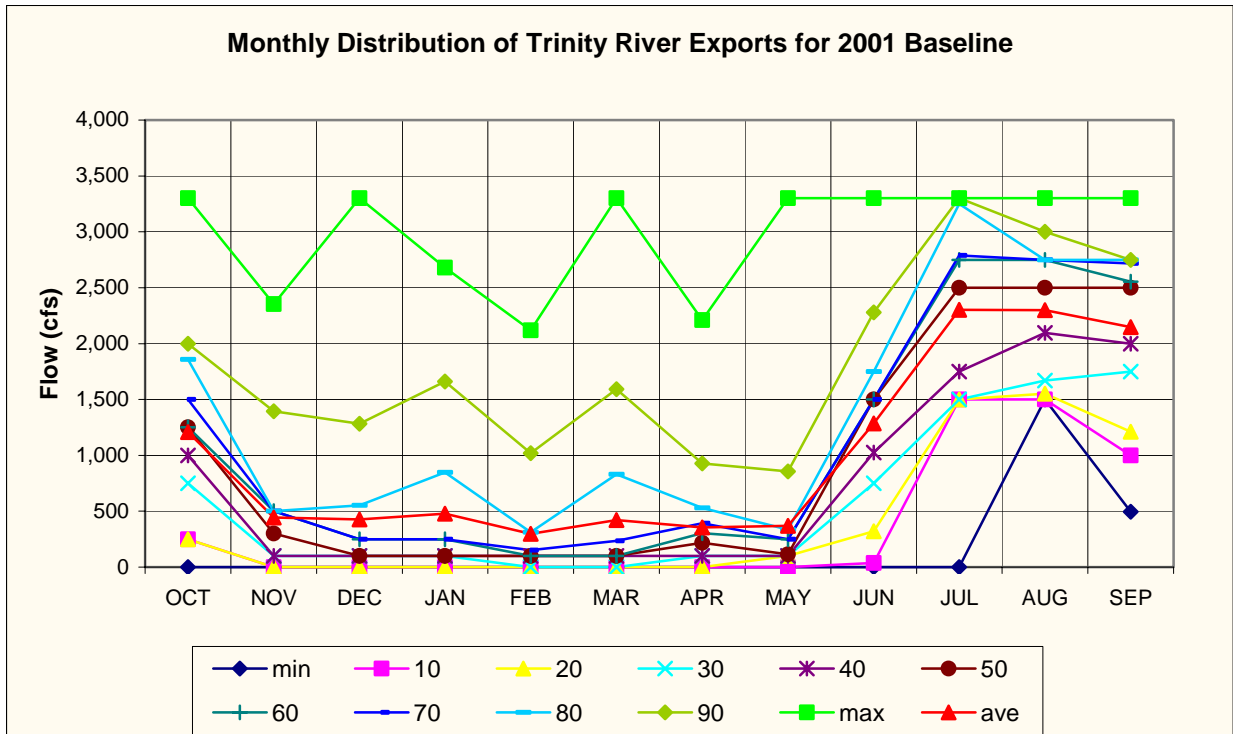
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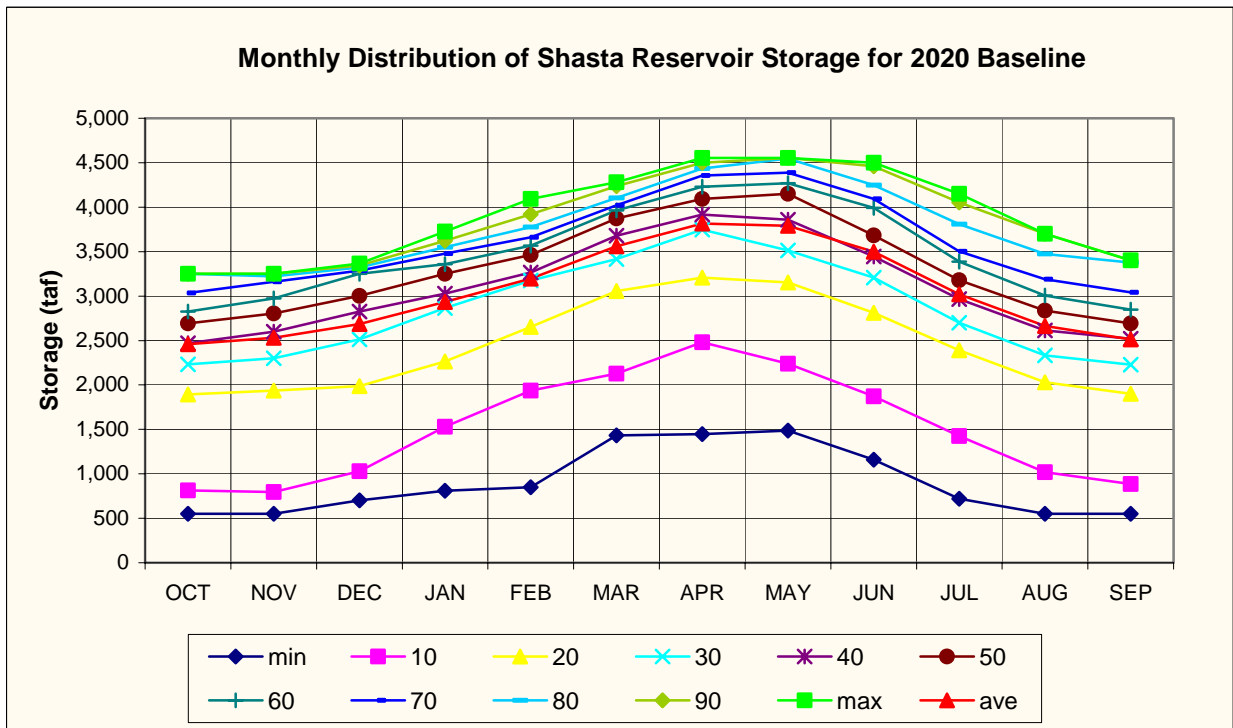
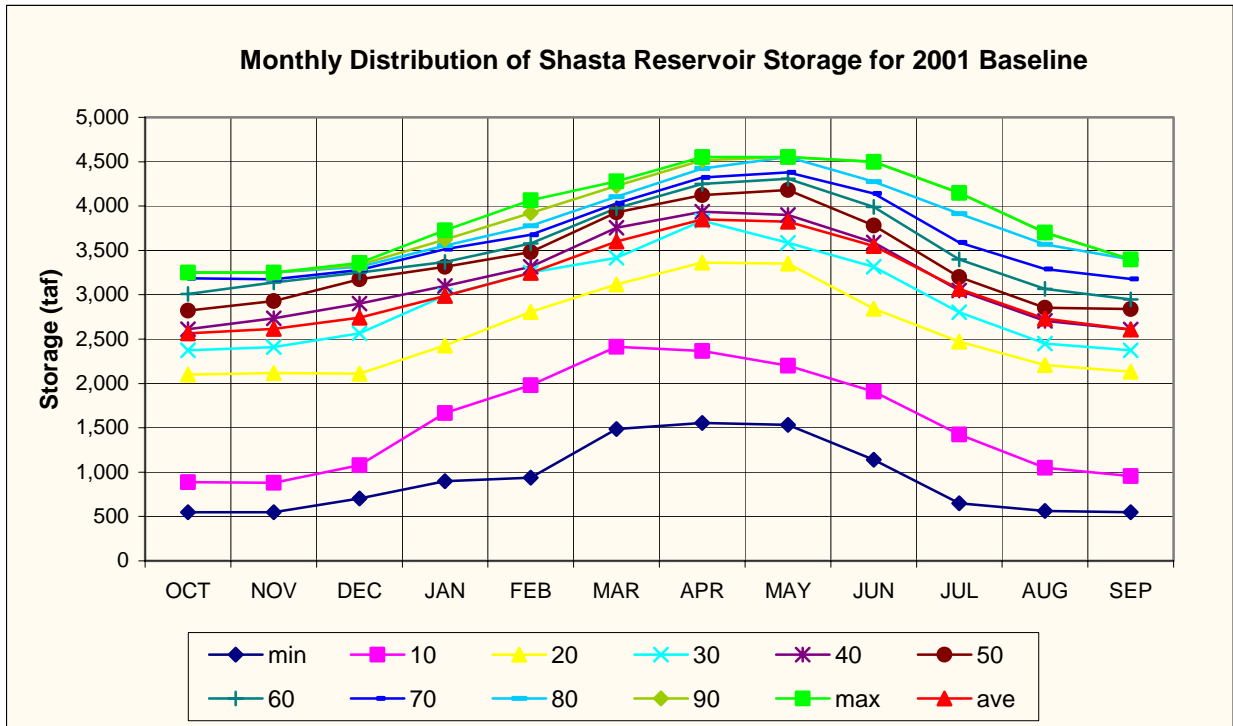
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Figure 5.1-4

Monthly Range (Percentiles) of Trinity River Export Flow for 2001 and 2020 Baselines



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Figure 5.1-5

Monthly Range (Percentiles) of Shasta Reservoir Storage for 2001 and 2020 Baselines



Photograph 5.1-4. Shasta Dam
 (Source: Bureau of Reclamation.)

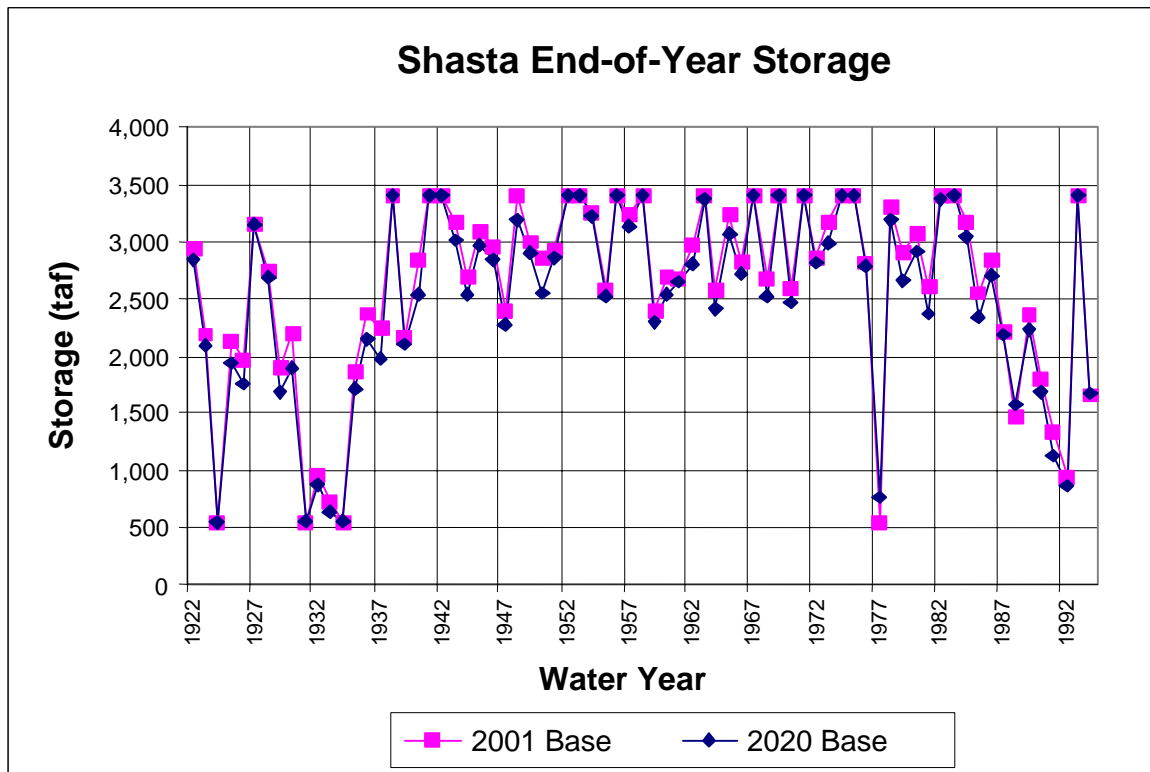
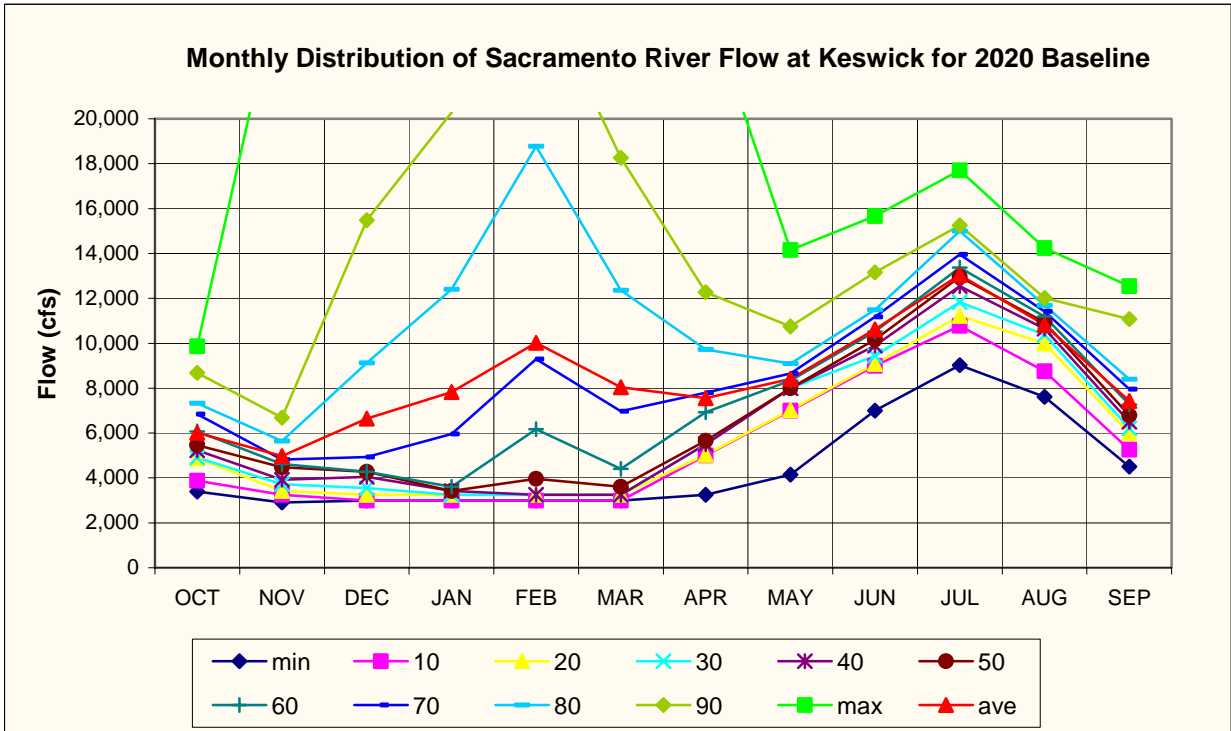
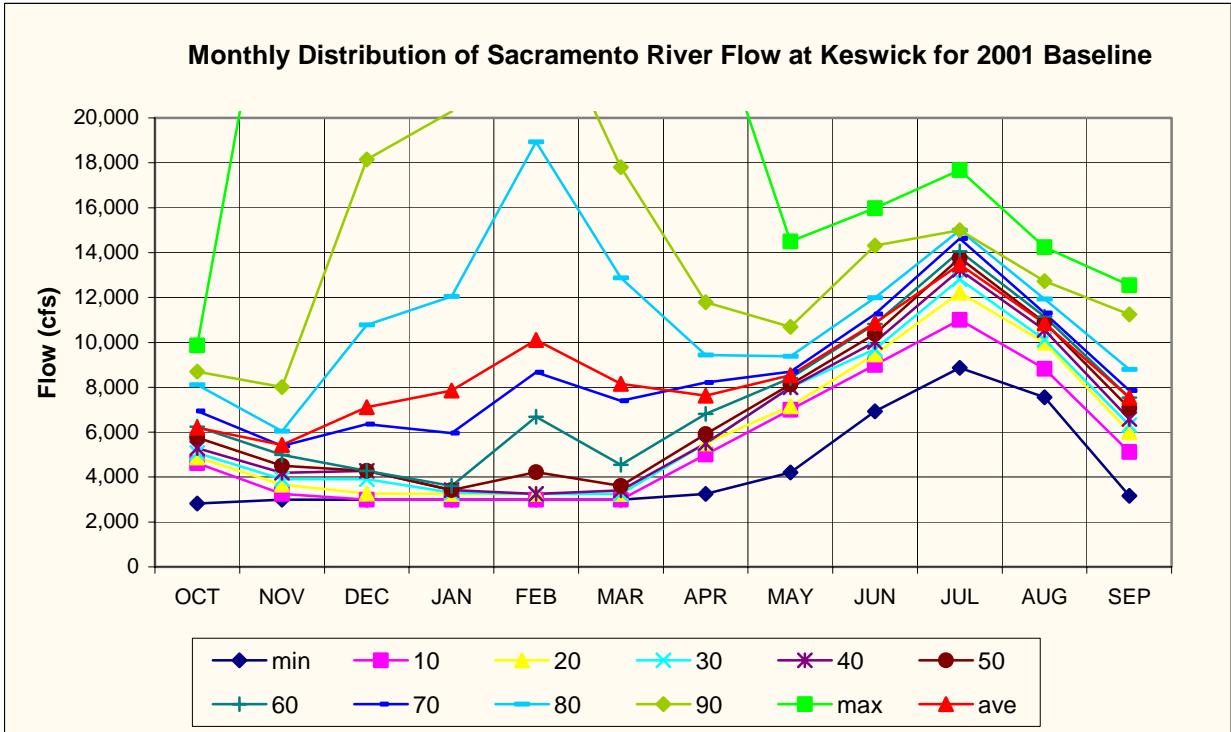


Figure 5.1-6. CALSIM-Simulated Carryover Storage in Shasta Lake for 2001 and 2020 Baseline Conditions with 1922-1994 Hydrology

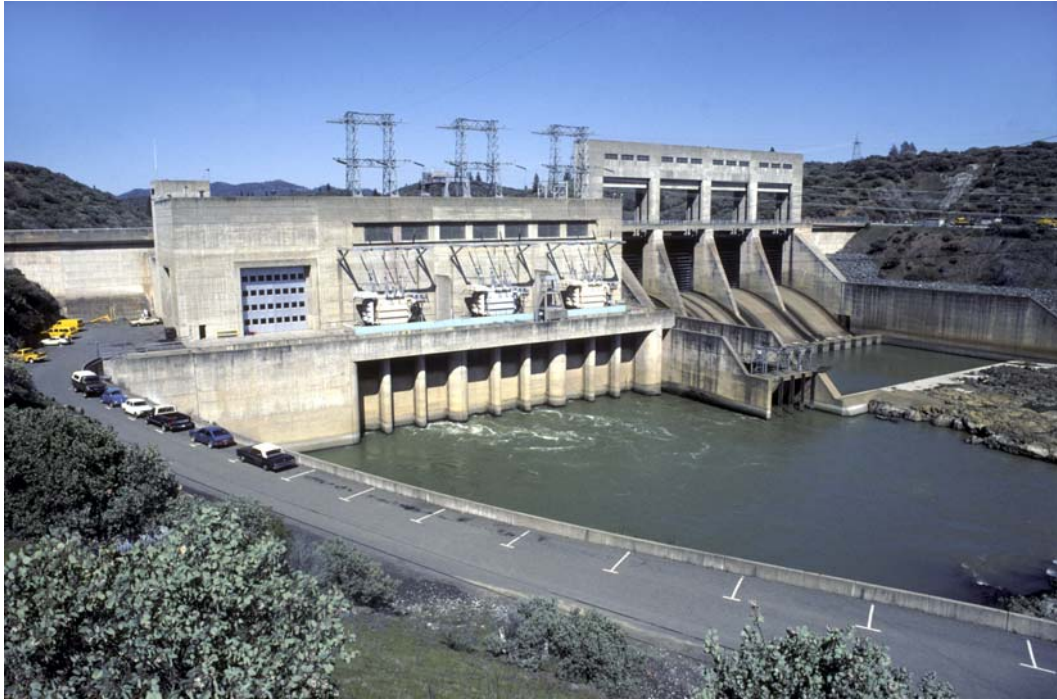
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Figure 5.1-7

Monthly Range (Percentiles) of Sacramento River Flow at Keswick for 2001 and 2020 Baselines



Photograph 5.1-5. Keswick Dam and Powerhouse
(Source: Bureau of Reclamation.)



Photograph 5.1-6. Red Bluff Diversion Dam
(Source: Bureau of Reclamation.)

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Photograph 5.1-7. Oroville Dam
 (Source: Bureau of Reclamation.)

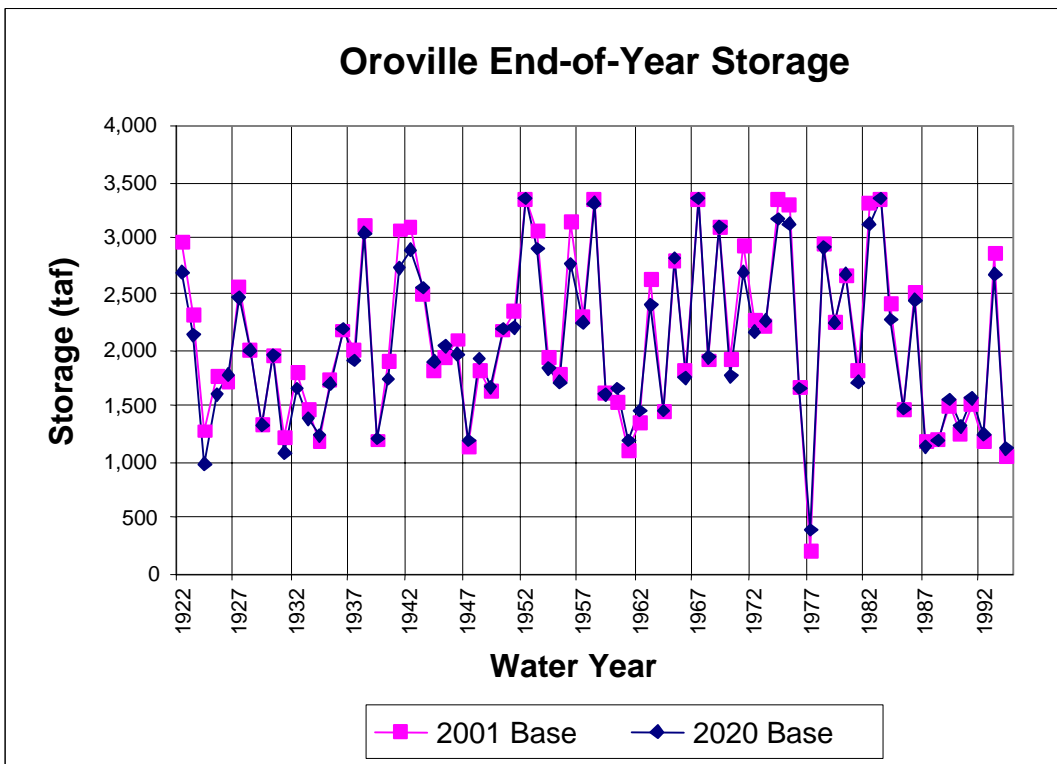


Figure 5.1-8. CALSIM–Simulated Carryover Storage in Oroville Reservoir for 2001 and 2020 Baseline Conditions with 1922–1994 Hydrology

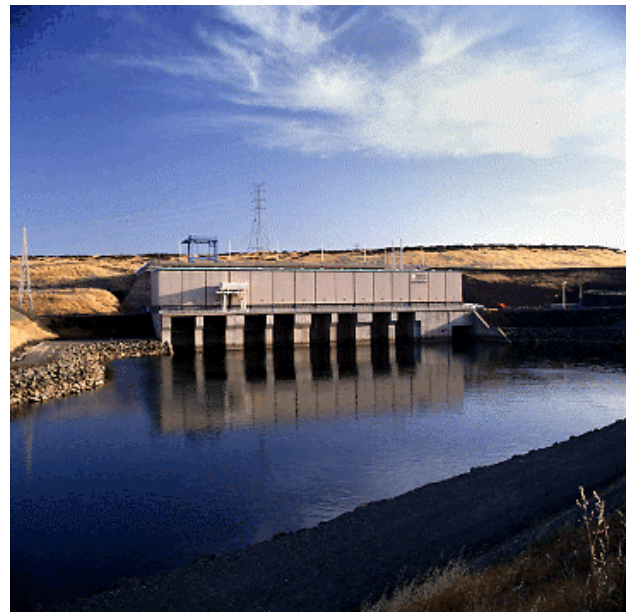
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Photograph 5.1-8. Feather River Fish Barrier
(Source: California Department of Water Resources.)



Photograph 5.1-9. Thermalito Forebay with Afterbay in Background
(Source: California Department of Water Resources.)



Photograph 5.1-10. Thermalito Powerplant
(Source: California Department of Water Resources.)

