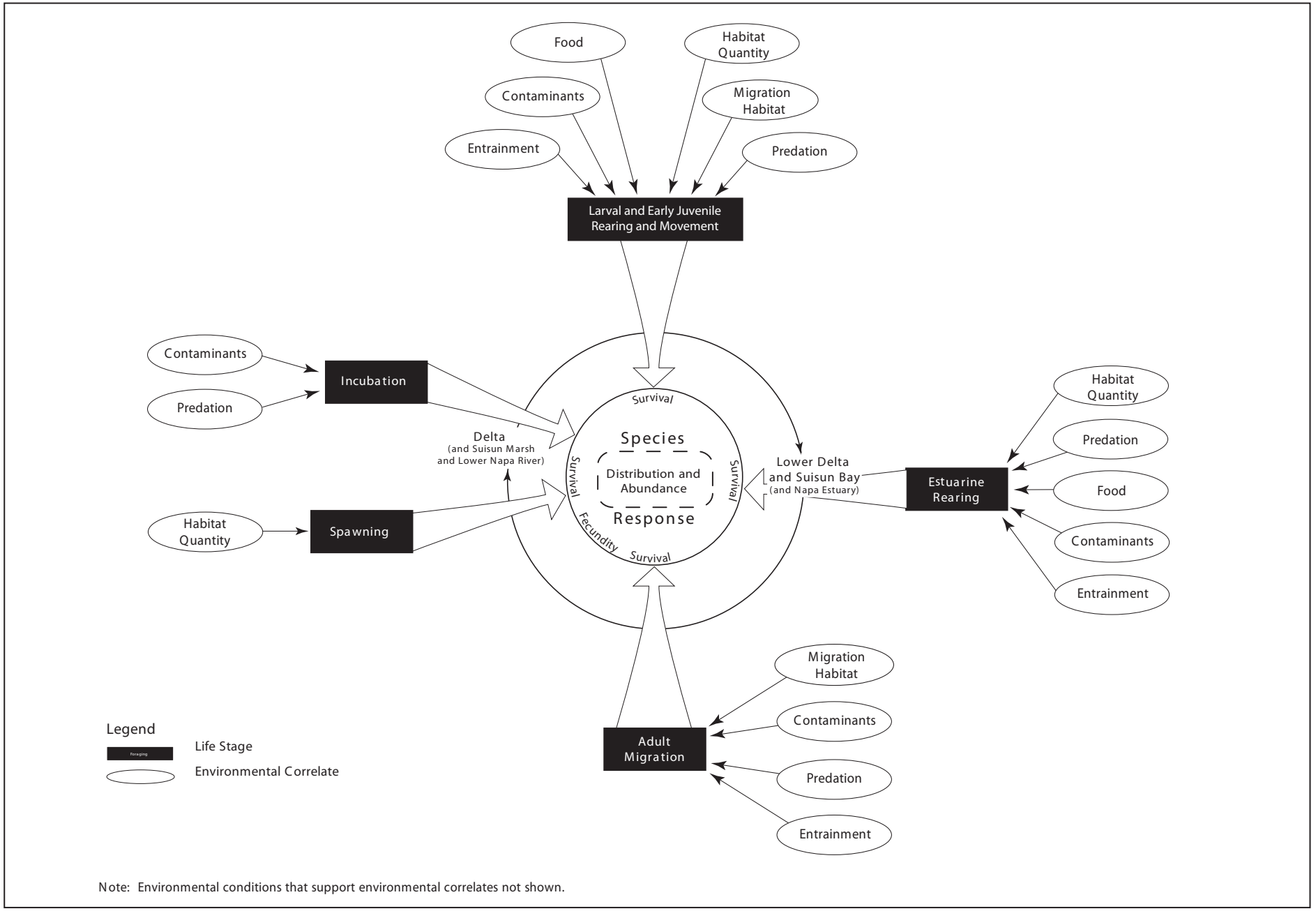

Note: Environmental conditions that support environmental correlates not shown.

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Figure 6.1-1
Conceptual Model for Assessment of SDIP Effects on Delta Smelt

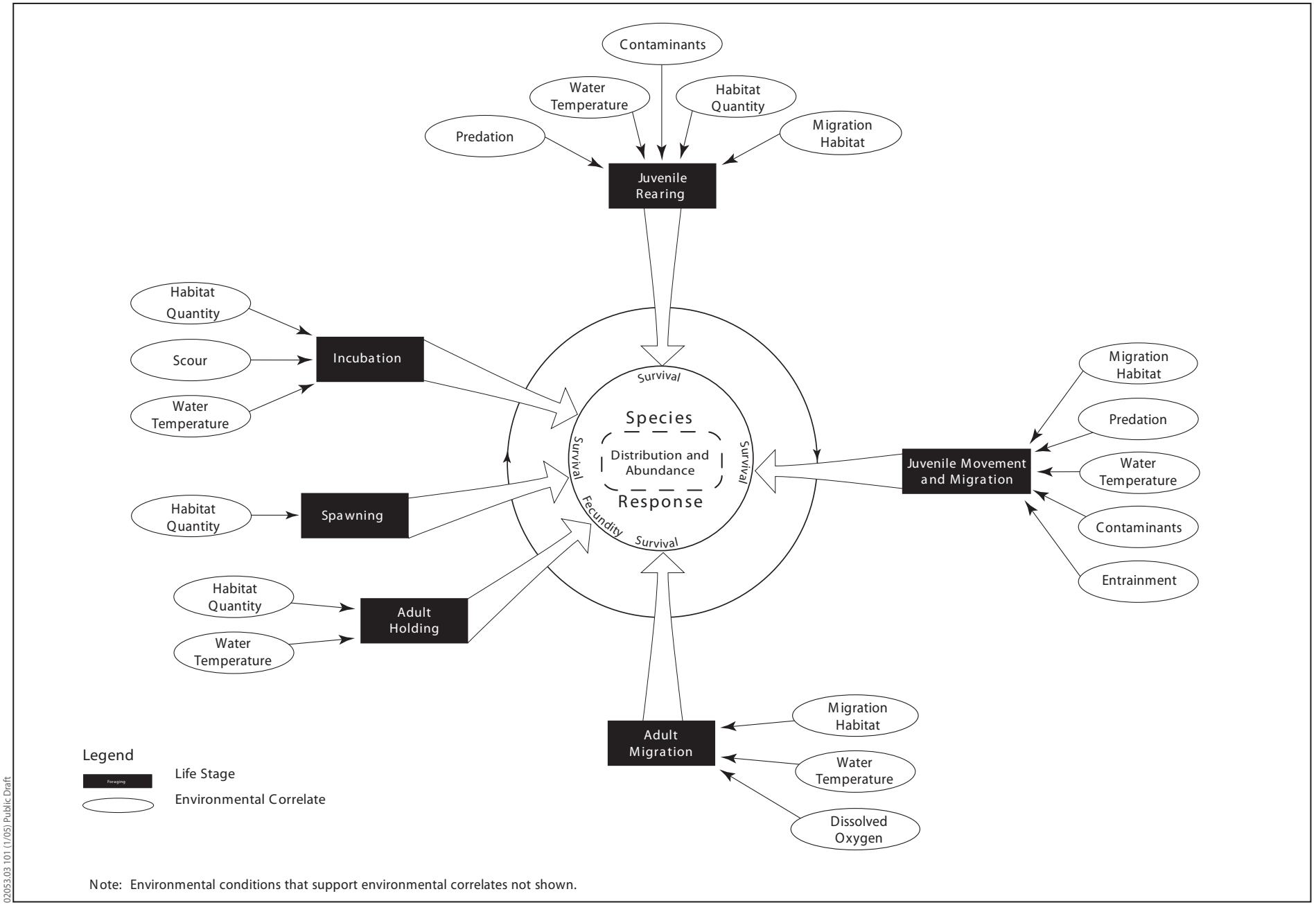

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Figure 6.1-2
Conceptual Model for Assessment of SDIP Effects on Chinook Salmon

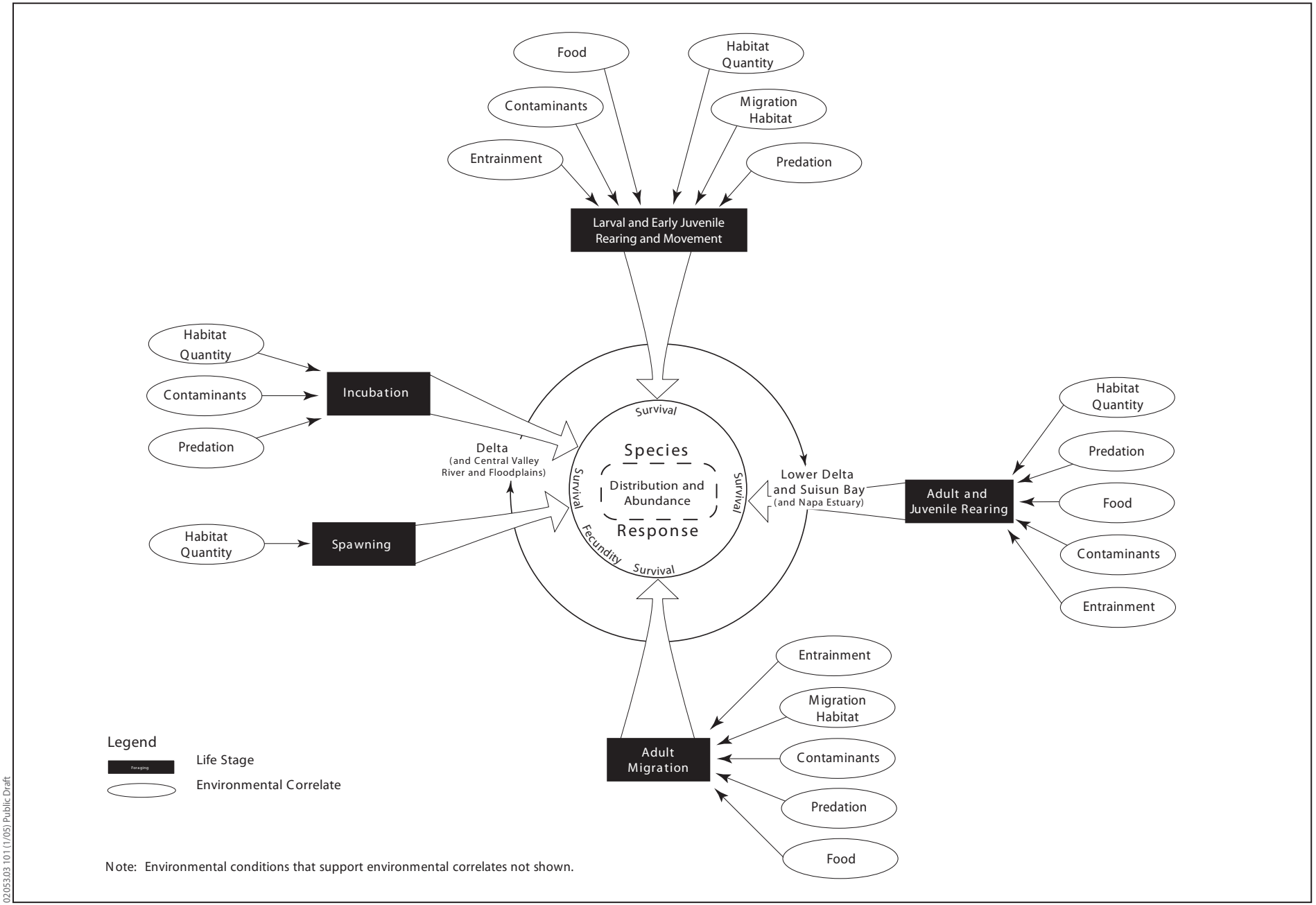

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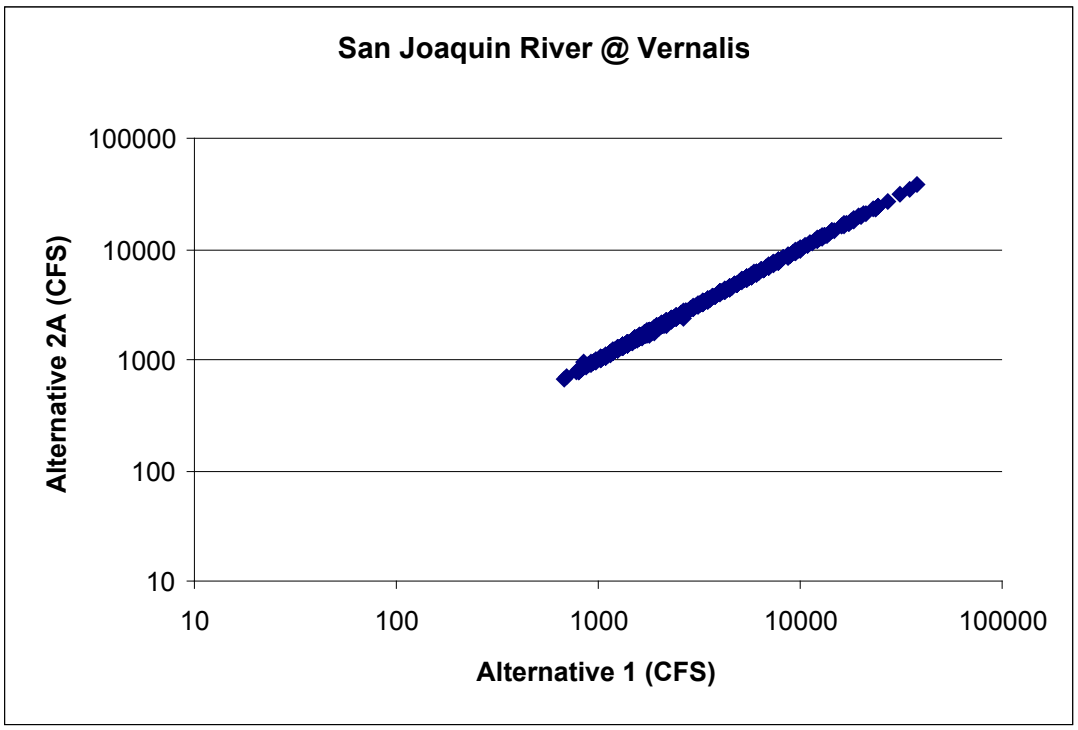
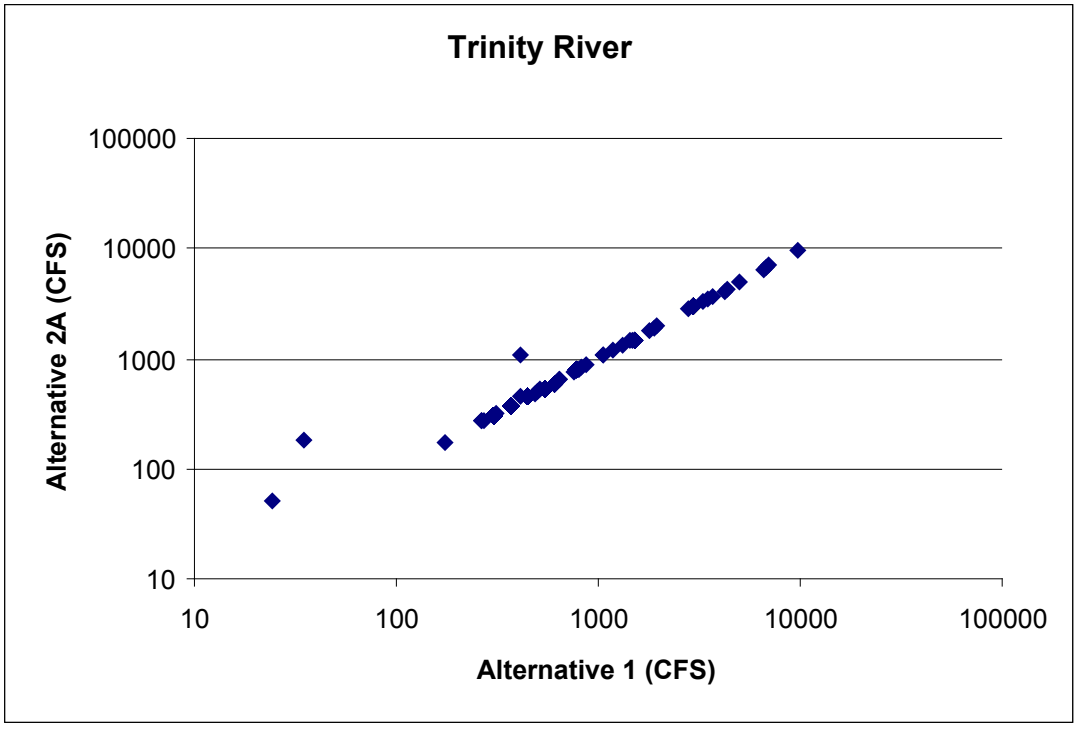
Figure 6.1-3
Conceptual Model for Assessment of SDIP Effects on Splittail





Note: Points that fall above the 45 diagonal indicate flows higher than Alternative 1. Points that fall below indicate flows lower than Alternative 1. Points on the diagonal indicate that flows are the same as under Alternative 1.

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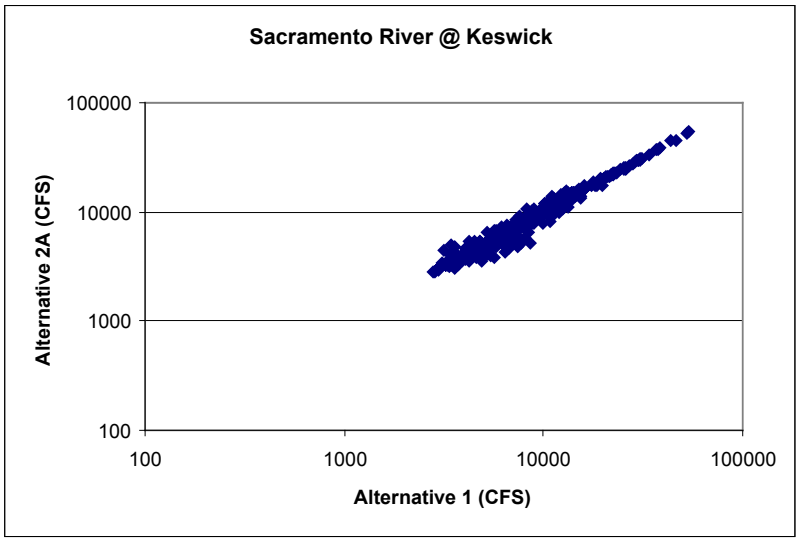
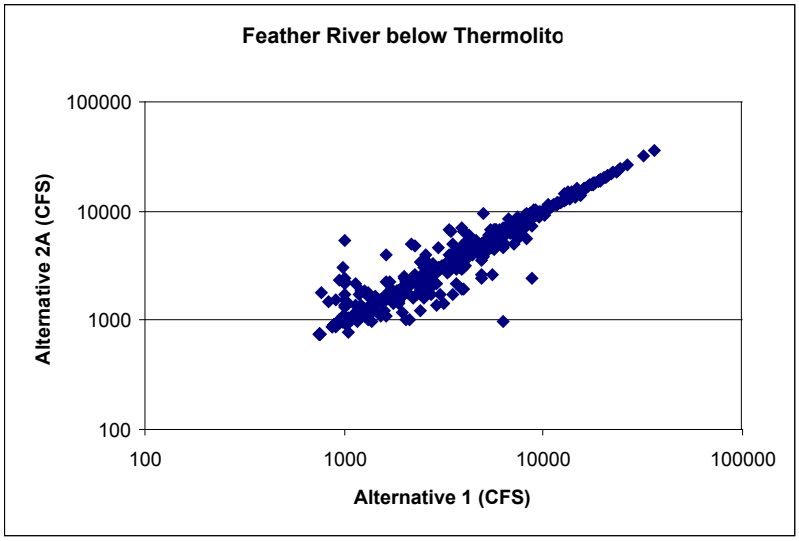
Figure 6.1-4
Comparison of Monthly Average Flow in the San Joaquin and Trinity Rivers under Alternative 1 and 2A, 1922–1994 Simulation





