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Source Water Fingerprinting Results

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Appendix 8D

Source Water Fingerprinting Results

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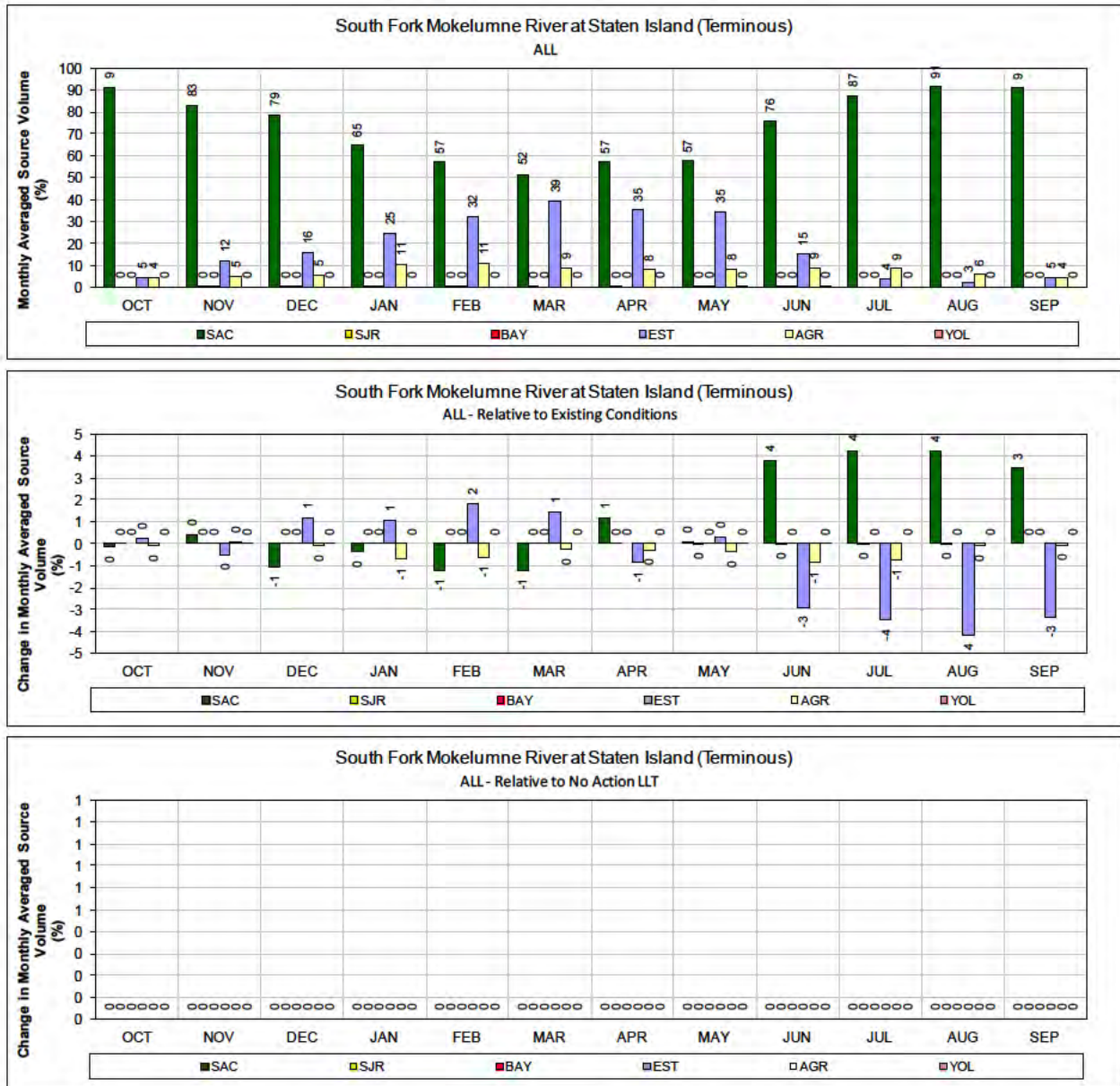
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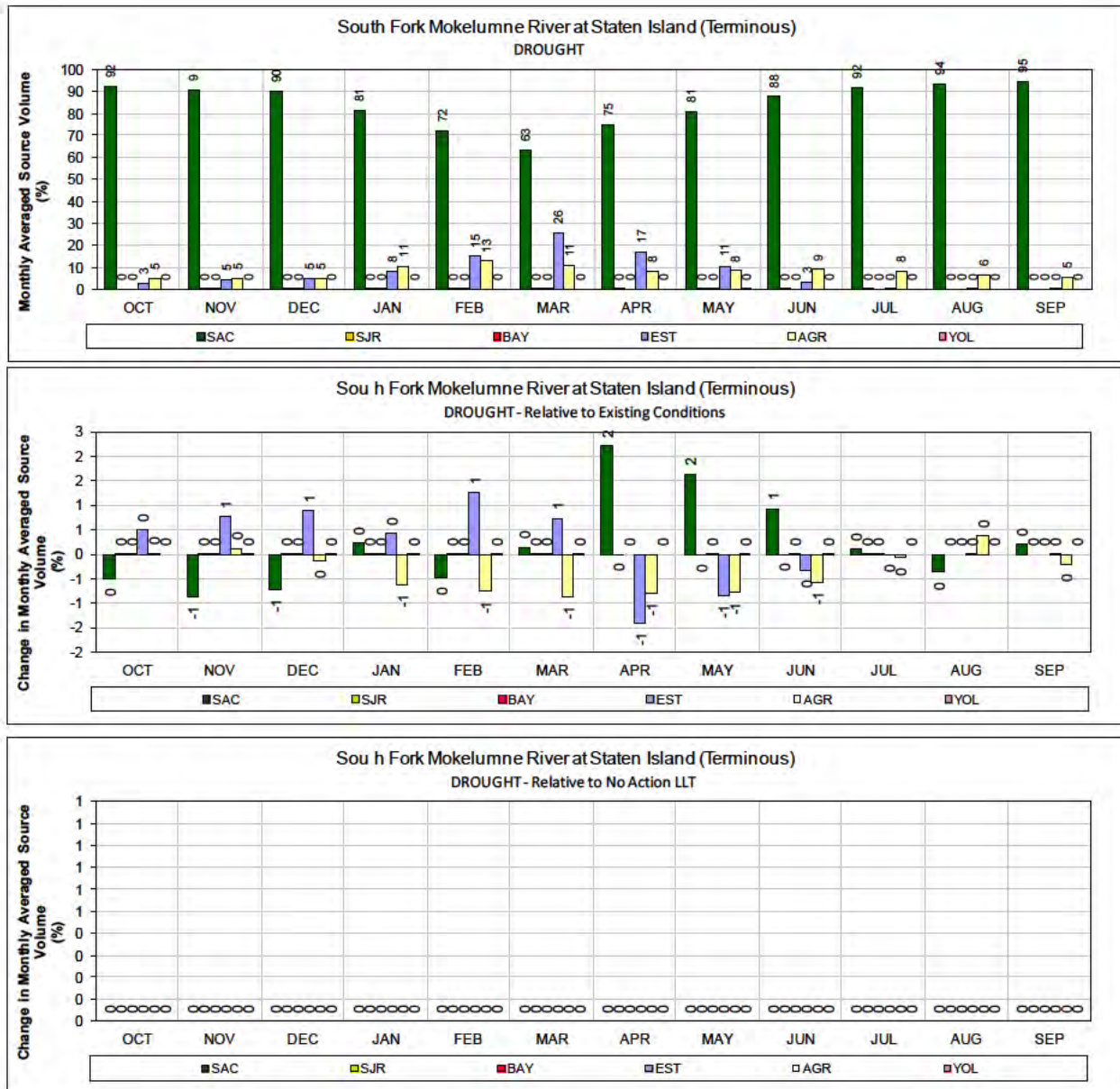
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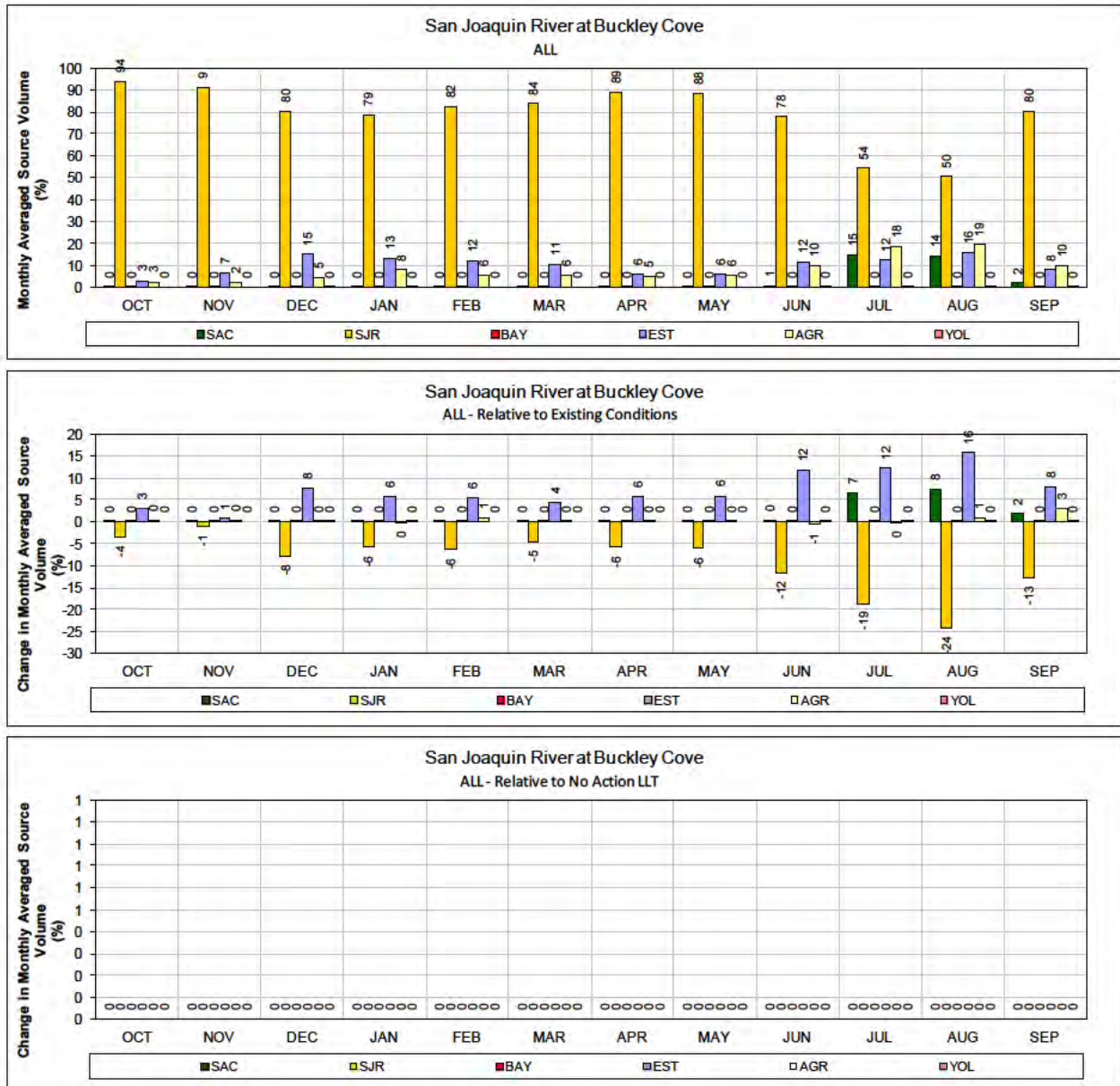


1 Figure 1. NA LLT – Mokelumne River (South Fork) at Staten Island for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).

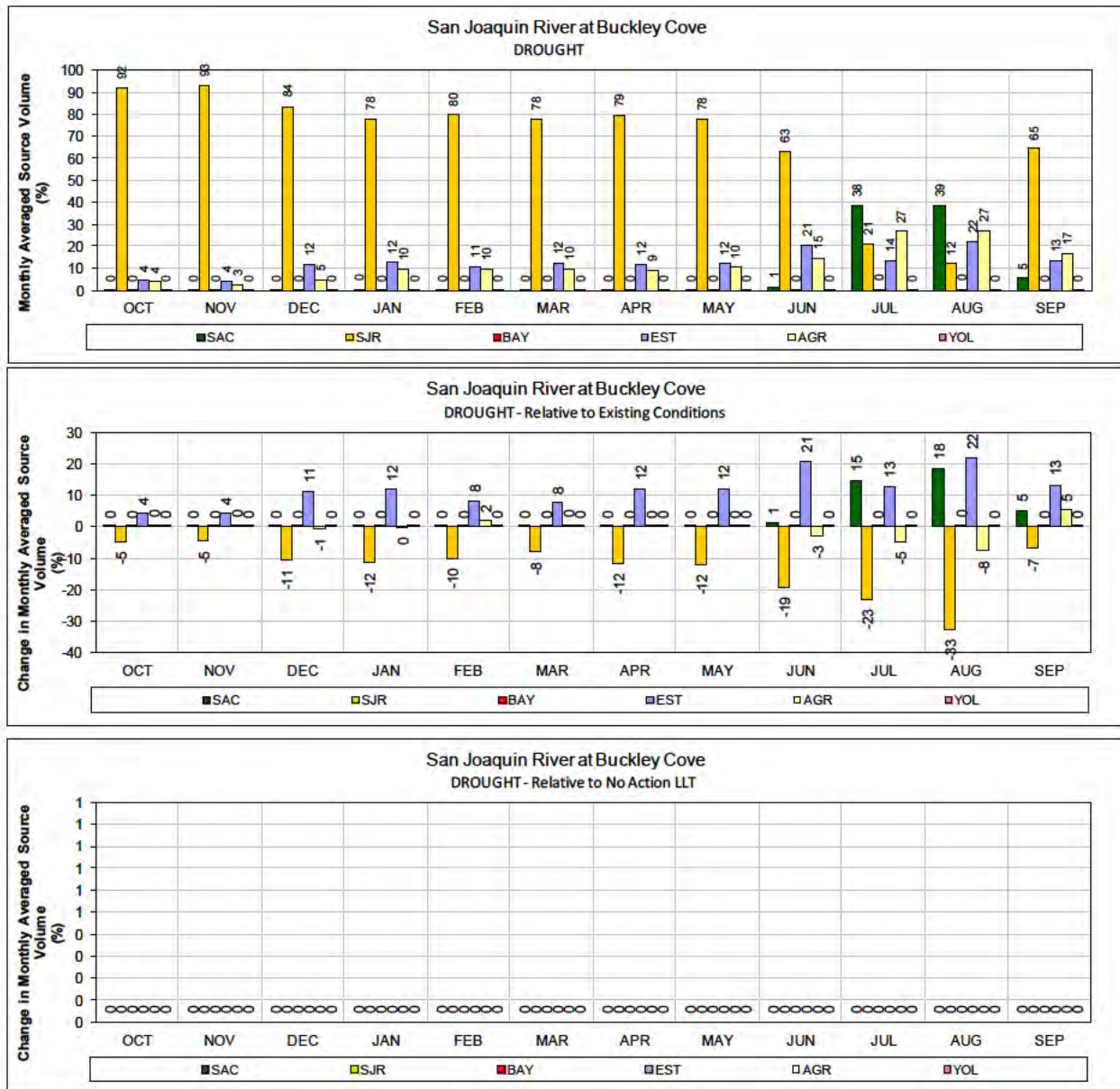


1 **Figure 2. NA LLT – Mokelumne River (South Fork) at Staten Island for DROUGHT years**
 2 **(1987-1991)**

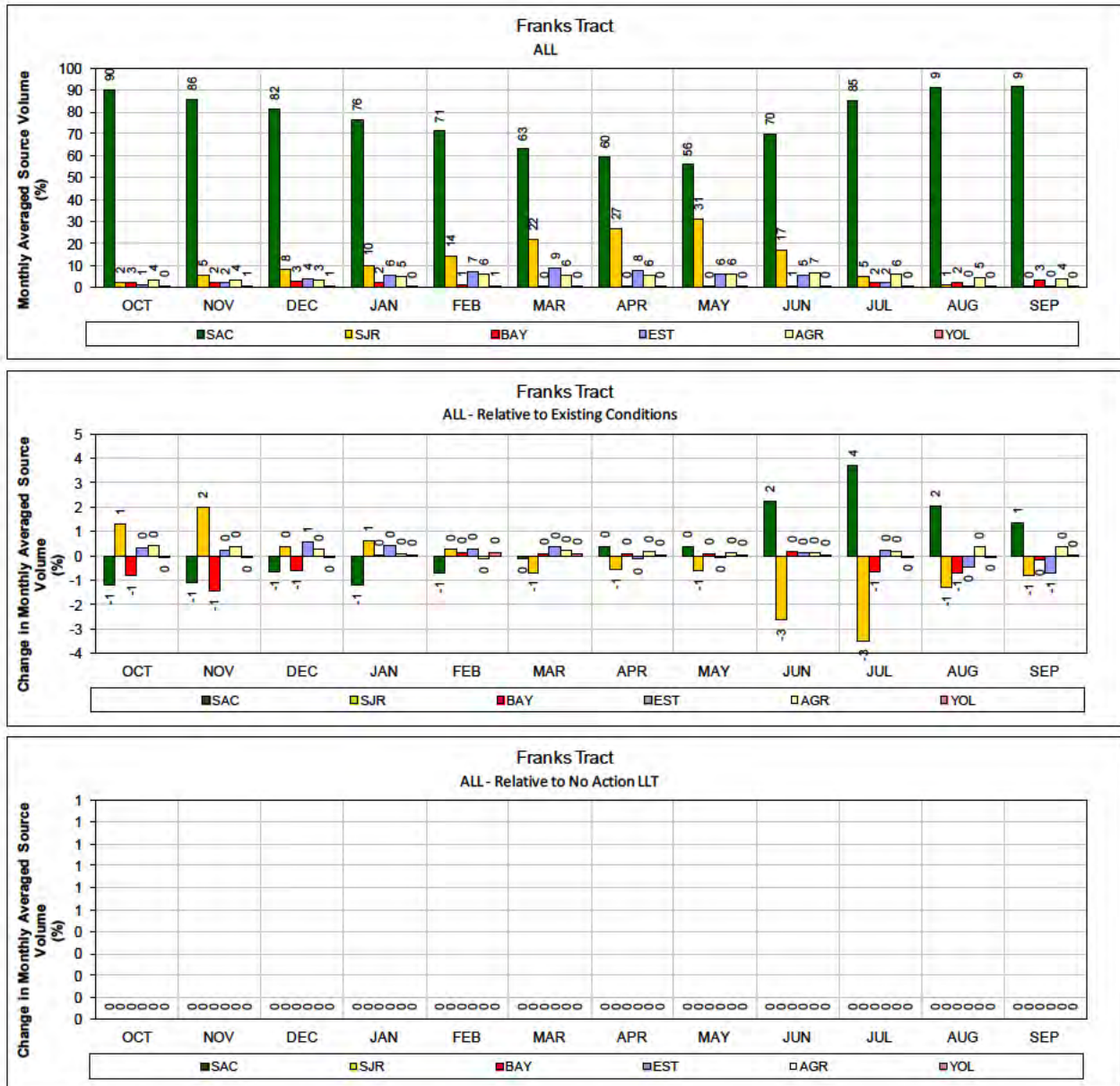
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 4 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



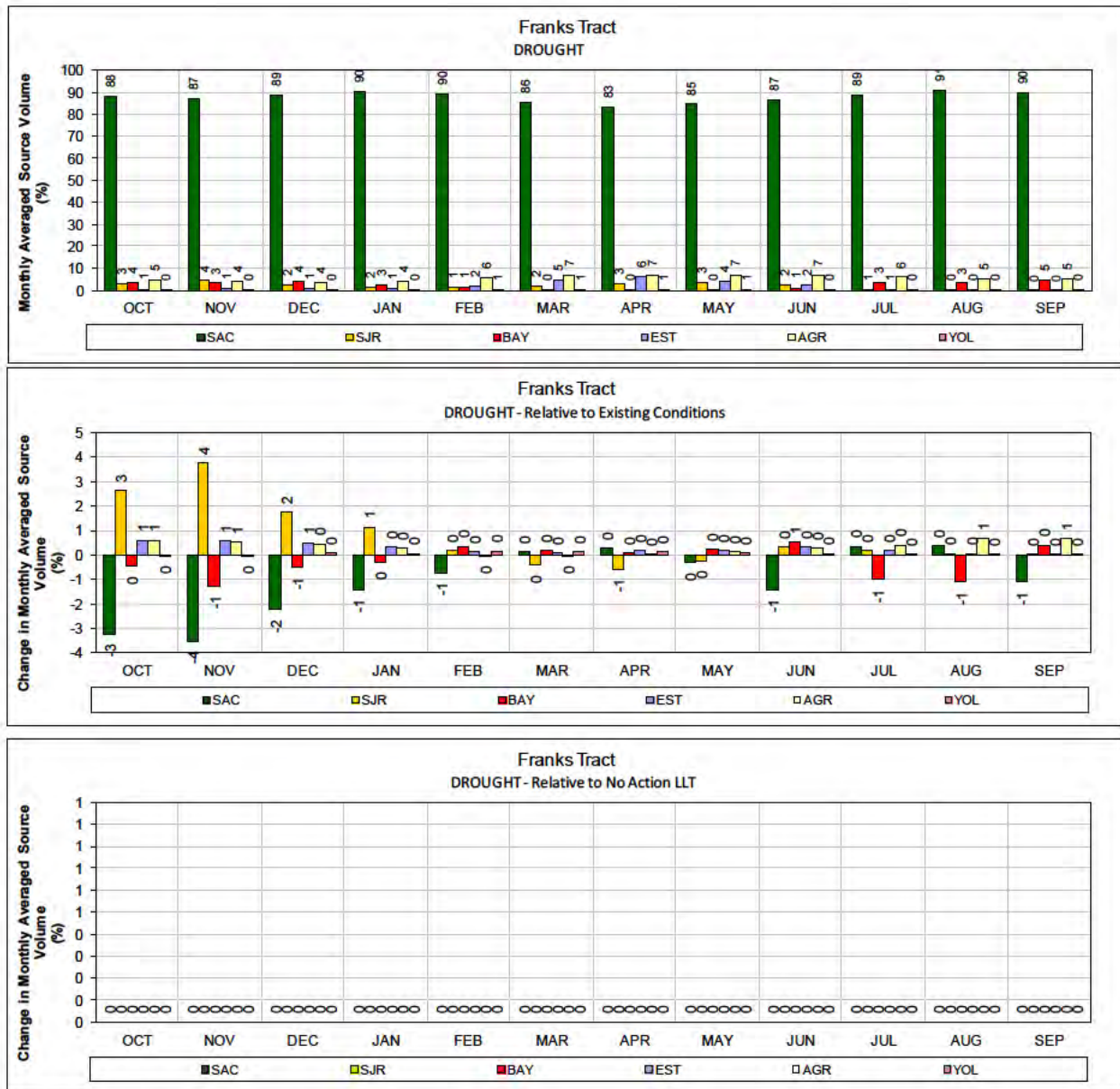
1 Figure 3. NA LLT – San Joaquin River at Buckley Cove for ALL years (1976-1991)
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 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



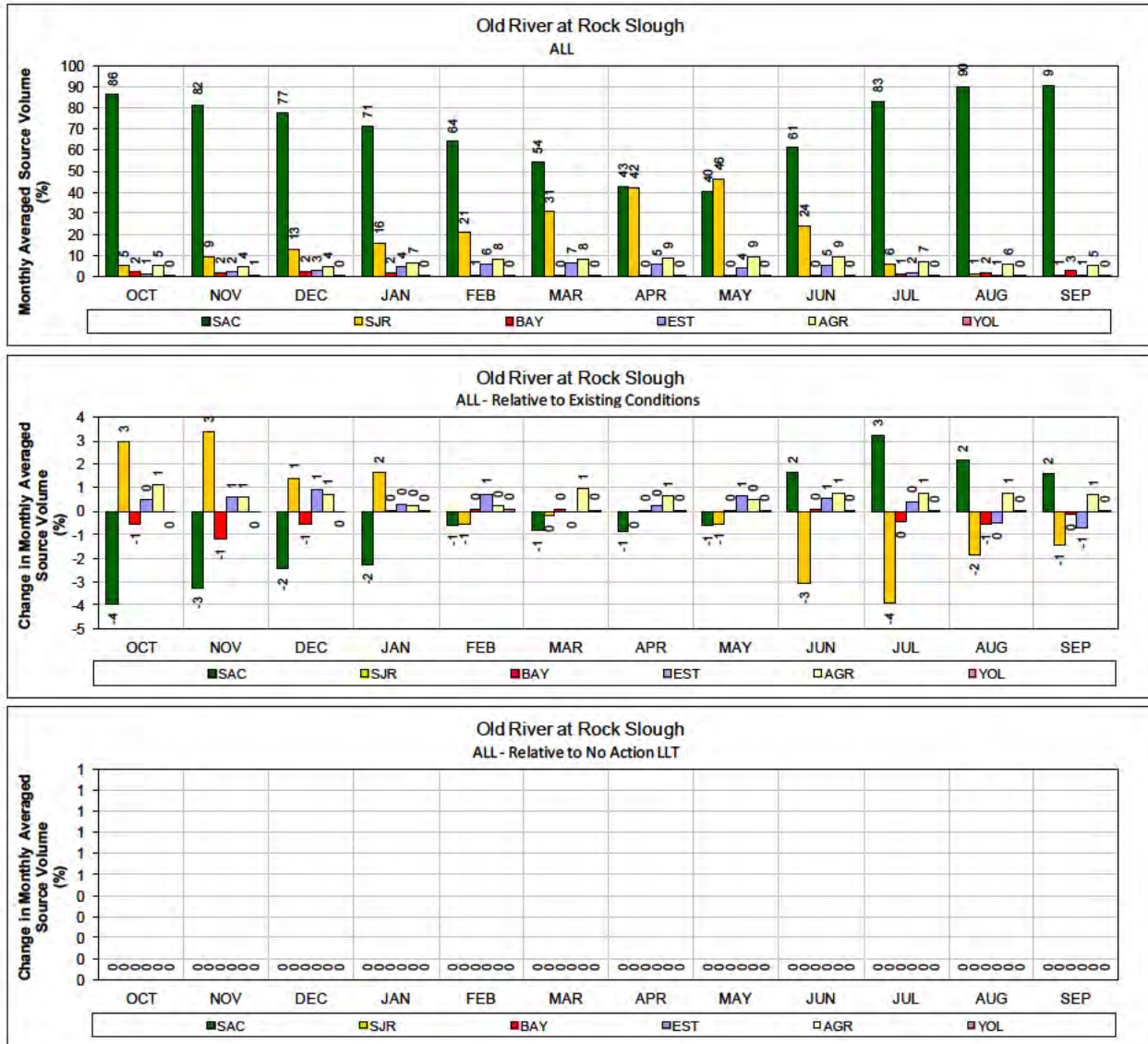
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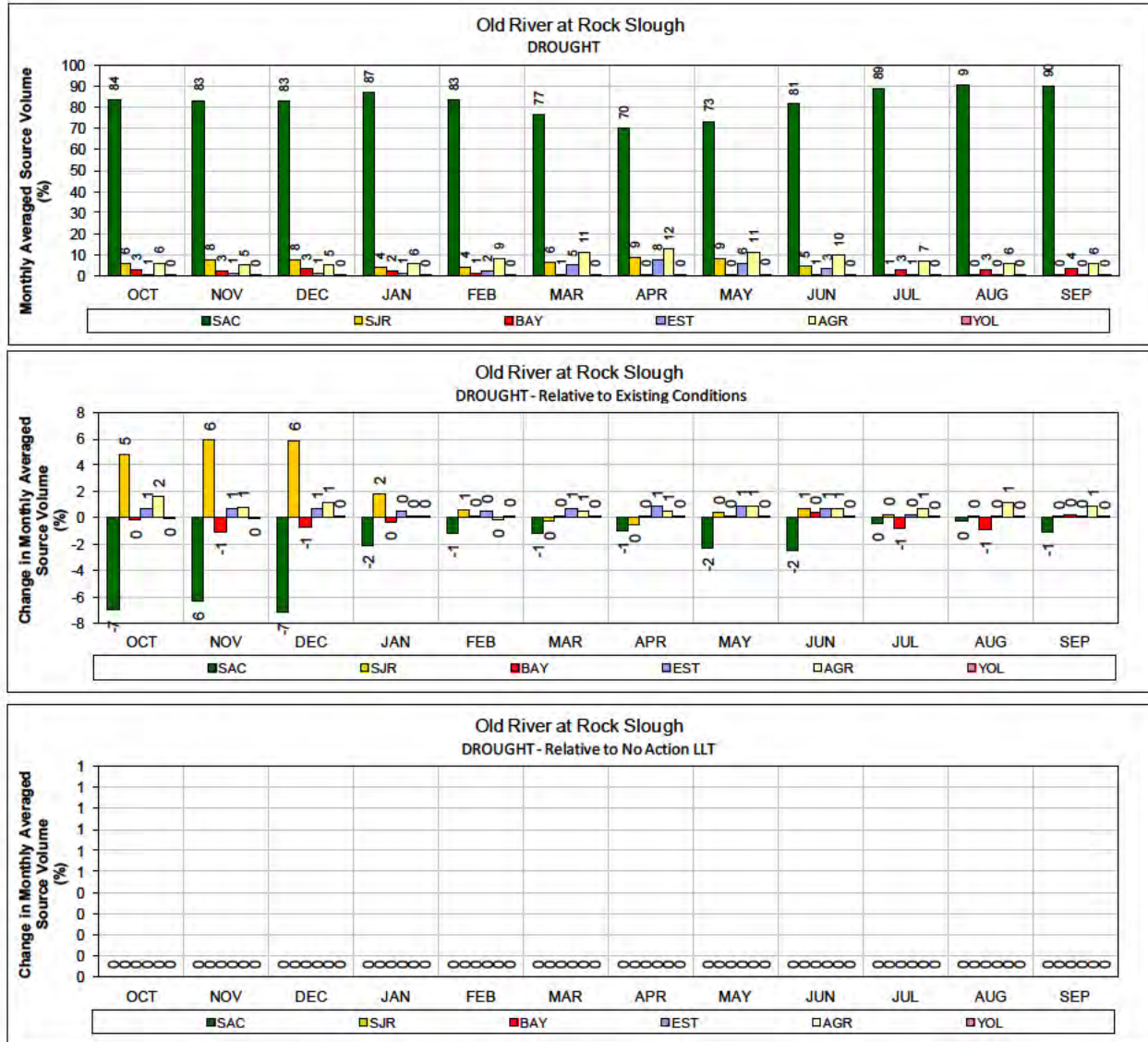
1 Figure 5. NA LLT – Franks Tract for ALL years (1976-1991)
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 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



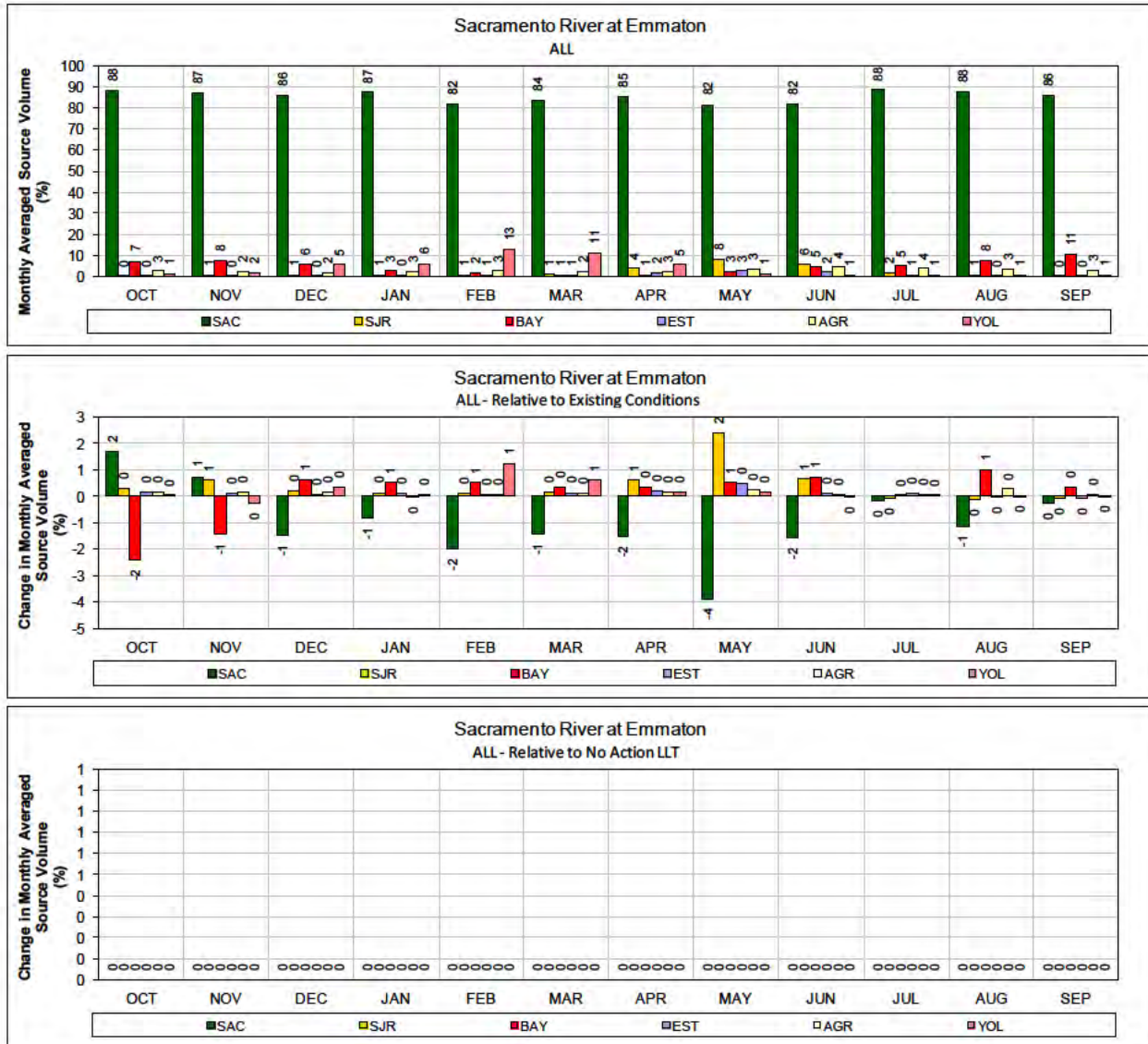
1 **Figure 6. NA LLT – Franks Tract for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



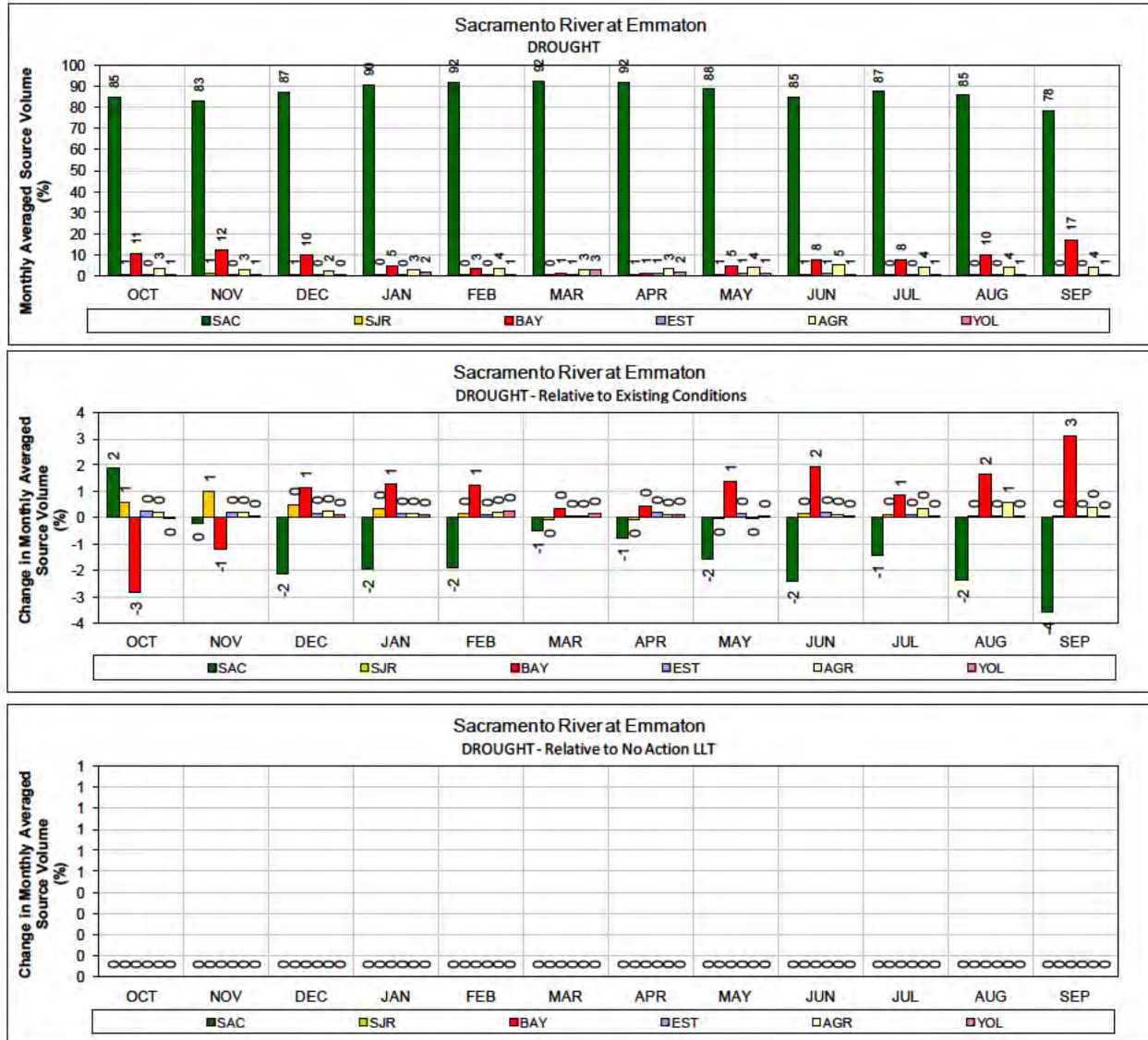
- 1 Figure 7. NA LLT – Old River at Rock Slough for ALL years (1976-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).
- 3



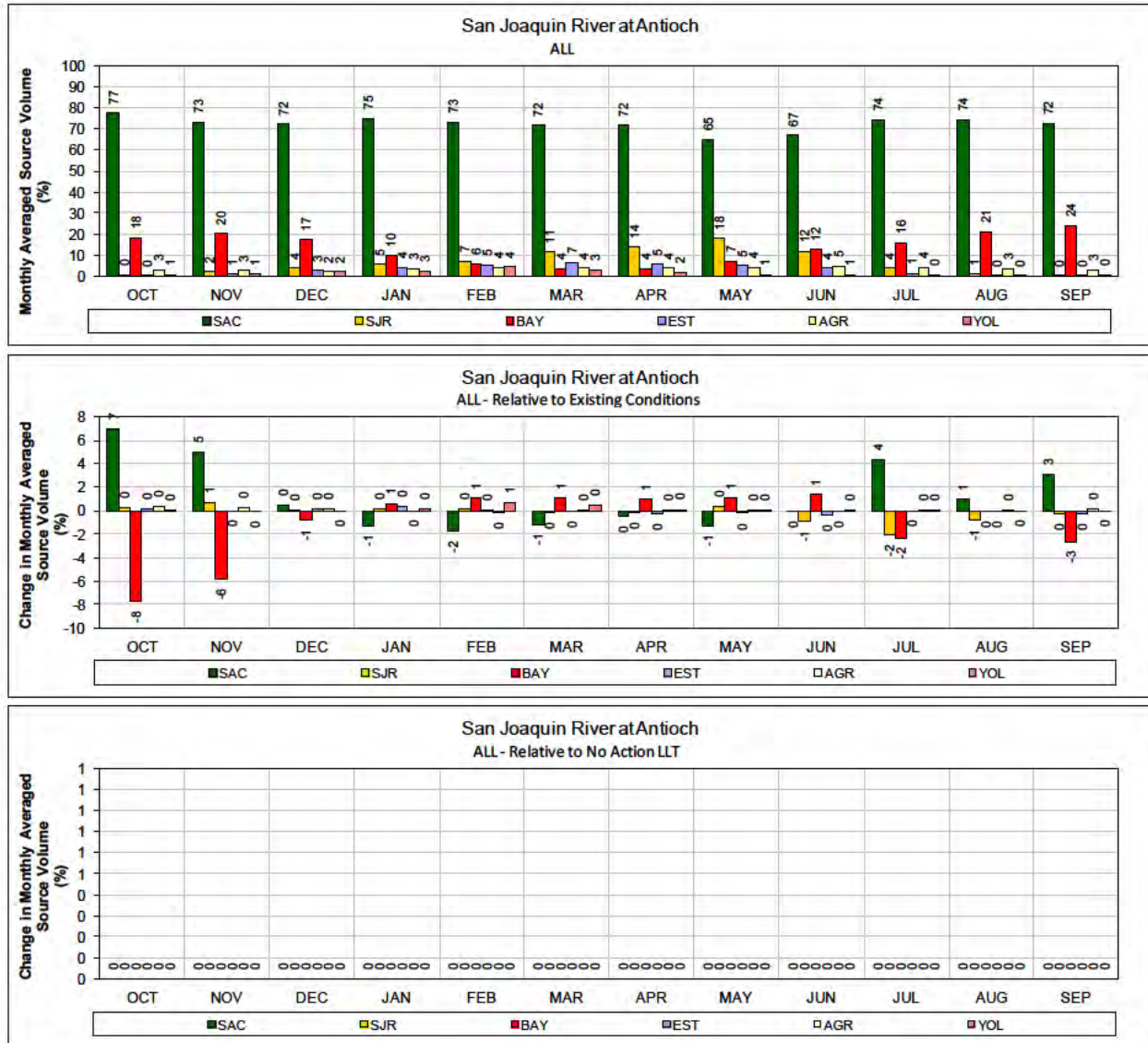
- 1 Figure 8. NA LLT – Old River at Rock Slough for DROUGHT years (1987-1991)
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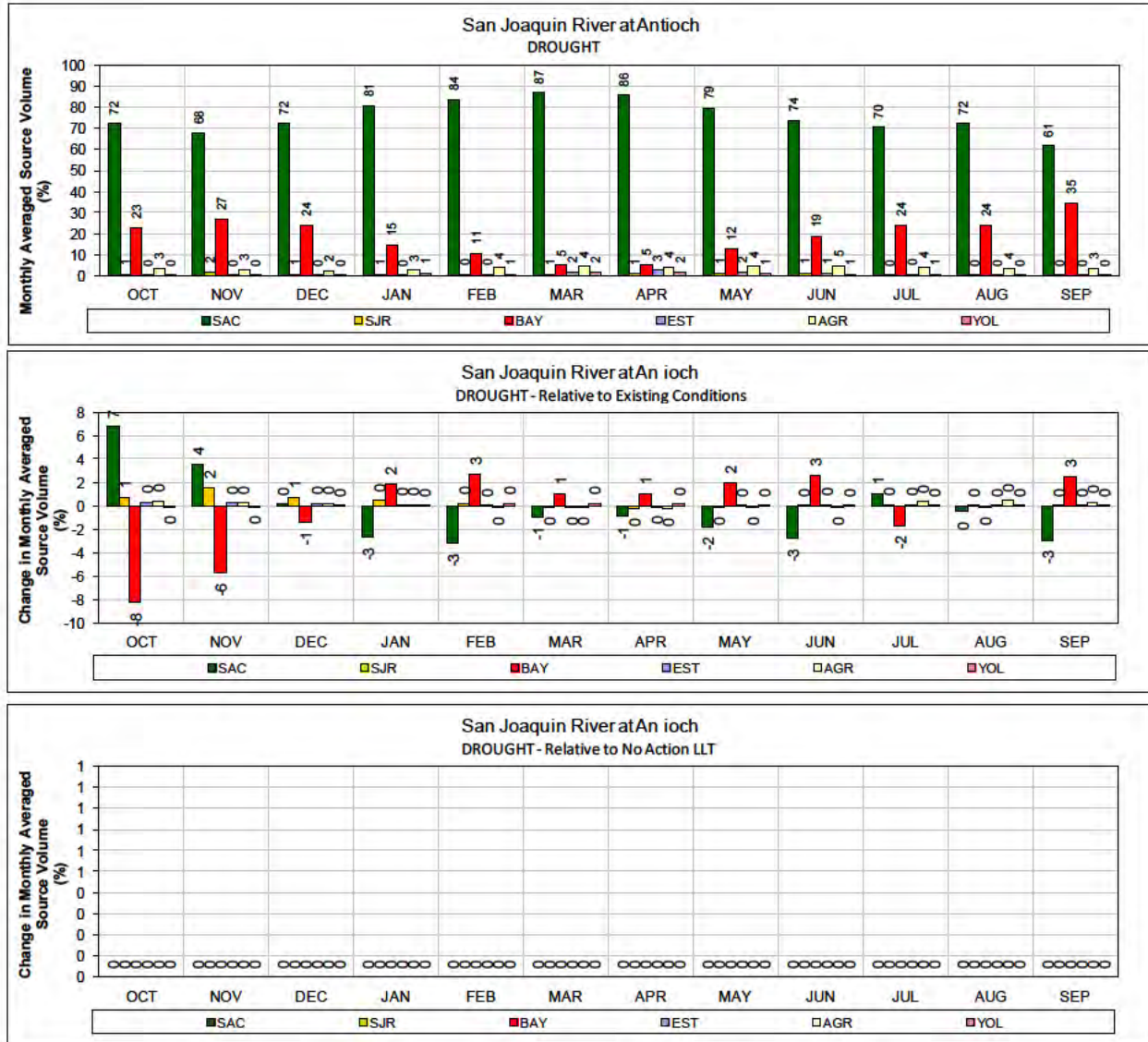
- 1 Figure 9. NA LLT – Sacramento River at Emmaton for ALL years (1976-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
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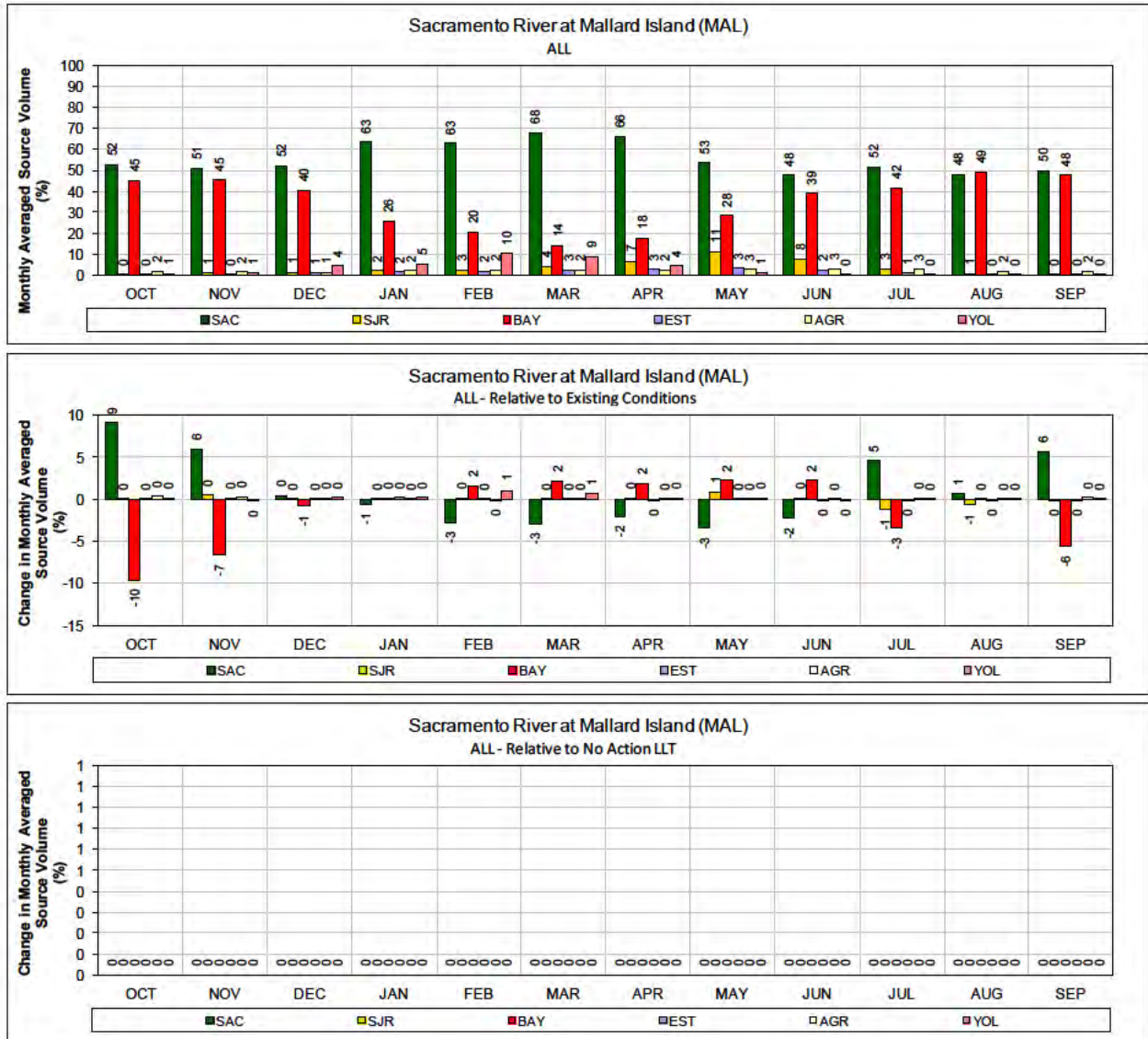
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- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).
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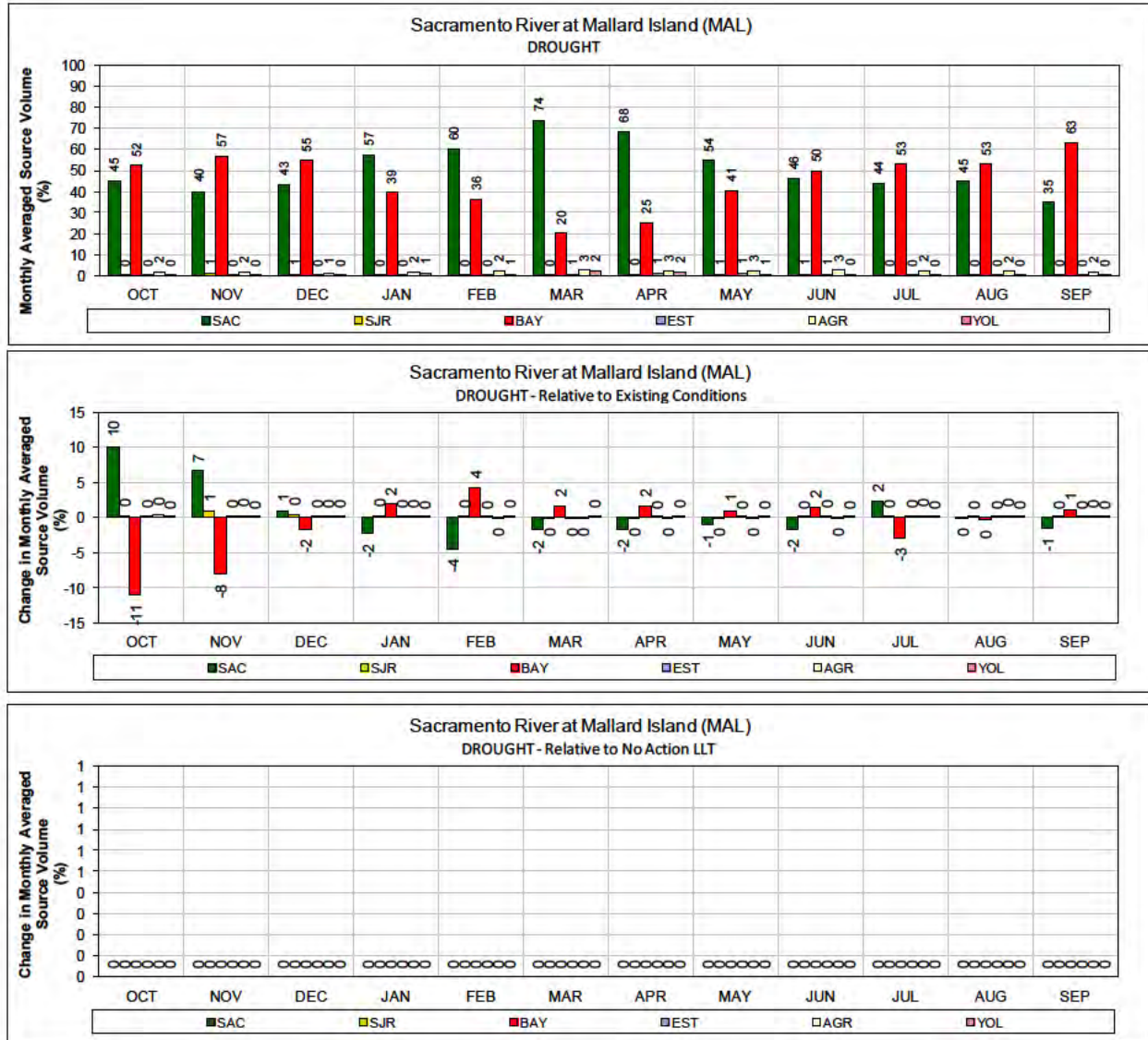
- 1 Figure 11. NA LLT – San Joaquin River at Antioch for ALL years (1976-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).
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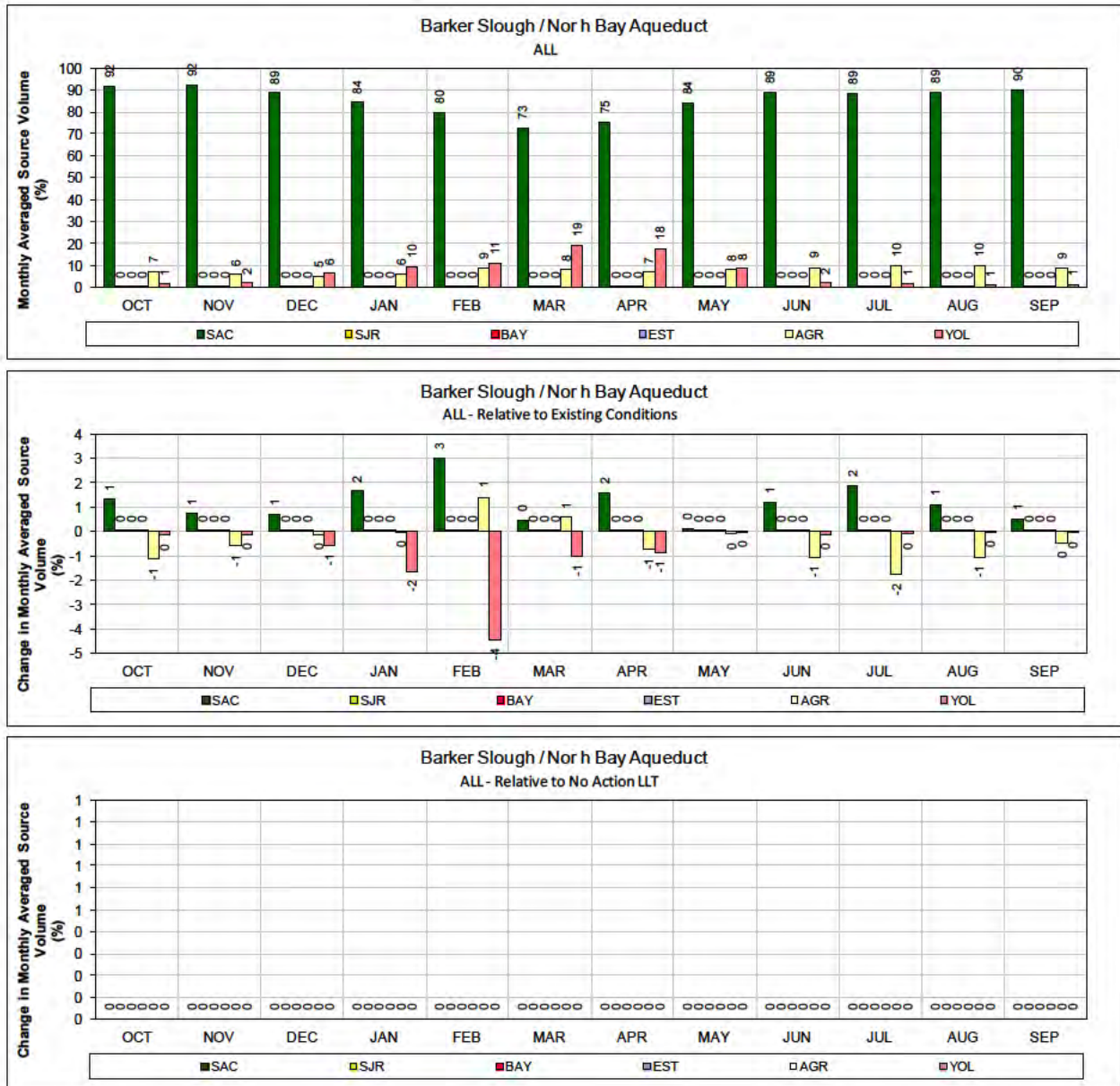
- 1 Figure 12. NA LLT – San Joaquin River at Antioch for DROUGHT years (1987-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).
- 3



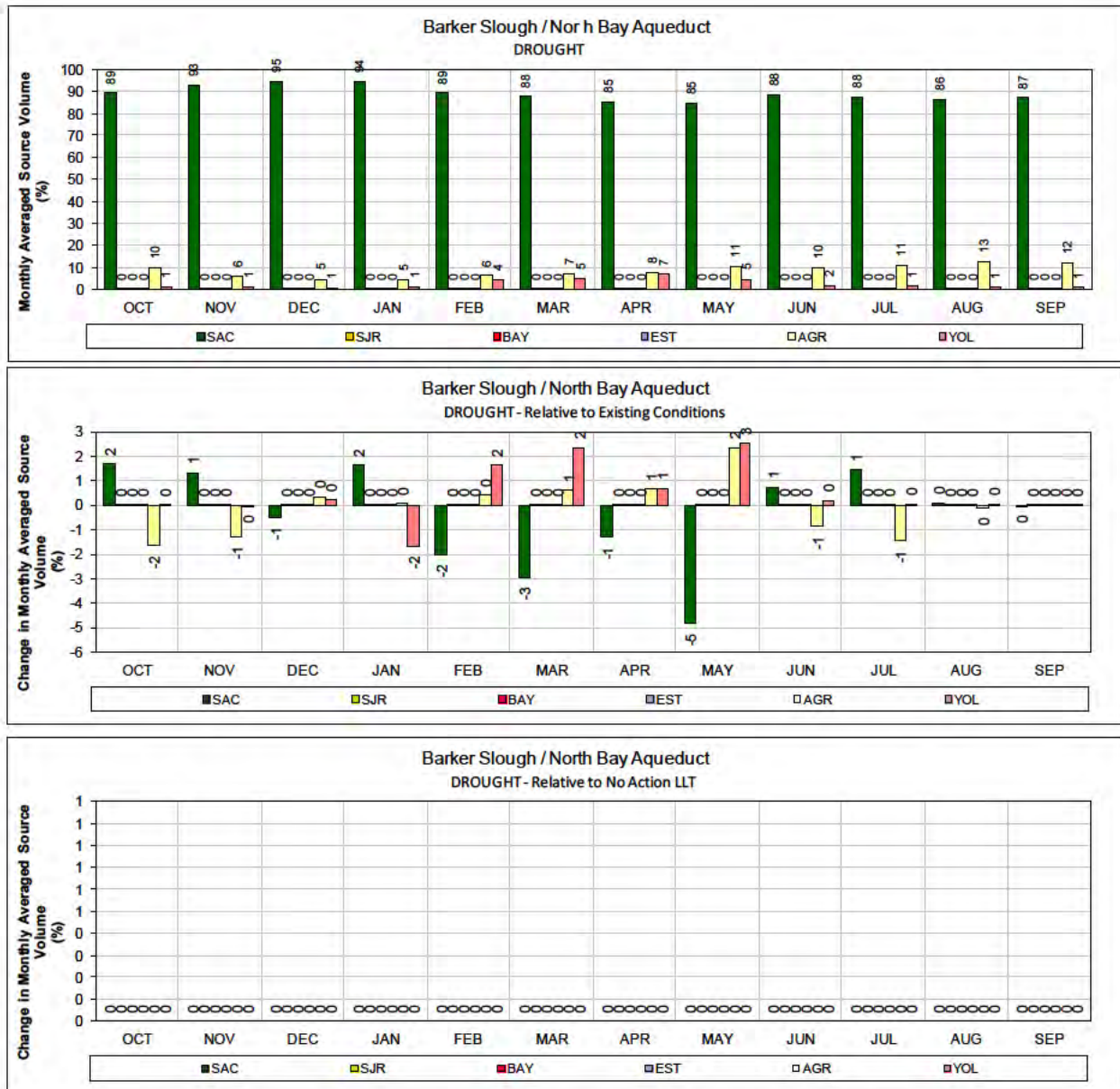
- 1 Figure 13. NA LLT – Sacramento River at Mallard Island for ALL years (1976-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
- 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



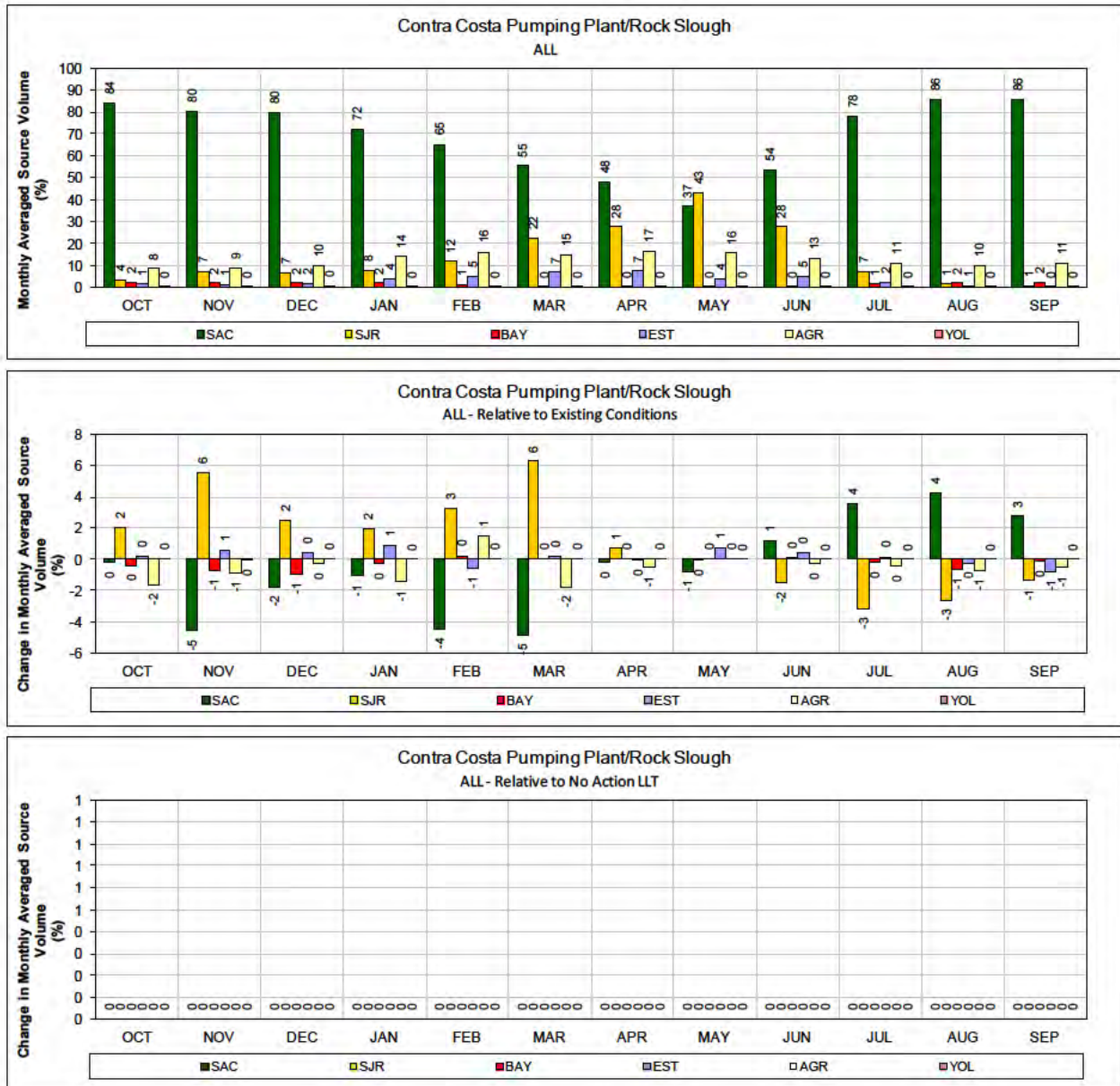
- 1 Figure 14. NA LLT – Sacramento River at Mallard Island for DROUGHT years (1987-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).
- 3