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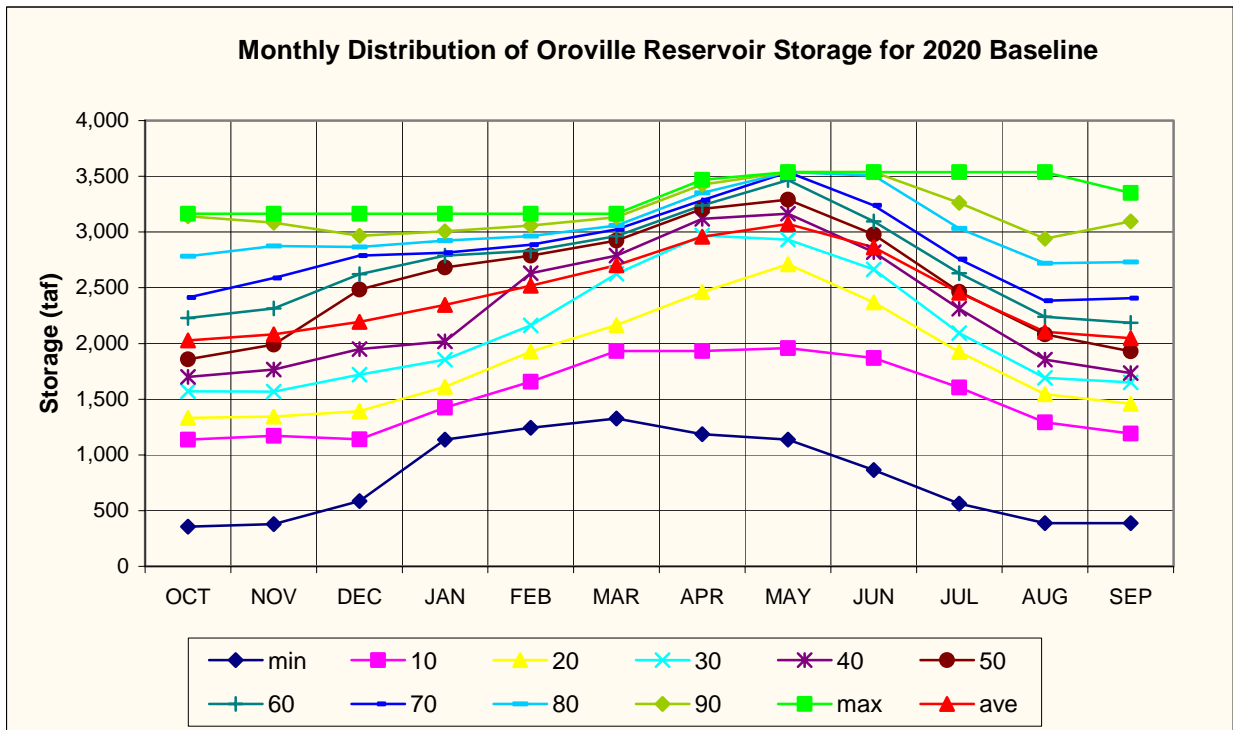
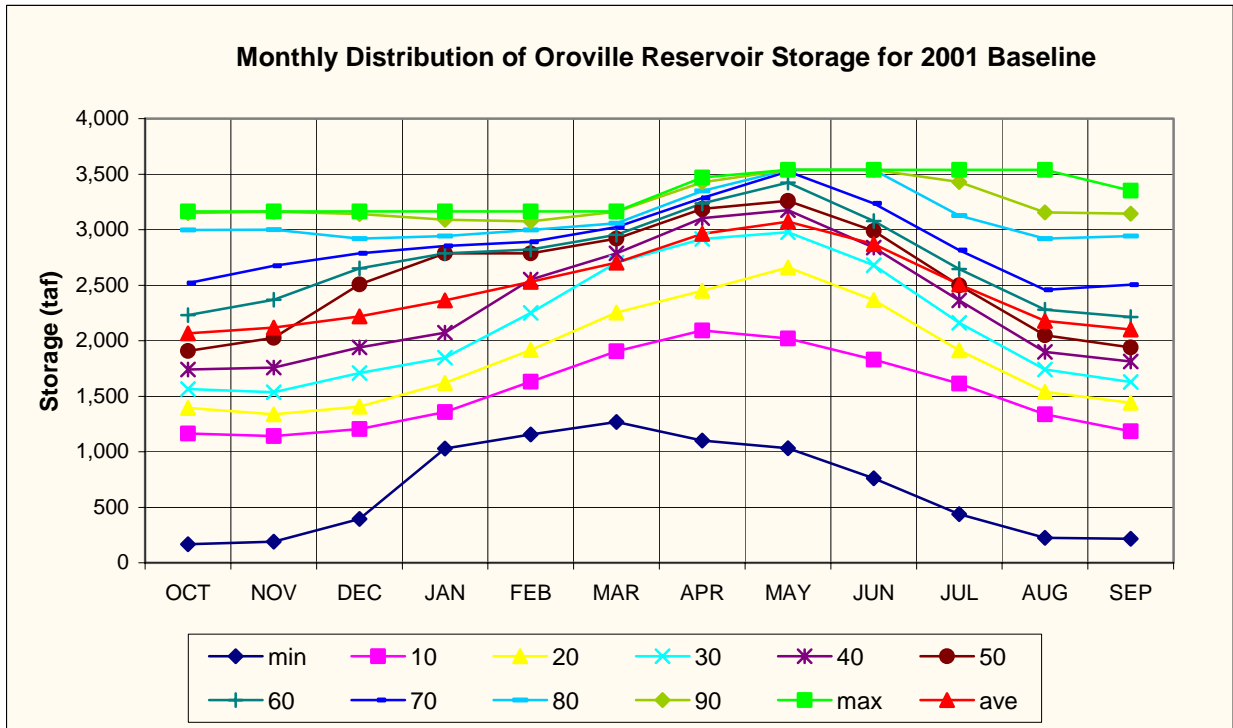


Photograph 5.1-11. Feather River Hatchery Fish Ladder (Left) and Raceway (Right)
(Source: California Department of Fish and Game.)



Photograph 5.1-12. Nimbus Dam and Nimbus Hatchery
(Source: Bureau of Reclamation.)

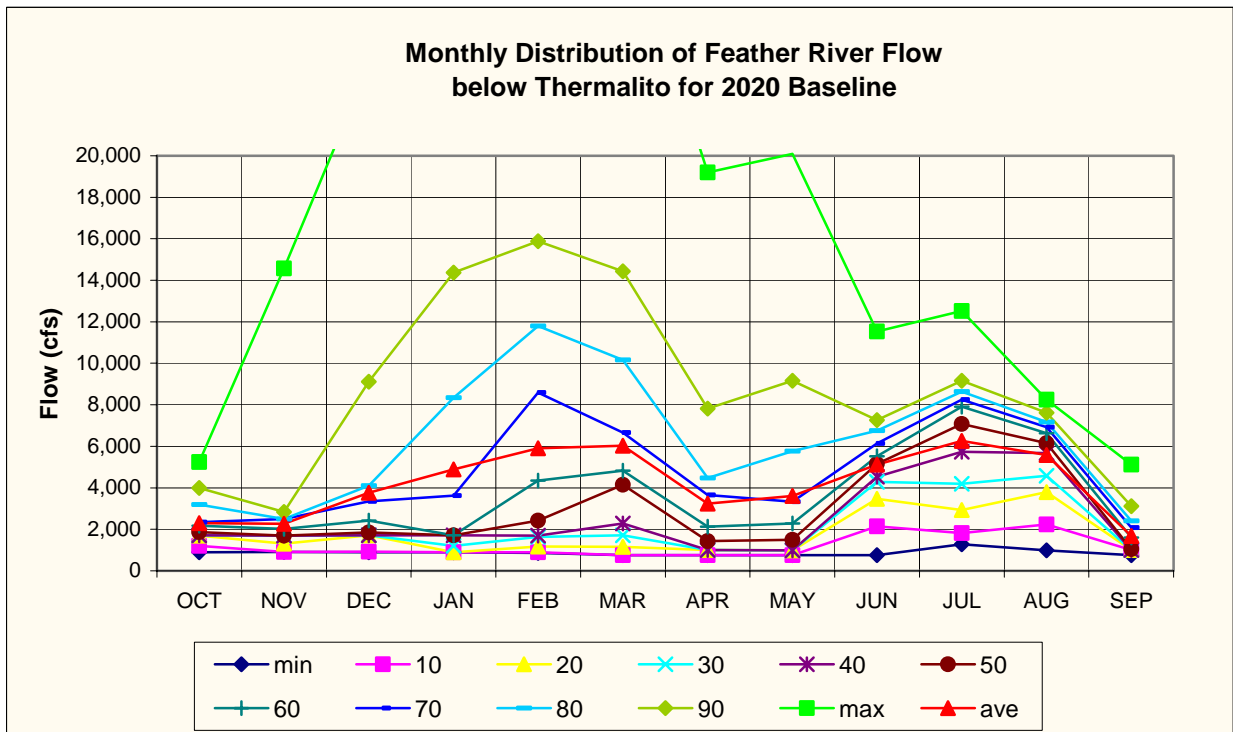
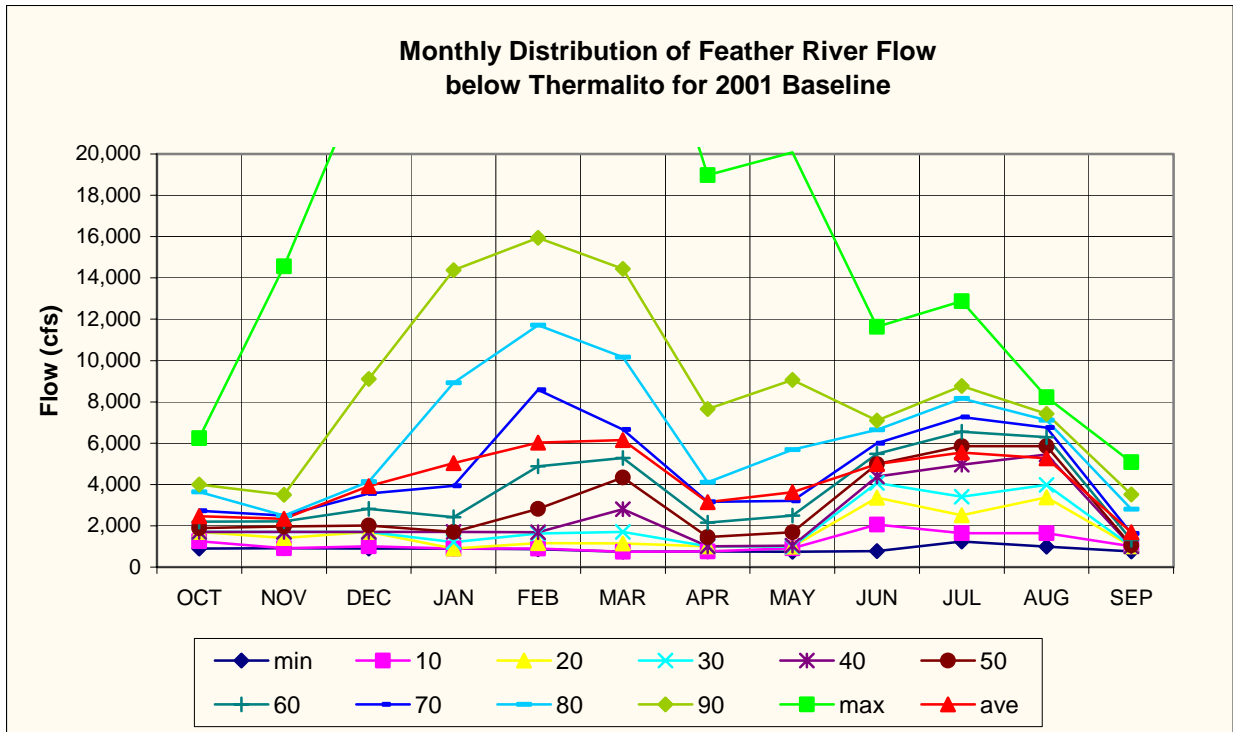
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Figure 5.1-9

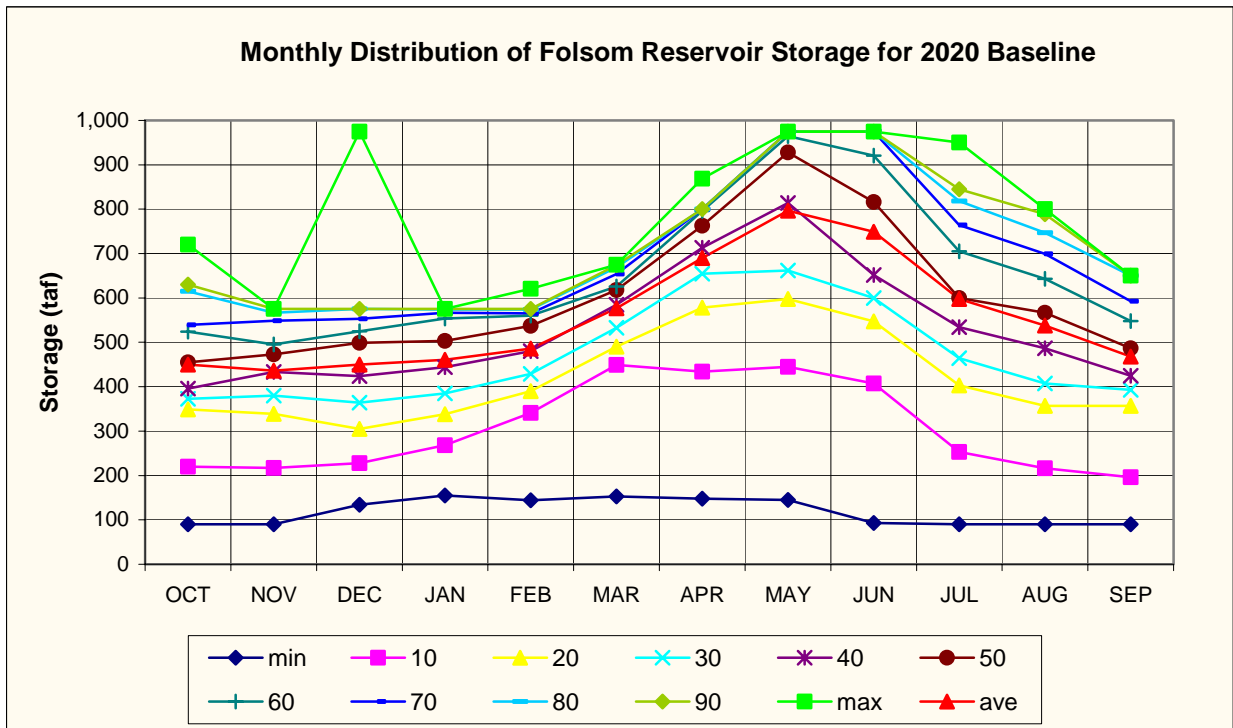
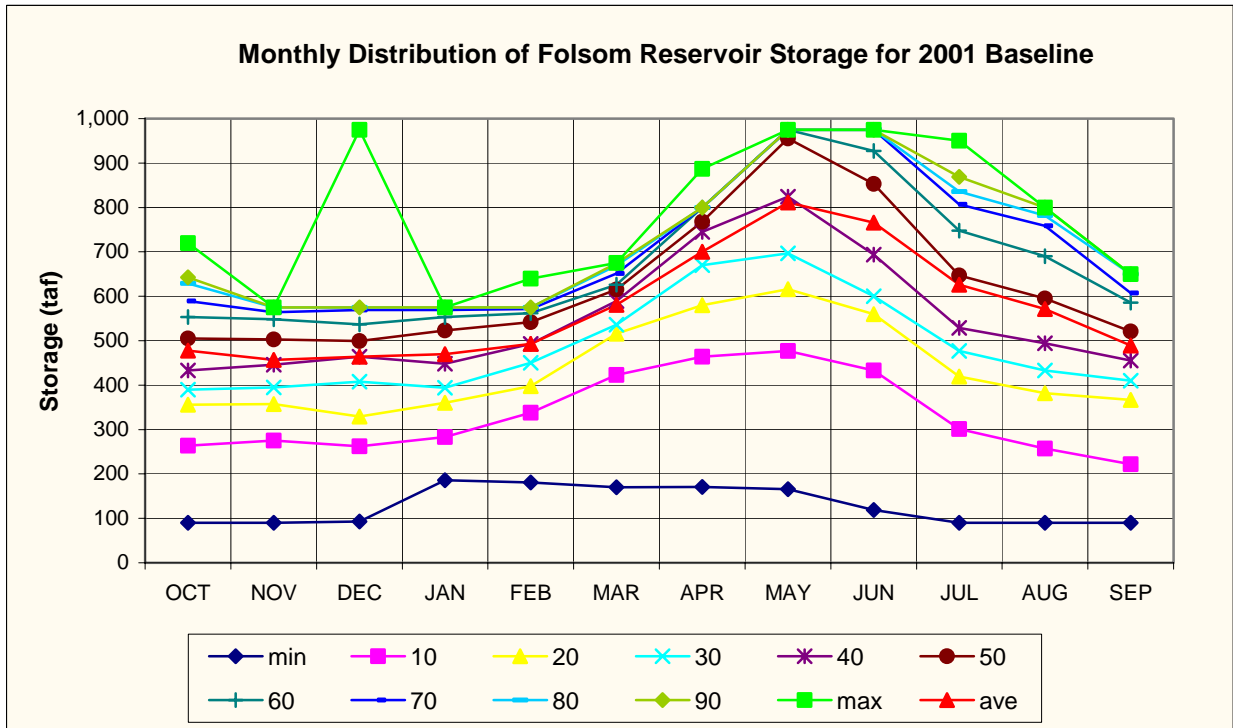
Monthly Range (Percentiles) of Oroville Reservoir Storage for 2001 and 2020 Baselines



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Figure 5.1-10

Monthly Range (Percentiles) of Feather River Flow below Thermalito for 2001 and 2020 Baselines



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Figure 5.1-11

Monthly Range (Percentiles) of Folsom Reservoir Storage for 2001 and 2020 Baselines



Photograph 5.1-I-13. Folsom Dam
 (Source: Bureau of Reclamation.)

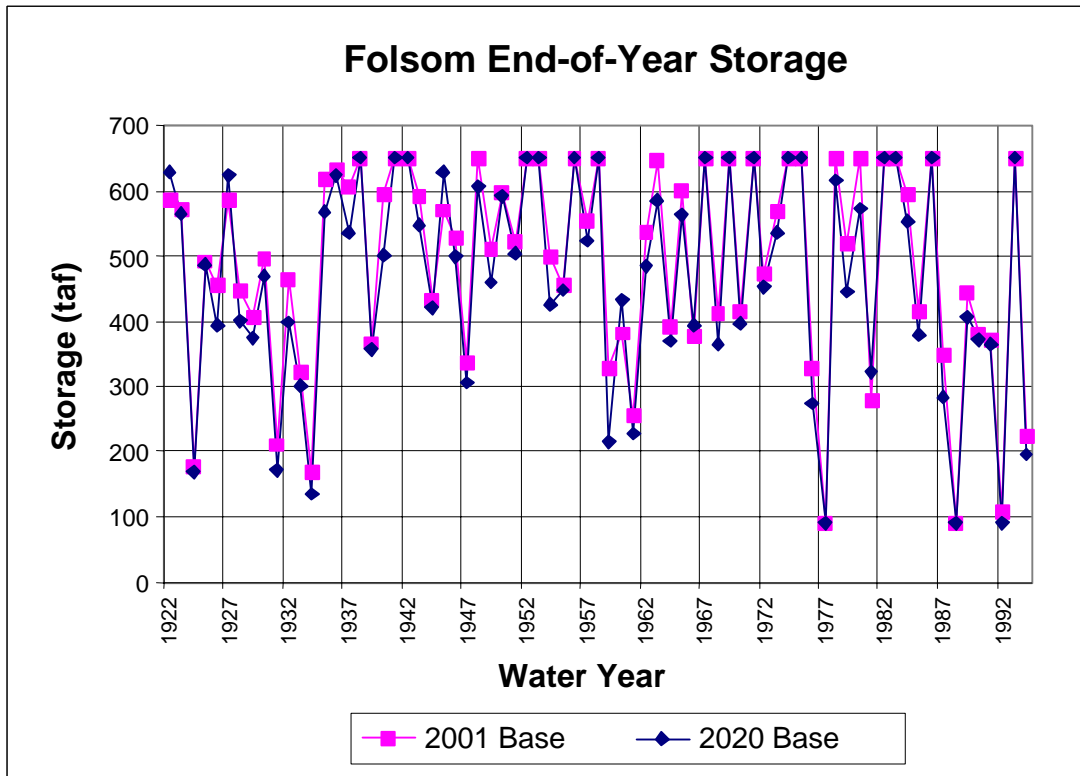
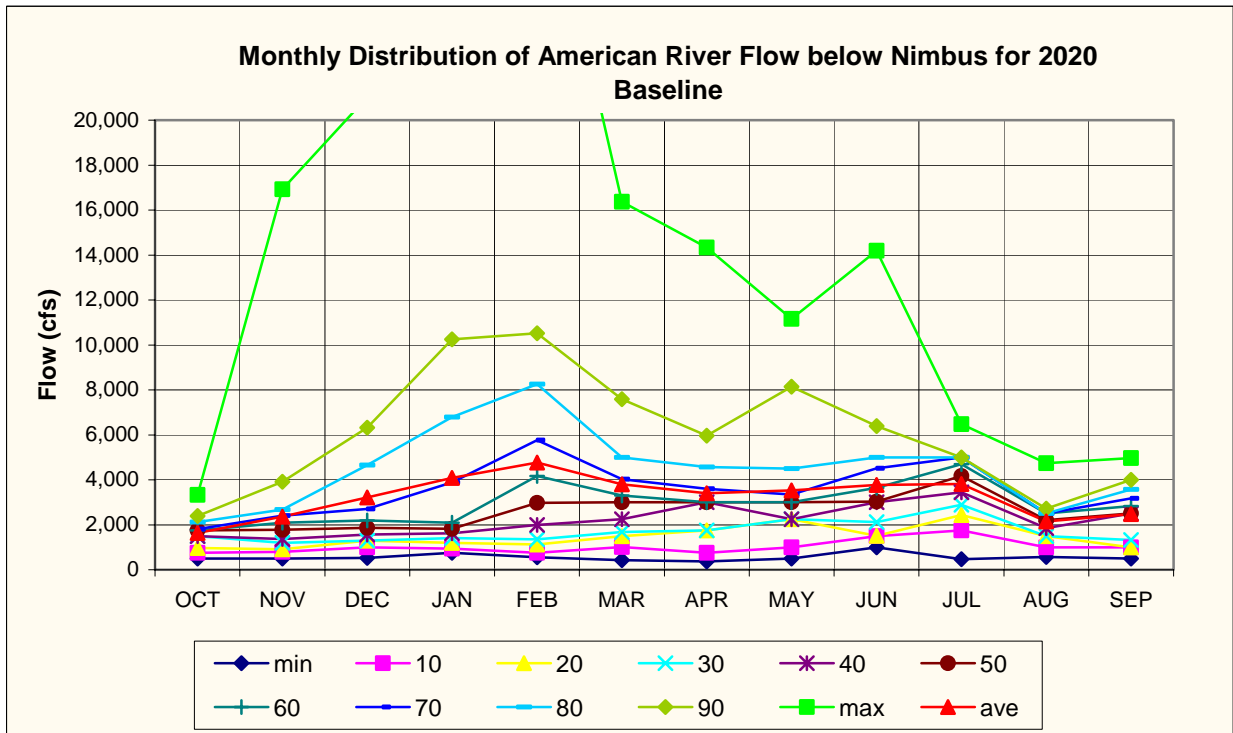
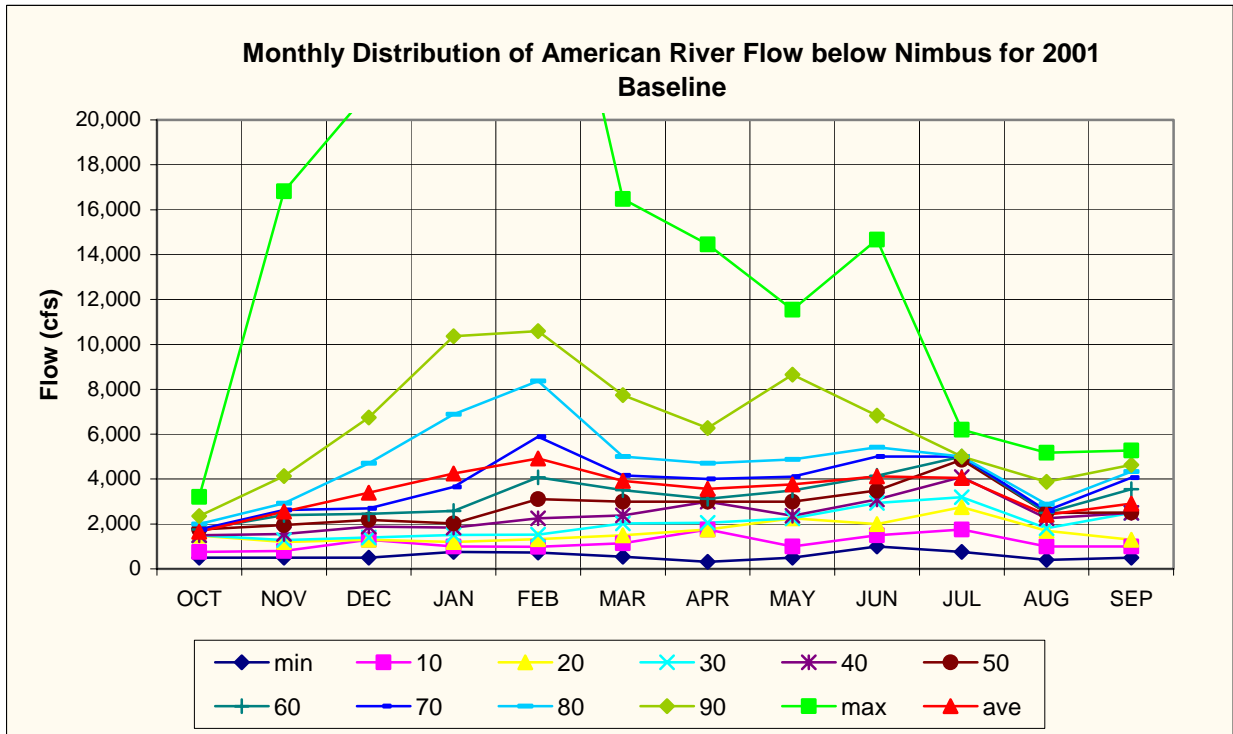
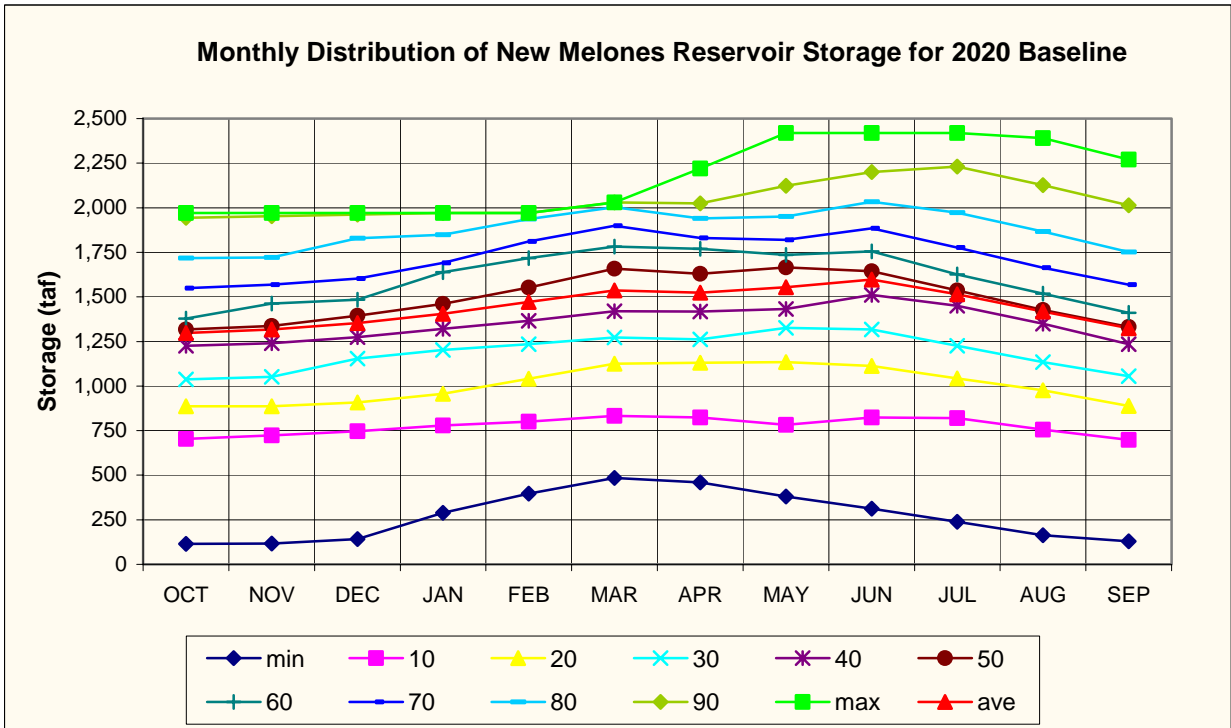
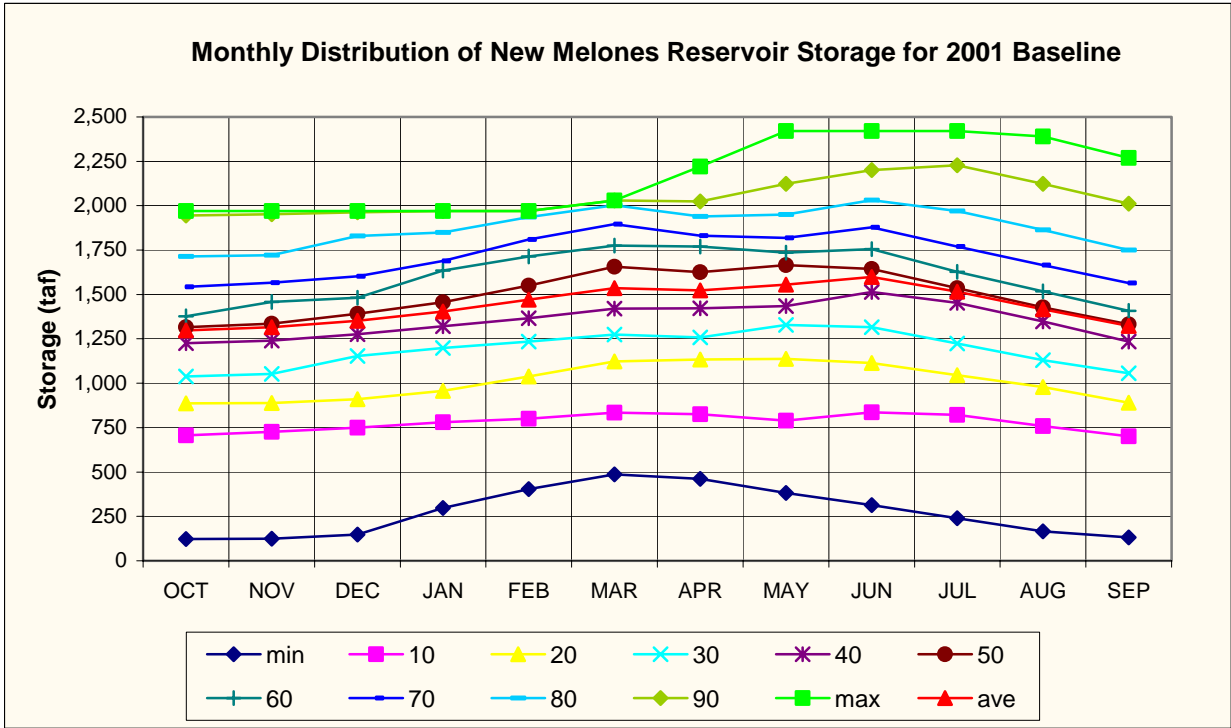