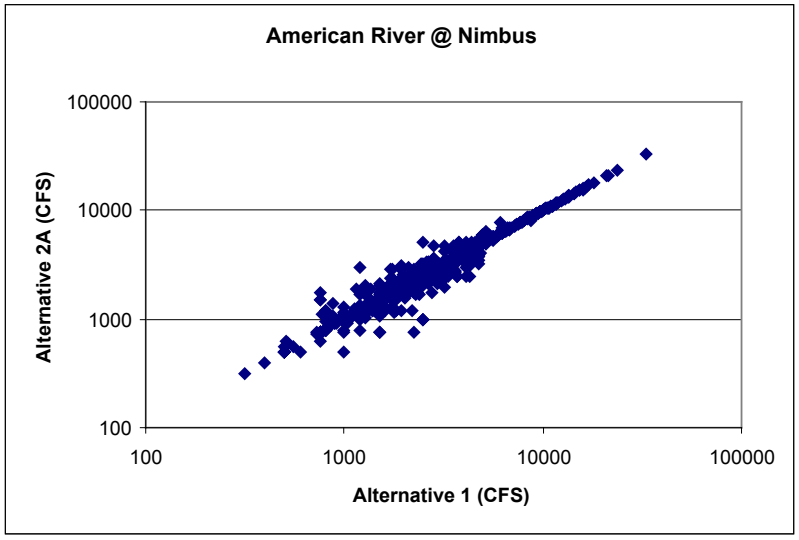


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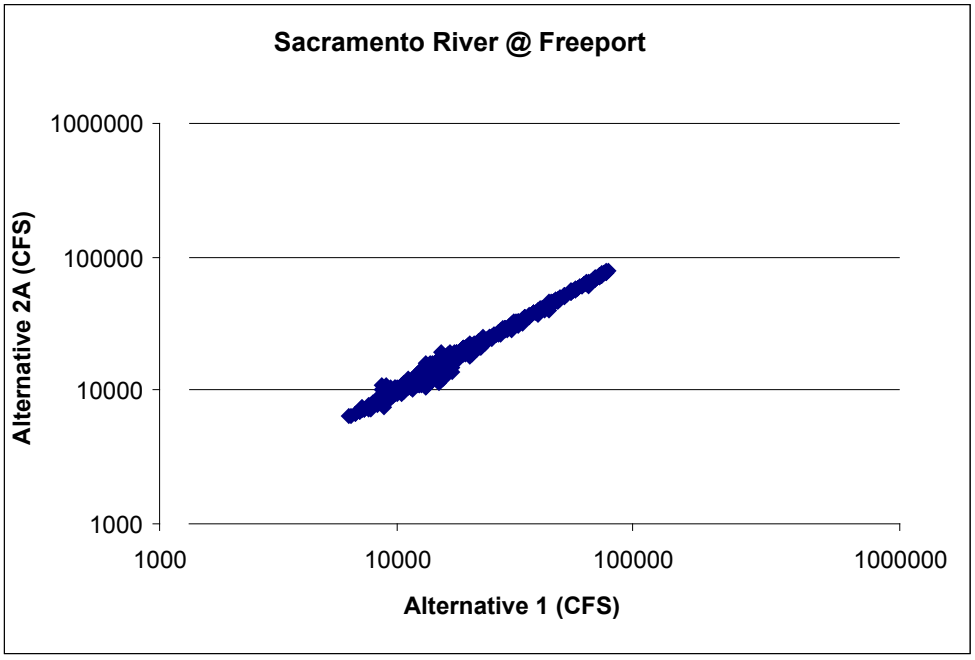
Figure 6.1-5
Comparison of Monthly Average Flow in the Sacramento, Feather, and American Rivers under Alternative 1 and 2A, 1922–1994 Simulation



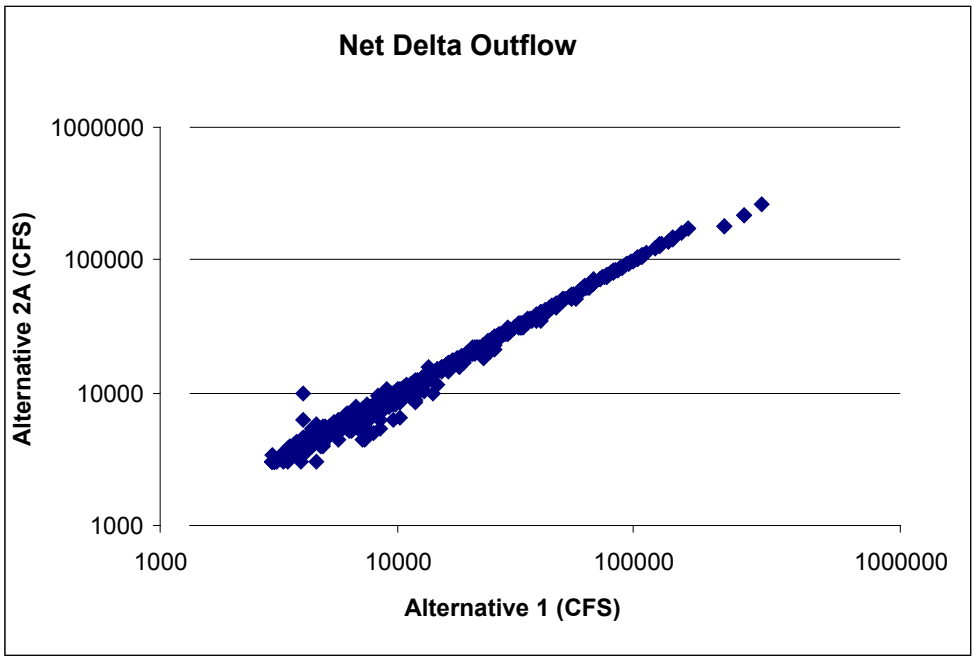


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Figure 6.1-6
Comparison of Monthly Average Flow in the Sacramento River at Freeport and Monthly Average Delta Outflow under Alternative 1 and 2A, 1922–1994 Simulation

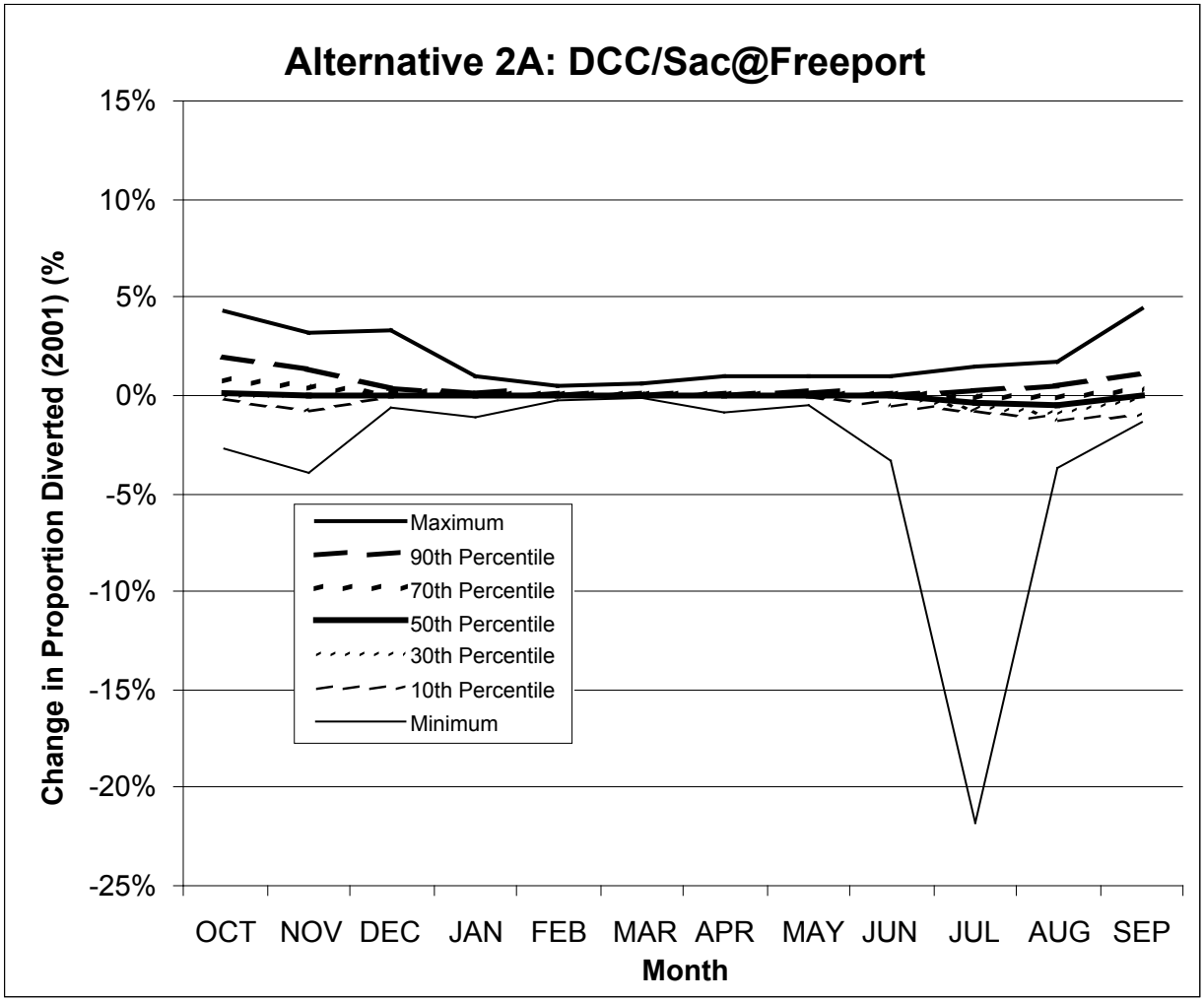

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Figure 6.1-7
Comparison of the Proportion of Sacramento River Flow Drawn into the Delta Cross Channel and Georgiana Slough under Alternative 1 and 2A, 1922–1994 Simulation

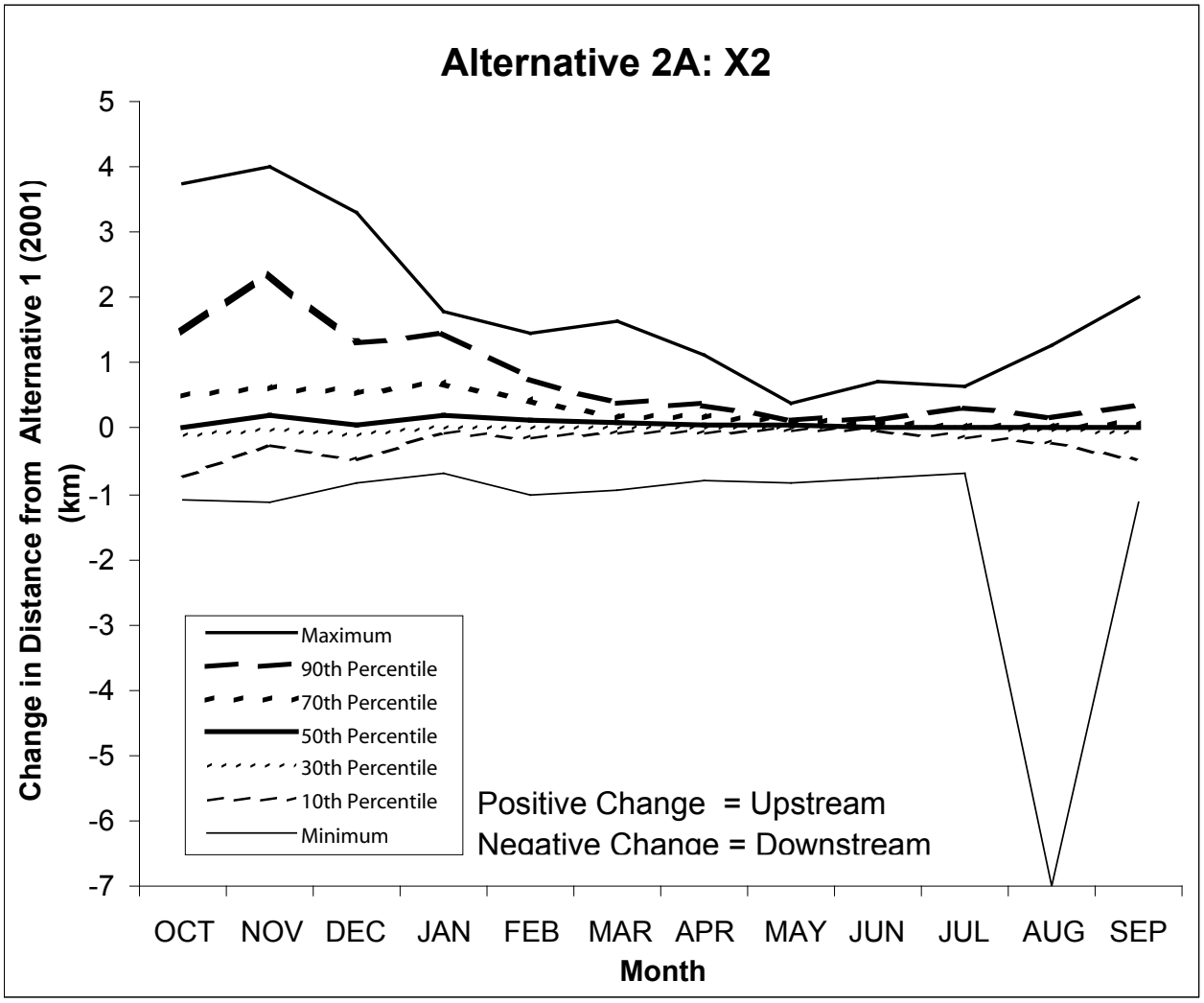

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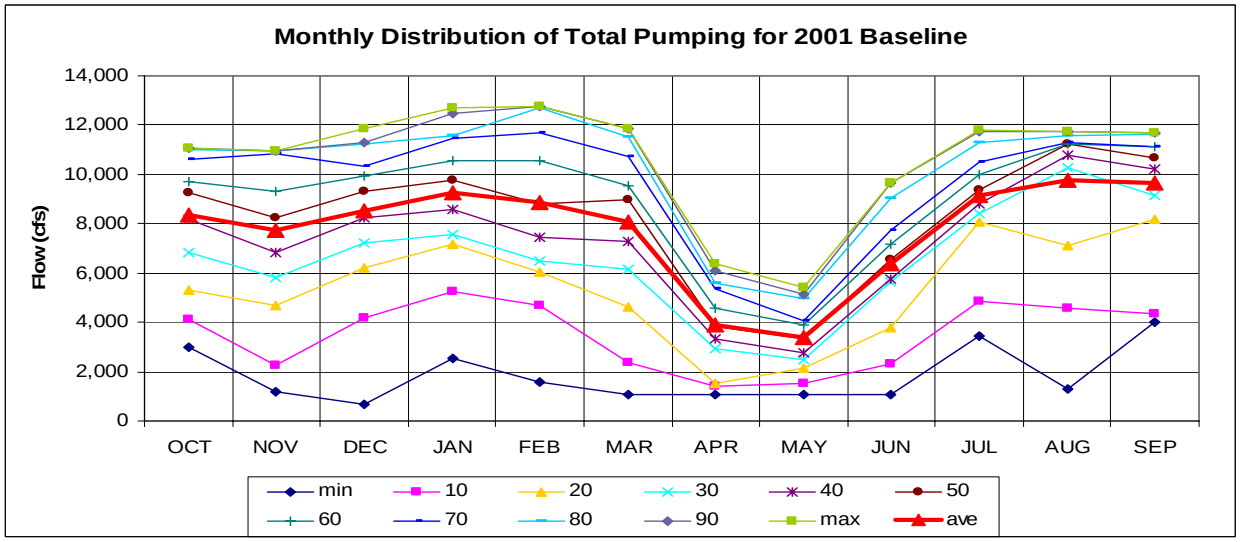
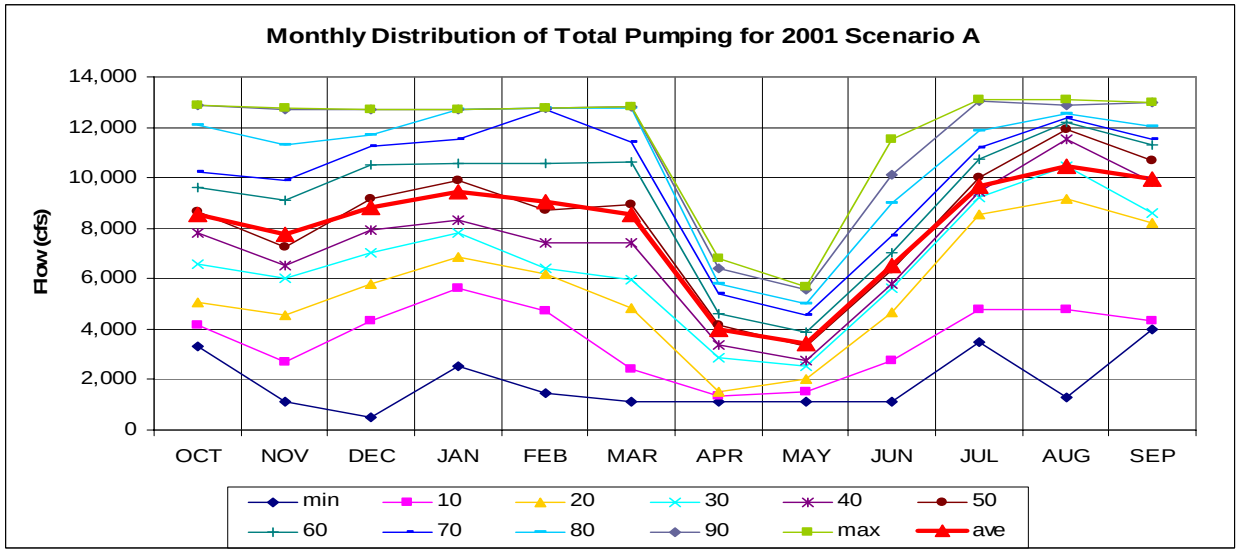
Figure 6.1-8
Comparison of X2 Location
under Alternative 1 and 2A, 1922–1994 Simulation





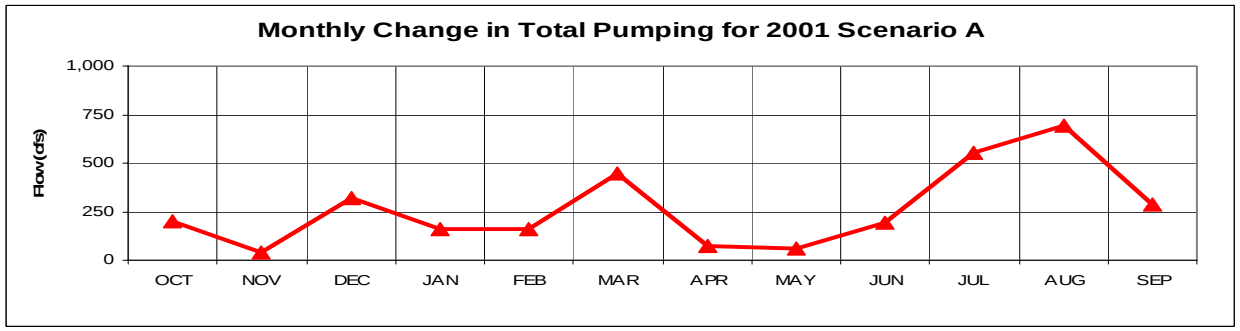


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Figure 6.1-9

Monthly Range (Percentiles) of Total CVP and SWP Pumping for 2001 Baseline and Alternative 2A, with Average Monthly Change for 1922–1994 Simulation