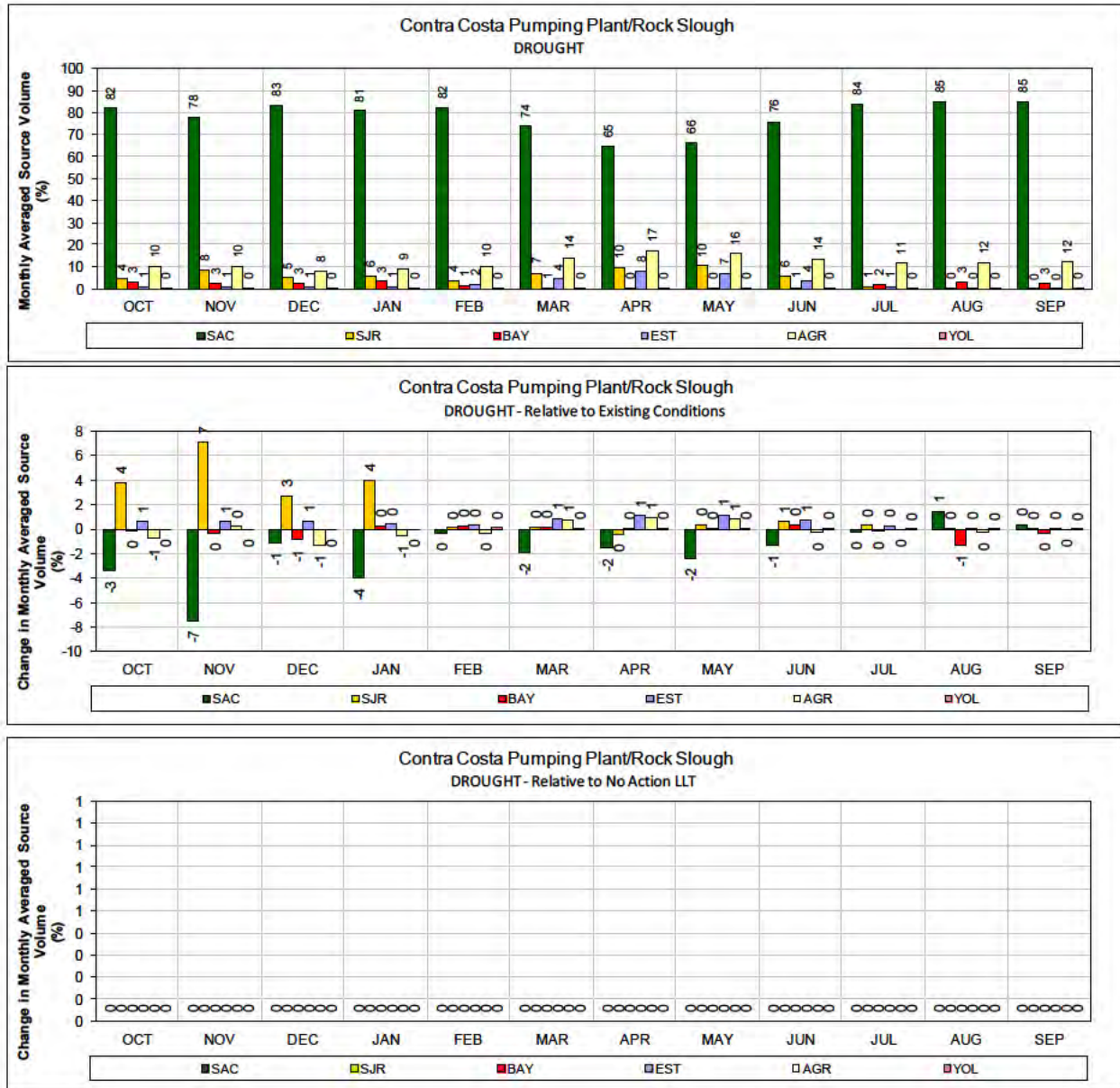
1 Figure 15. NA LLT – North Bay Aqueduct at Barker Slough Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



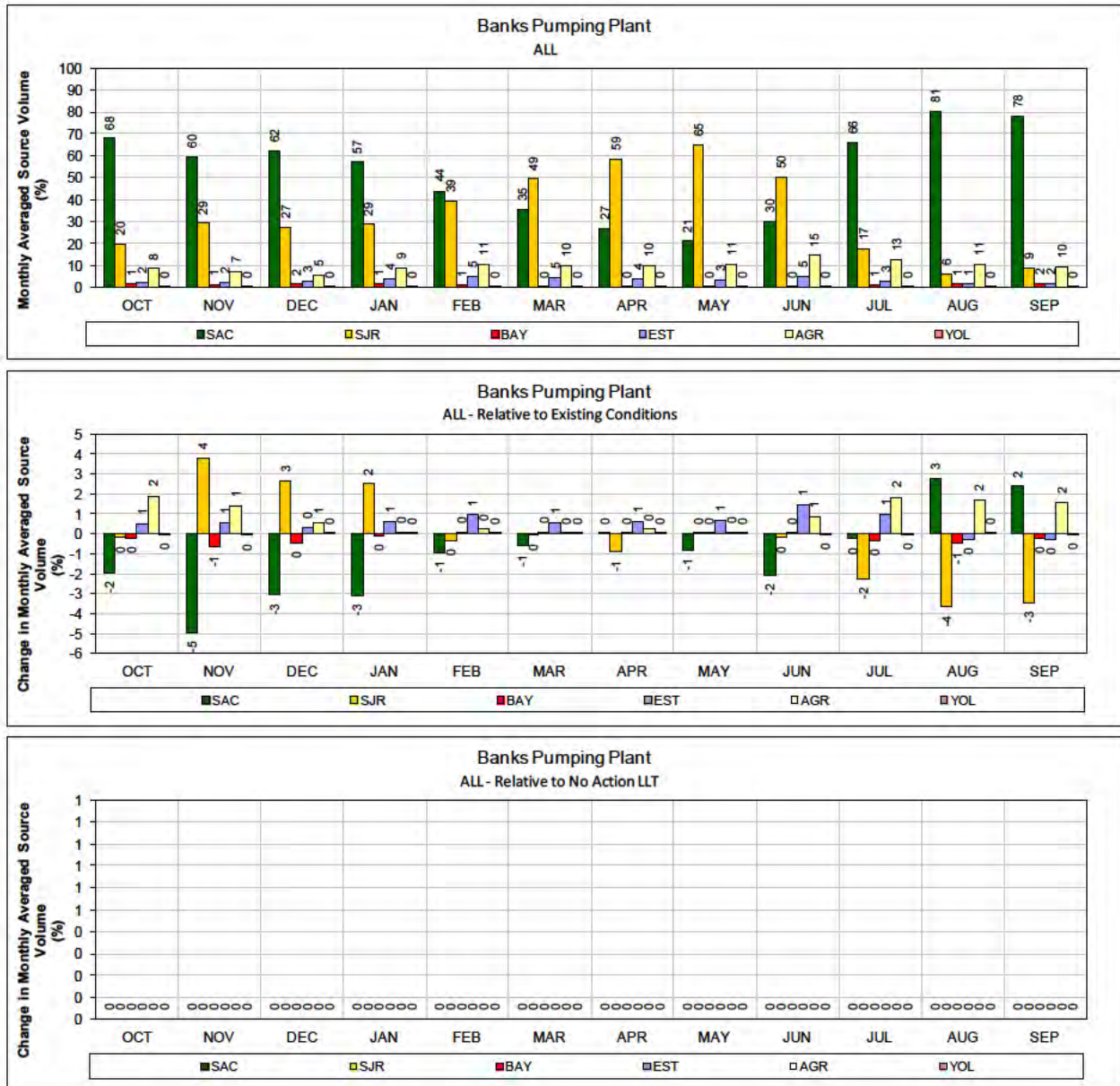
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 2 (1987-1991)
 3 Monthly average source volume (top figure) and change in monthly average source volume relative to
 4 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



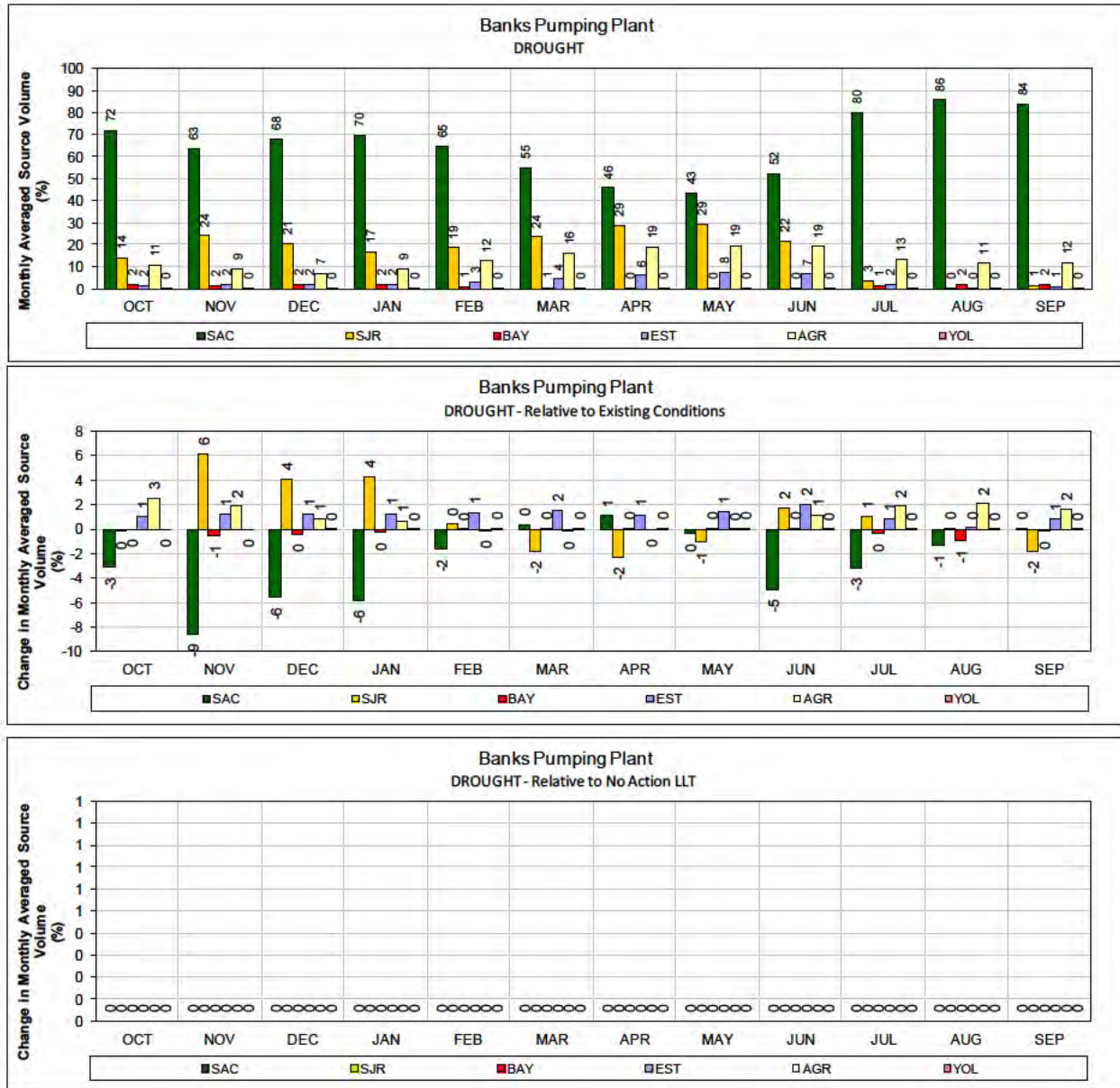
- 1 Figure 17. NA LLT – Contra Costa Pumping Plant #1 for ALL years (1976-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
- 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



1 Figure 18. NA LLT – Contra Costa Pumping Plant #1 for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



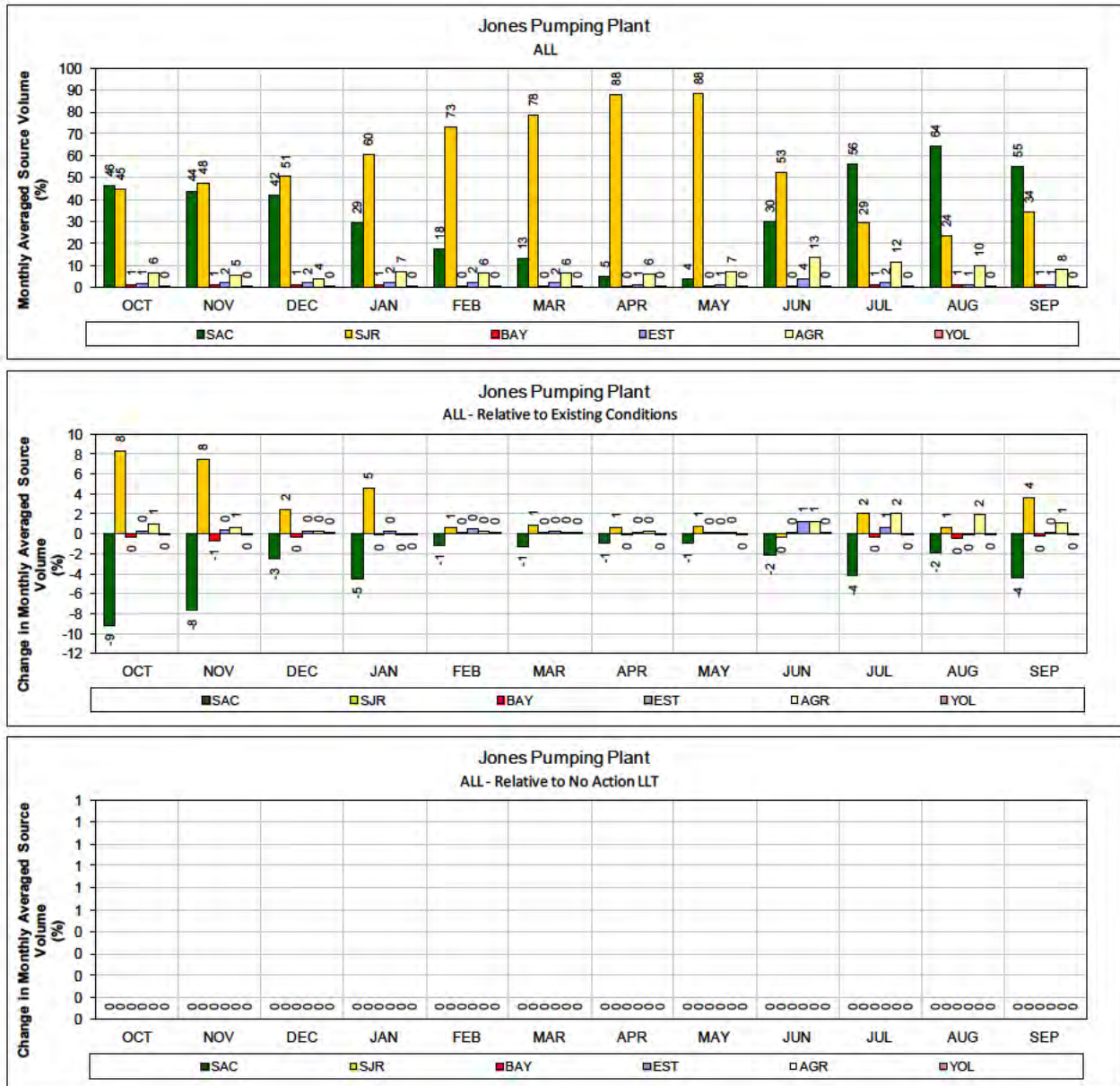
1 Figure 19. NA LLT – Banks Pumping Plant #1 for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



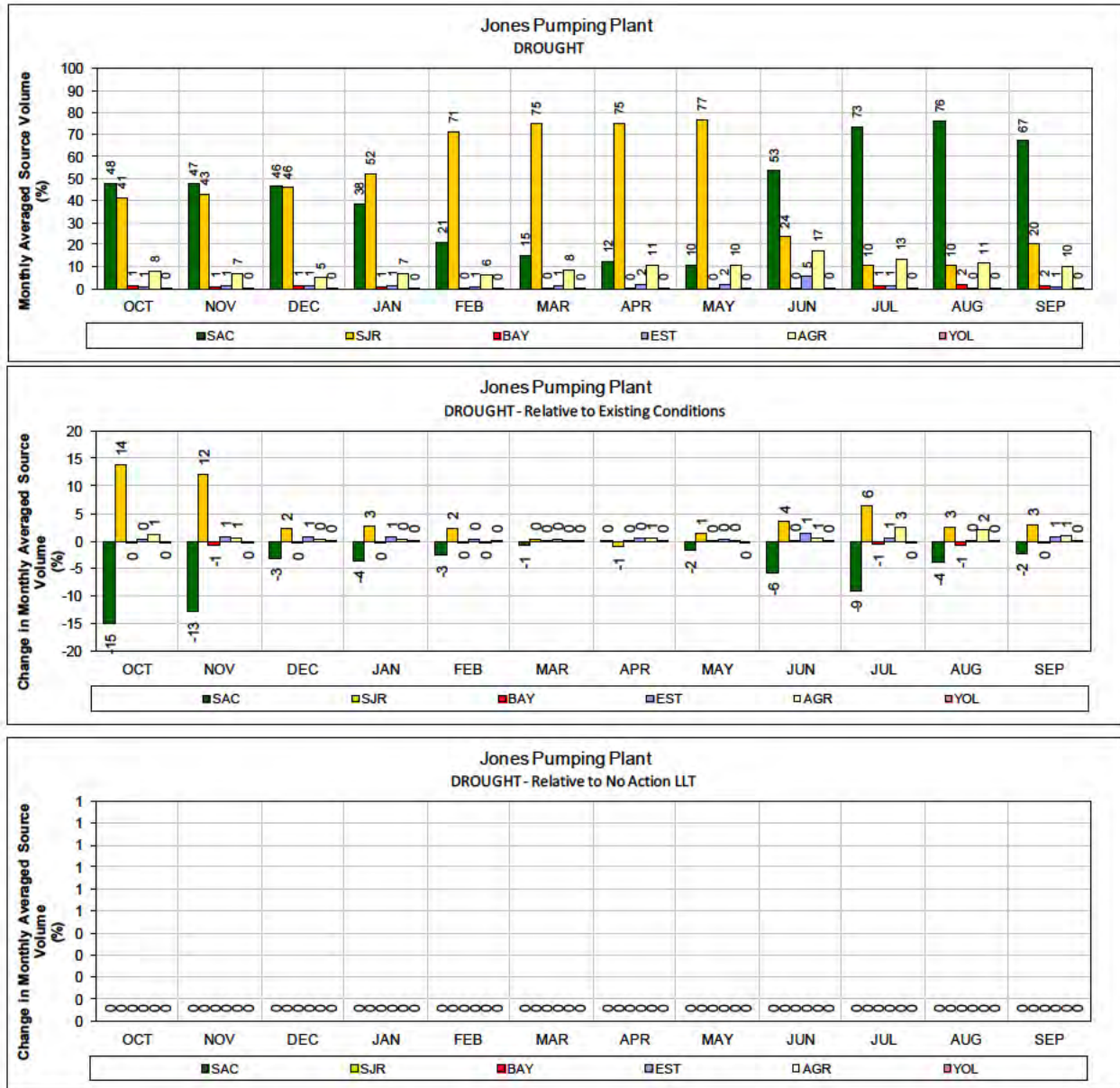
1 Figure 20. NA LLT – Banks Pumping Plant #1 for DROUGHT years (1987-1991)

2 Monthly average source volume (top figure) and change in monthly average source volume relative to

3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).

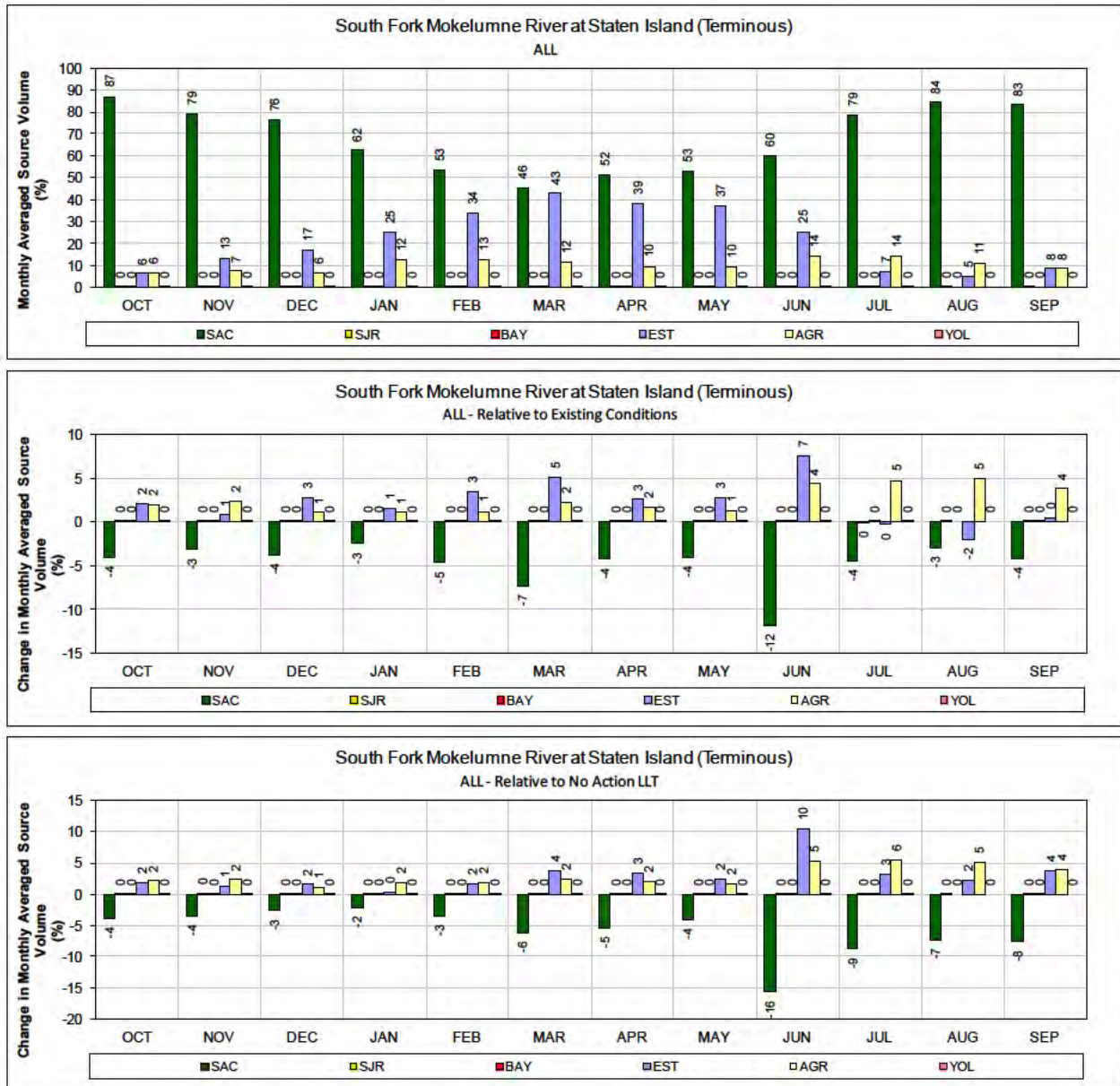


- 1 Figure 21. NA LLT – Jones Pumping Plant for ALL years (1976-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
- 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).

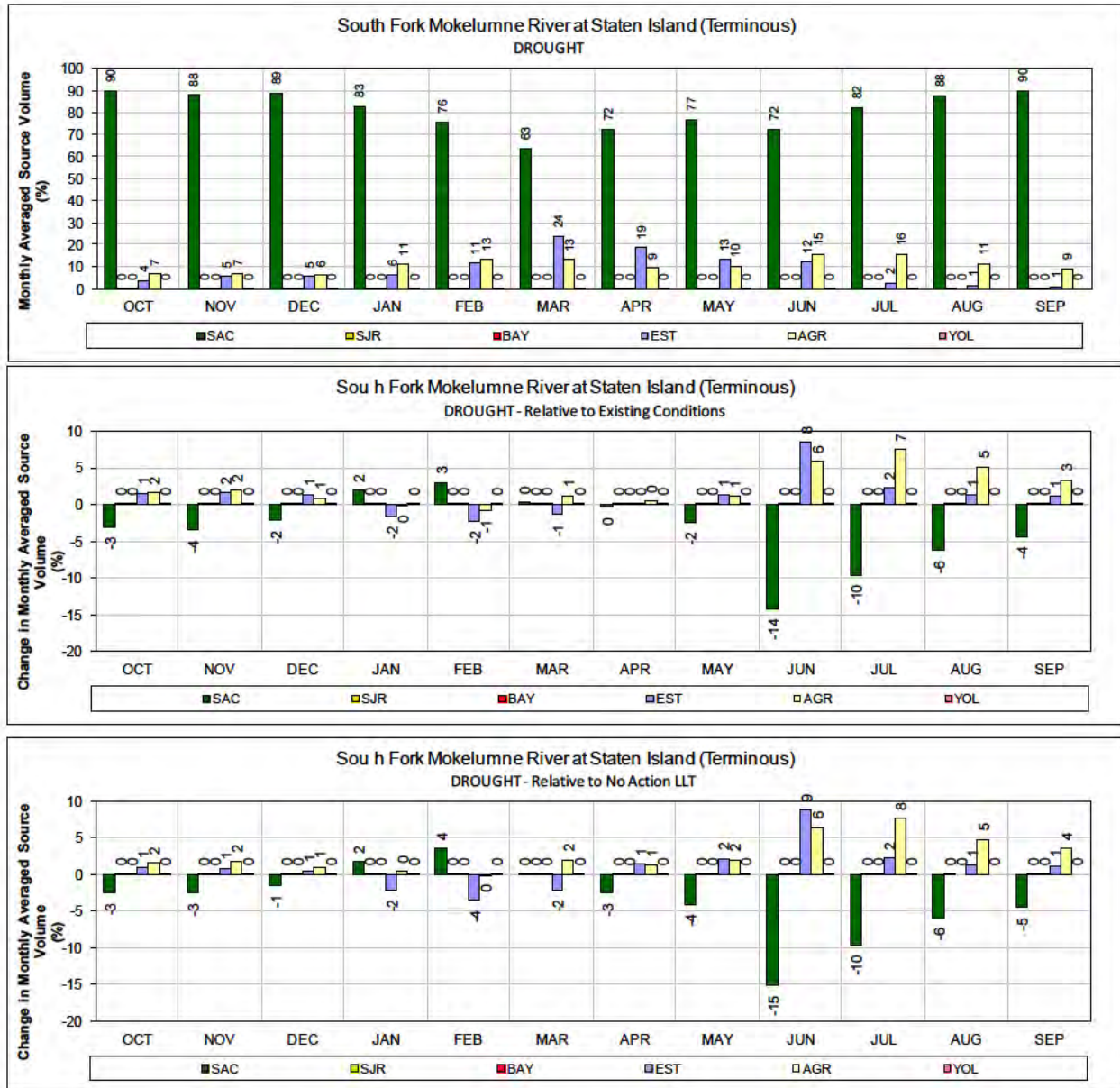


1 Figure 22. NA LLT – Jones Pumping Plant for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).

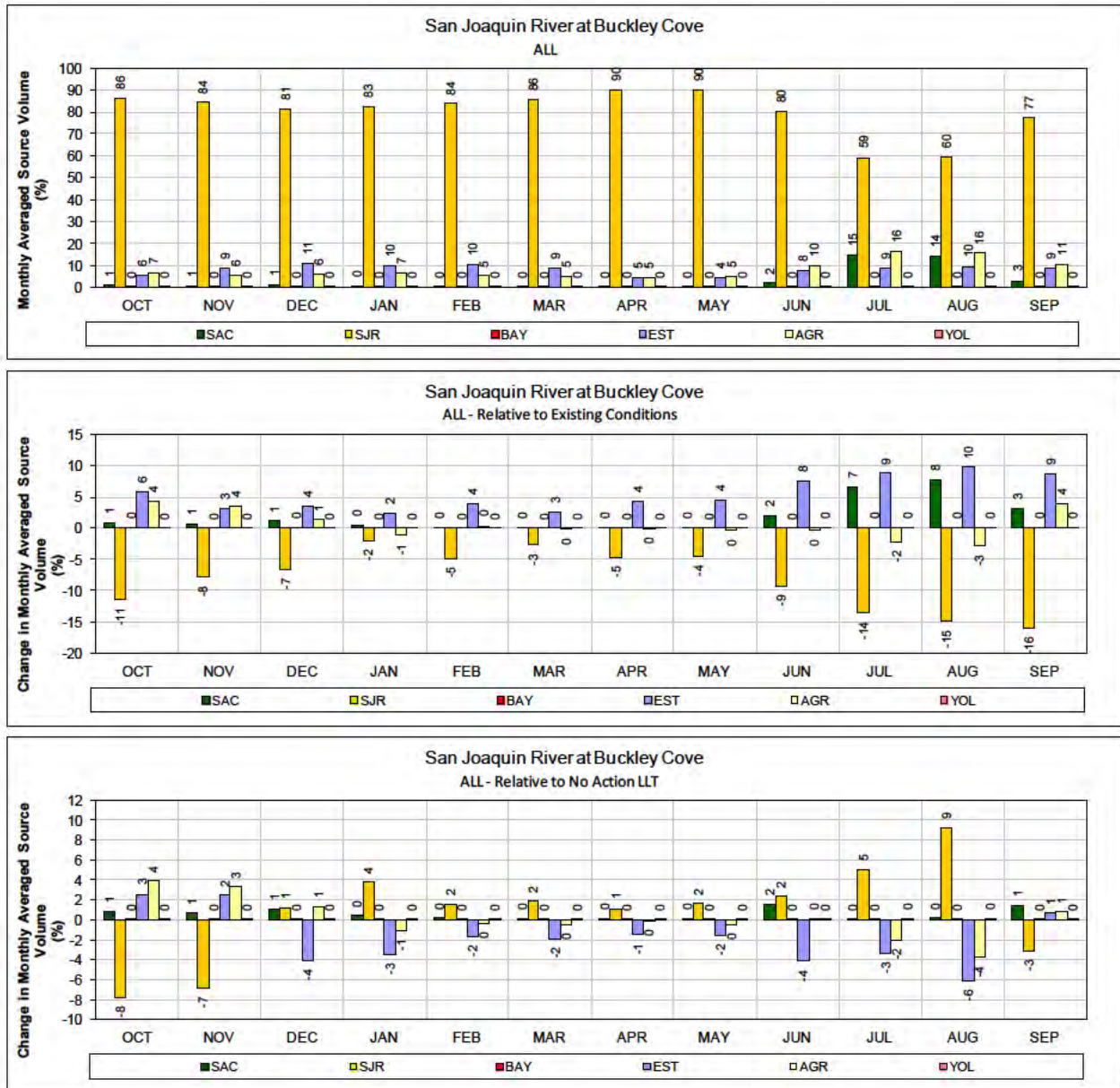
Alternative 1 LLT



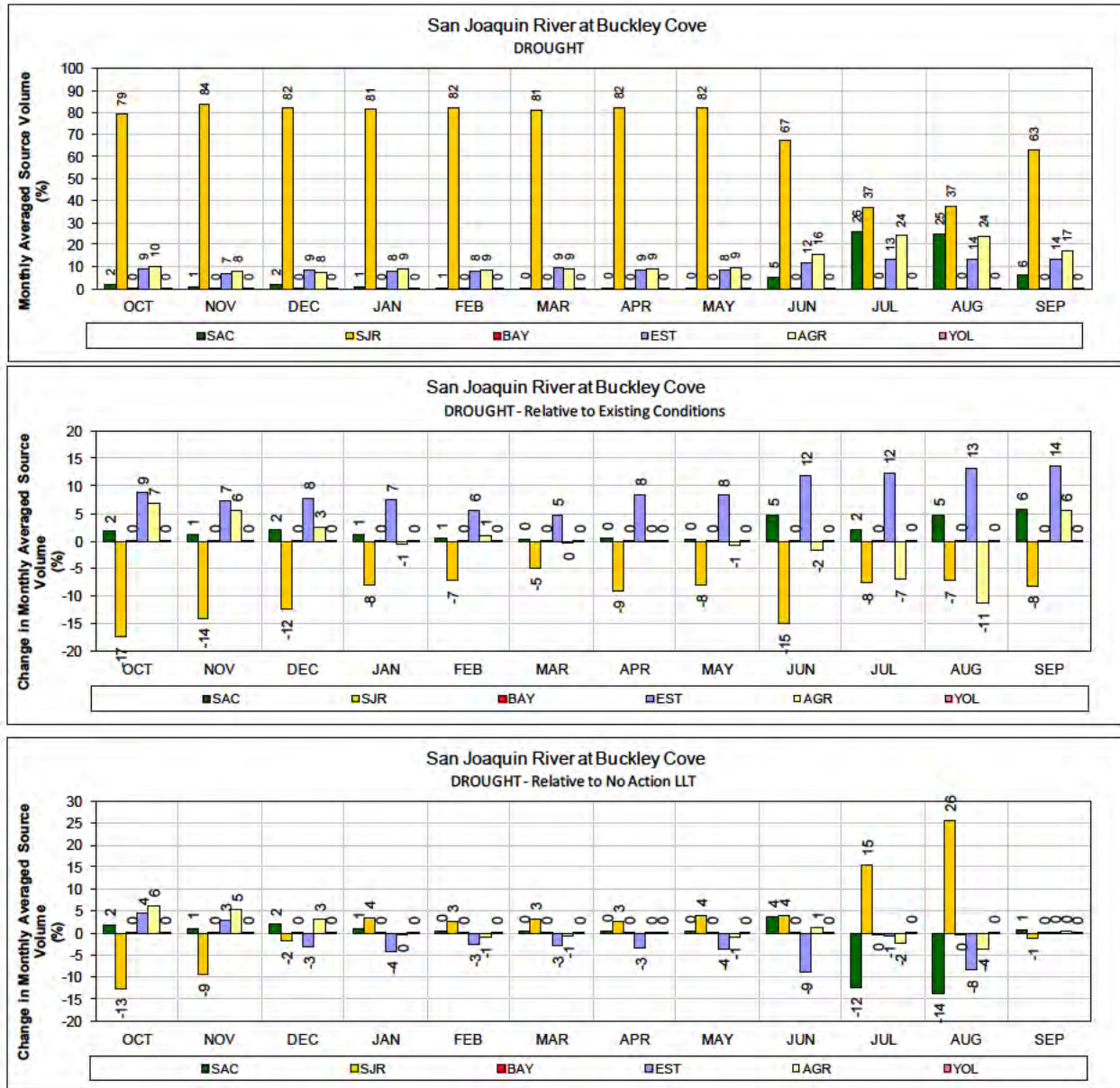
1 Figure 23. ALT 1 – Mokelumne River (South Fork) at Staten Island for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



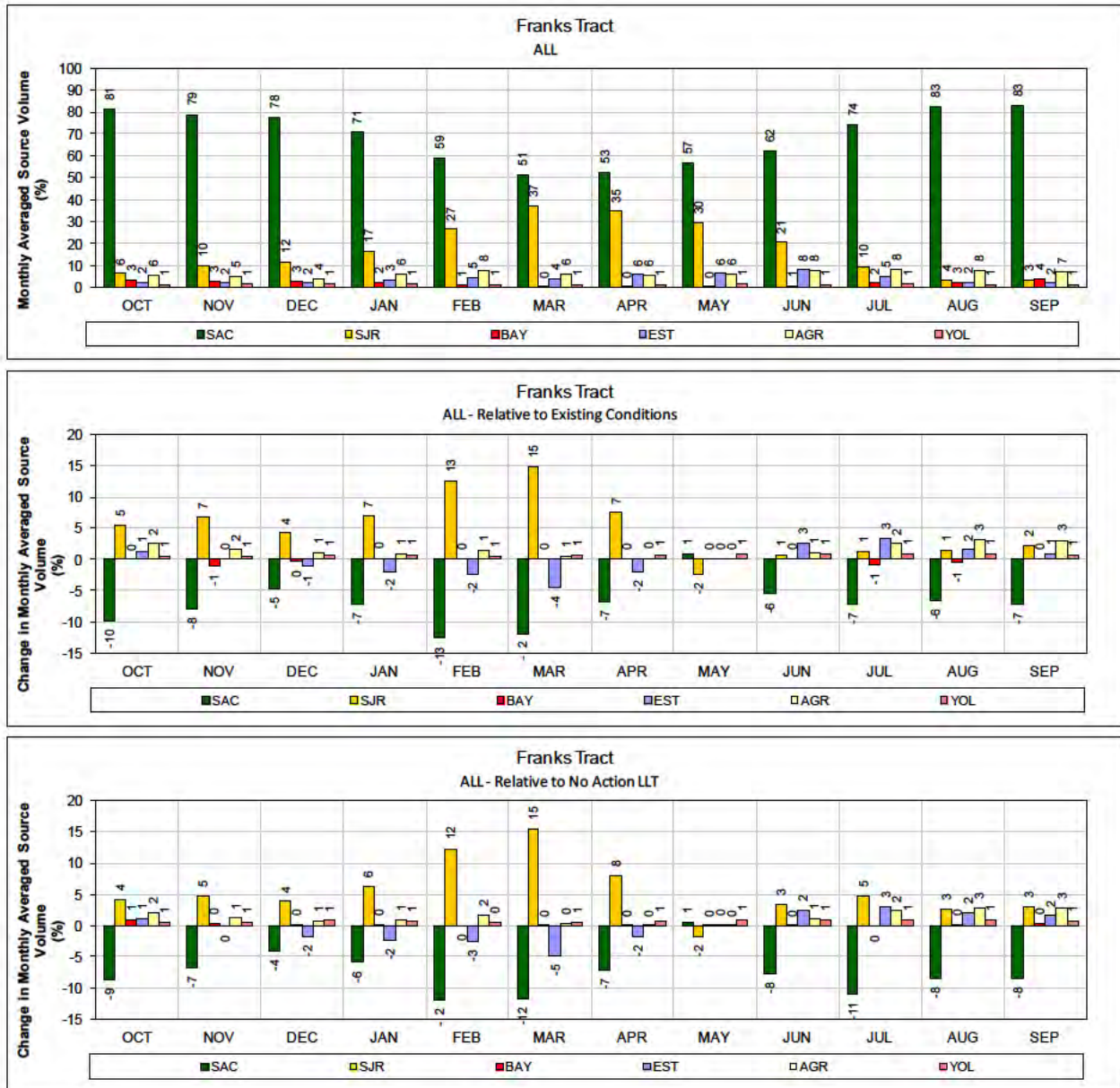
1 Figure 24. ALT 1 – Mokelumne River (South Fork) at Staten Island for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



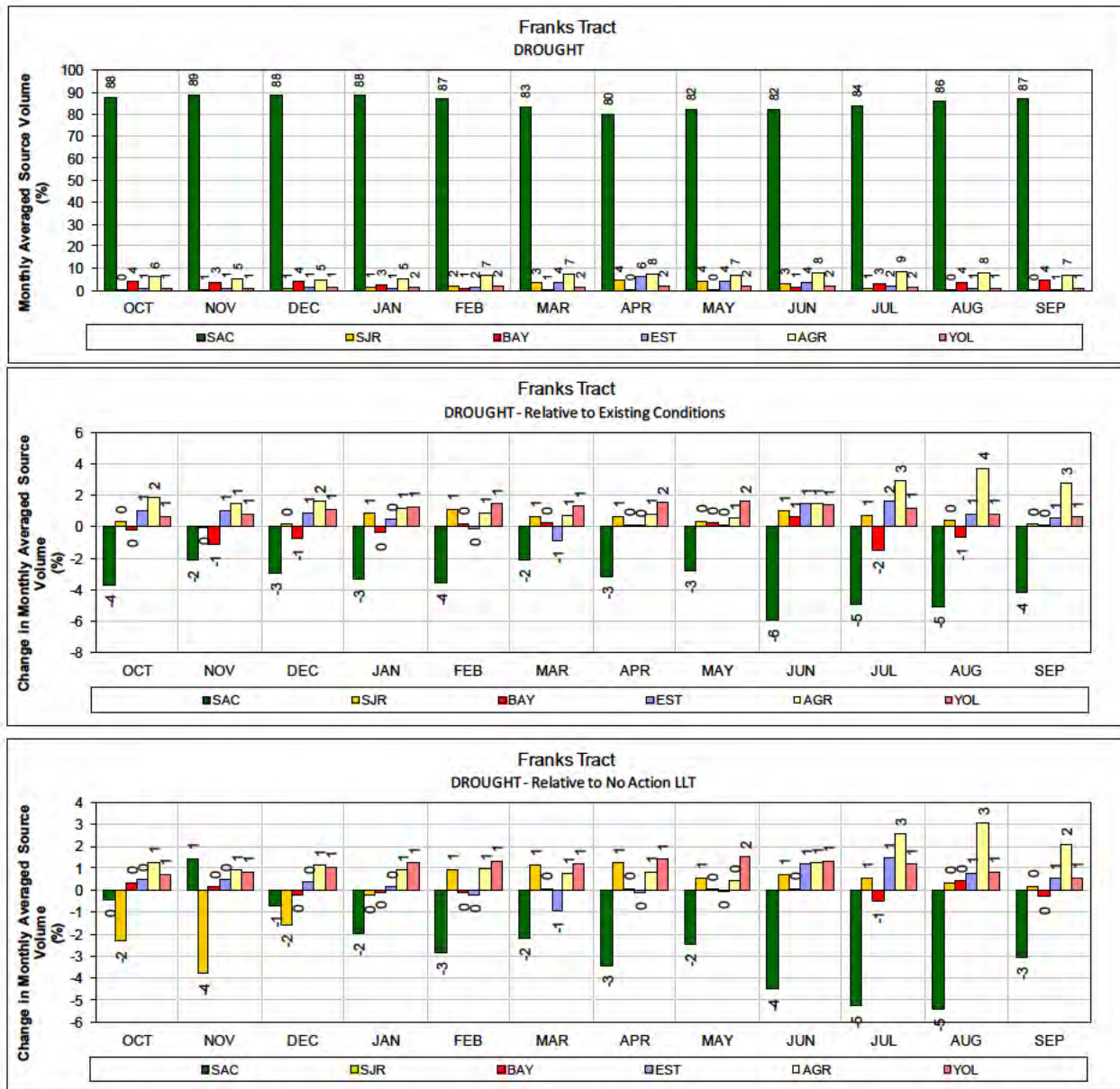
1 Figure 25. ALT 1 – San Joaquin River at Buckley Cove for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



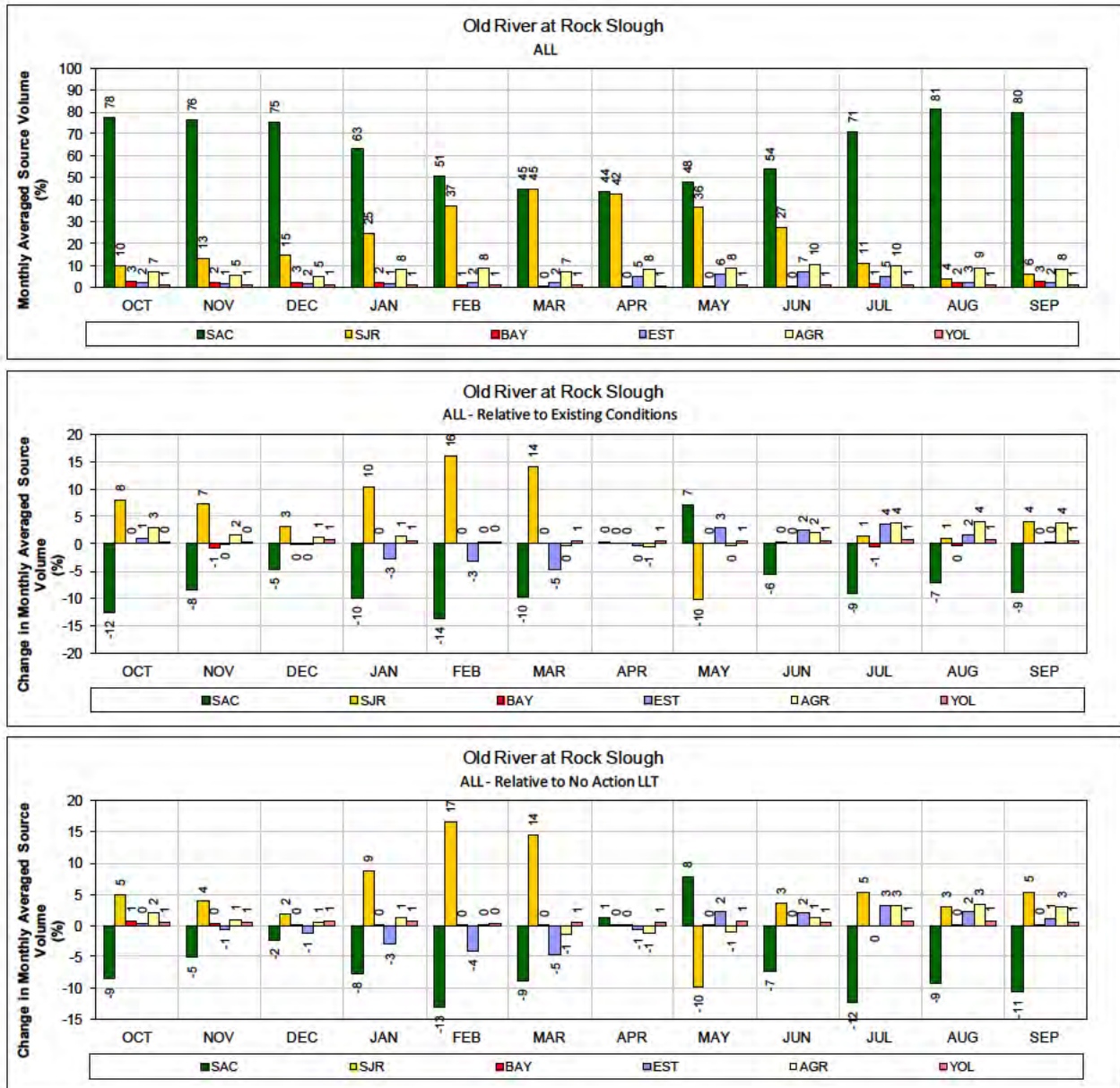
1 **Figure 26. ALT 1 – San Joaquin River at Buckley Cove for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



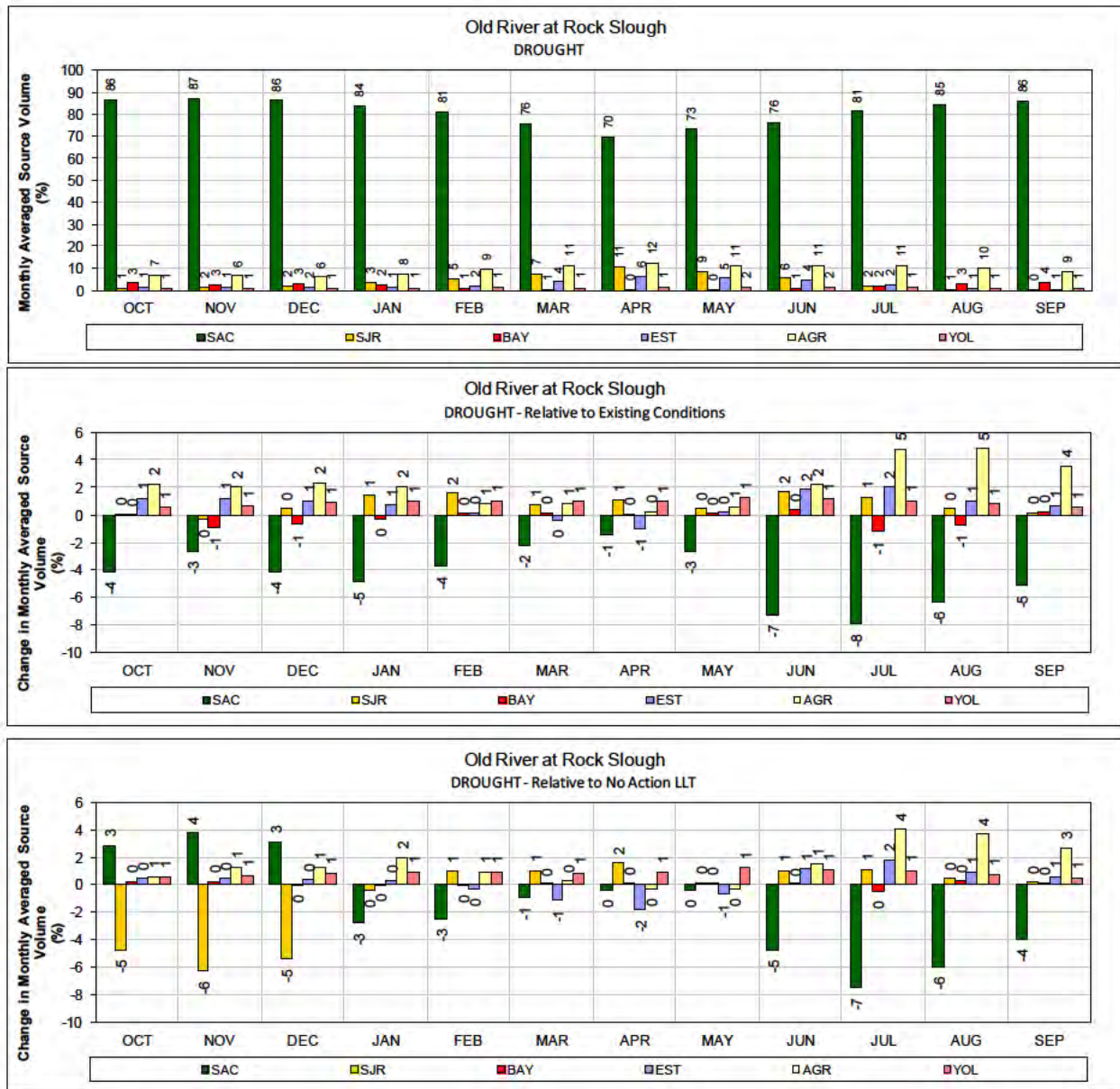
1 Figure 27. ALT 1 – Franks Tract for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



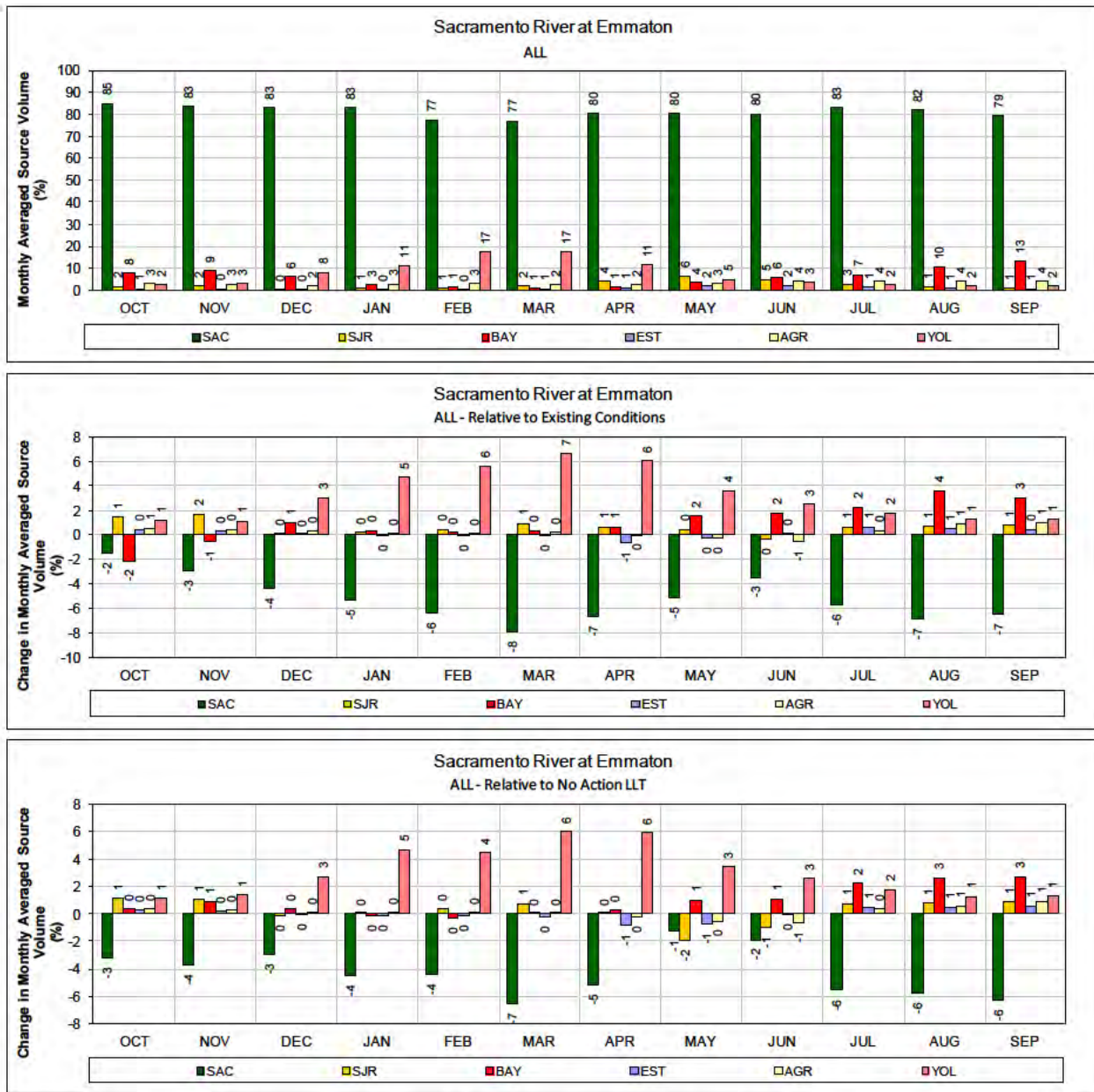
1 Figure 28. ALT 1 – Franks Tract for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



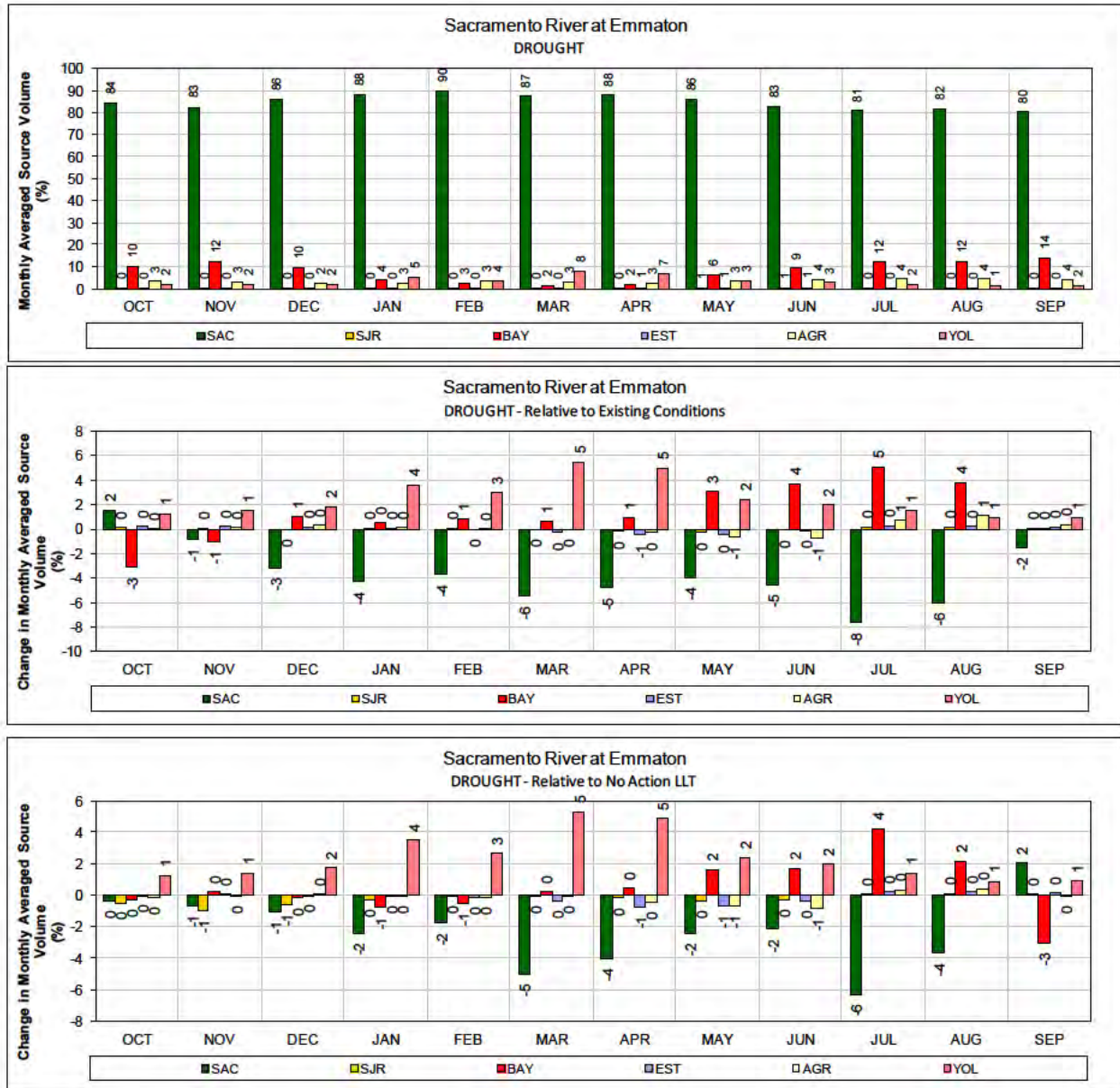
1 Figure 29. ALT 1 – Old River at Rock Slough for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



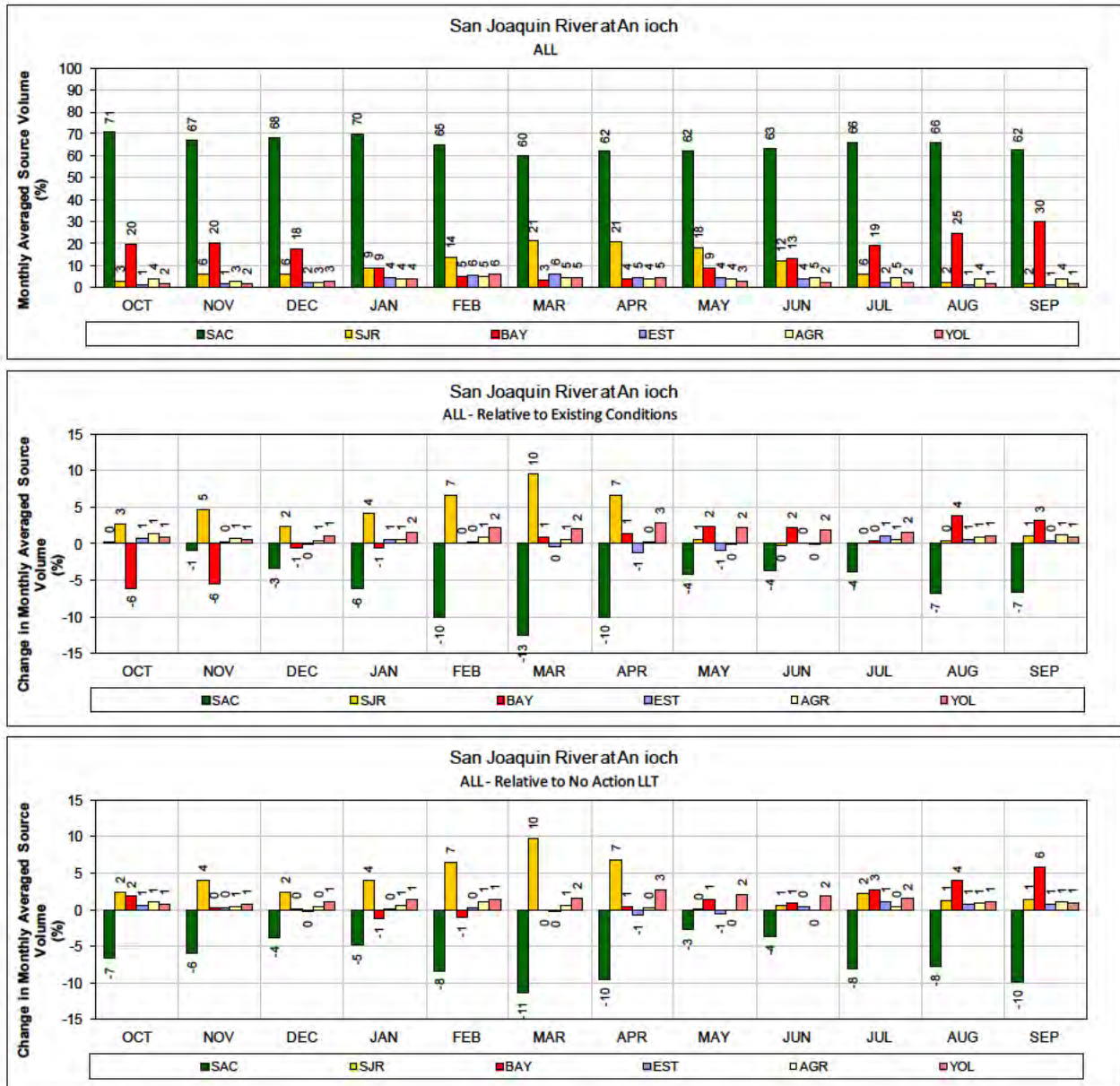
1 Figure 30. ALT 1 – Old River at Rock Slough for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



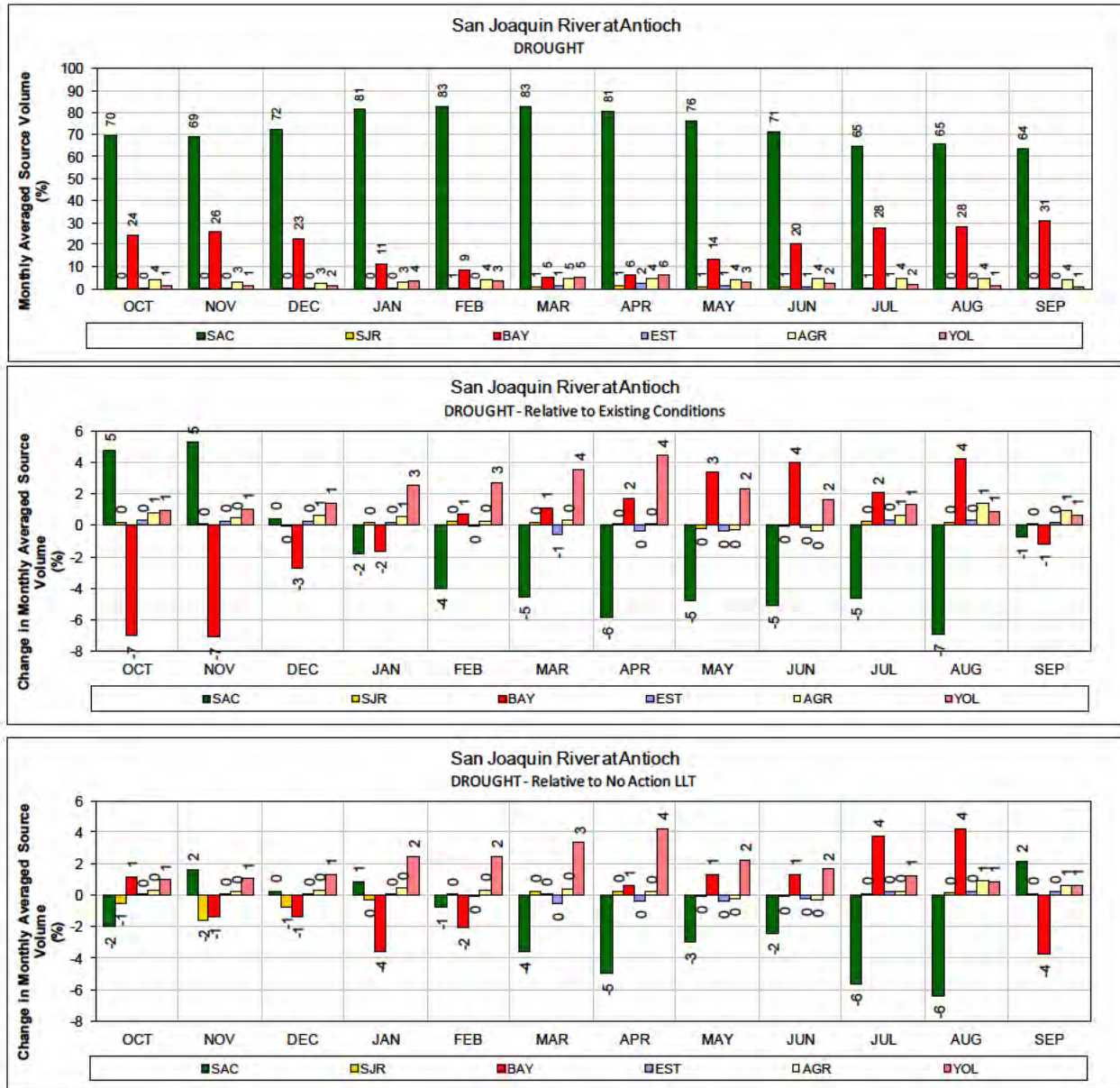
1 **Figure 31. ALT 1 – Sacramento River at Emmaton for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