Figure 5.1-I-12. CALSIM–Simulated Carryover Storage in Folsom Reservoir for 2001 and 2020 Baseline Conditions with 1922–1994 Hydrology

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Photograph 5.1-I4. New Melones Dam
 (Source: Bureau of Reclamation.)

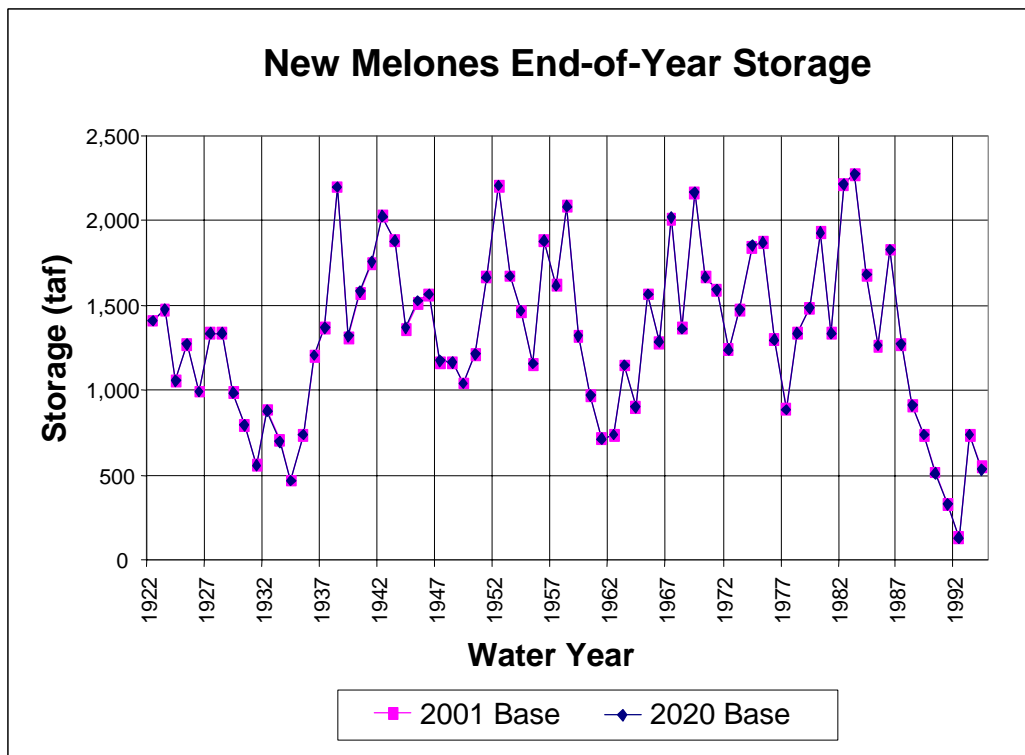
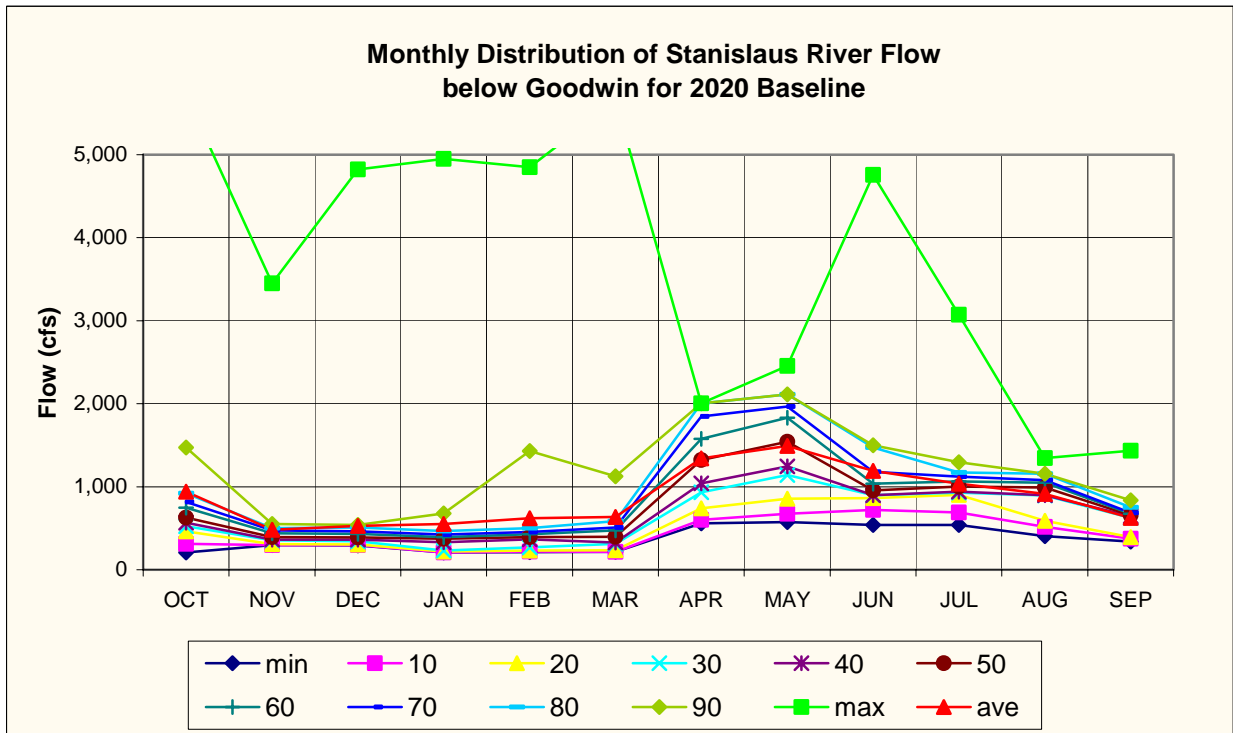
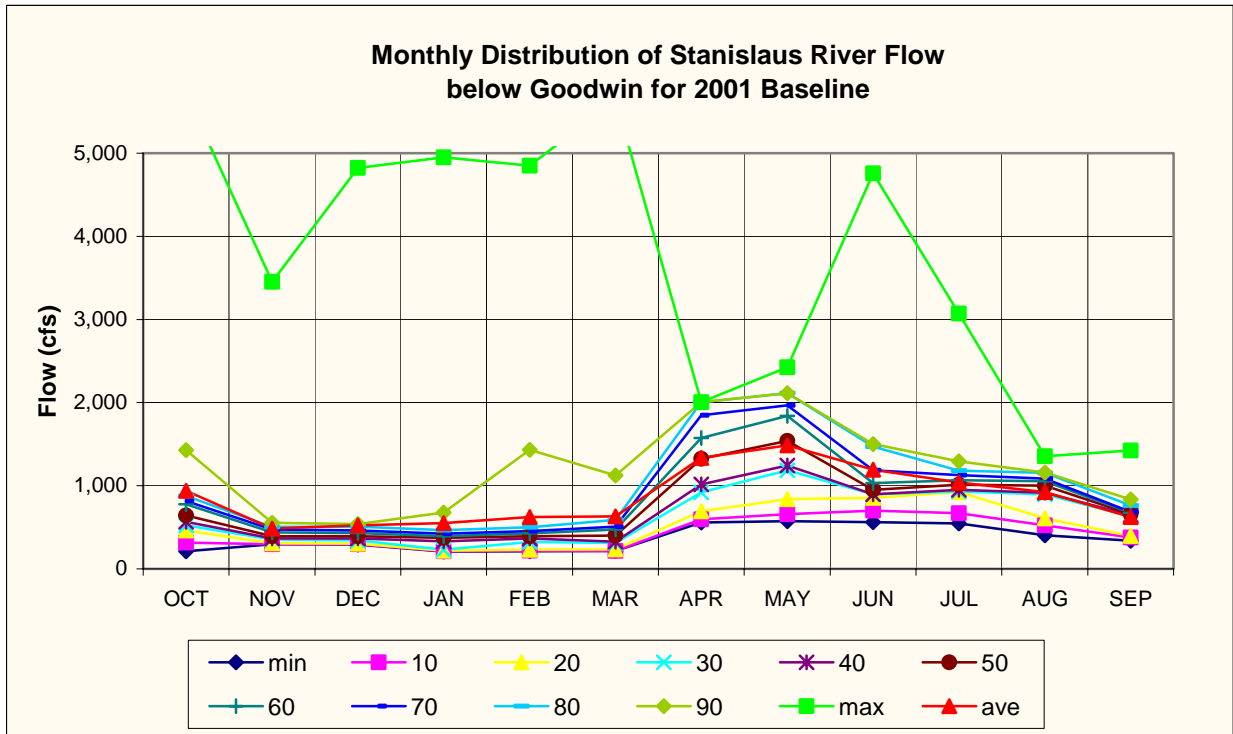


Figure 5.1-15. CALSIM–Simulated Carryover Storage in New Melones Reservoir for 2001 and 2020 Baseline Conditions with 1922–1994 Hydrology

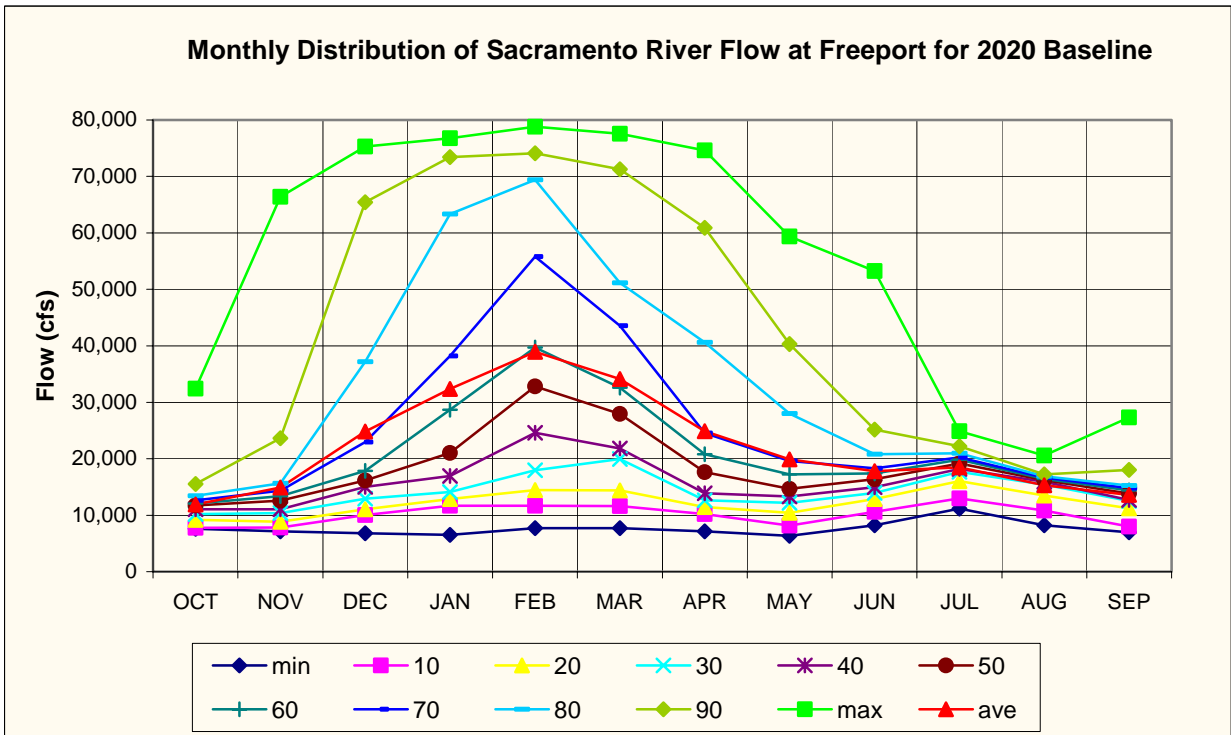
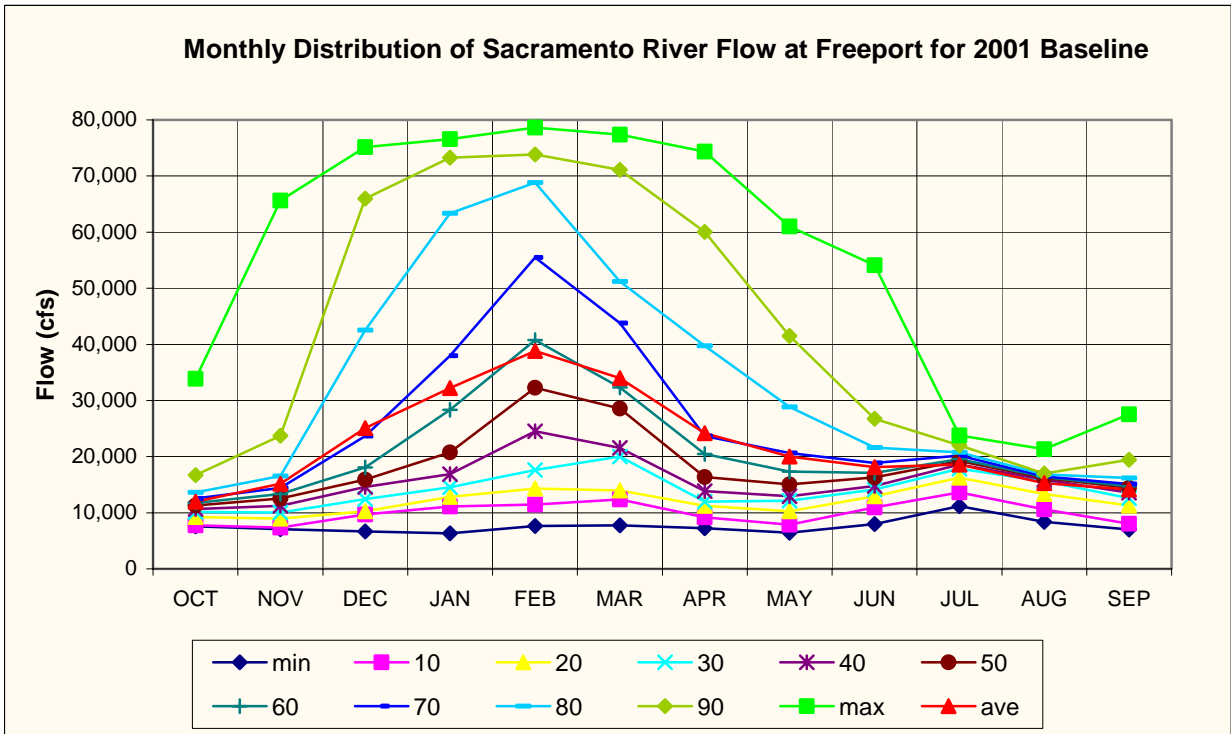
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Figure 5.1-16

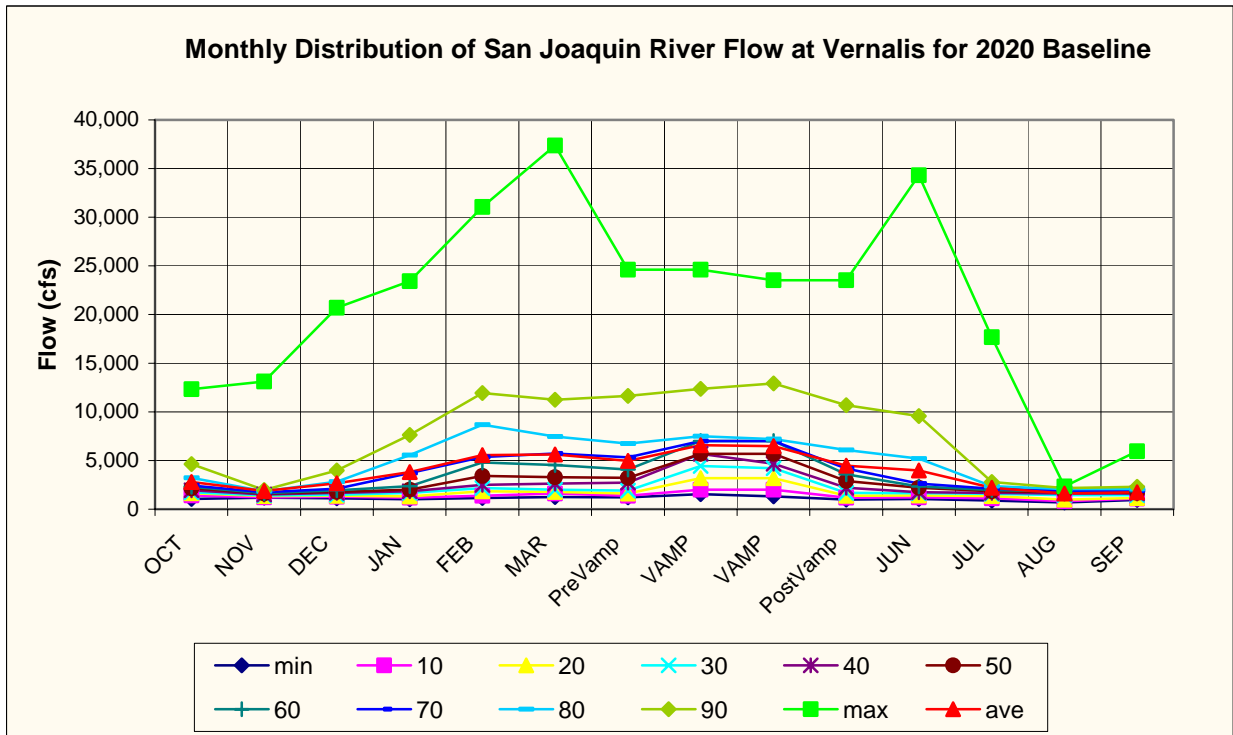
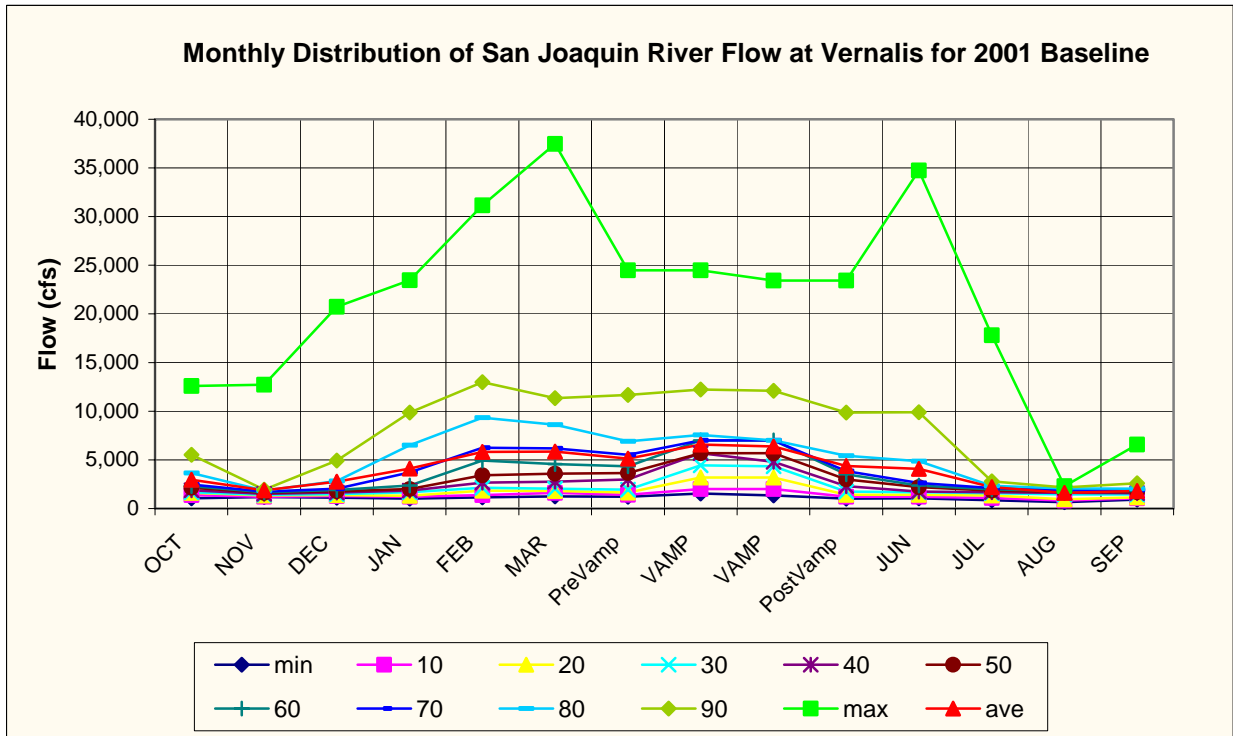
**Monthly Range (Percentiles) of Stanislaus River Flow
below Goodwin Dam for 2001 and 2020 Baselines**



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Figure 5.1-17

Monthly Range (Percentiles) of Sacramento River Flow at Freeport for 2001 and 2020 Baselines



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Figure 5.1-18

Monthly Range (Percentiles) of San Joaquin River Flow at Vernalis for 2001 and 2020 Baselines