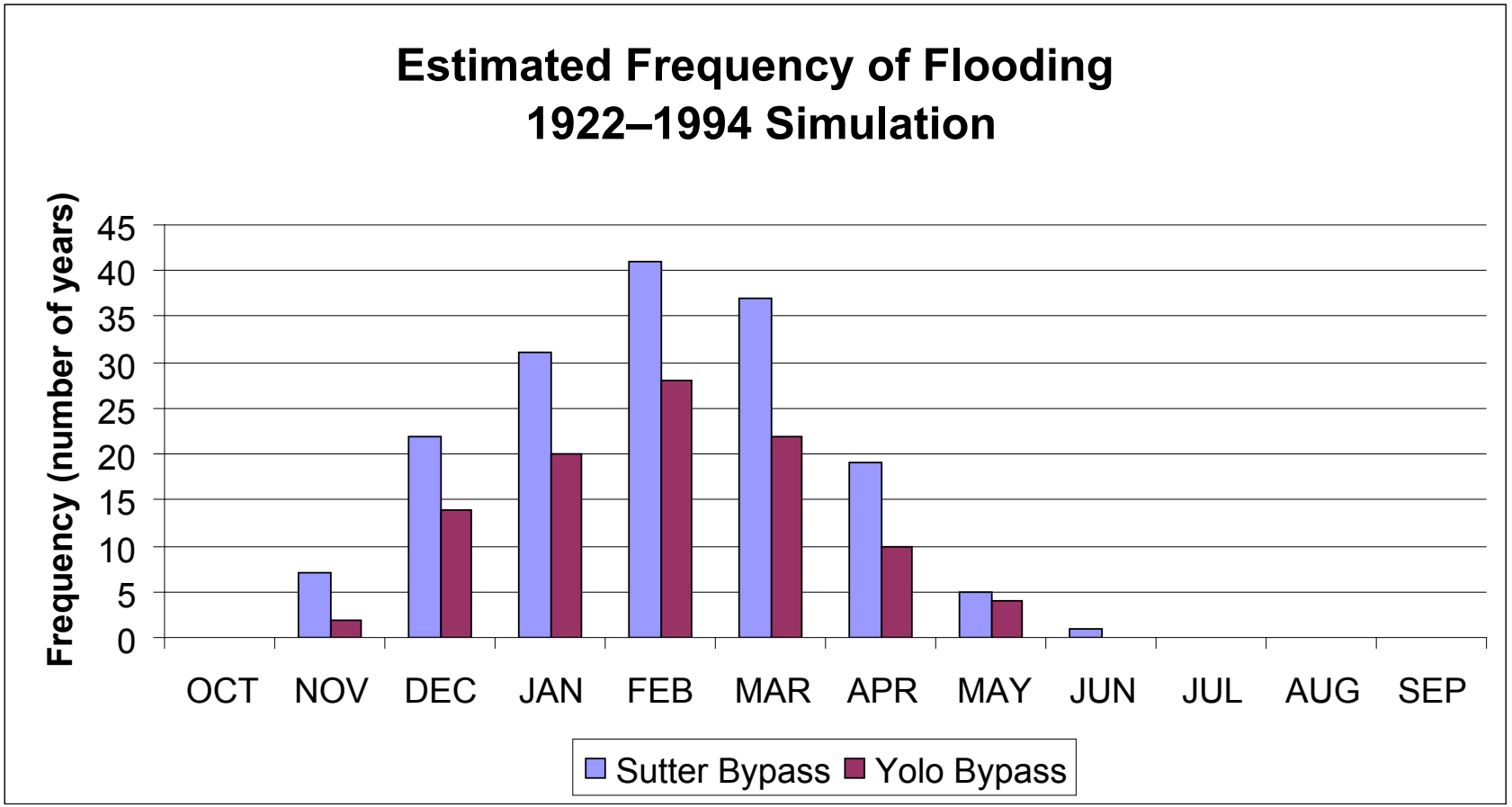

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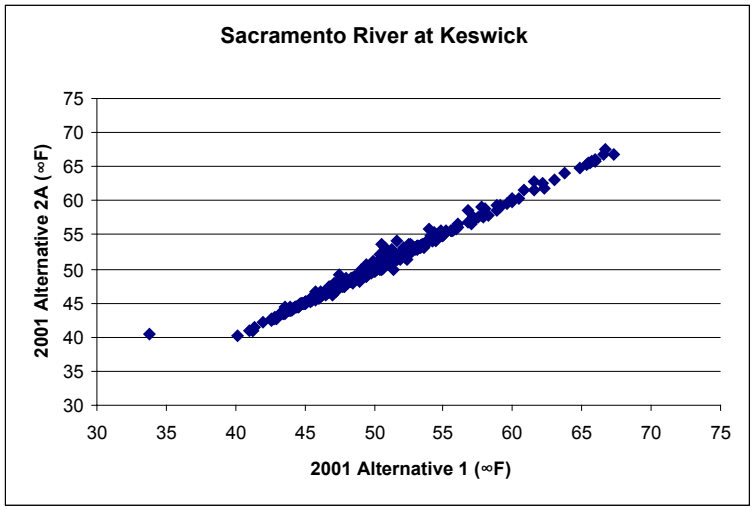
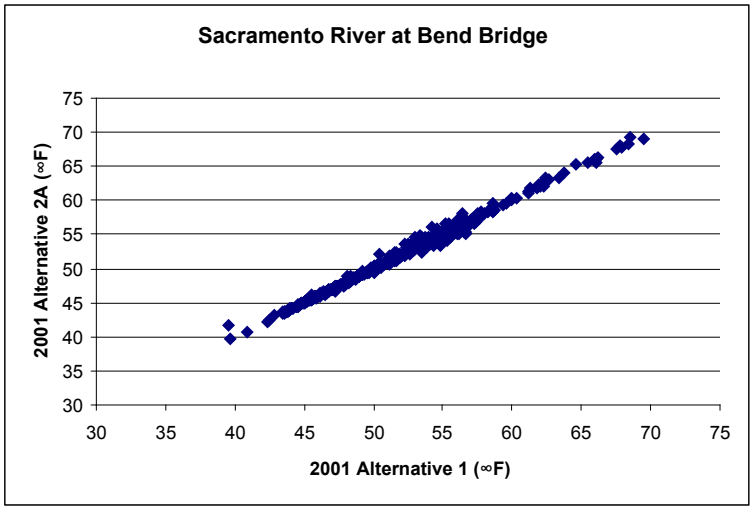
Figure 6.1-10
Estimated Frequency of Flooding in the Sutter and Yolo Bypasses, 1922–1994 Simulation





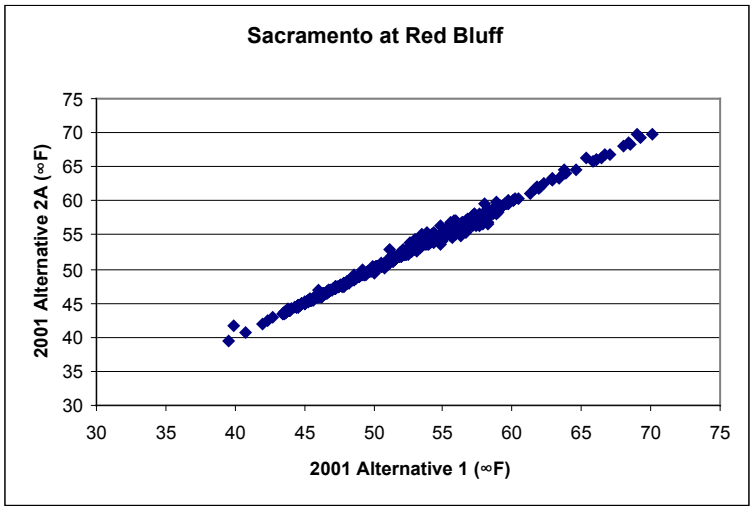


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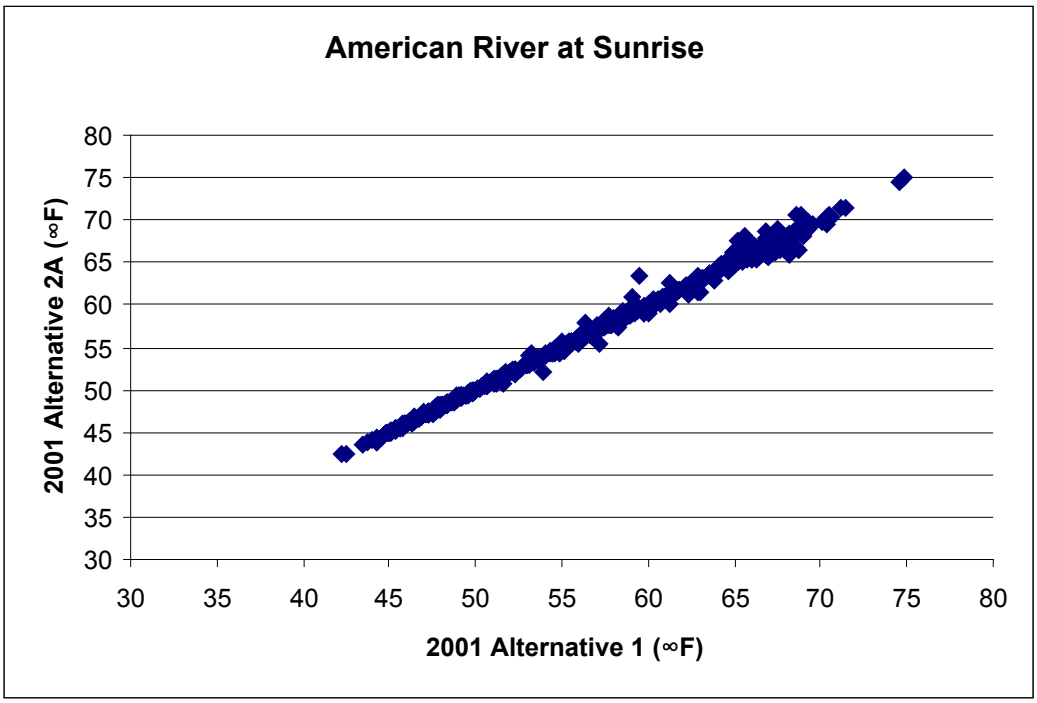
Figure 6.1-11
Comparison of Water Temperature under Alternative 2A at Keswick, Bend Bridge, and Red Bluff on the Sacramento River with Water Temperature under Alternative 1, 1922–1944 Simulation



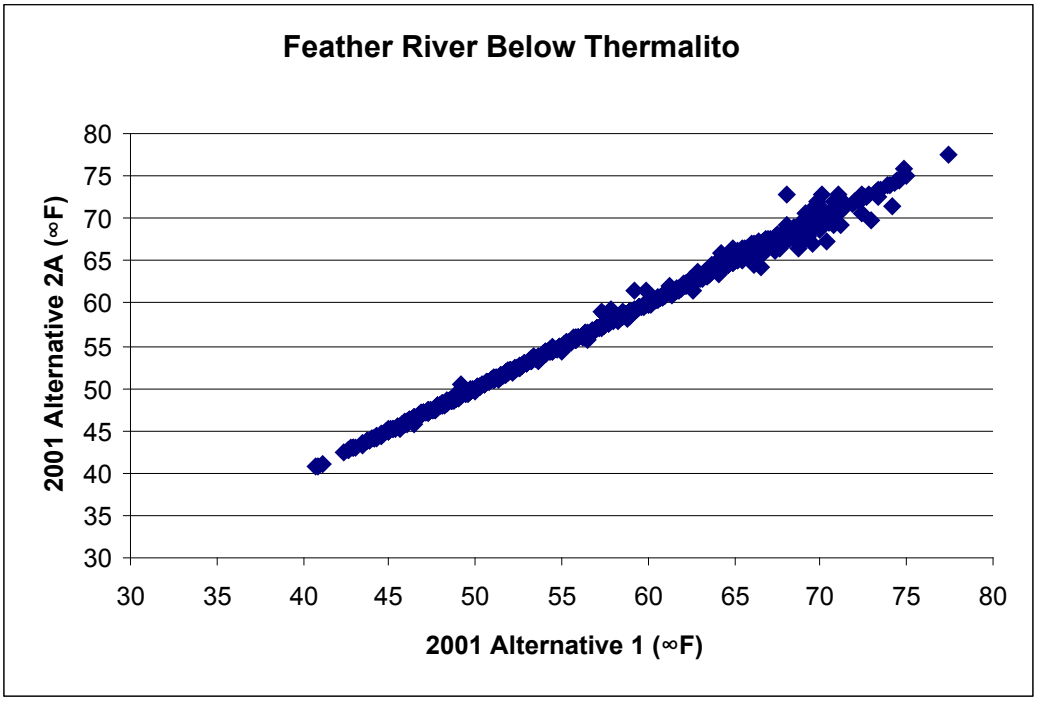


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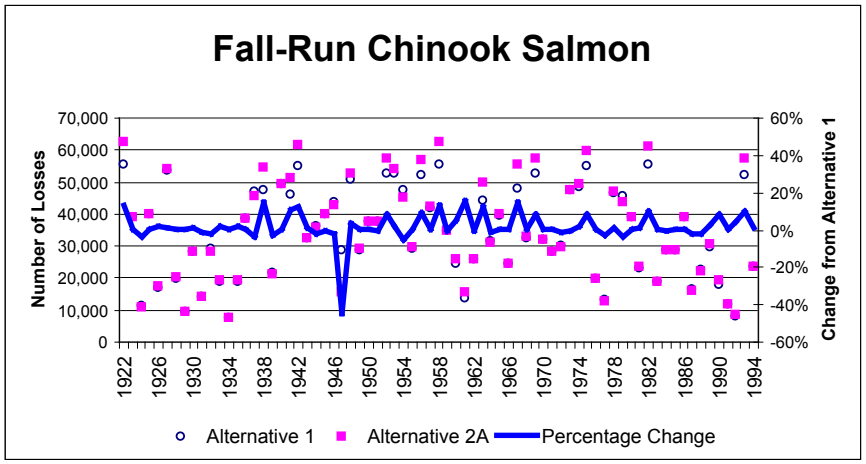
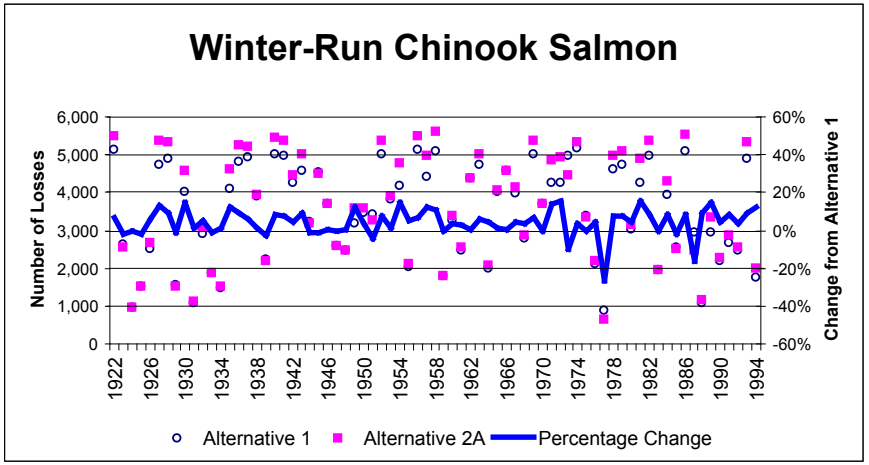
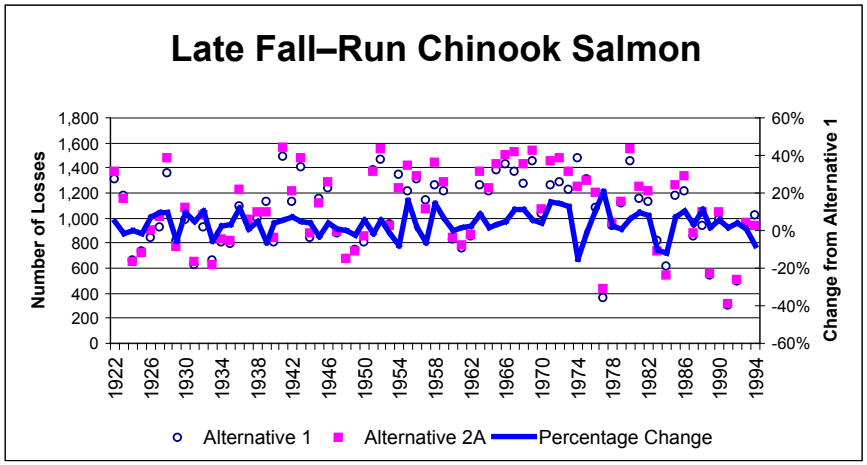
Figure 6.1-12
Comparison of Water Temperature under Alternative 2A on the Feather and American Rivers with Water Temperature under Alternative 1, 1922–1994 Simulation







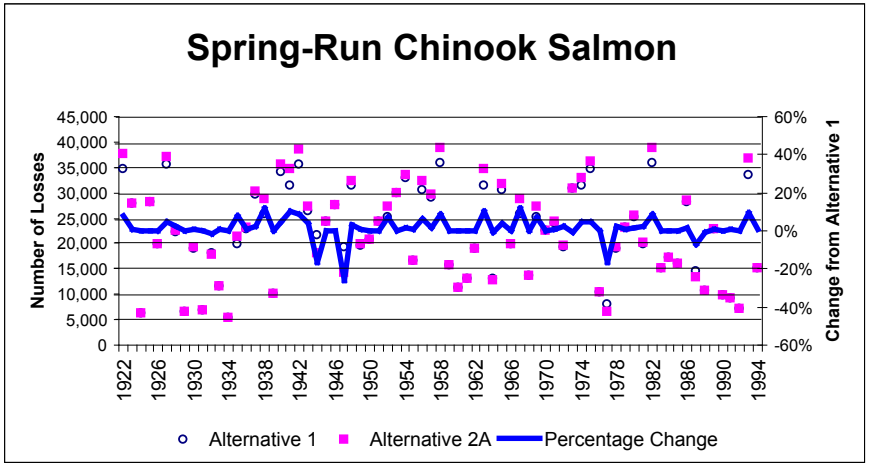


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Figure 6.1-13
Simulated Entrainment Loss for Fall-, Late Fall–, Winter-, and Spring-Run Chinook Salmon under Alternatives 1 and 2A, 1922–1994 Simulation

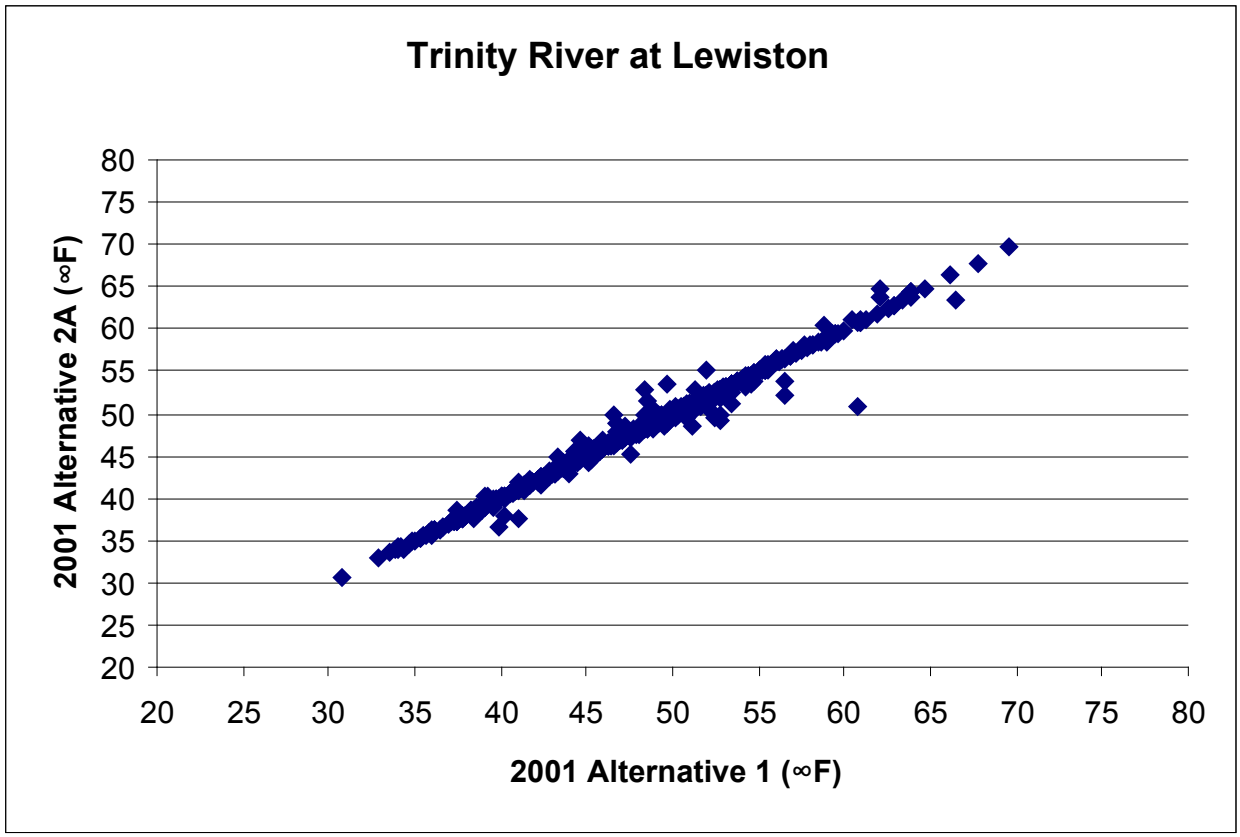

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Figure 6.1-14
Comparison of Water Temperature under Alternative 2A on the Trinity River with Water Temperature under Alternative 1, 1922–1994 Simulation