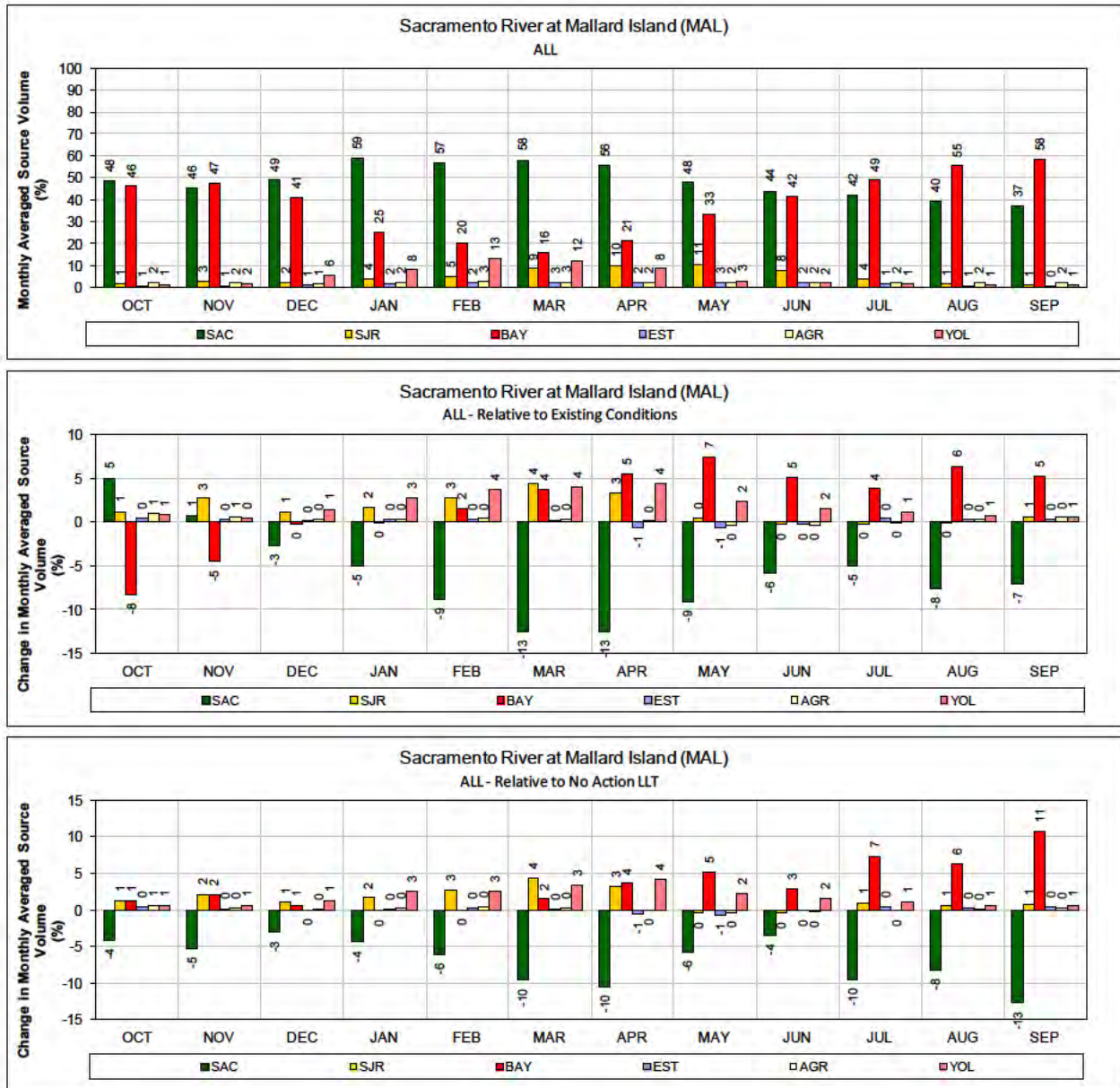
1 **Figure 32. ALT 1 – Sacramento River at Emmaton for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



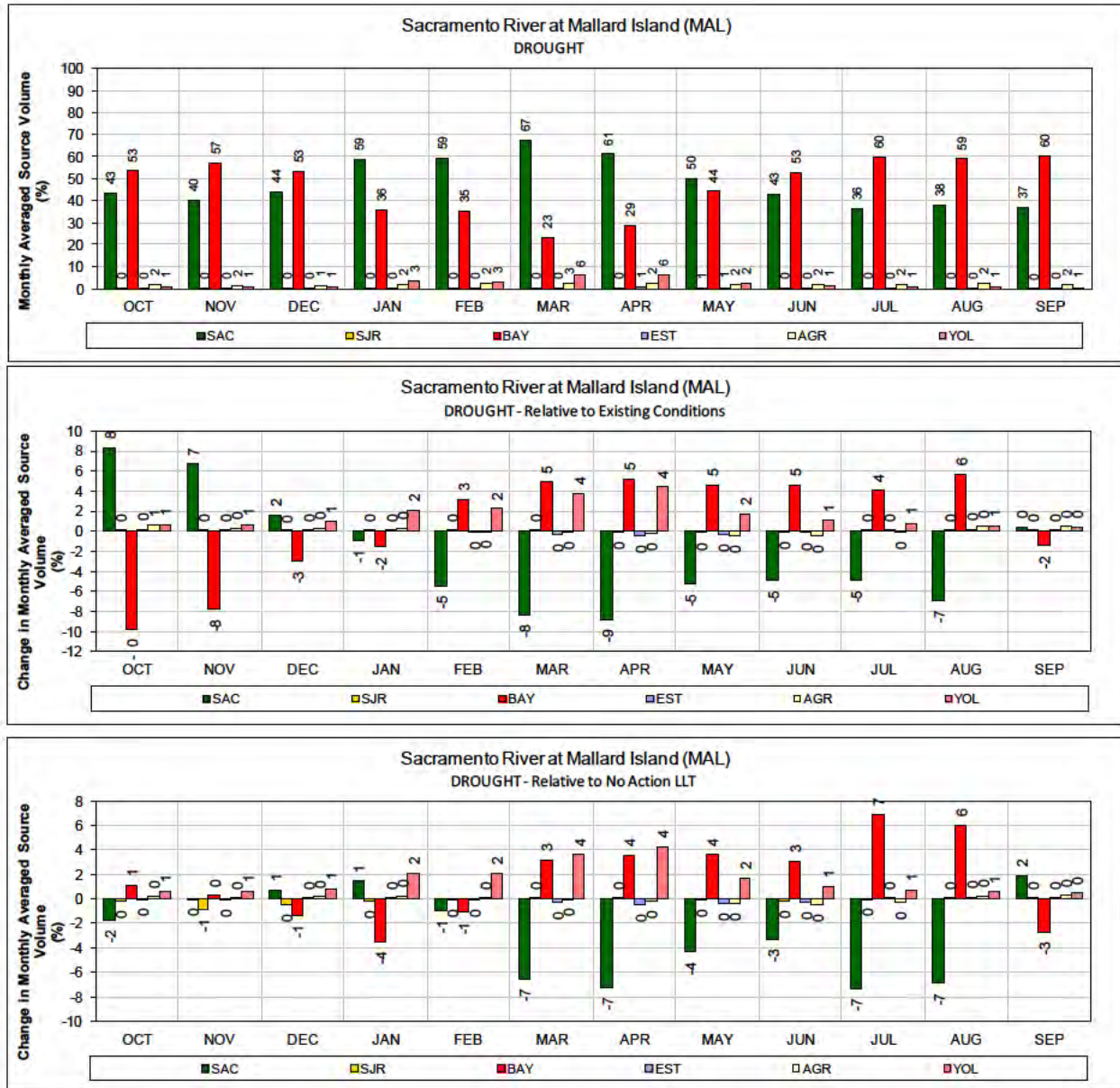
1 Figure 33. ALT 1 – San Joaquin River at Antioch for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



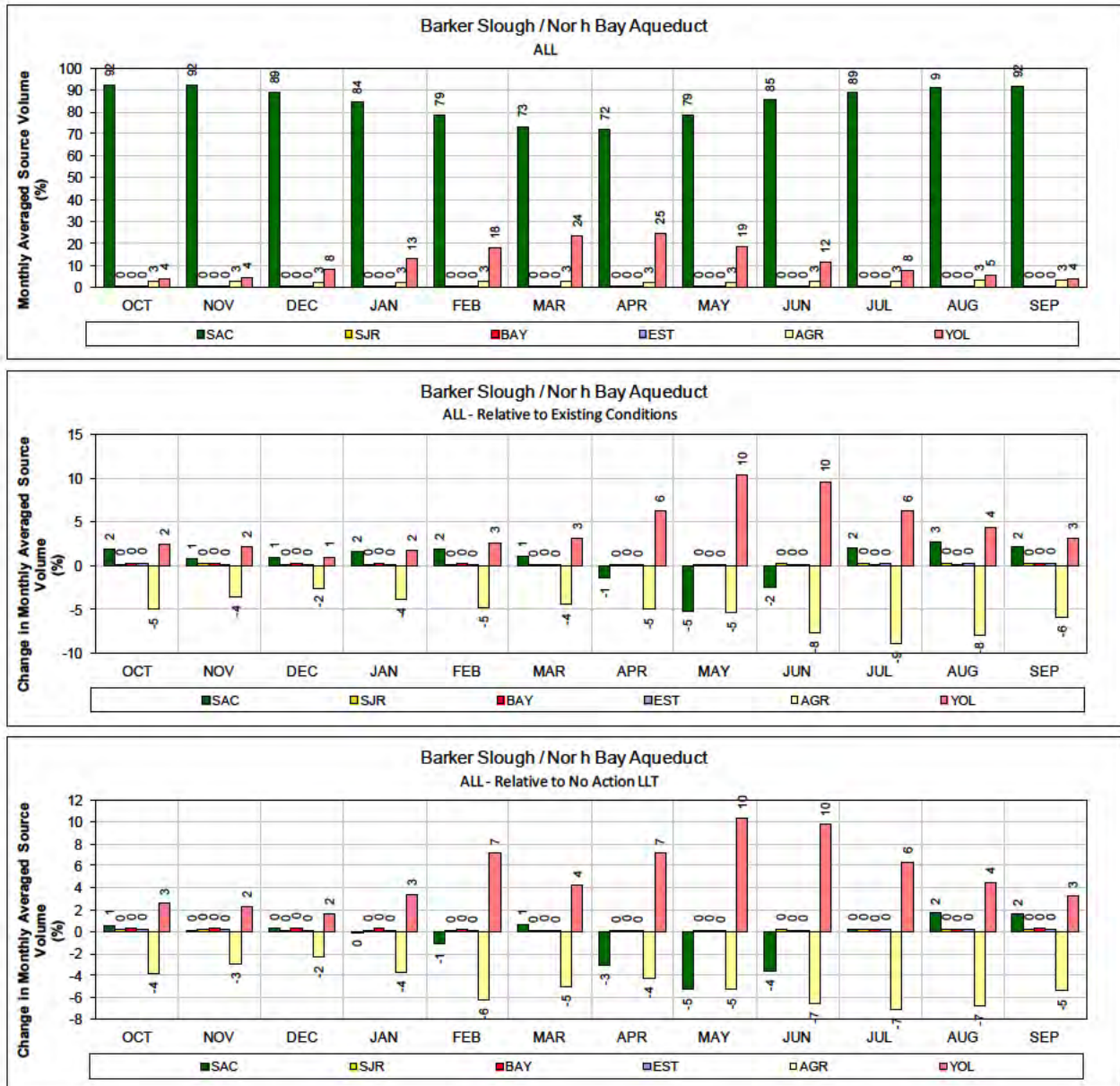
1 Figure 34. ALT 1 – San Joaquin River at Antioch for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



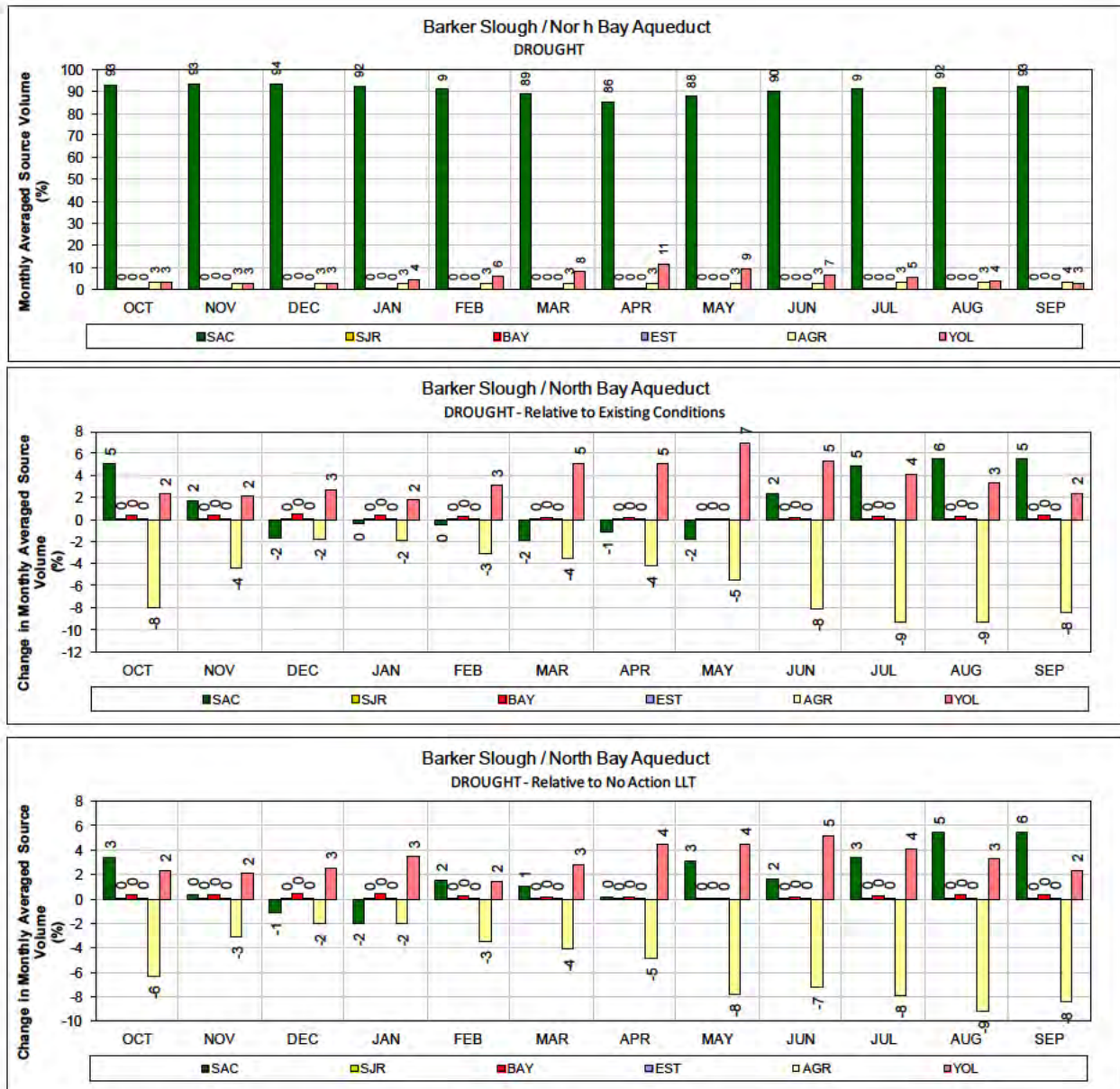
1 Figure 35. ALT 1 – Sacramento River at Mallard Island for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



1 Figure 36. ALT 1 – Sacramento River at Mallard Island for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).

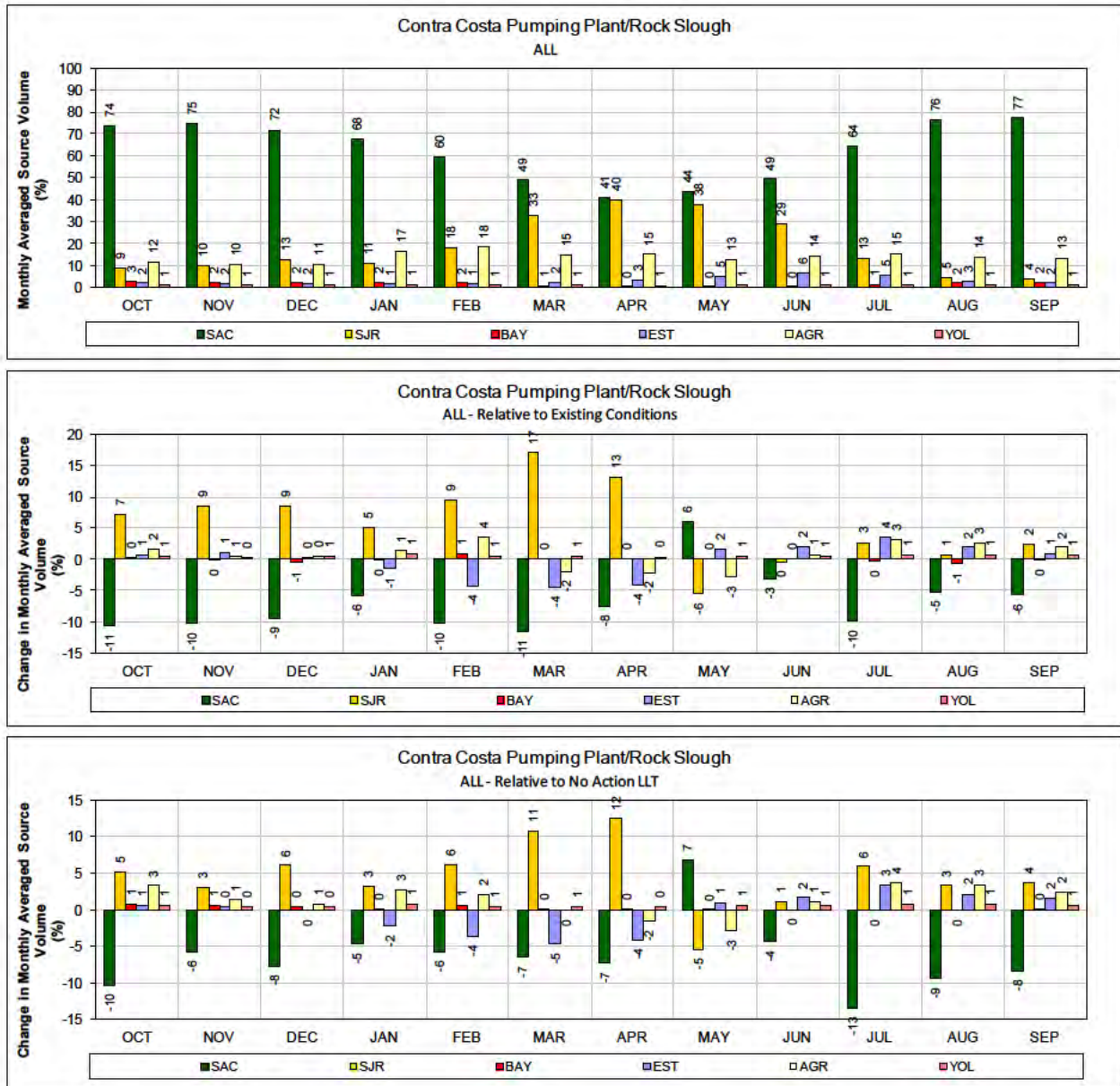


1 Figure 37. ALT 1 – North Bay Aqueduct at Barker Slough Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).

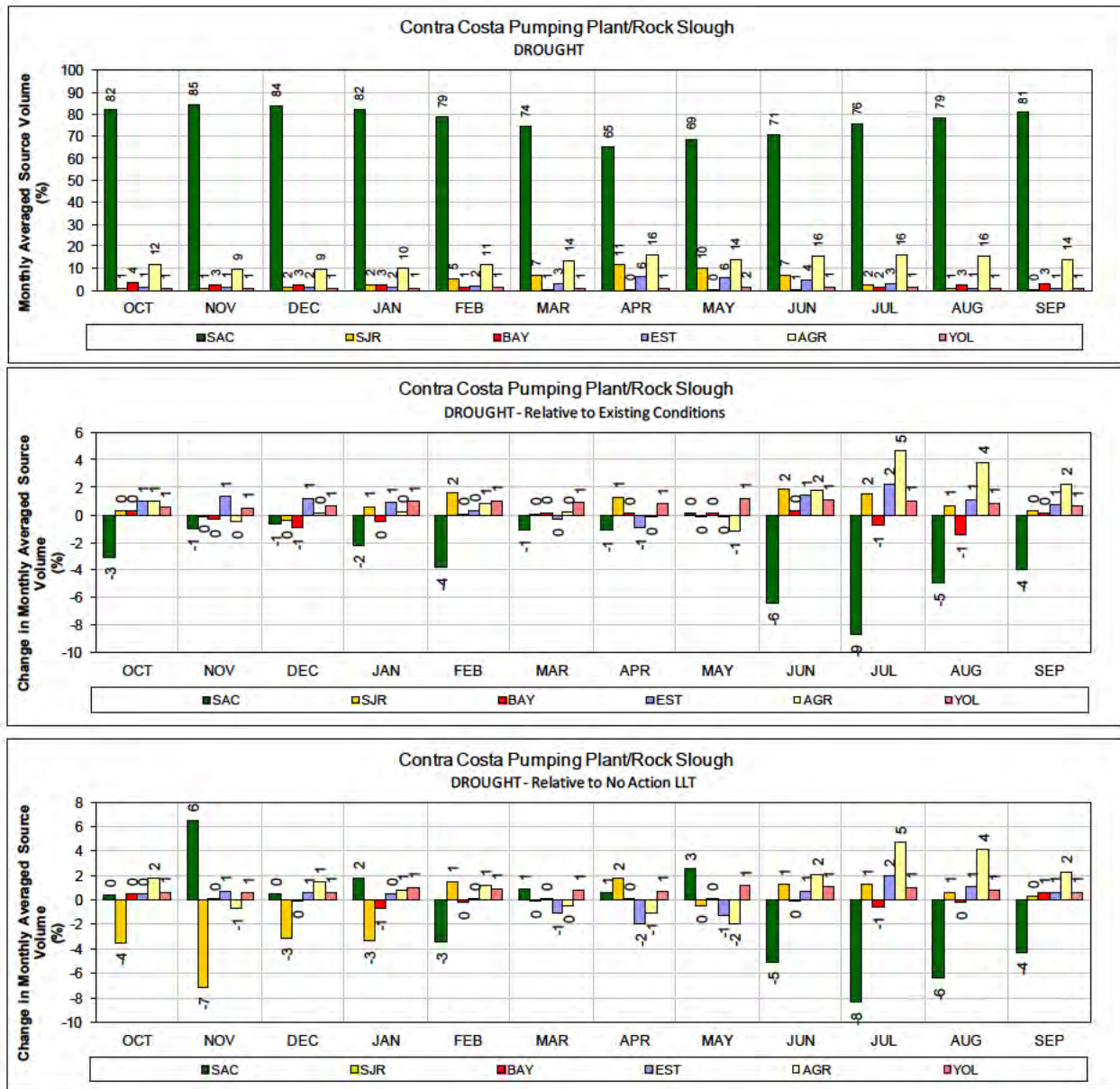


1 Figure 38. ALT 1 – North Bay Aqueduct at Barker Slough Pumping Plant for DROUGHT years
 2 (1987-1991)

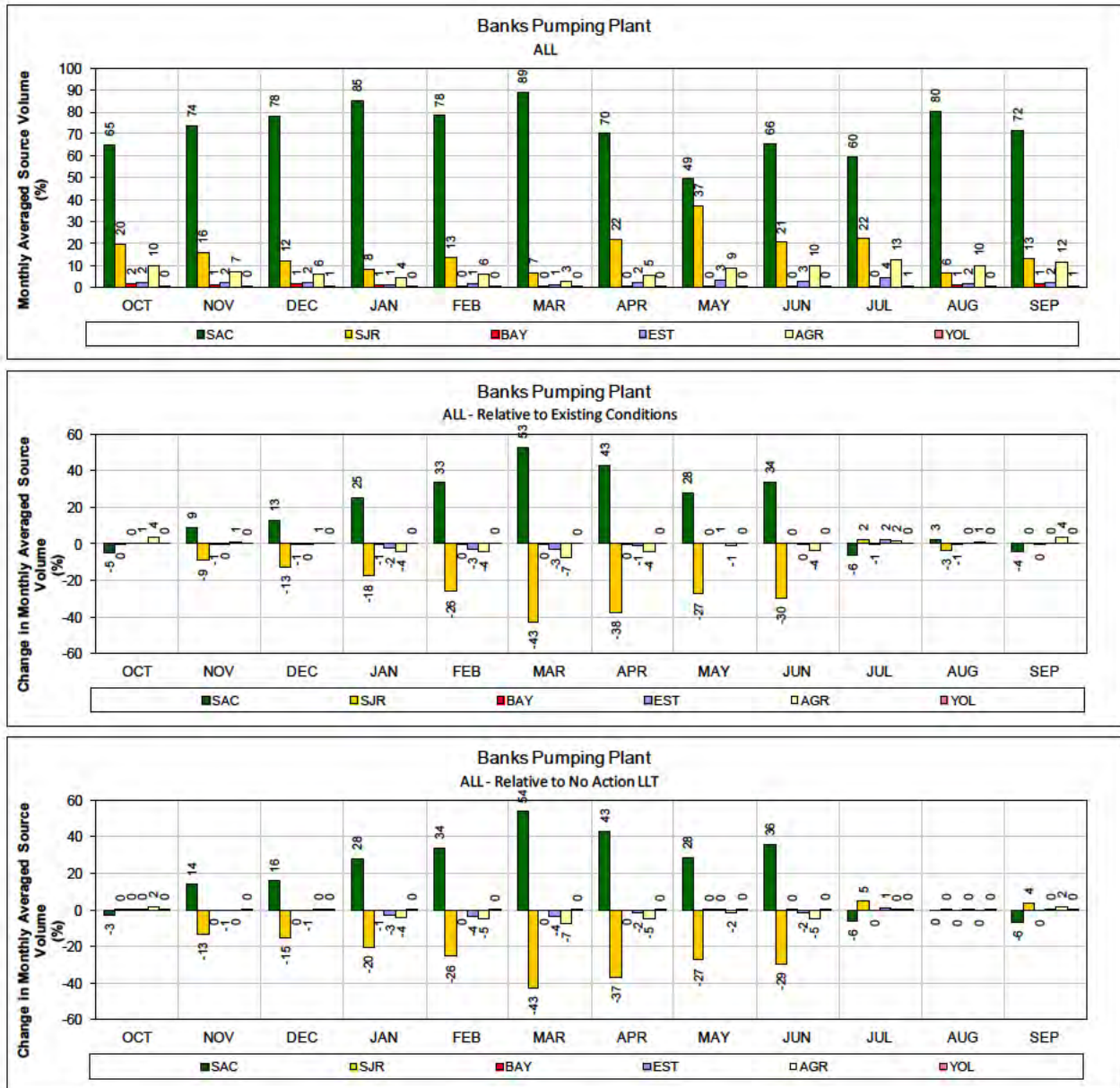
3 Monthly average source volume (top figure) and change in monthly average source volume relative to
 4 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



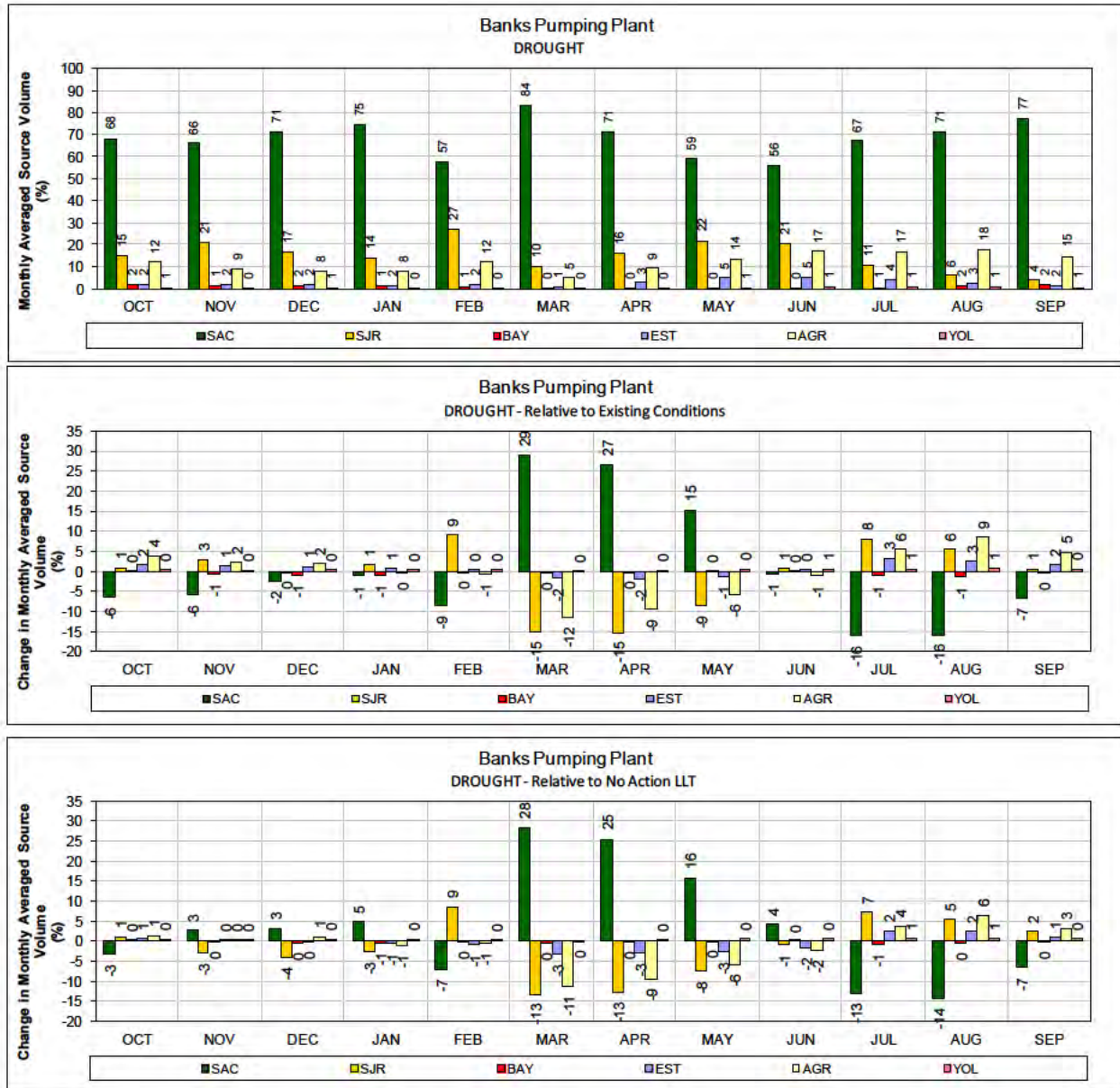
1 Figure 39. ALT 1 – Contra Costa Pumping Plant #1 for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



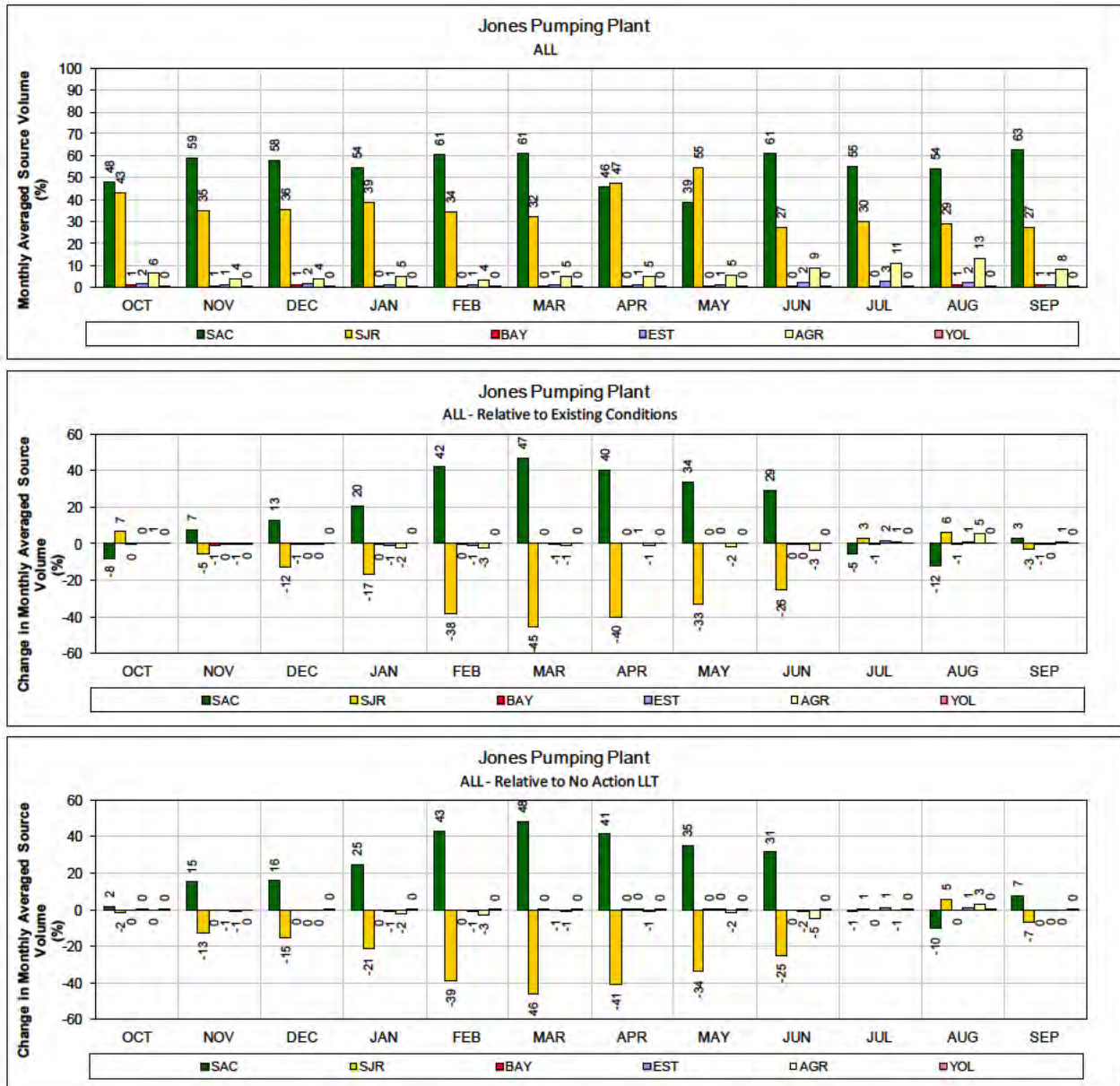
1 **Figure 40. ALT 1 – Contra Costa Pumping Plant #1 for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



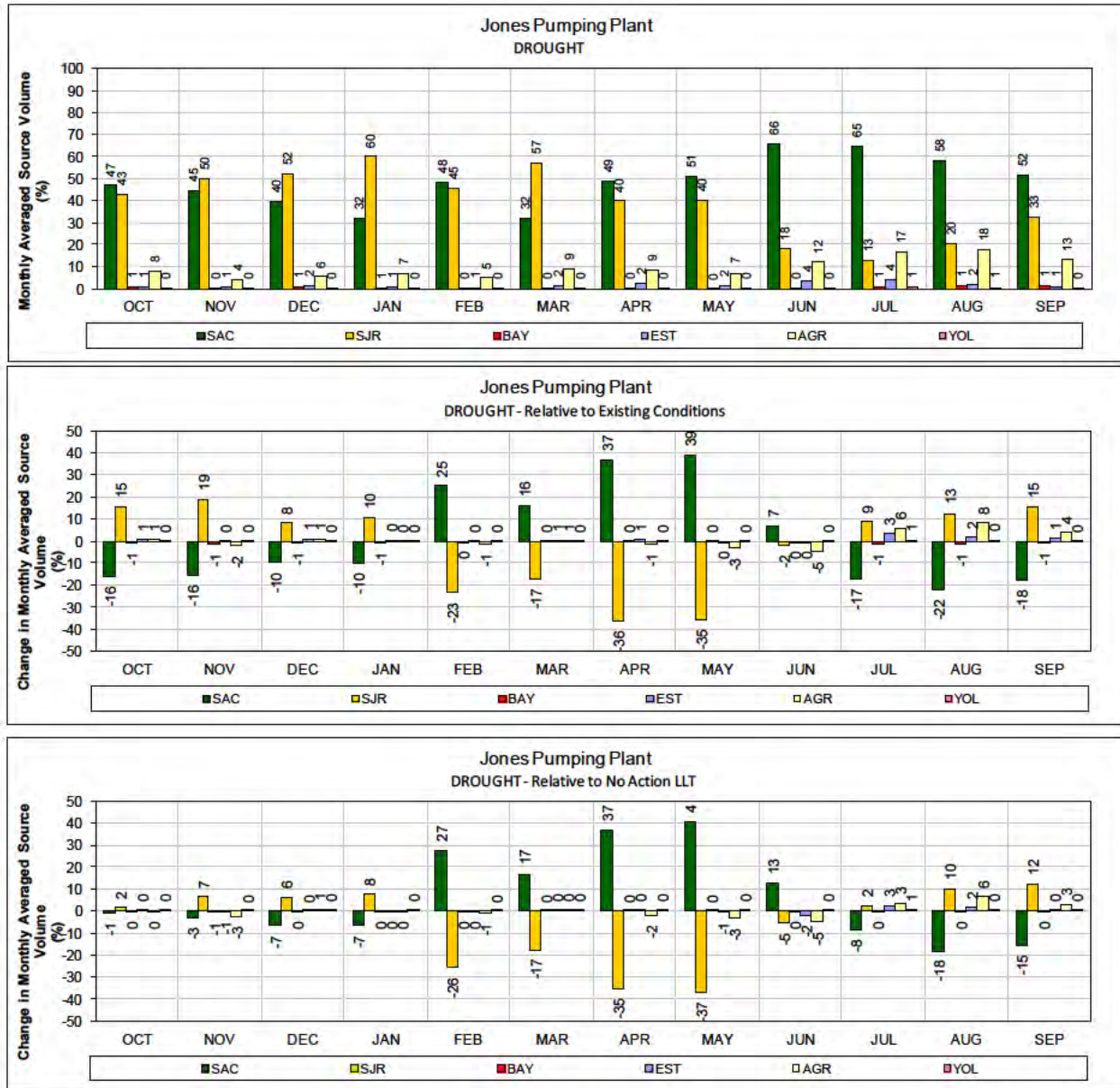
1 Figure 41. ALT 1 – Banks Pumping Plant #1 for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



1 **Figure 42. ALT 1 – Banks Pumping Plant #1 for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**

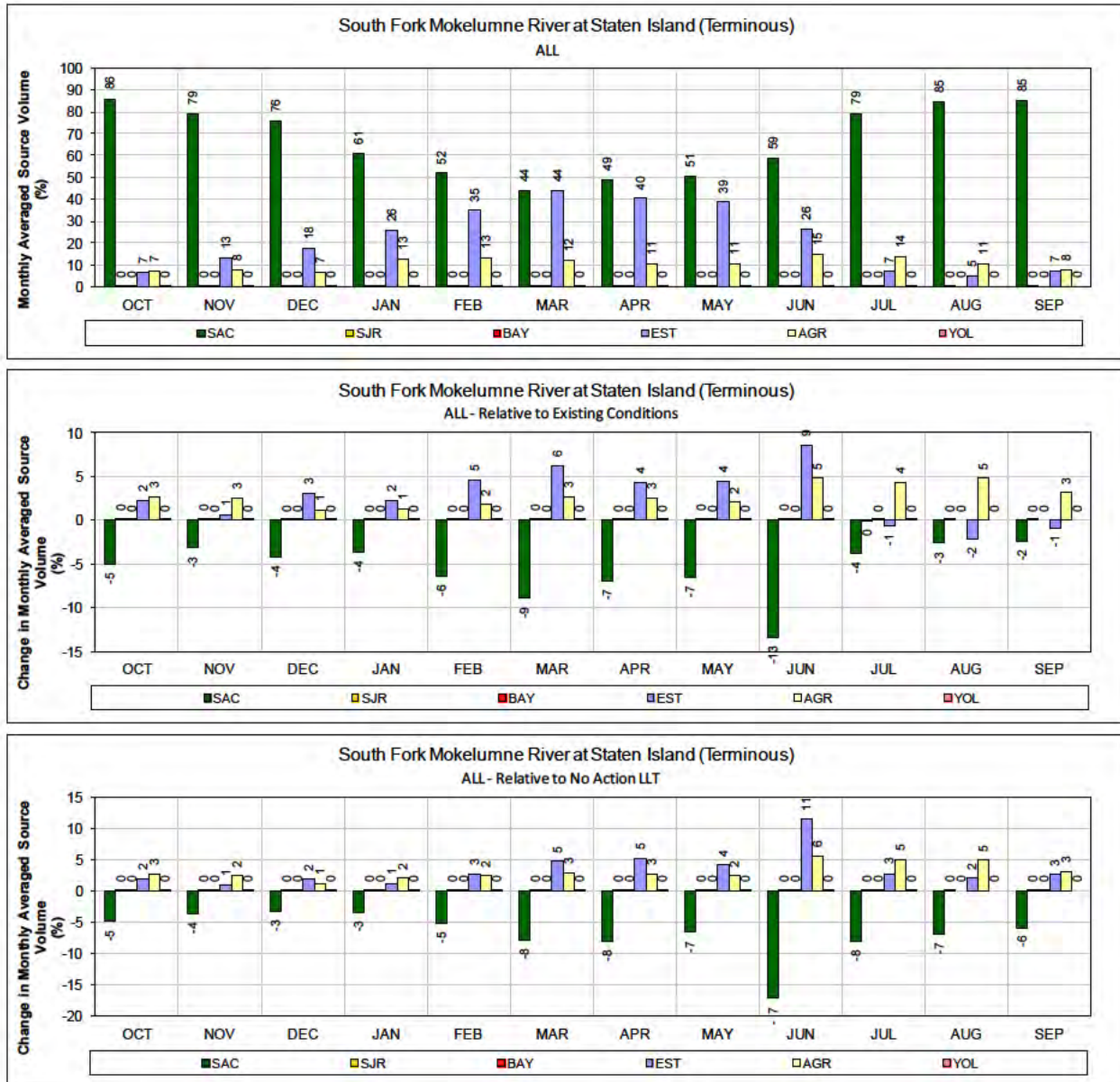


1 Figure 43. ALT 1 – Jones Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).

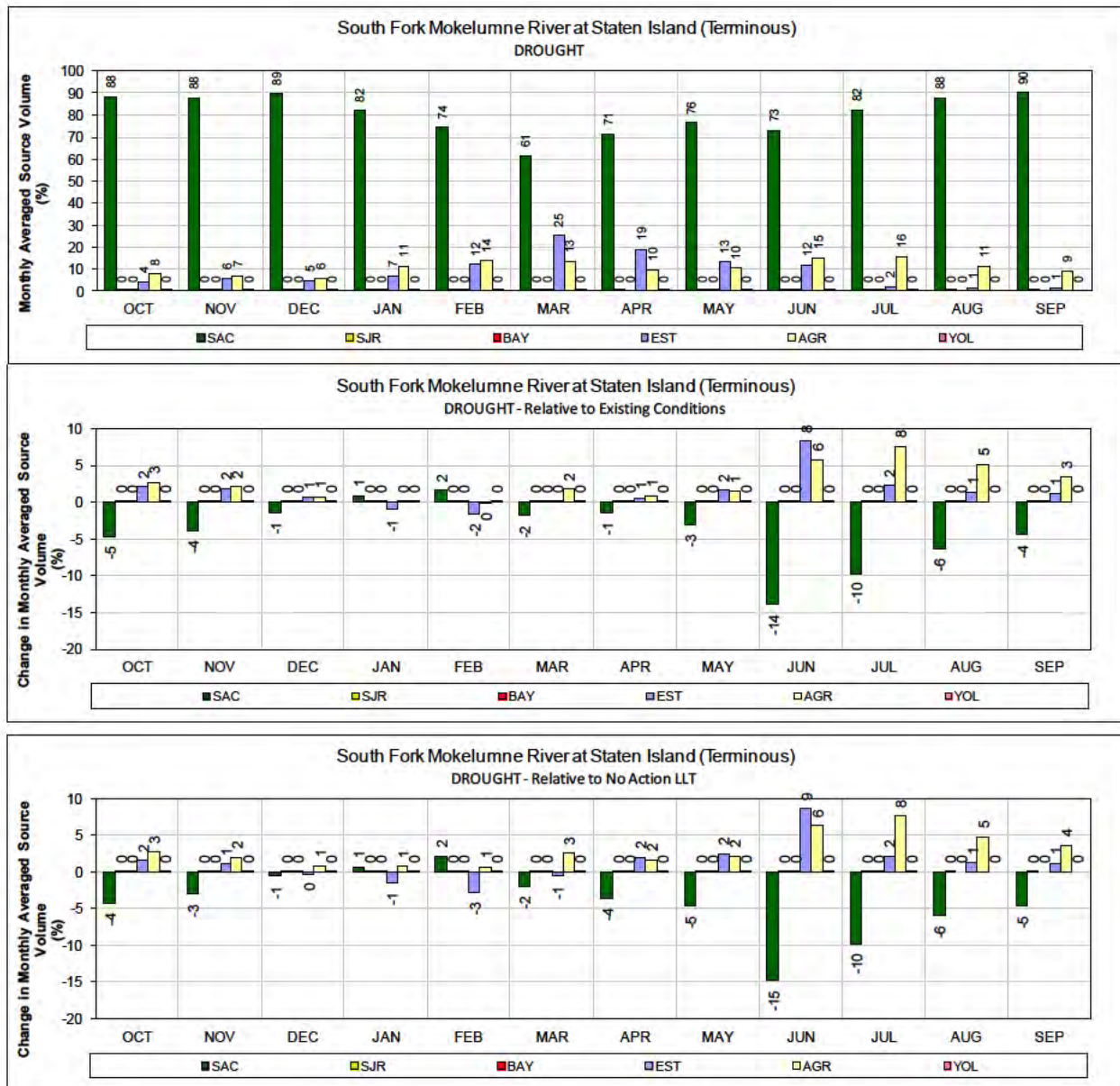


1 **Figure 44. ALT 1 – Jones Pumping Plant for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**

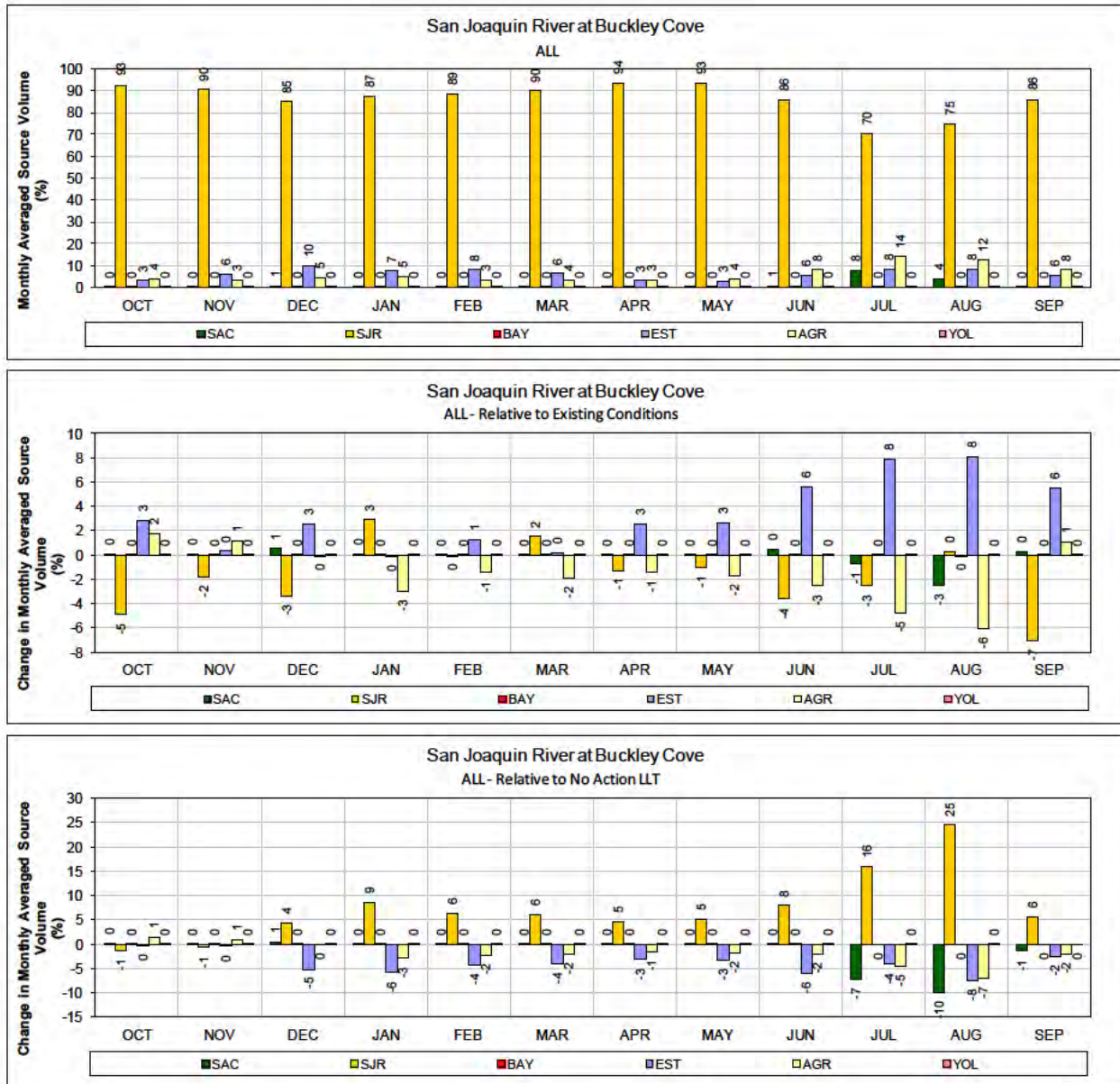
Alternative 2 LLT



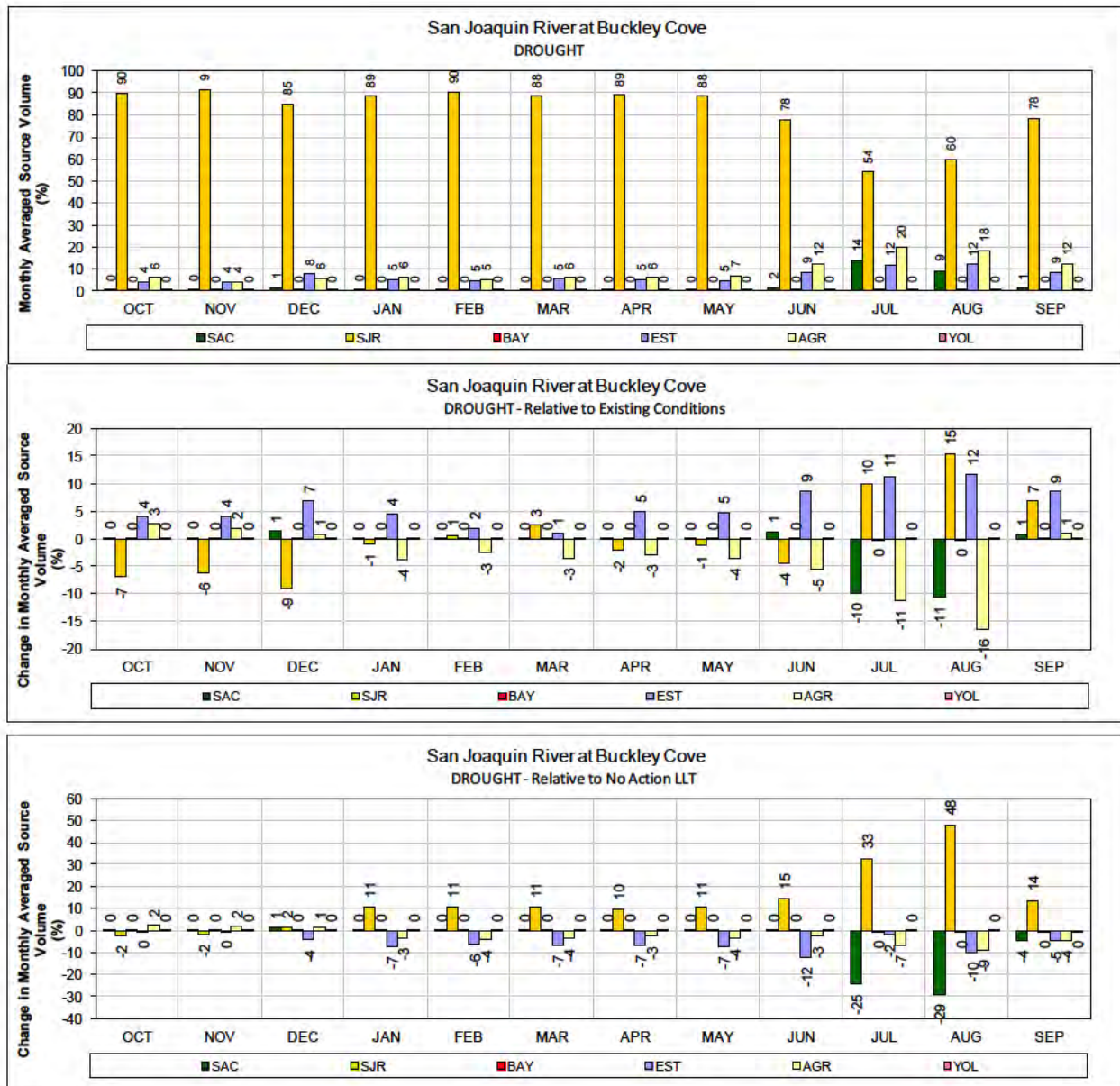
- 1 Figure 45. ALT 2 – Mokelumne River (South Fork) at Staten Island for ALL years (1976-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
- 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



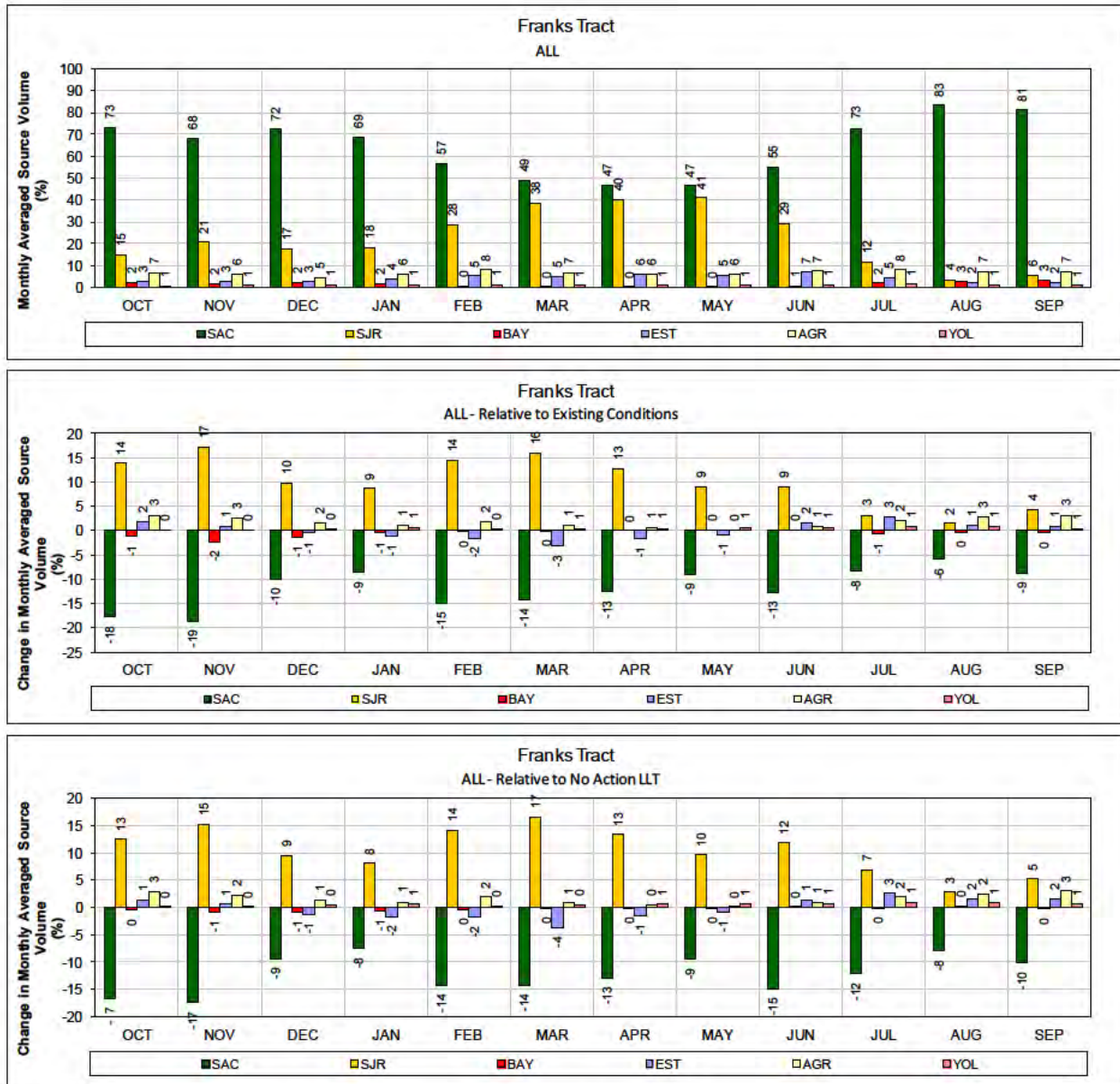
1 Figure 46. ALT 2 – Mokelumne River (South Fork) at Staten Island for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



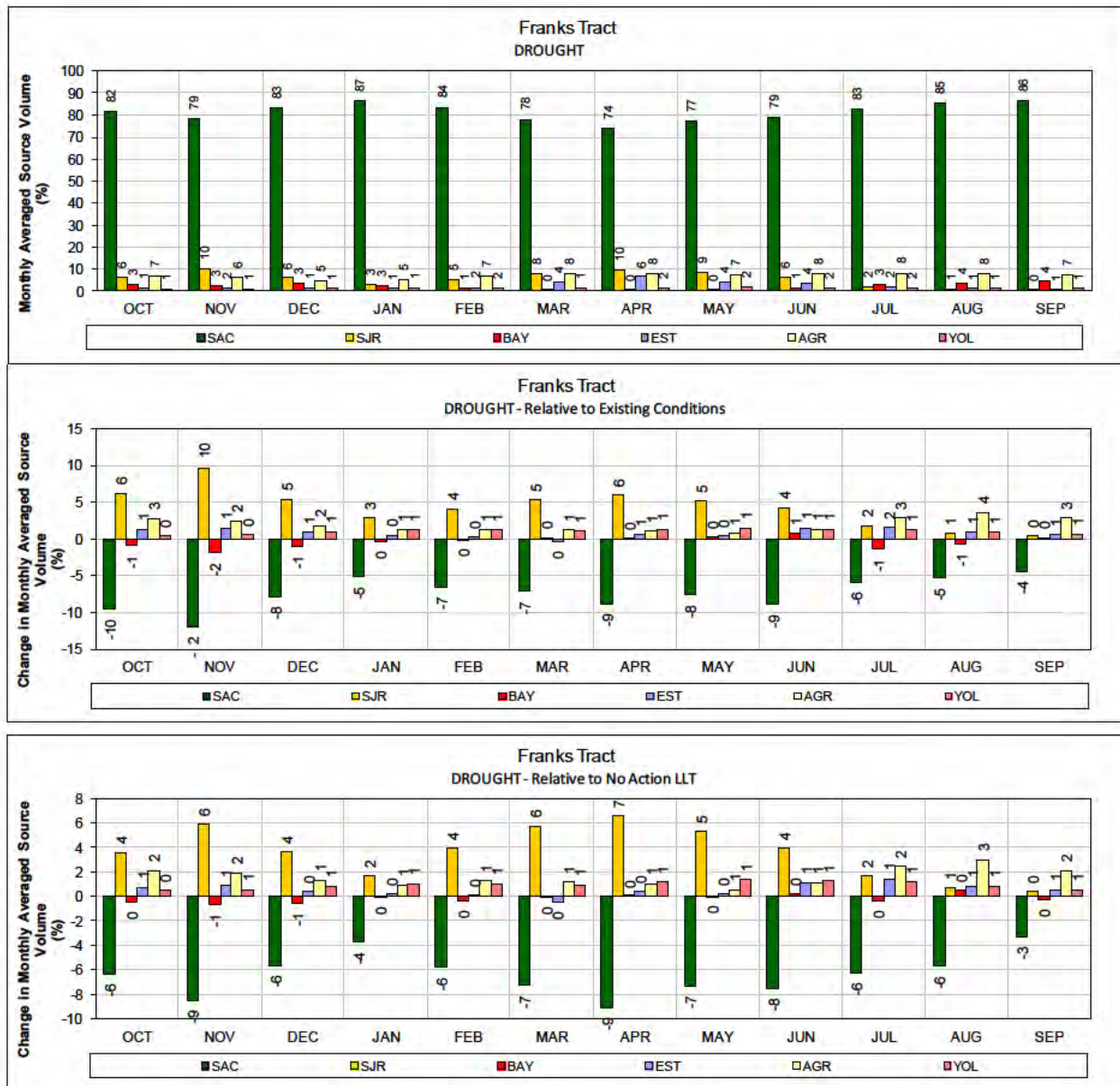
1 Figure 47. ALT 2 – San Joaquin River at Buckley Cove for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



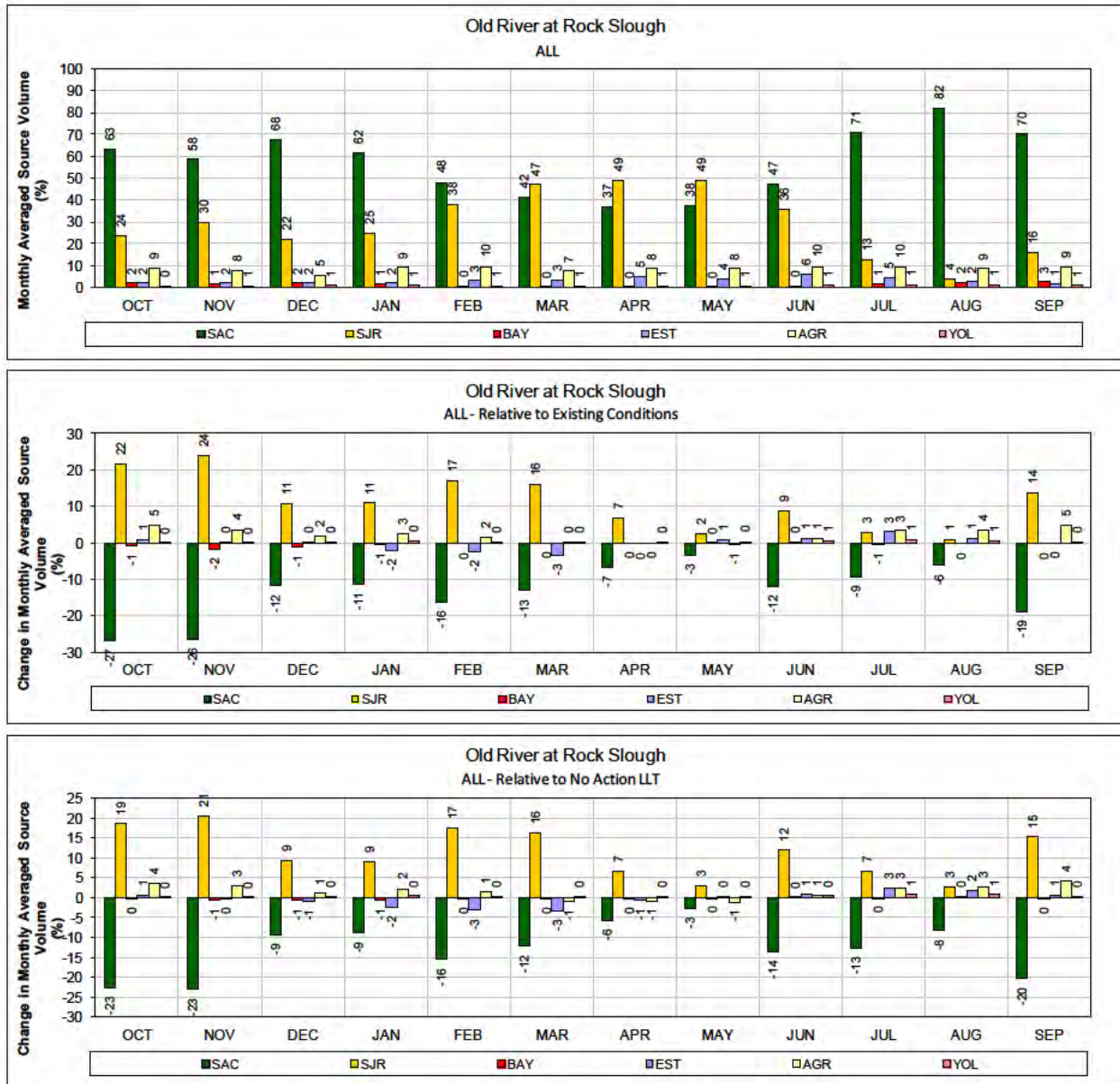
1 **Figure 48. ALT 2 – San Joaquin River at Buckley Cove for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