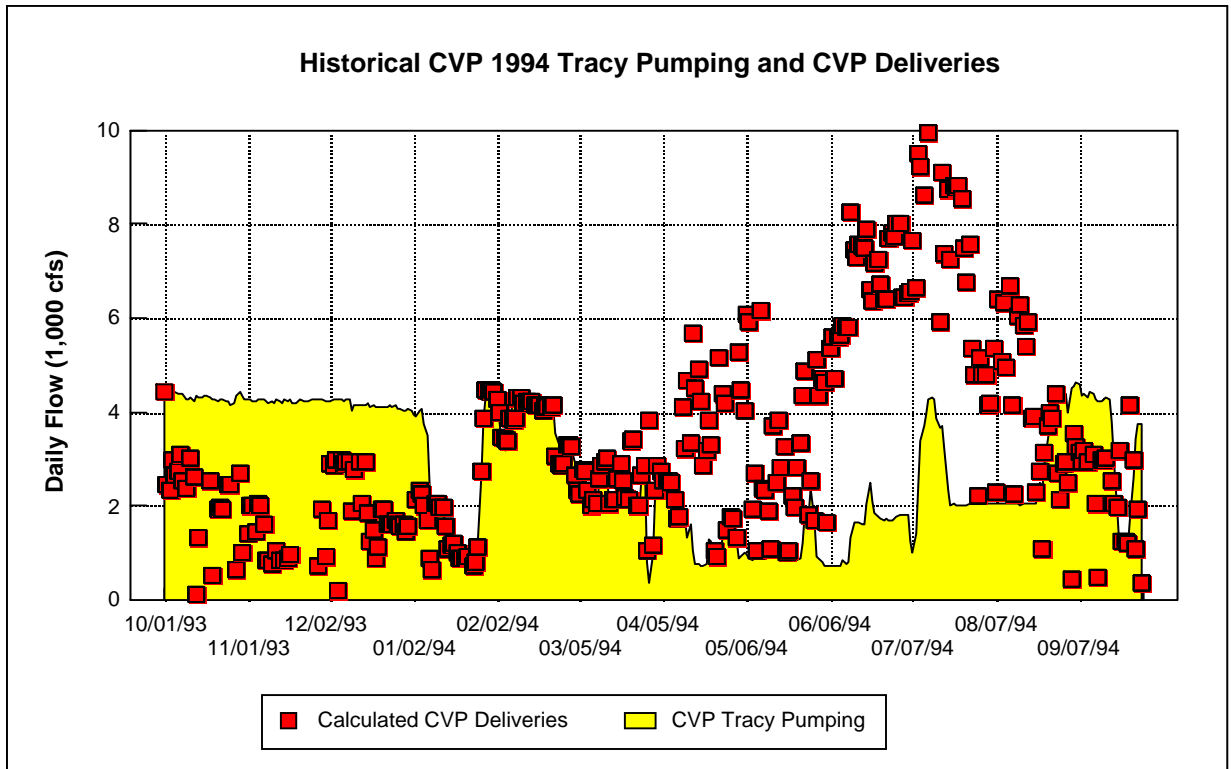


Figure 5.1-19. Historic CVP Tracy Pumping and Deliveries during Water Year 1994

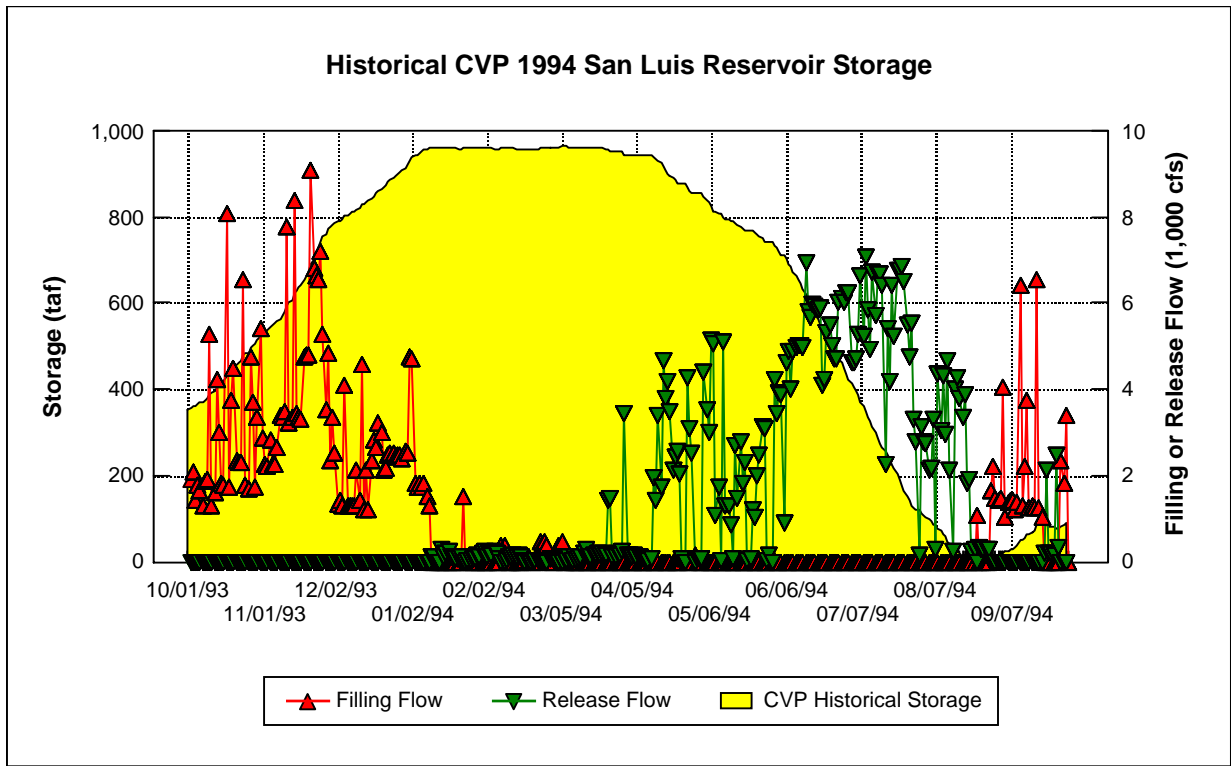


Figure 5.1-20. Historical CVP San Luis Reservoir Storage during Water Year 1994

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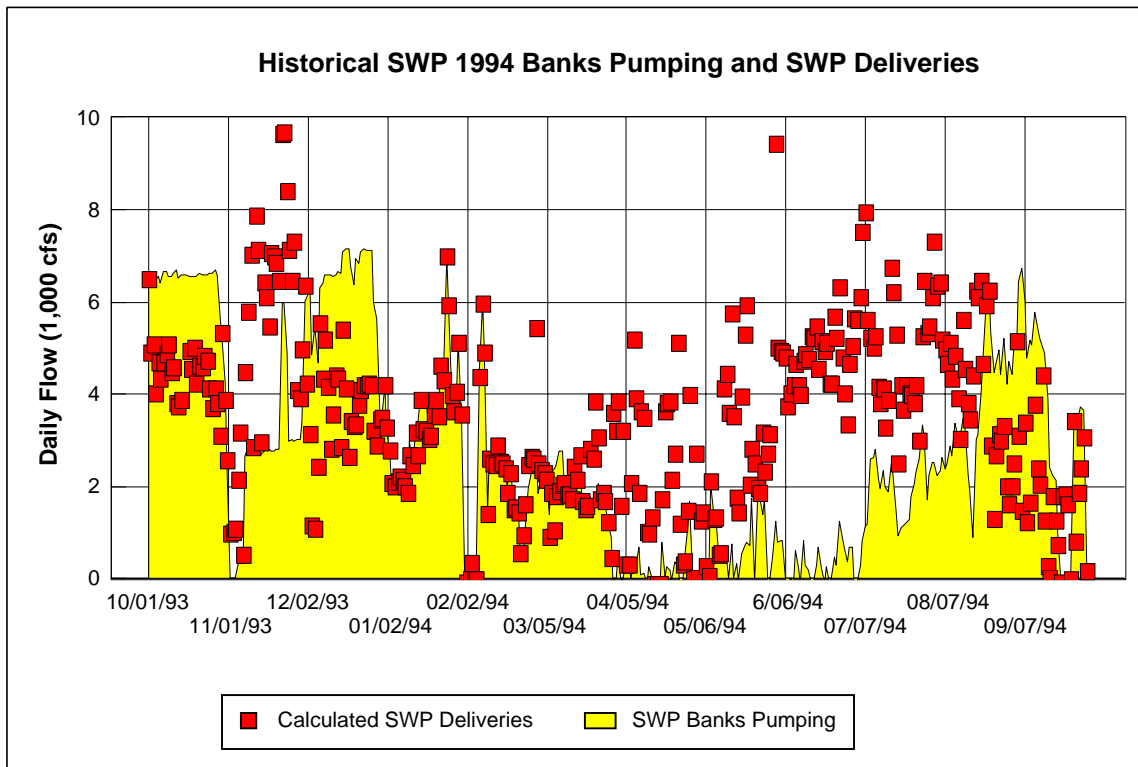


Figure 5.I-21. Historical Banks Pumping and SWP Deliveries for Water Year 1994

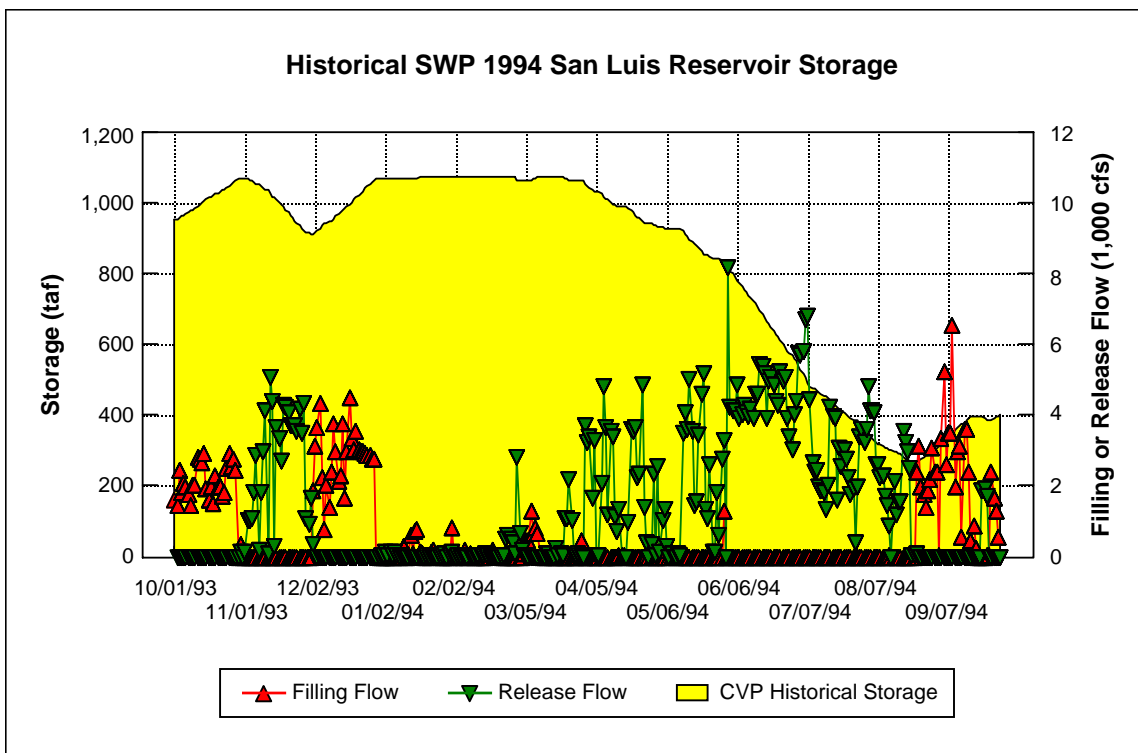


Figure 5.I-22. Historical SWP San Luis Reservoir Storage during Water Year 1994

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Photograph 5.1-15. CVP Tracy Pumping Plant
(Source: Bureau of Reclamation.)



Photograph 5.1-16. CVP Delta-Mendota Canal at Mile 4.0
(Source: San Luis and Delta-Mendota Water Authority.)

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Photograph 5.1-17. SWP Harvey O. Banks Pumping Plant
(Source: California Department of Water Resources.)



Photograph 5.1-18. SWP California Aqueduct (on Left) and CVP Delta-Mendota Canal (on Right) Conveying Water from the Delta (Top of Photograph) South to O'Neil Forebay and San Luis Reservoir
(Source: California Department of Water Resources.)

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Photograph 5.1-19. San Luis Dam
(Source: Bureau of Reclamation.)

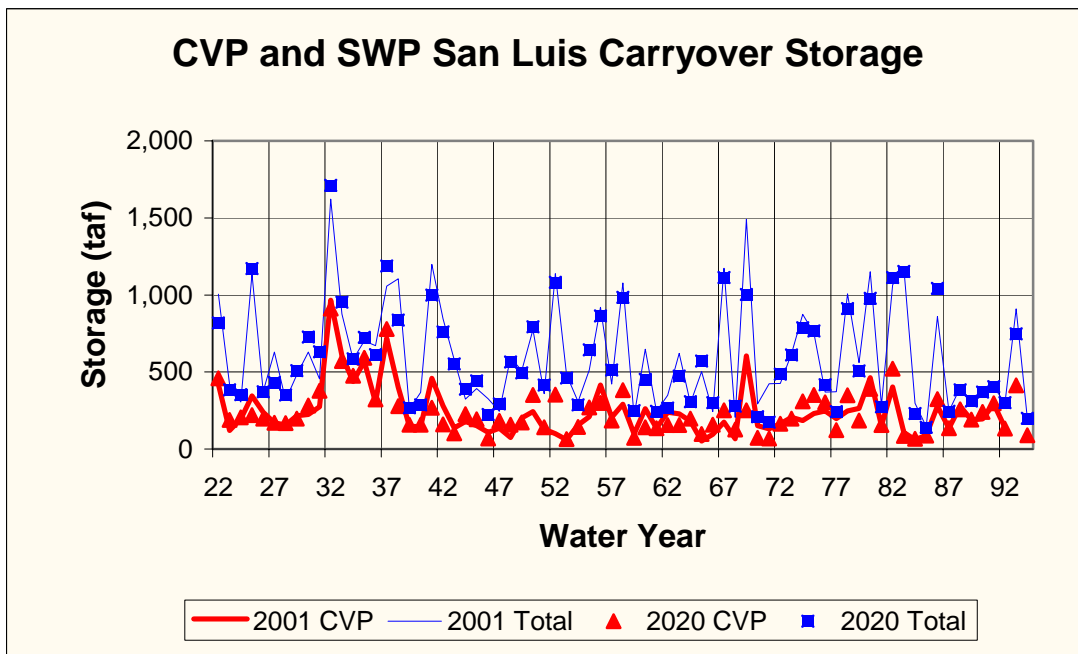
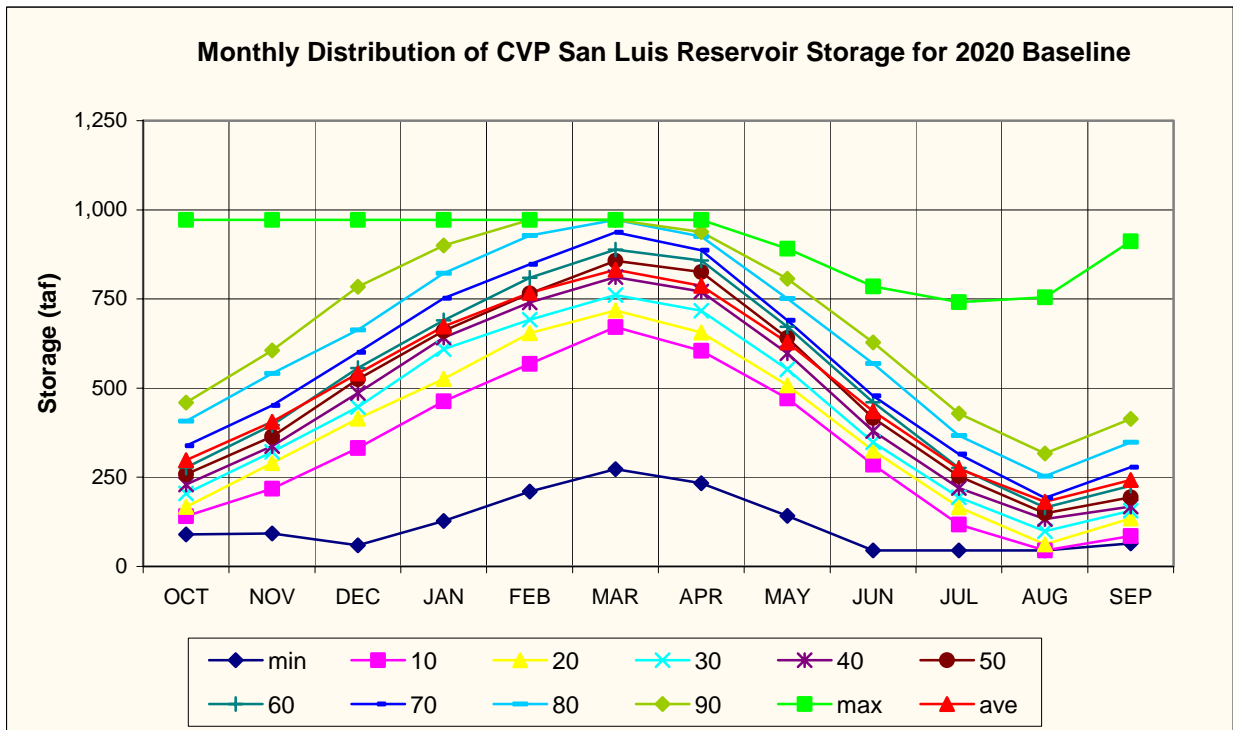
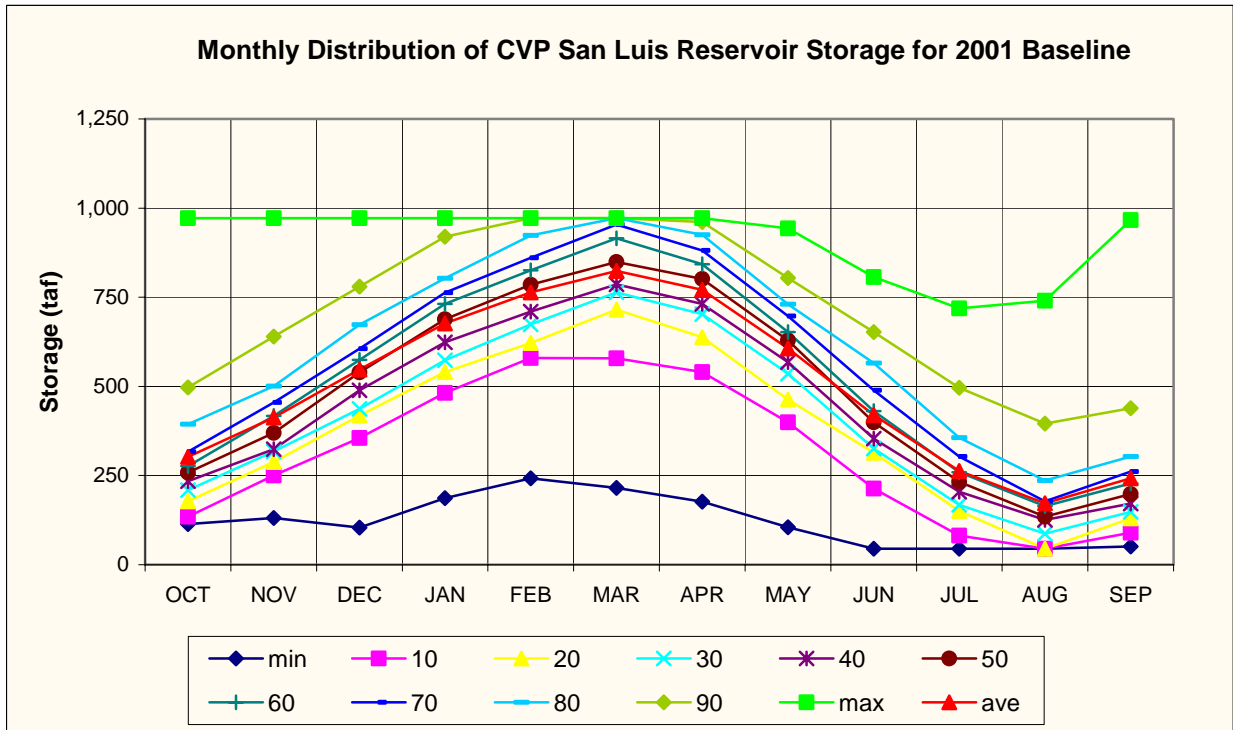
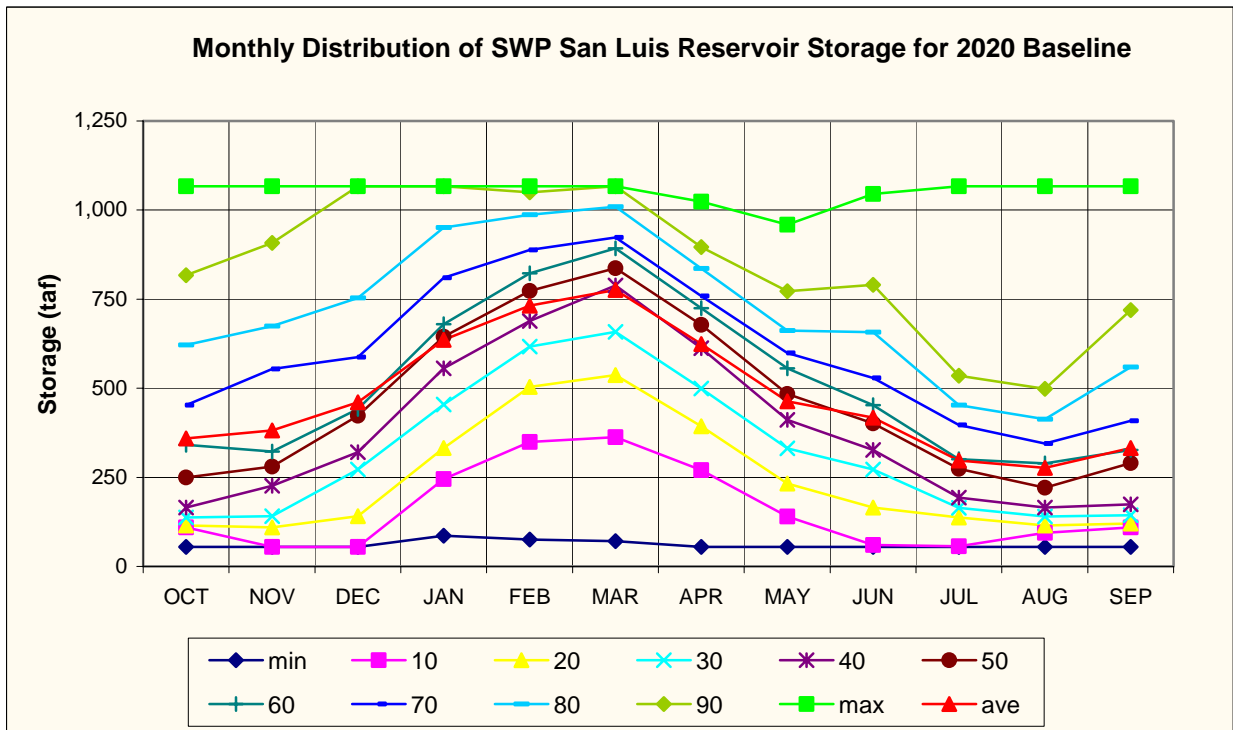
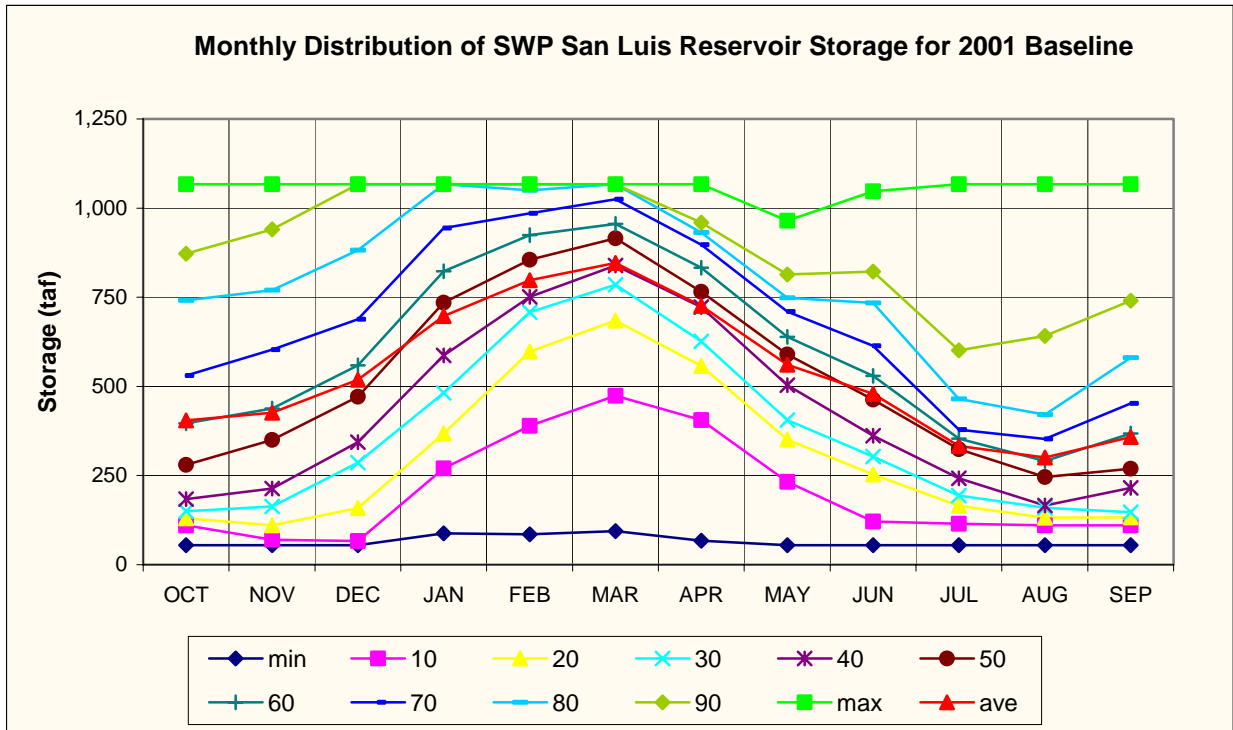


Figure 5.1-23. CALSIM–Simulated CVP and SWP Carryover Storage in San Luis Reservoir for 2001 and 2020 Baseline Conditions with 1922–1994 Hydrology