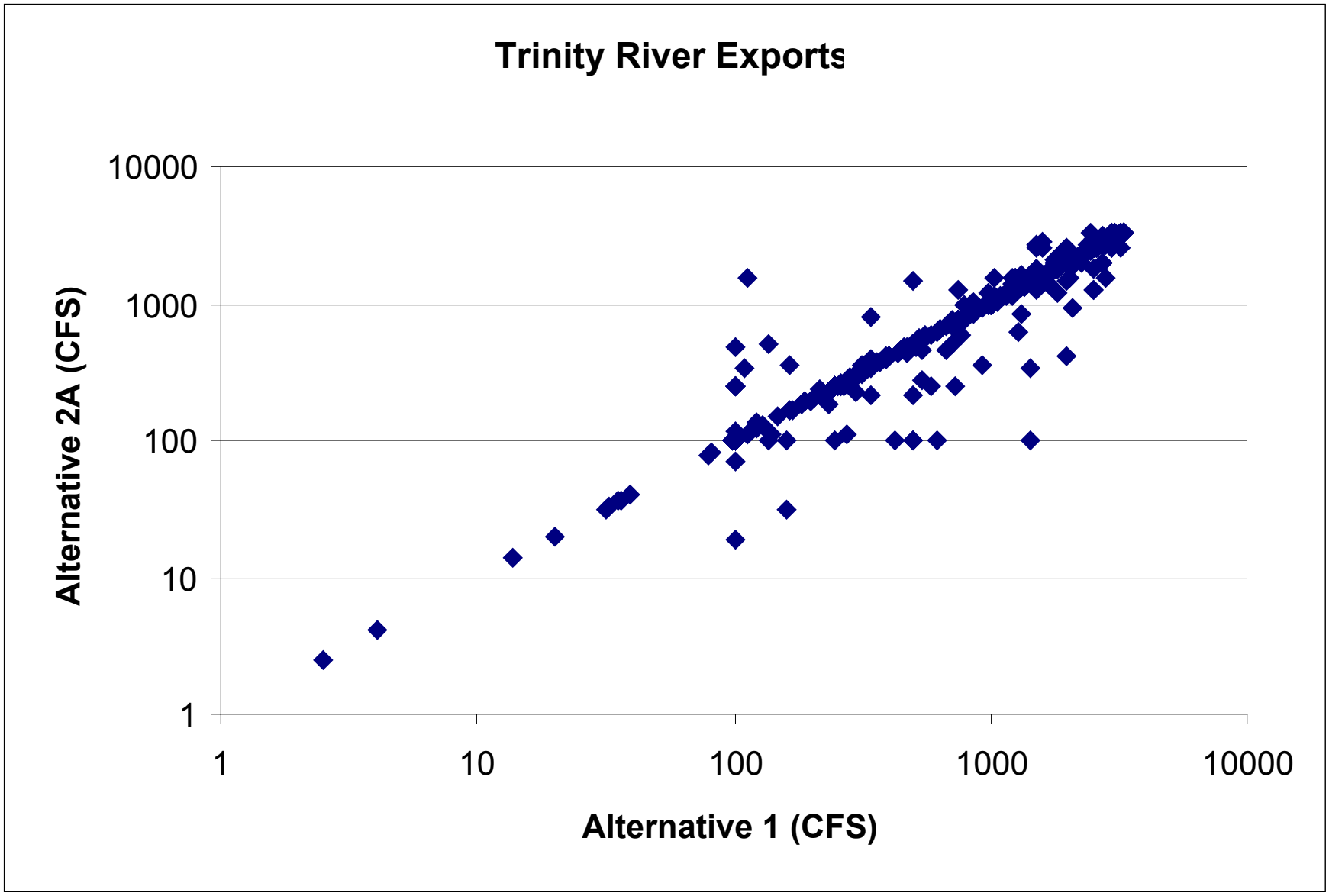

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Figure 6.1-15
Comparison of Water Exports from the Trinity River under Alternative 2A with Exports under Alternative 1, 1922–1994 Simulation

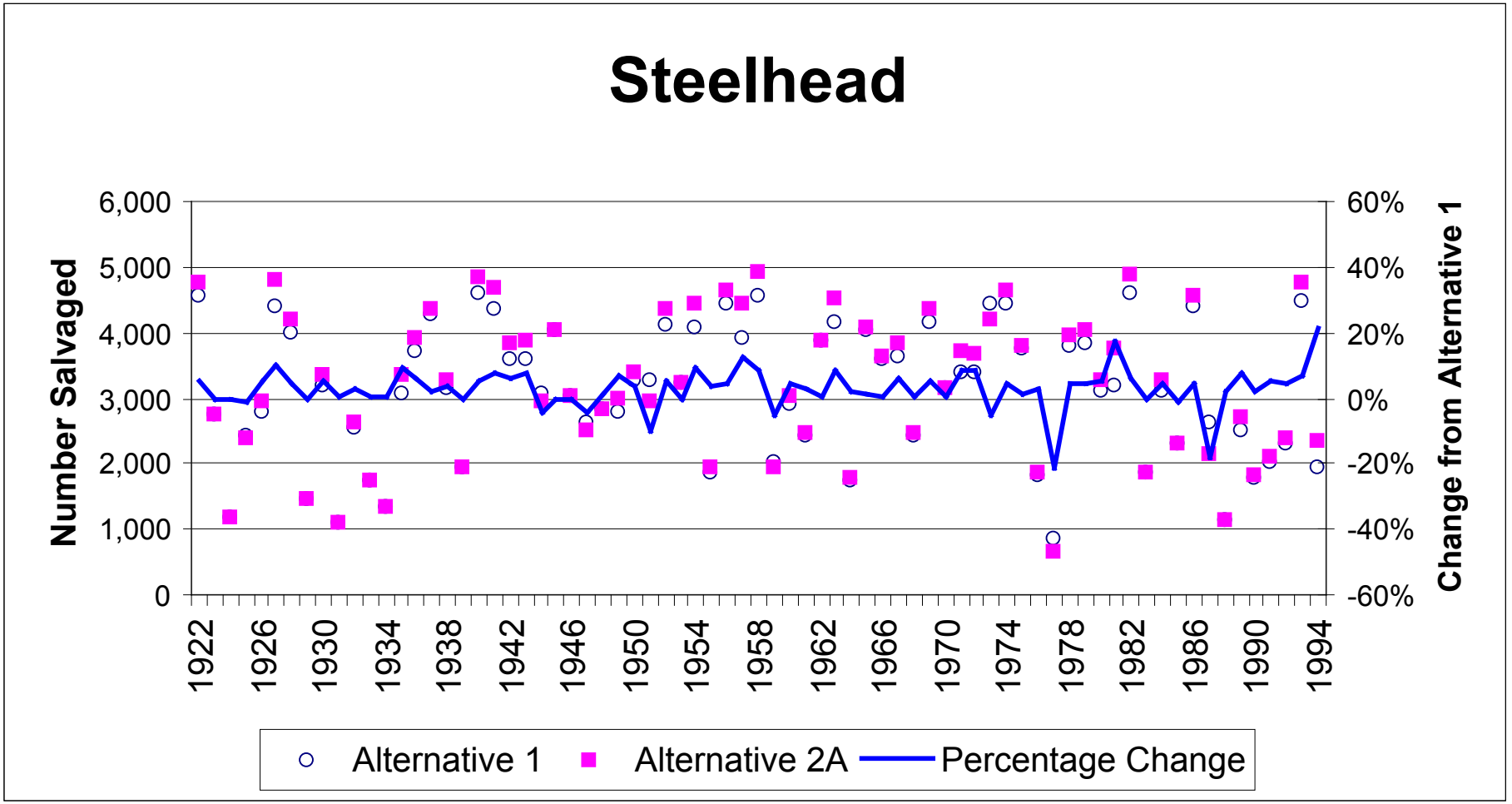

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Figure 6.1-16
Simulated Salvage for Steelhead under Alternatives 1 and 2A, 1922–1994 Simulation

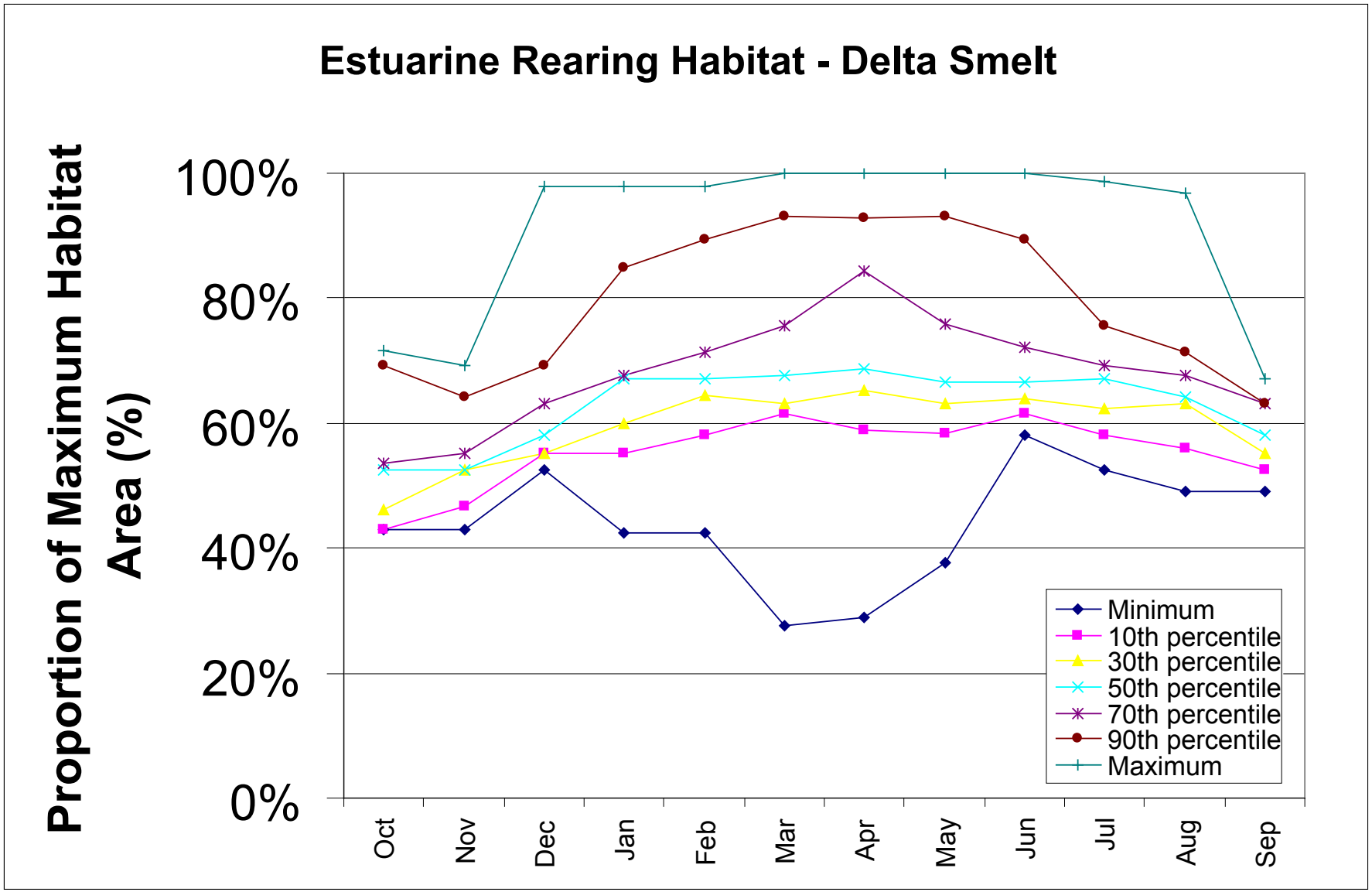

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Figure 6.1-17
Occurrence of Estuarine Rearing Habitat Area
(i.e., Proportion of Maximum Area) for Delta Smelt under Alternative 1, 1922–1994 Simulation

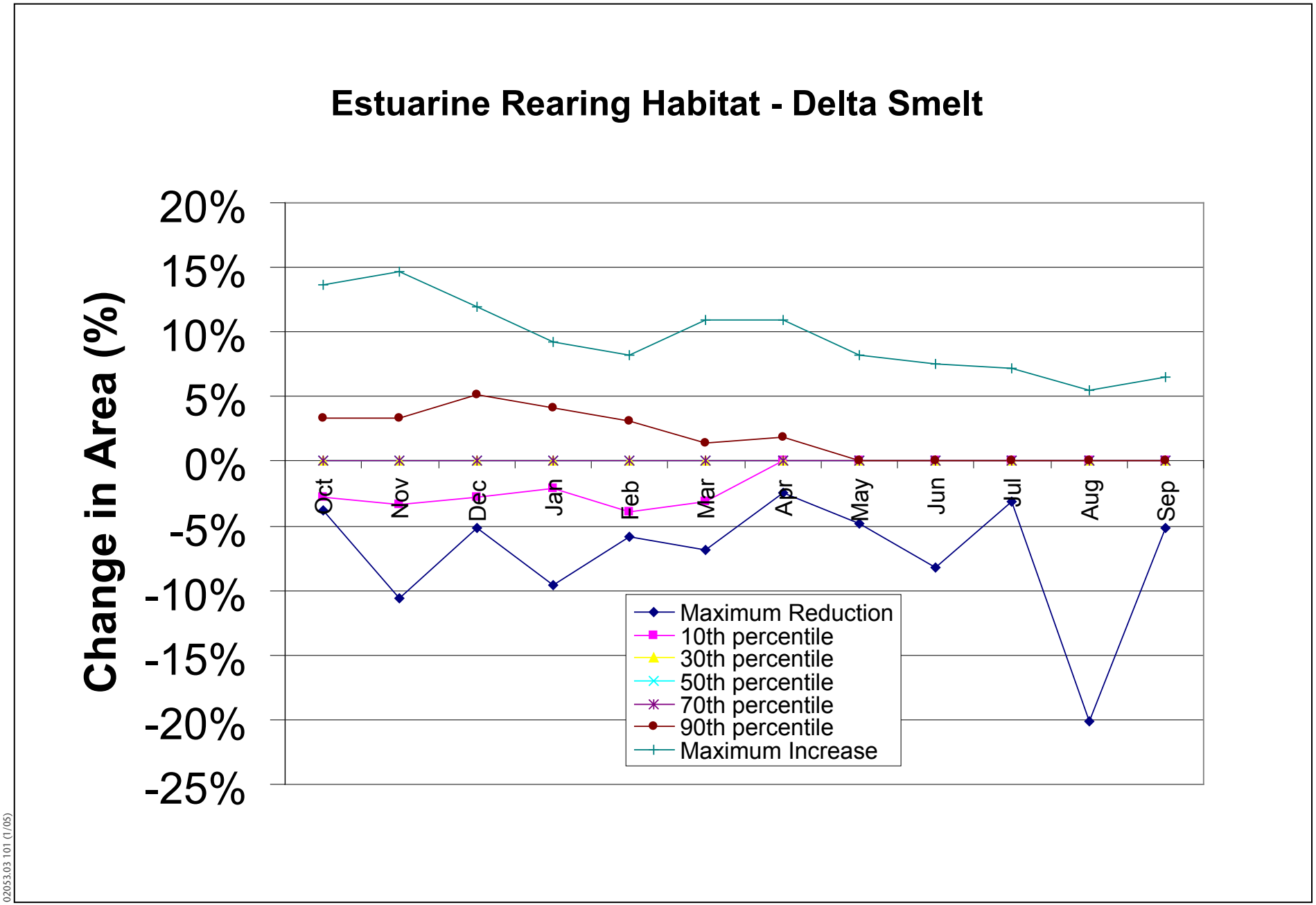

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Figure 6.1-18
Change in the Proportion of Estuarine Rearing Habitat Area, Relative to Alternative 1, for Delta Smelt under Alternative 2A, 1922–1994 Simulation

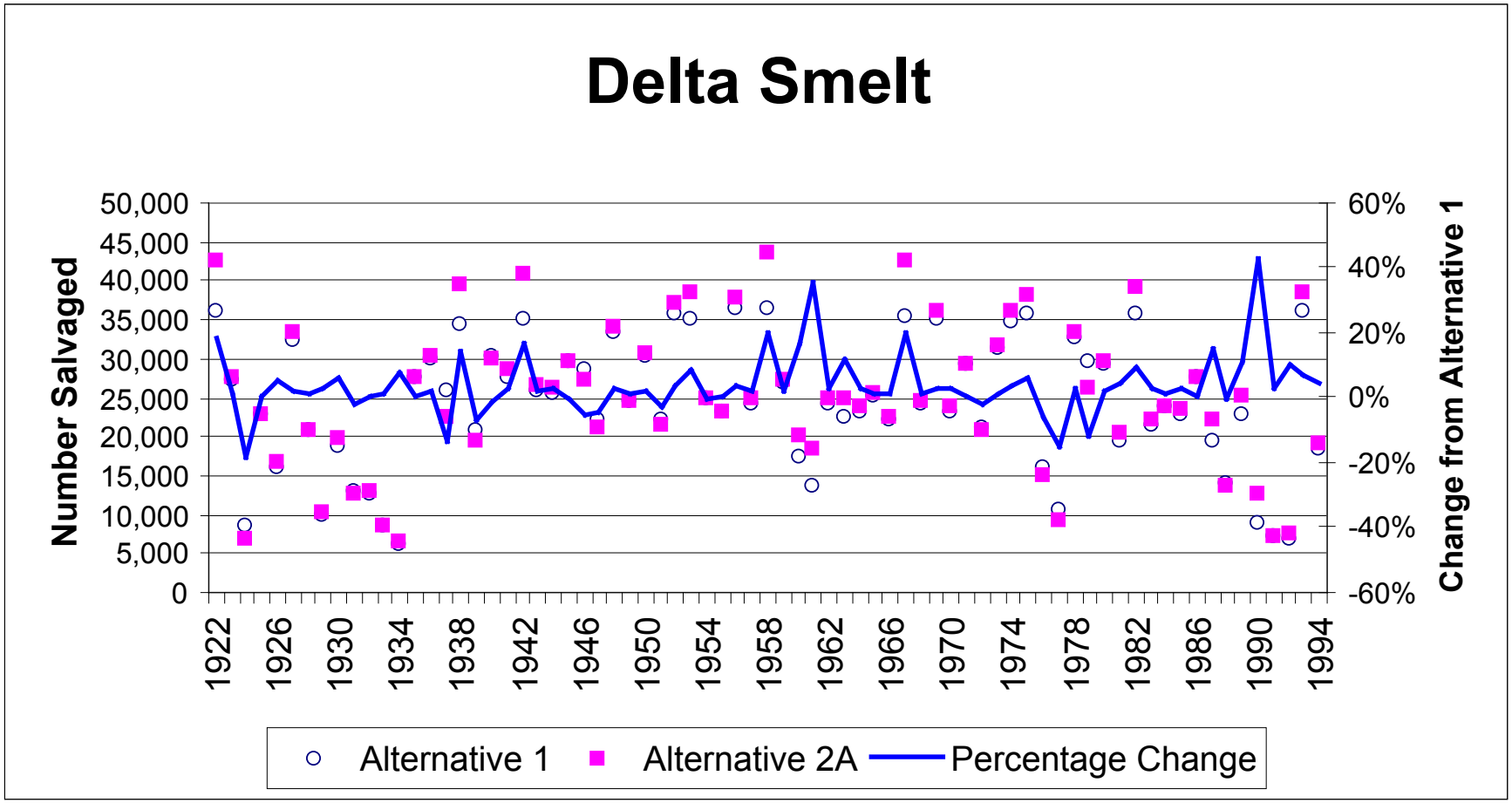

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Figure 6.1-19
Simulated Salvage for Delta Smelt under Alternatives 1 and 2A, 1922–1994 Simulation