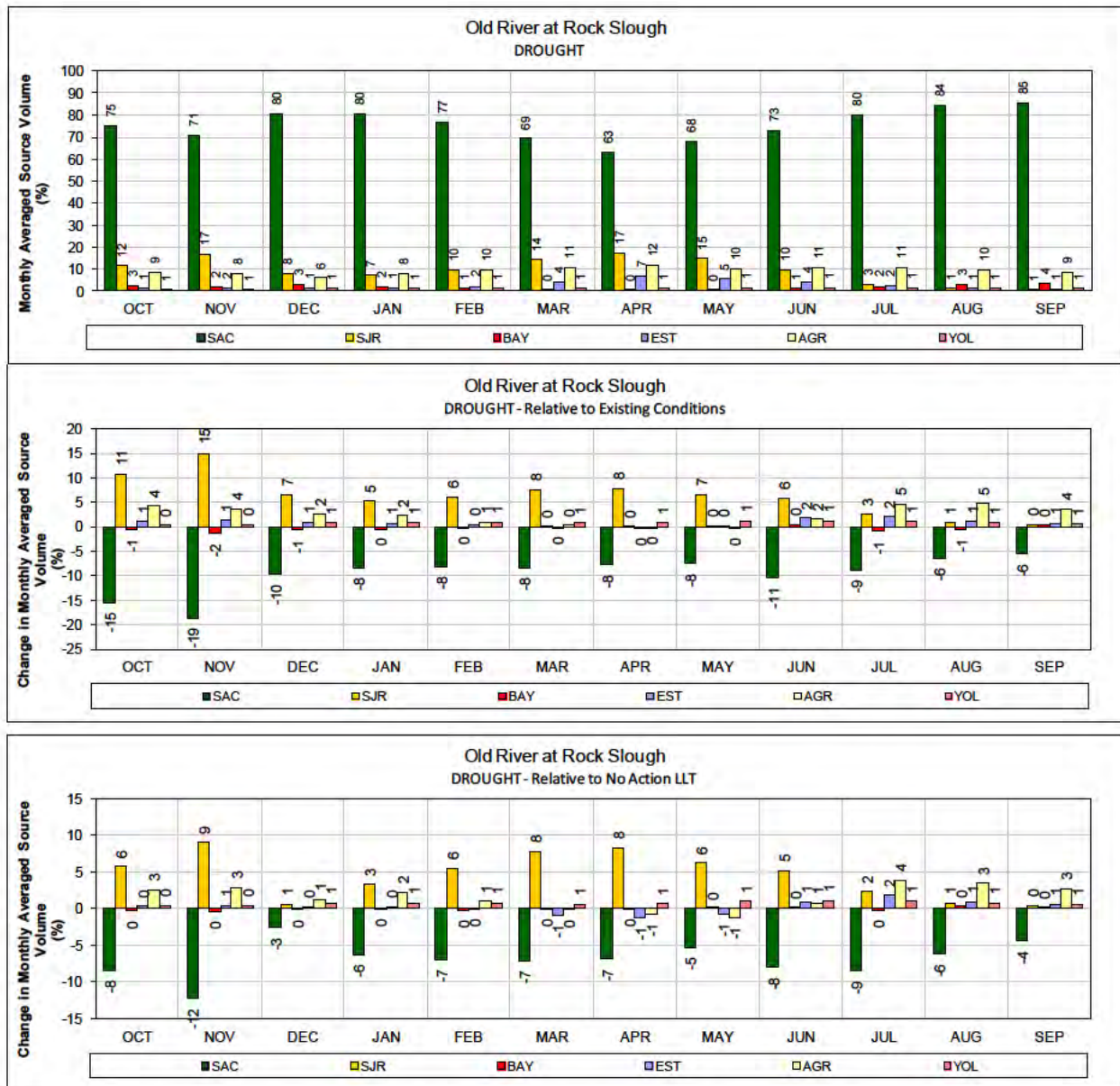
1 Figure 49. ALT 2 – Franks Tract for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



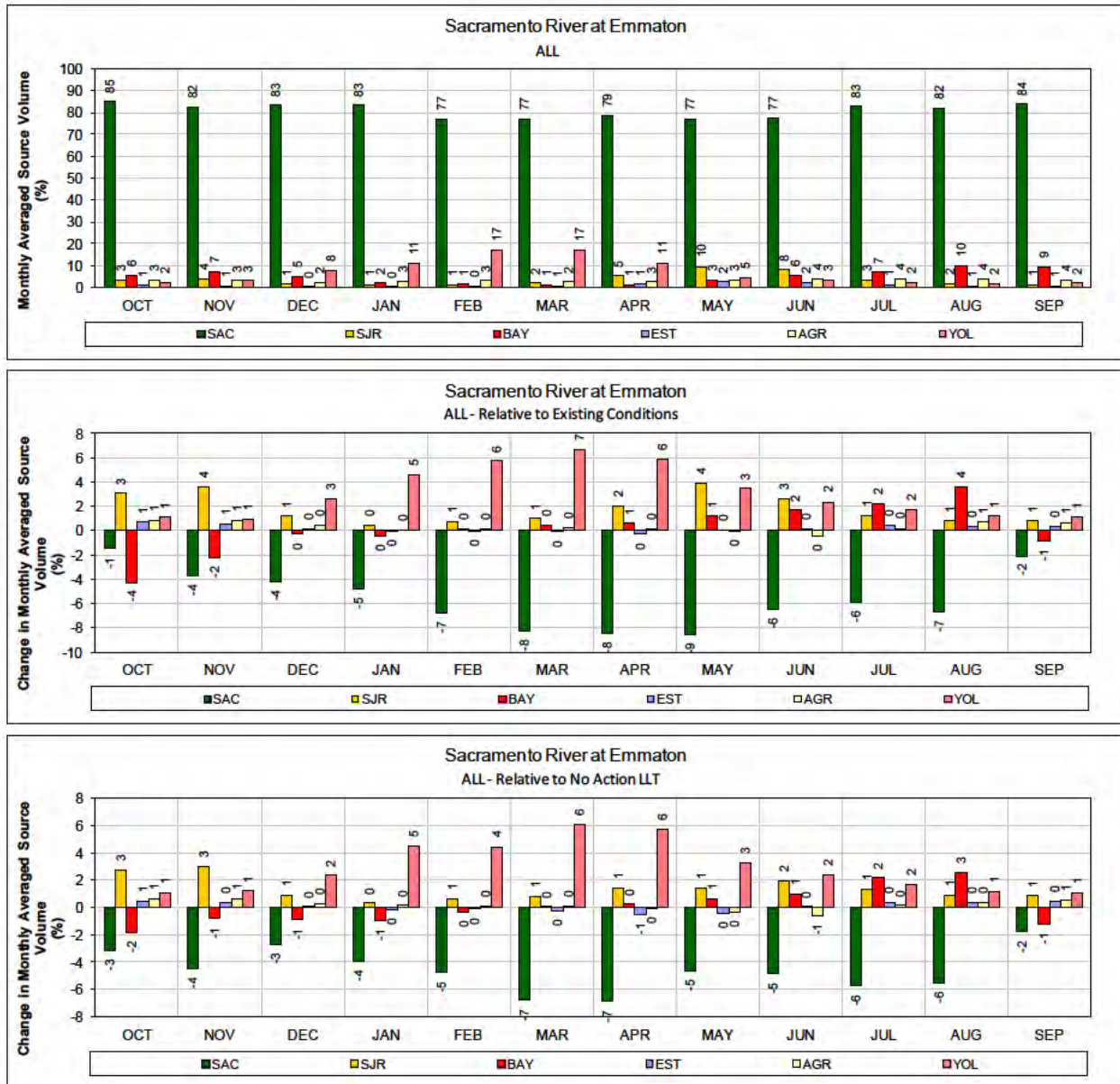
1 Figure 50. ALT 2 – Franks Tract for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



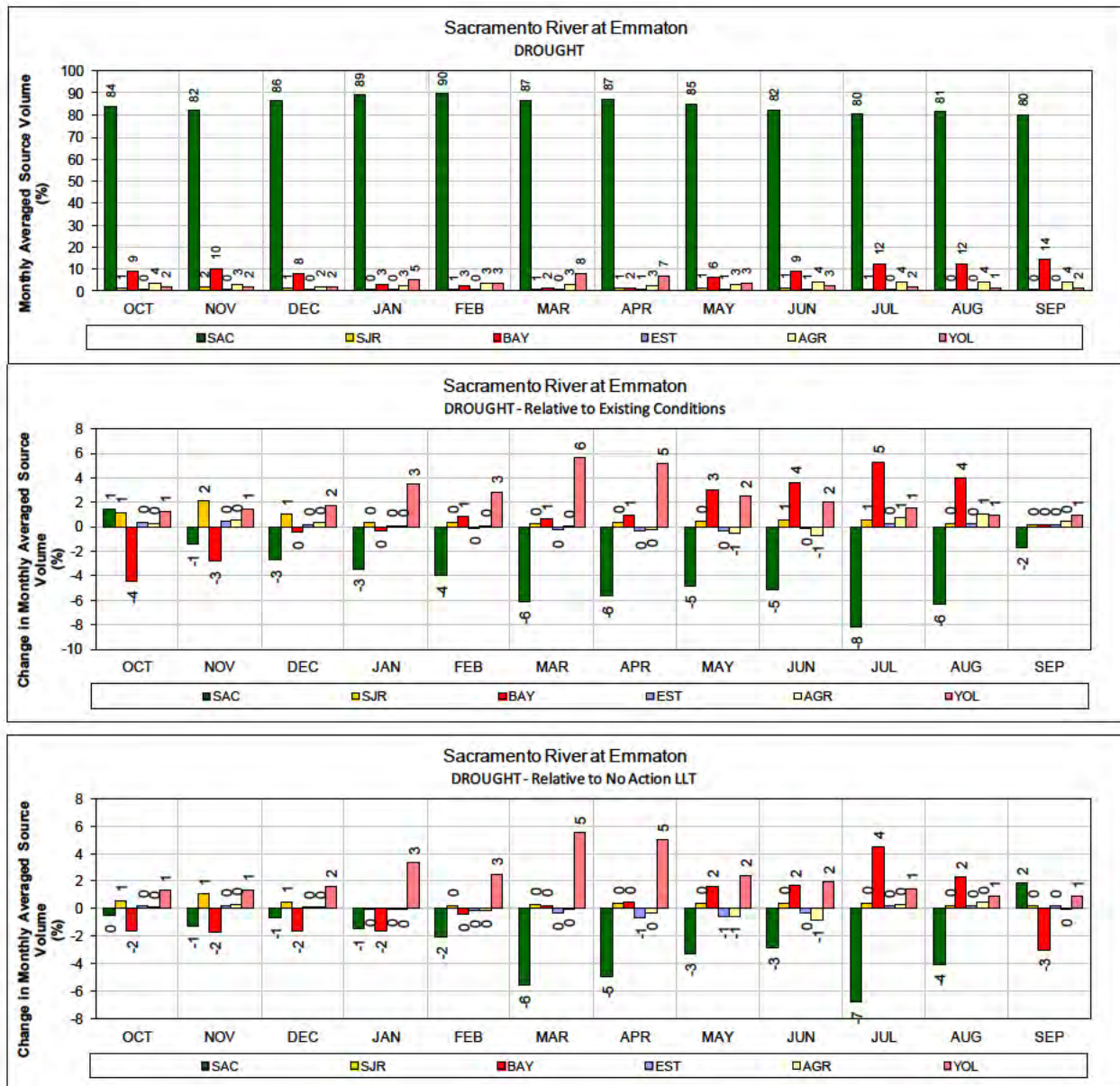
1 Figure 51. ALT 2 – Old River at Rock Slough for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



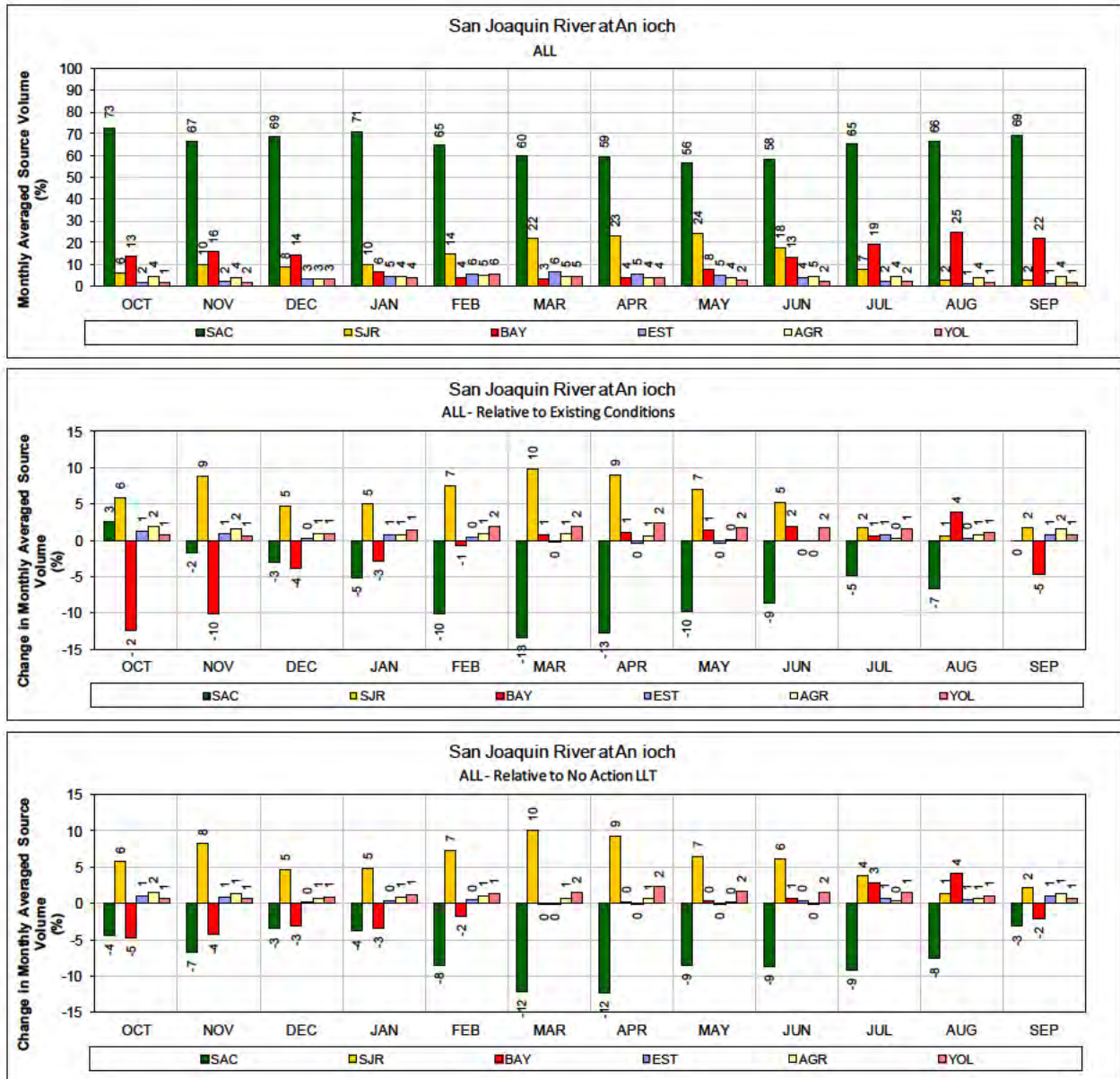
1 Figure 52. ALT 2 – Old River at Rock Slough for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



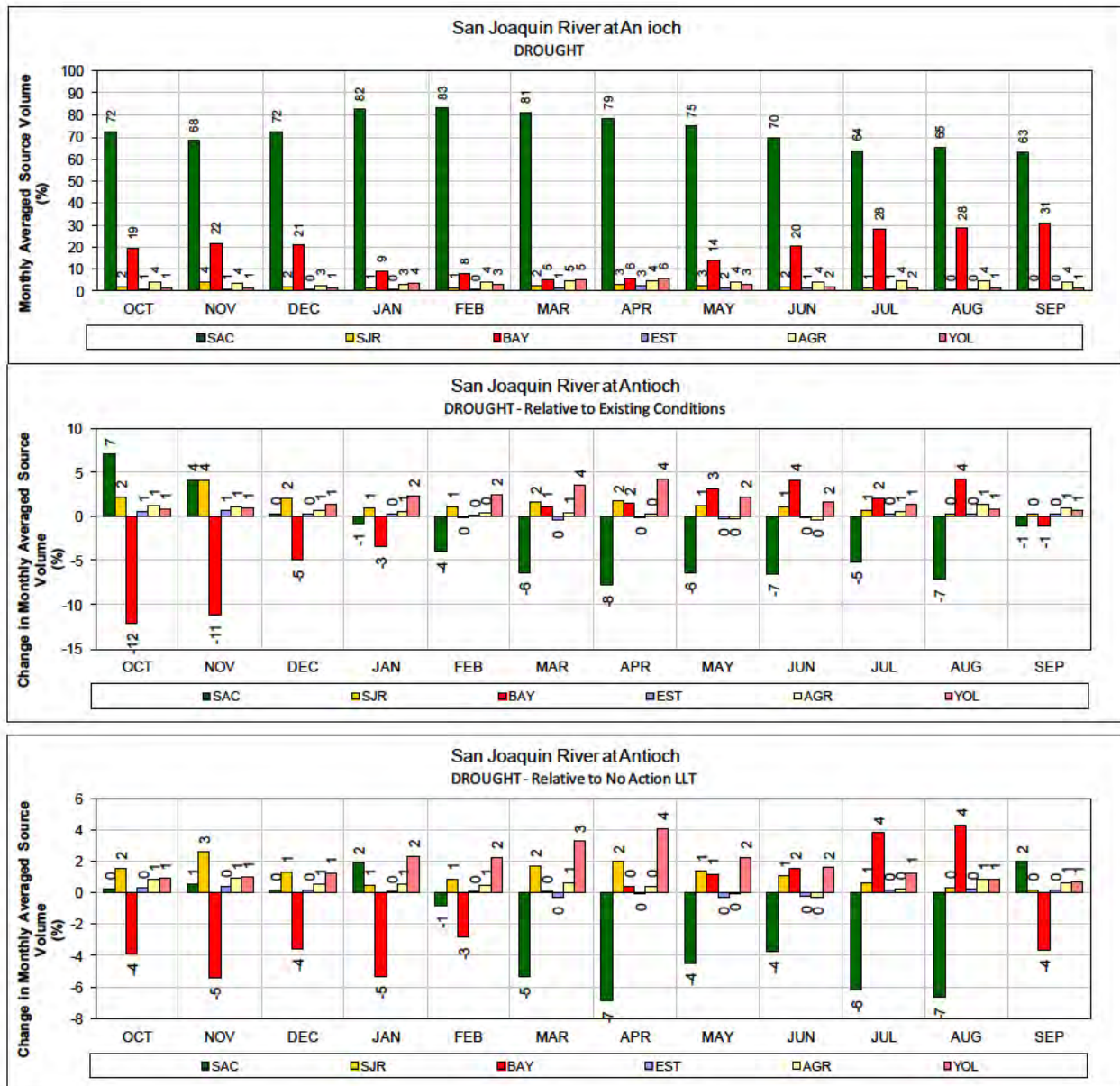
1 Figure 53. ALT 2 – Sacramento River at Emmaton for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



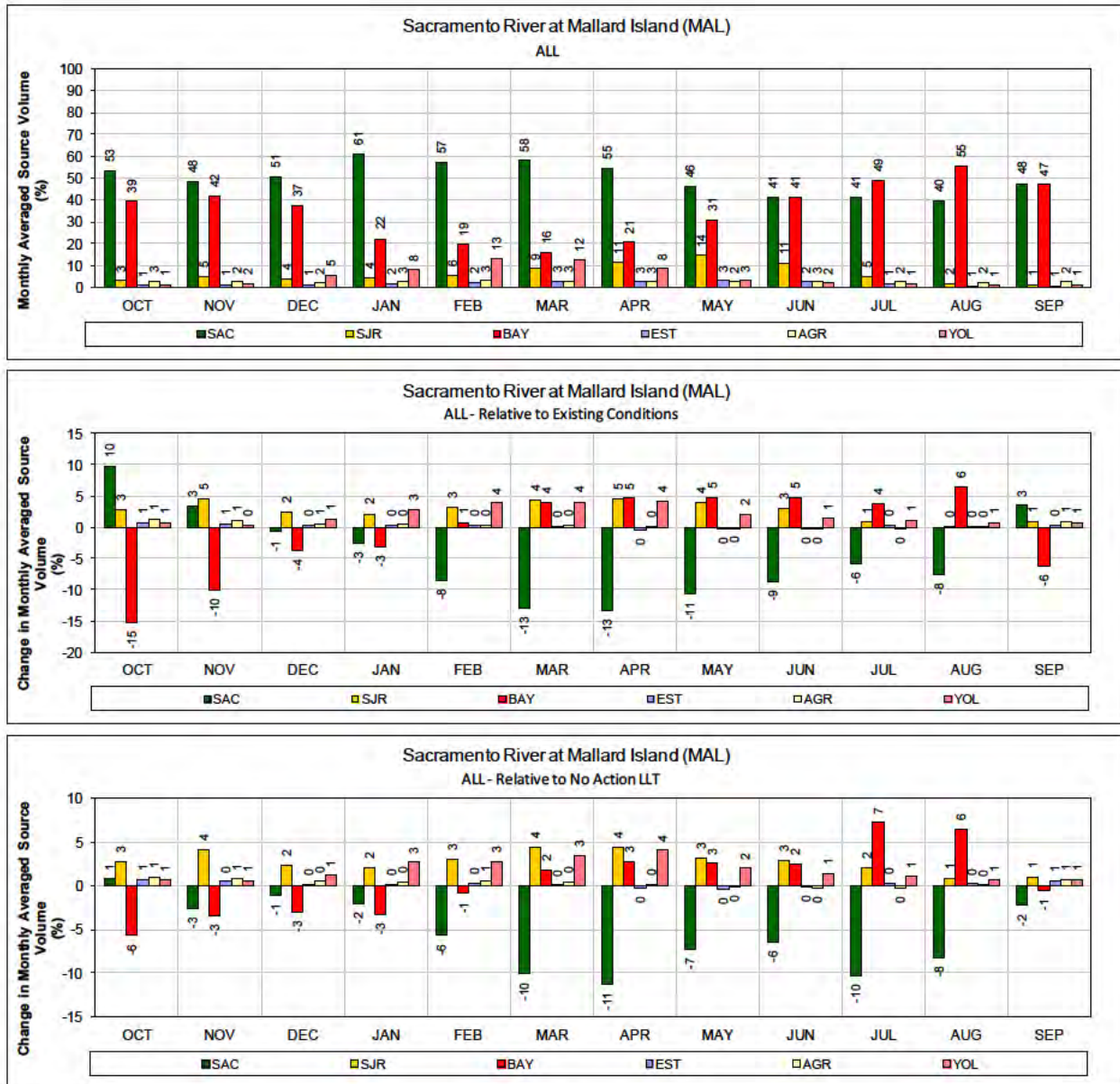
- 1 Figure 54. ALT 2 – Sacramento River at Emmaton for DROUGHT years (1987-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).
- 3



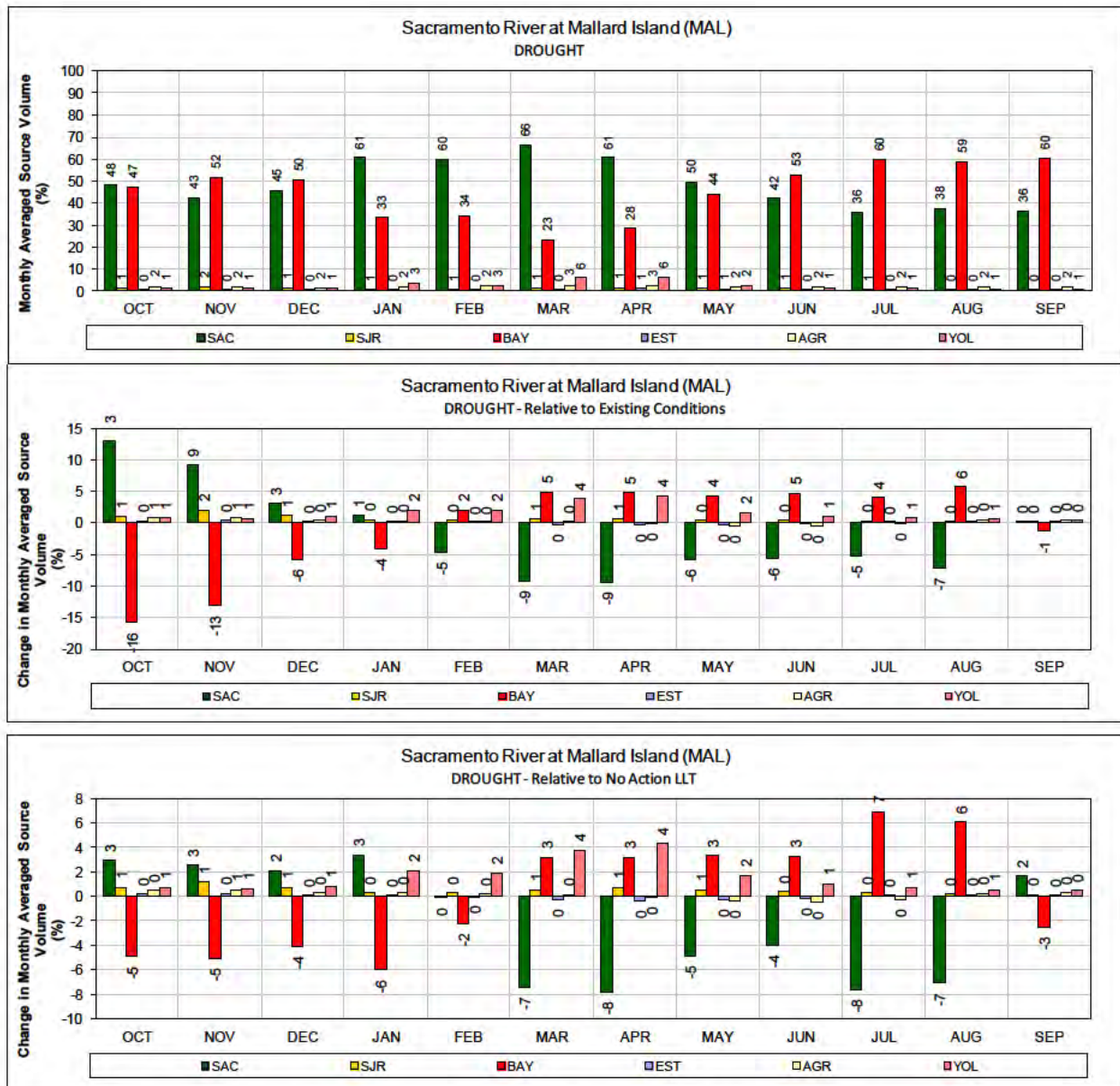
1 Figure 55. ALT 2 – San Joaquin River at Antioch for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



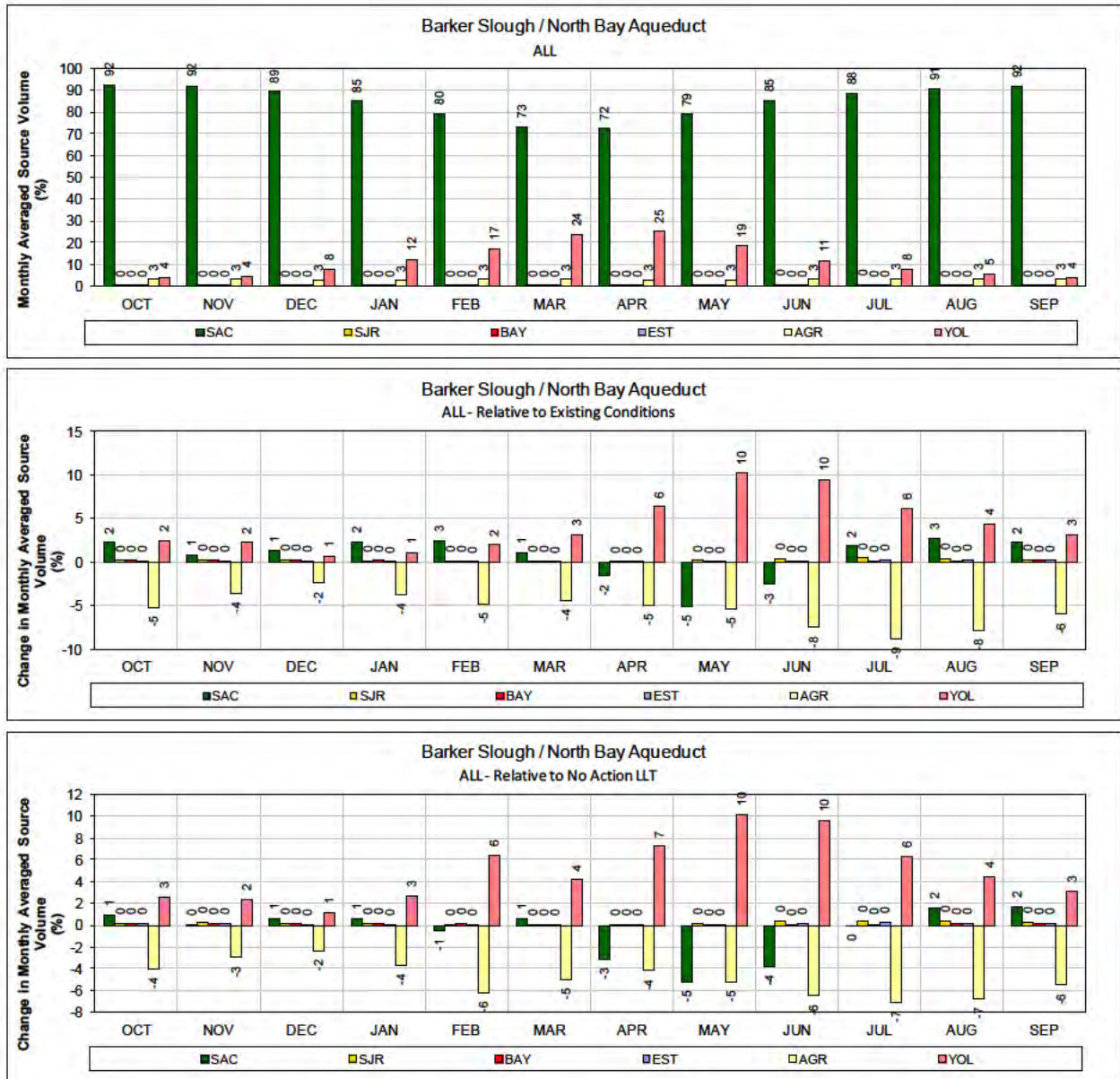
1 Figure 56. ALT 2 – San Joaquin River at Antioch for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



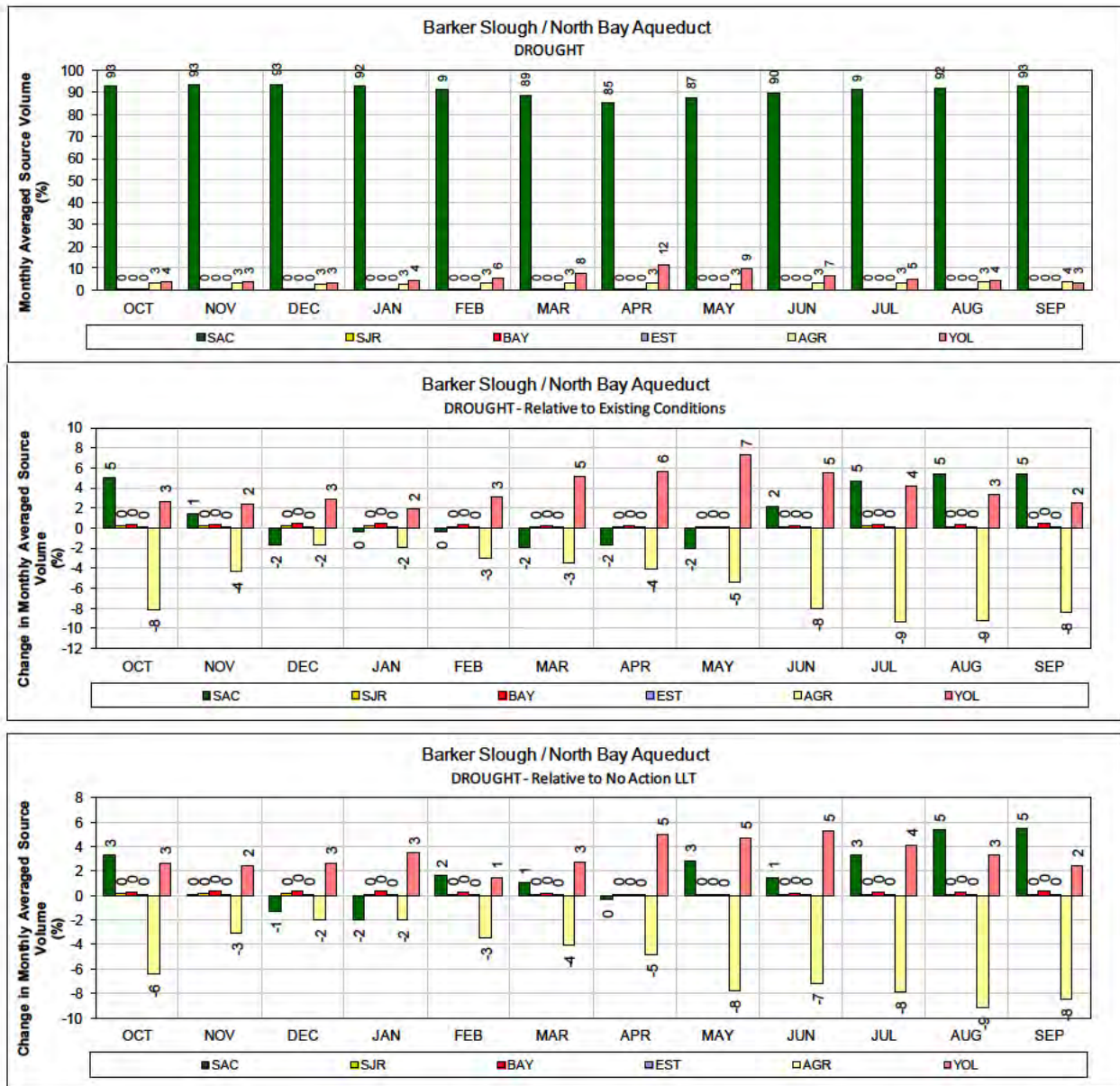
1 Figure 57. ALT 2 – Sacramento River at Mallard Island for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



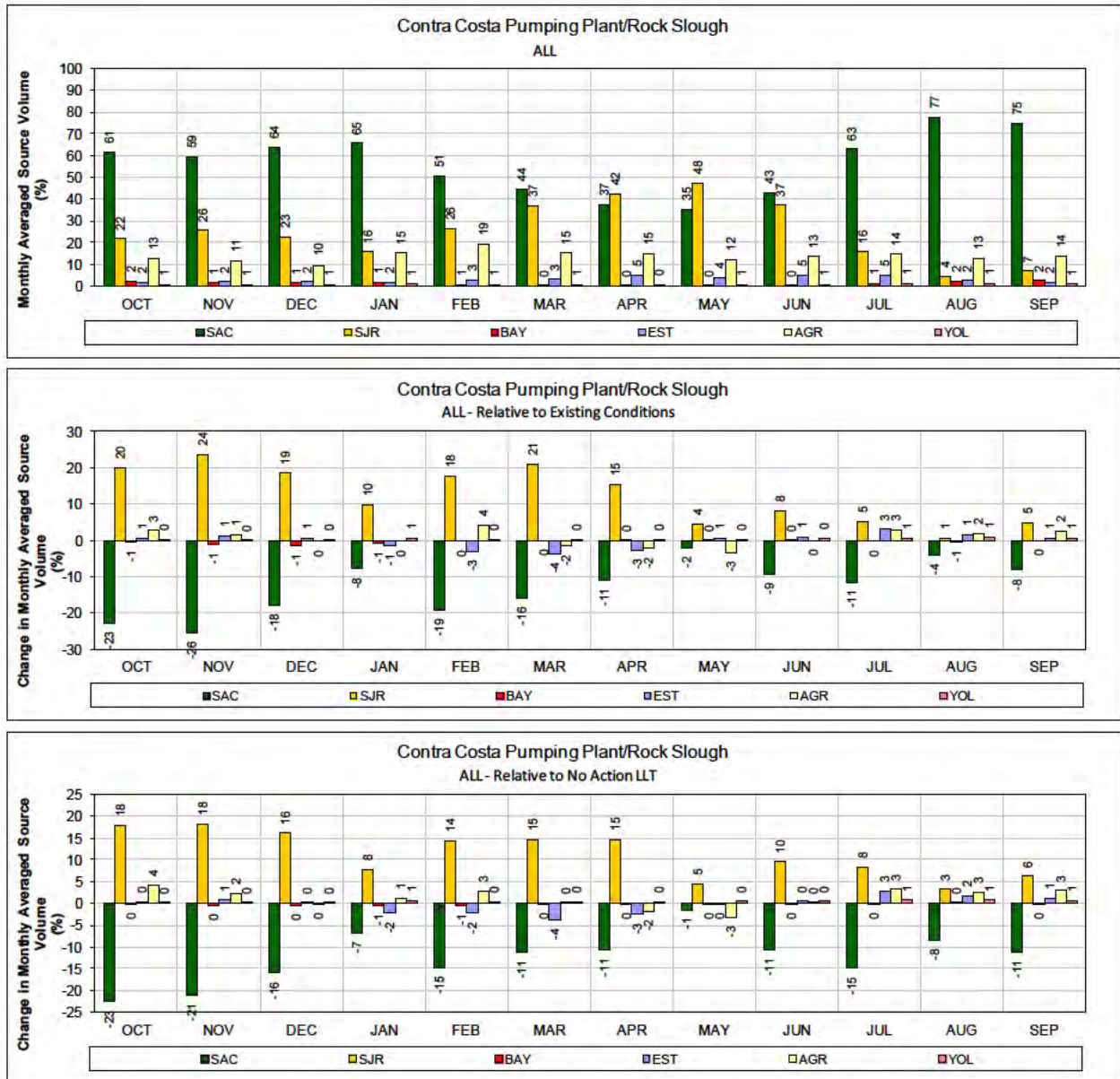
1 Figure 58. ALT 2 – Sacramento River at Mallard Island for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



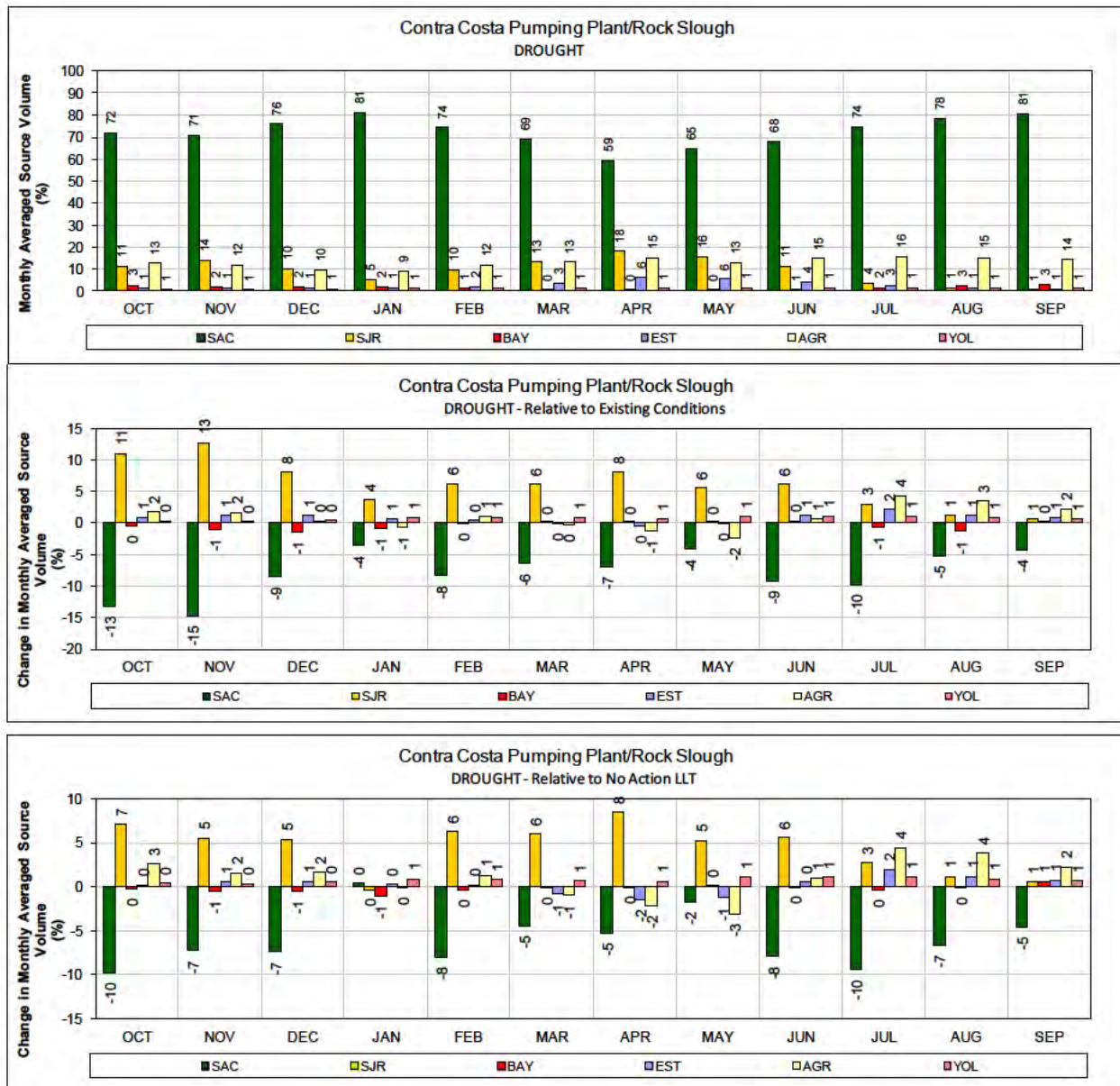
1 Figure 59. ALT 2 – North Bay Aqueduct at Barker Slough Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



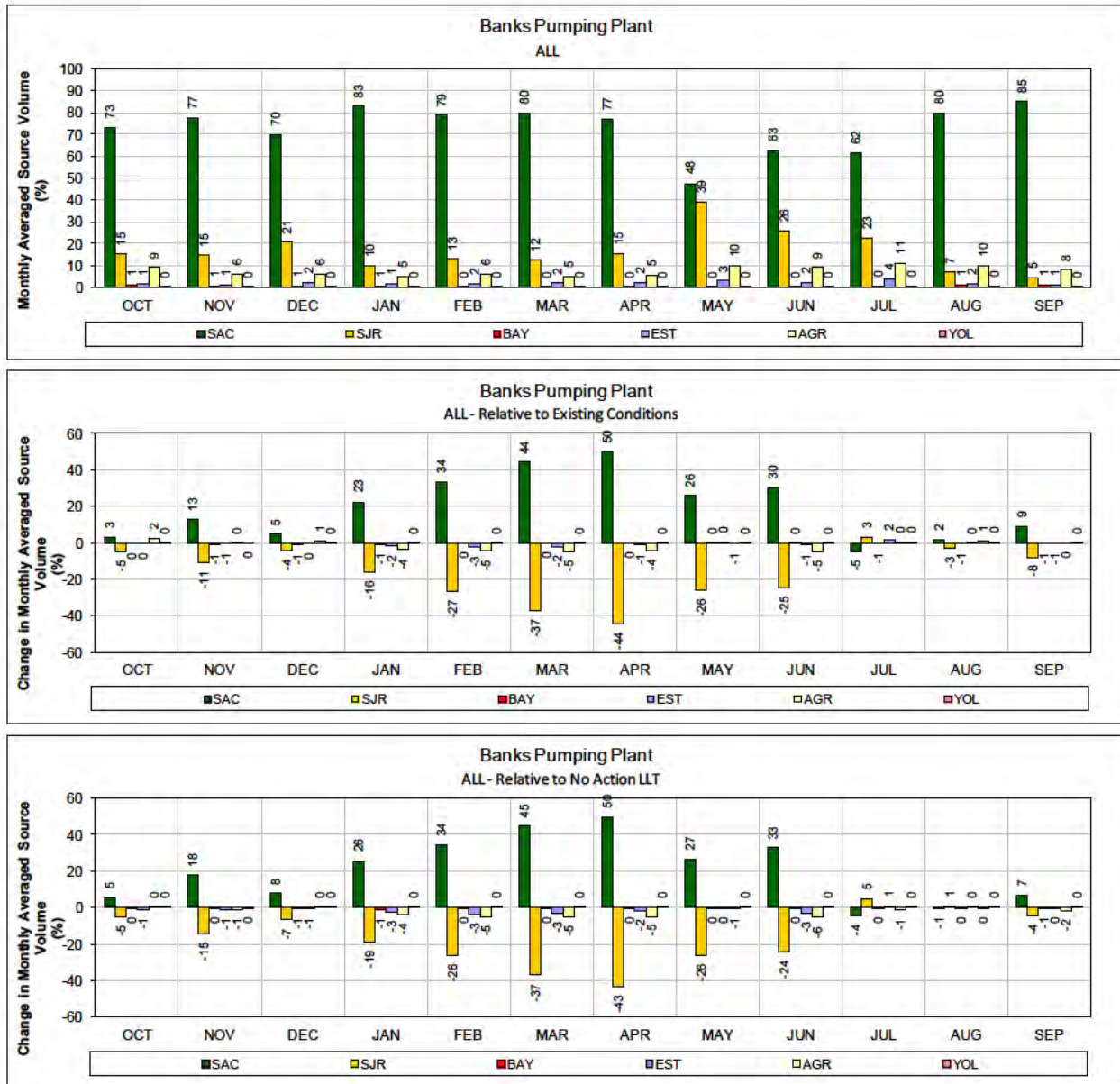
1 Figure 60. ALT 2 – North Bay Aqueduct at Barker Slough Pumping Plant for DROUGHT years
 2 (1987-1991)
 3 Monthly average source volume (top figure) and change in monthly average source volume relative to
 4 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



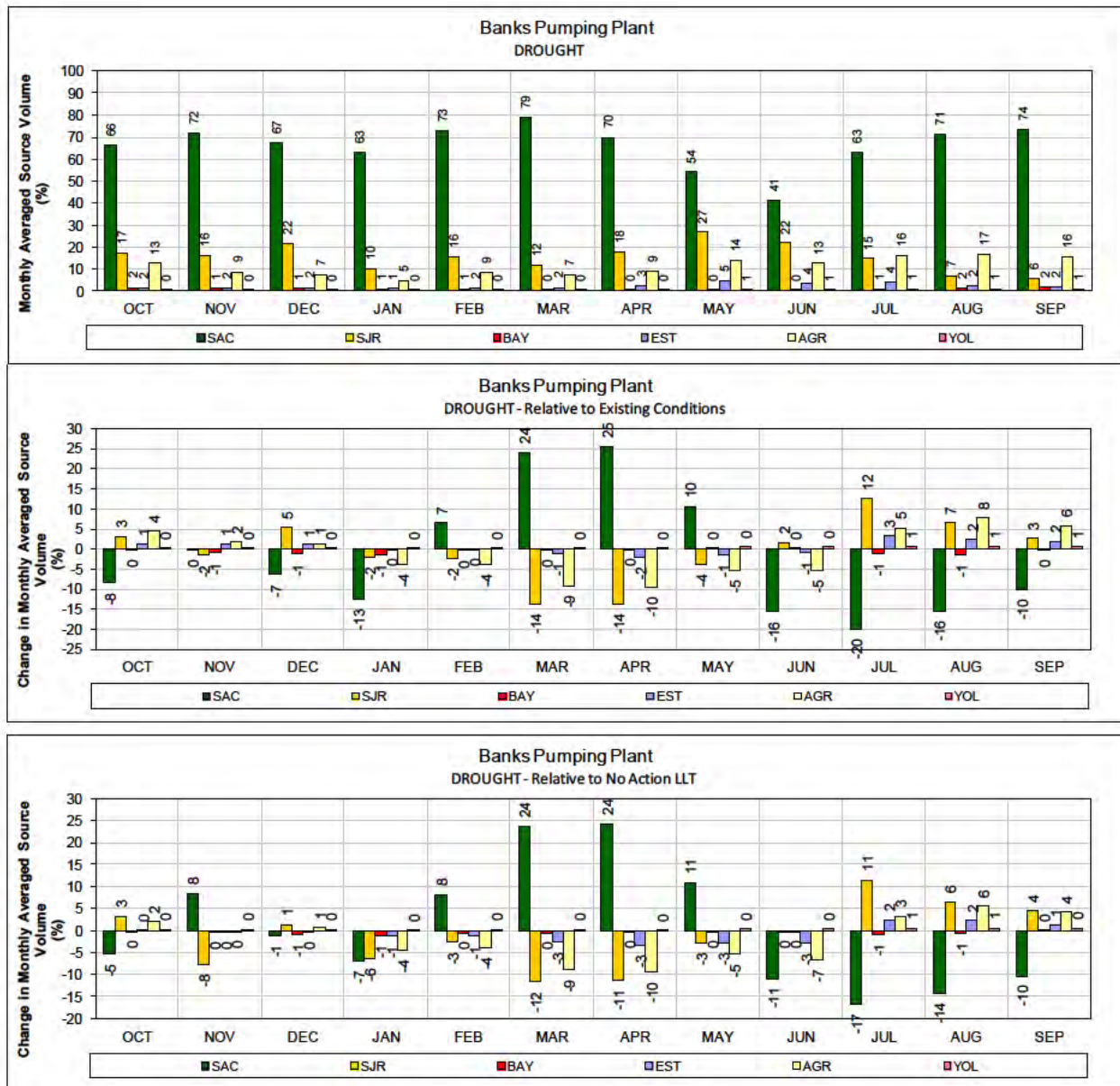
1 Figure 61. ALT 2 – Contra Costa Pumping Plant #1 for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



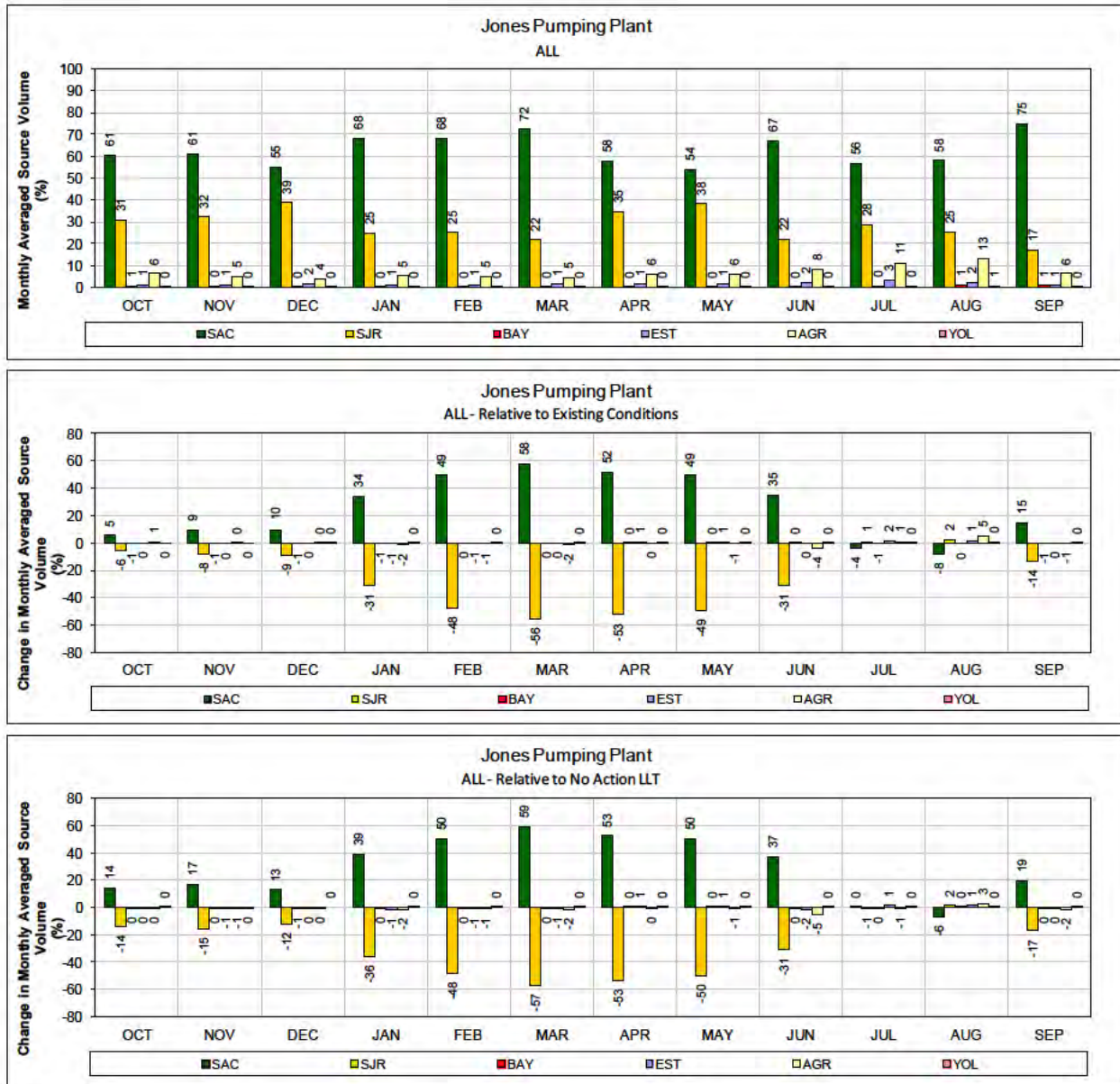
1 Figure 62. ALT 2 – Contra Costa Pumping Plant #1 for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



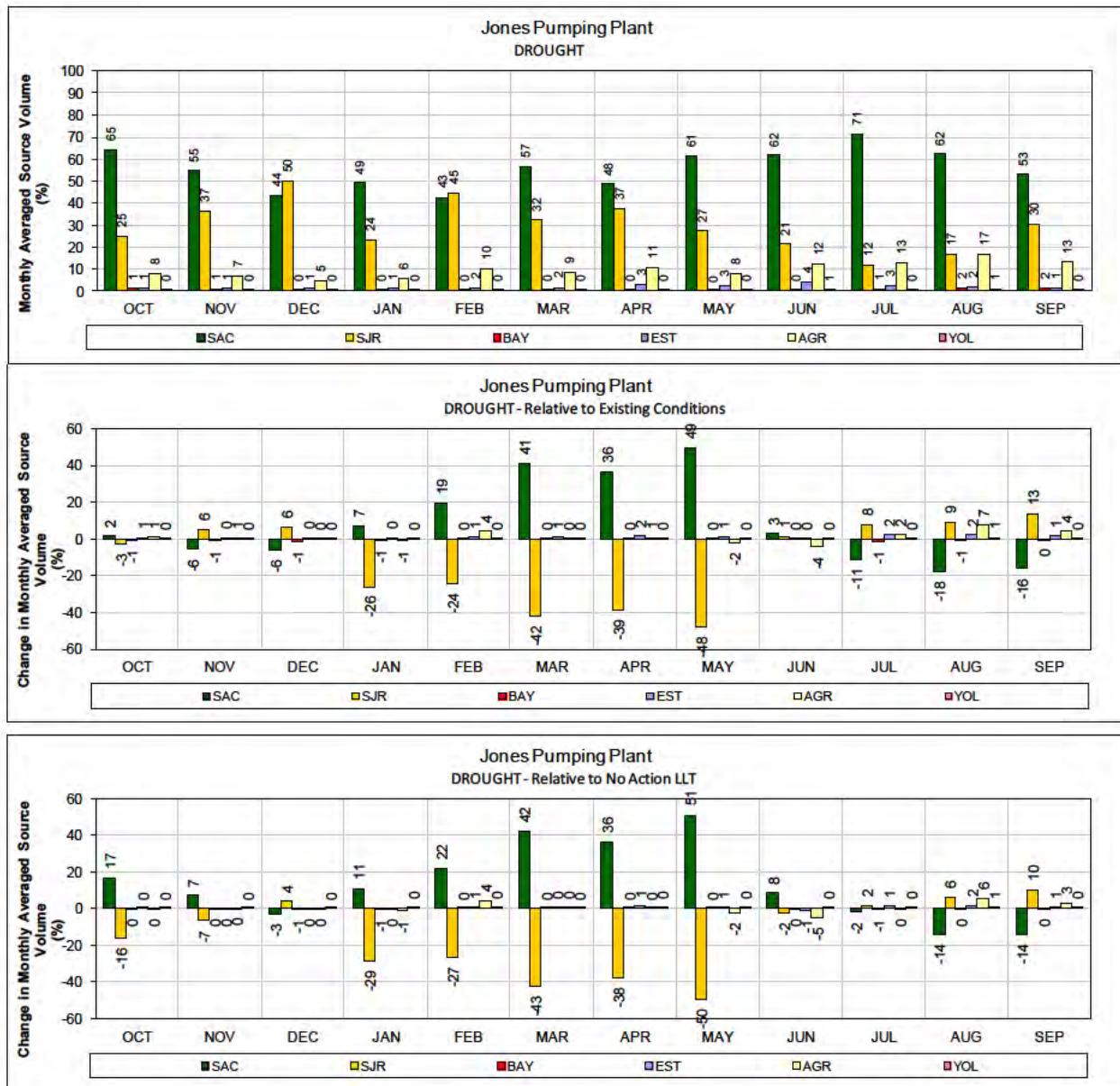
1 Figure 63. ALT 2 – Banks Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



1 Figure 64. ALT 2 – Banks Pumping Plant for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



1 Figure 65. ALT 2 – Jones Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).

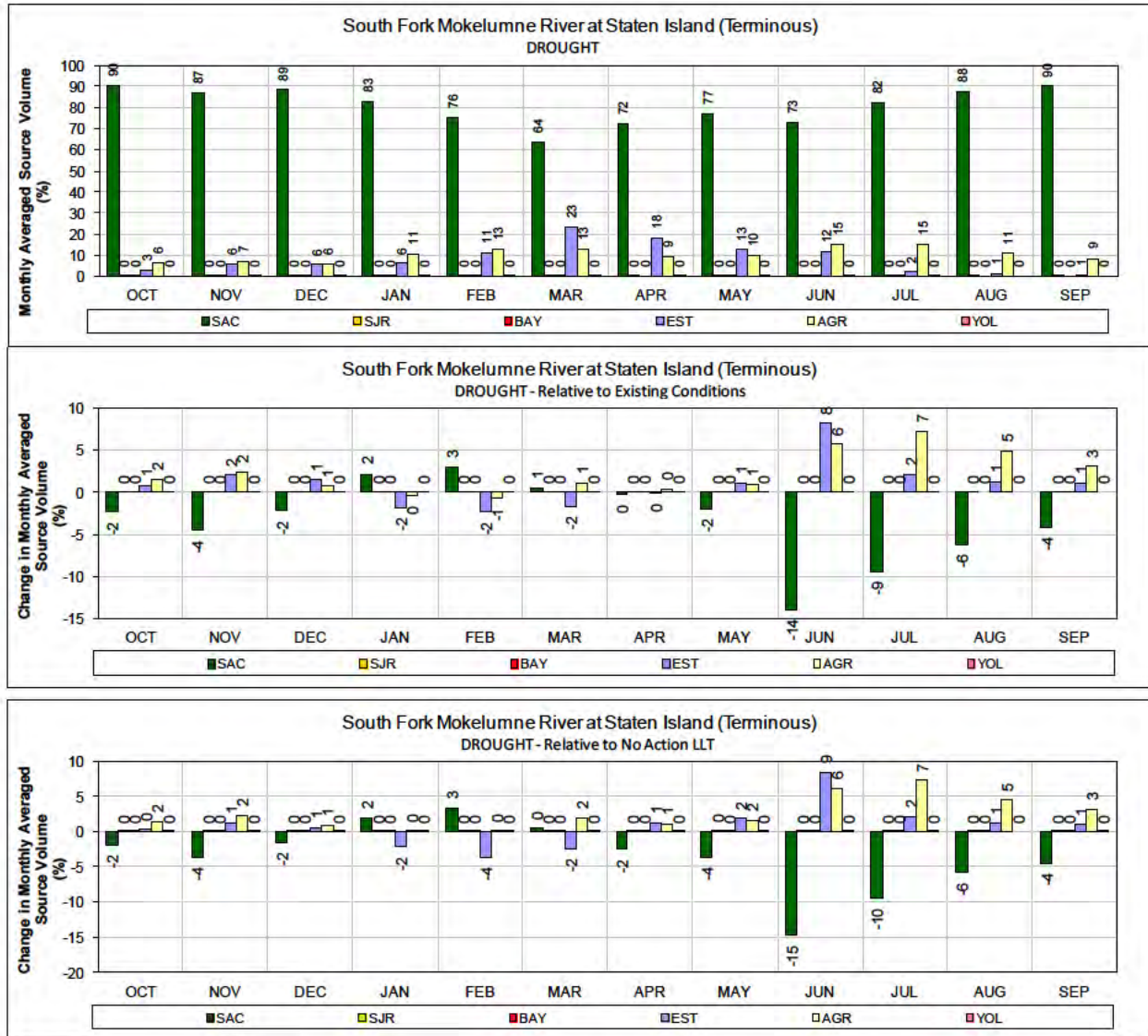


1 Figure 66. ALT 2 – Jones Pumping Plant for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).

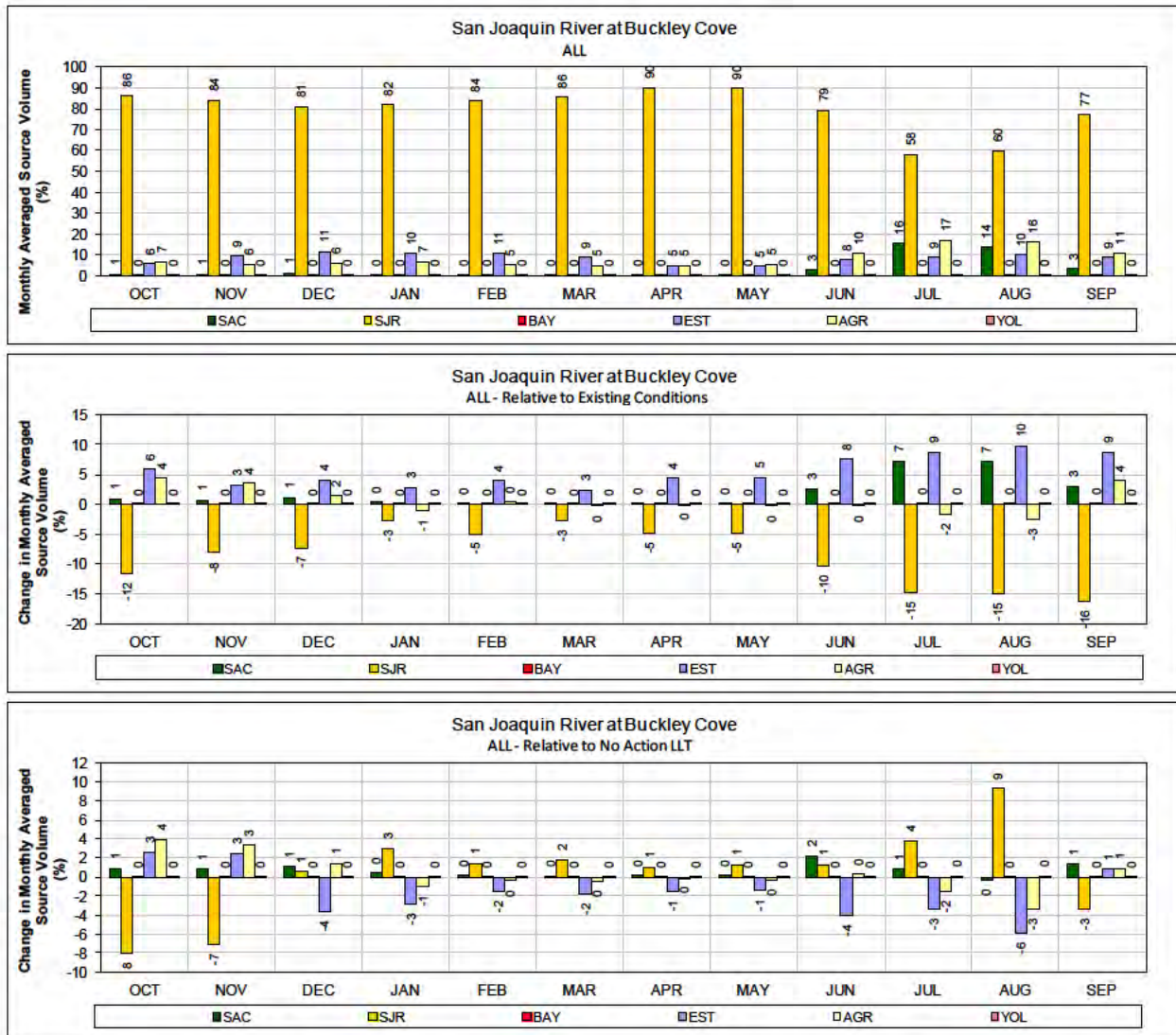
Alternative 3 LLT



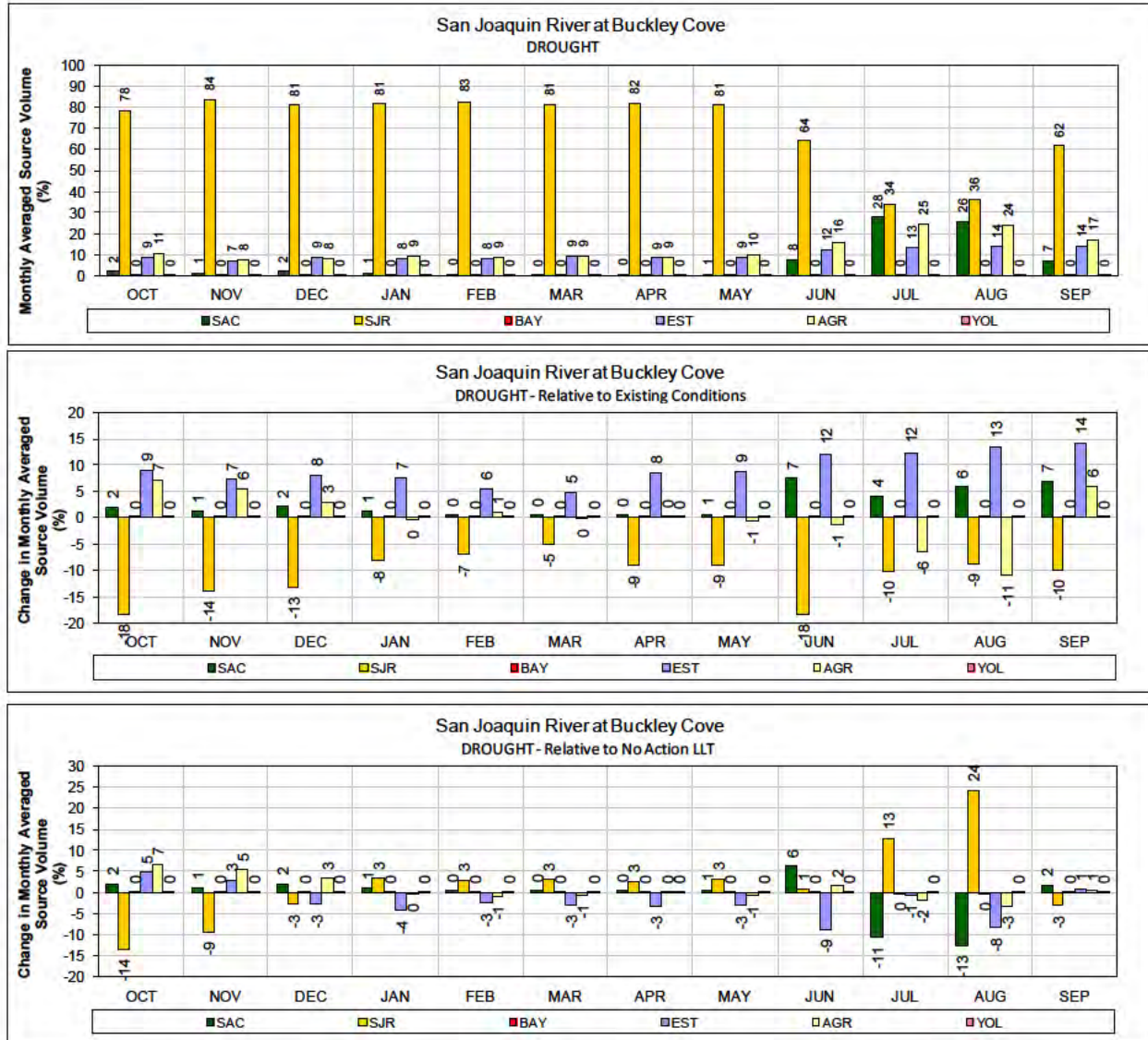
1 Figure 67. ALT 3 – Mokelumne River (South Fork) at Staten Island for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