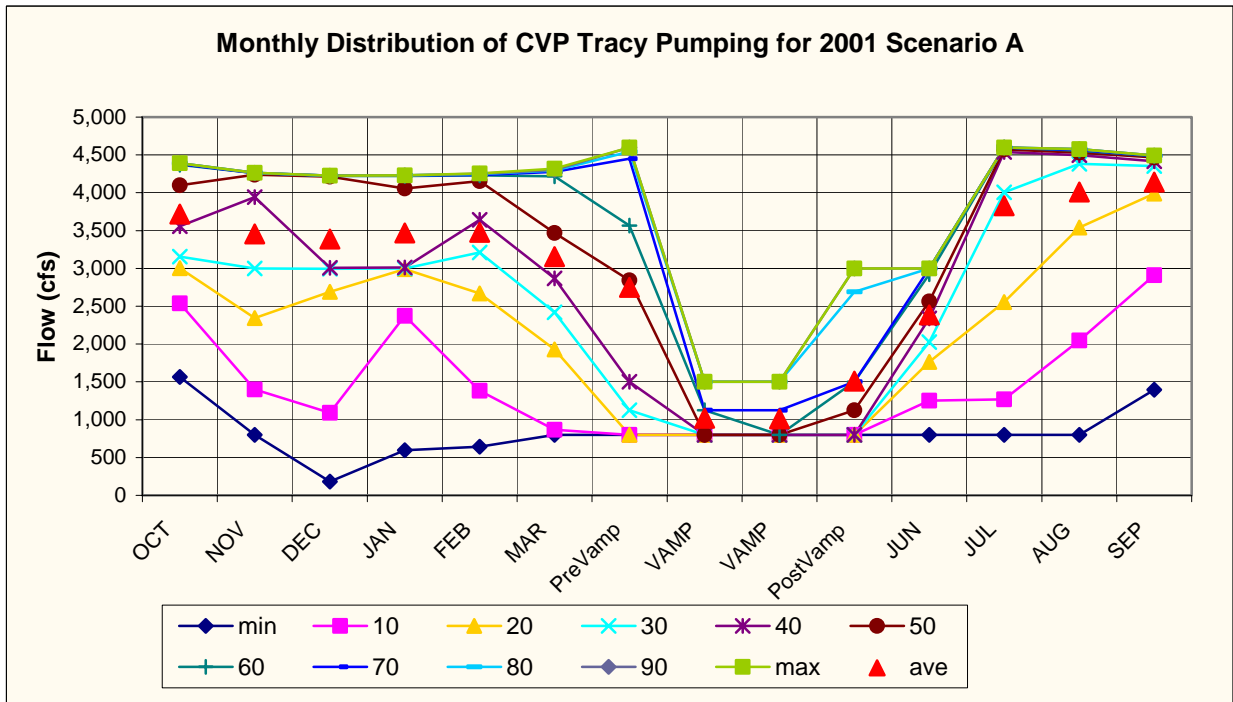
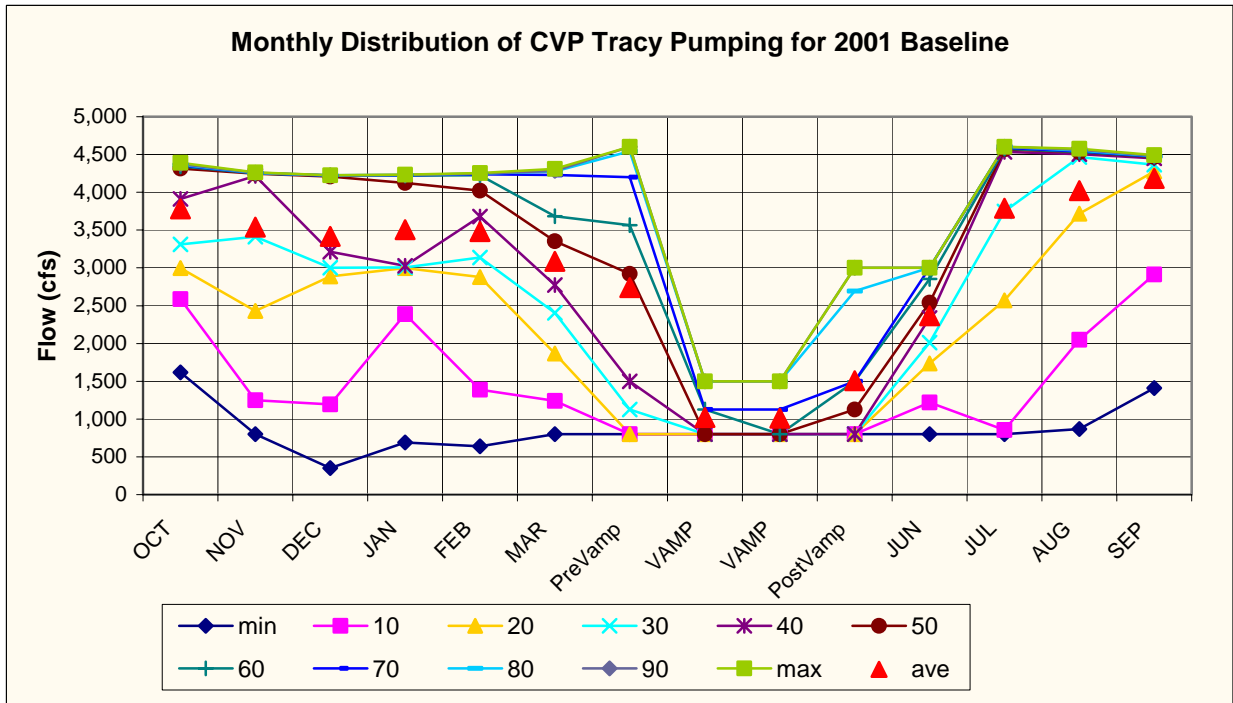
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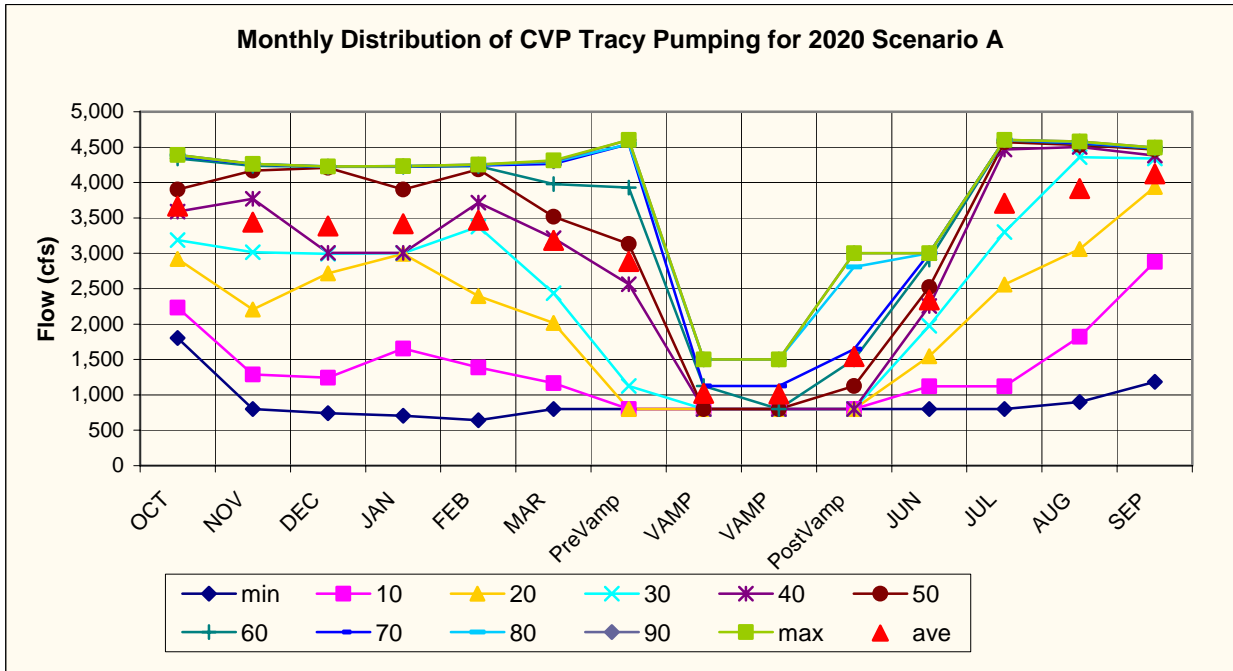
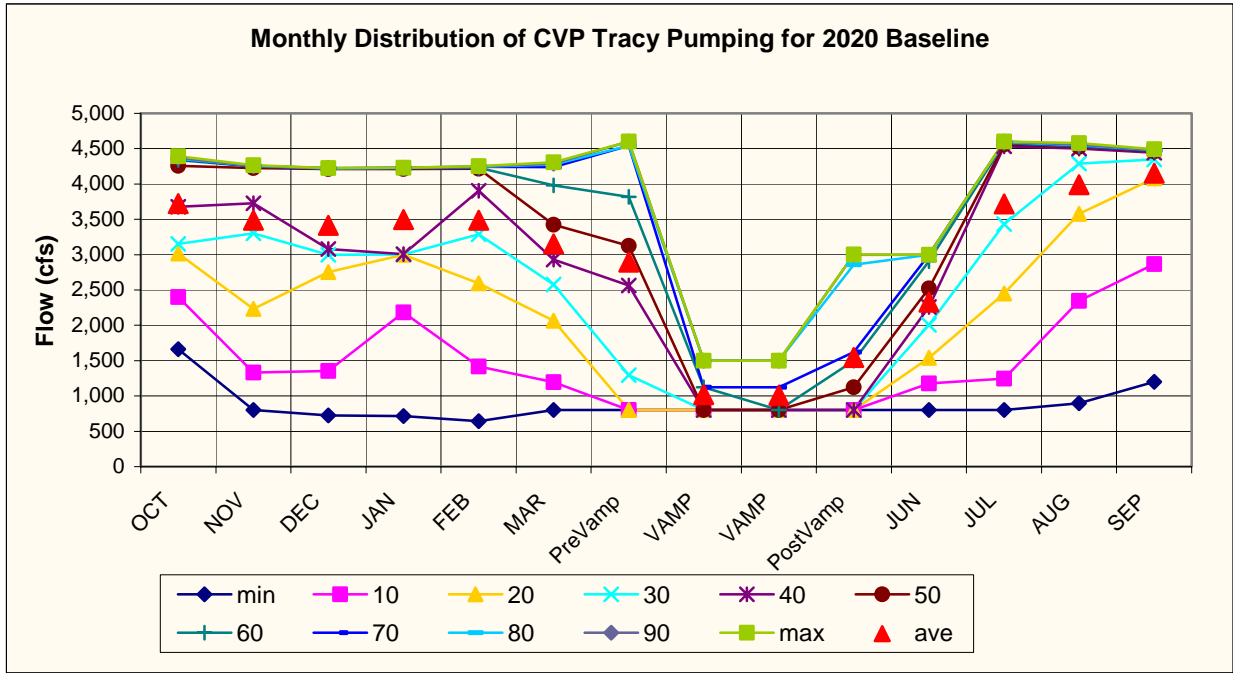
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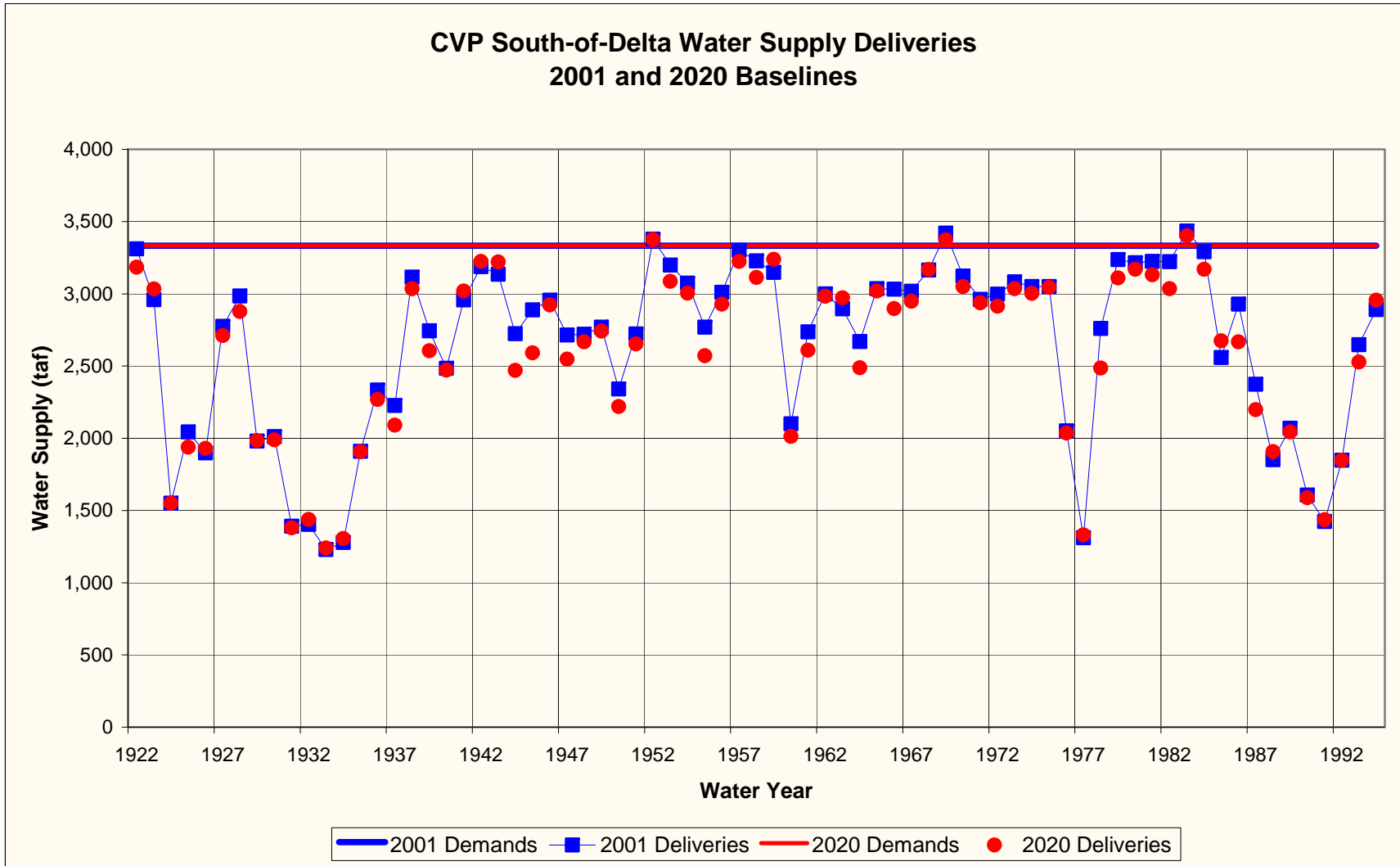
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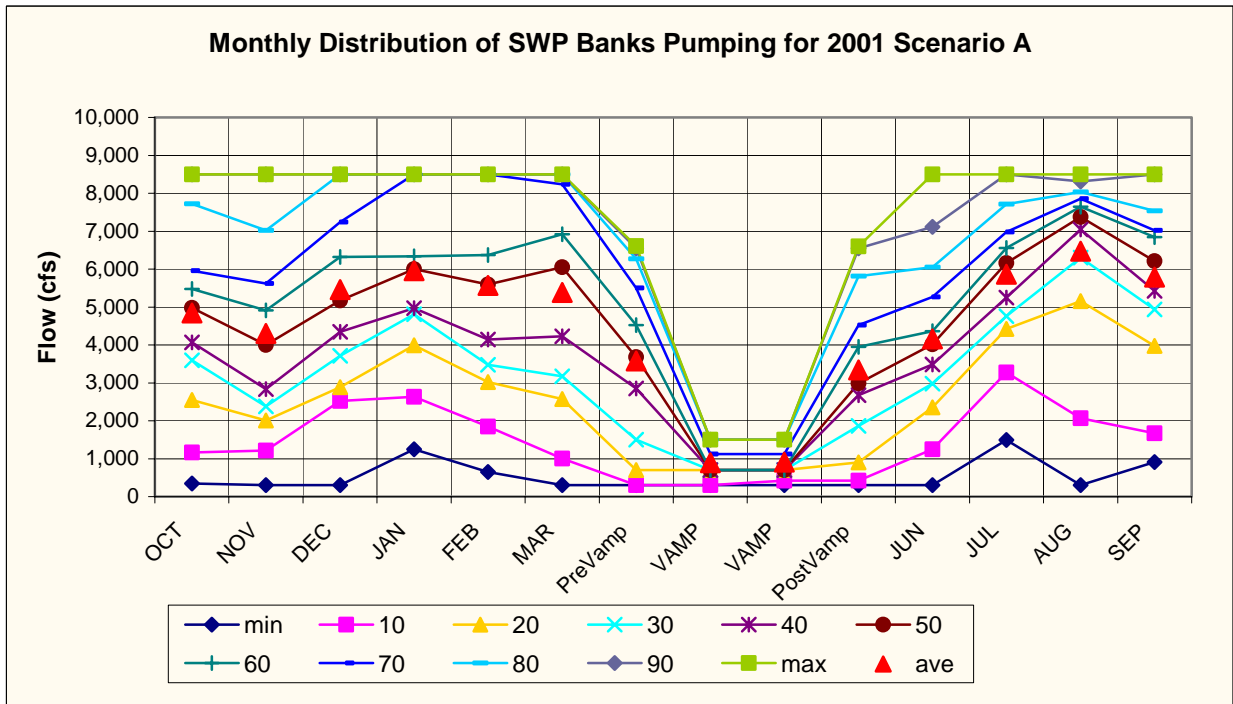
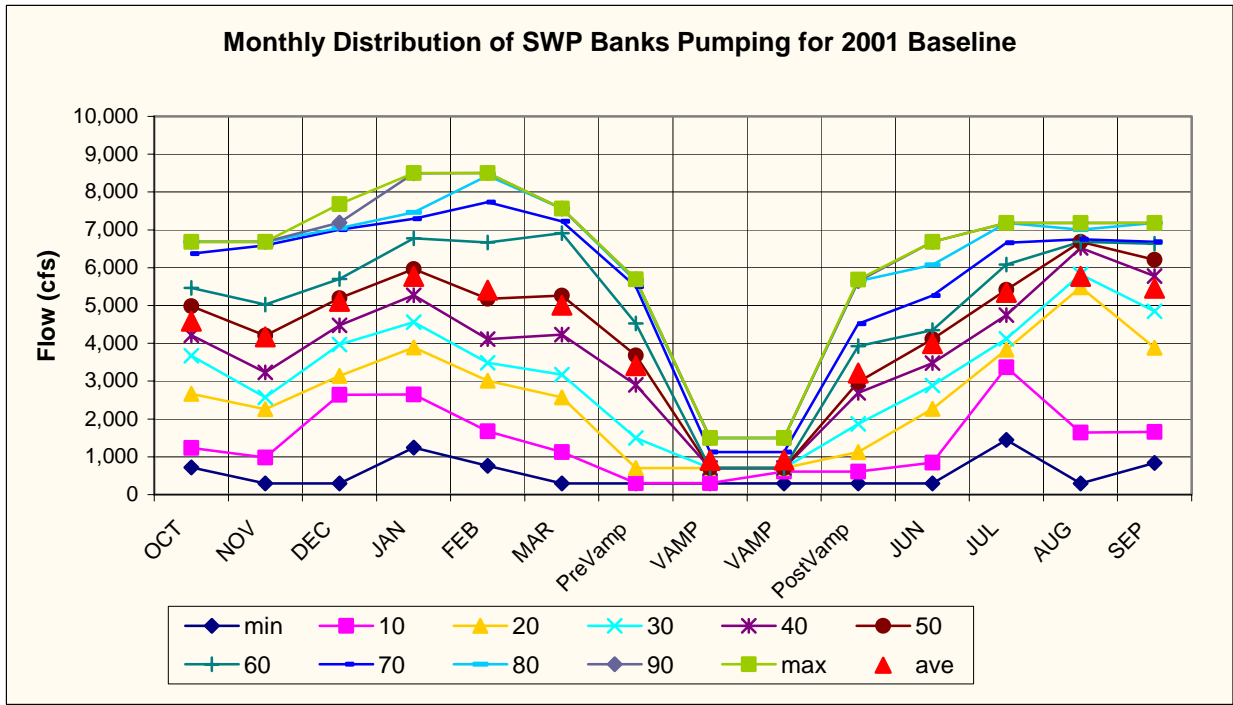


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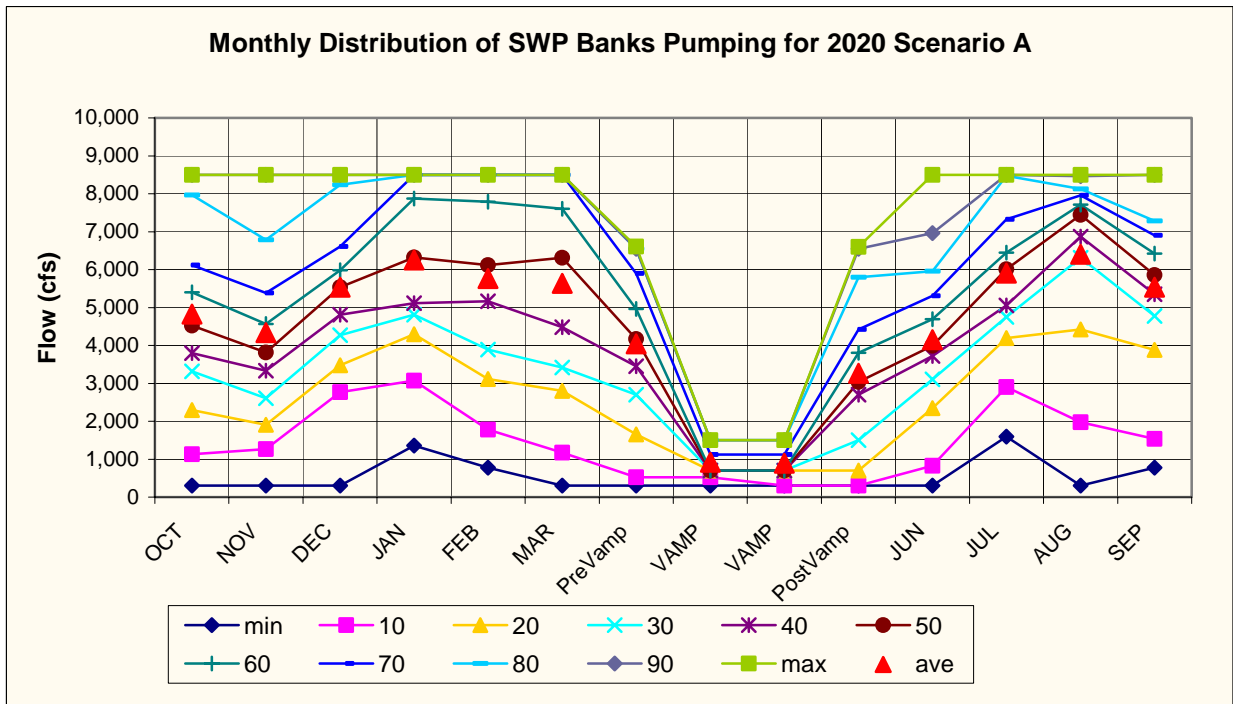
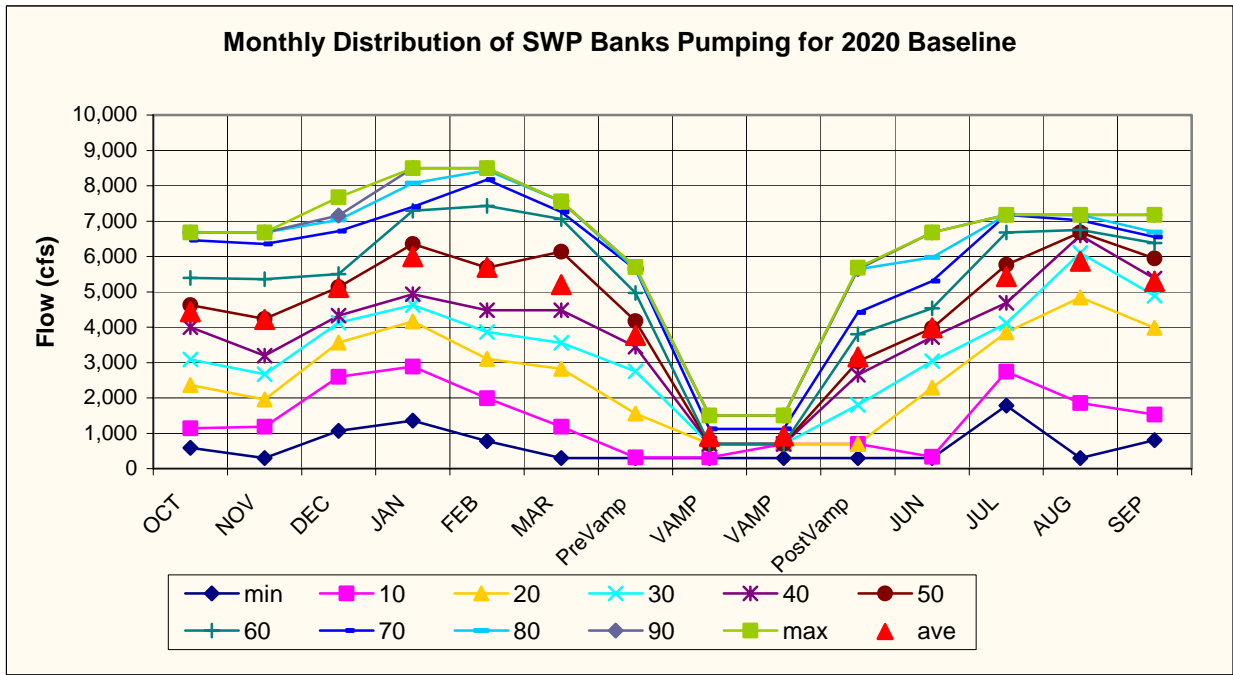


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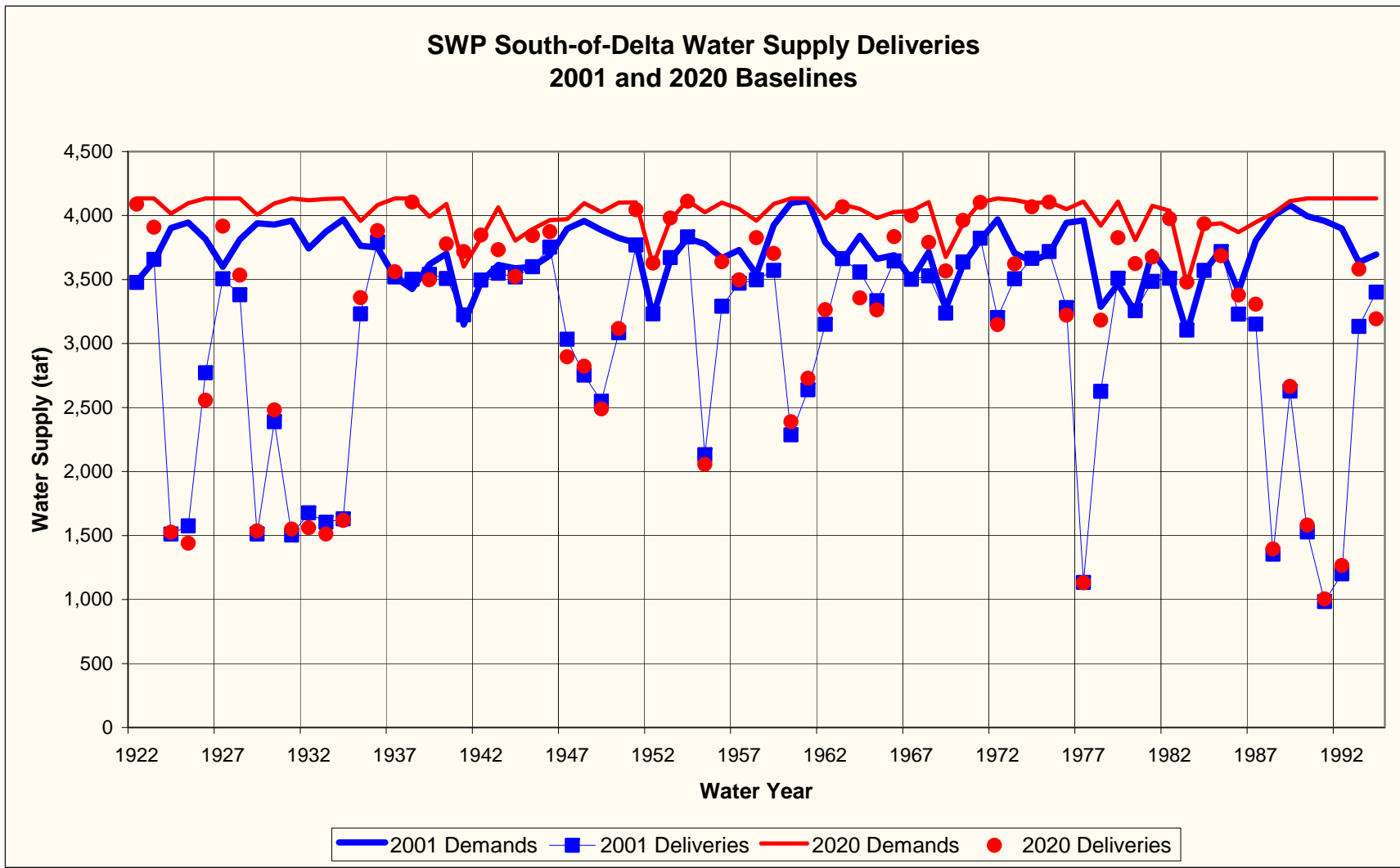
Figure 5.1-27
Simulated CVP South-of-Delta Water Supply Deliveries for 2001 and 2020 Conditions