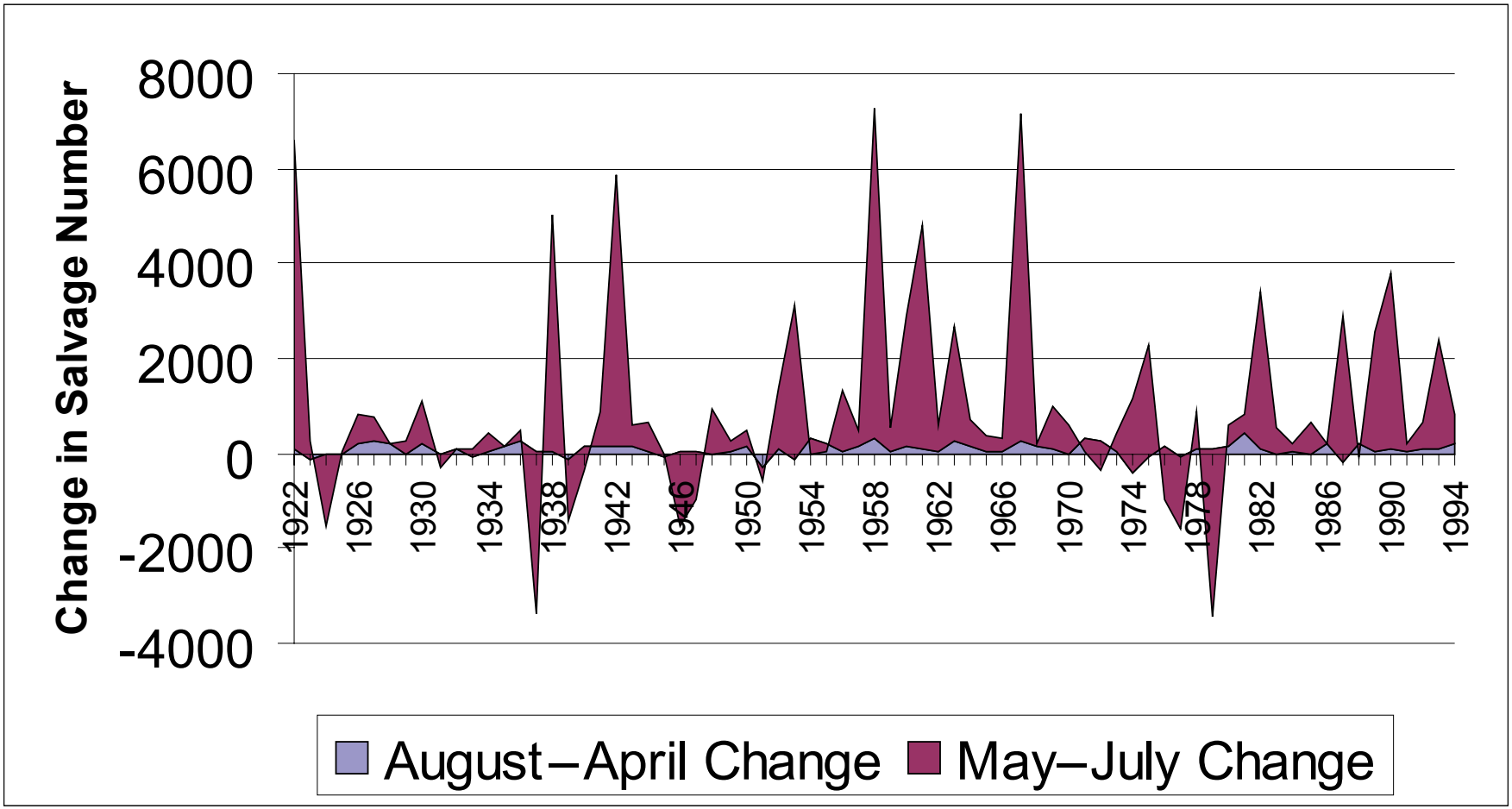

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Figure 6.1-20
Annual Increase in Delta Smelt Salvage for June and July–May Periods, 1922–1994 Simulation for Alternative 2A

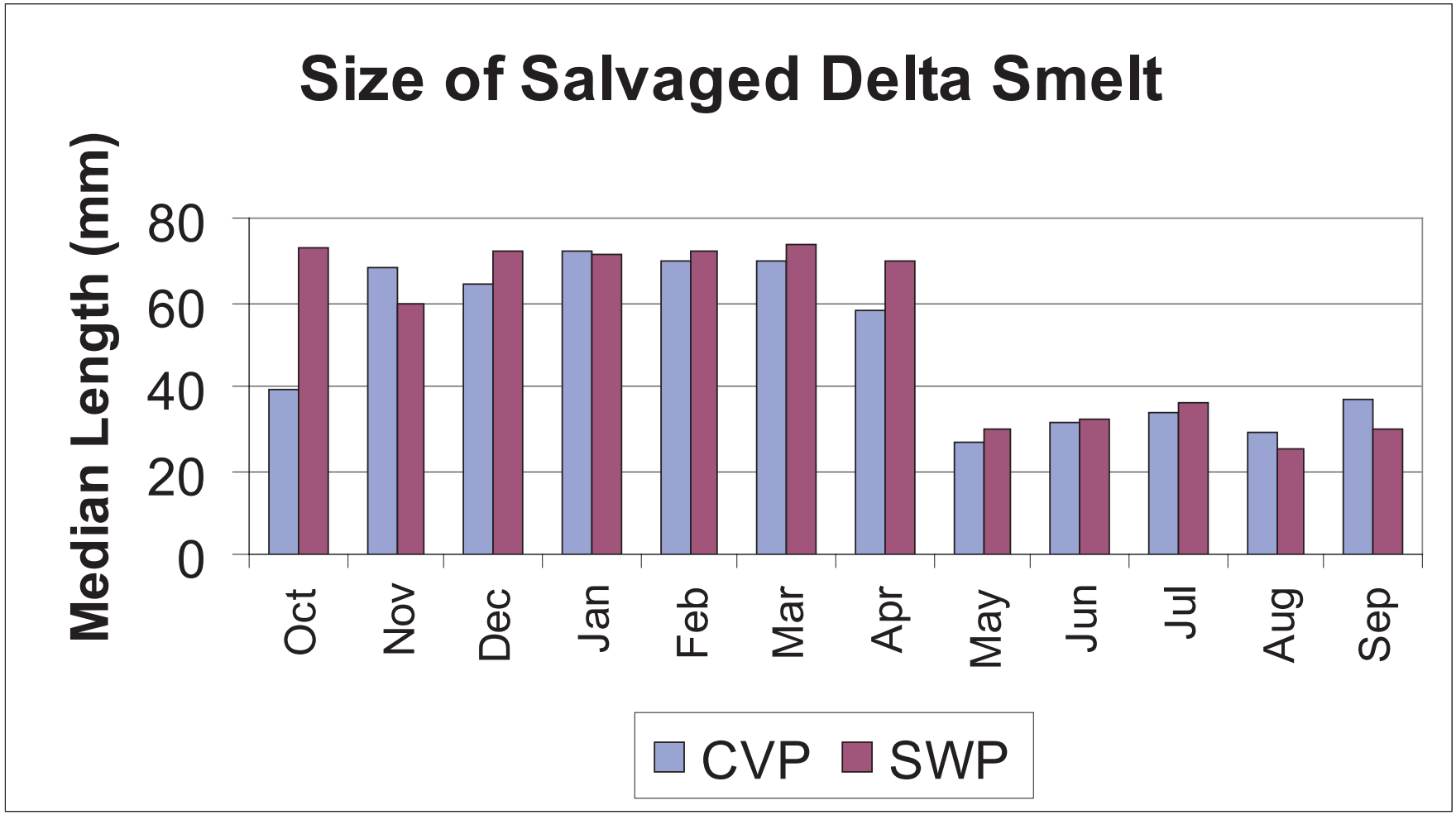

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Figure 6.1-21
Monthly Median Size of Delta Smelt Salvaged at the SWP and CVP Fish Facilities, 1980–2002 Historic Data

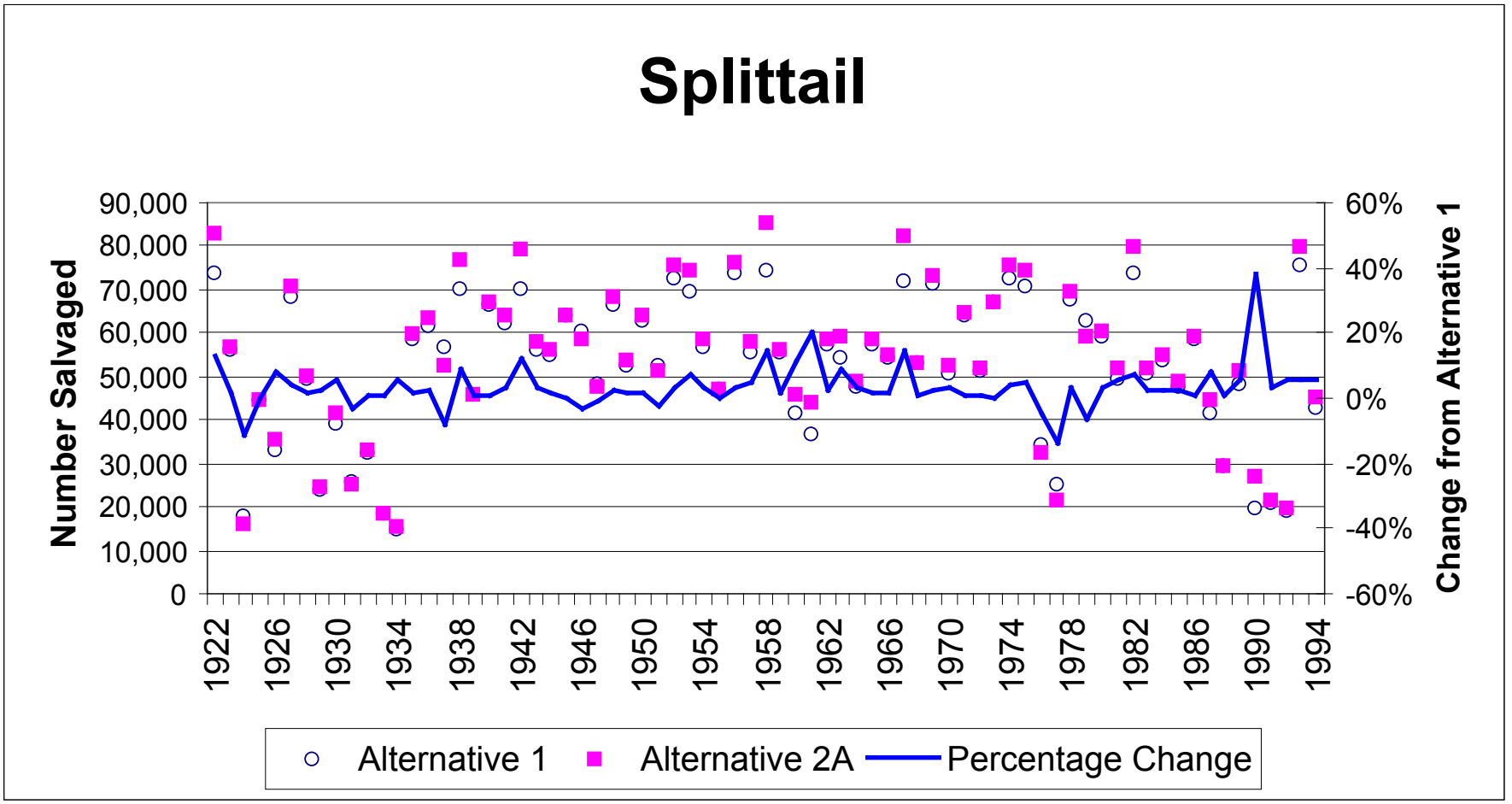

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Figure 6.1-22
Simulated Salvage for Splittail under Alternatives 1 and 2A, 1922–1994 Simulation

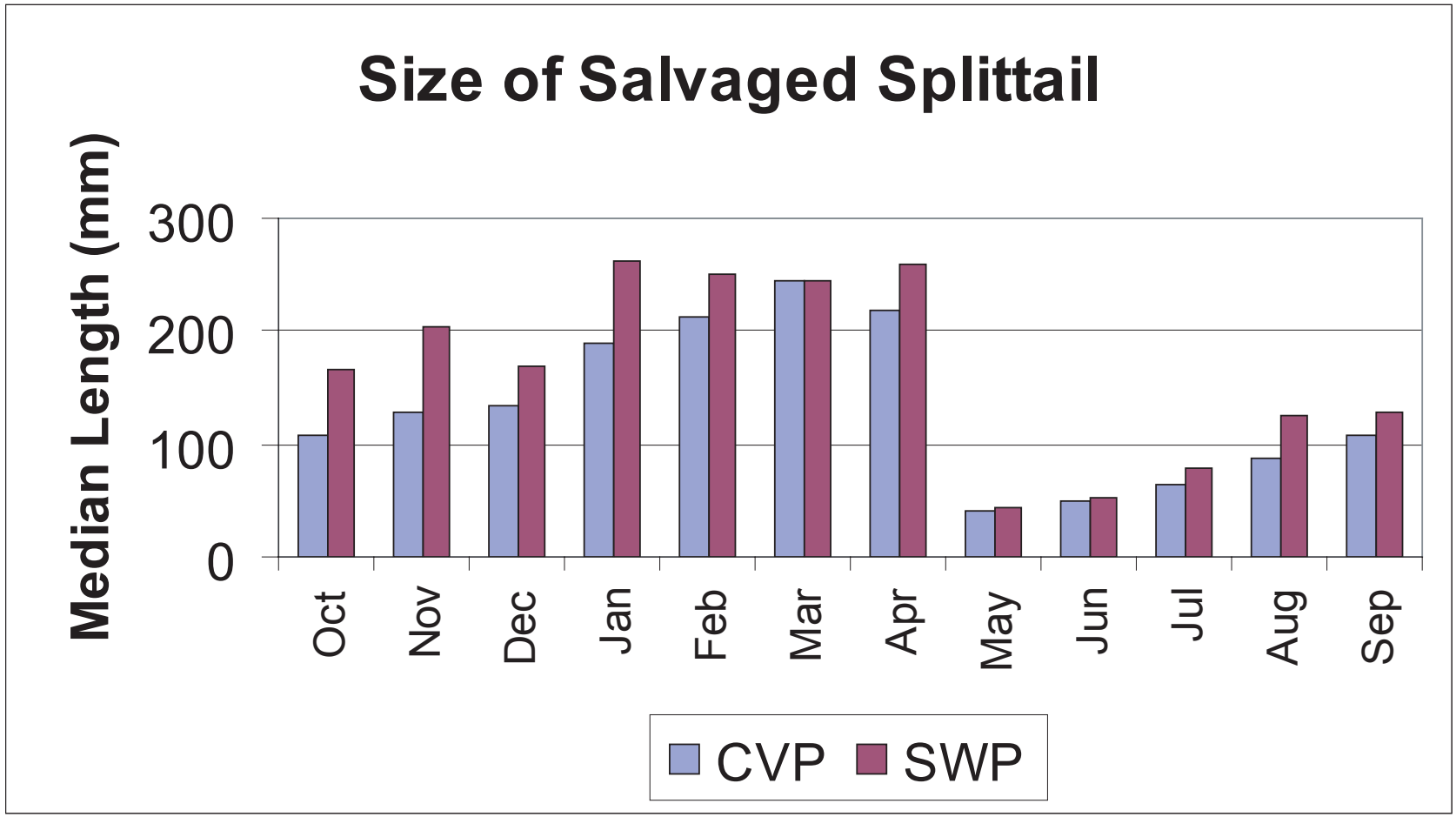

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Figure 6.1-23
Monthly Median Size of Splittail Salvaged at the SWP and CVP Fish Facilities, 1980–2002 Historic Data

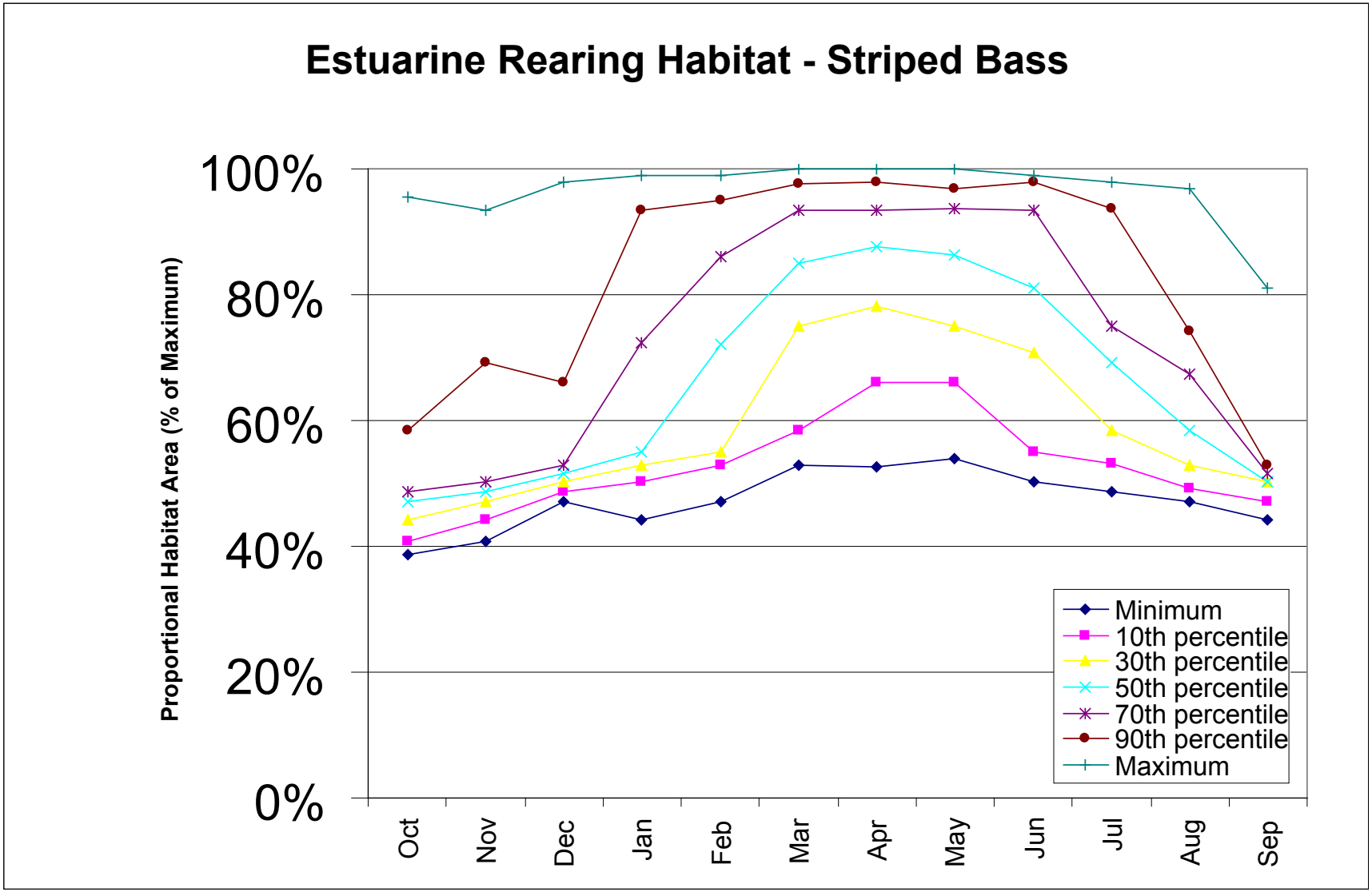

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Figure 6.1-24
Occurrence of Proportional Estuarine Rearing Habitat Area for Striped Bass under Alternative 1, 1922–1994 Simulation