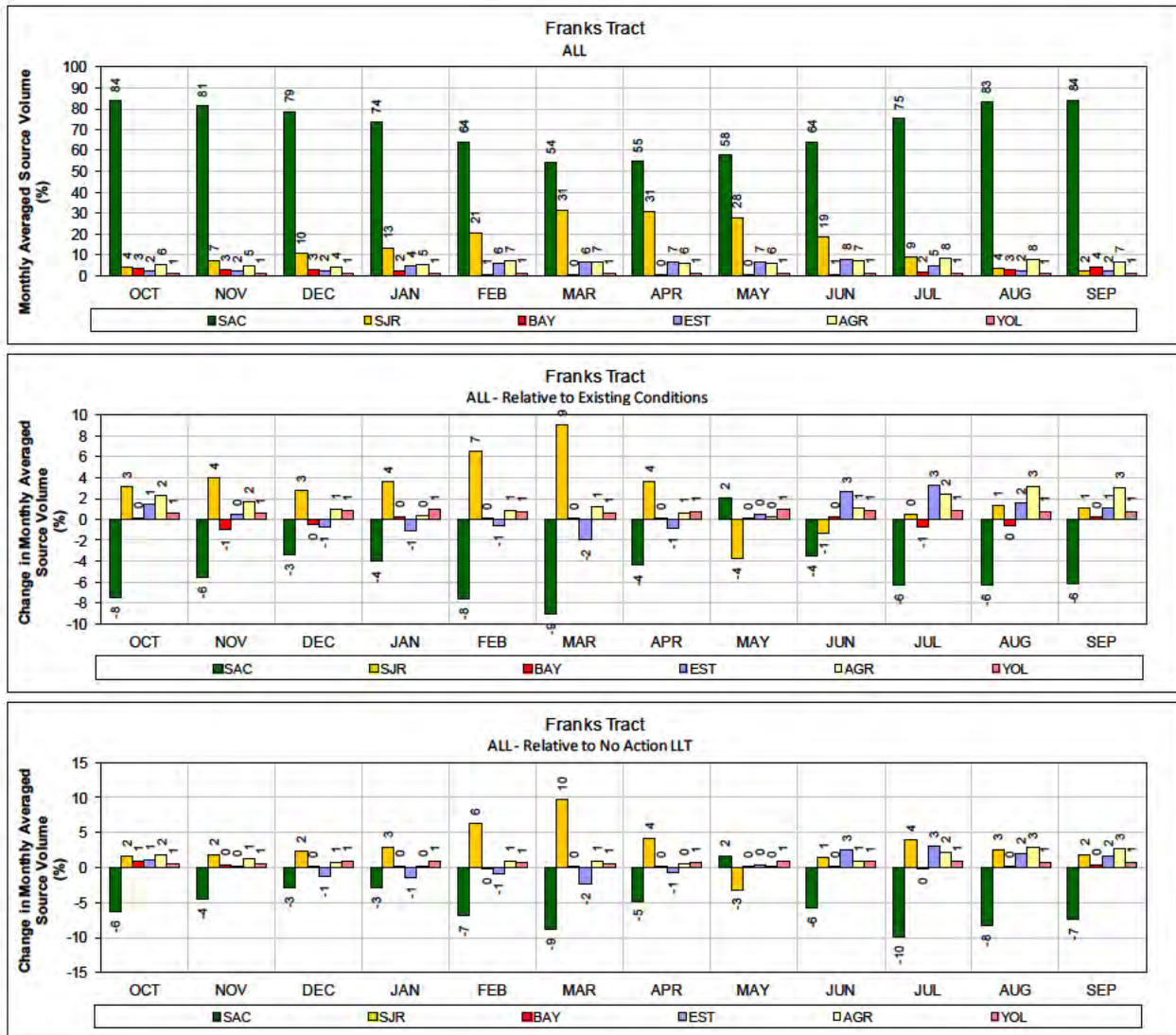
1 Figure 68. ALT 3 – Mokelumne River (South Fork) at Staten Island for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



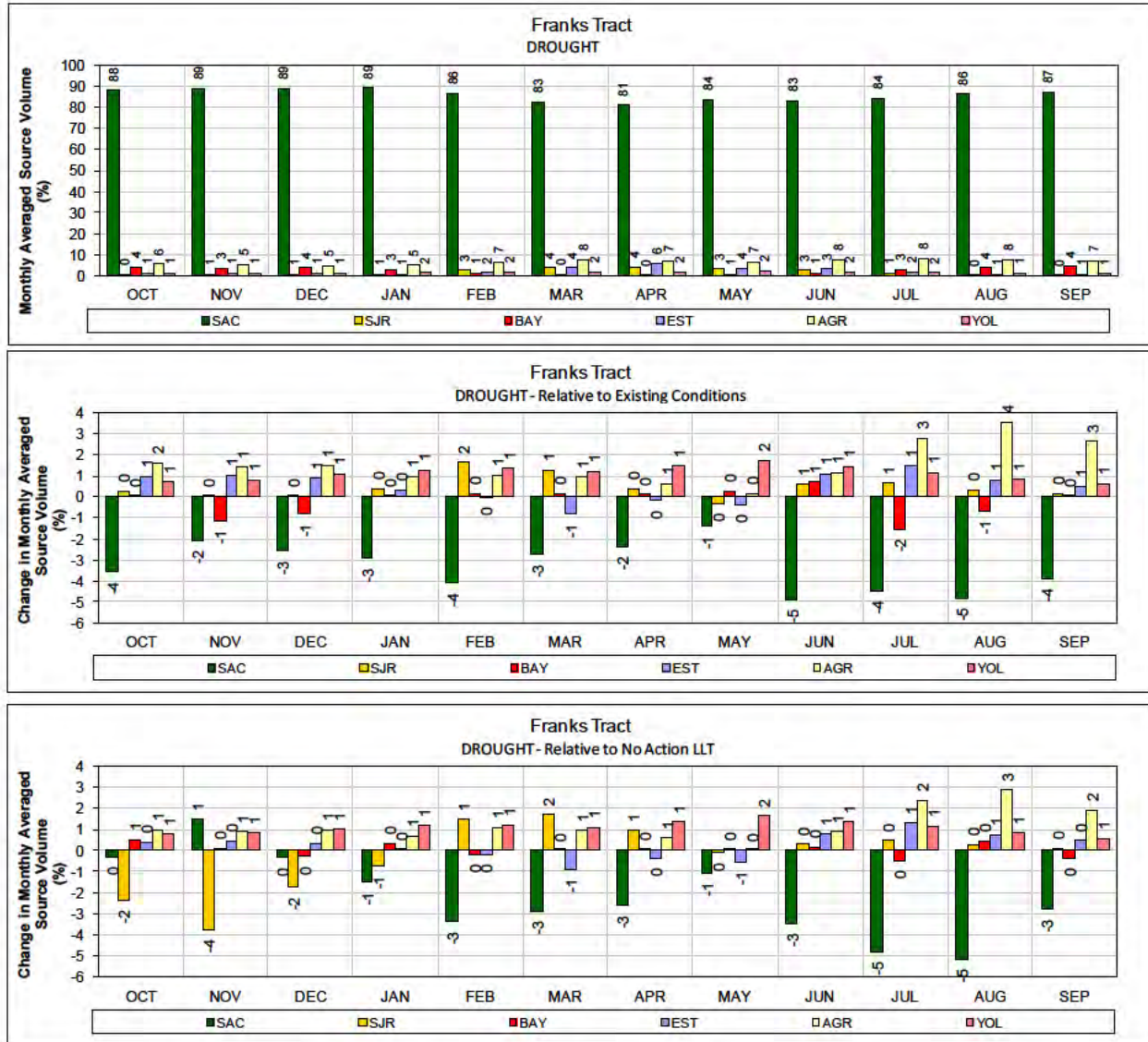
1 **Figure 69. ALT 3 – San Joaquin River at Buckley Cove for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



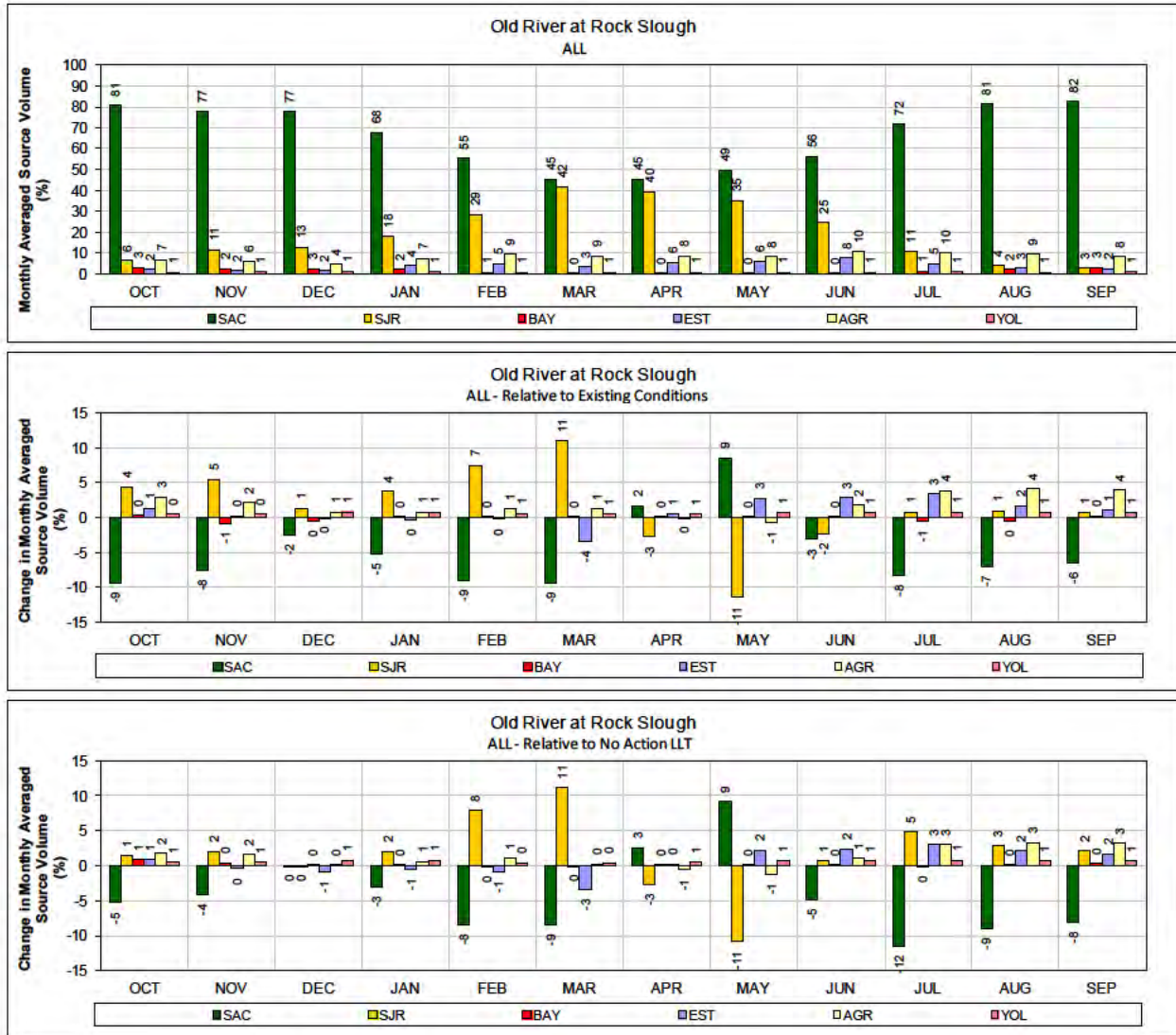
- 1 **Figure 70. ALT 3 – San Joaquin River at Buckley Cove for DROUGHT years (1987-1991)**
- 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**
- 3



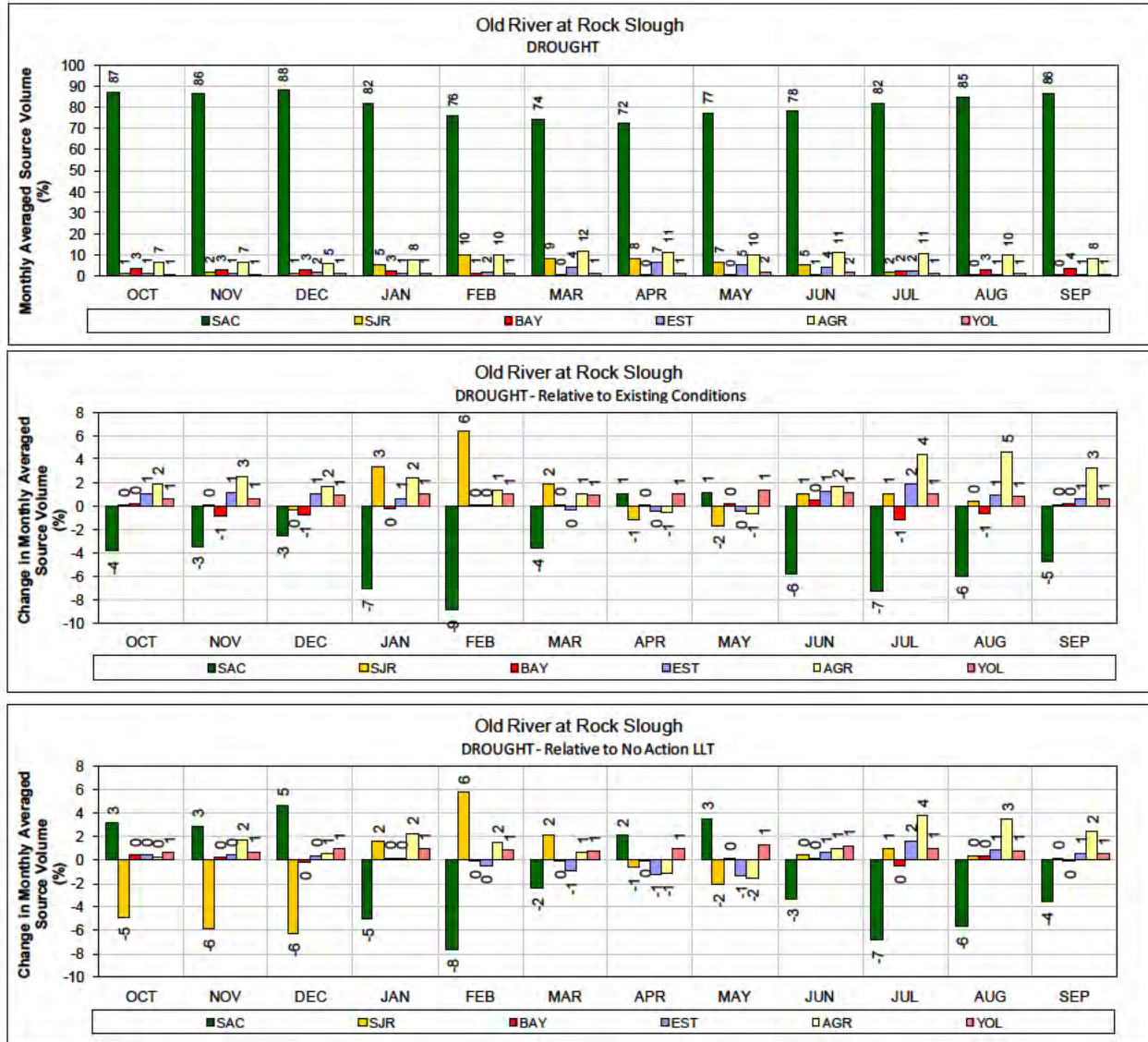
1 Figure 71. ALT 3 – Franks Tract for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



- 1 Figure 72. ALT 3 – Franks Tract for DROUGHT years (1987-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).
- 3



1 **Figure 73. ALT 3 – Old River at Rock Slough for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



- 1 Figure 74. ALT 3 – Old River at Rock Slough for DROUGHT years (1987-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
- 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



1 Figure 75. ALT 3 – Sacramento River at Emmaton for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



- 1 Figure 76. ALT 3 – Sacramento River at Emmaton for DROUGHT years (1987-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).
- 3



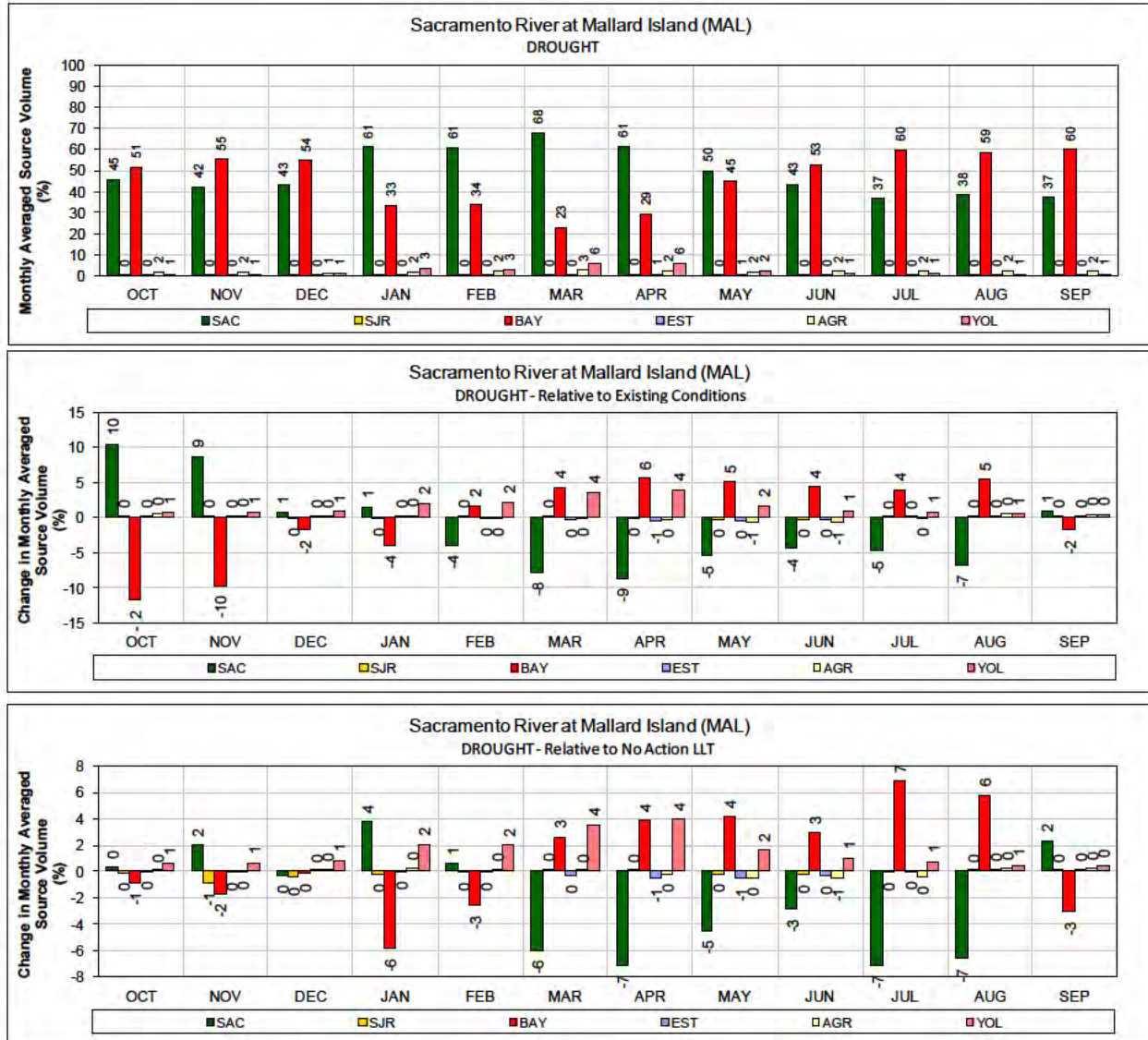
1 Figure 77. ALT 3 – San Joaquin River at Antioch for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



1 Figure 78. ALT 3 – San Joaquin River at Antioch for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



1 Figure 79. ALT 3 – Sacramento River at Mallard Island for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



- 1 Figure 80. ALT 3 – Sacramento River at Mallard Island for DROUGHT years (1987-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).
- 3



1 Figure 81. ALT 3 – North Bay Aqueduct at Barker Slough Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



1 Figure 82. ALT 3 – North Bay Aqueduct at Barker Slough Pumping Plant for DROUGHT years
 2 (1987-1991)
 3 Monthly average source volume (top figure) and change in monthly average source volume relative to
 4 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



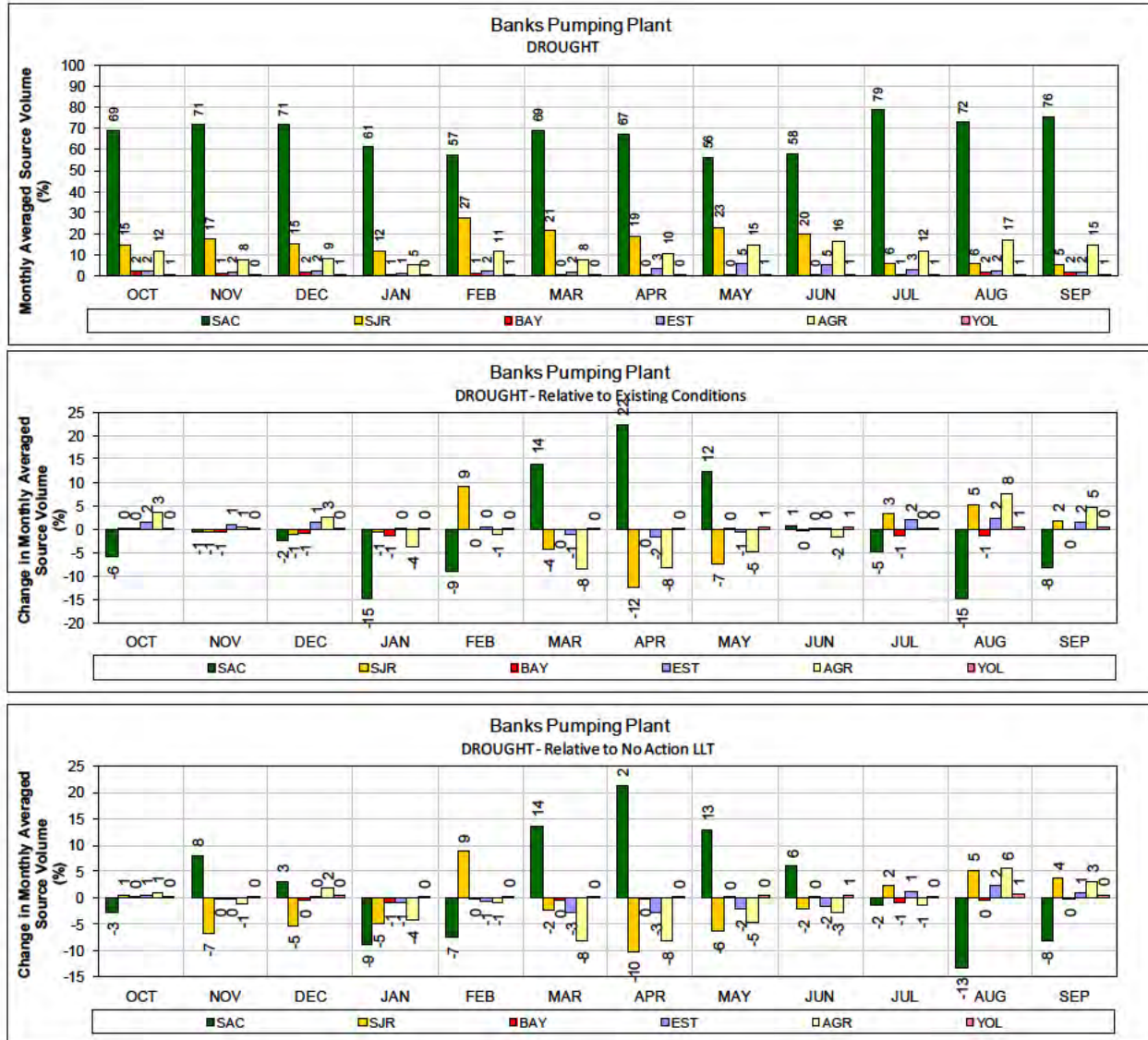
1 Figure 83. ALT 3 – Contra Costa Pumping Plant #1 for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



- 1 Figure 84. ALT 3 – Contra Pumping Plant #1 for DROUGHT years (1987-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
- 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



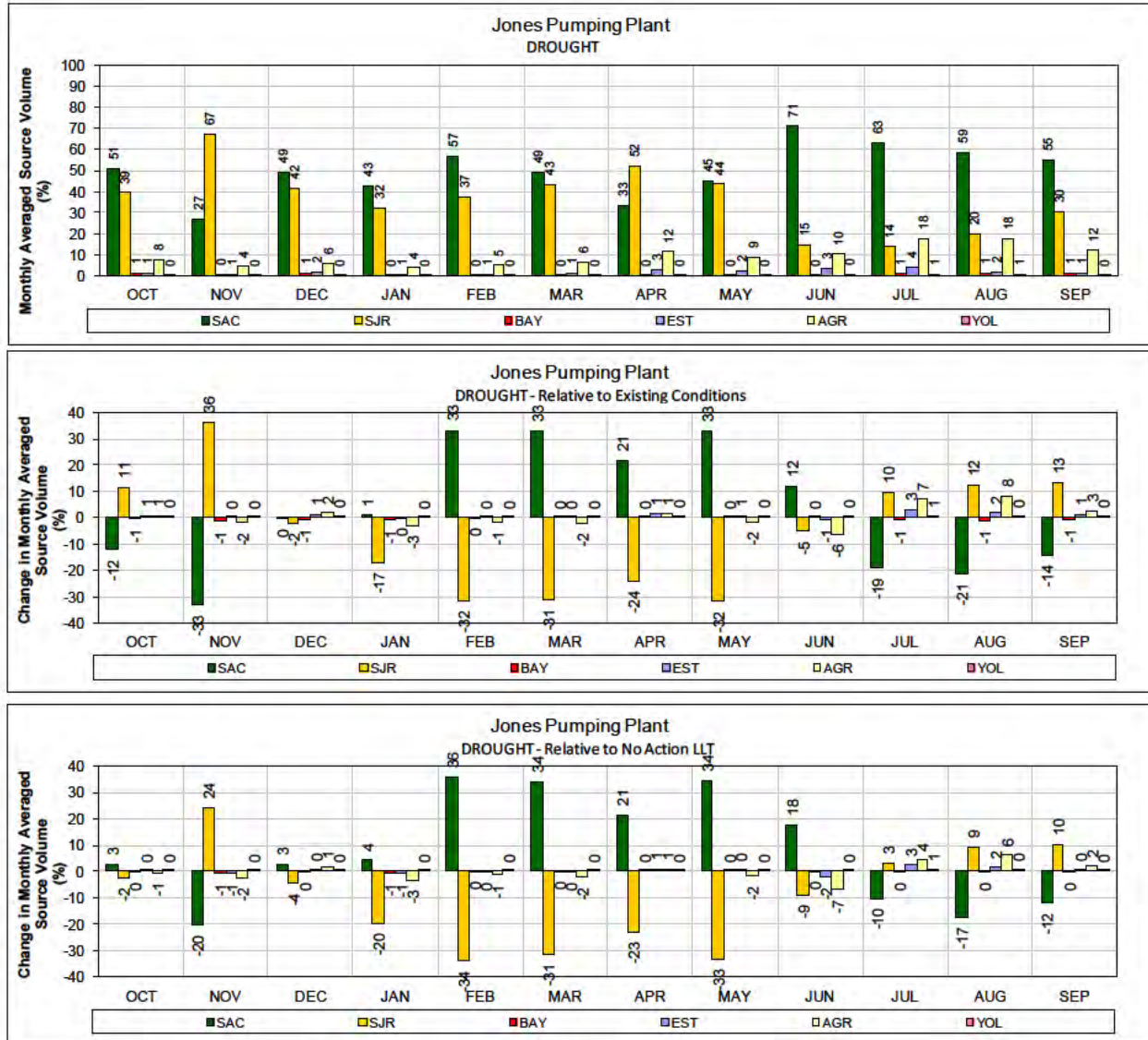
1 Figure 85. ALT 3 – Banks Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



- 1 Figure 86. ALT 3 – Banks Pumping Plant for DROUGHT years (1987-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).
- 3



1 Figure 87. ALT 3 – Jones Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



- 1 **Figure 88. ALT 3 – Jones Pumping Plant for DROUGHT years (1987-1991)**
- 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**
- 3

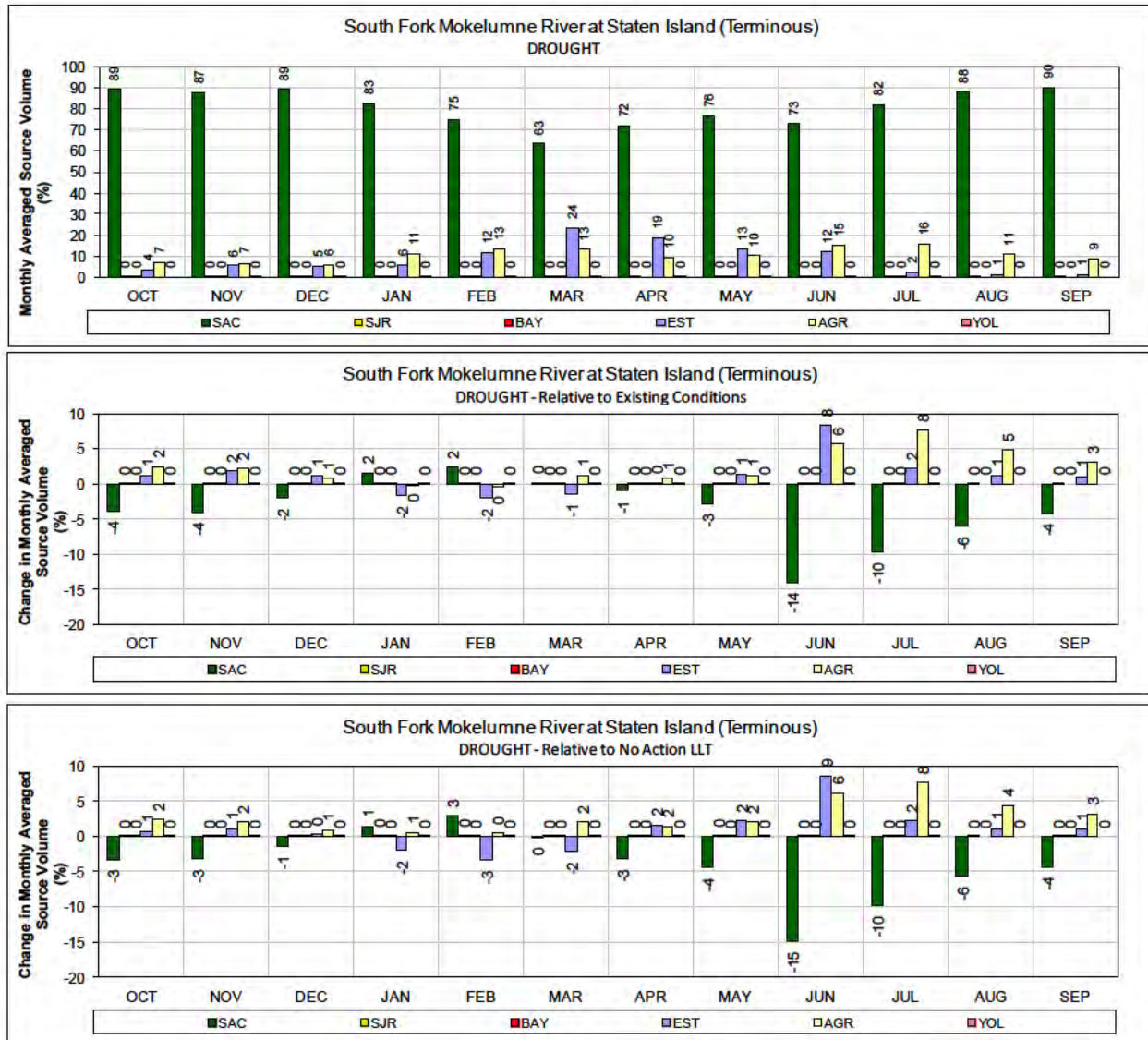
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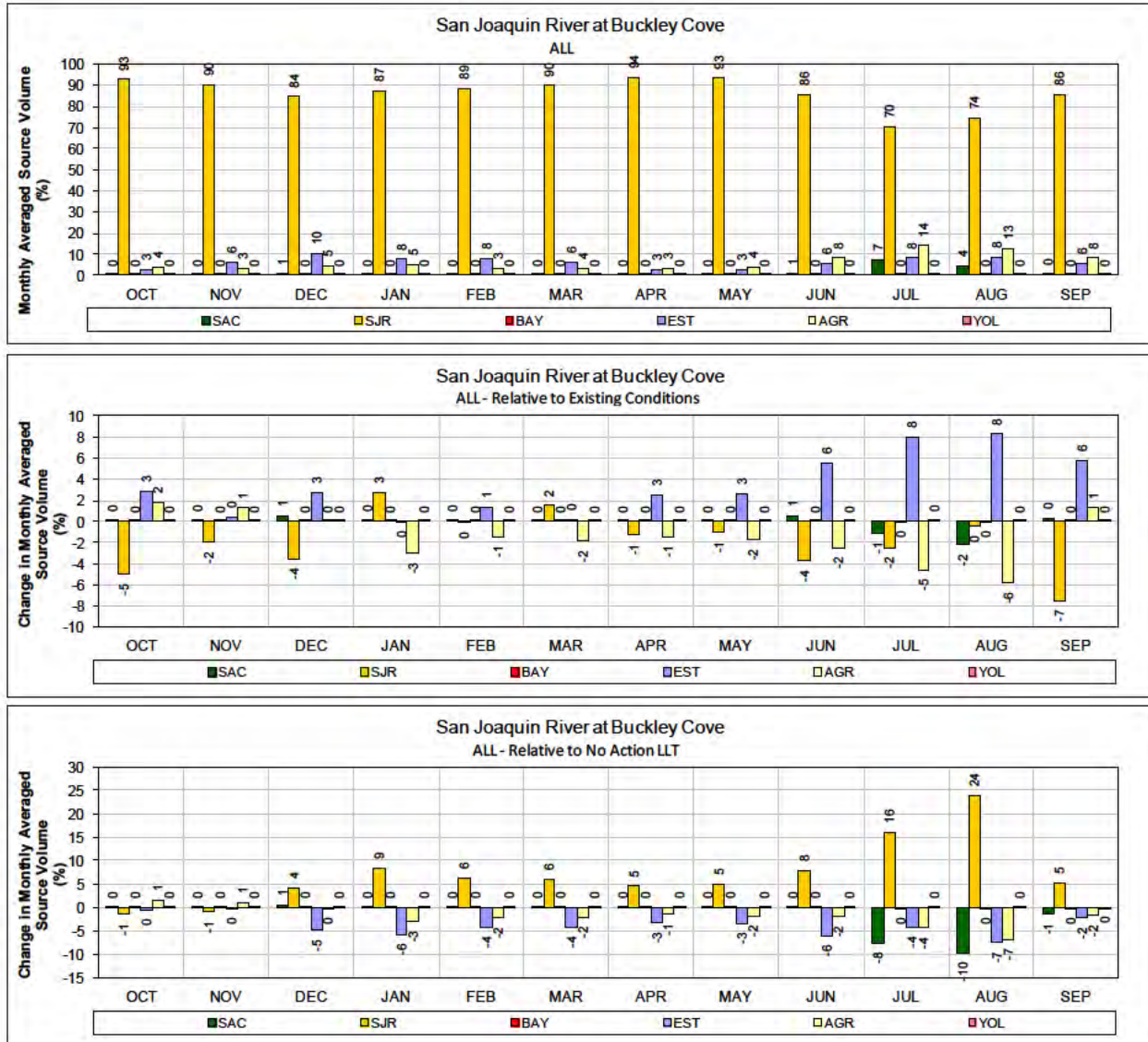
Alternative 4 LLT Scenario H1



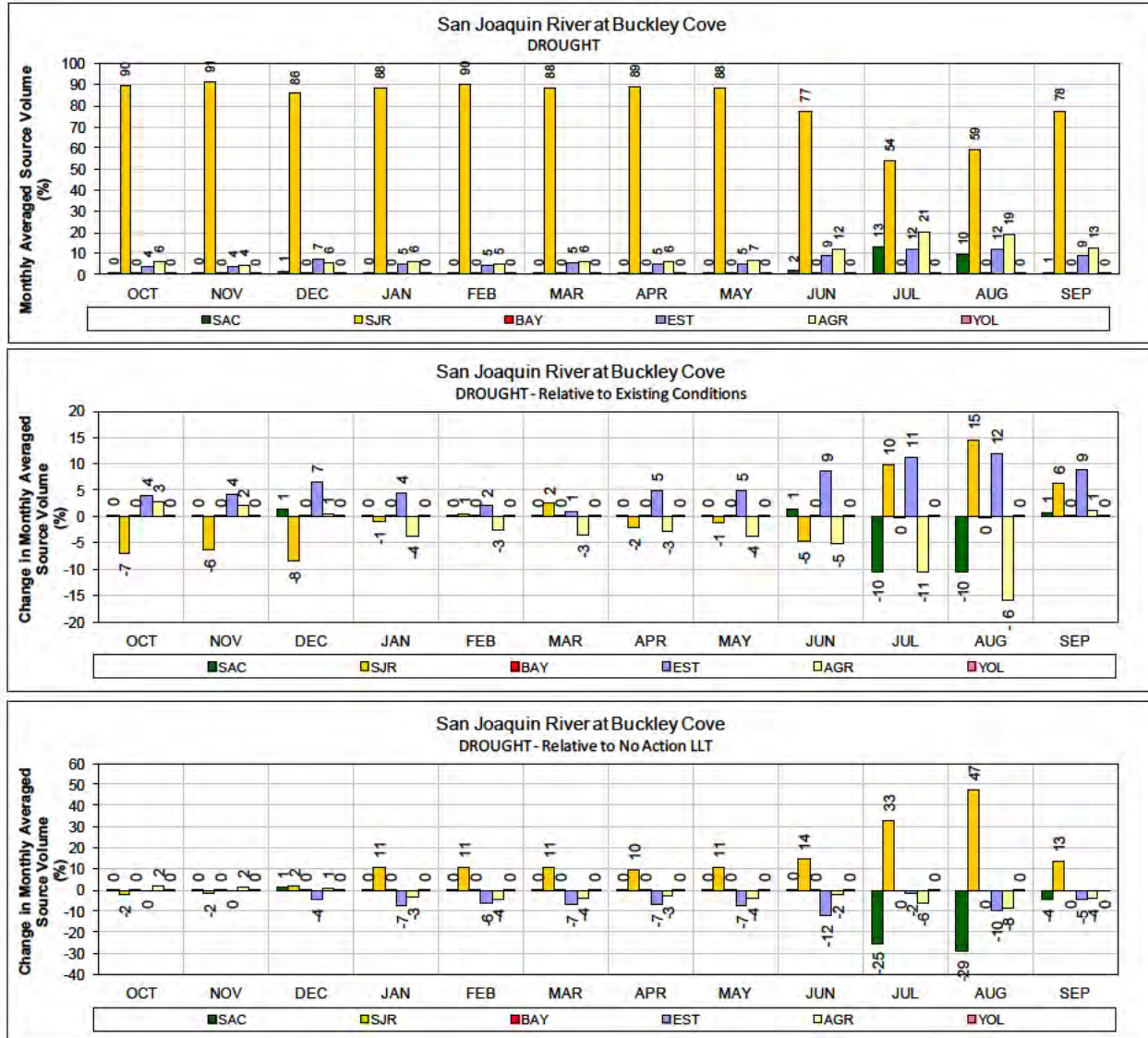
1 Figure 89. ALT 4 Scenario H1 – Mokelumne River (South Fork) at Staten Island for ALL years
 2 (1976-1991)
 3 Monthly average source volume (top figure) and change in monthly average source volume relative to
 4 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



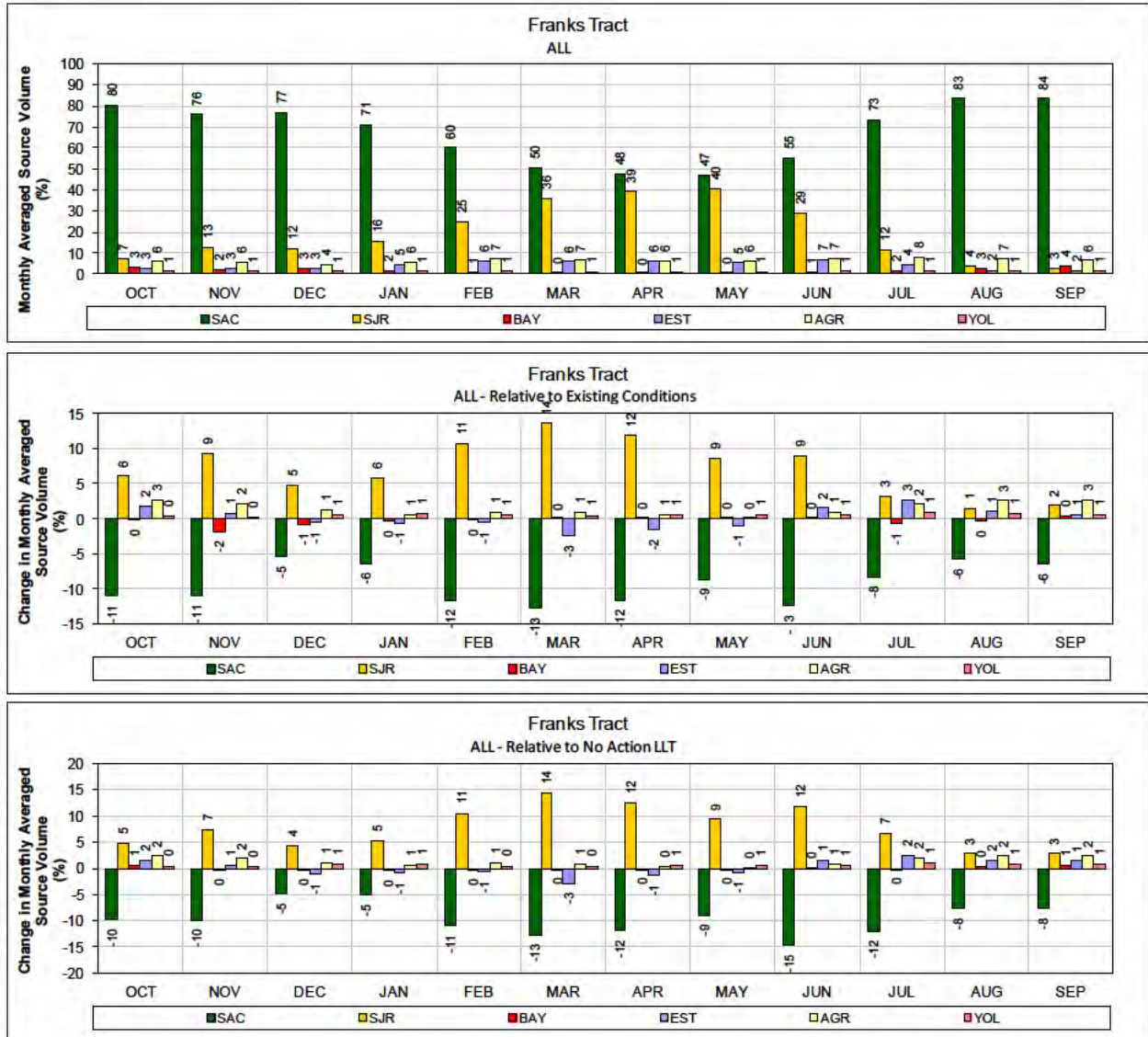
1 Figure 90. ALT 4 Scenario H1 – Mokelumne River (South Fork) at Staten Island for DROUGHT years
 2 (1987-1991)
 3 Monthly average source volume (top figure) and change in monthly average source volume relative to
 4 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



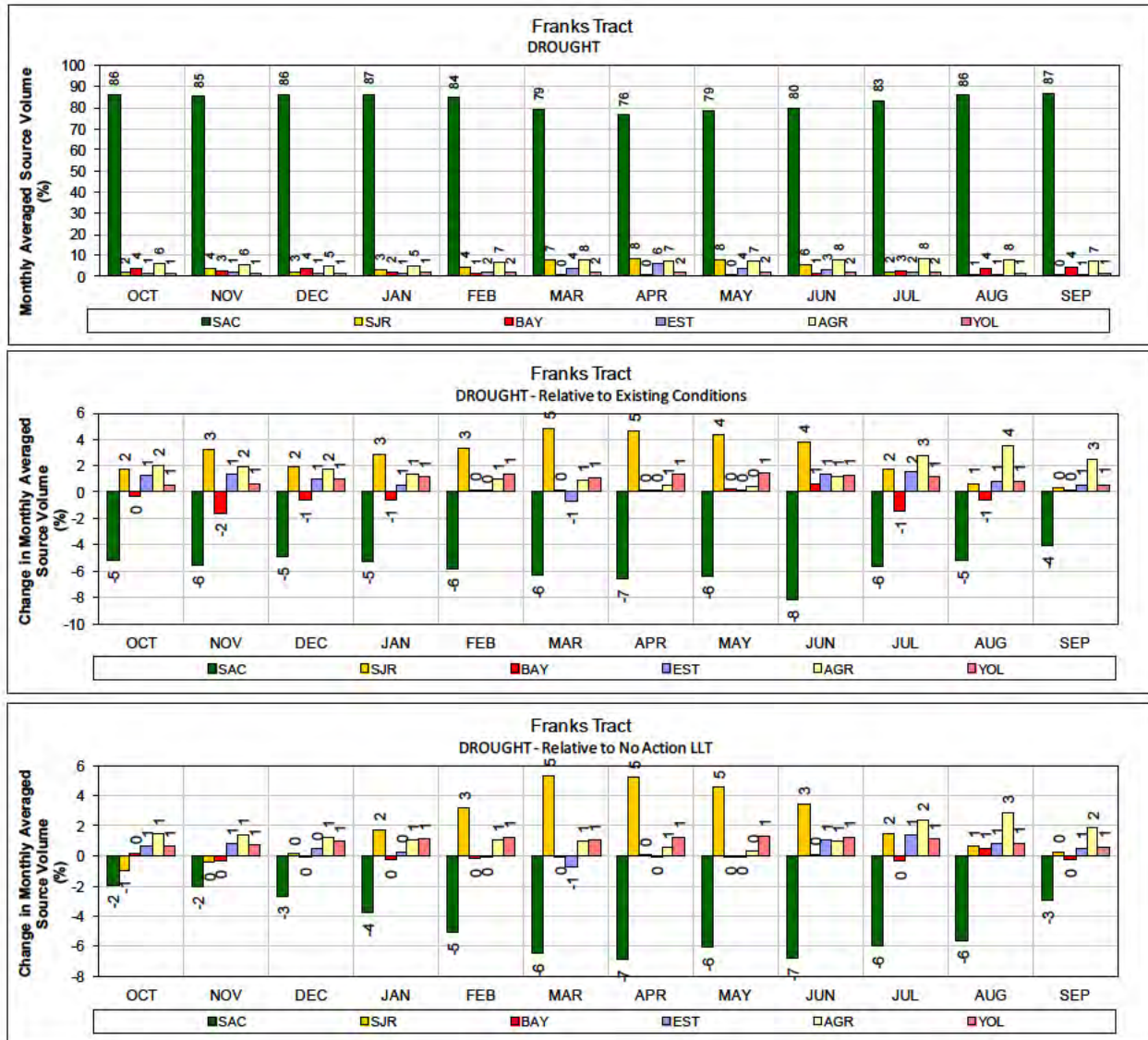
- 1 Figure 91. ALT 4 Scenario H1 – San Joaquin River at Buckley Cove for ALL years (1976-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).
- 3



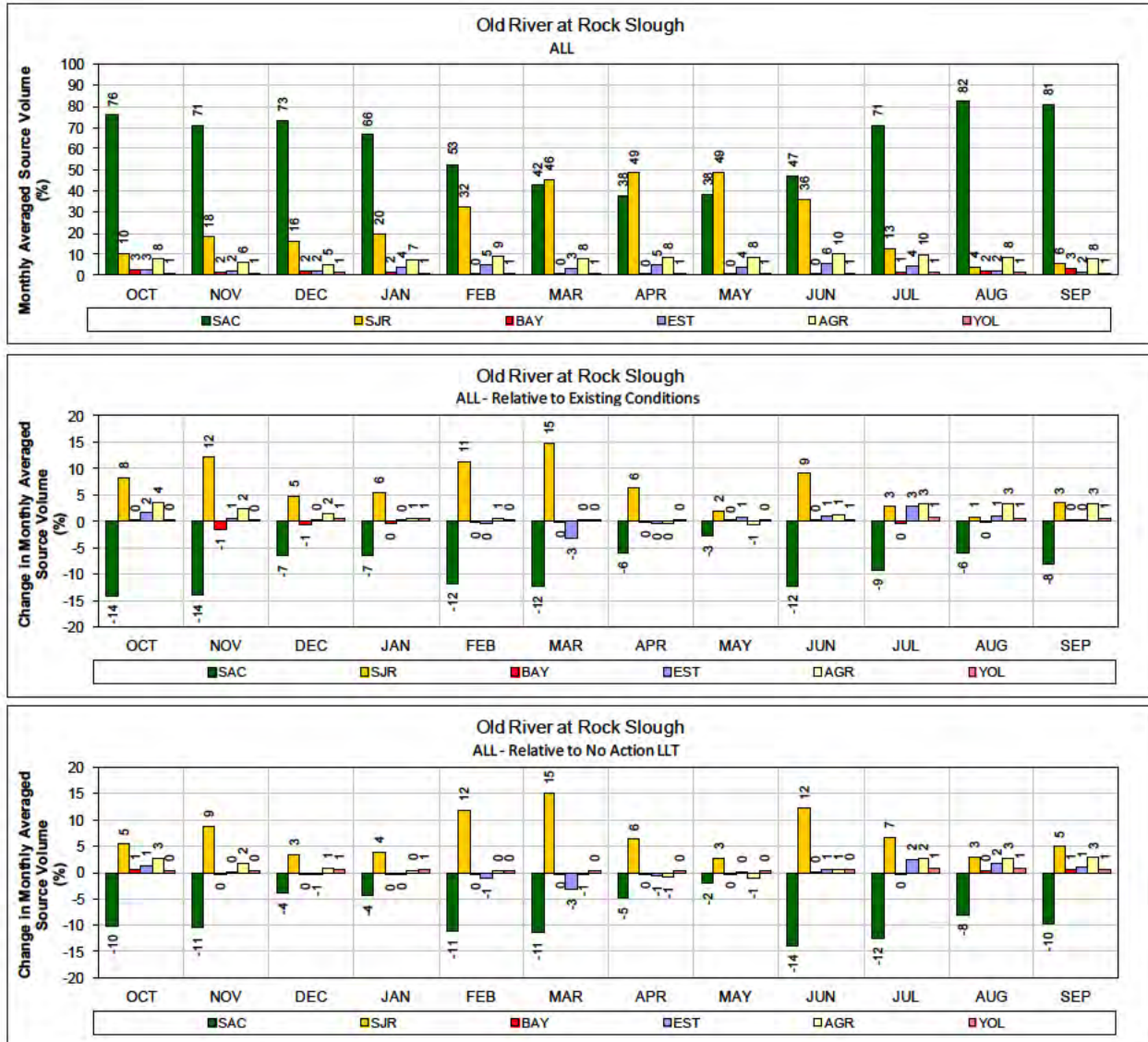
1 Figure 92. ALT 4 Scenario H1 – San Joaquin River at Buckley Cove for DROUGHT years (1987-1991)
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 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



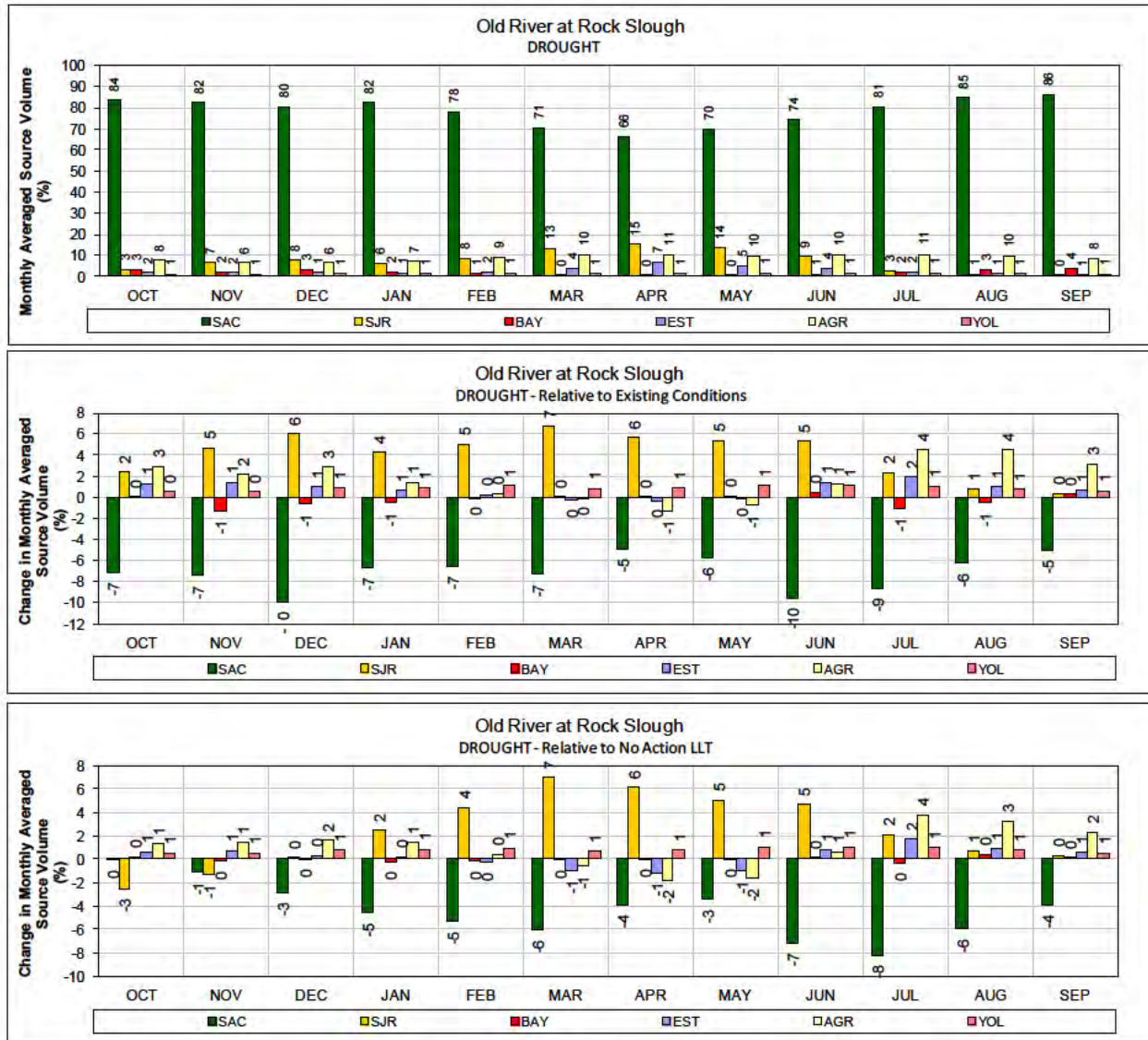
- 1 Figure 93. ALT 4 Scenario H1 – Franks Tract for ALL years (1976-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).
- 3



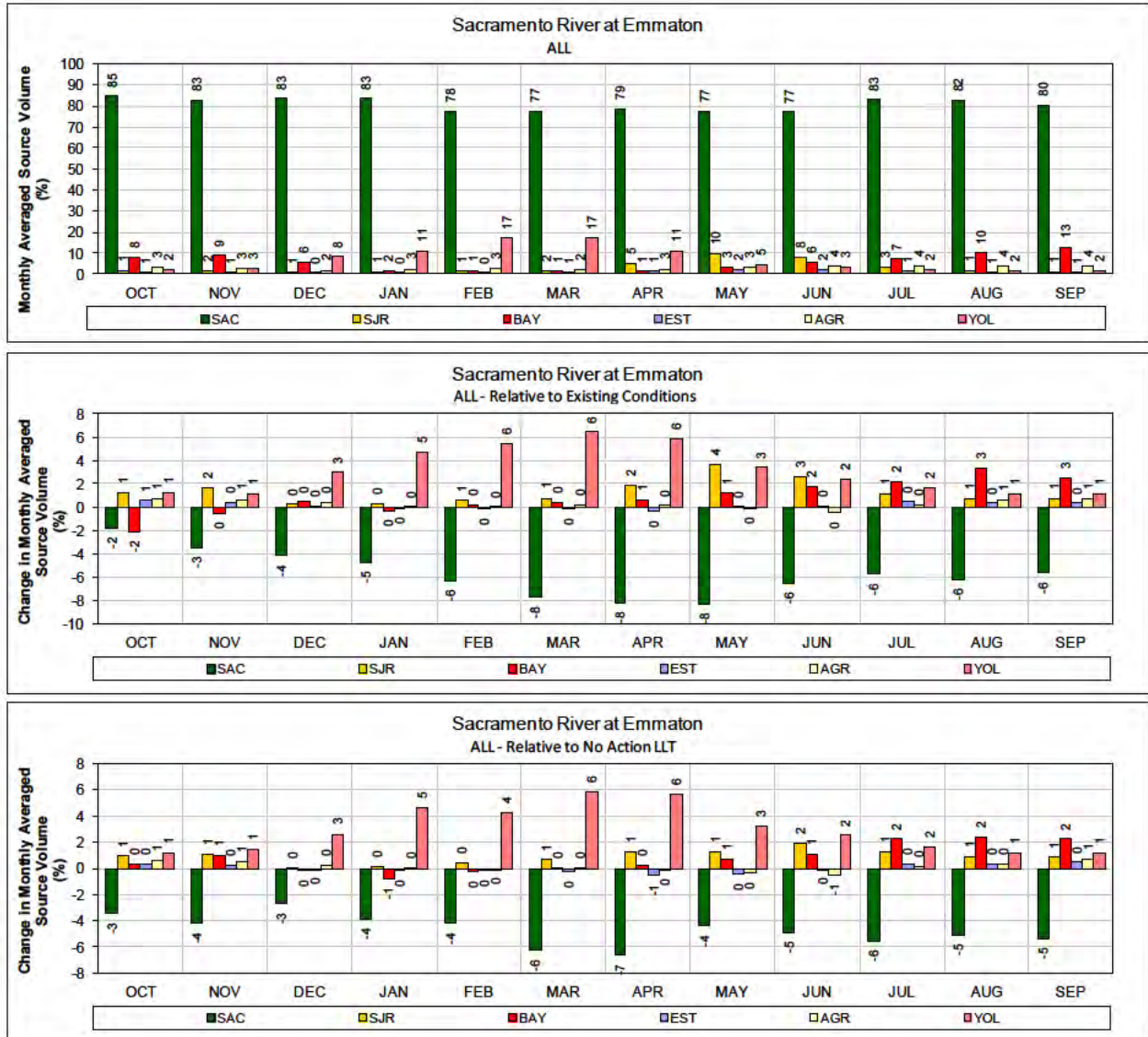
- 1 Figure 94. ALT 4 Scenario H1 – Franks Tract for DROUGHT years (1987-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).
- 3



- 1 Figure 95. ALT 4 Scenario H1 – Old River at Rock Slough for ALL years (1976-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).
- 3



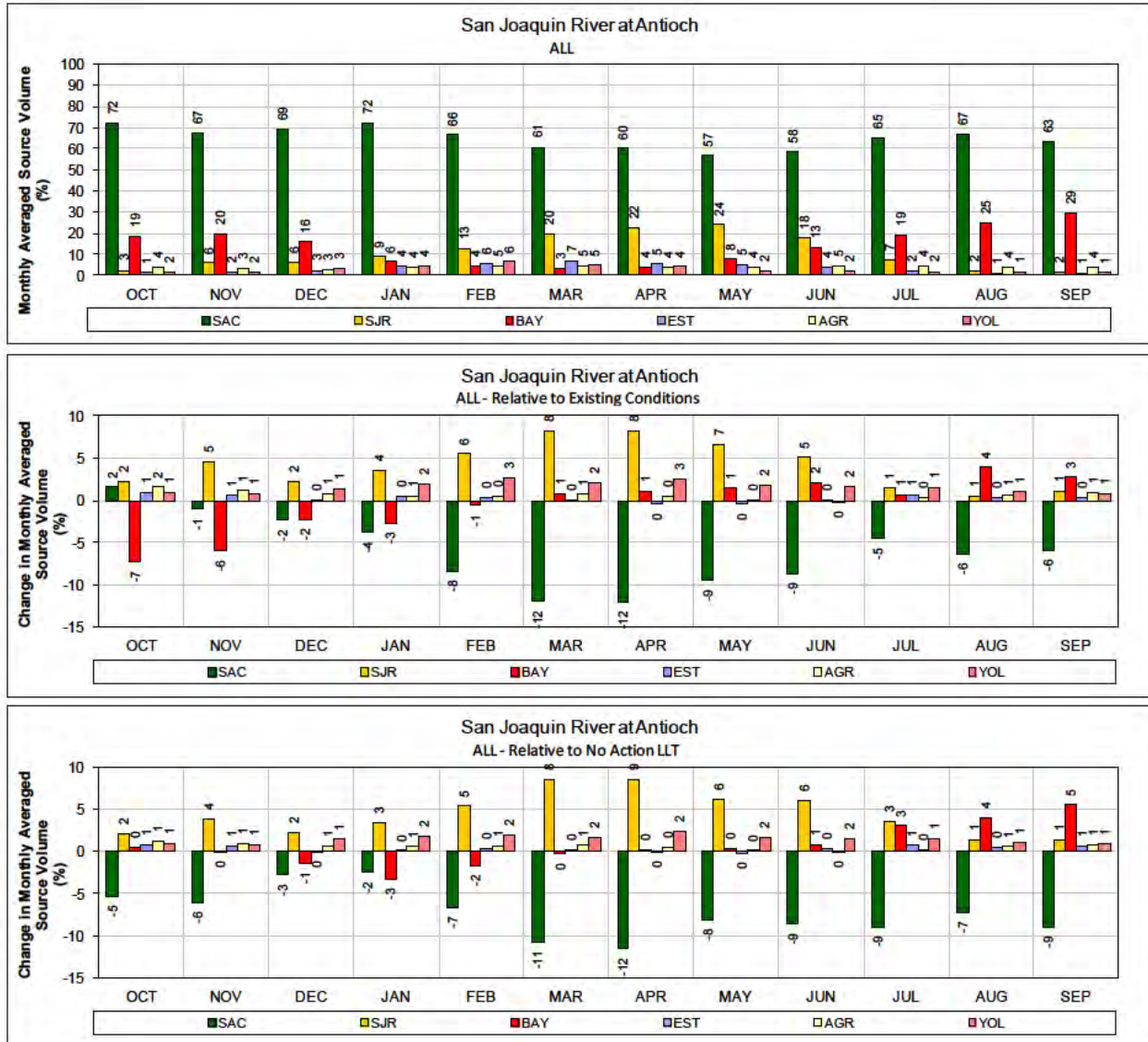
- 1 Figure 96. ALT 4 Scenario H1 – Old River at Rock Slough for DROUGHT years (1987-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
- 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



- 1 Figure 97. ALT 4 Scenario H1 – Sacramento River at Emmaton for ALL years (1976-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).
- 3