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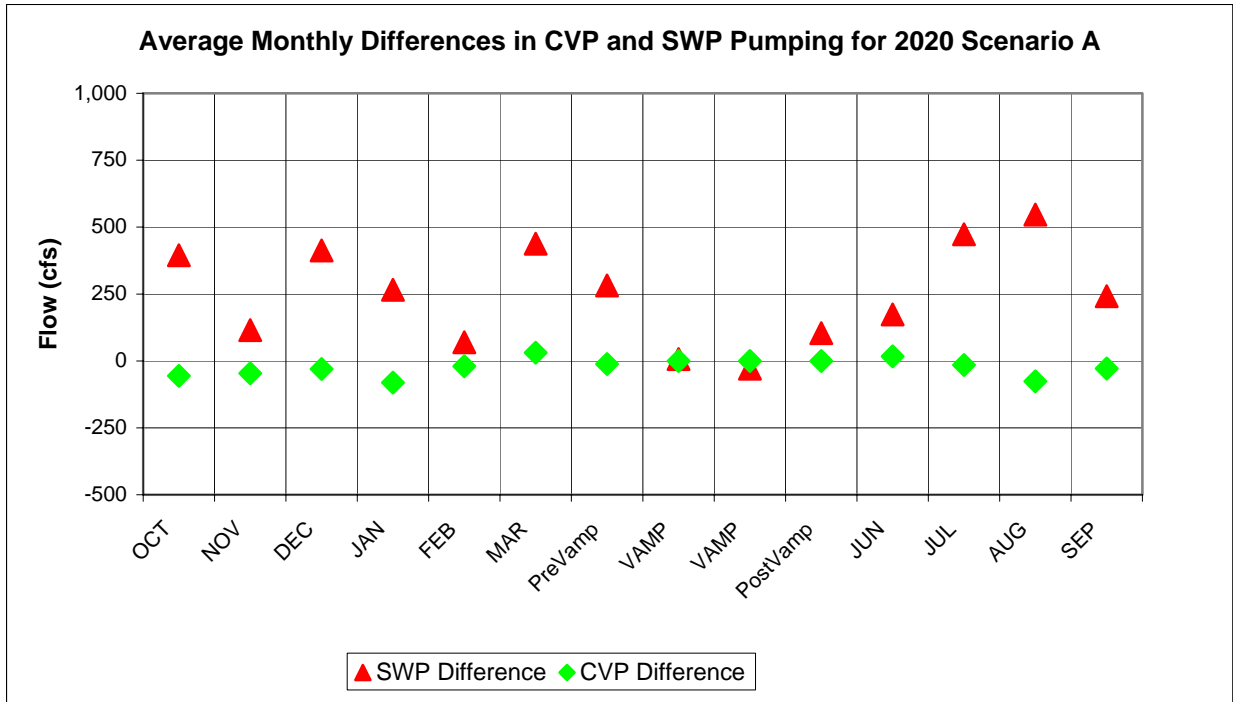
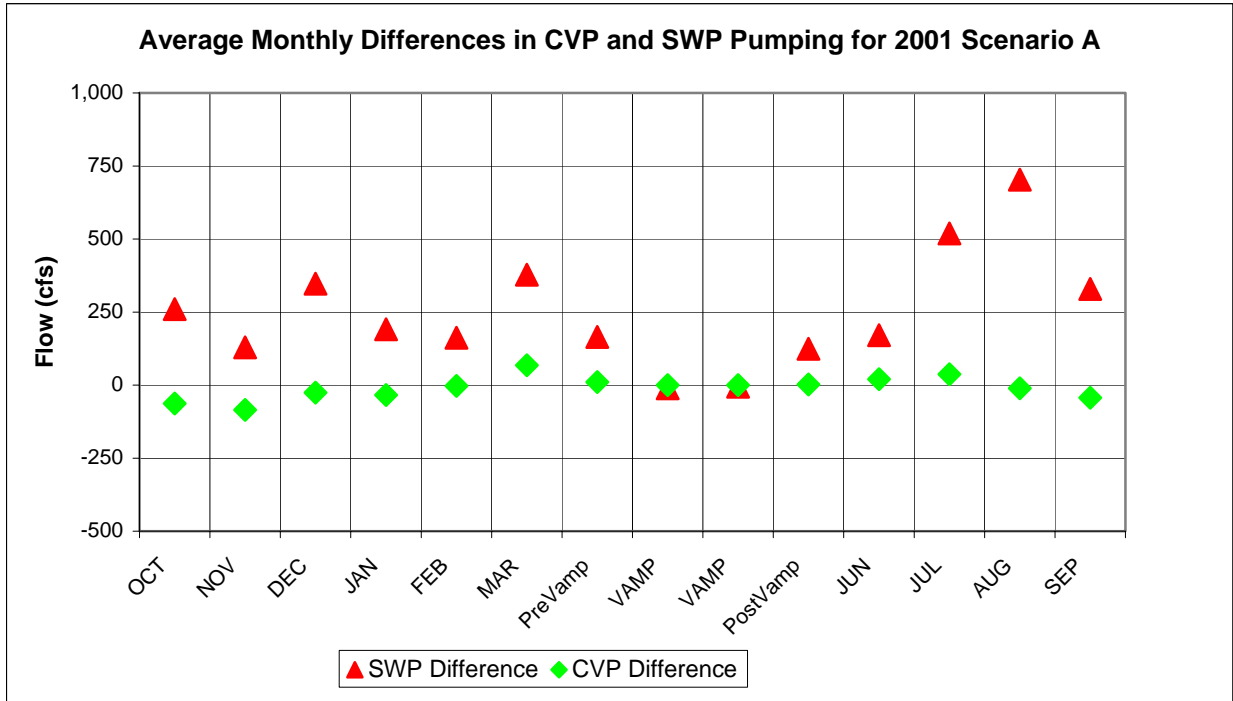


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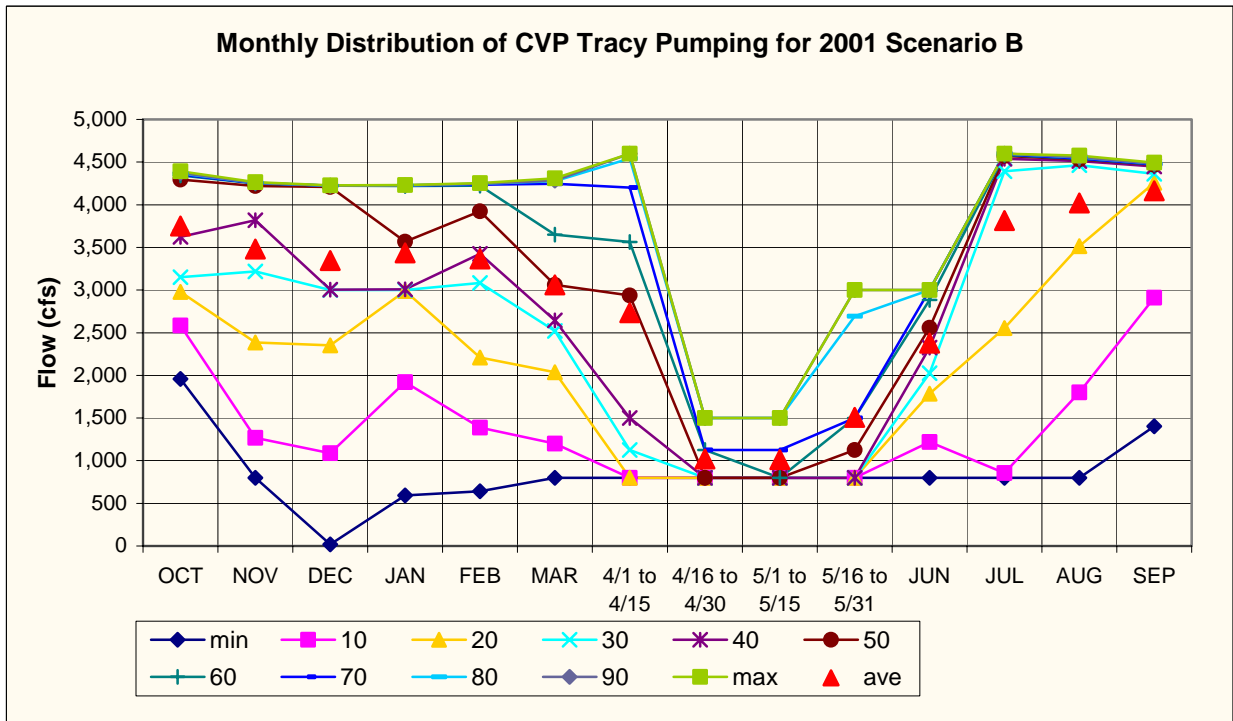
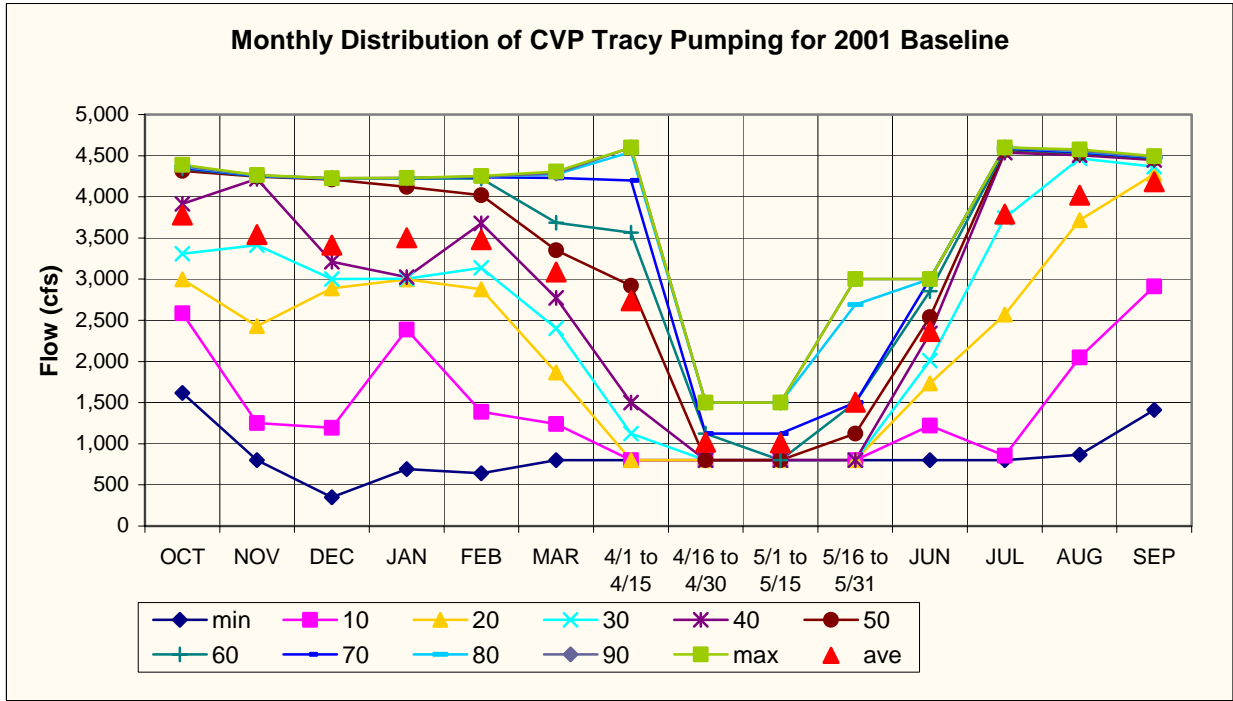


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Figure 5.1-29
Simulated SWP South-of-Delta Water Supply Deliveries for 2001 Baseline

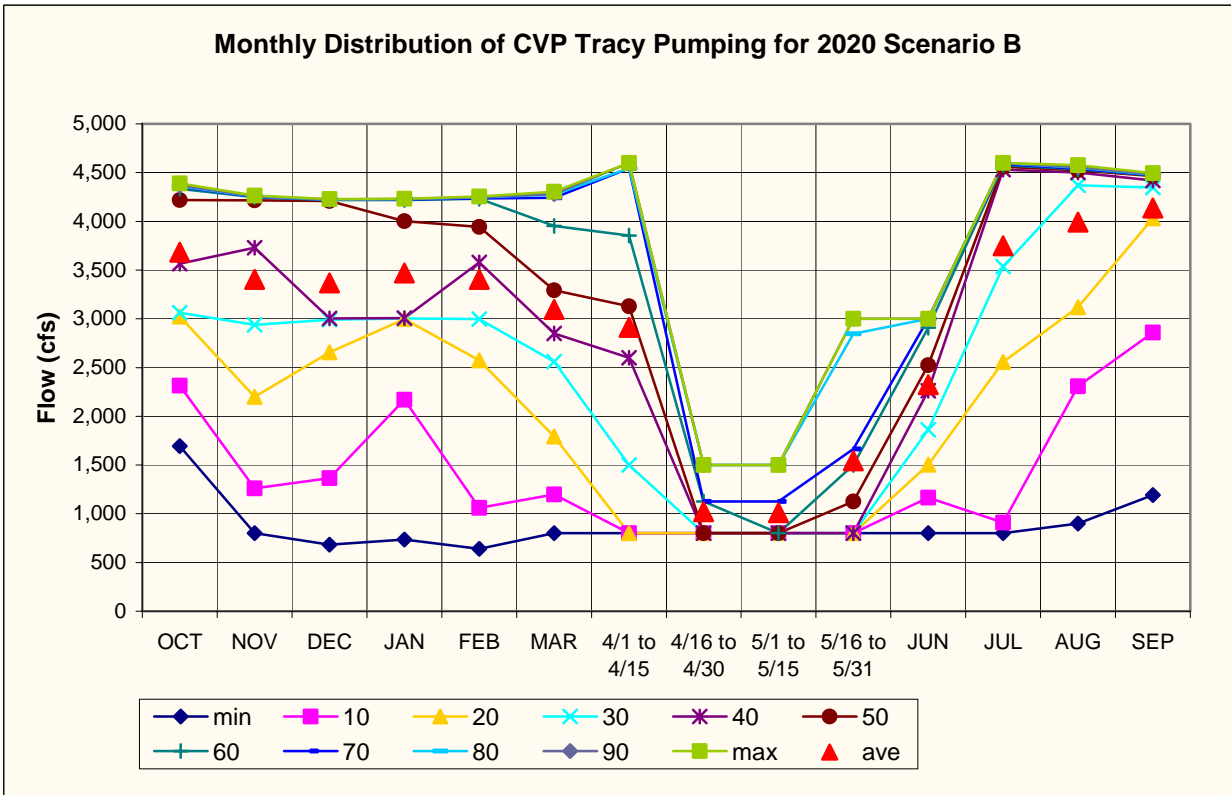
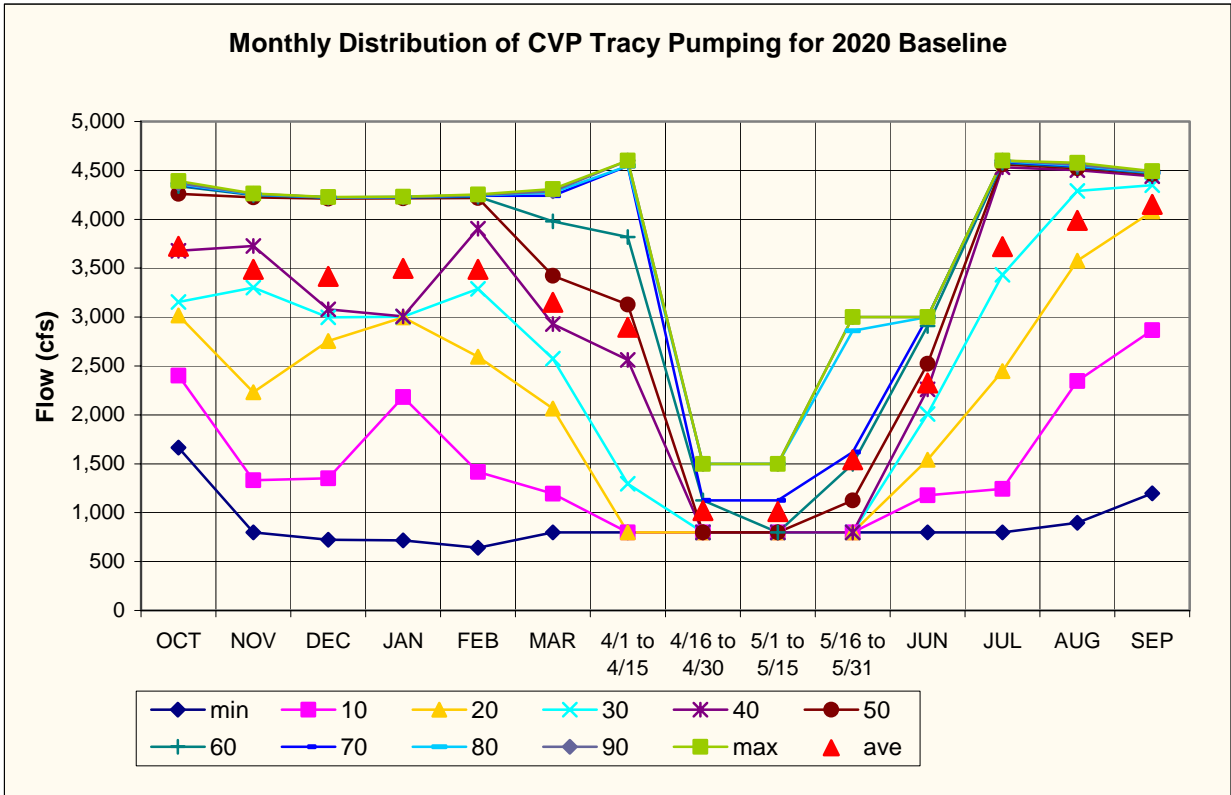


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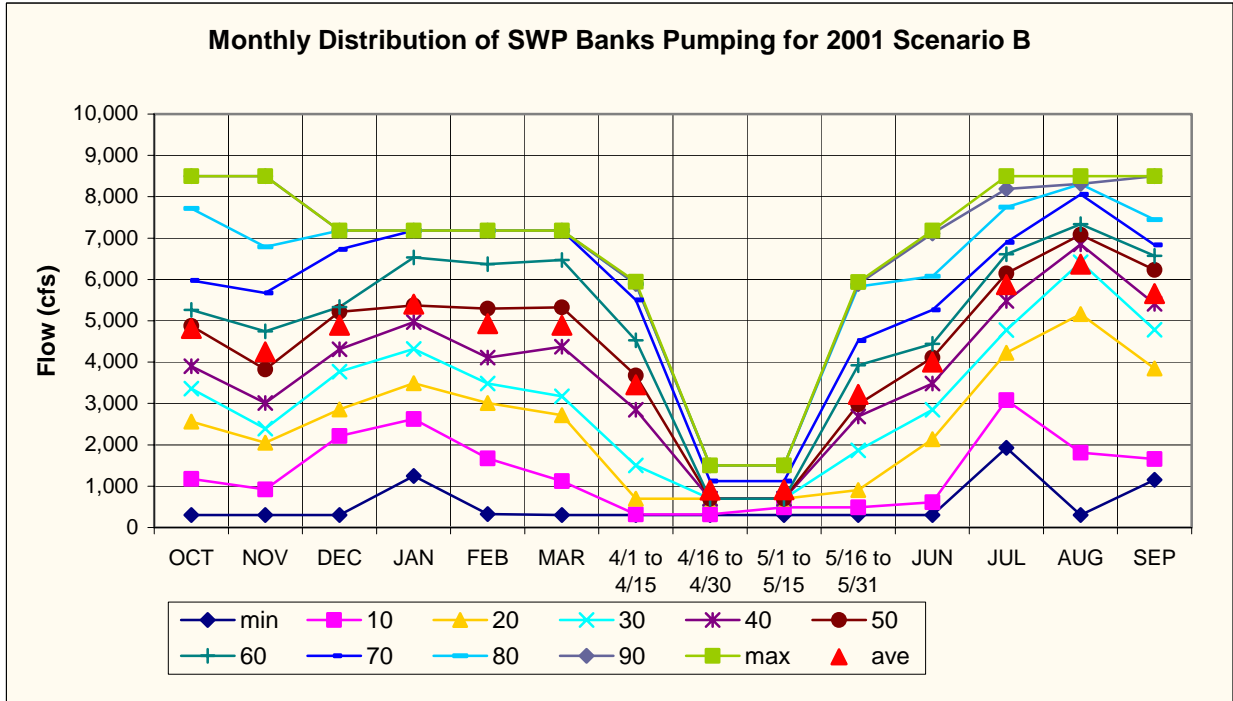
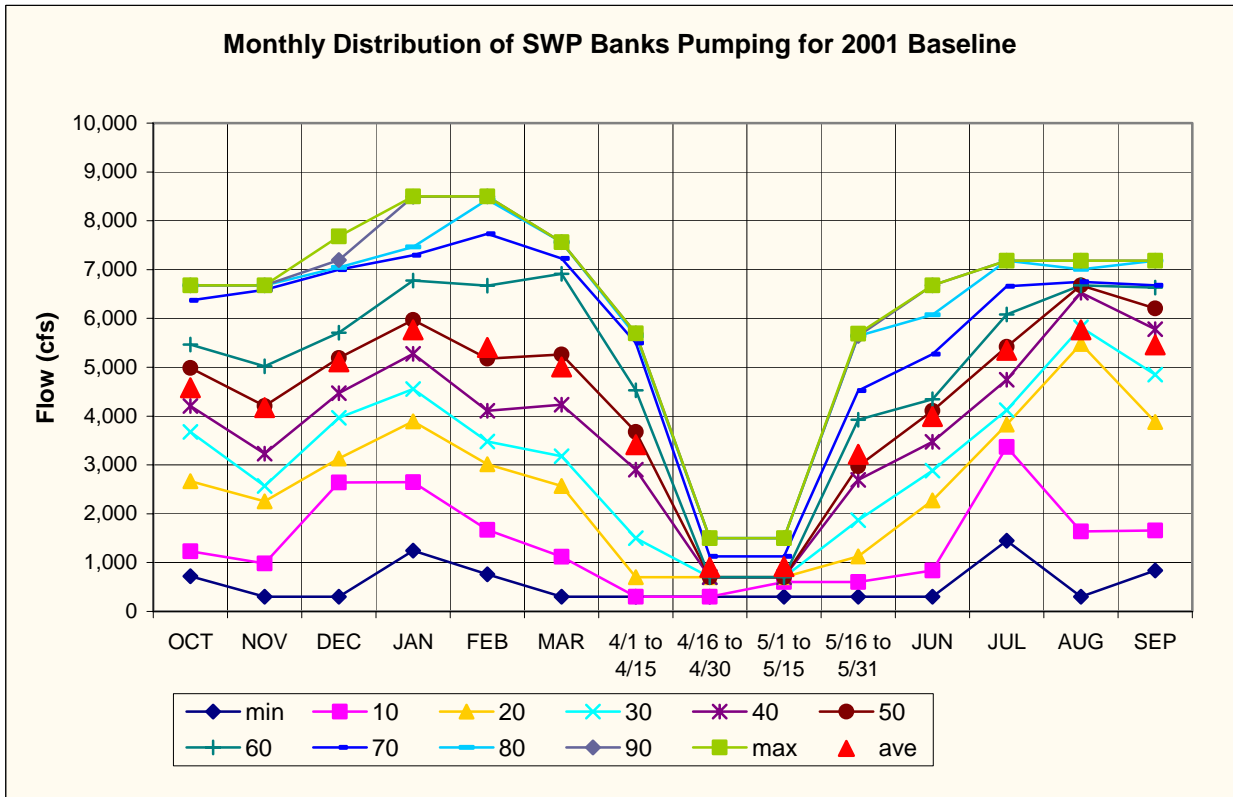