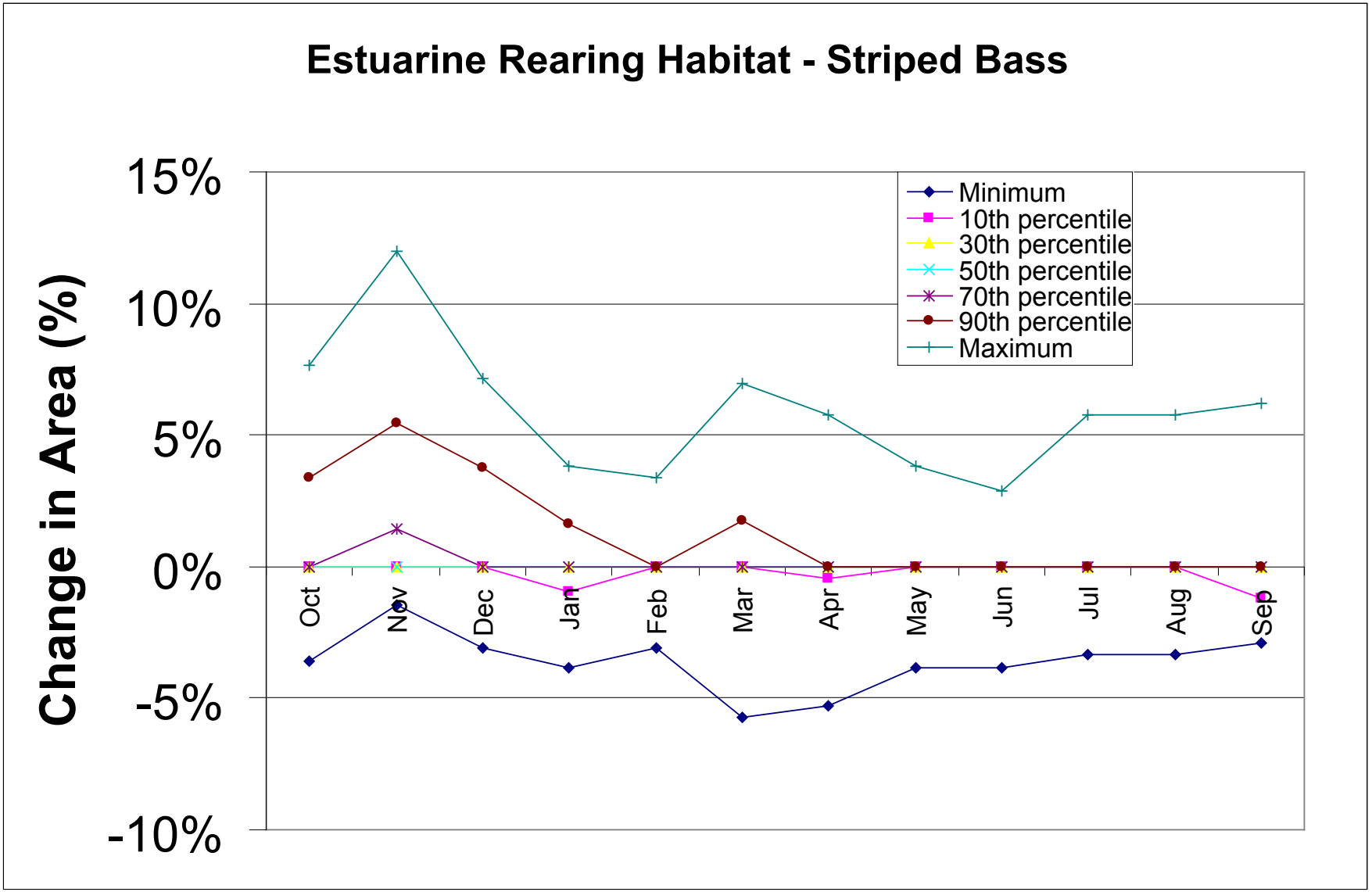

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Figure 6.1-25
Change in the Proportion of Estuarine Rearing Habitat Area, Relative to Alternative 1, for Striped Bass under Alternative 2A, 1922–1994 Simulation

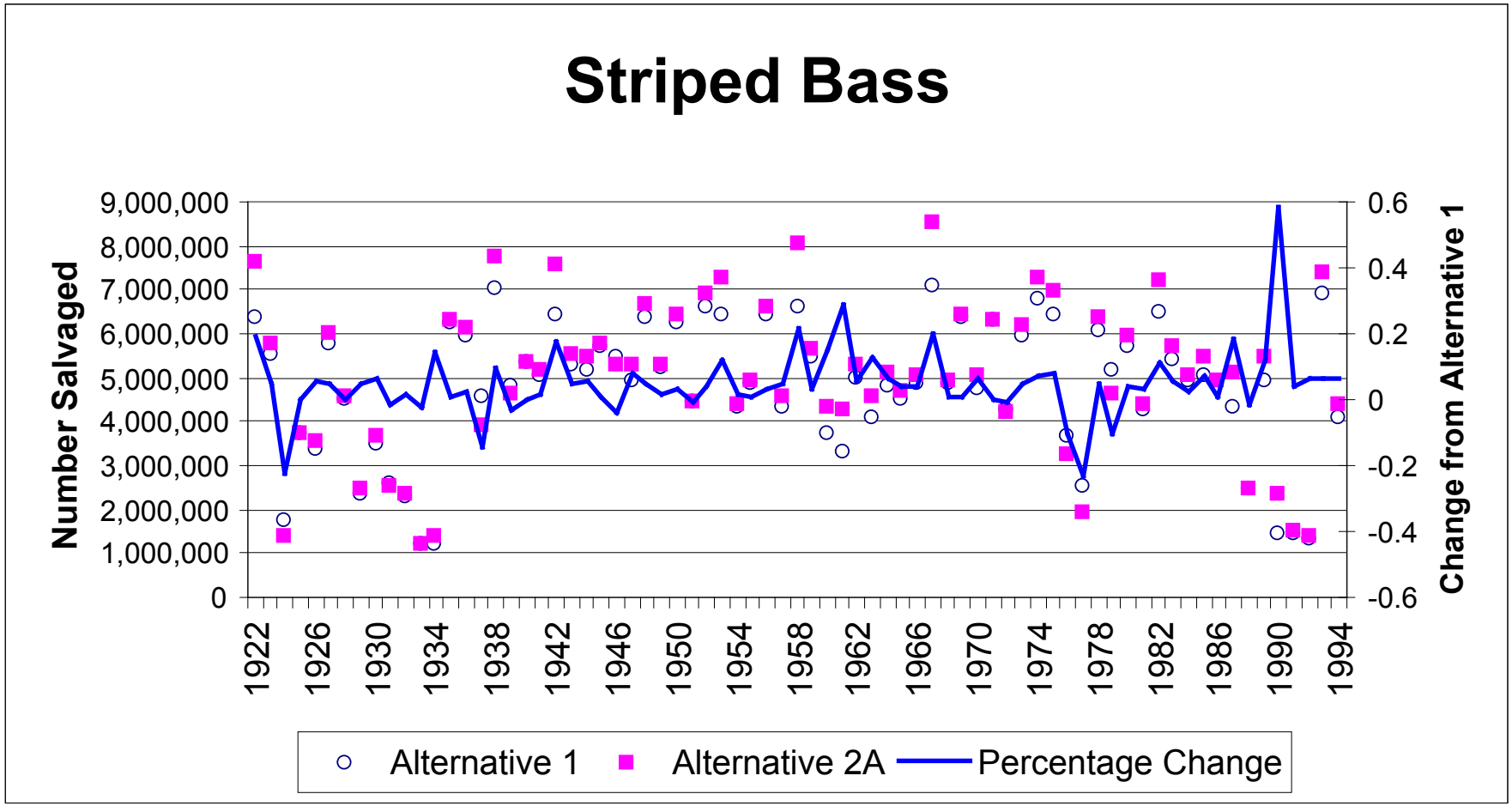

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Figure 6.1-26
Simulated Salvage for Striped Bass under Alternatives 1 and 2A, 1922–1994 Simulation

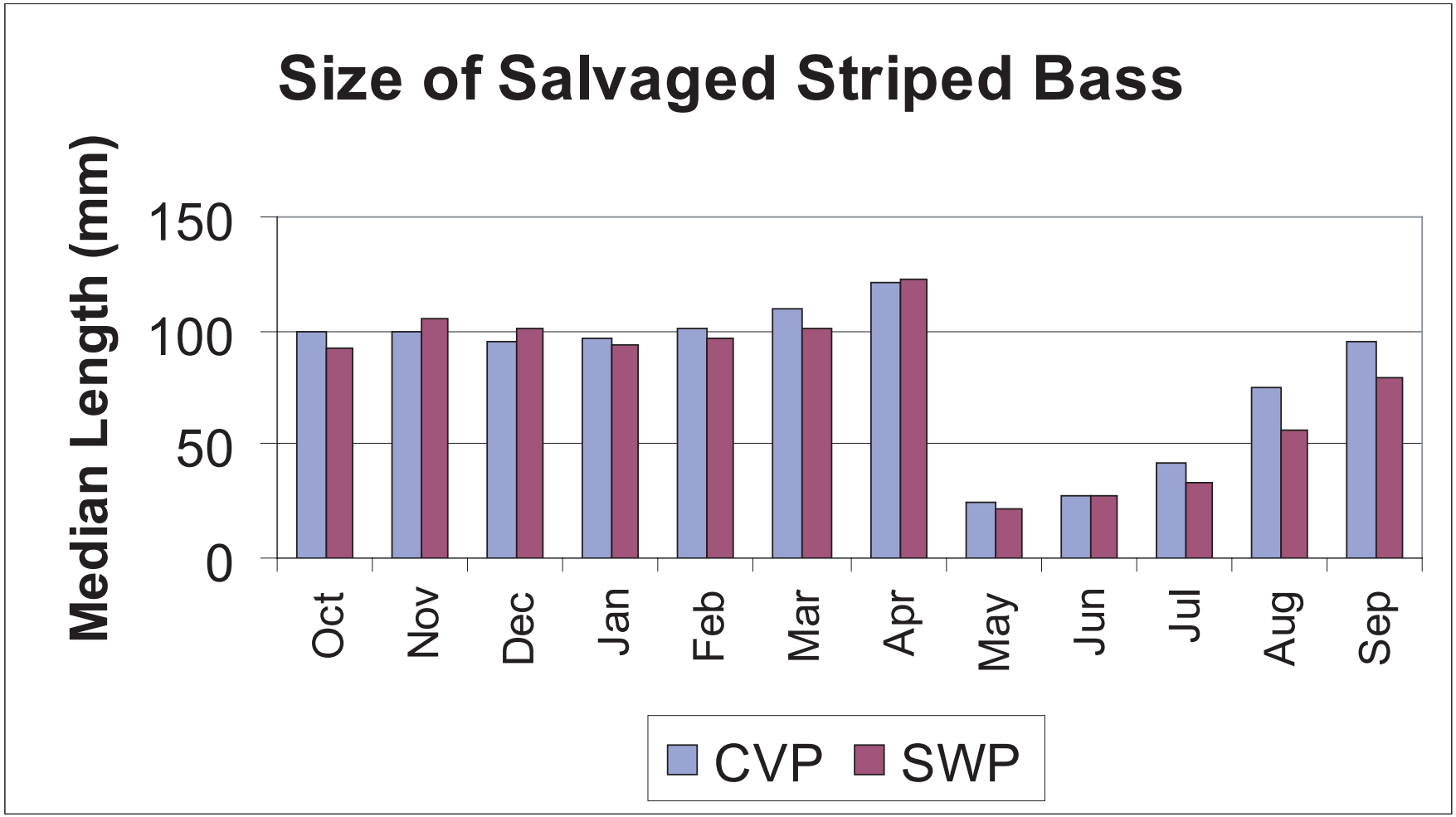

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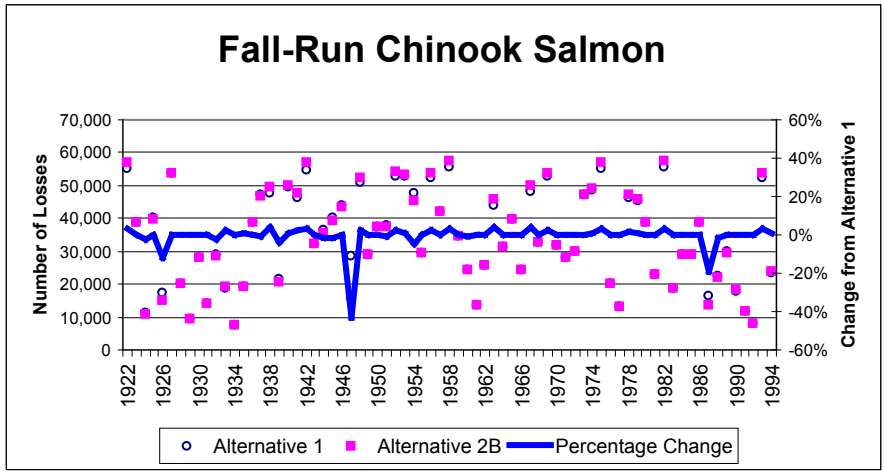
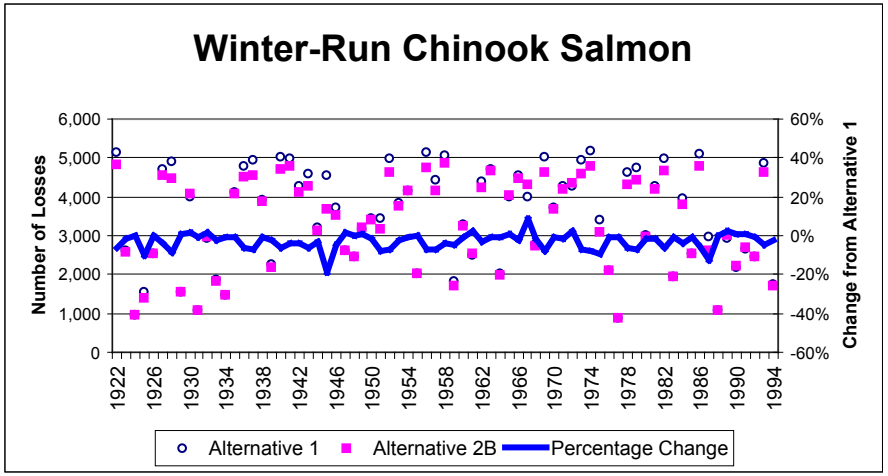
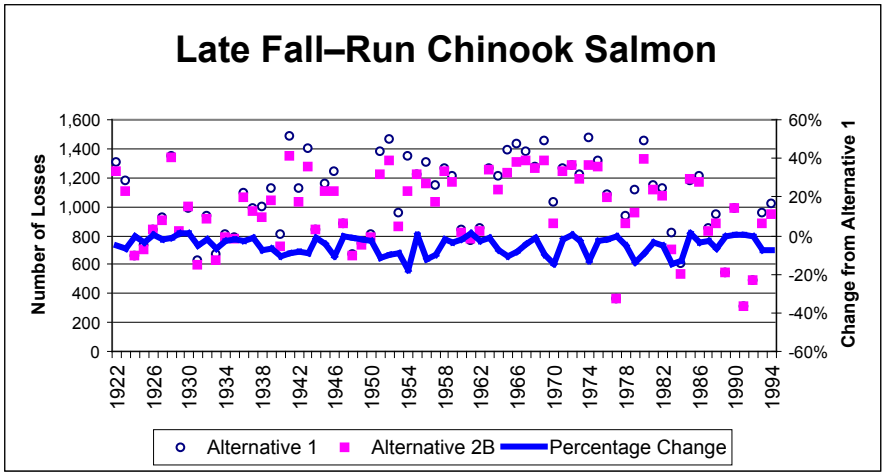
Figure 6.1-27
Monthly Median Size of Striped Bass Salvaged at the SWP and CVP Fish Facilities, 1980–2002 Historic Data







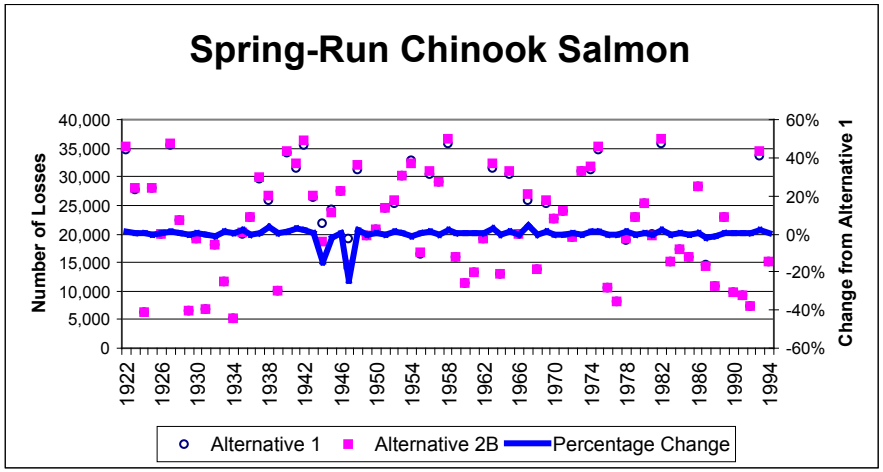


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Figure 6.1-28
Simulated Entrainment Loss for Fall-, Late Fall–, Winter-, and Spring-Run Chinook Salmon under Alternatives 1 and 2B, 1922–1994 Simulation

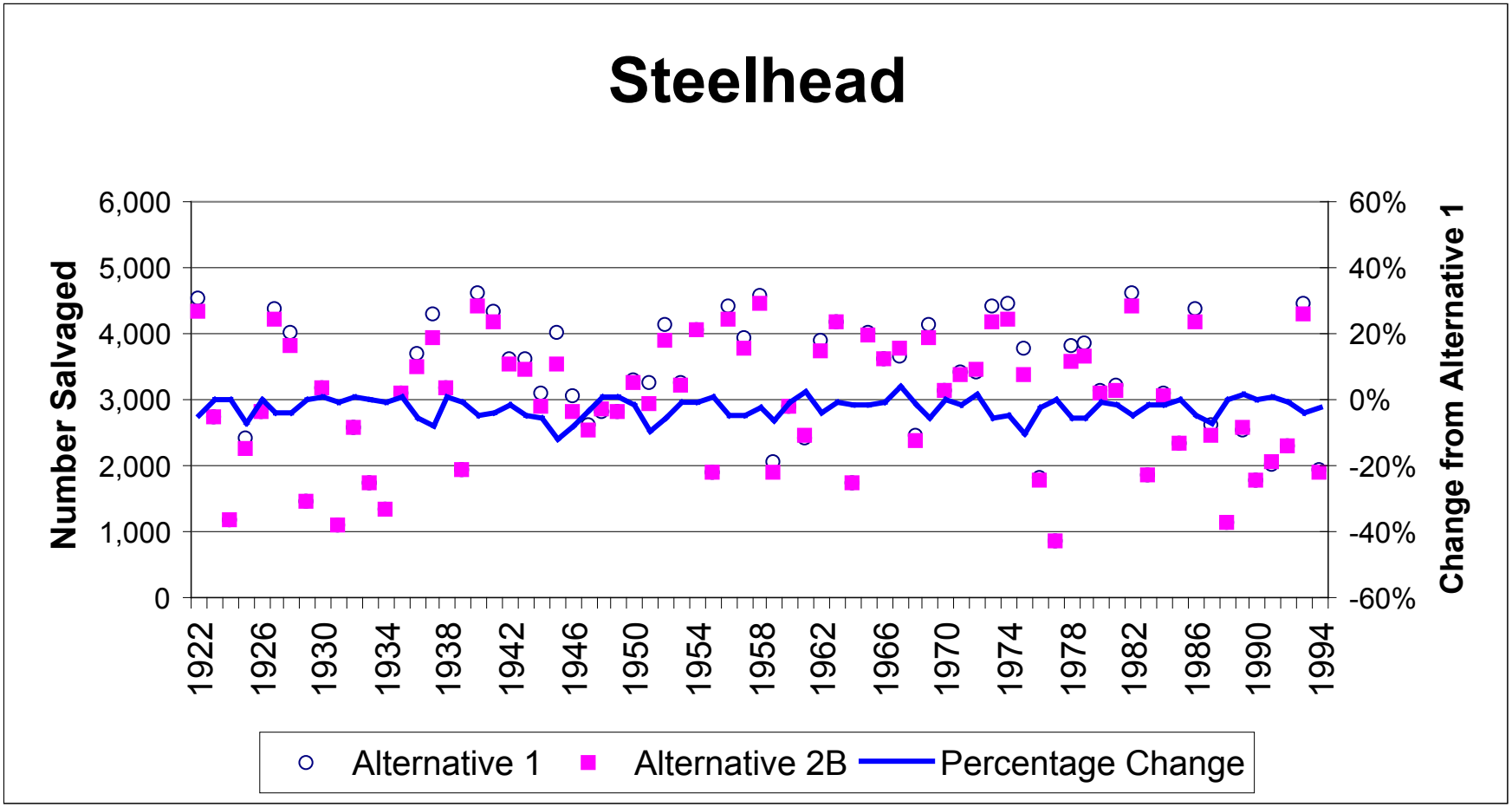

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Figure 6.1-29
Simulated Salvage for Steelhead under Alternatives 1 and 2B, 1922–1994 Simulation