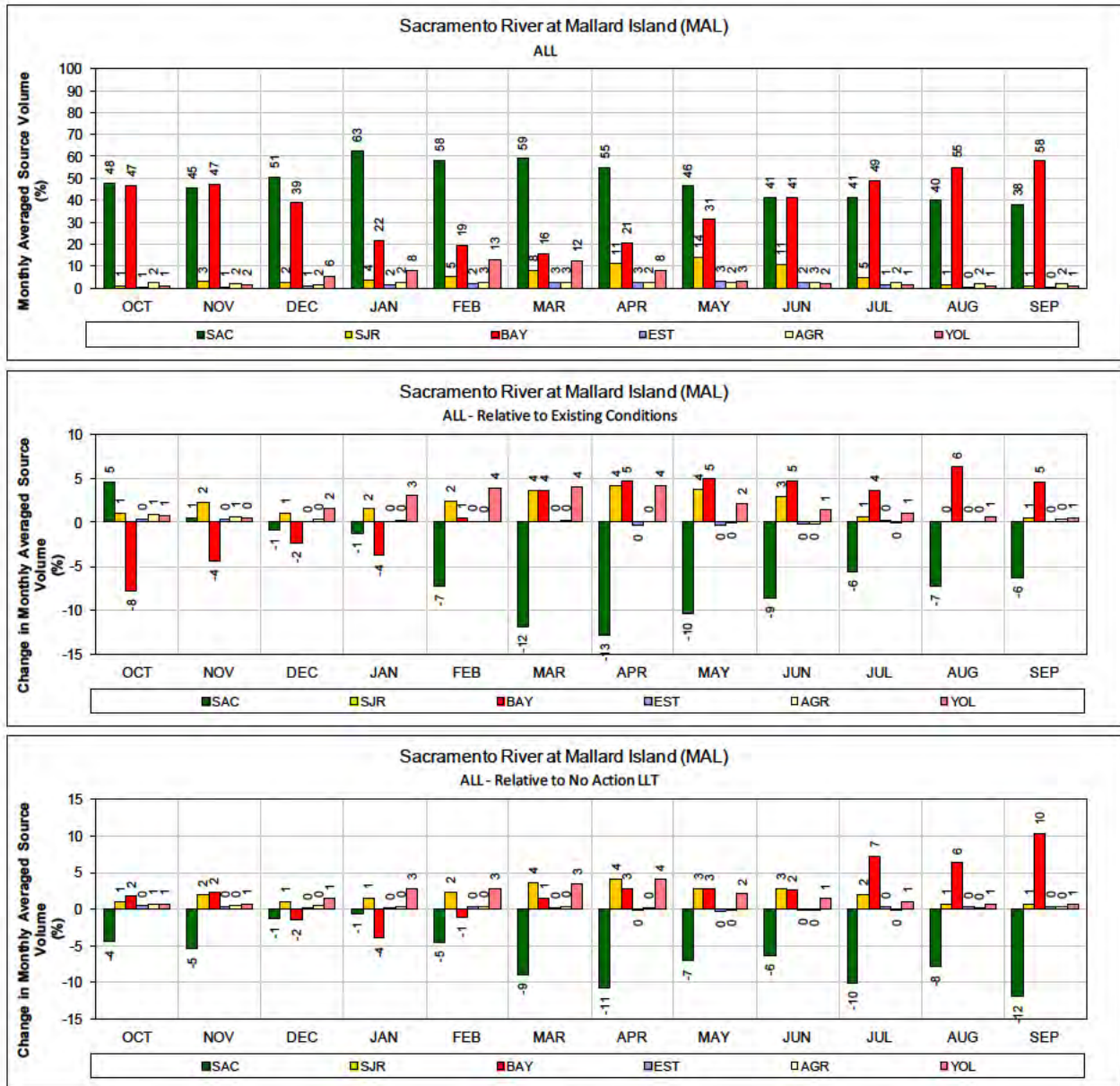
1 Figure 98. ALT 4 Scenario H1 – Sacramento River at Emmaton for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



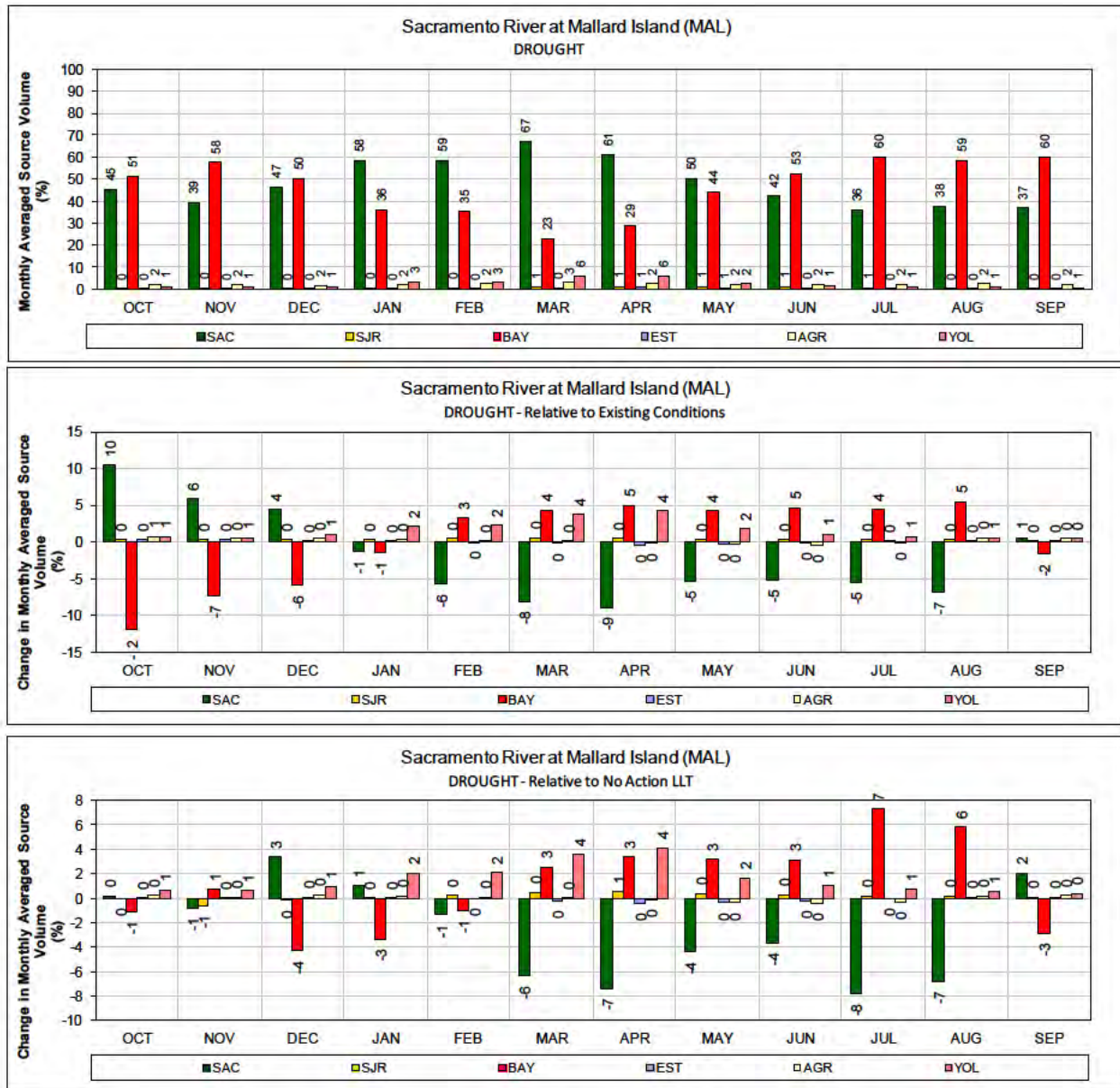
- 1 Figure 99. ALT 4 Scenario H1 – San Joaquin River at Antioch for ALL years (1976-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).
- 3



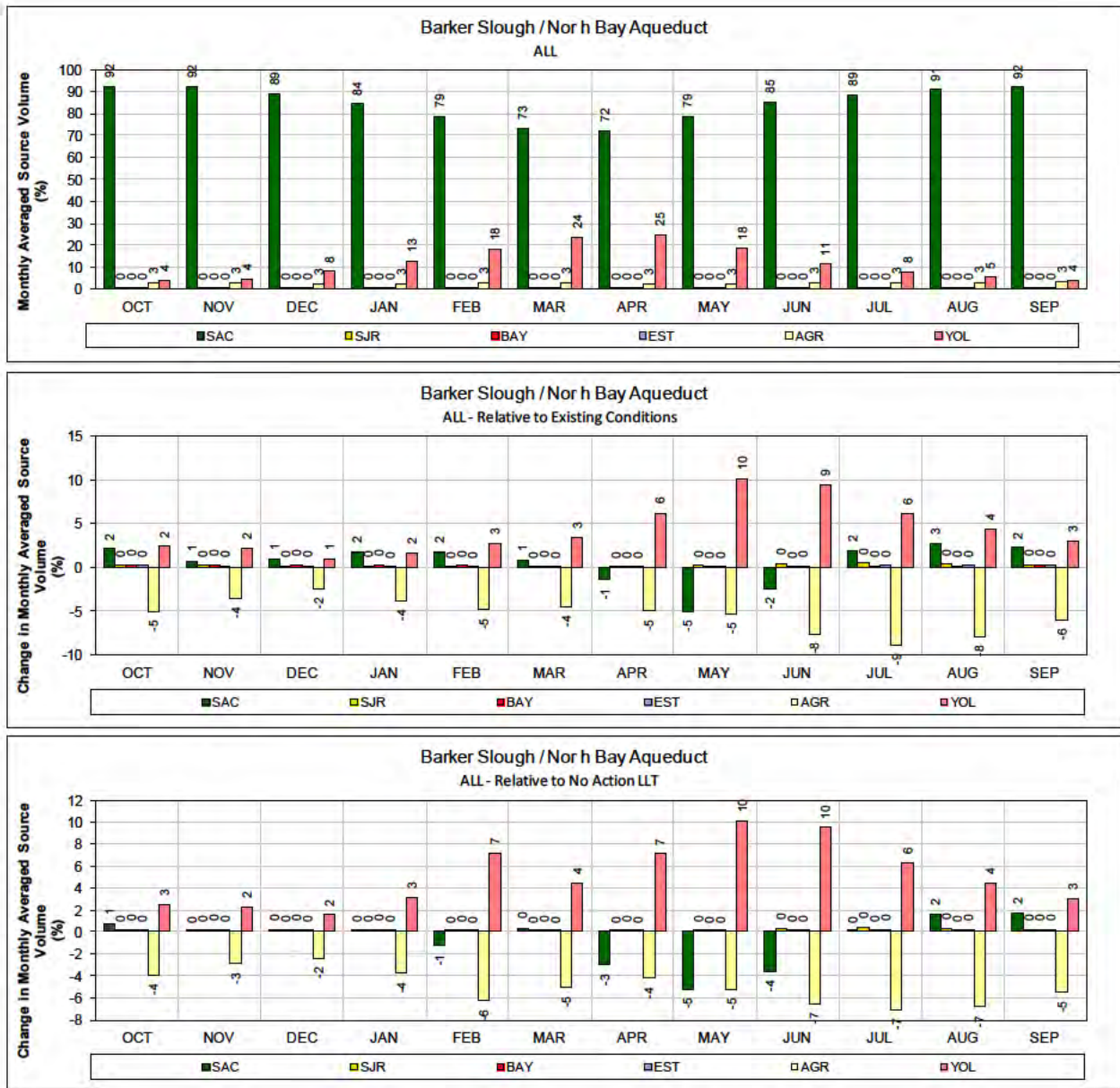
- 1 Figure 100. ALT 4 Scenario H1 – San Joaquin River at Antioch for DROUGHT years (1987-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).
- 3



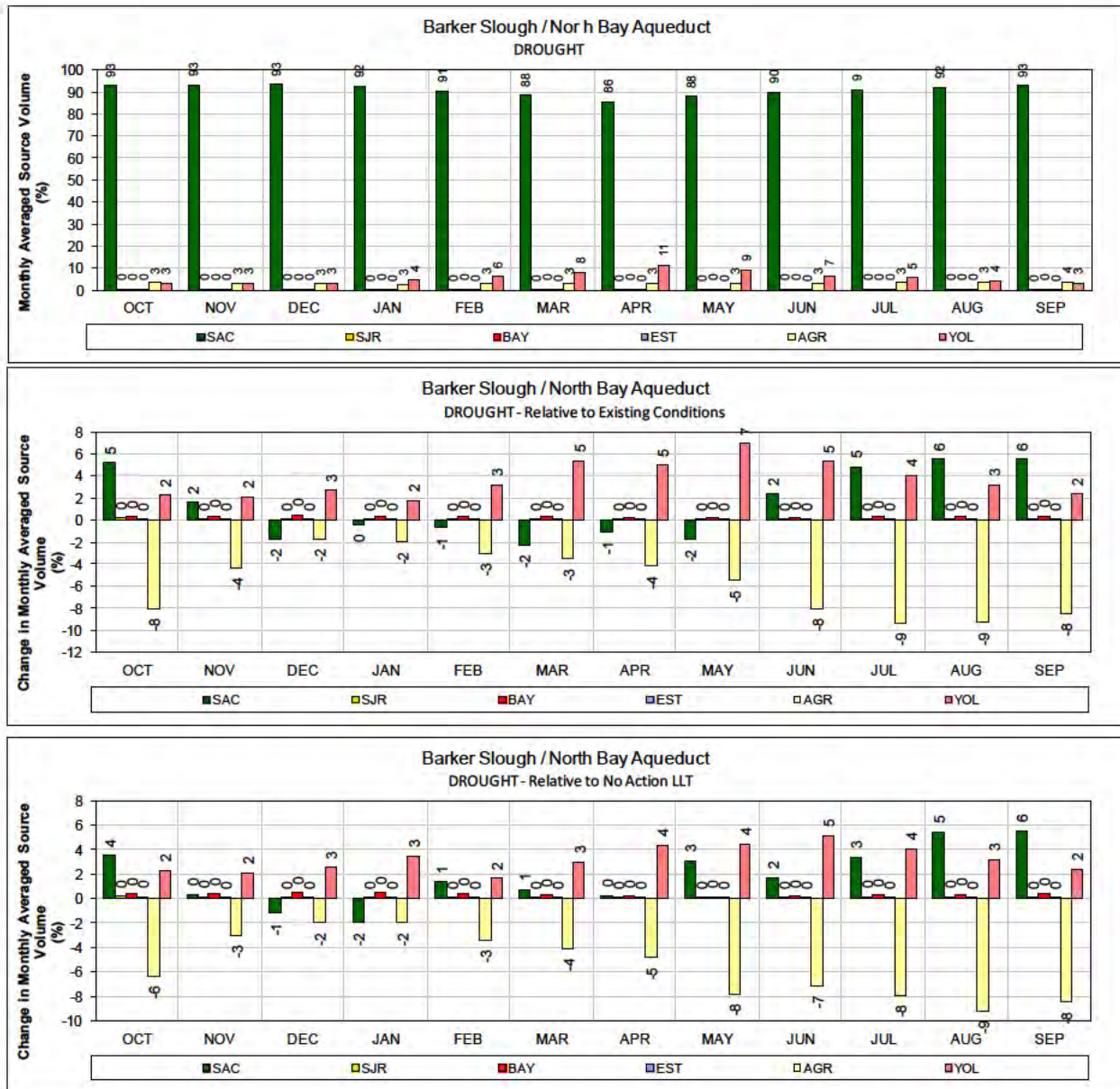
1 Figure 101. ALT 4 Scenario H1 – Sacramento River at Mallard Island for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



1 Figure 102. ALT 4 Scenario H1 – Sacramento River at Mallard Island for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).

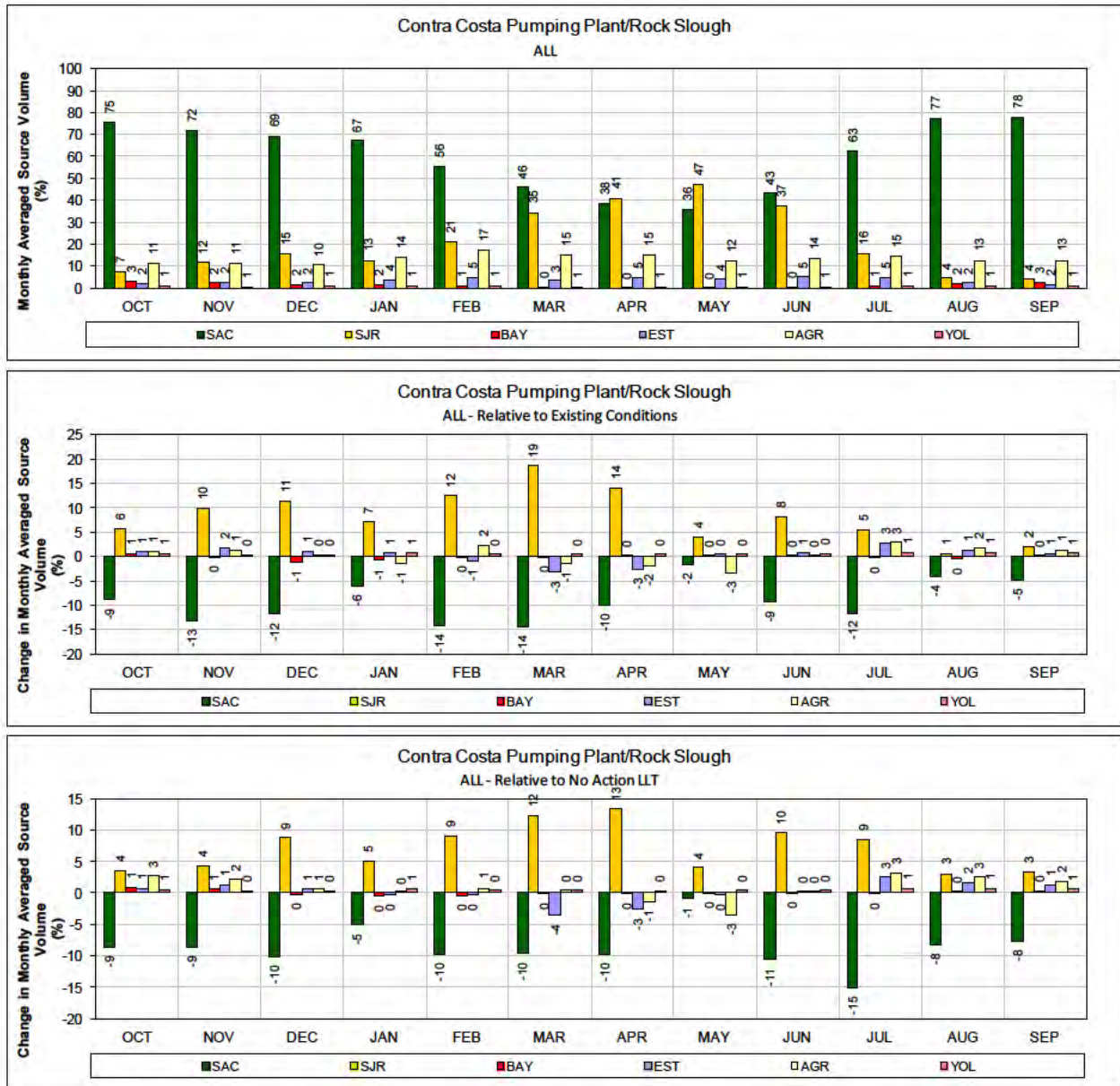


1 Figure 103. ALT 4 Scenario H1 – North Bay Aqueduct at Barker Slough Pumping Plant for ALL years
 2 (1976-1991)
 3 Monthly average source volume (top figure) and change in monthly average source volume relative to
 4 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).

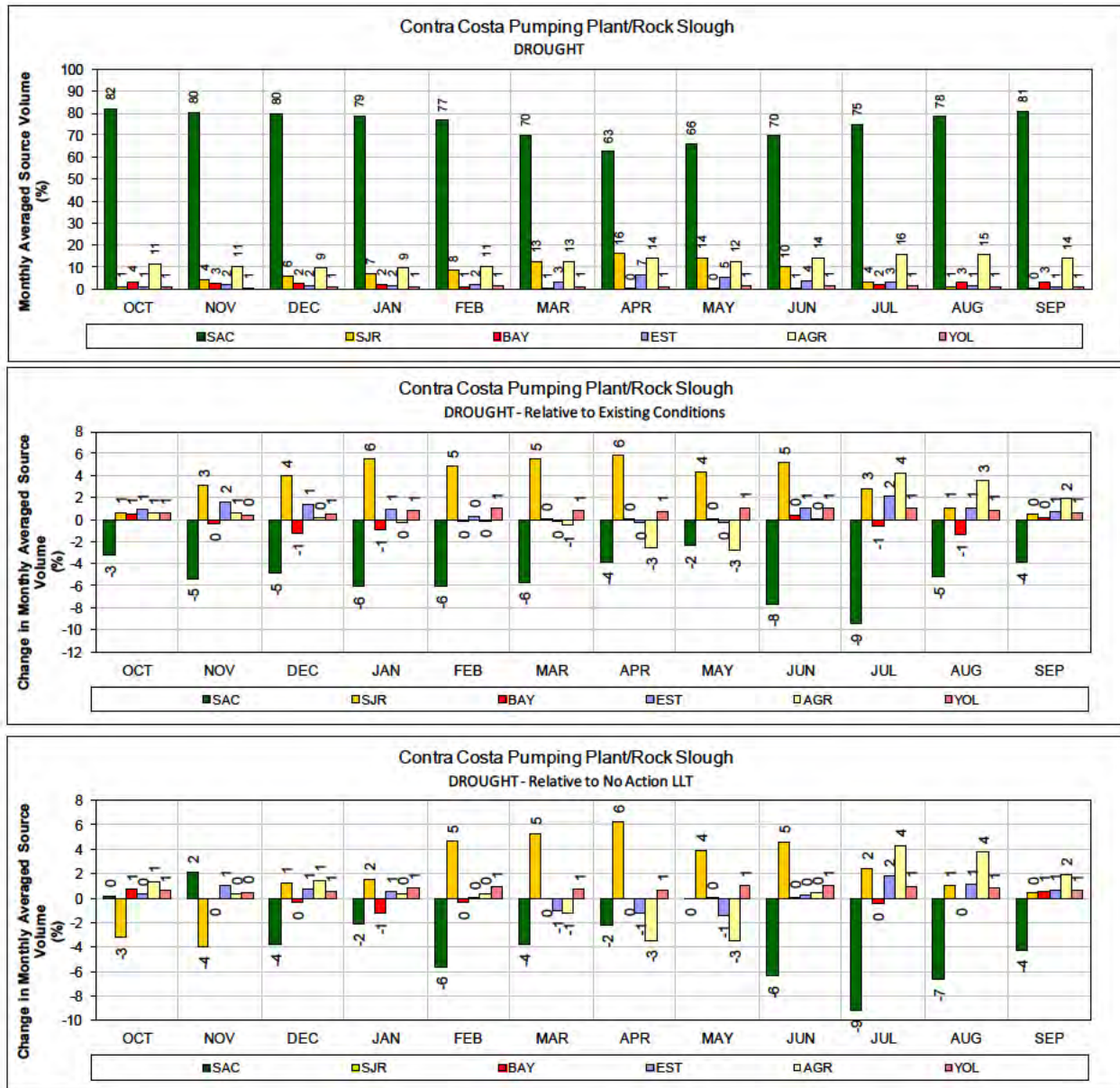


1 Figure 104. ALT 4 Scenario H1 – North Bay Aqueduct at Barker Slough Pumping Plant for DROUGHT
 2 years (1987-1991)

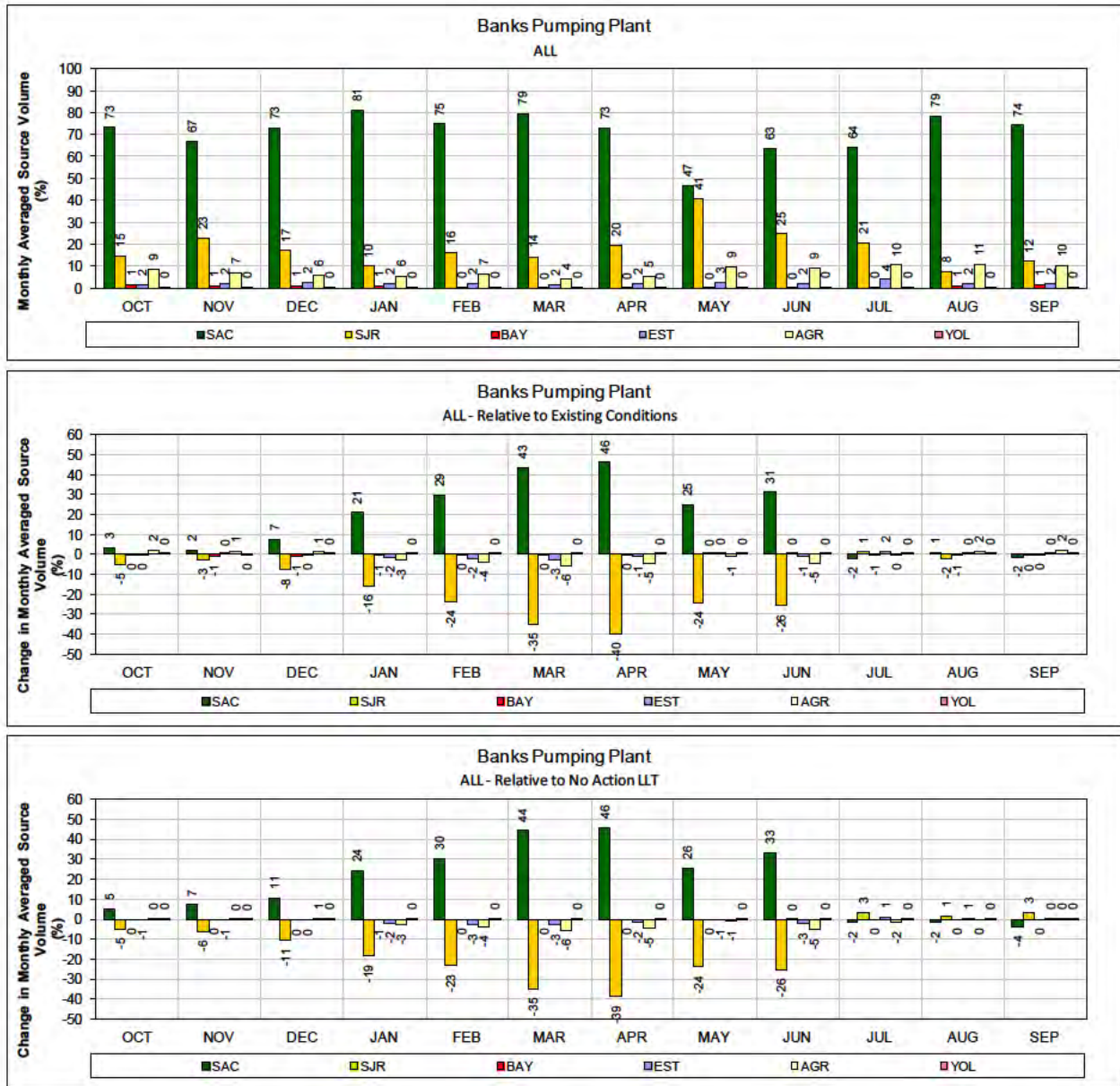
3 Monthly average source volume (top figure) and change in monthly average source volume relative to
 4 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



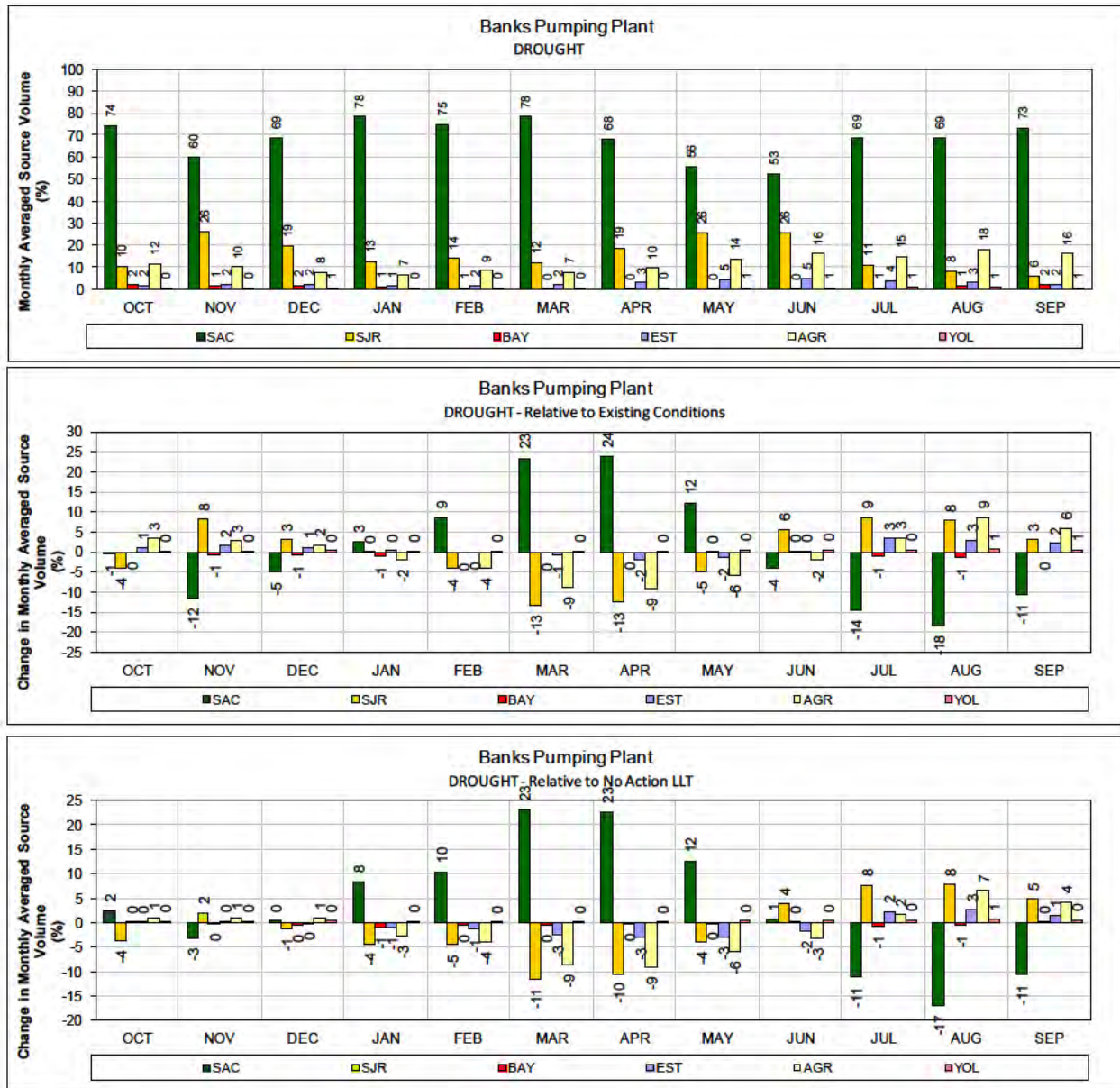
1 Figure 105. ALT 4 Scenario H1 – Contra Costa Pumping Plant #1 for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



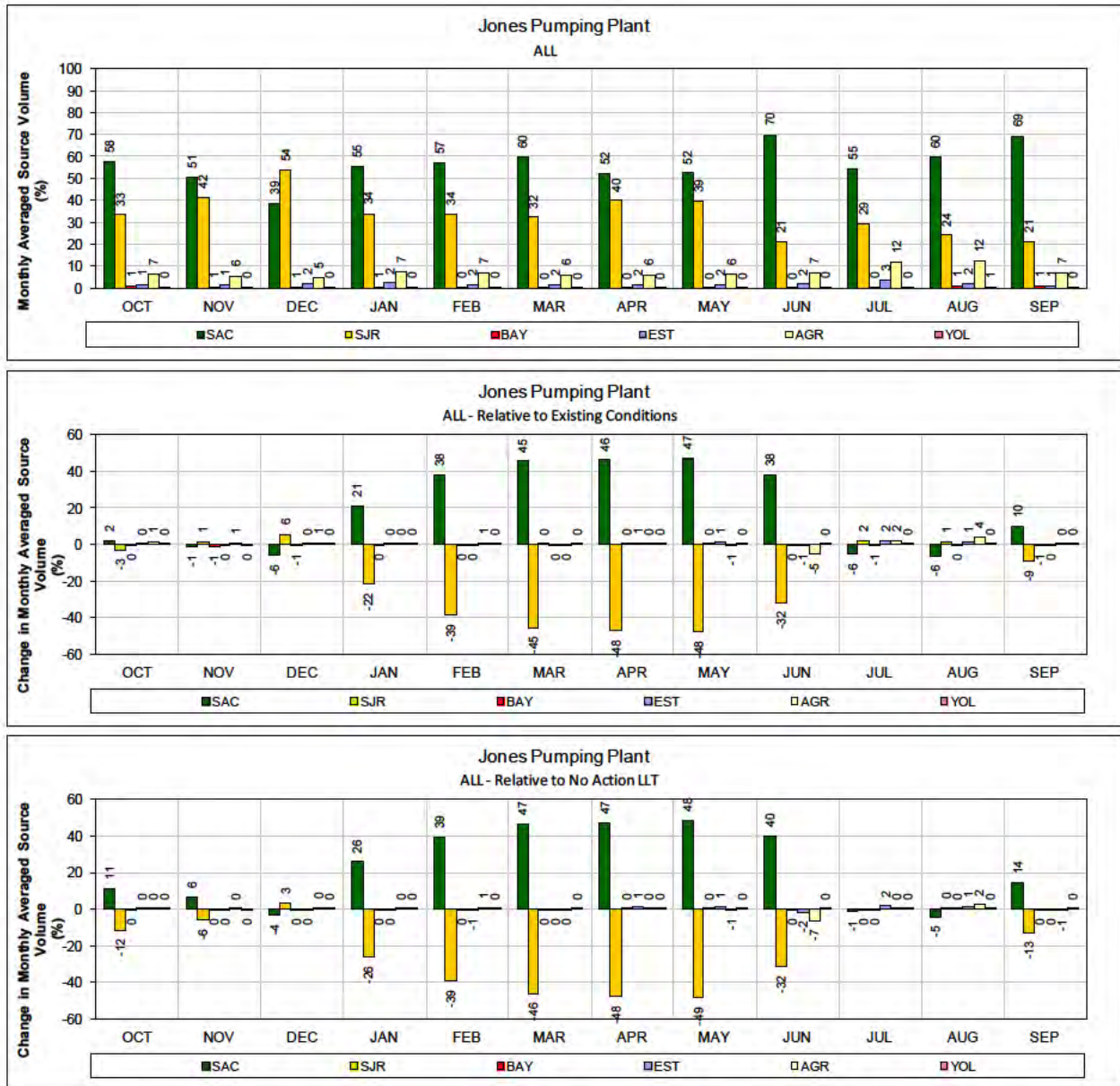
1 **Figure 106. ALT 4 Scenario H1 – Contra Costa Pumping Plant #1 for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



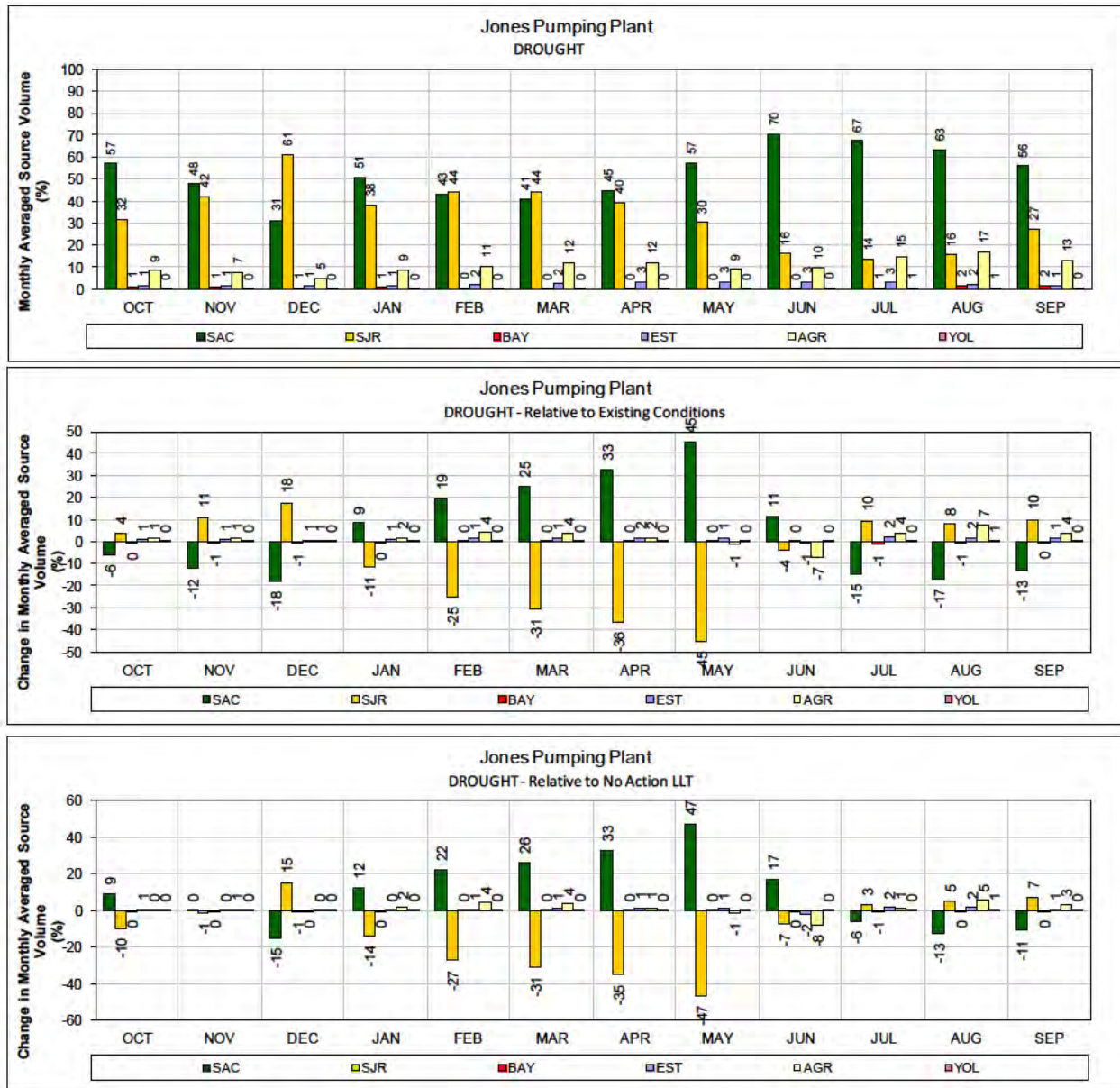
1 Figure 107. ALT 4 Scenario H1 – Banks Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



1 Figure 108. ALT 4 Scenario H1 – Banks Pumping Plant for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



- 1 Figure 109. ALT 4 Scenario H1 – Jones Pumping Plant for ALL years (1976-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).
- 3

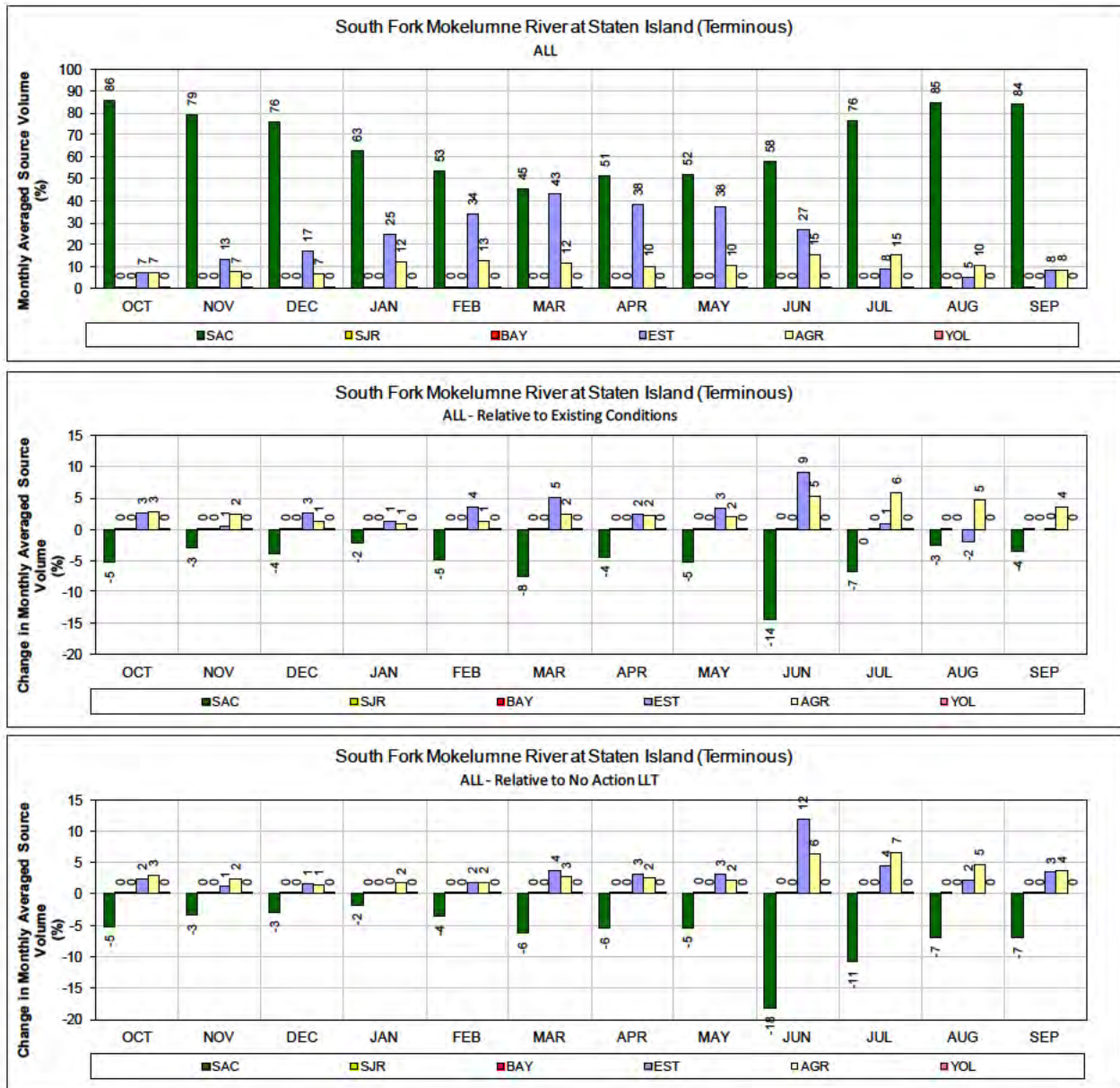


- 1 **Figure 110. ALT 4 Scenario H1 – Jones Pumping Plant for DROUGHT years (1987-1991)**
- 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**
- 3

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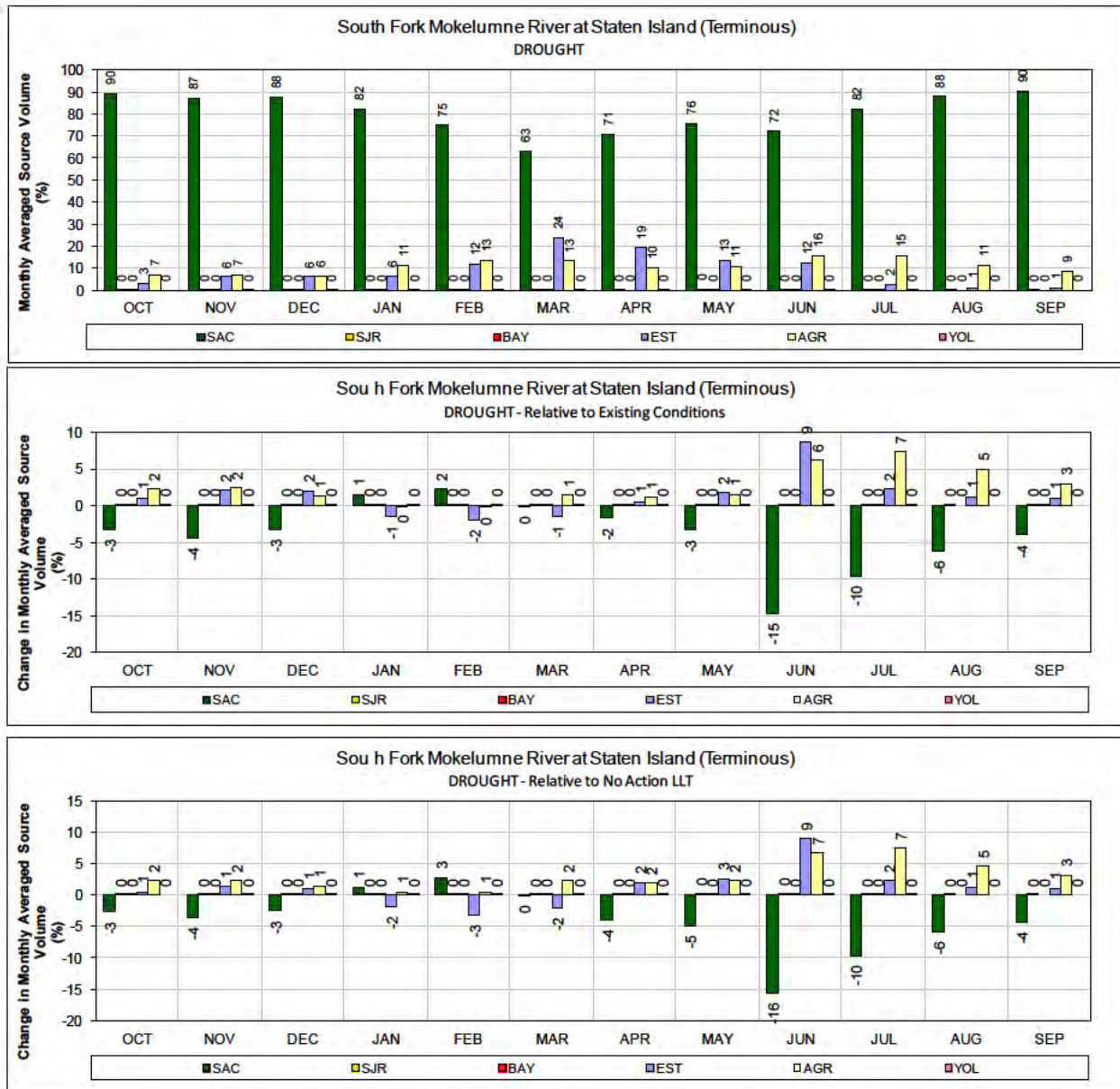
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Alternative 4 LLT Scenario H2

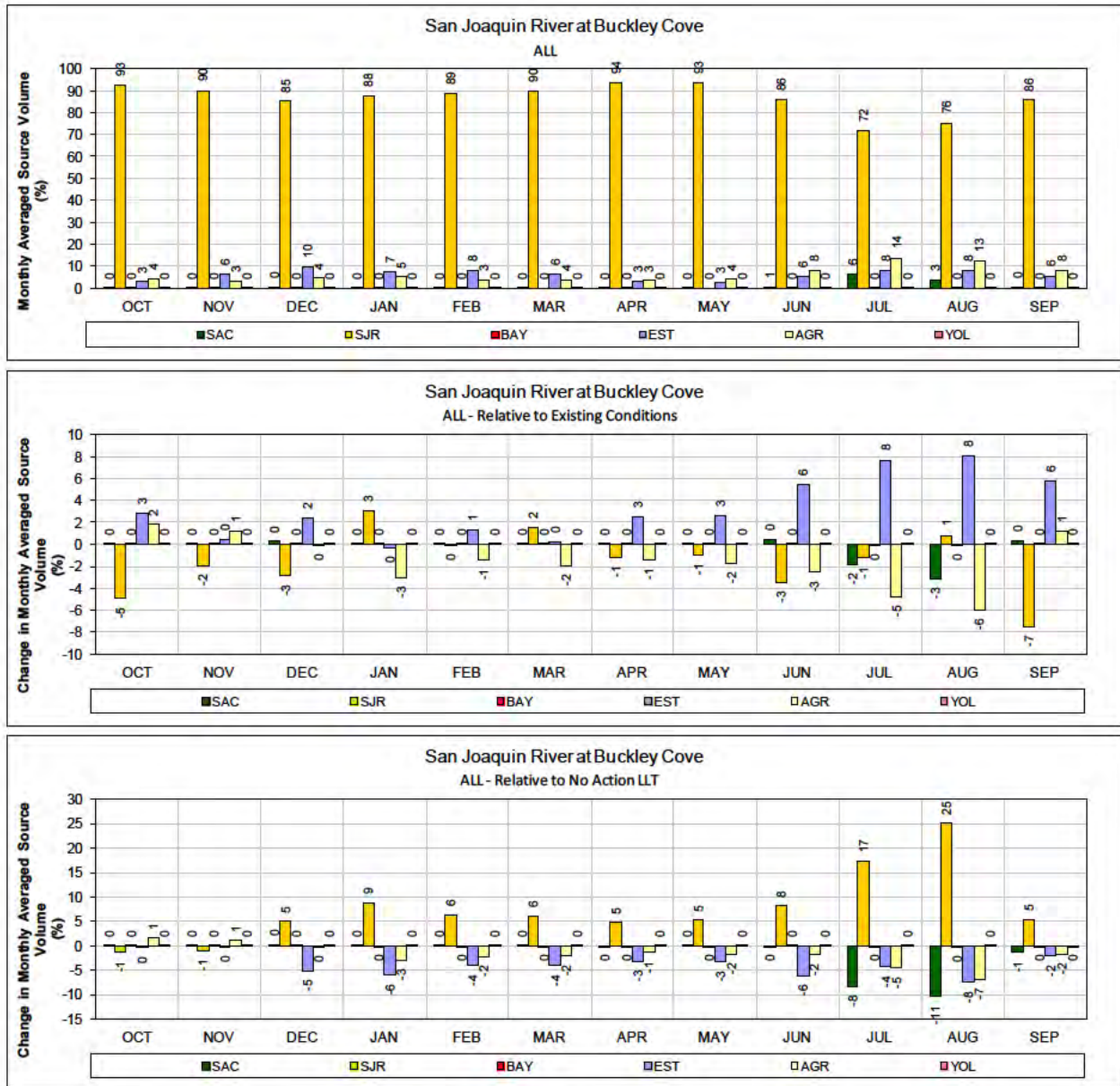


1 Figure 111. ALT 4 Scenario H2 – Mokelumne River (South Fork) at Staten Island for ALL years
 2 (1976-1991)

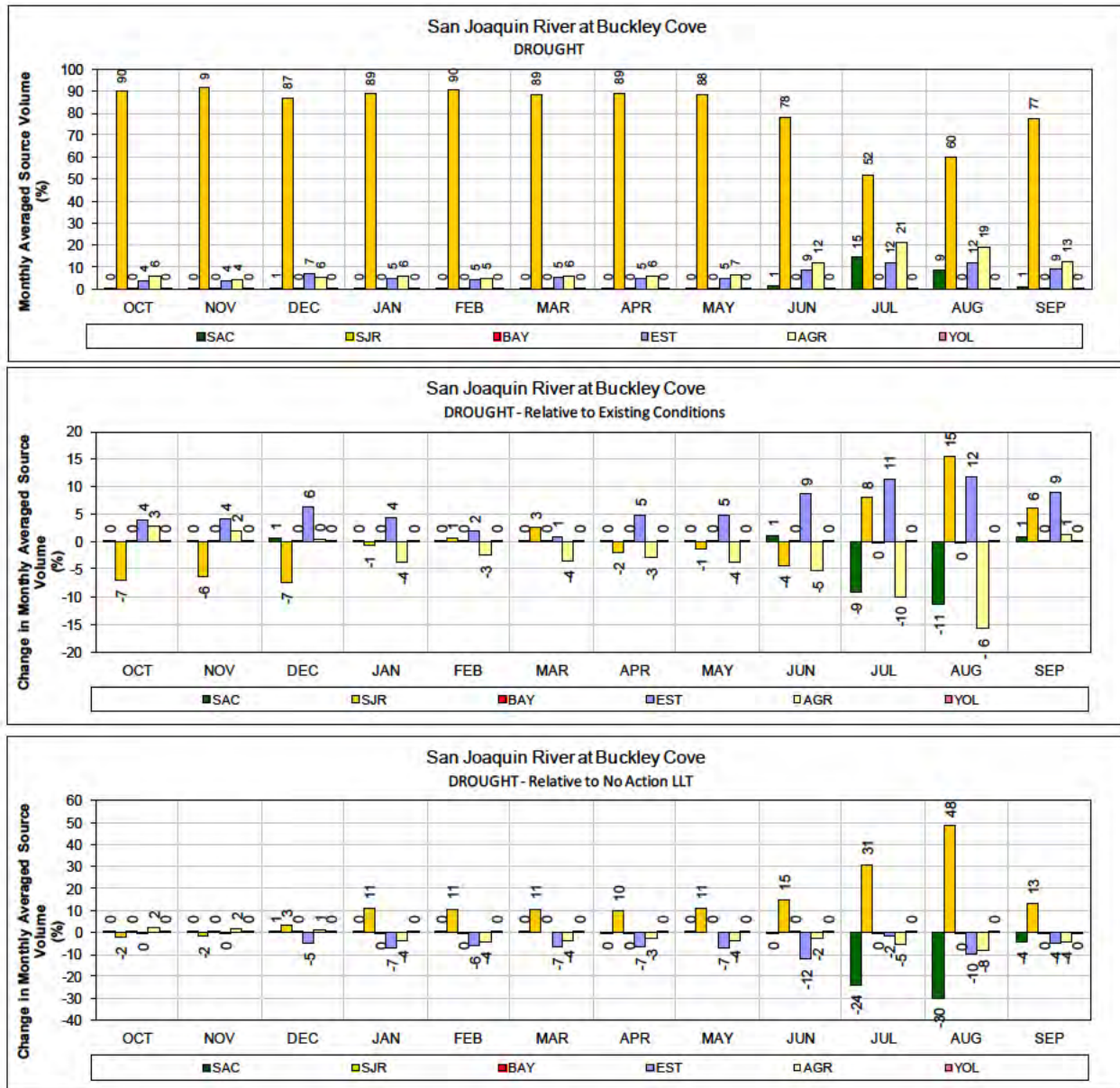
3 Monthly average source volume (top figure) and change in monthly average source volume relative to
 4 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



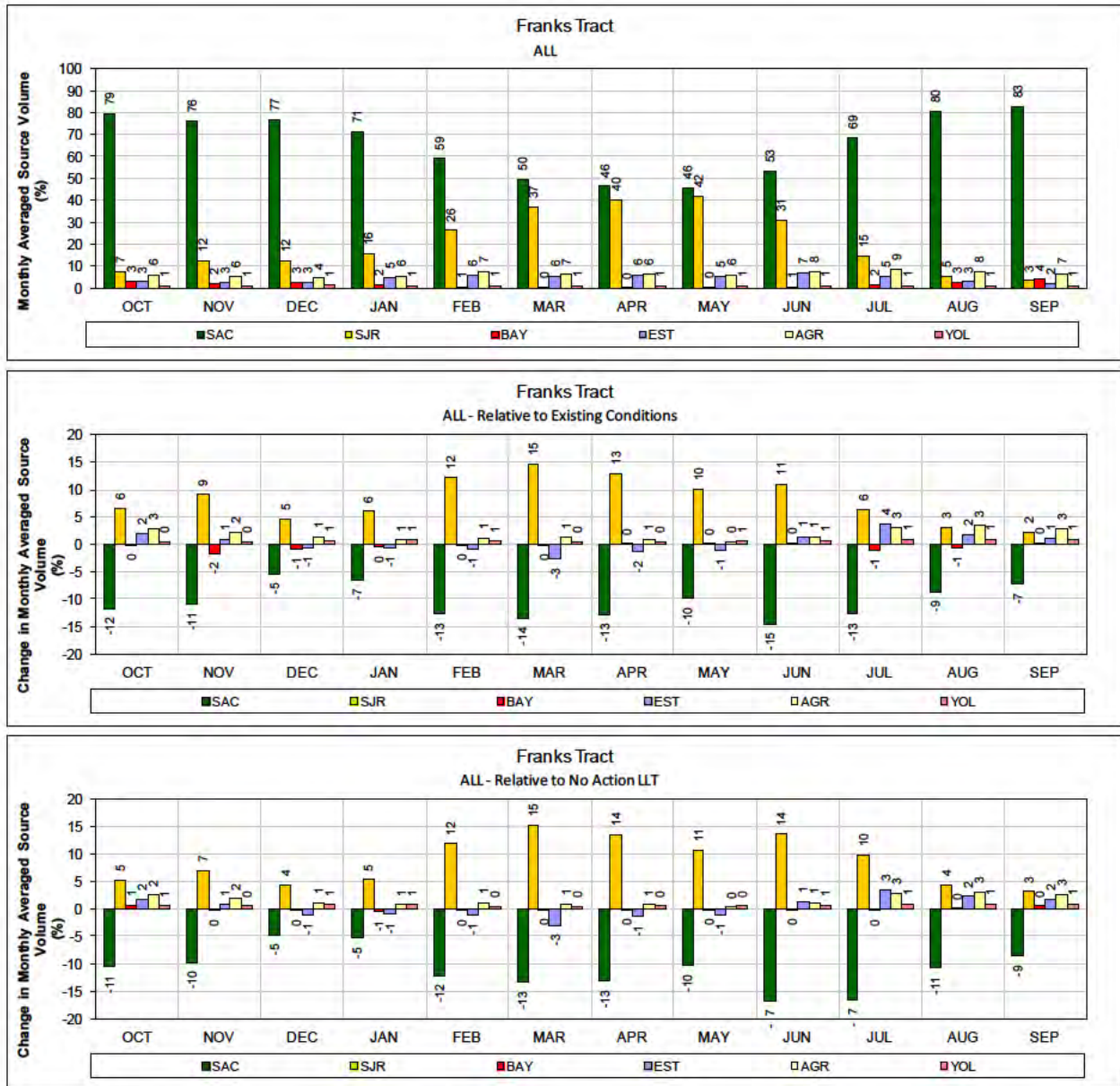
1 Figure 112. ALT 4 Scenario H2 – Mokelumne River (South Fork) at Staten Island for DROUGHT years
 2 (1987-1991)
 3 Monthly average source volume (top figure) and change in monthly average source volume relative to
 4 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



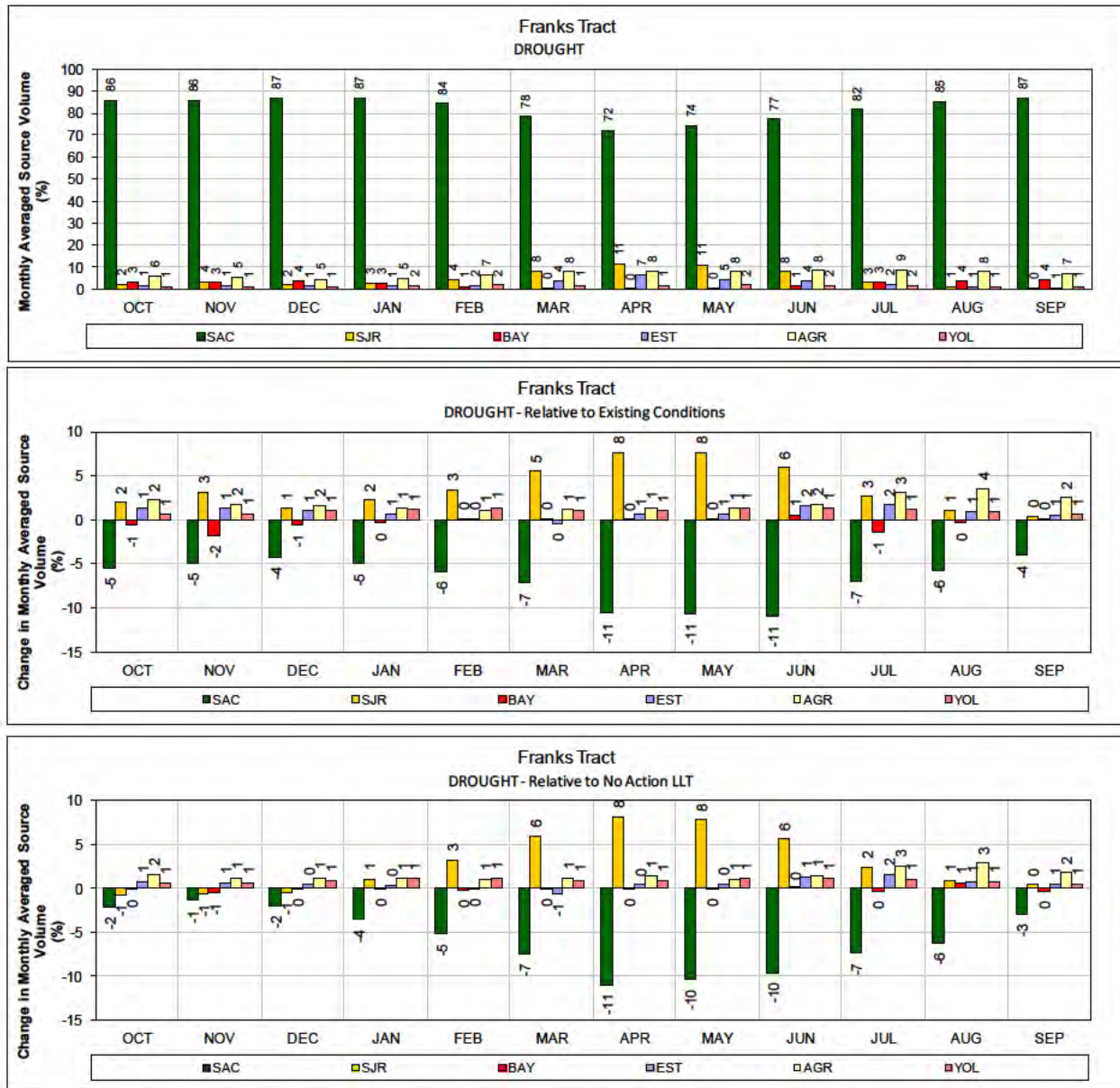
1 Figure 113. ALT 4 Scenario H2 – San Joaquin River at Buckley Cove for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



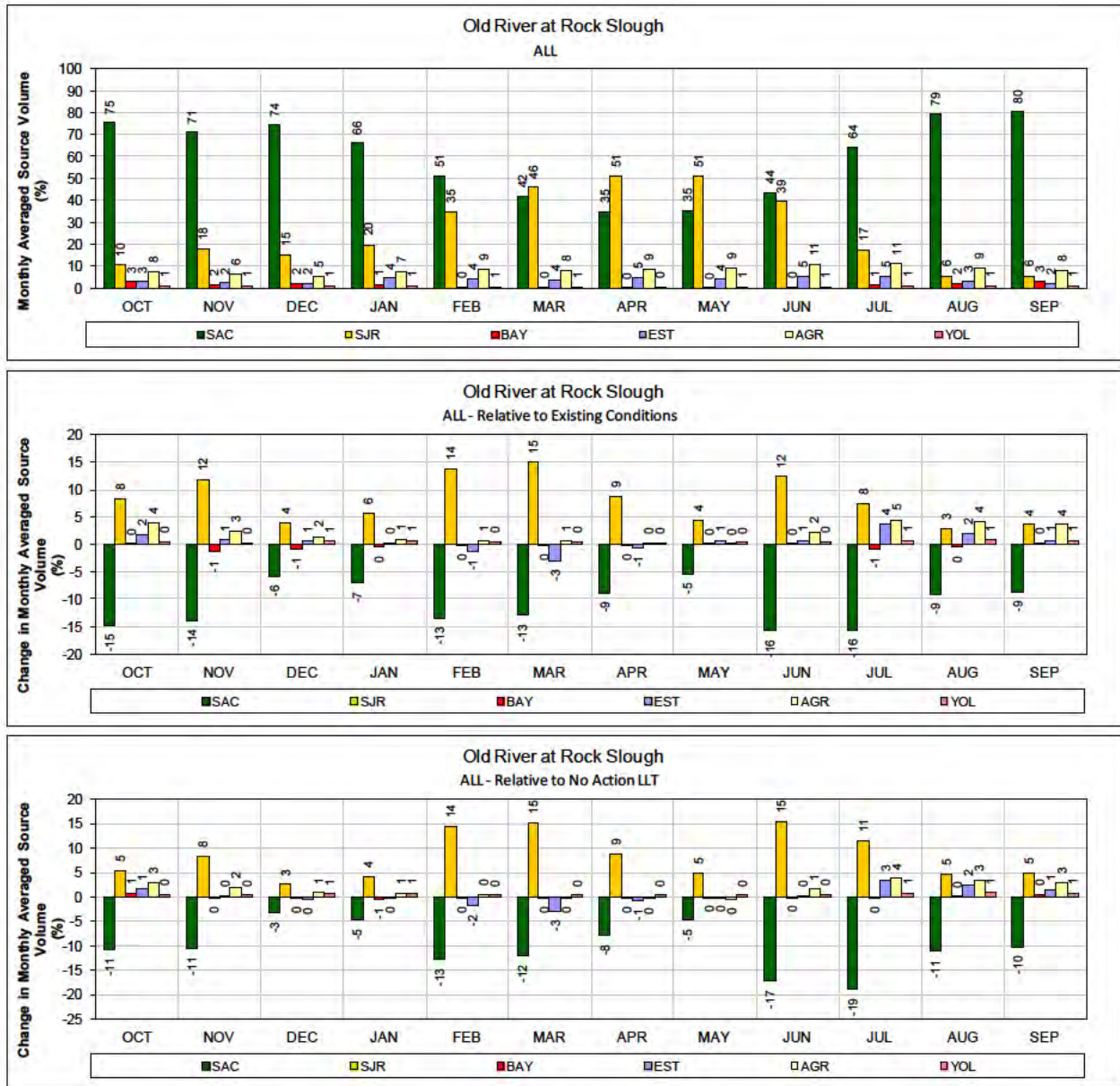
1 Figure 114. ALT 4 Scenario H2 – San Joaquin River at Buckley Cove for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