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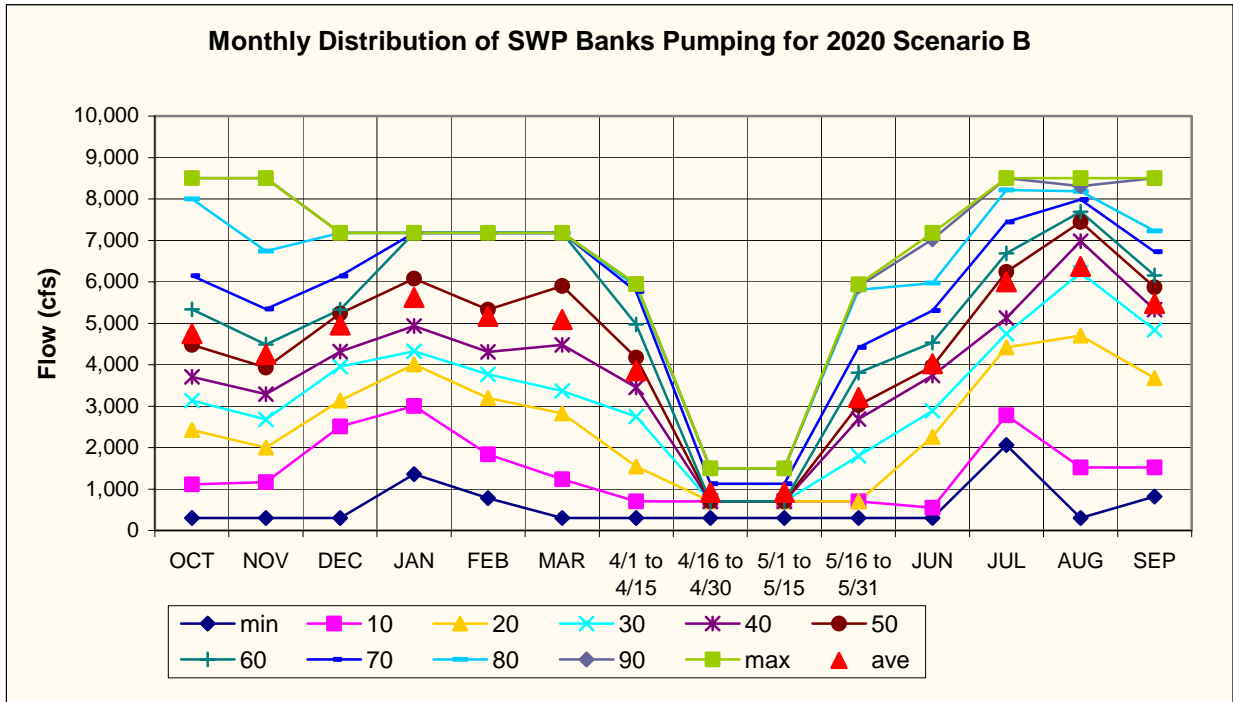
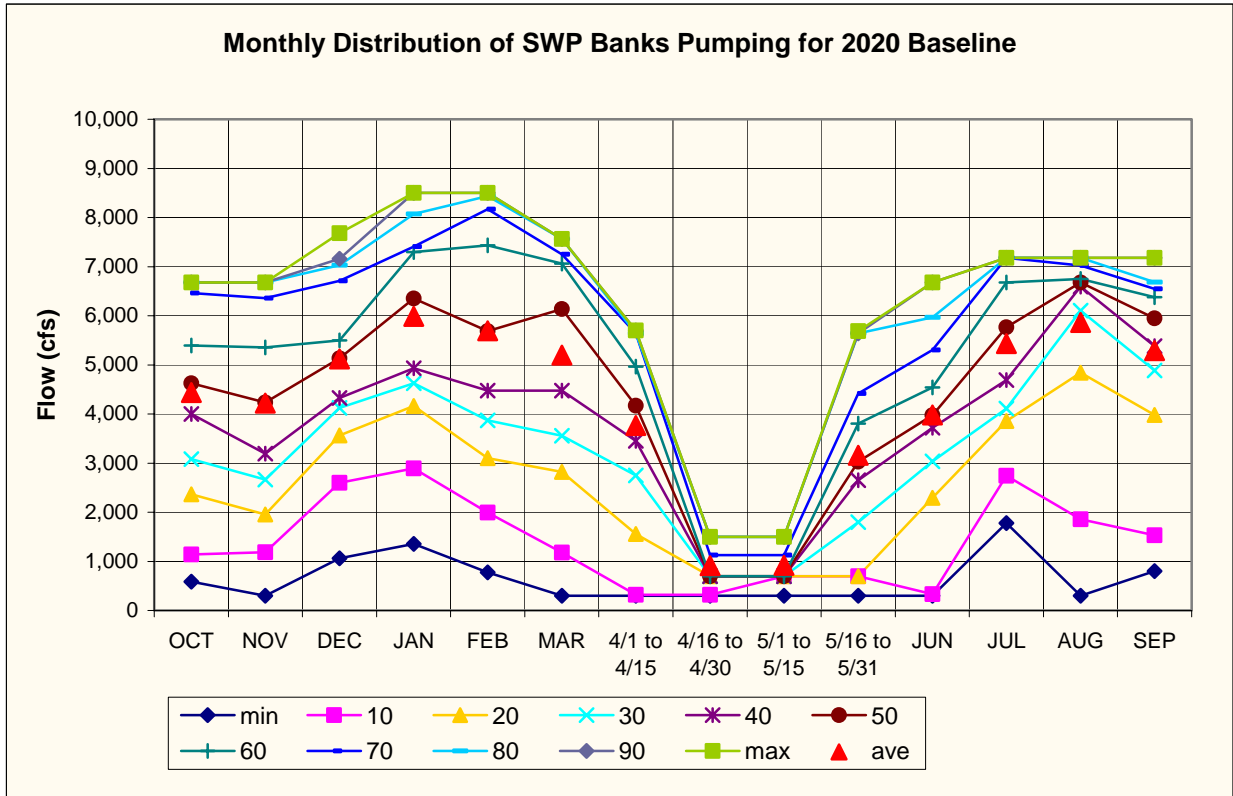
Figure 5.1-31
Monthly Range (Percentiles) of CVP Tracy Pumping for Alternative 2B Compared to 2001 and 2020 Baselines (Page 1 of 2)



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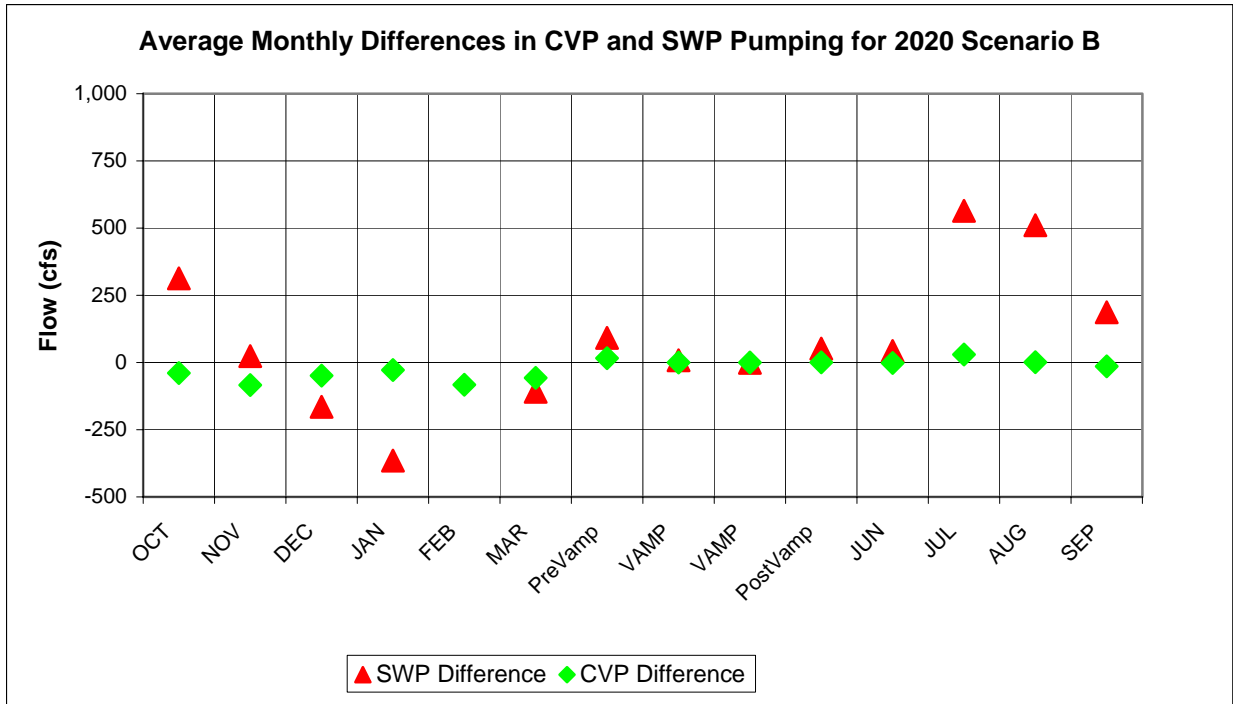
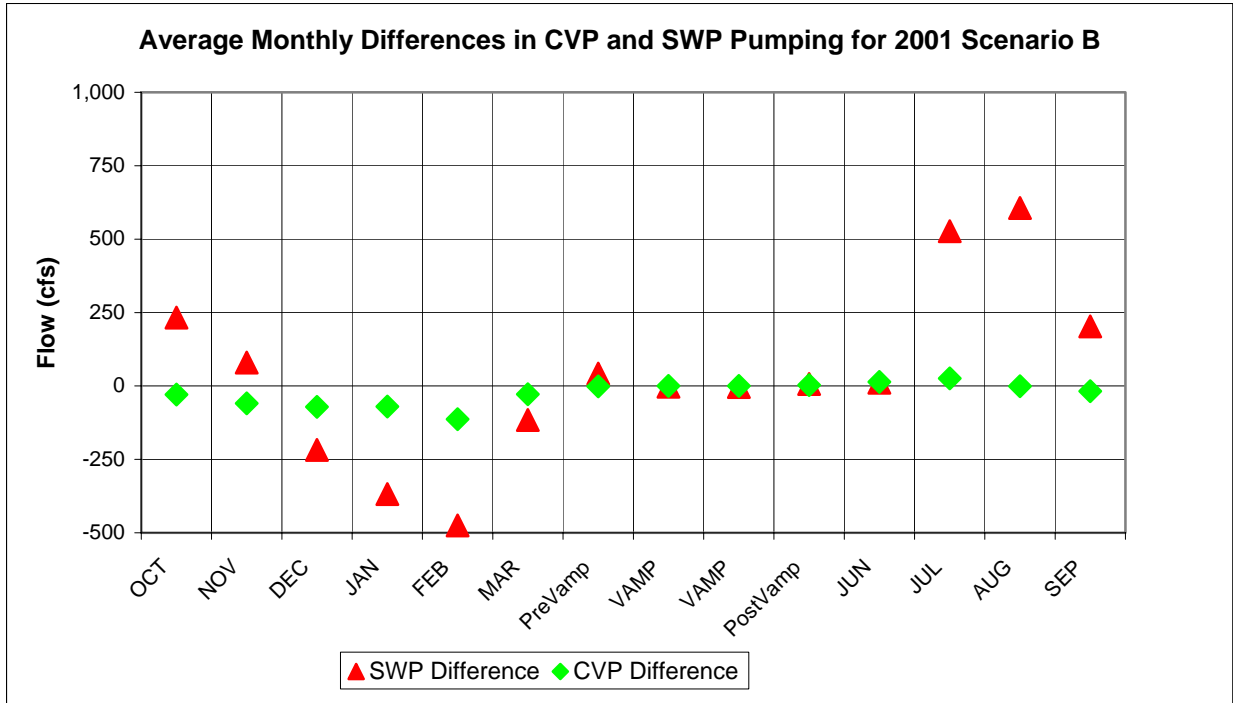


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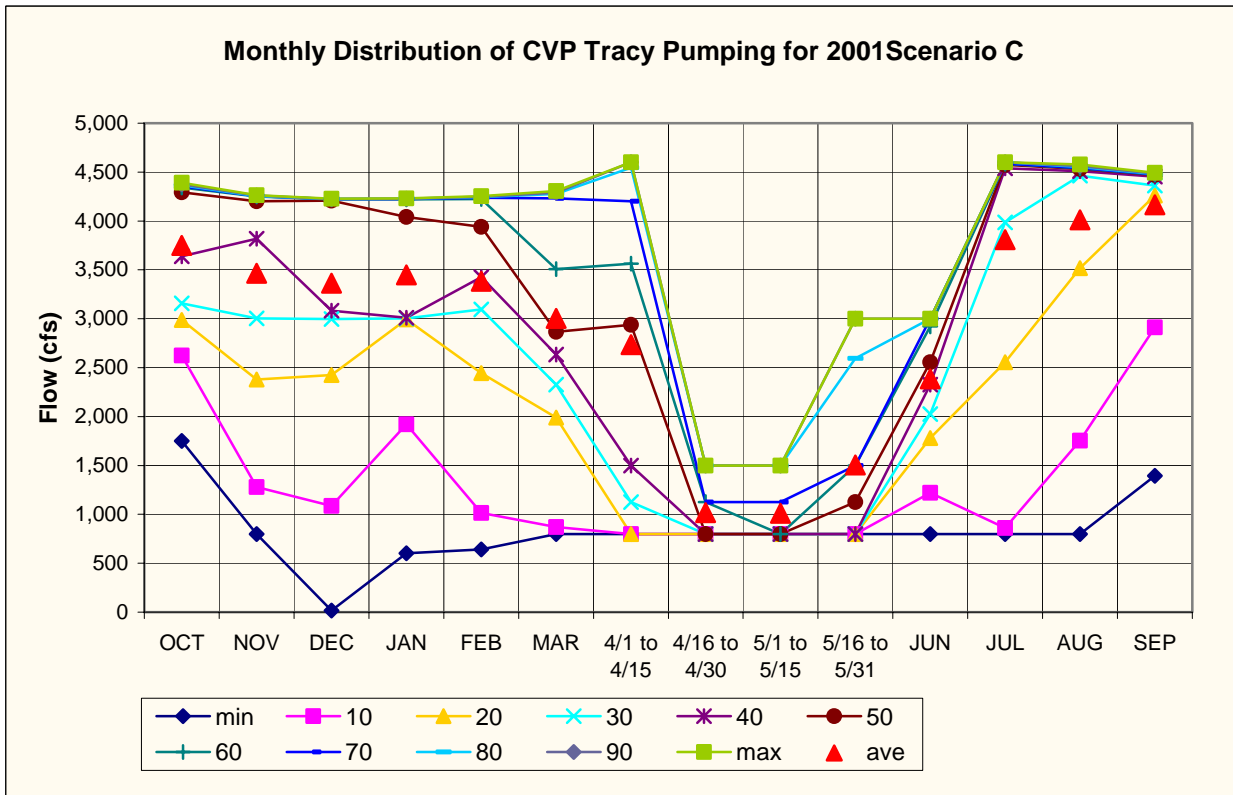
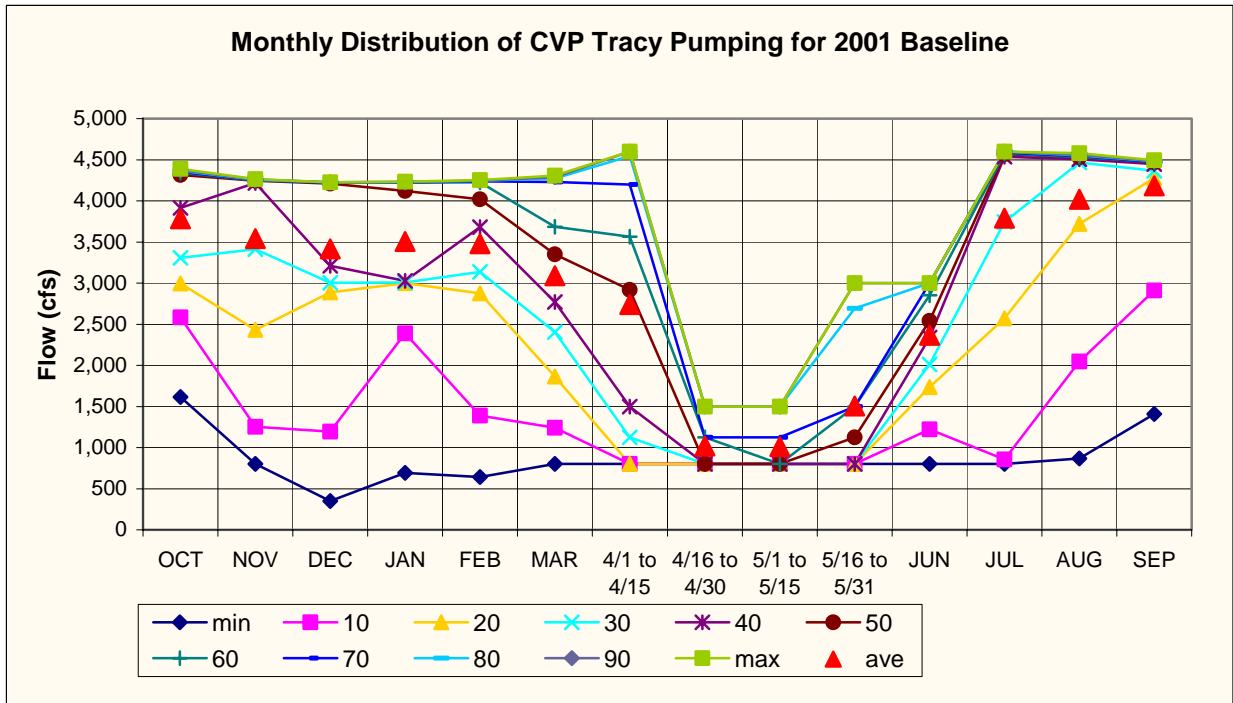


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Figure 5.1-32
Monthly Range (Percentiles) of SWP Banks Pumping for Alternative 2B Compared to 2001 and 2020 Baselines (Page 2 of 2)

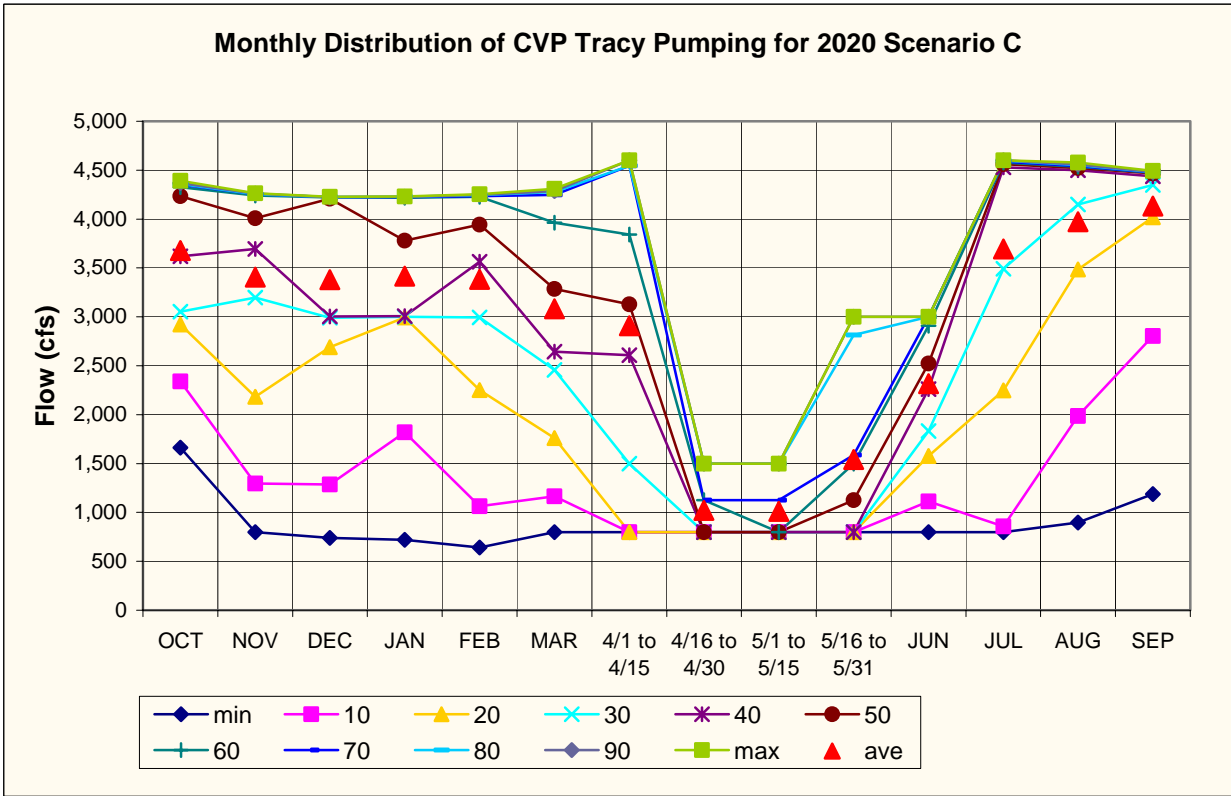
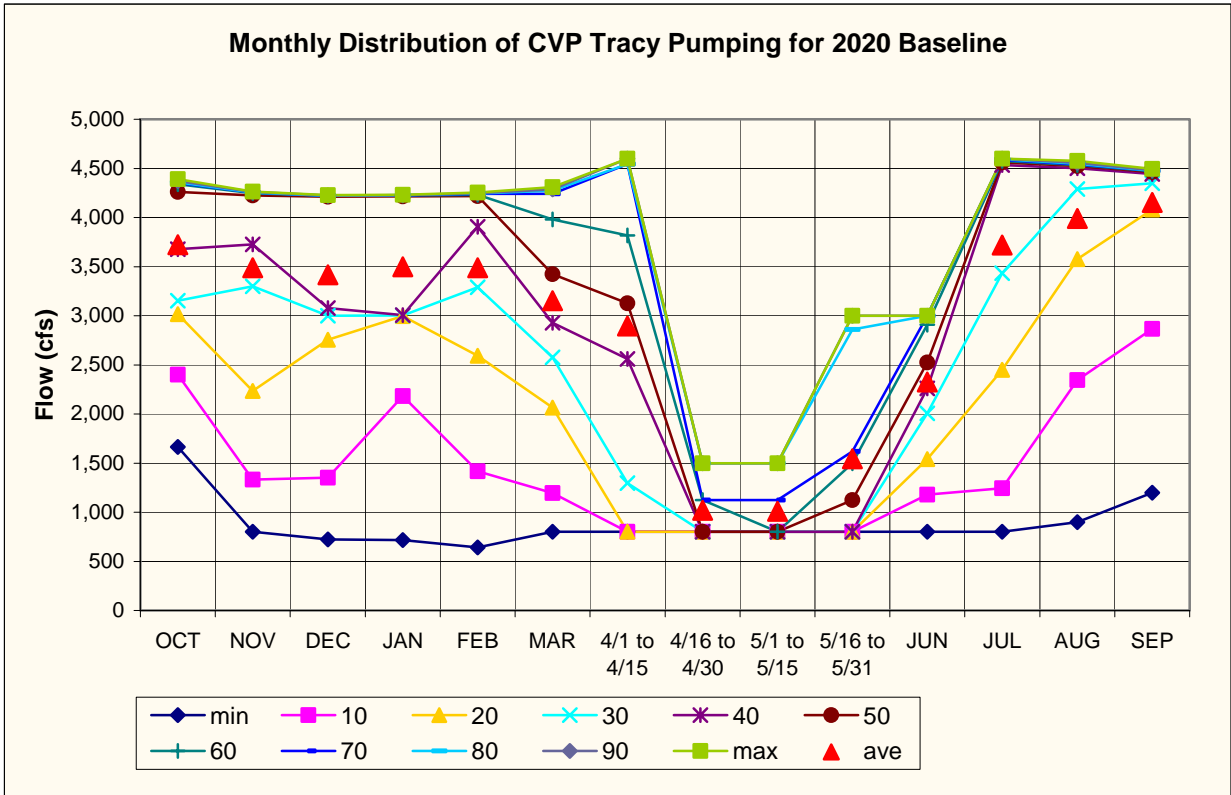


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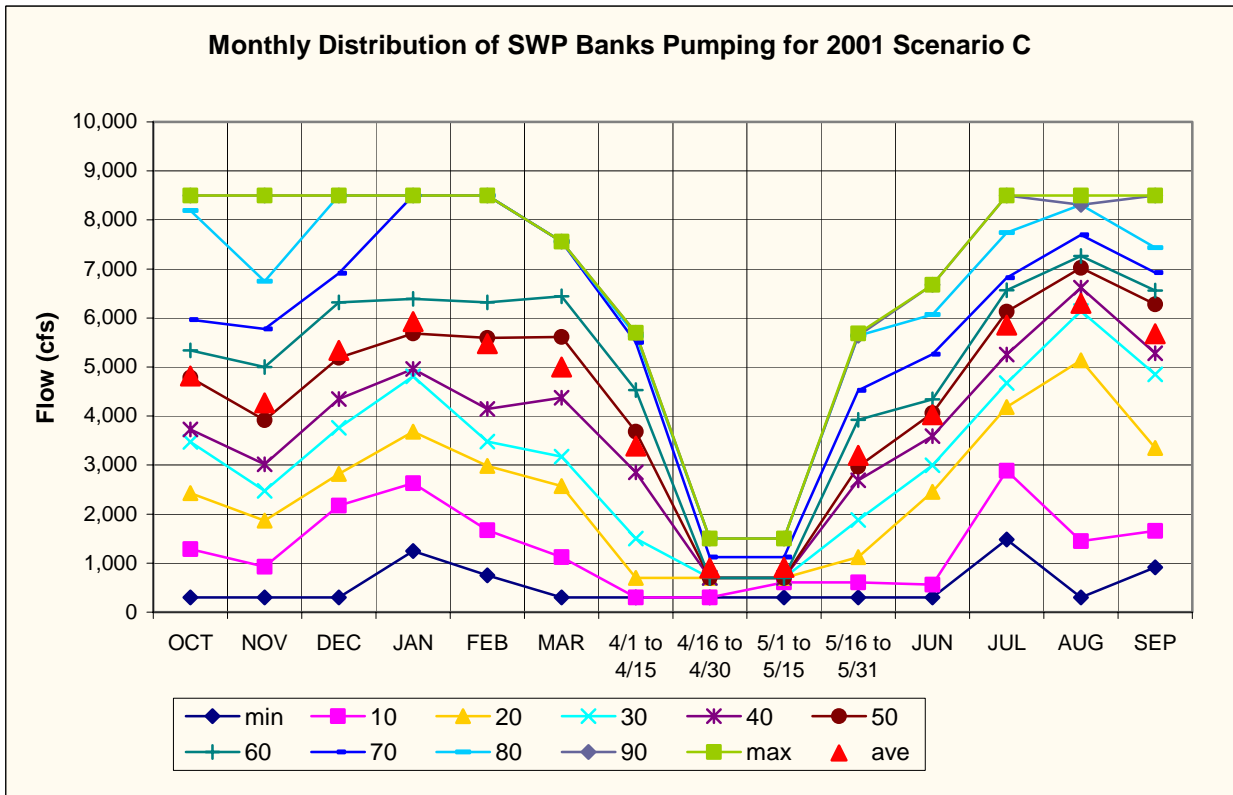
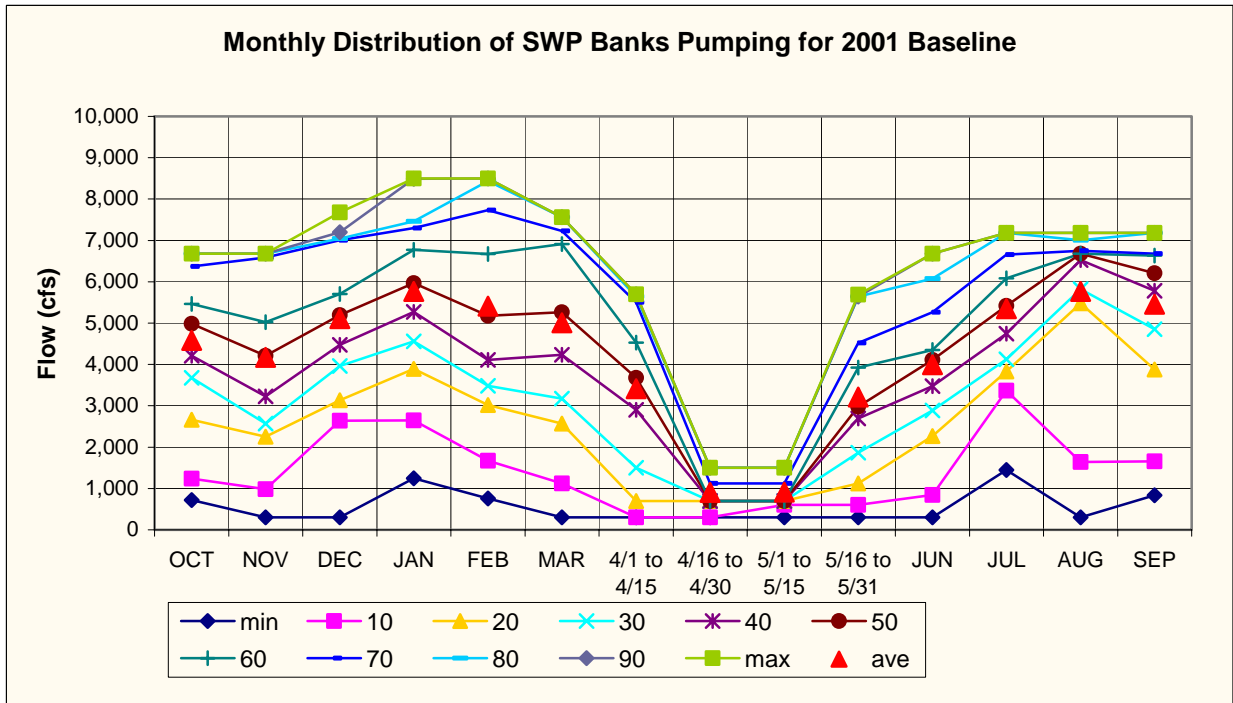