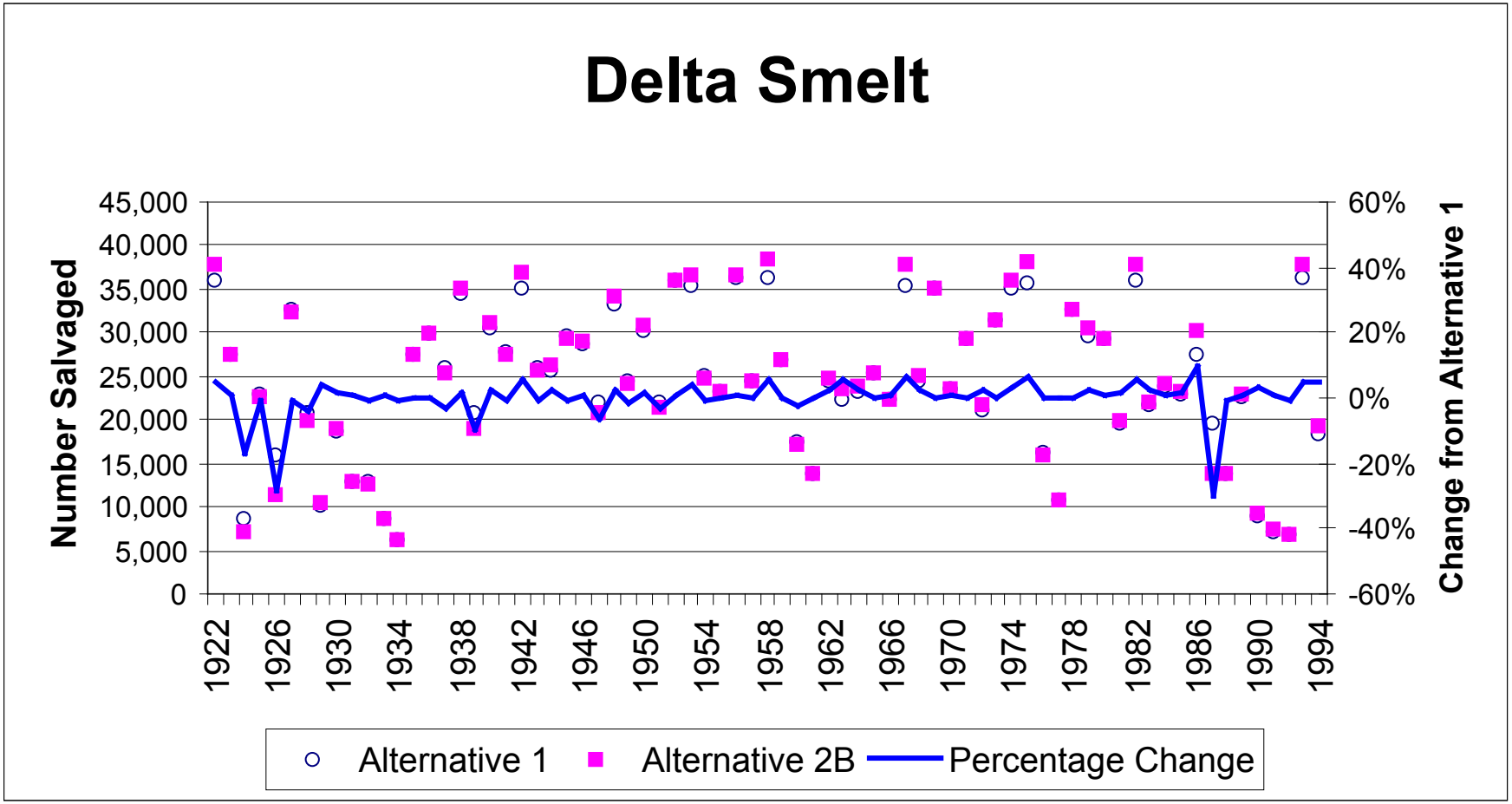

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Figure 6.1-30
Simulated Salvage for Delta Smelt under Alternatives 1 and 2B, 1922–1994 Simulation

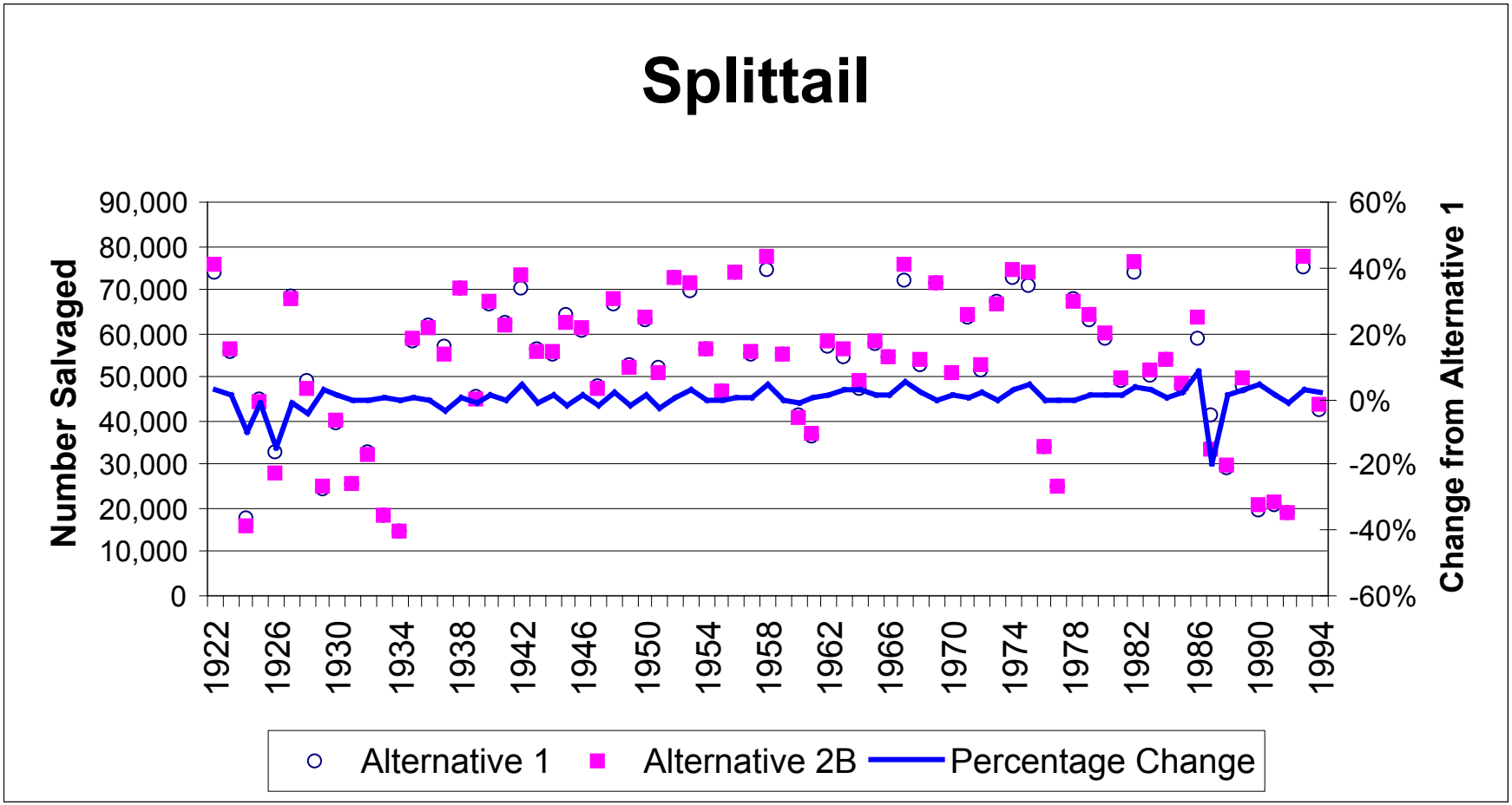

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Figure 6.1-31
Simulated Salvage for Splittail under Alternatives 1 and 2B, 1922–1994 Simulation

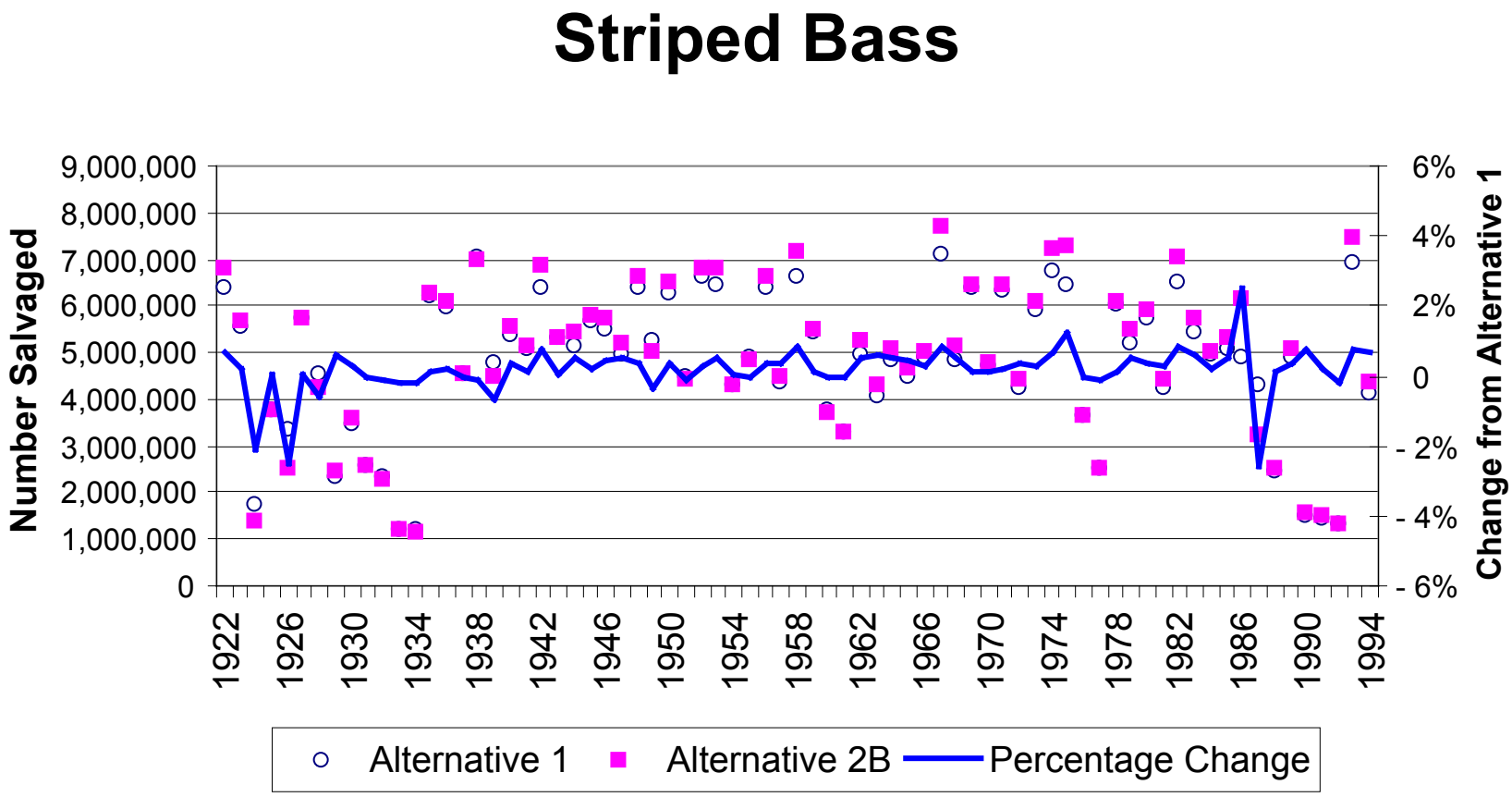

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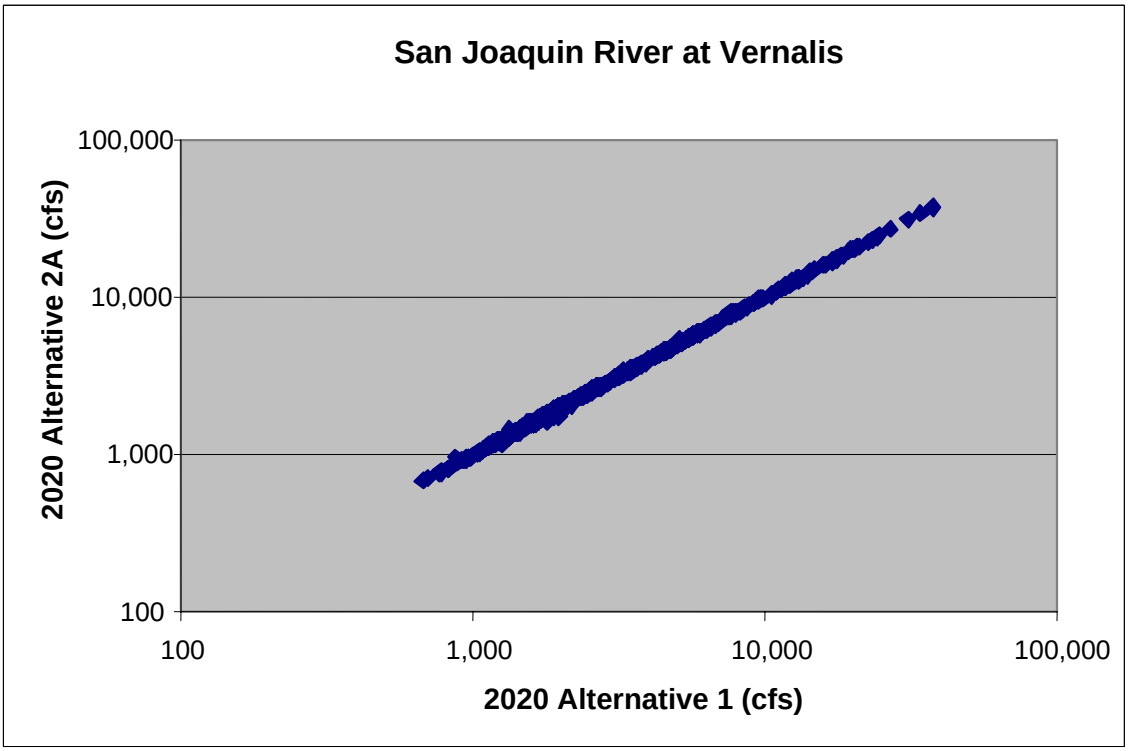
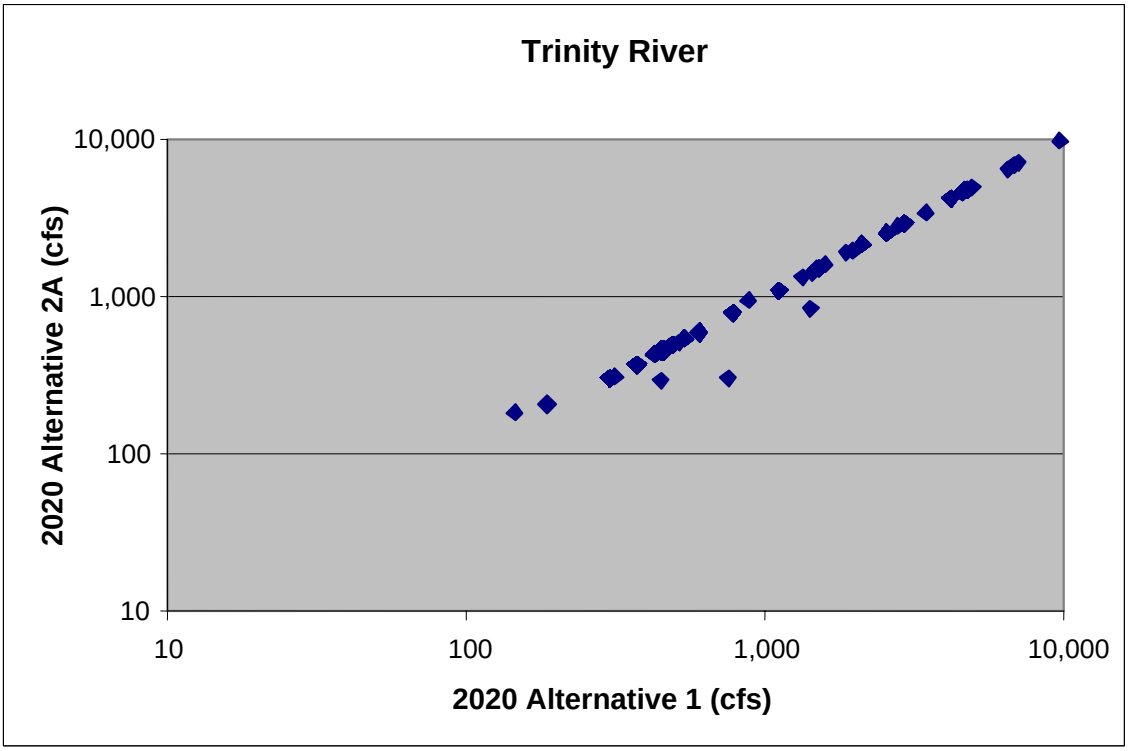
Figure 6.1-32
Simulated Salvage for Striped Bass under Alternatives 1 and 2B, 1922–1994 Simulation





Note: Points that fall above the 45° diagonal indicate flows higher than Alternative 1. Points that fall below indicate flows lower than Alternative 1. Points on the diagonal line indicate that flows are the same as under Alternative 1.

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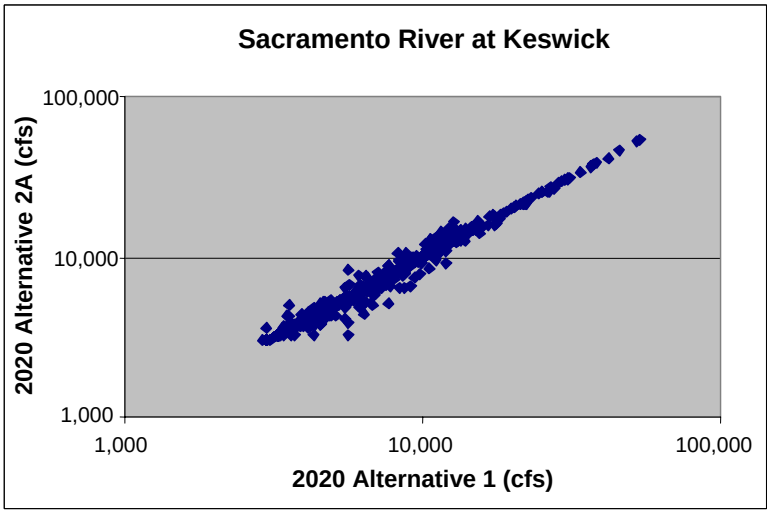
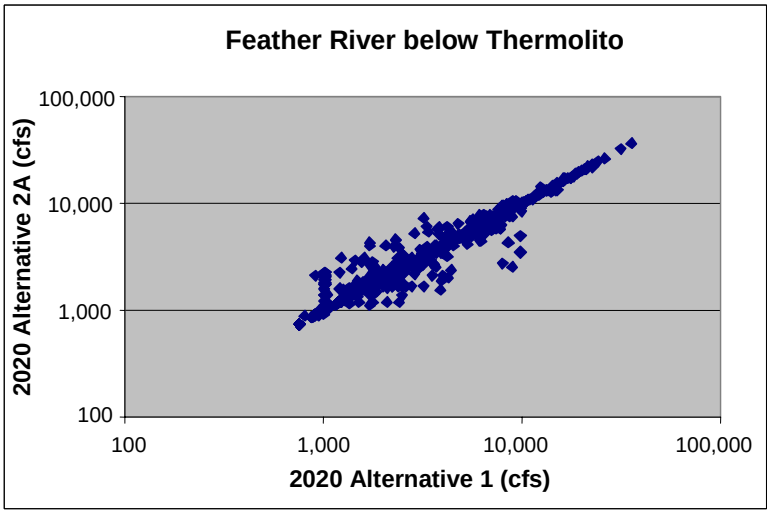
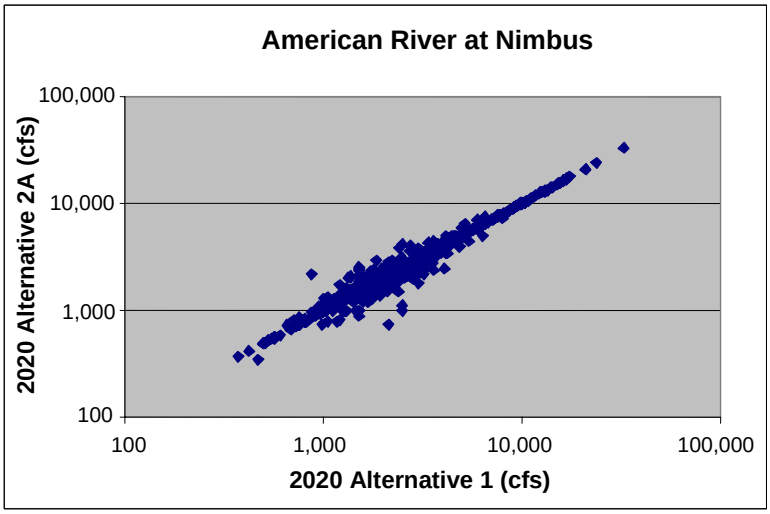
Figure 6.1-33

Comparison of Monthly Average Flow in the San Joaquin and Trinity Rivers under Alternative 1 and 2A, 1922–1994 Simulation (2020 Operations)







Note: Points that fall above the 45° diagonal indicate flows higher than Alternative 1. Points that fall below indicate flows lower than Alternative 1. Points on the diagonal line indicate that flows are the same as under Alternative 1.