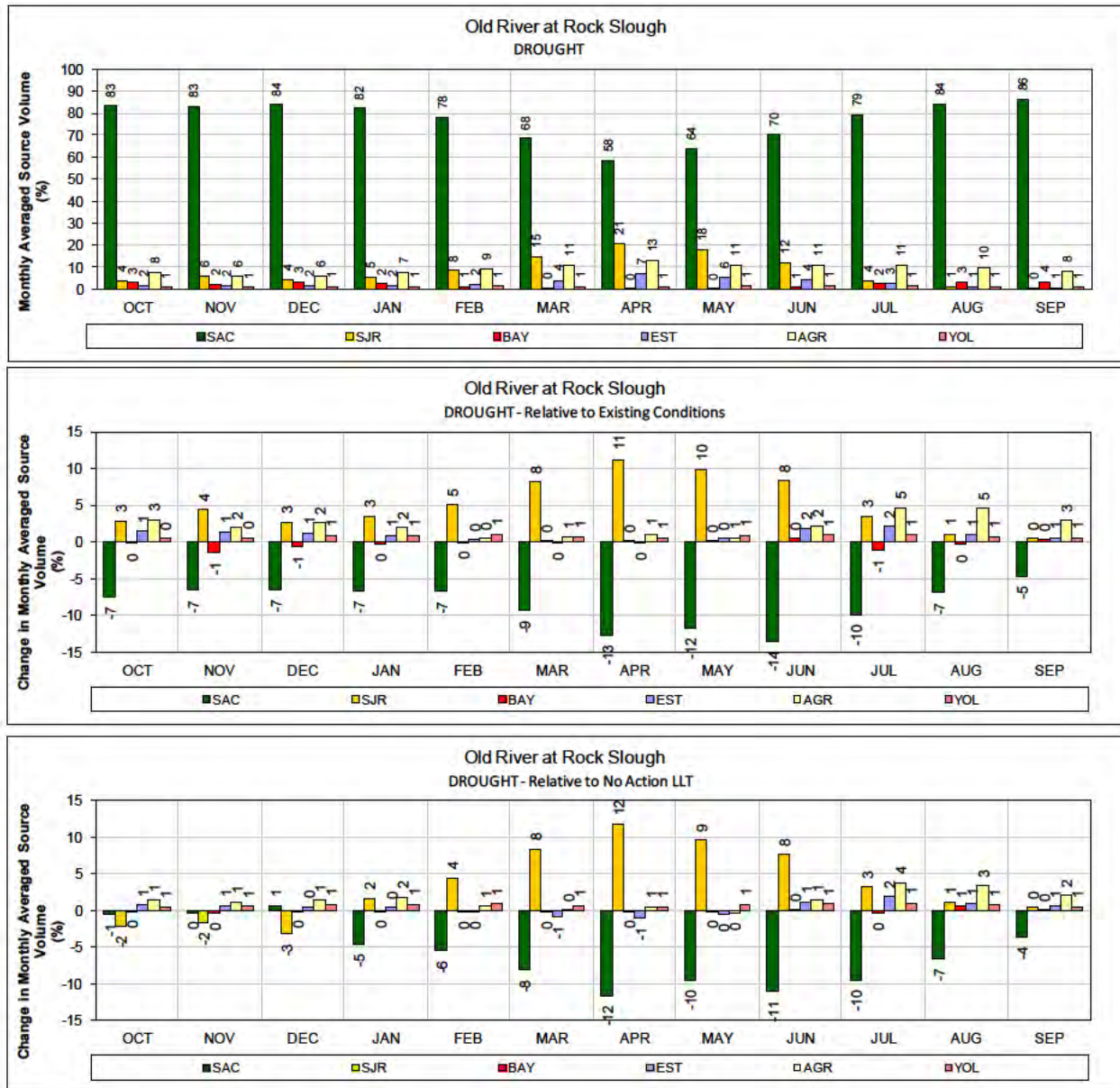
1 Figure 115. ALT 4 – Franks Tract for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



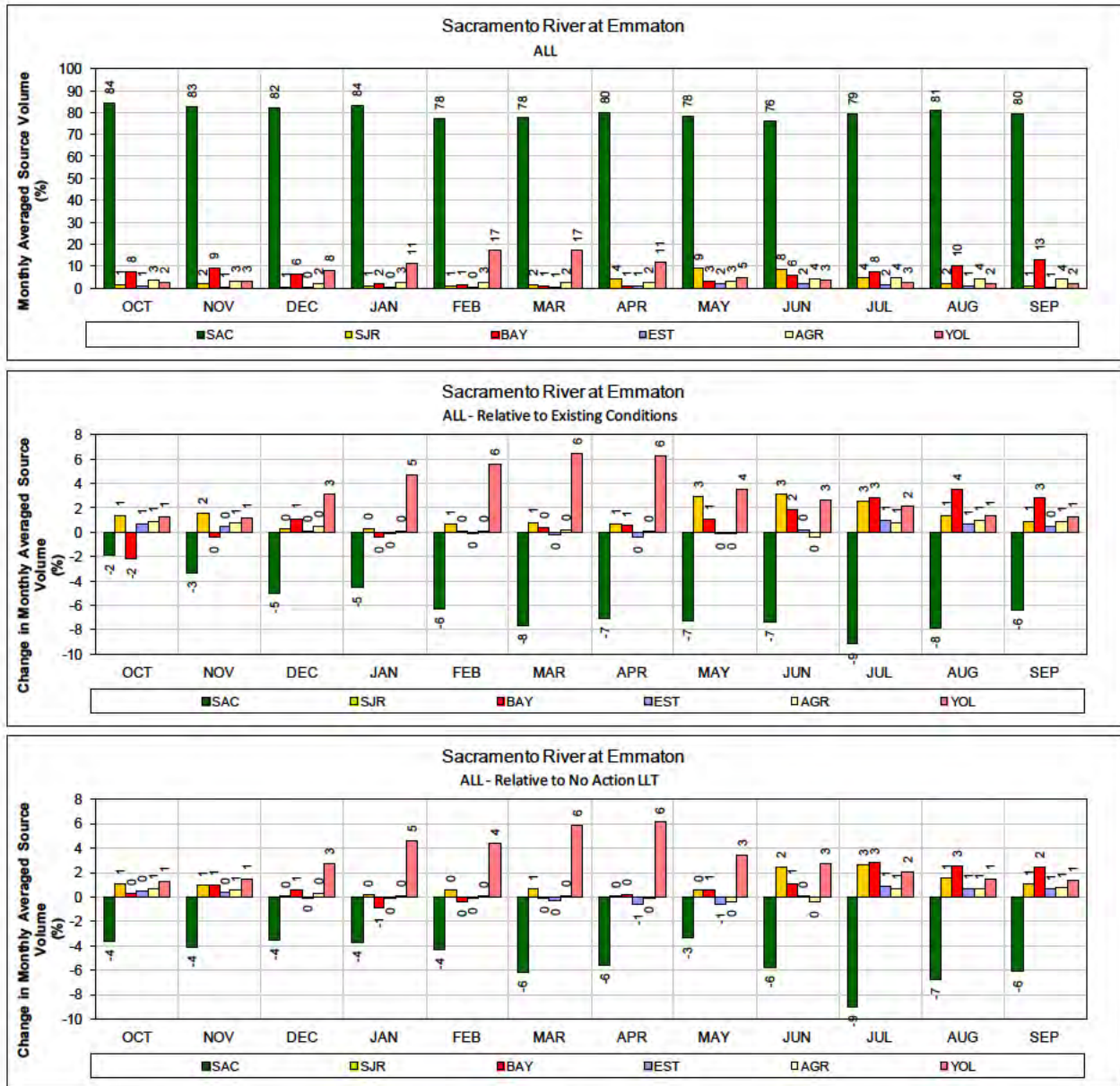
1 Figure 116. ALT 4 Scenario H2 – Franks Tract for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



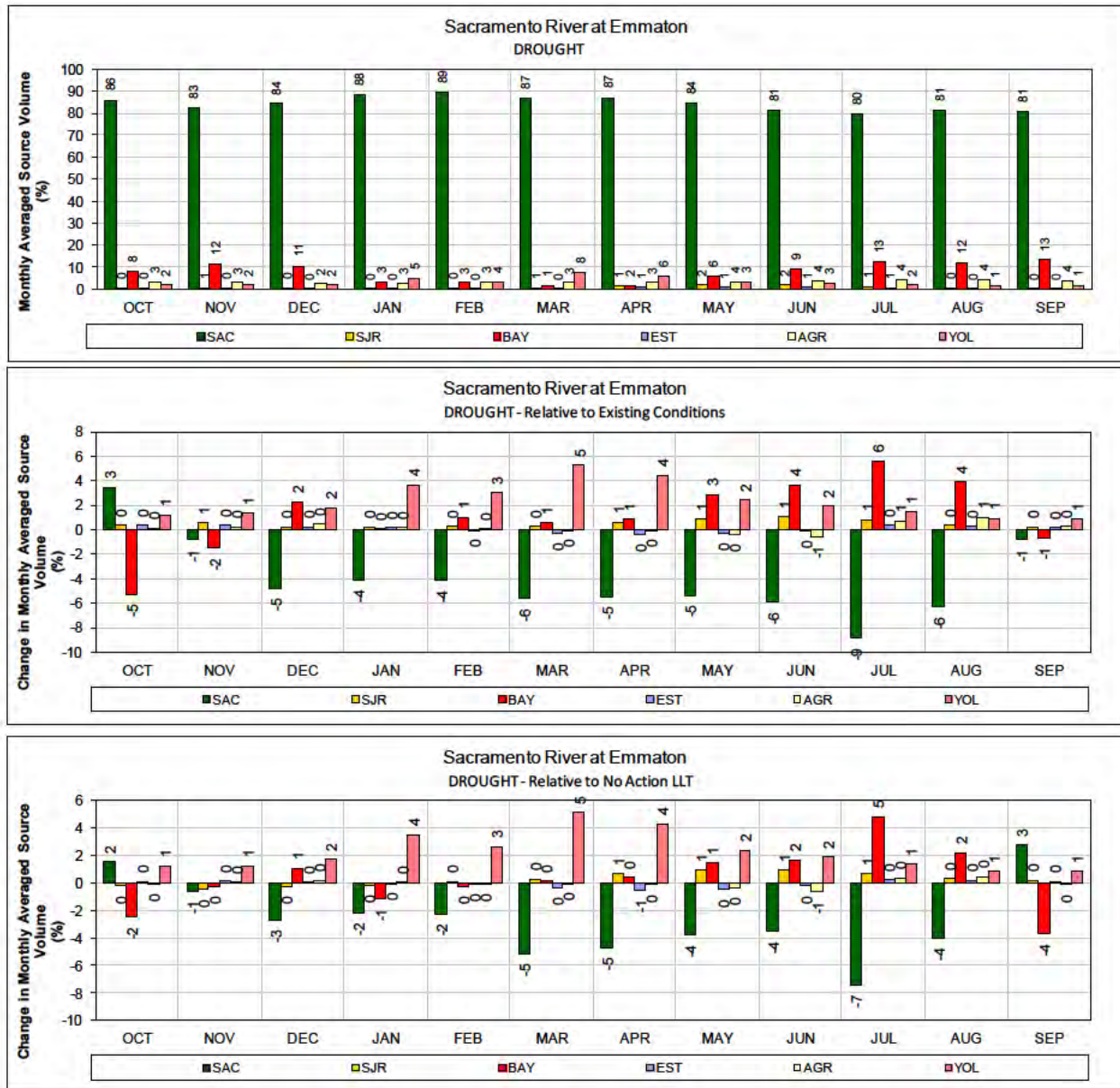
1 Figure 117. ALT 4 Scenario H2 – Old River at Rock Slough for ALL years (1976-1991)
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 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



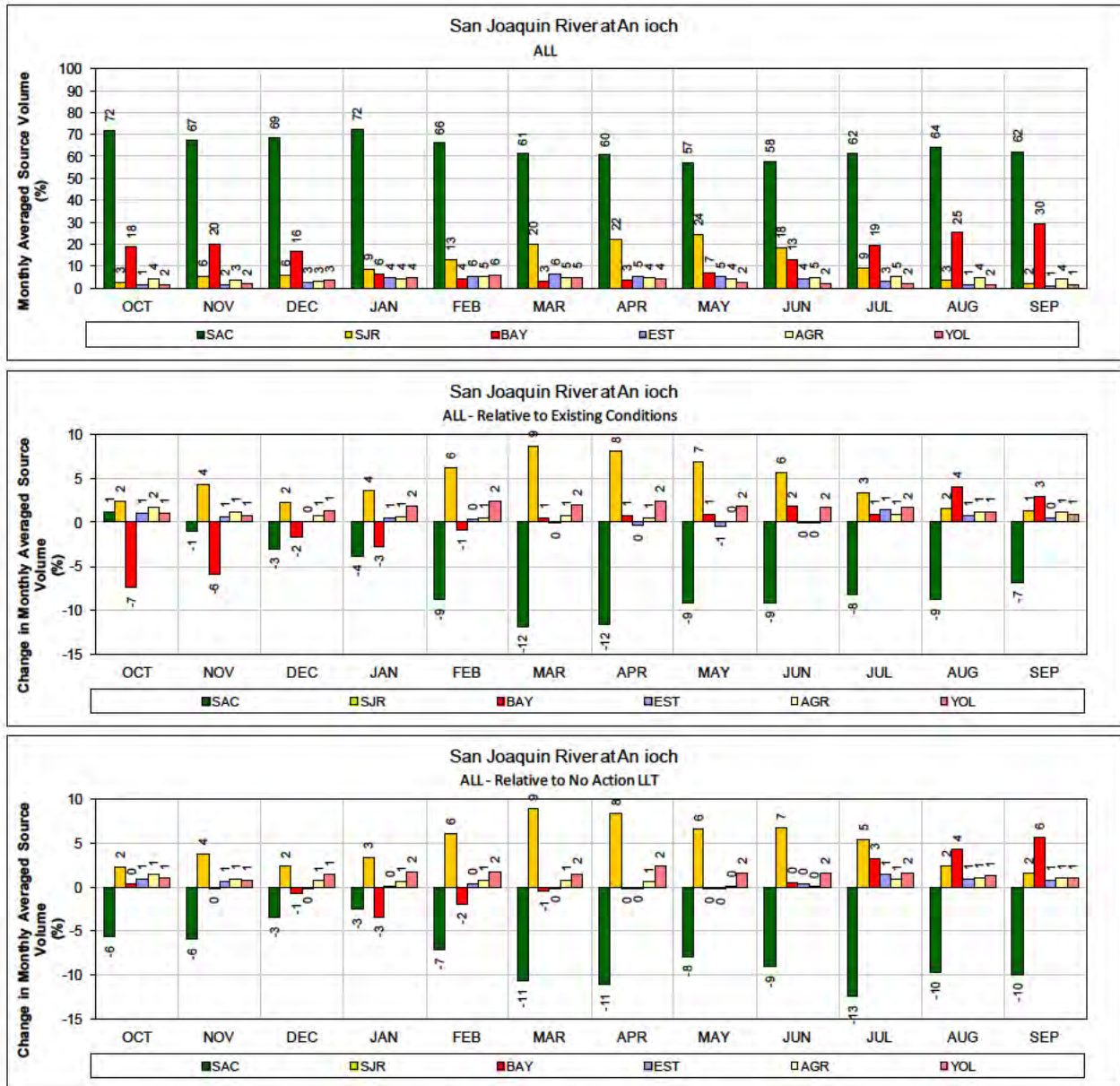
1 Figure 118. ALT 4 Scenario H2 – Old River at Rock Slough for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



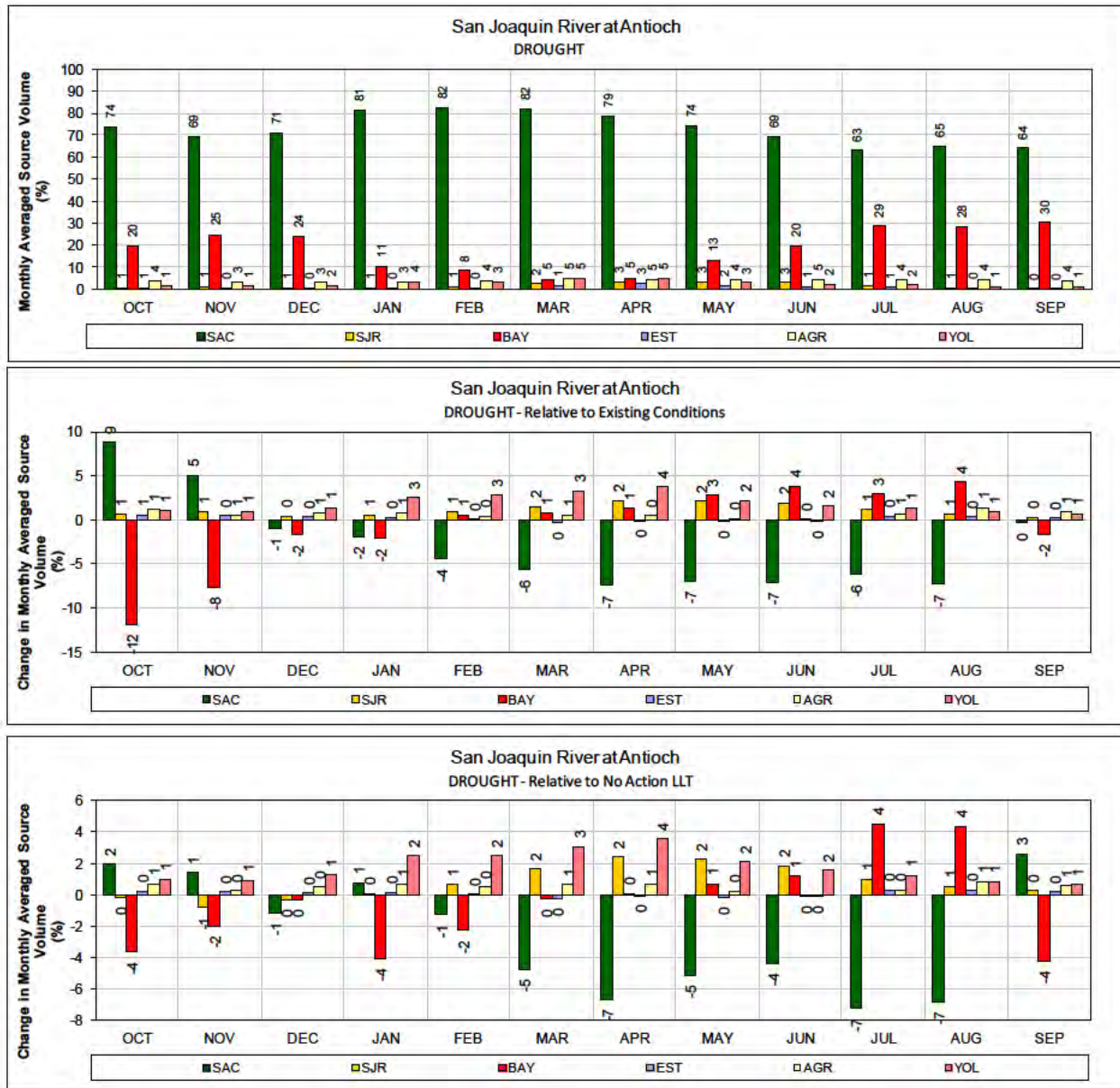
1 Figure 119. ALT 4 Scenario H2 – Sacramento River at Emmaton for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



1 Figure 120. ALT 4 Scenario H2 – Sacramento River at Emmaton for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



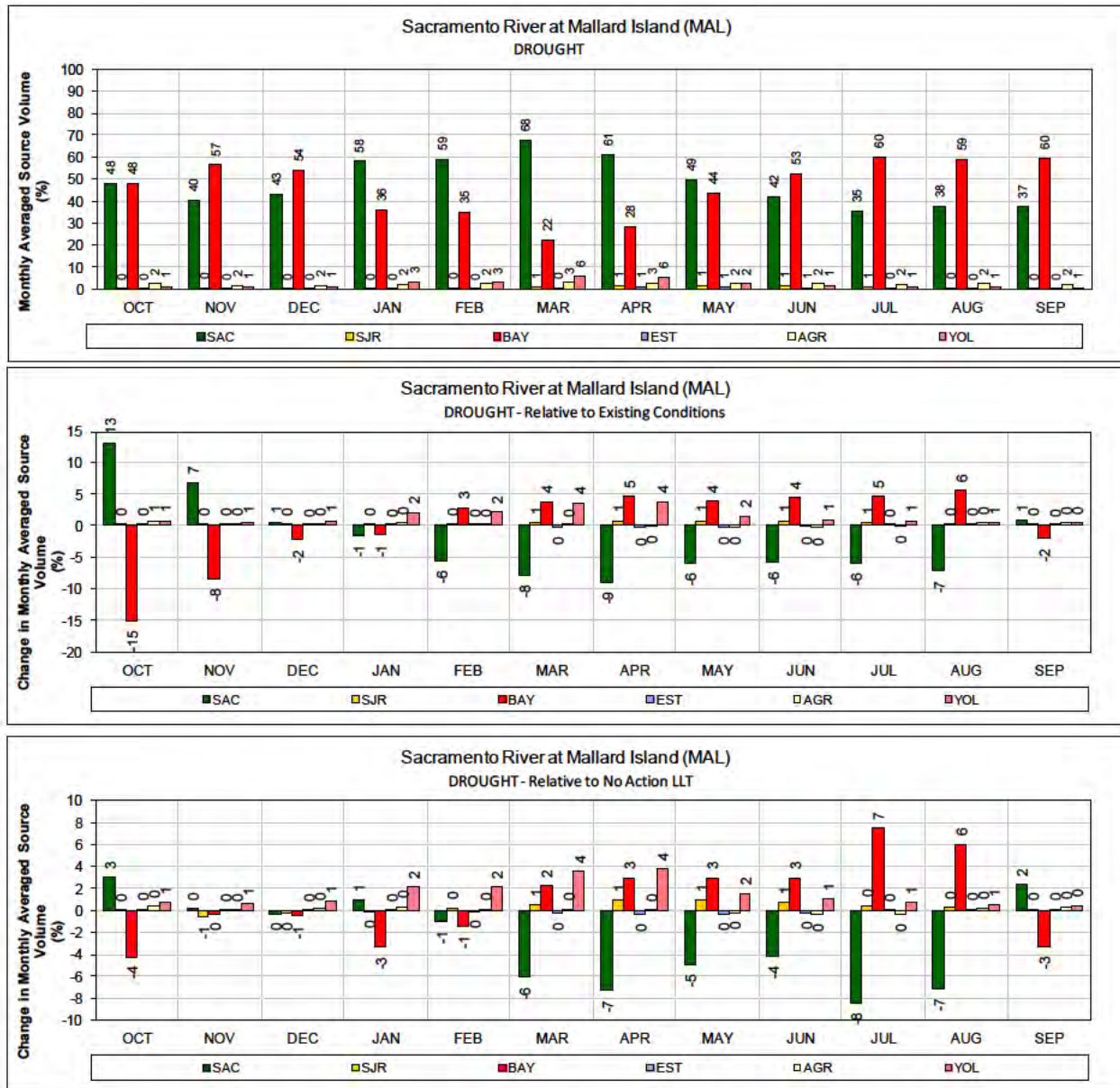
1 Figure 121. ALT 4 Scenario H2 – San Joaquin River at Antioch for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



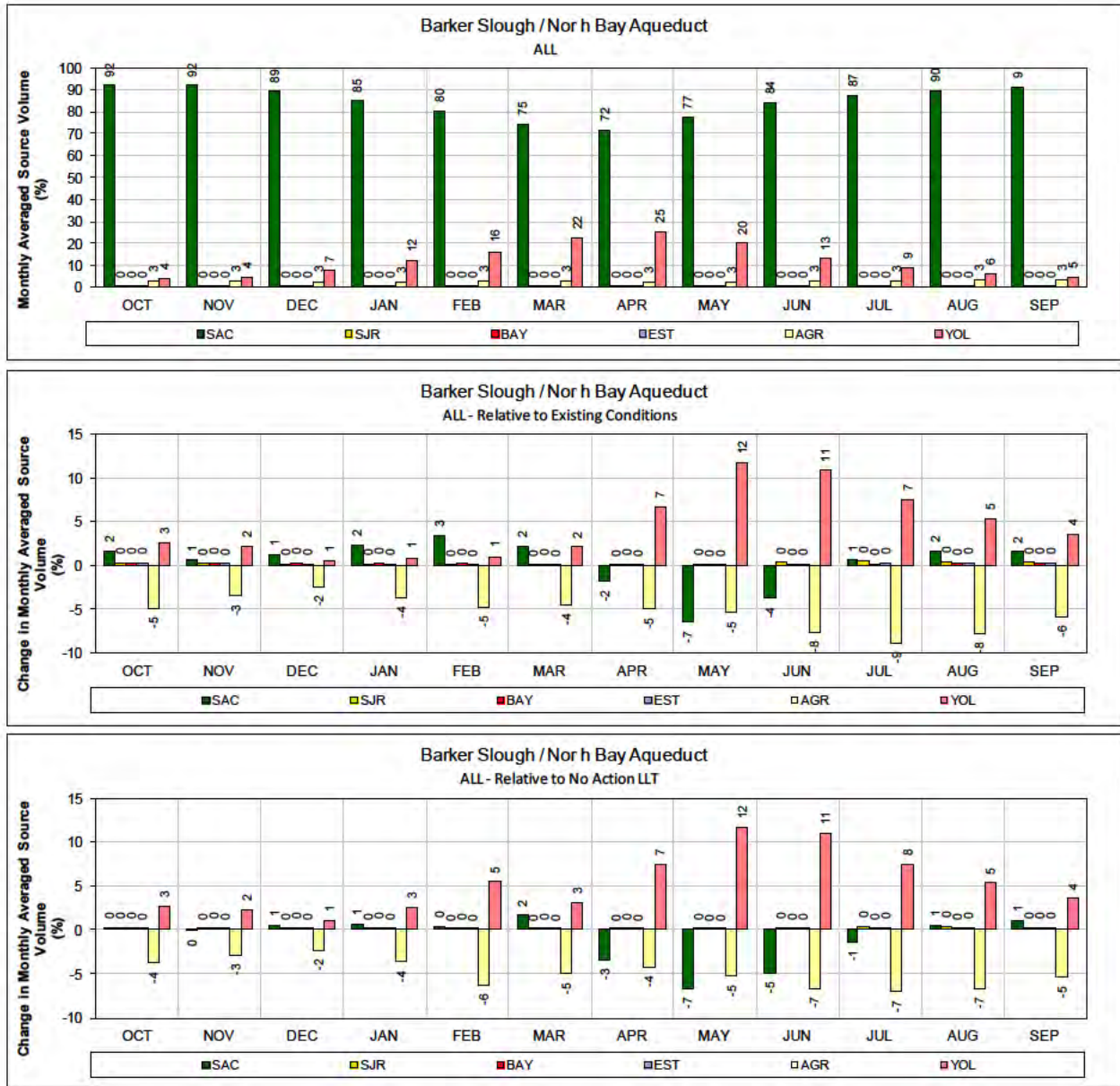
1 Figure 122. ALT 4 Scenario H2 – San Joaquin River at Antioch for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



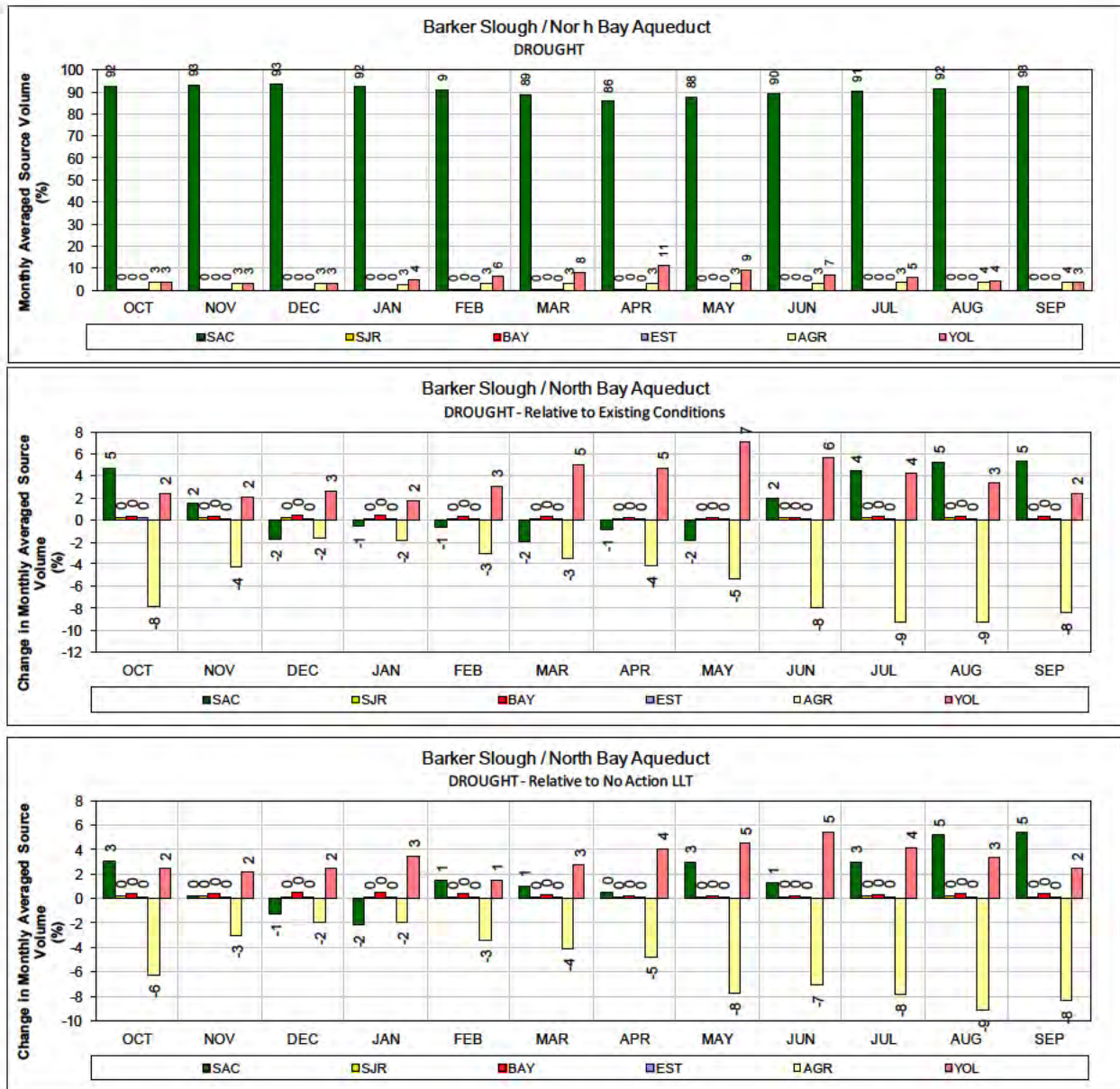
1 Figure 123. ALT 4 Scenario H2 – Sacramento River at Mallard Island for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



1 Figure 124. ALT 4 Scenario H2 – Sacramento River at Mallard Island for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).

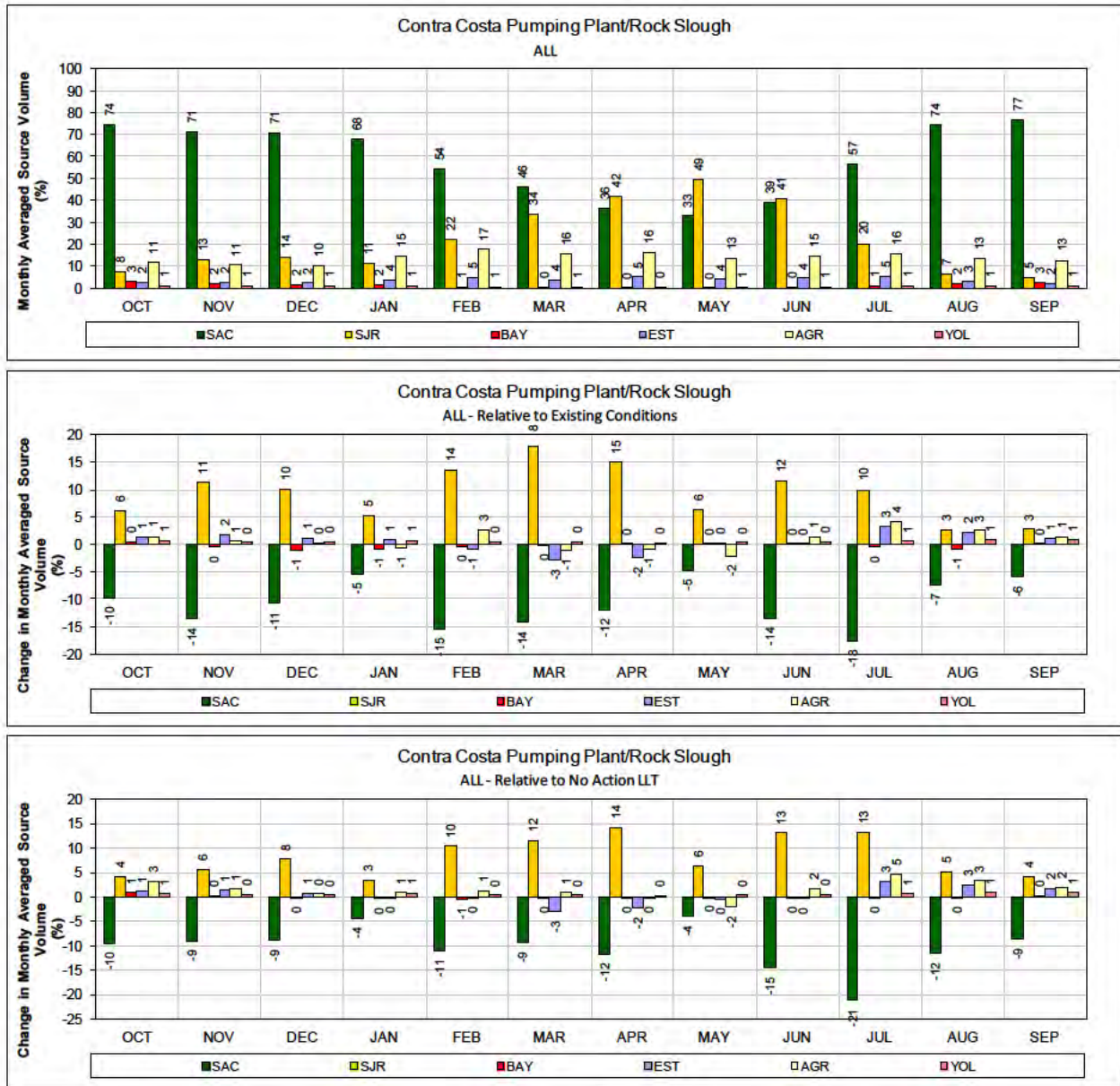


1 Figure 125. ALT 4 Scenario H2 – North Bay Aqueduct at Barker Slough Pumping Plant for ALL years
 2 (1976-1991)
 3 Monthly average source volume (top figure) and change in monthly average source volume relative to
 4 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).

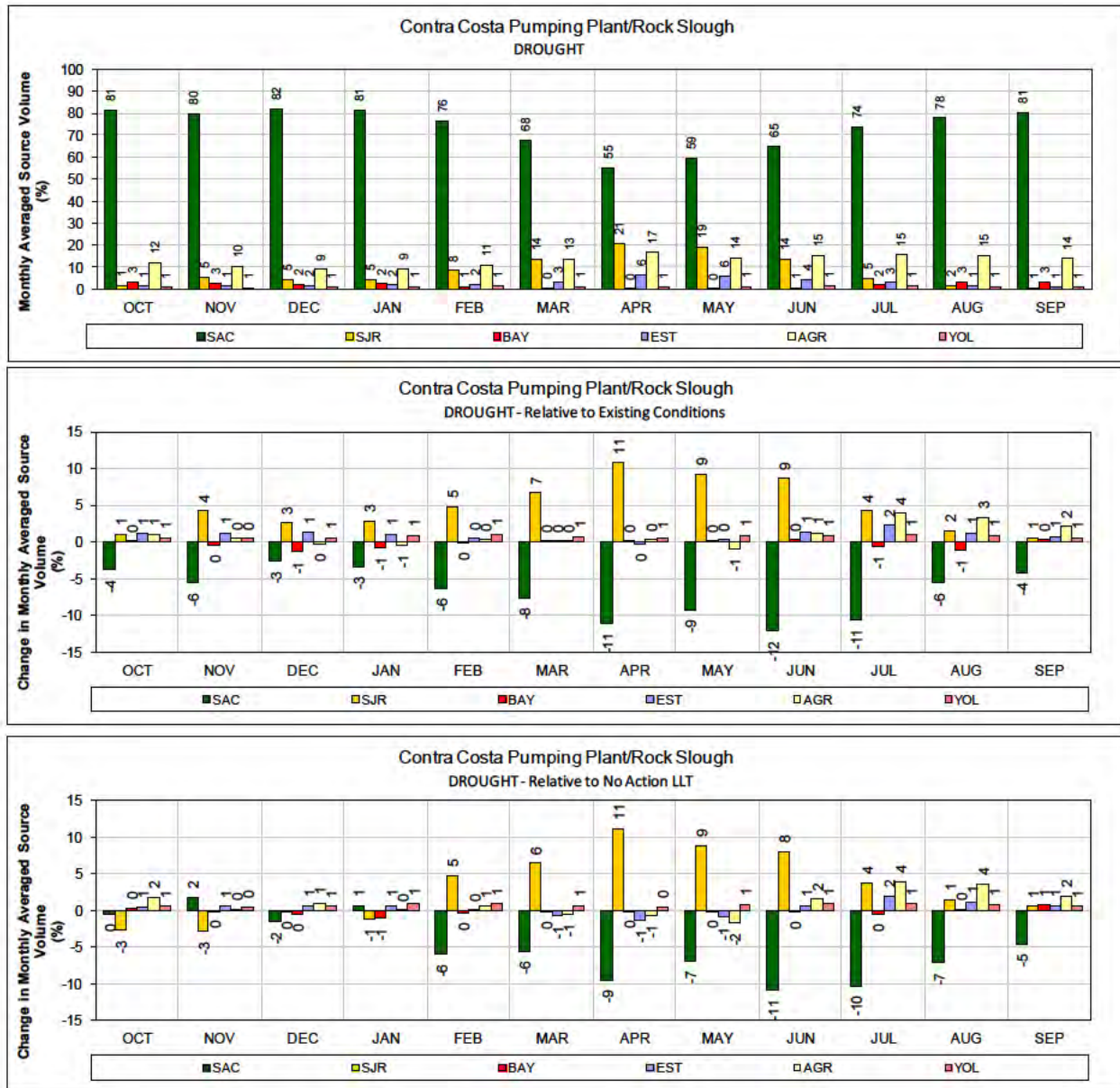


1 Figure 126. ALT 4 Scenario H2 – North Bay Aqueduct at Barker Slough Pumping Plant for DROUGHT
 2 years (1987-1991)

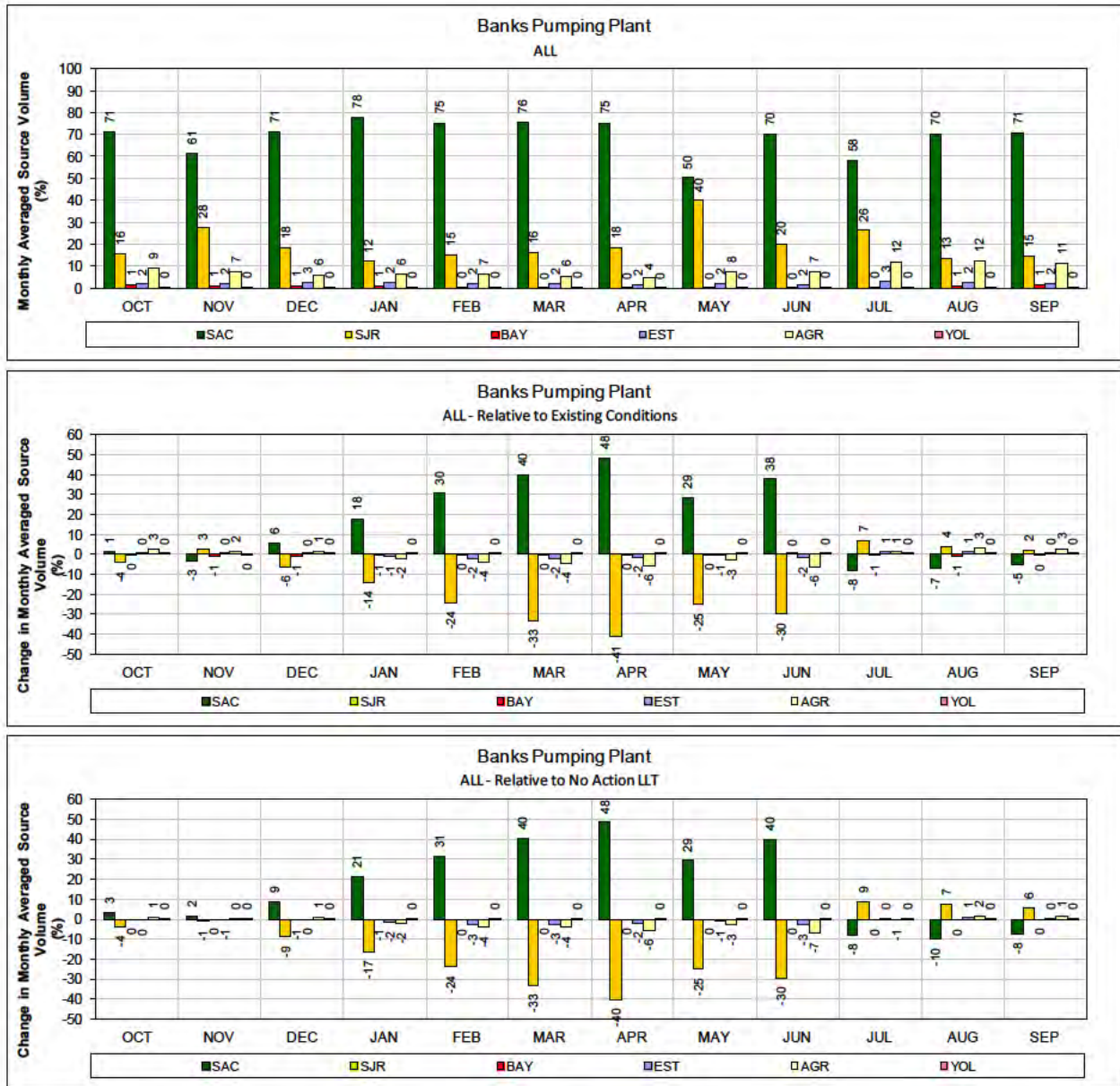
3 Monthly average source volume (top figure) and change in monthly average source volume relative to
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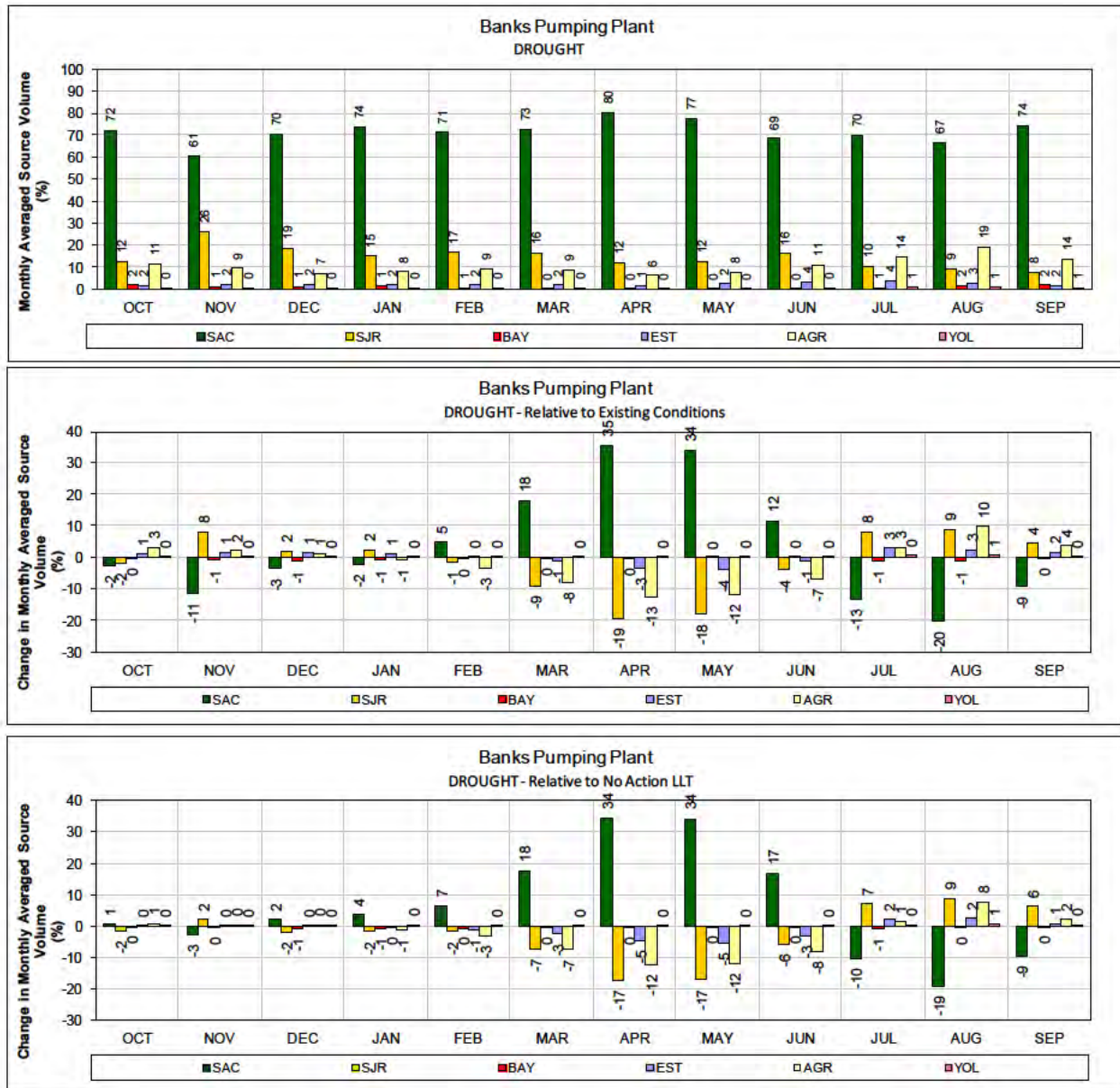
1 Figure 127. ALT 4 Scenario H2 – Contra Costa Pumping Plant #1 for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



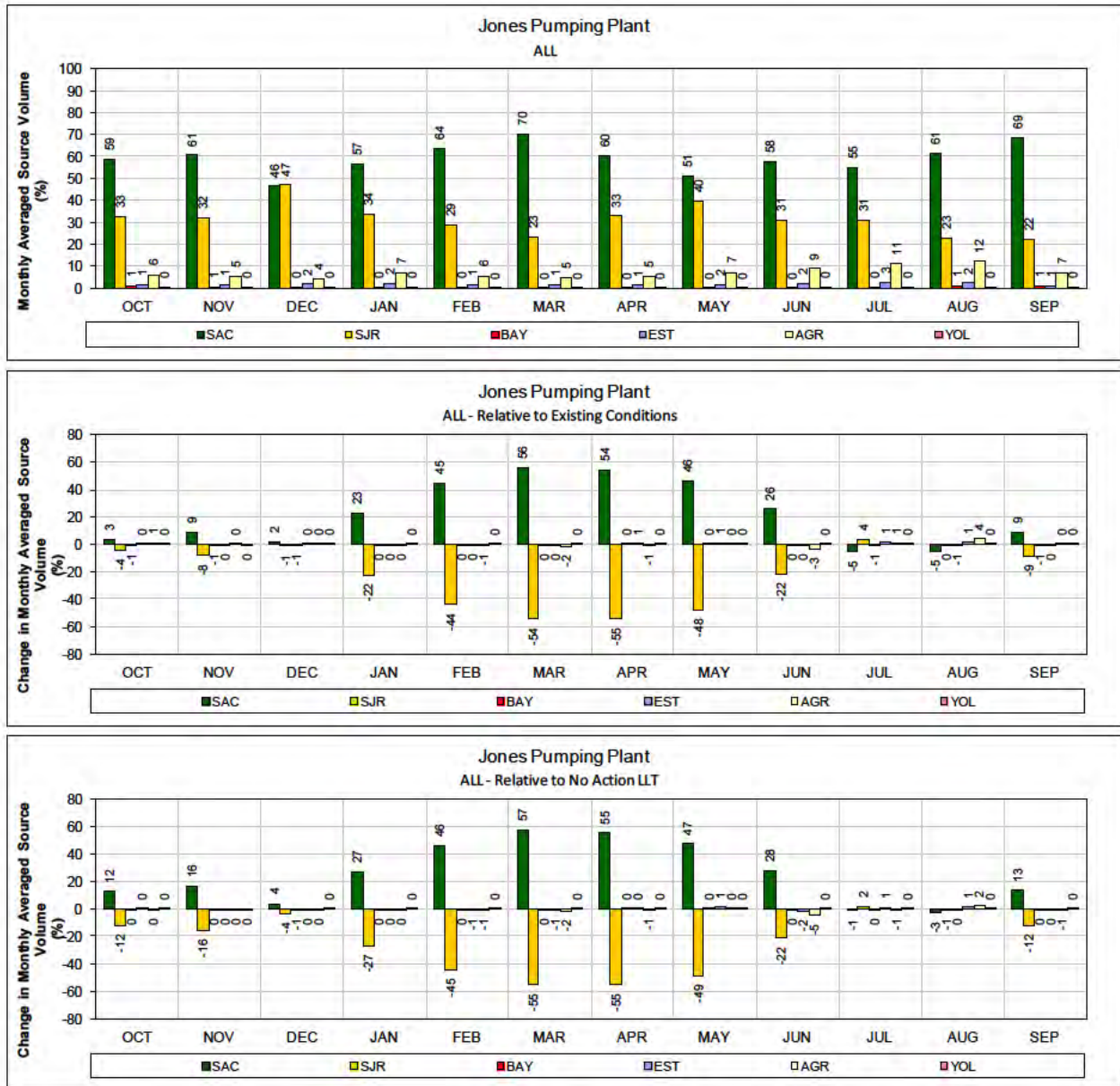
1 Figure 128. ALT 4 Scenario H2 – Contra Costa Pumping Plant #1 for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



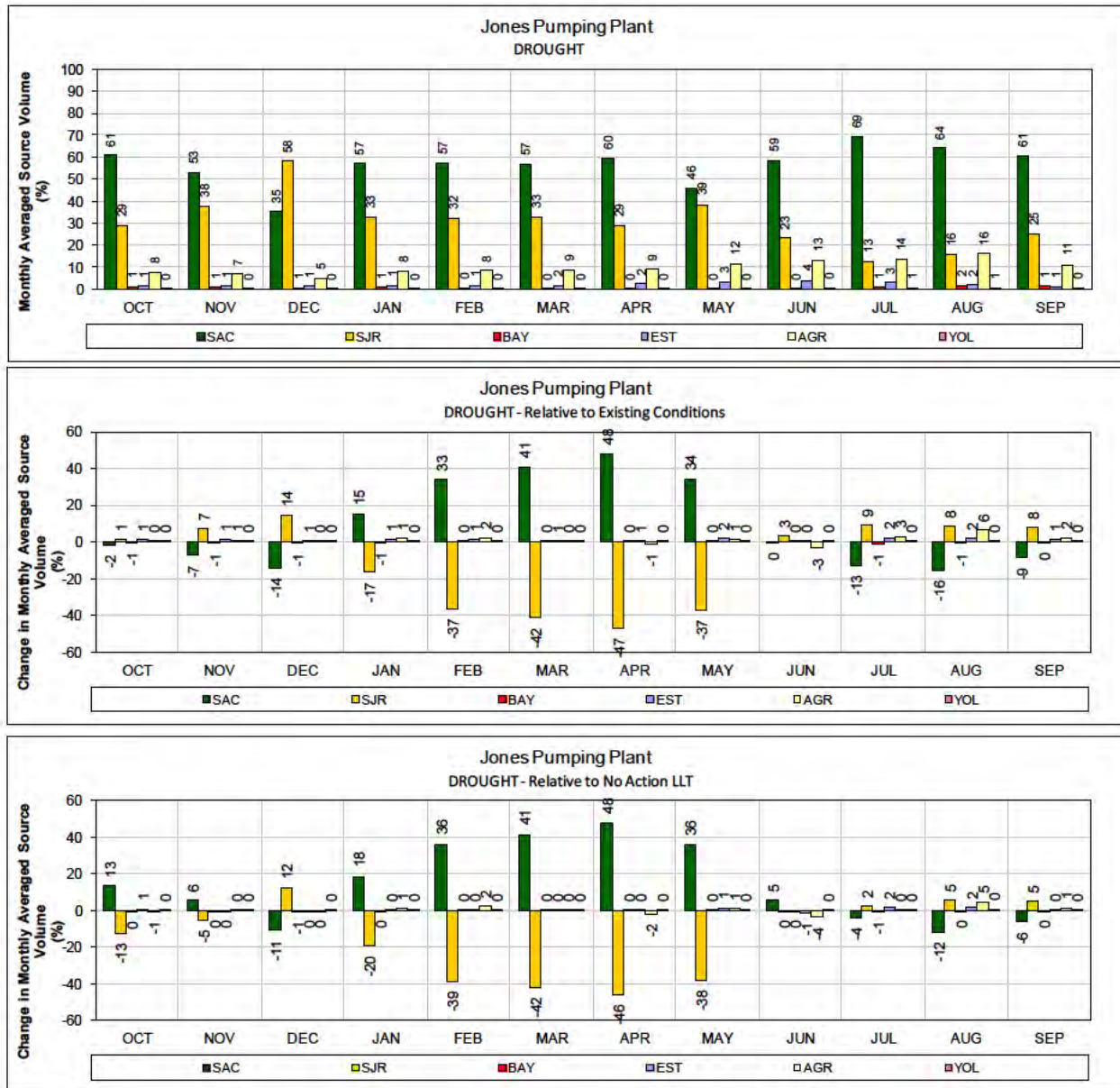
1 Figure 129. ALT 4 Scenario H2 – Banks Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



1 Figure 130. ALT 4 Scenario H2 – Banks Pumping Plant for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



1 Figure 131. ALT 4 Scenario H2 – Jones Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).

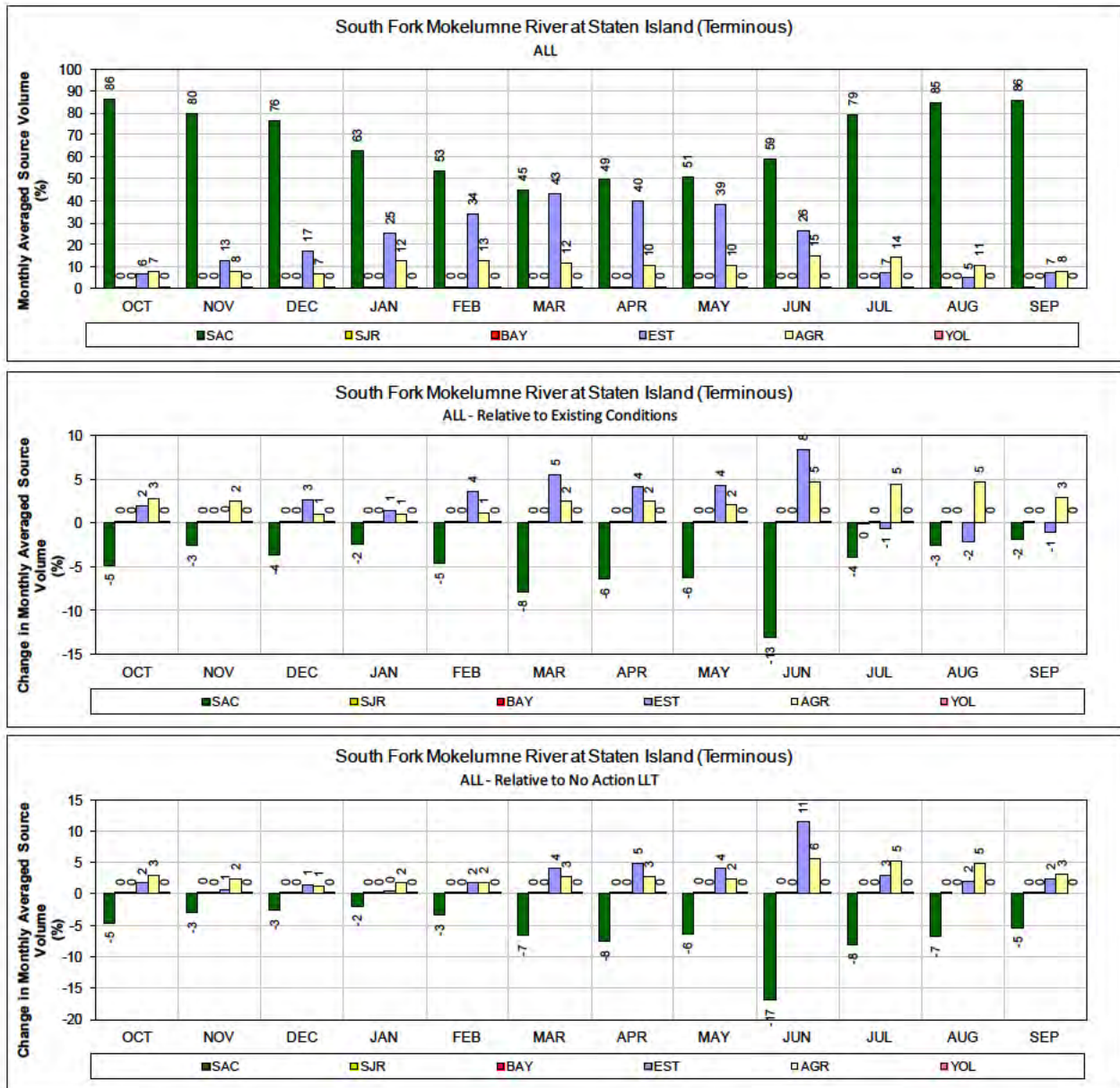


1 Figure 132. ALT 4 Scenario H2 – Jones Pumping Plant for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures)

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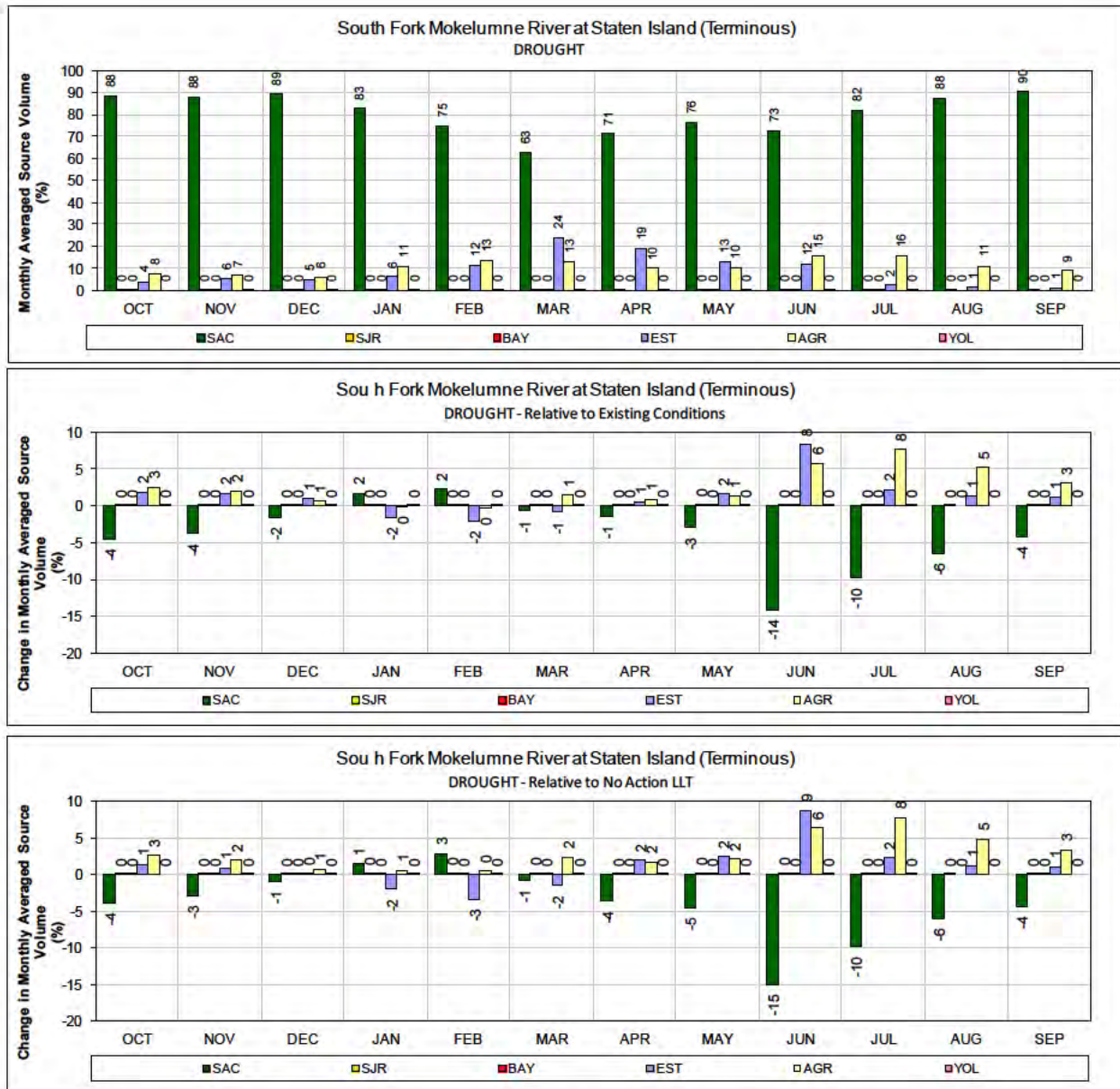
2

Alternative 4 LLT Scenario H3



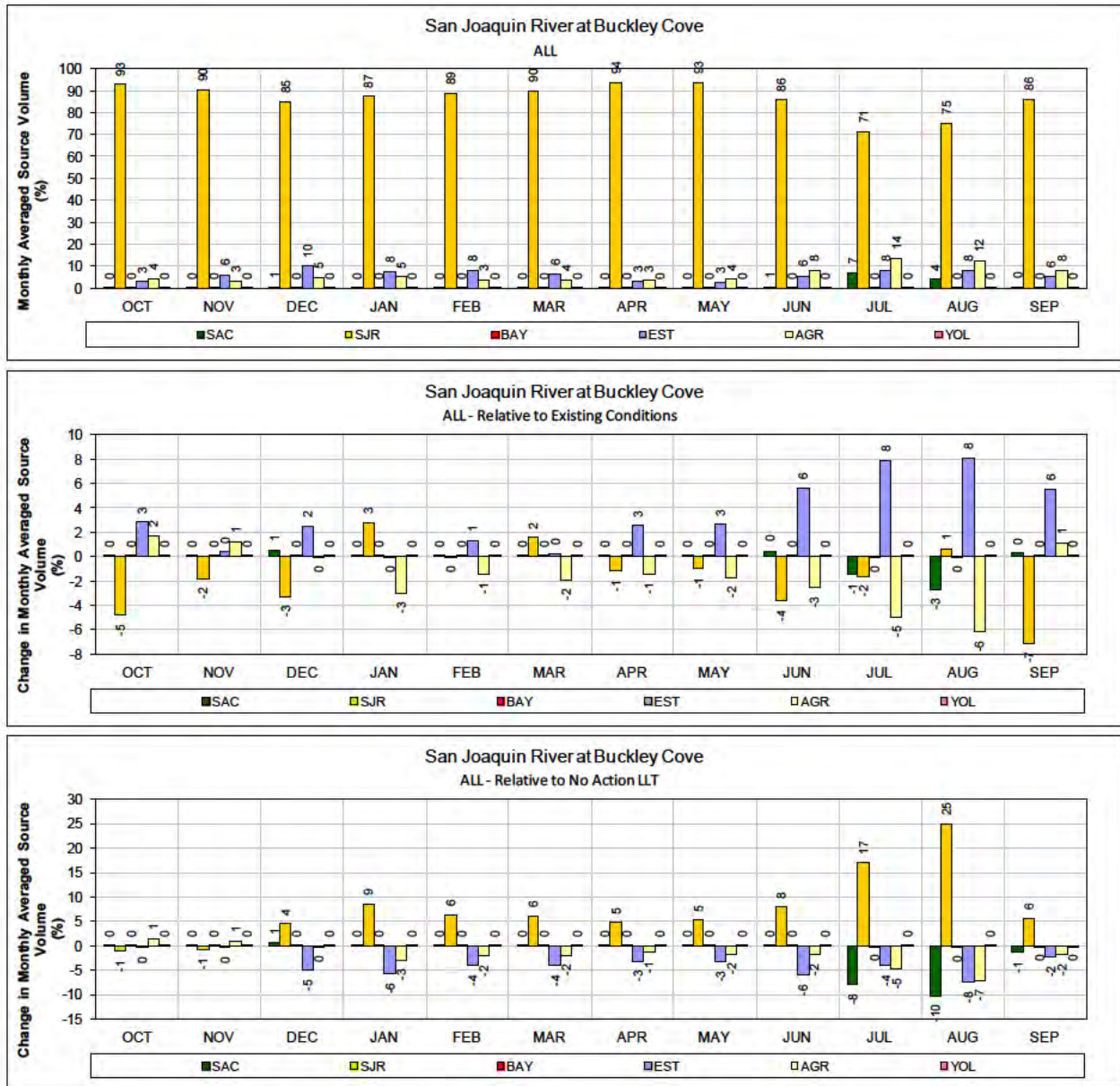
1 Figure 133. ALT 4 Scenario H3 – Mokelumne River (South Fork) at Staten Island for ALL years
 2 (1976-1991)

3 Monthly average source volume (top figure) and change in monthly average source volume to
 4 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).