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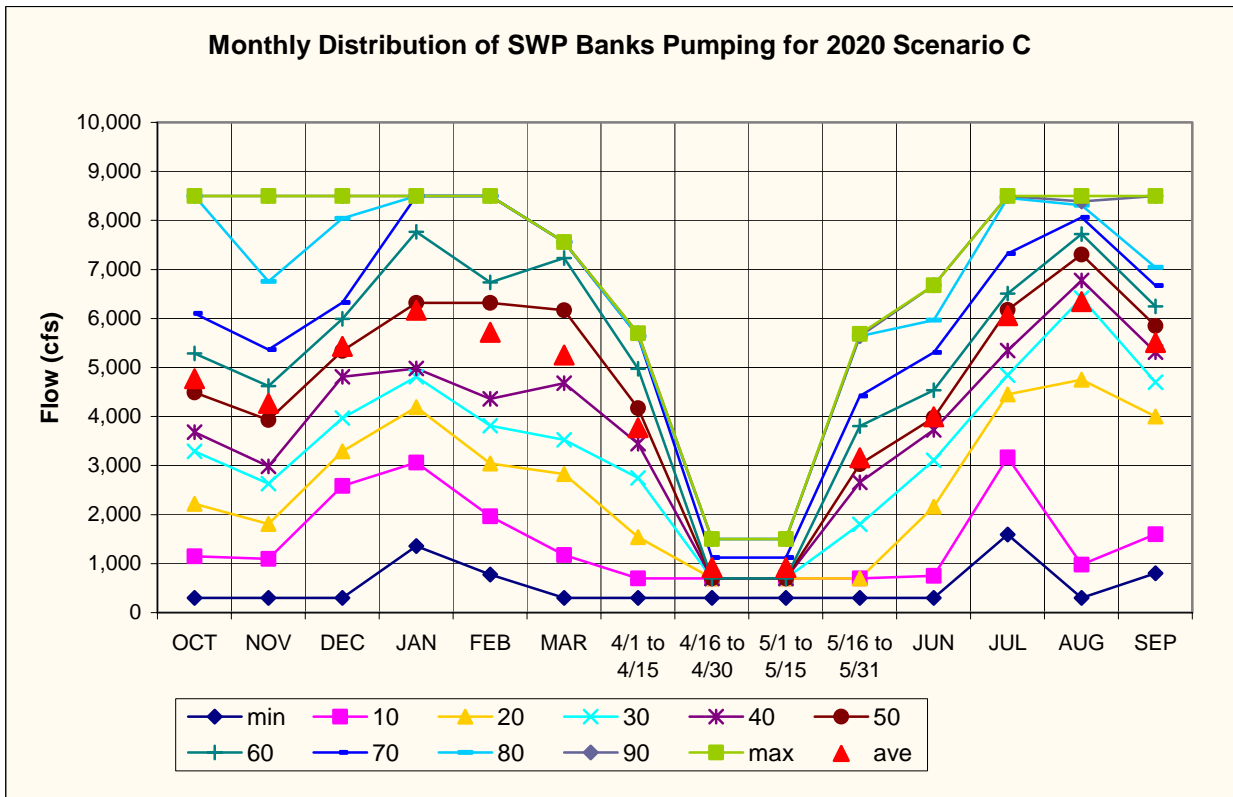
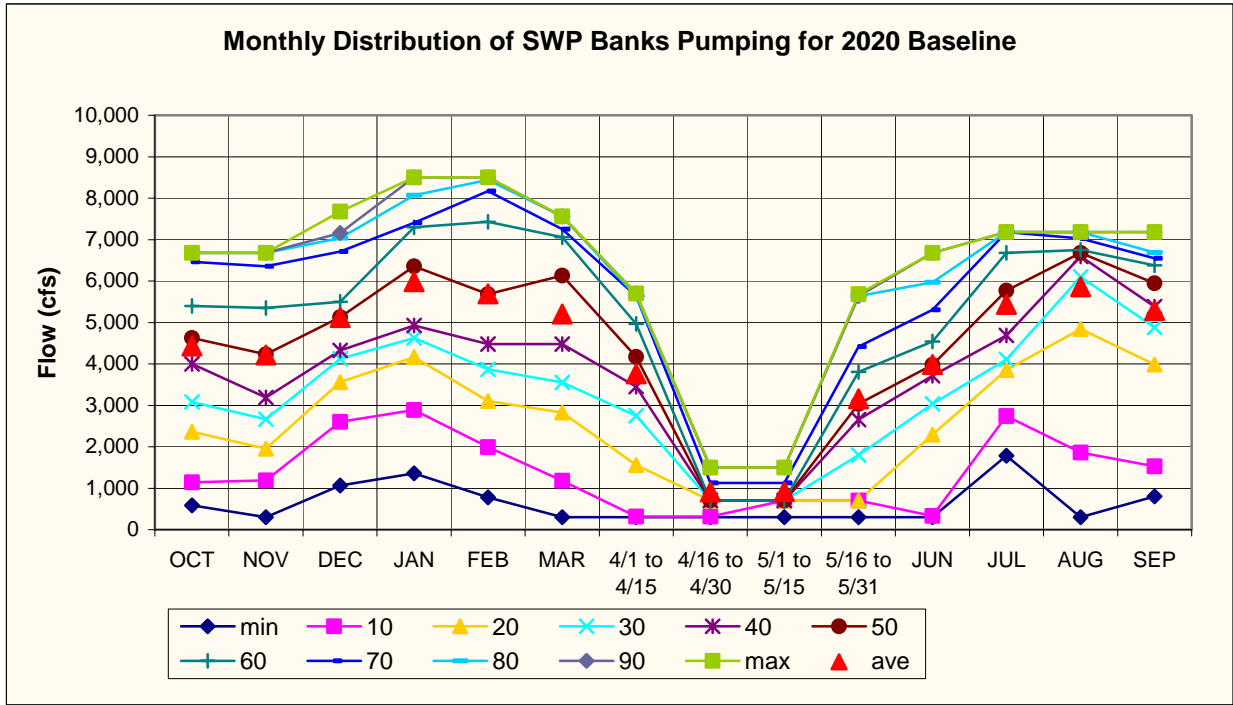
Figure 5.1-34
Monthly Range (Percentiles) of CVP Tracy Pumping for Alternative 2C Compared to 2001 and 2020 Baselines (Page 1 of 2)



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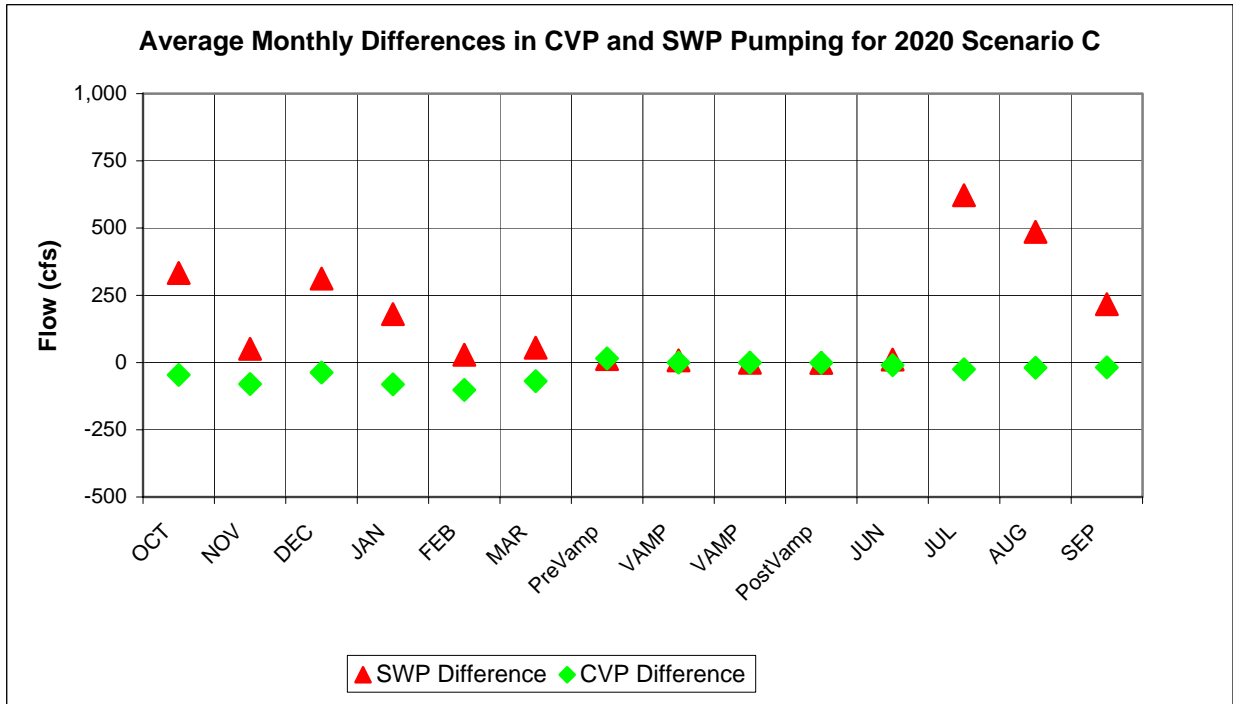
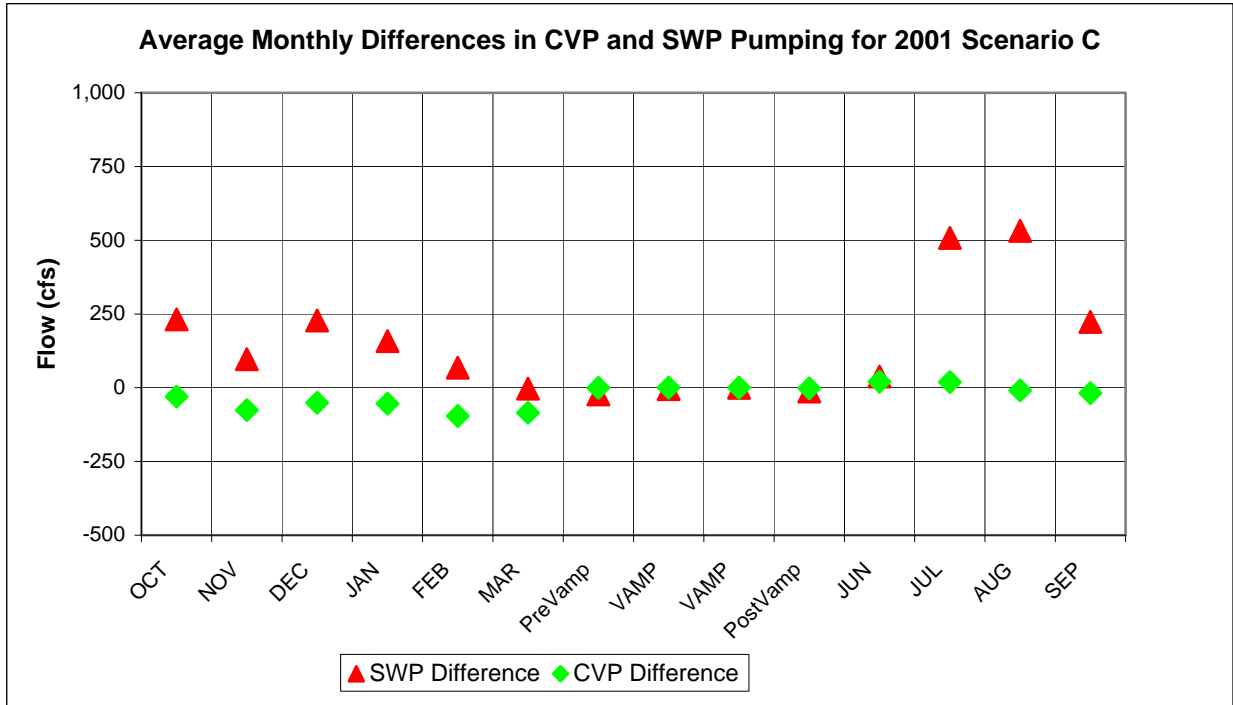
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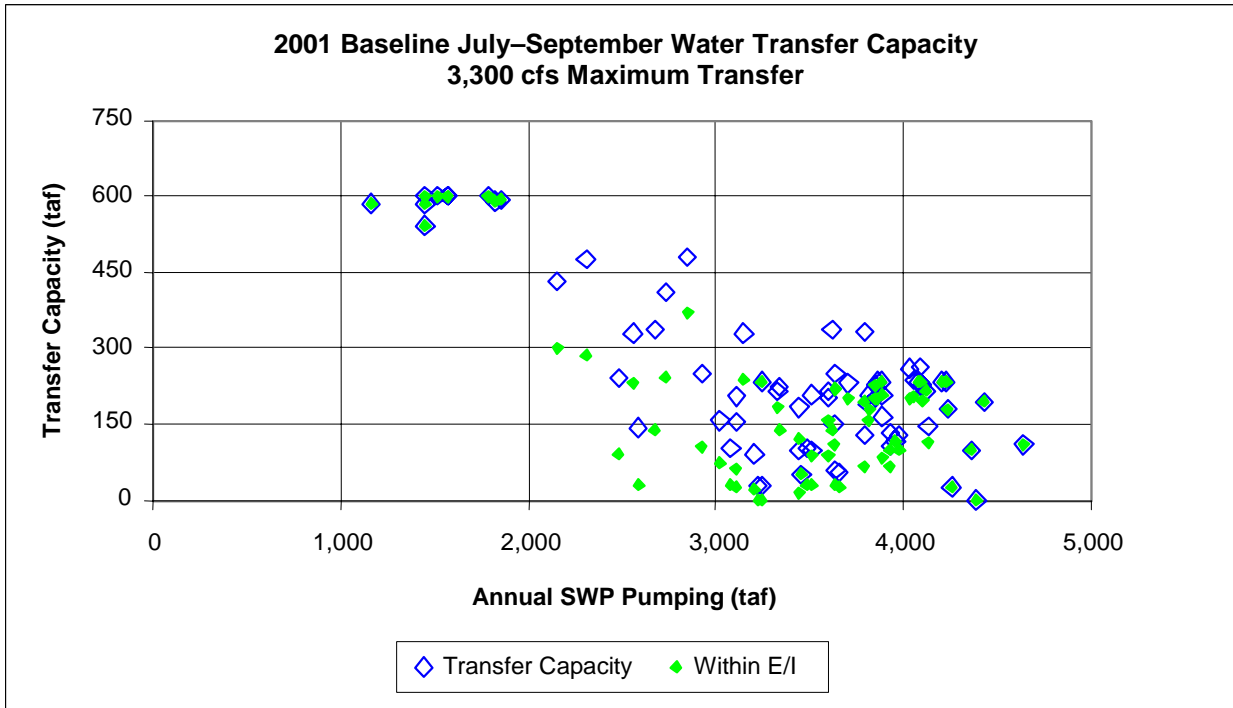
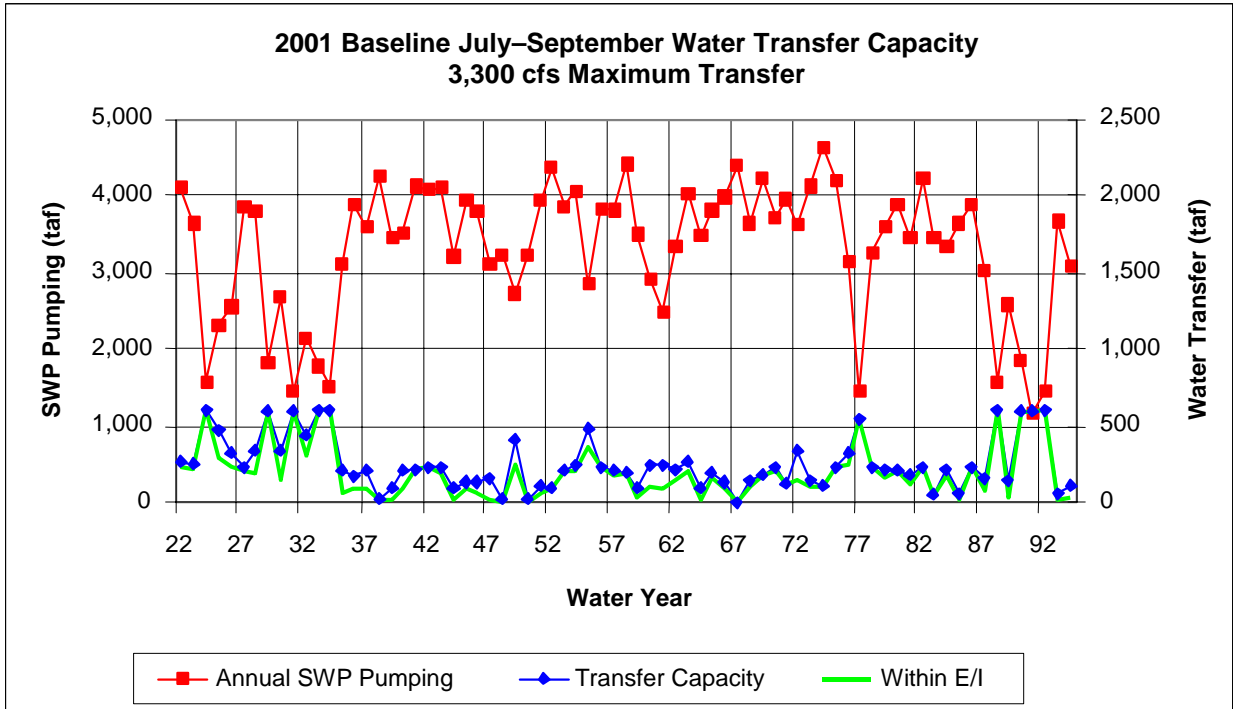
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Figure 5.1-35

Monthly Range (Percentiles) of SWP Banks Pumping for Alternative 2C Compared to 2001 and 2020 Baselines (Page 2 of 2)



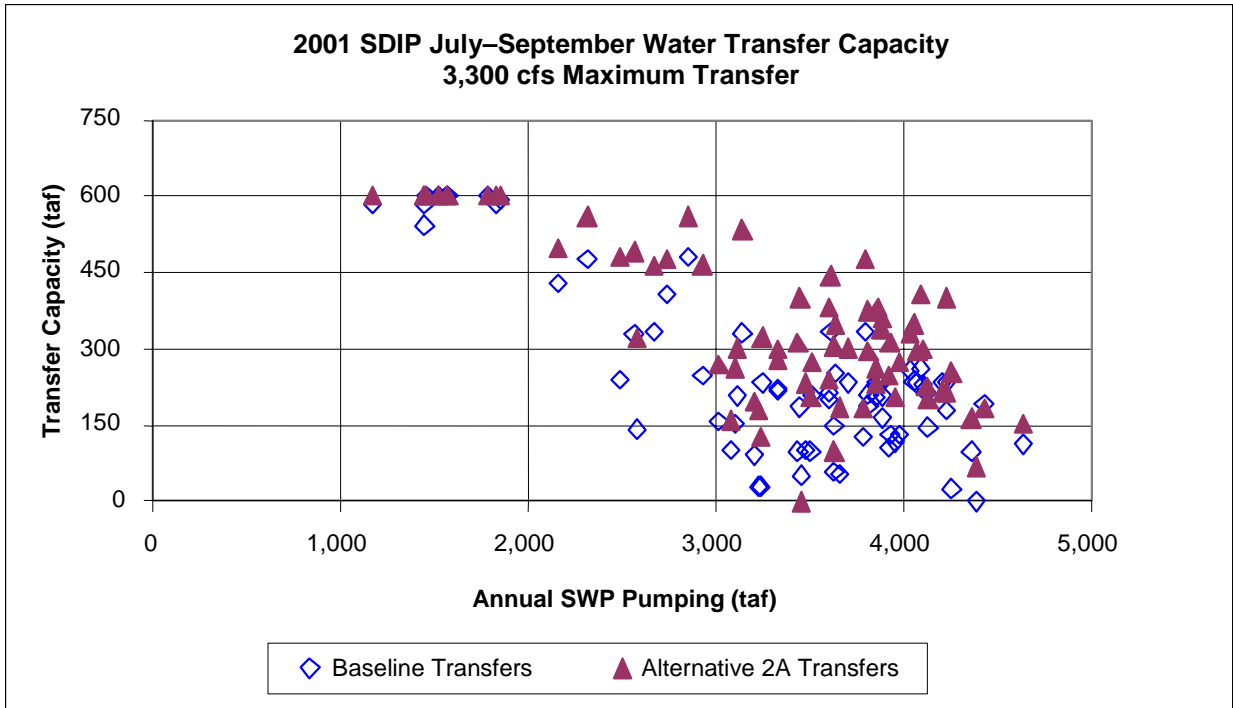
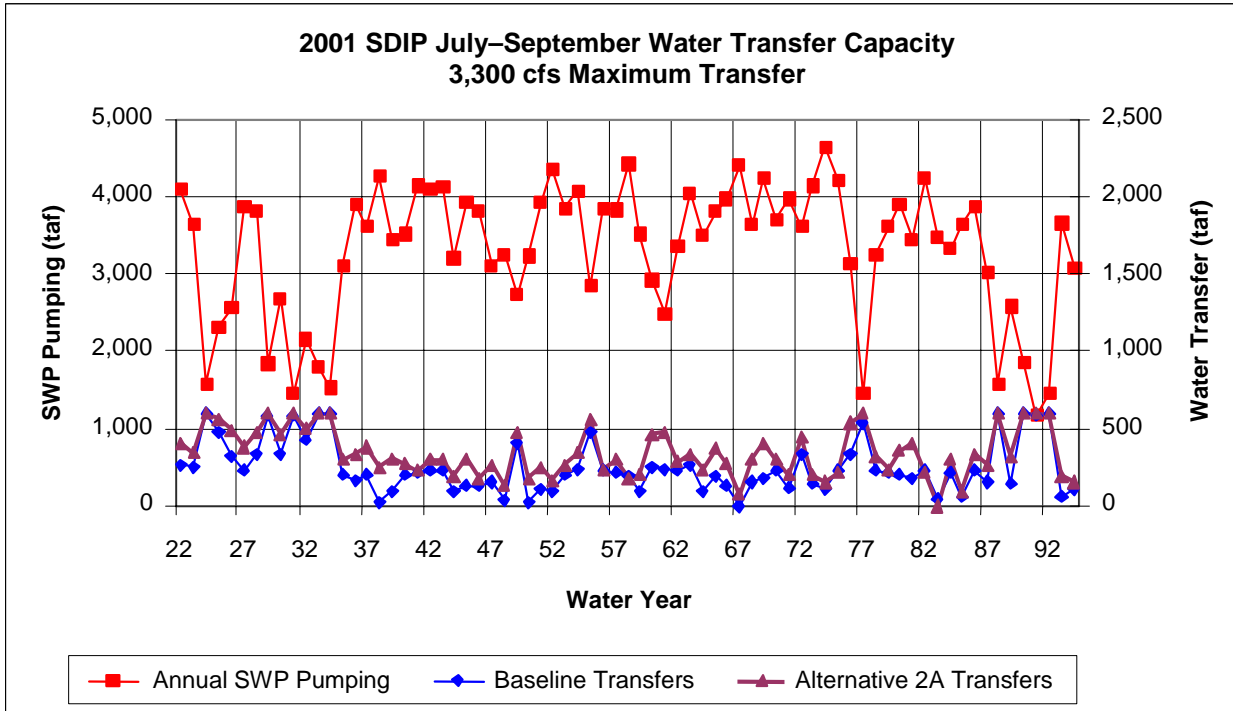
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Figure 5.1-37

**Water Transfer Evaluation of 2001 Baseline
with Maximum of 3,300 cubic feet per second (cfs)
in July-September at 7,180-cfs Pumping Capacity**



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Figure 5.1-38

Evaluation of 2001 SDIP Water Transfers with Maximum of 3,300 cfs in July-September at 8,500-cfs Pumping Capacity Compared with Baseline Transfers