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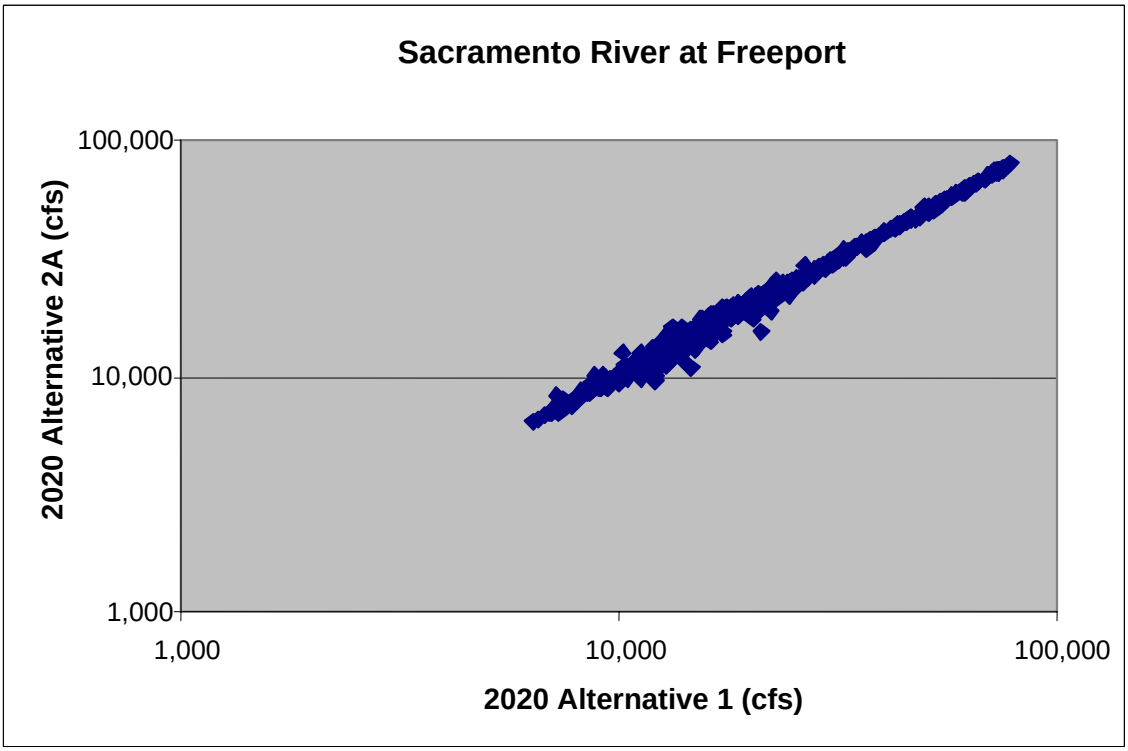
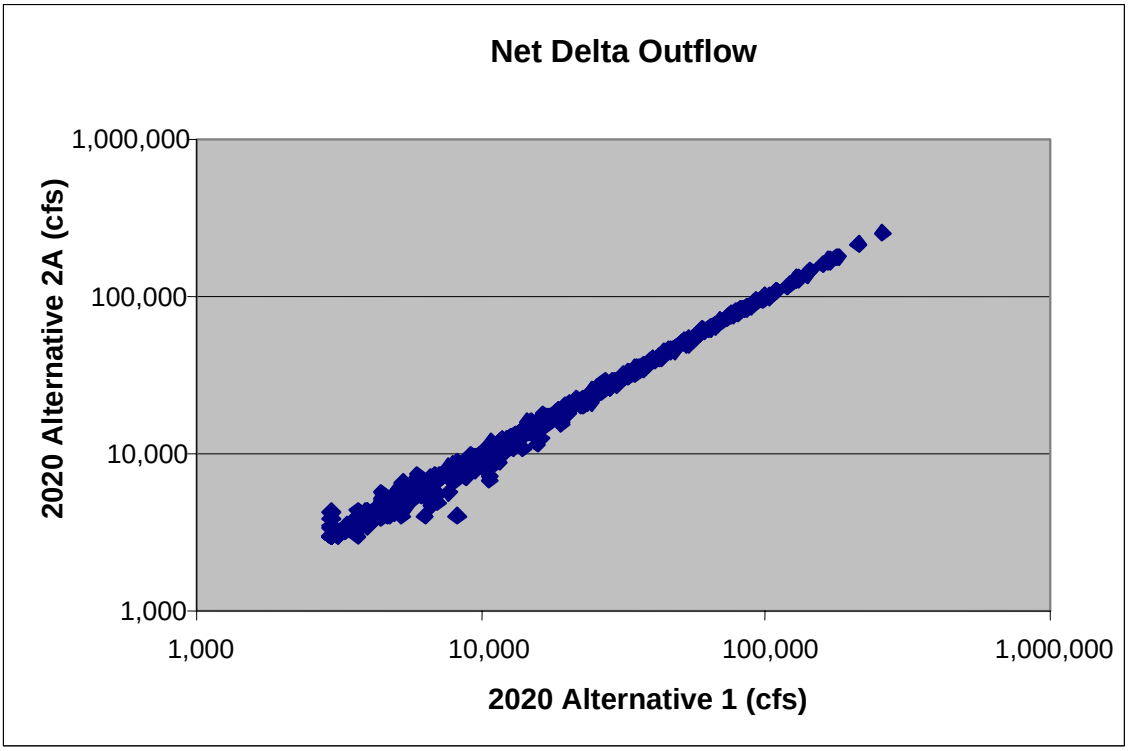
Figure 6.1-34

Comparison of Monthly Average Flow in the Sacramento, Feather, and American Rivers under Alternative 1 and 2A, 1922–1994 Simulation (2020 Operations)





Note: Points that fall above the 45° diagonal indicate flows higher than Alternative 1. Points that fall below indicate flows lower than Alternative 1. Points on the diagonal line indicate that flows are the same as under Alternative 1.

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Figure 6.1-35

Comparison of Monthly Average Flow in the Sacramento River at Freeport and Monthly Average Delta Outflow under Alternative 1 and 2A, 1922–1994 Simulation (2020 Operations)

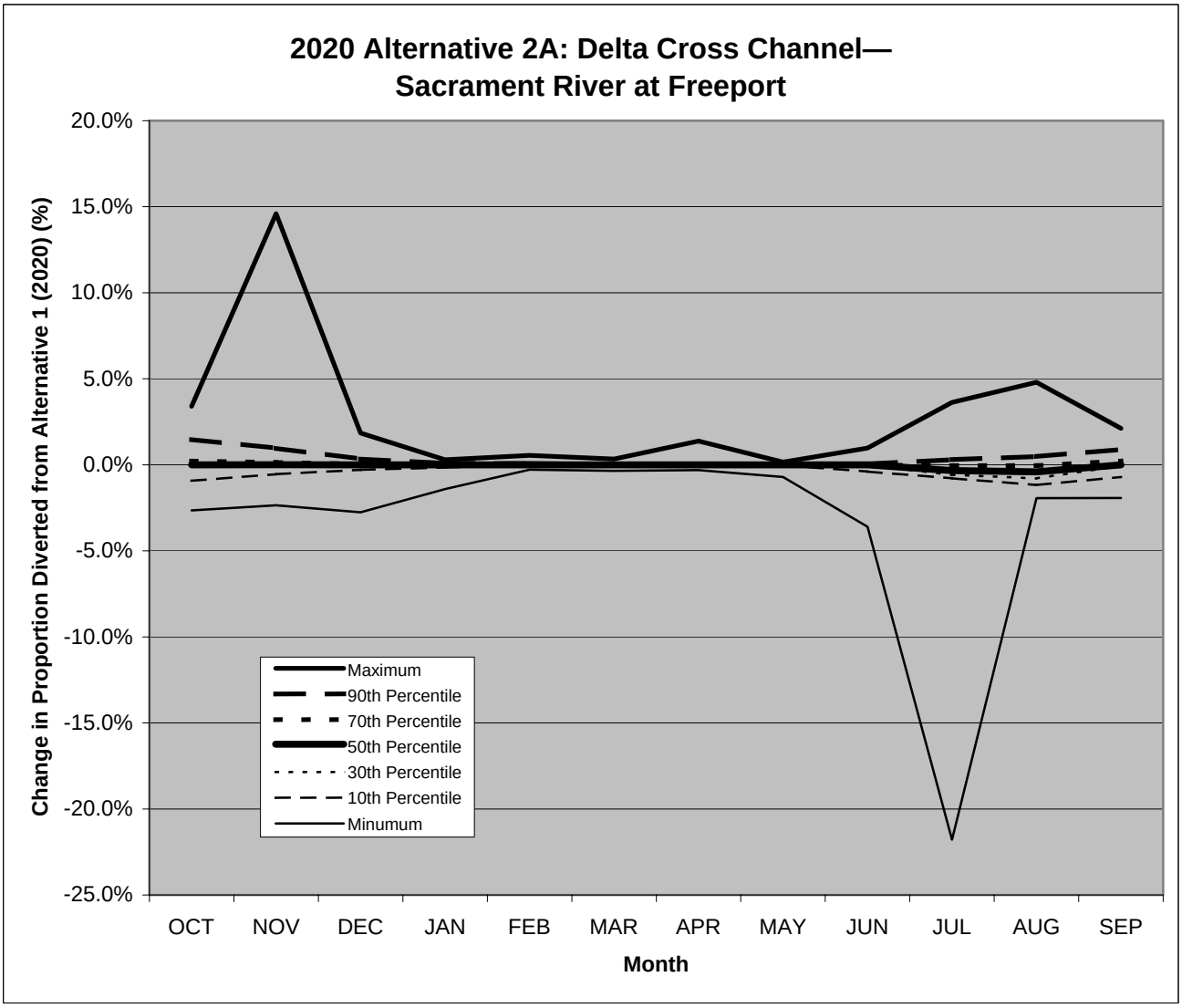

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Figure 6.1-36

Comparison of the Proportion of Sacramento River Flow Drawn into the Delta Cross Channel and Georgiana Slough under Alternative 1 and 2A, 1922–1994 Simulation (2020 Operations)

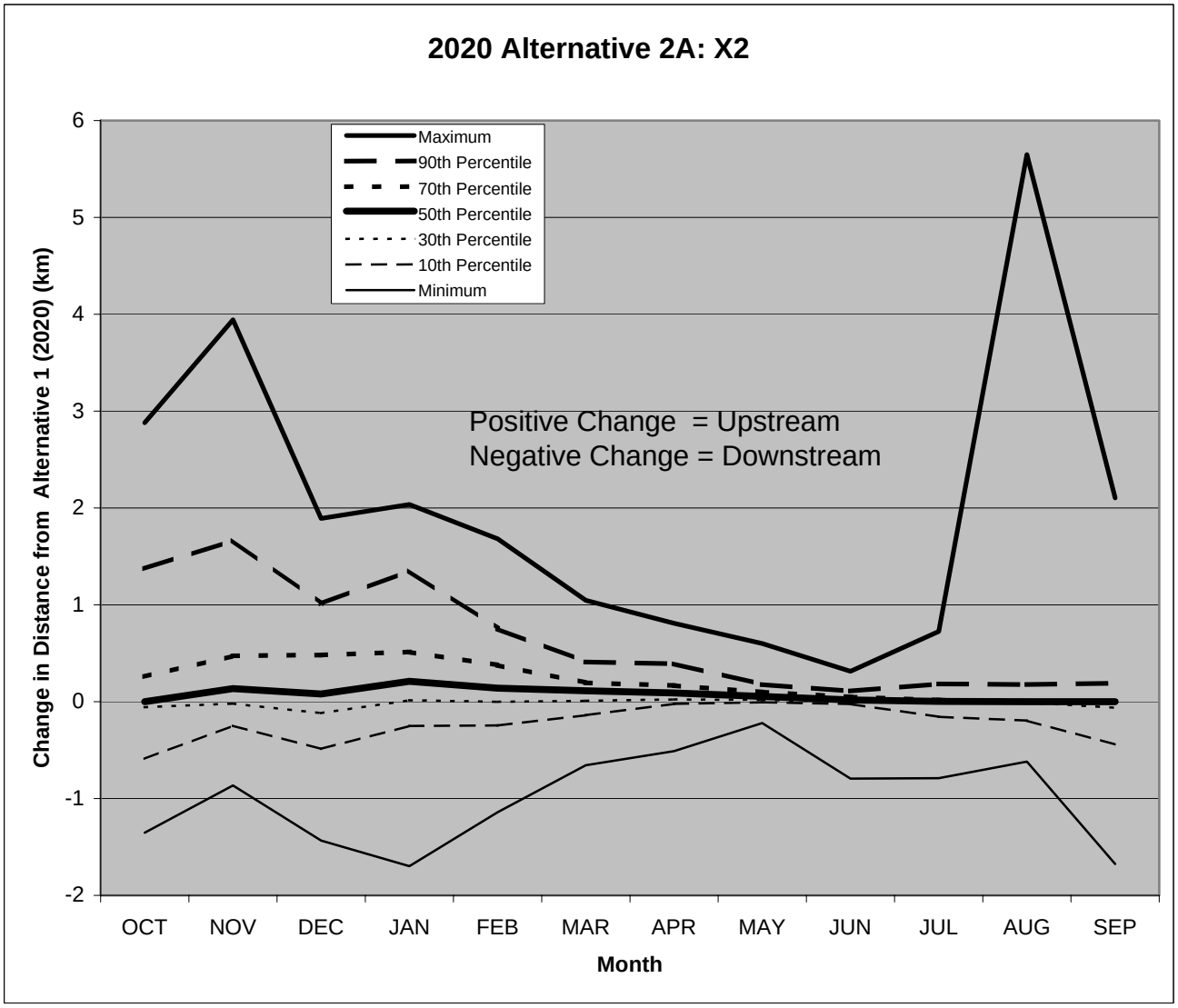

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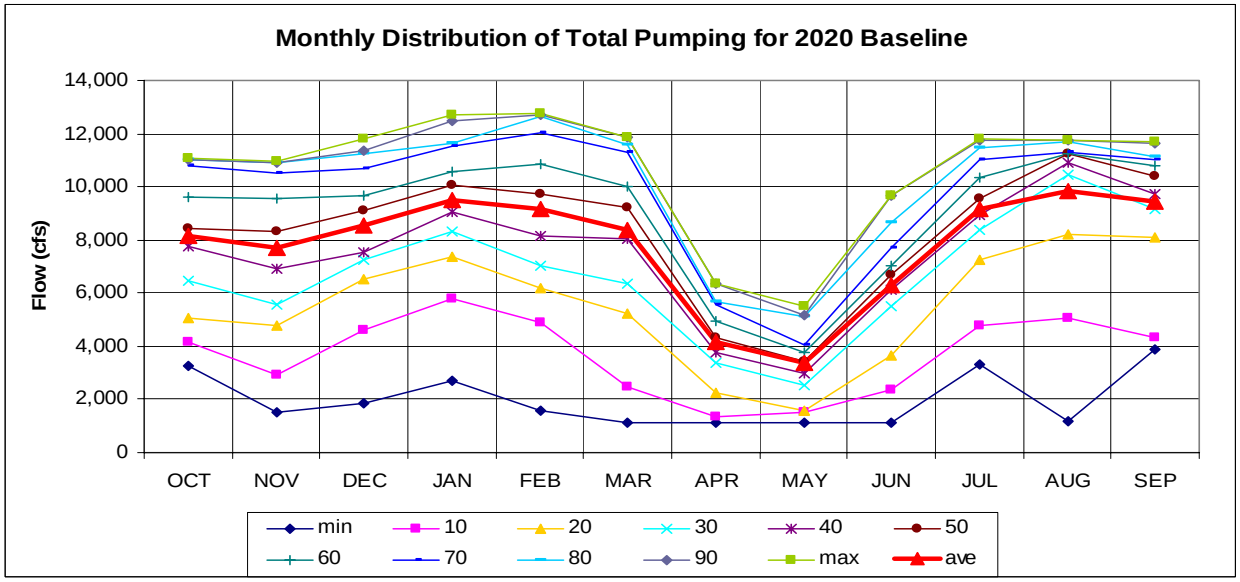
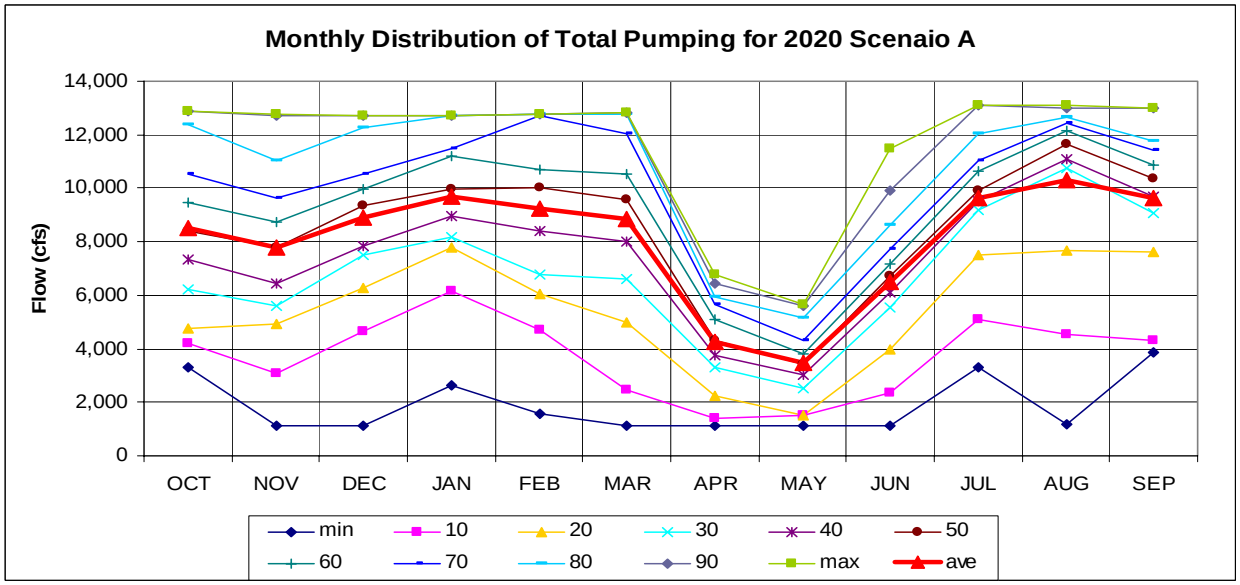
Figure 6.1-37

Comparison of X2 Location under Alternative 2A with X2 Location under Alternative 1, 1922–1994 Simulation (2020 Operations)





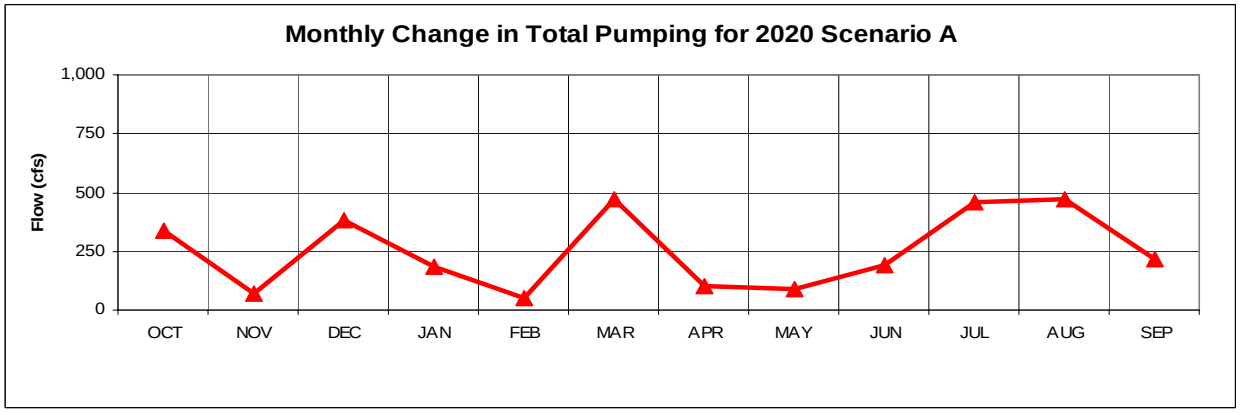


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Figure 6.1-38

Monthly Range (Percentiles) of Total CVP and SWP Pumping for 2020 Baseline and Alternative 2A, with Average Monthly Change for 1922–1994 Simulation