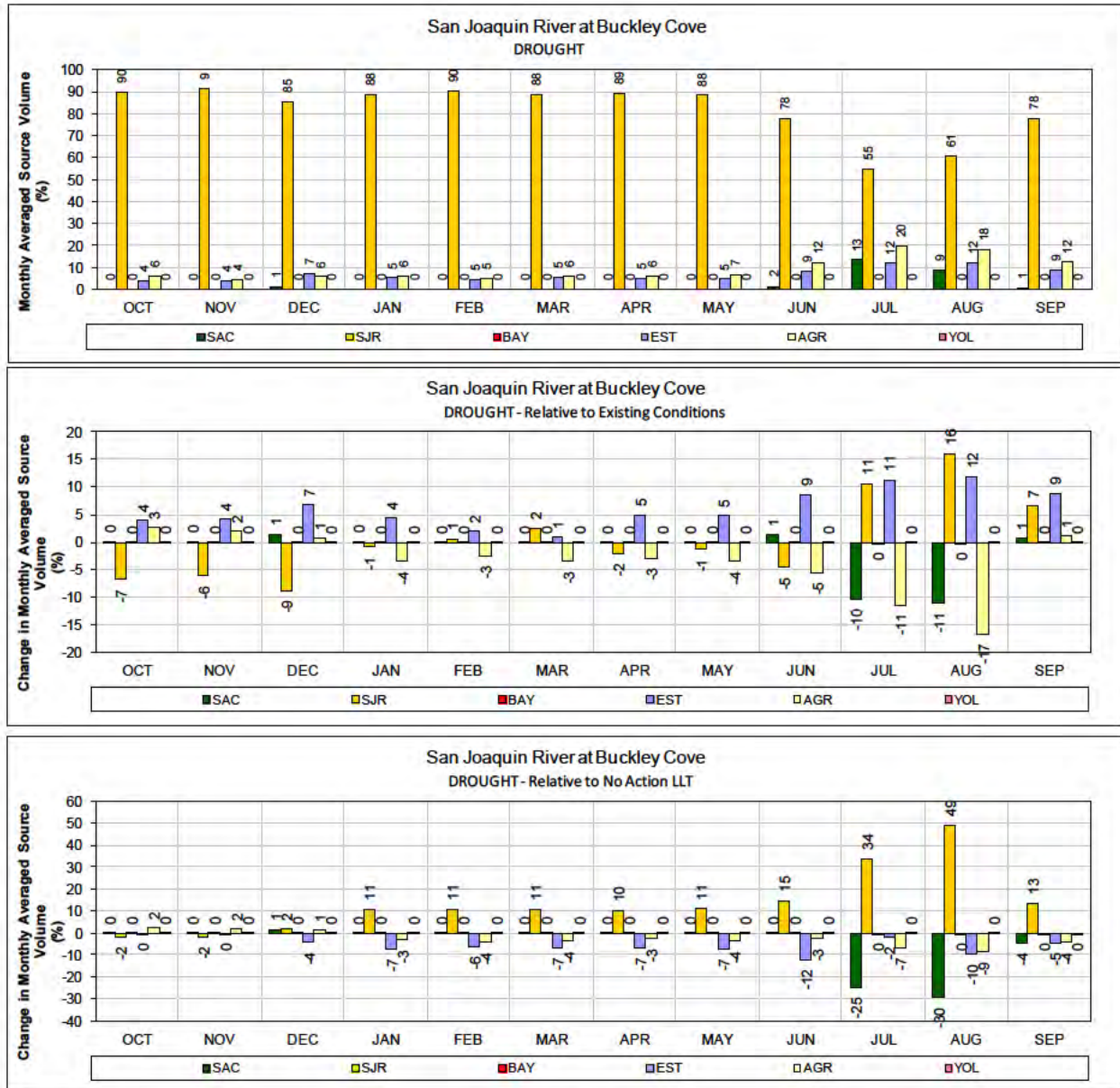


1 Figure 134. ALT 4 Scenario H3 – Mokelumne River (South Fork) at Staten Island for DROUGHT years
 2 (1987-1991)

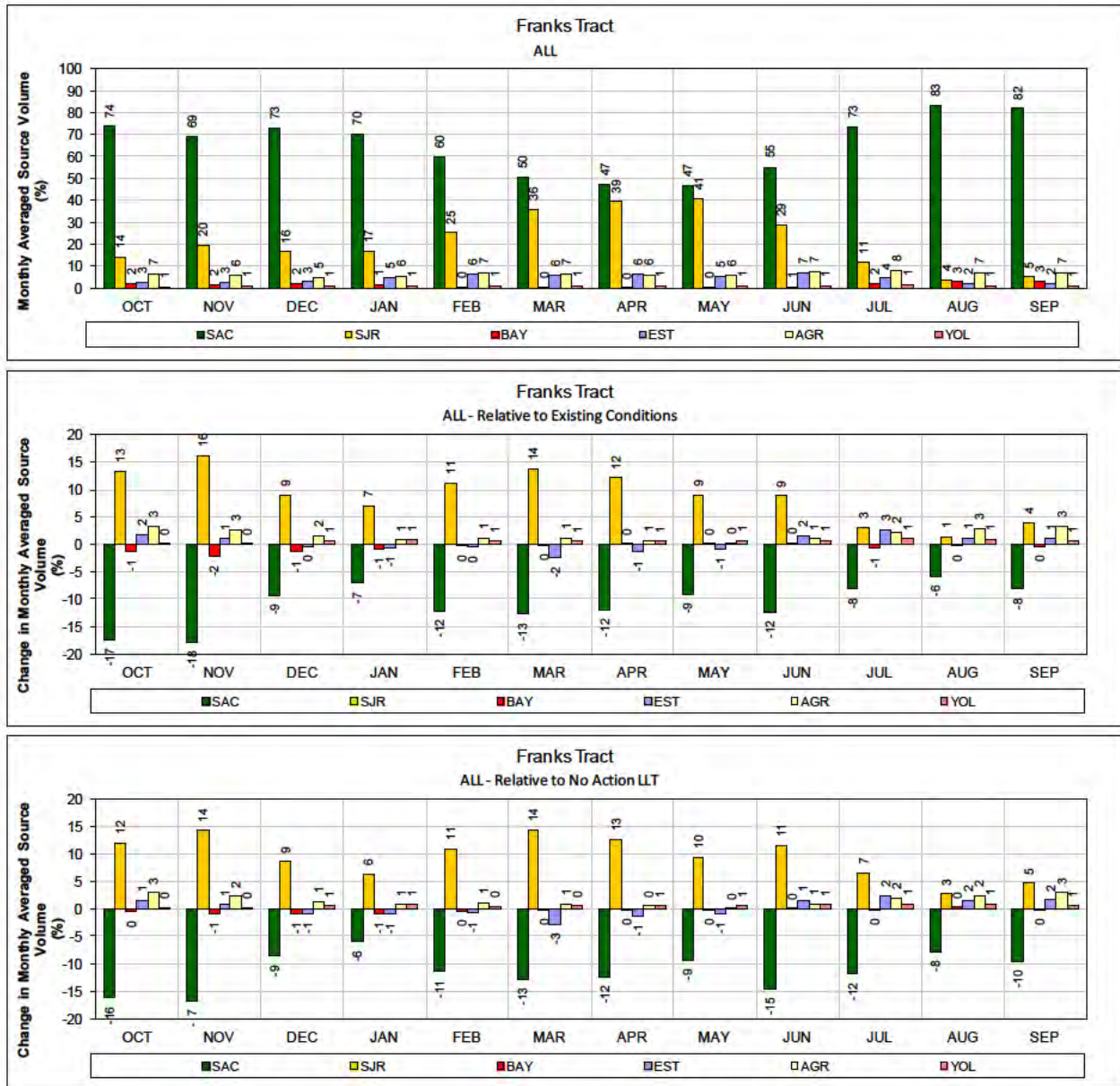
3 Monthly average source volume (top figure) and change in monthly average source volume relative to
 4 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



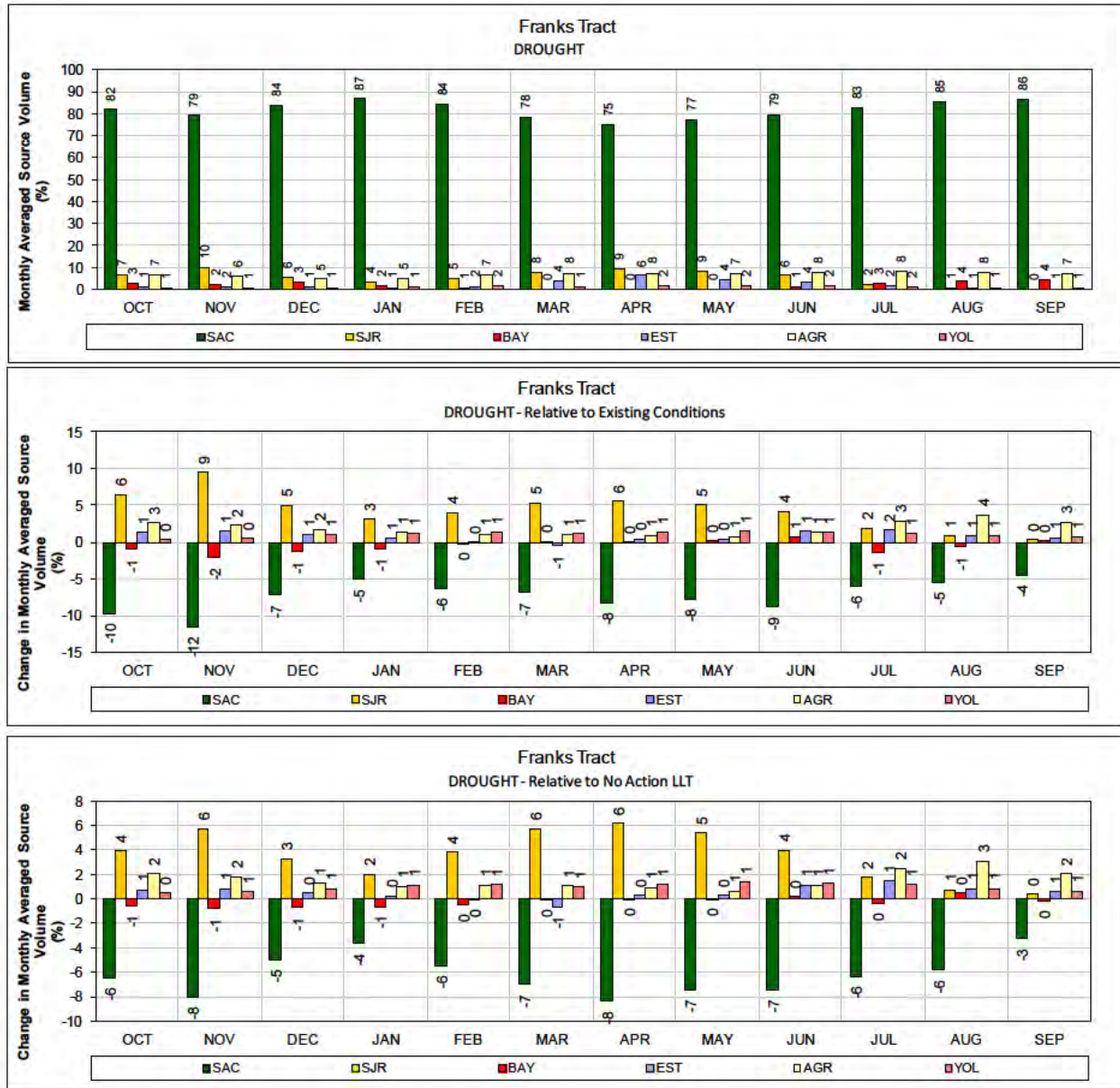
1 Figure 135. ALT 4 Scenario H3 – San Joaquin River at Buckley Cove for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



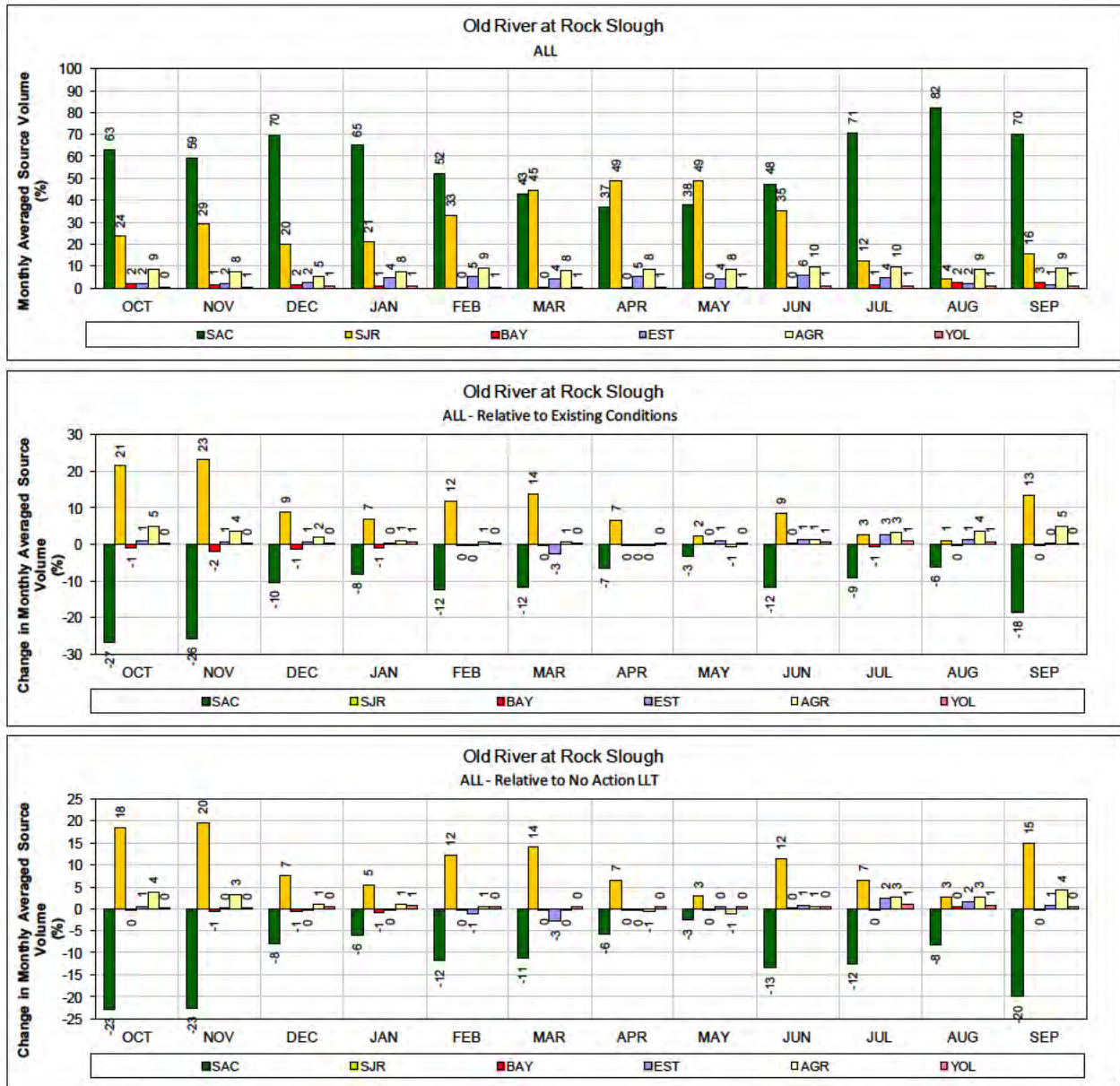
1 Figure 136. ALT 4 Scenario H3 – San Joaquin River at Buckley Cove for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



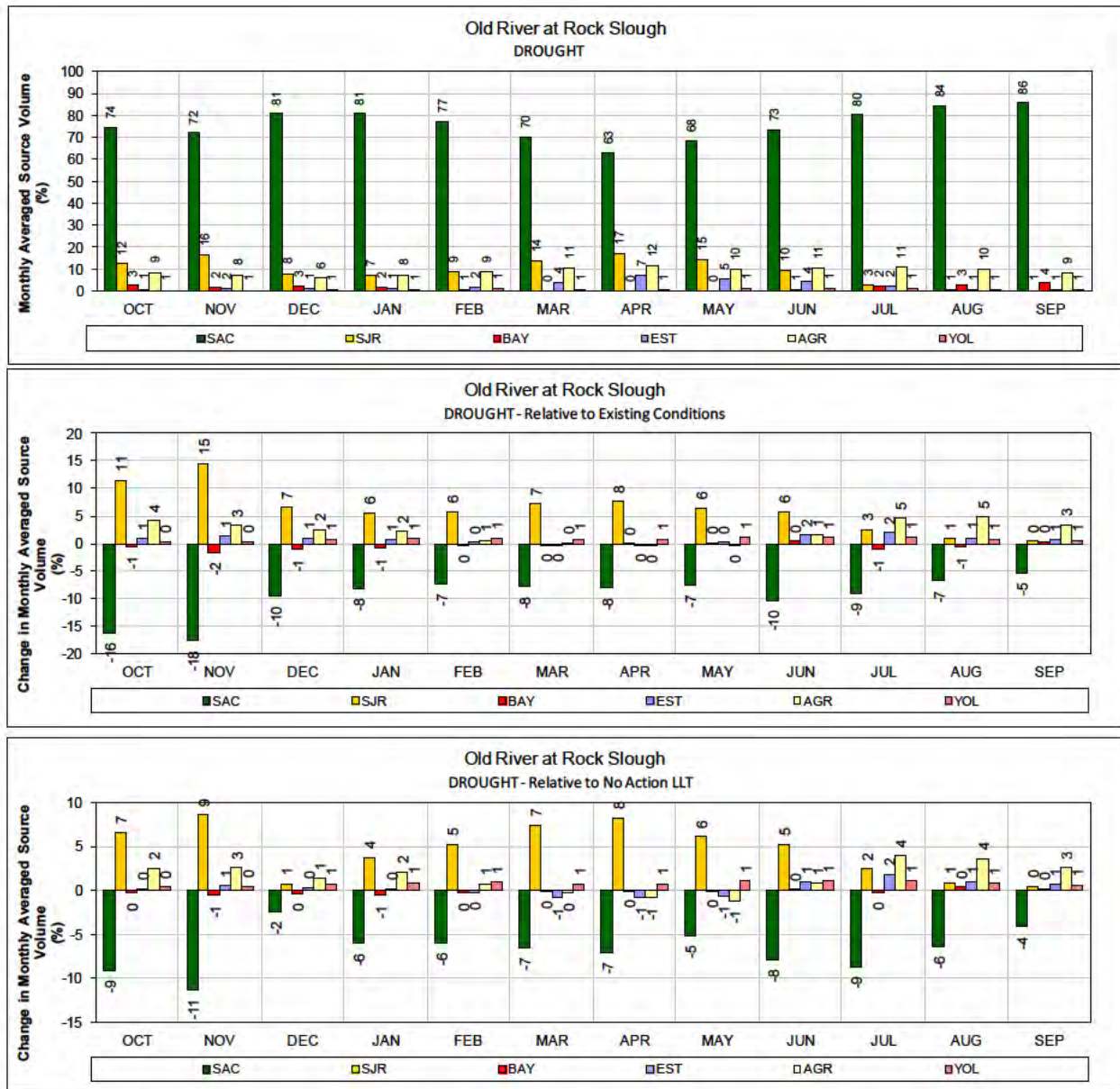
1 Figure 137. ALT 4 Scenario H3 – Franks Tract for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



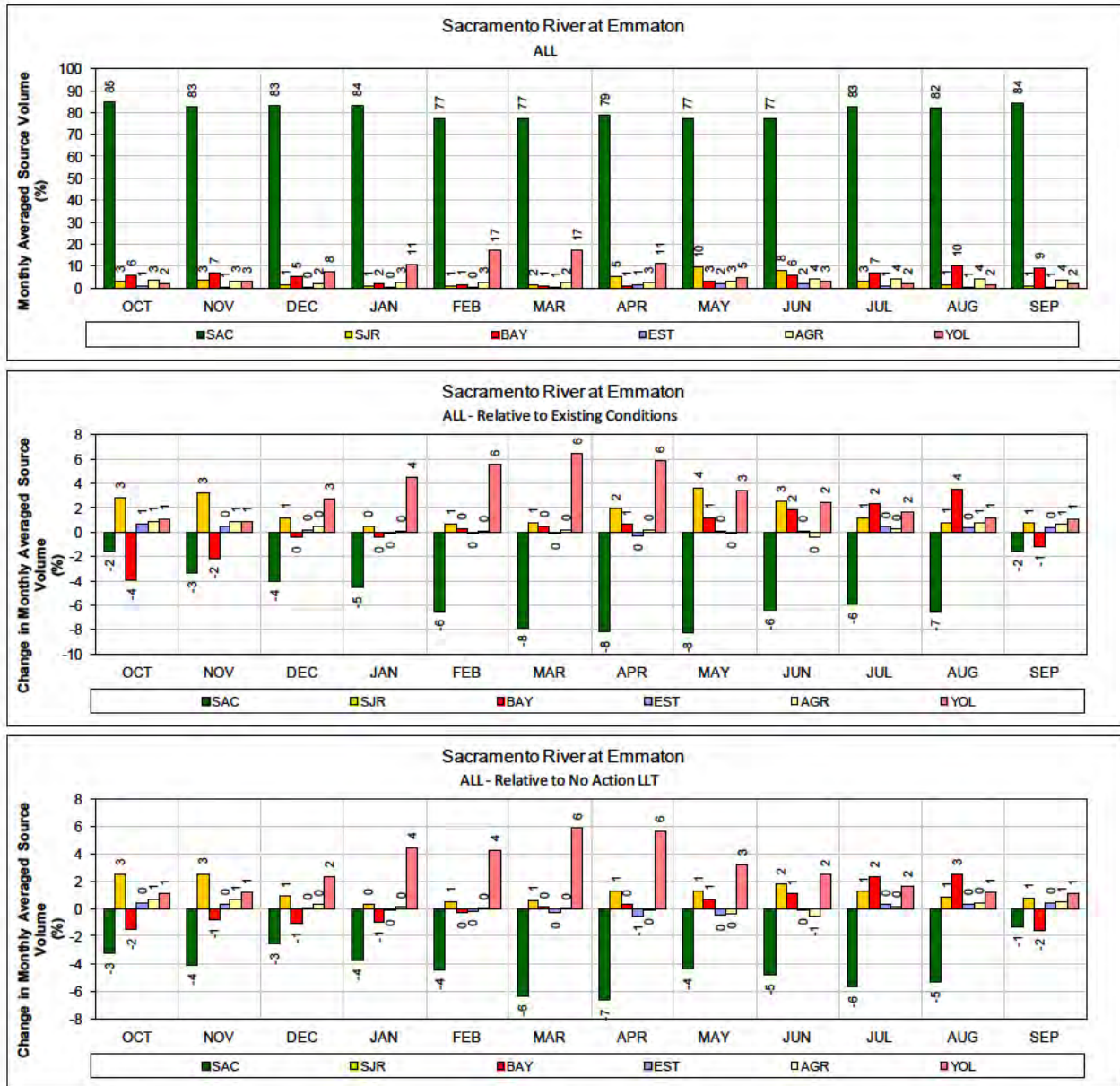
1 Figure 138. ALT 4 Scenario H3 – Franks Tract for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



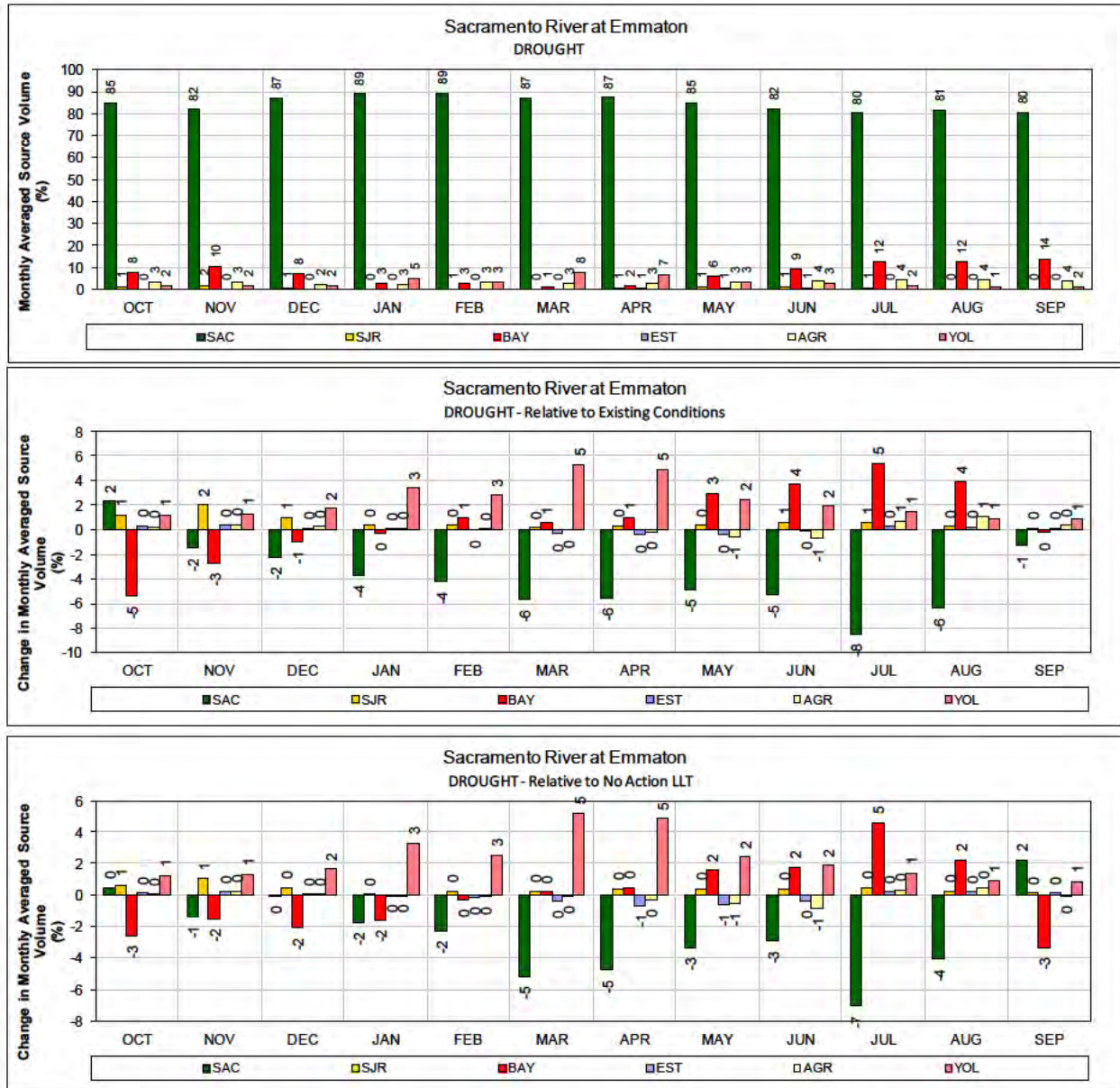
1 Figure 139. ALT 4 Scenario H3 – Old River at Rock Slough for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



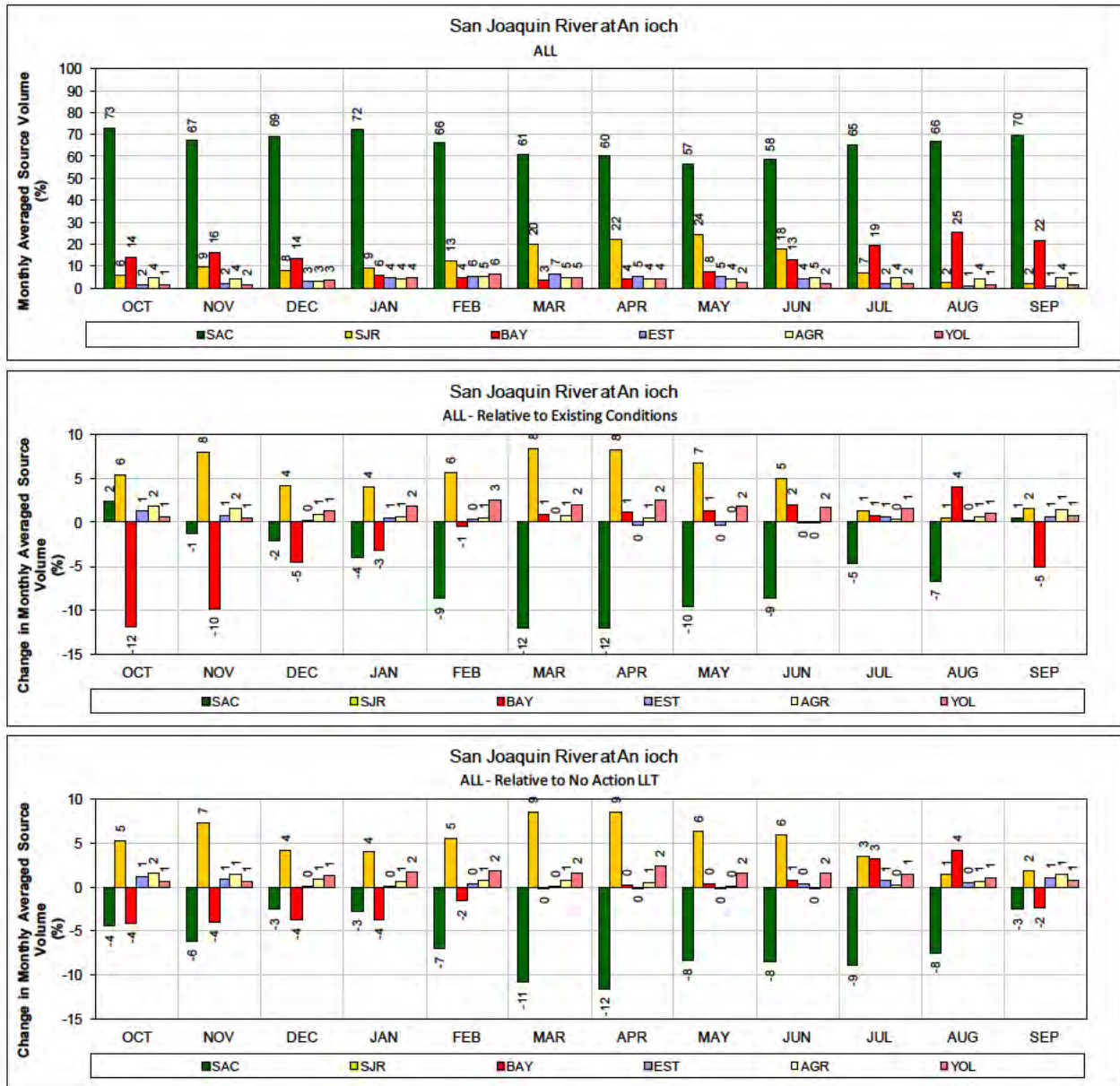
1 Figure 140. ALT 4 Scenario H3 – Old River at Rock Slough for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



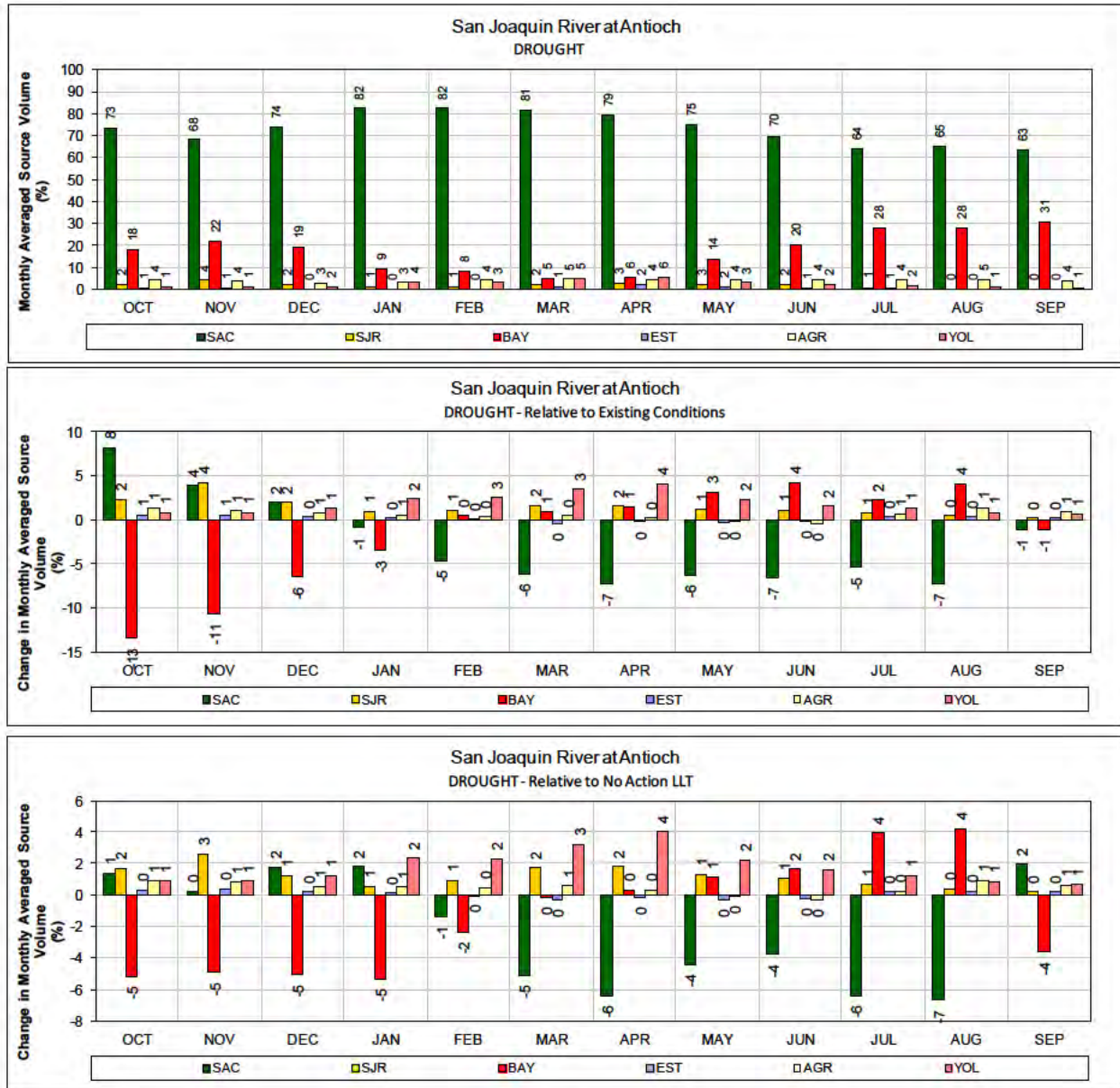
1 Figure 141. ALT 4 Scenario H3 – Sacramento River at Emmaton for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



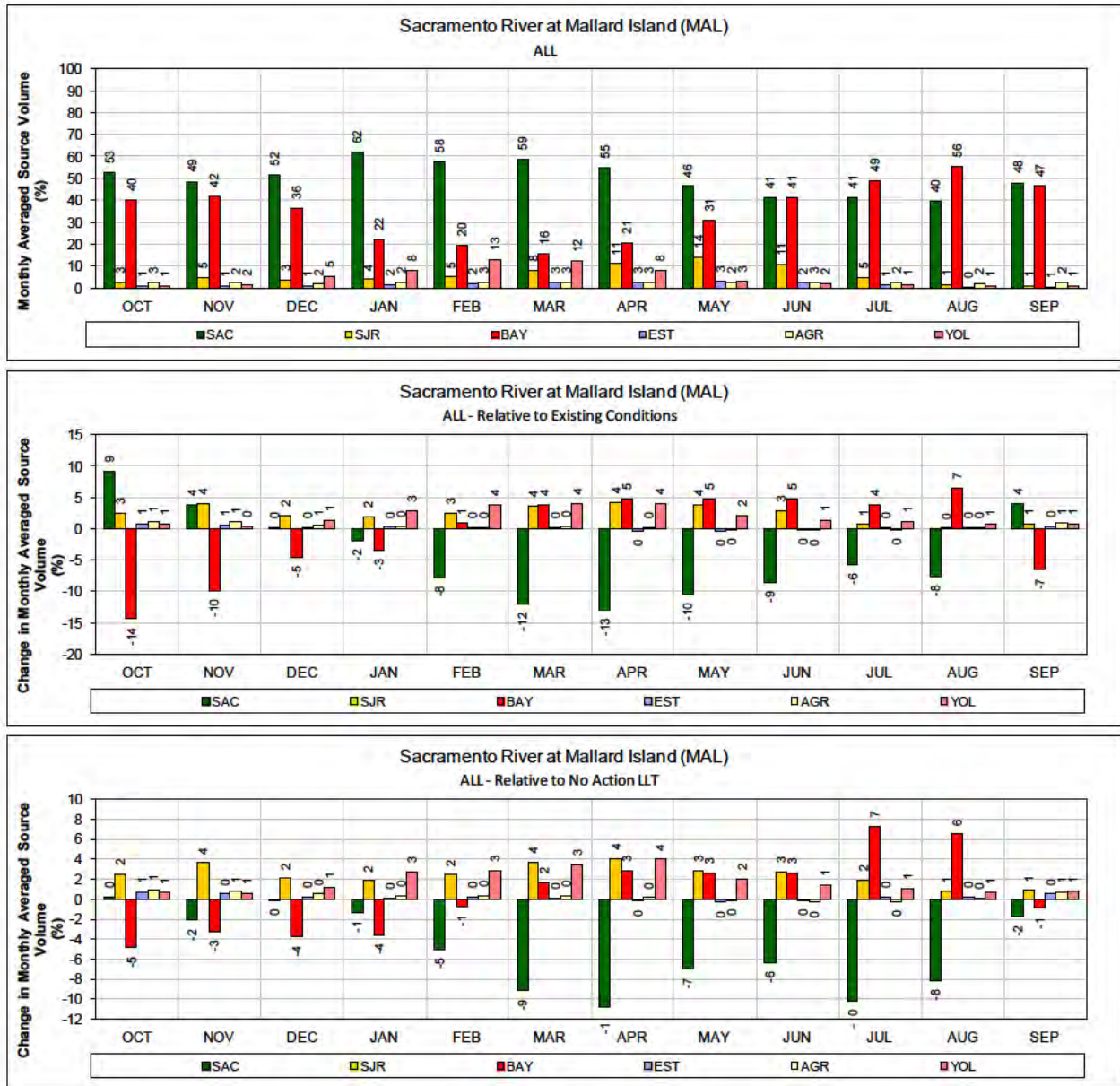
1 Figure 142. ALT 4 Scenario H3 – Sacramento River at Emmaton for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



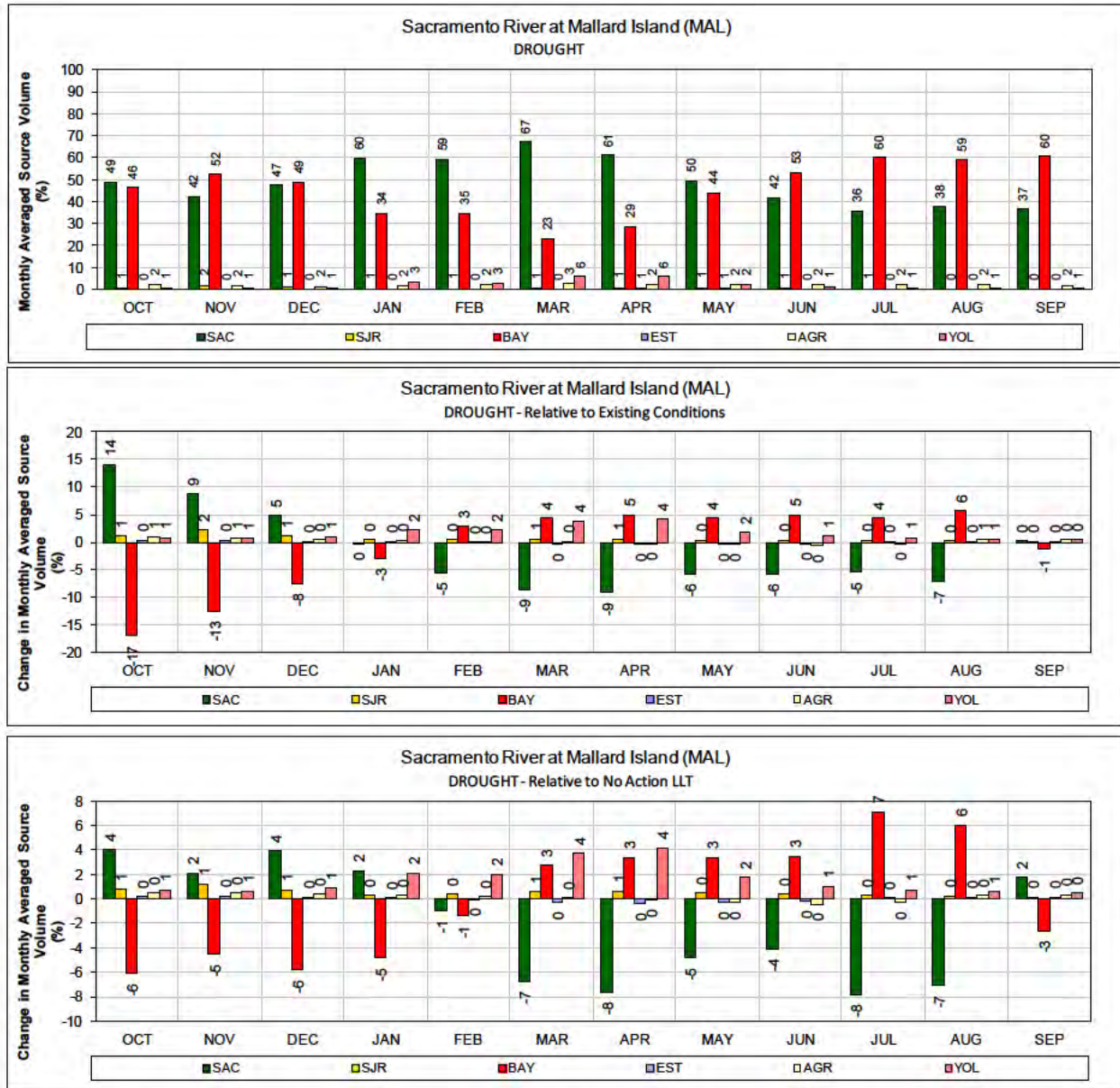
1 Figure 143. ALT 4 Scenario H3 – San Joaquin River at Antioch for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



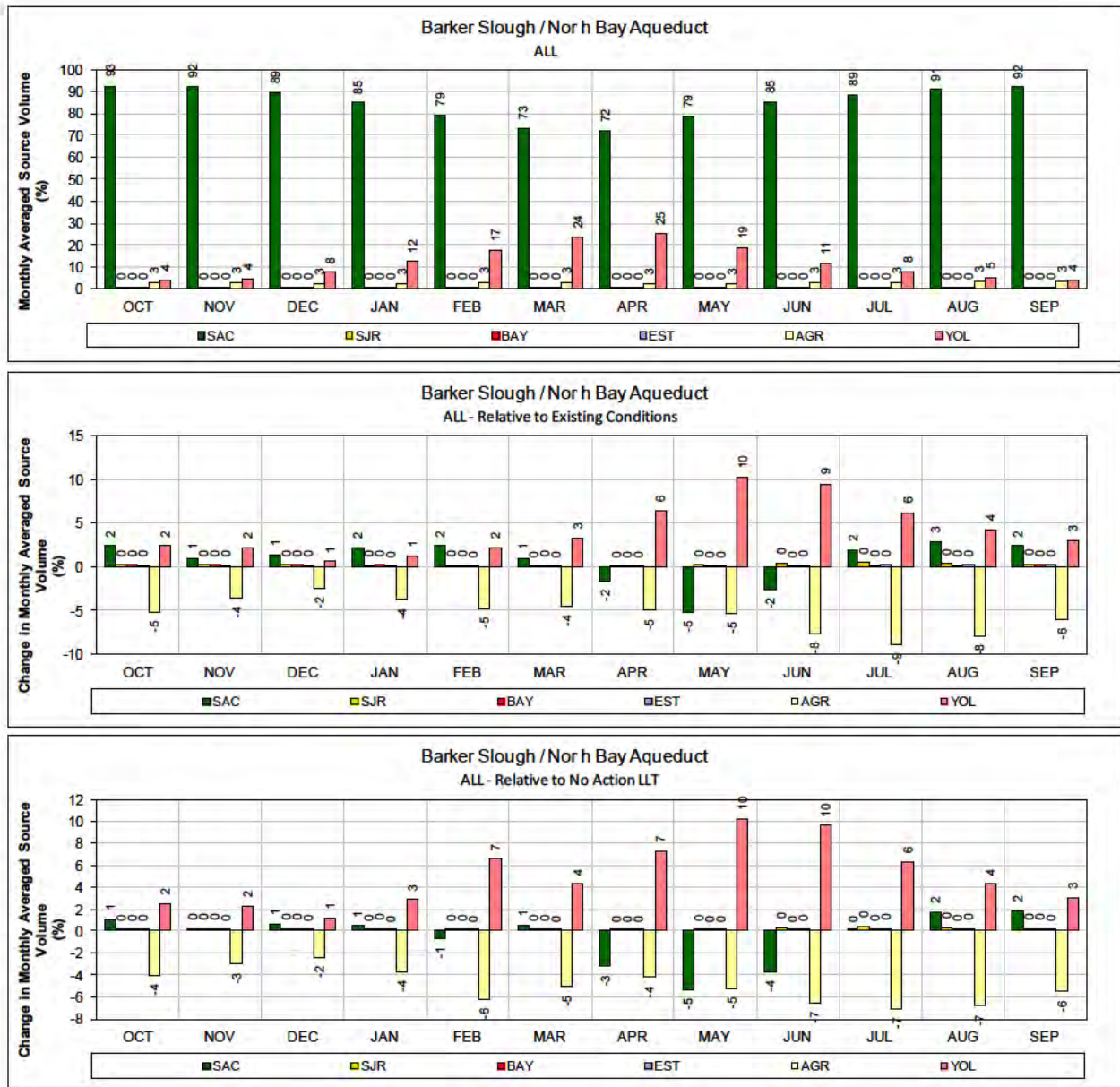
1 Figure 144. ALT 4 Scenario H3 – San Joaquin River at Antioch for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



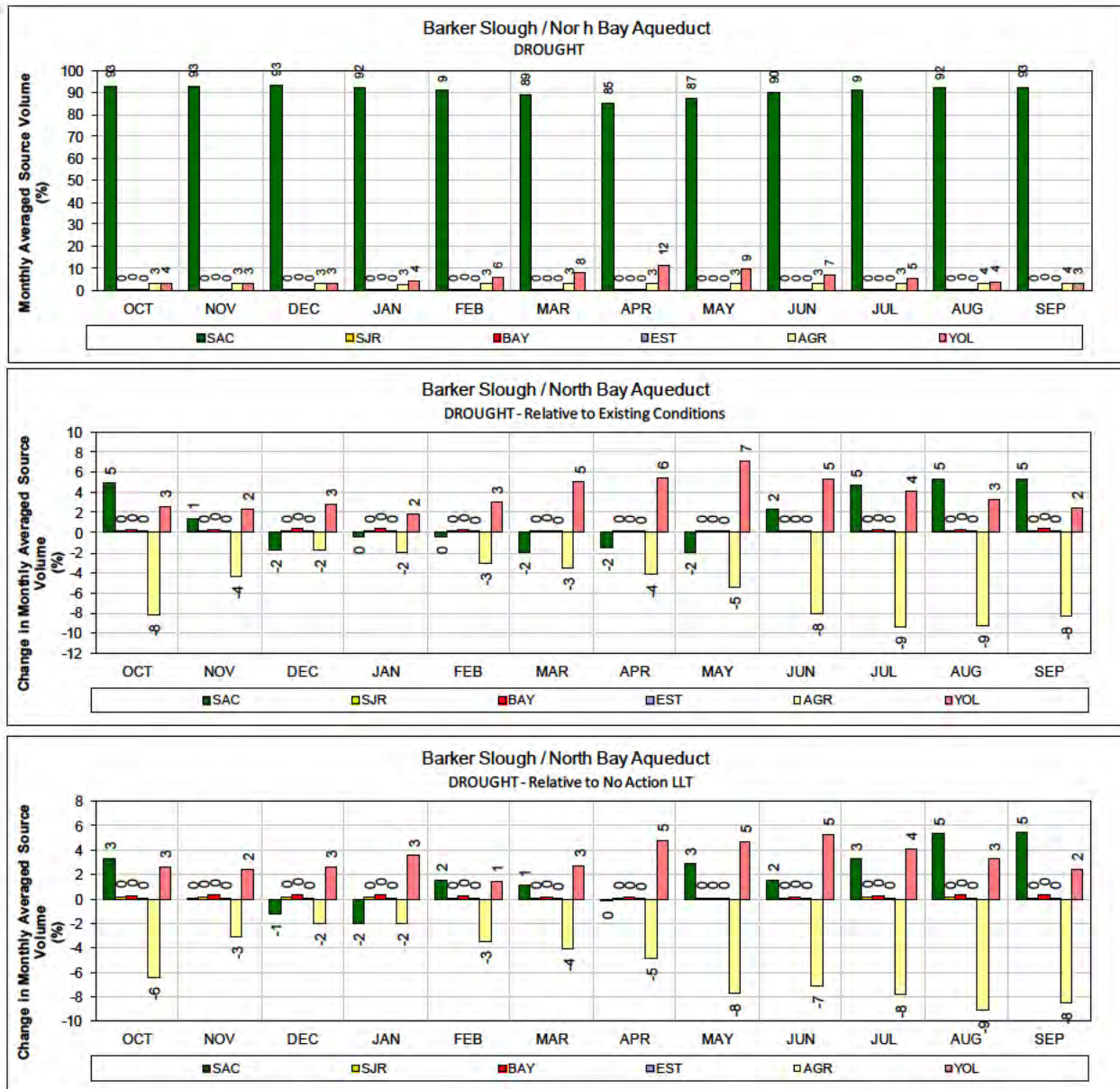
1 Figure 145. ALT 4 Scenario H3 – Sacramento River at Mallard Island for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



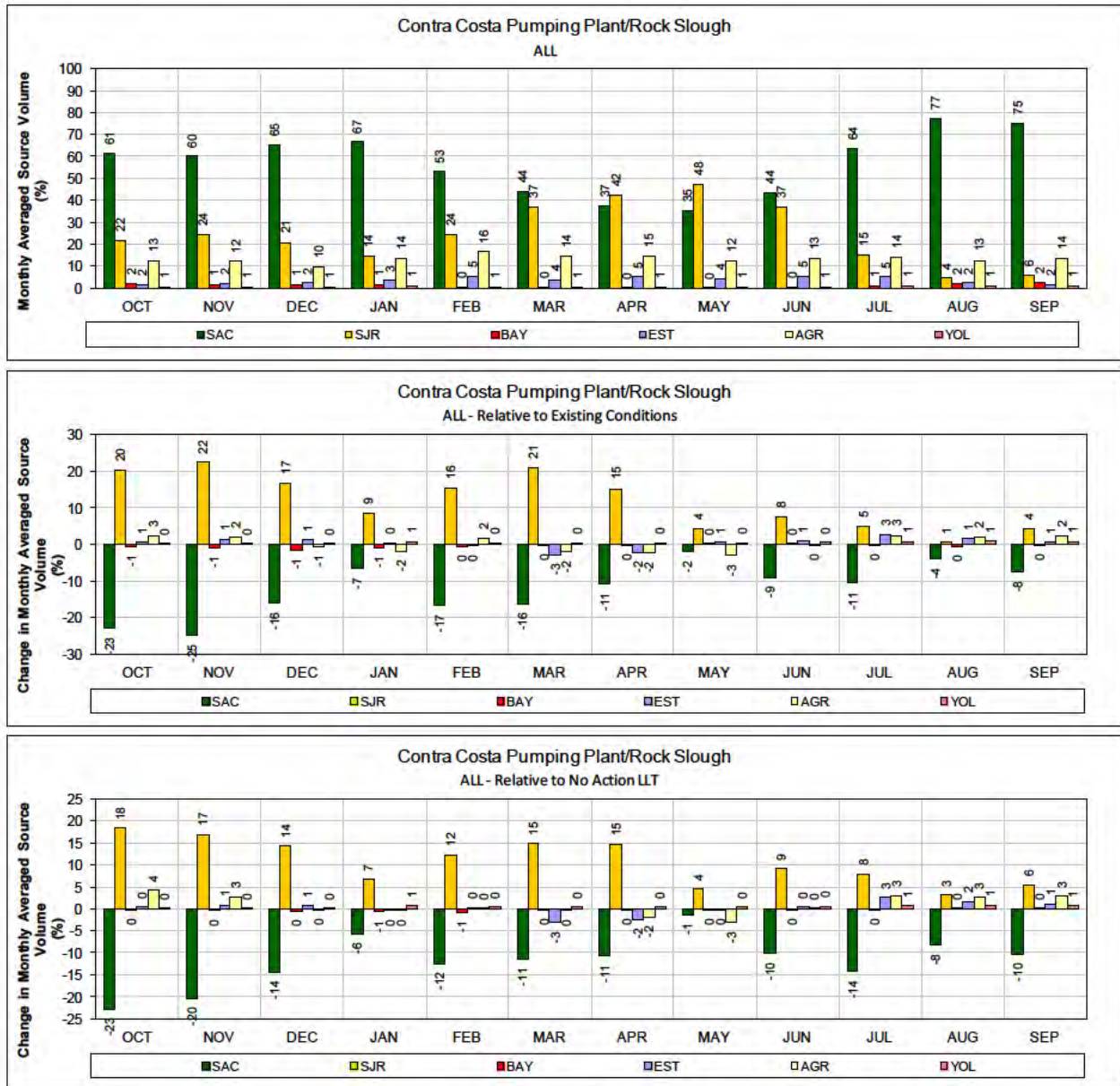
1 Figure 146. ALT 4 Scenario H3 – Sacramento River at Mallard Island for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



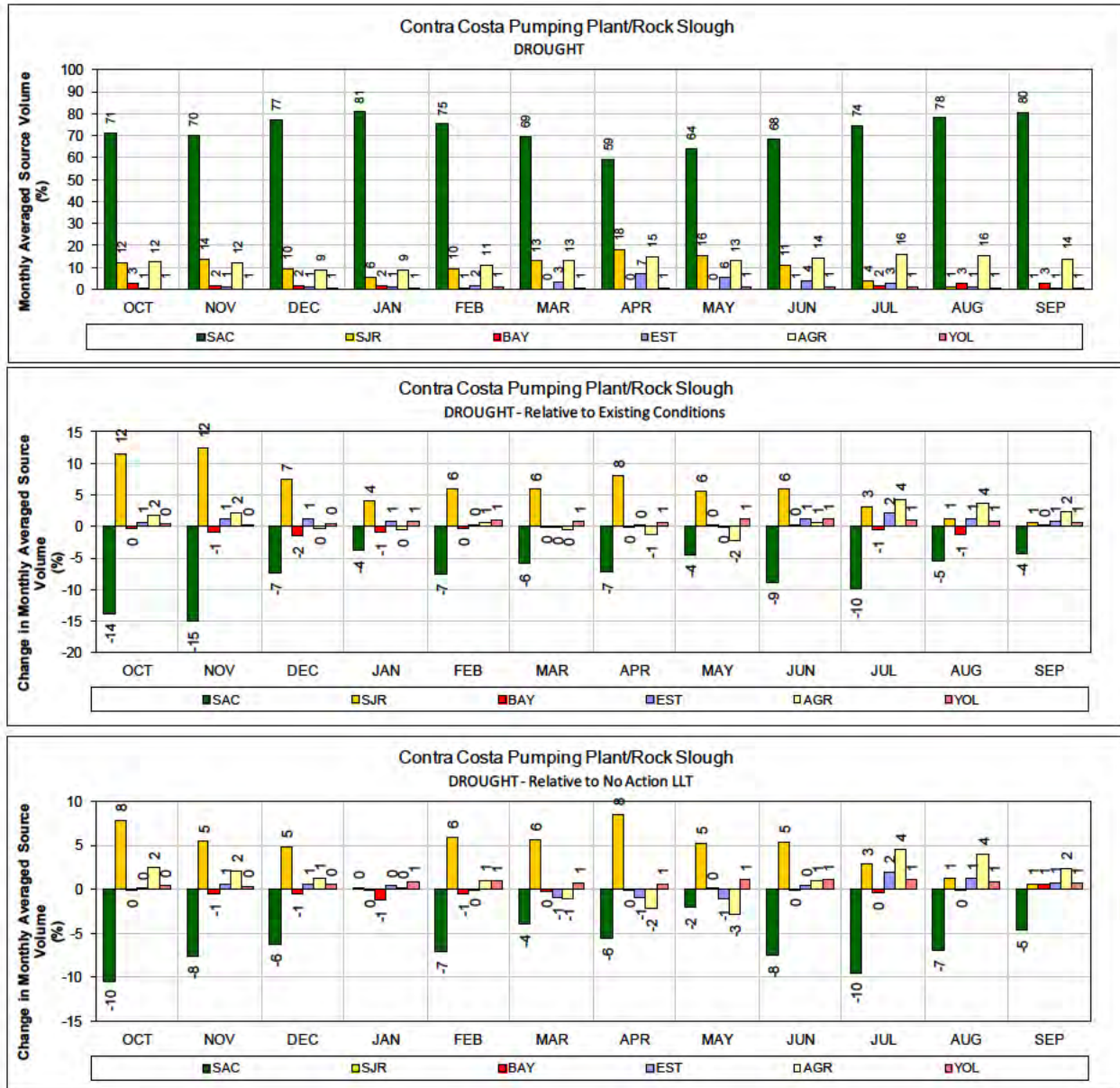
1 Figure 147. ALT 4 Scenario H3 – North Bay Aqueduct at Barker Slough Pumping Plant for ALL years
 2 (1976-1991)
 3 Monthly average source volume (top figure) and change in monthly average source volume relative to
 4 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



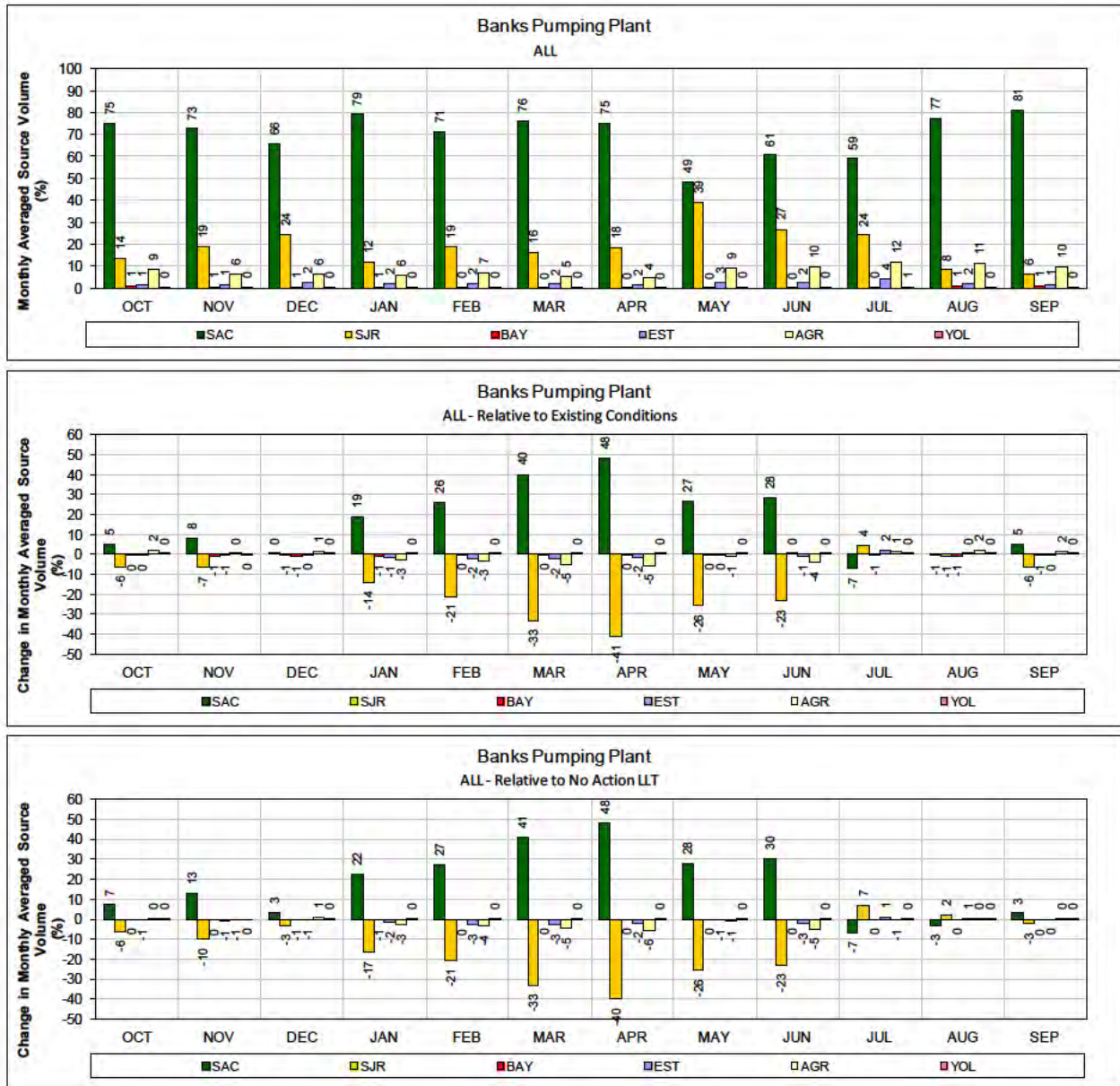
1 Figure 148. ALT 4 Scenario H3 – North Bay Aqueduct at Barker Slough Pumping Plant for DROUGHT
 2 years (1987-1991)
 3 Monthly average source volume (top figure) and change in monthly average source volume relative to
 4 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



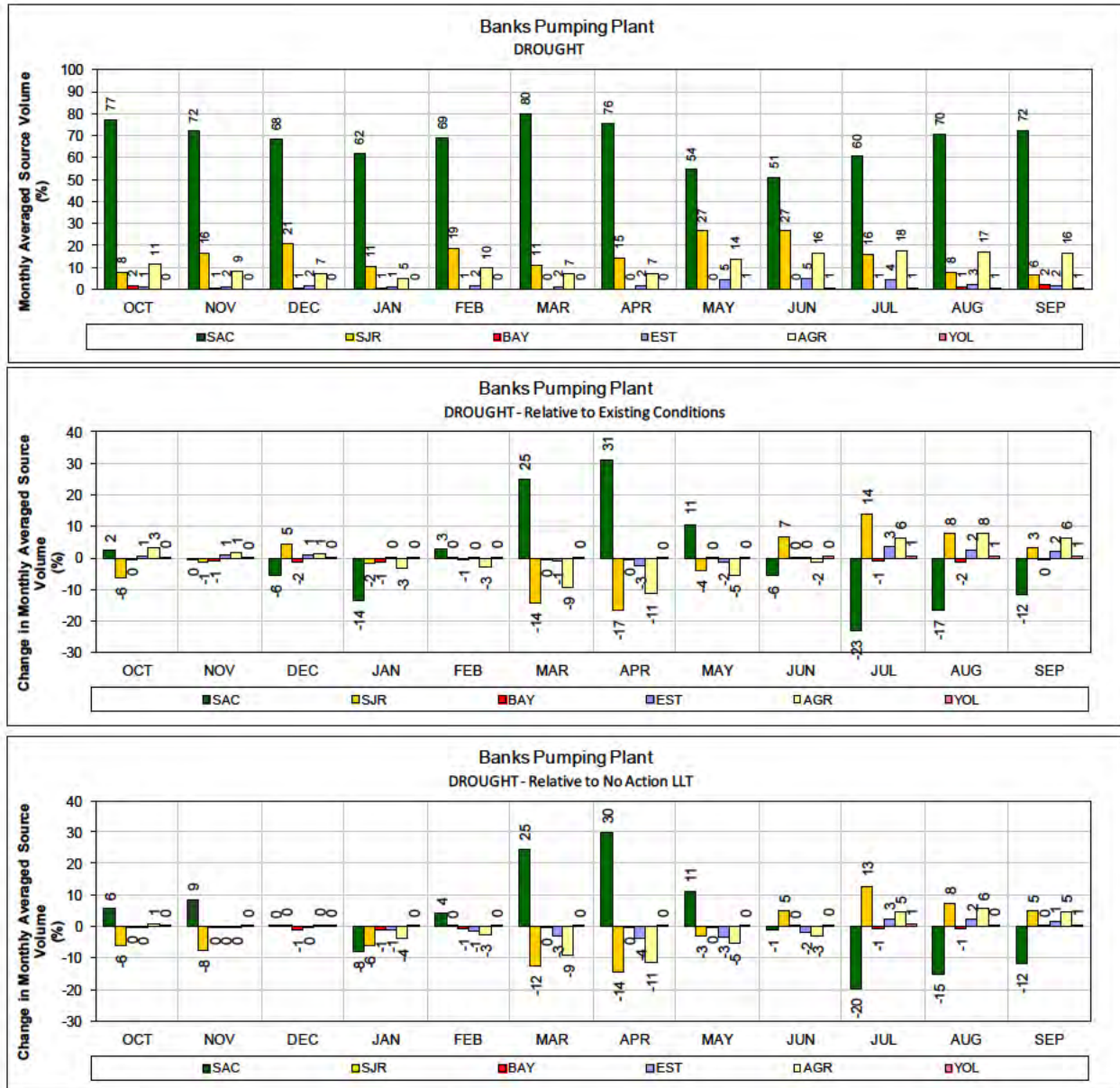
1 Figure 149. ALT 4 Scenario H3 – Contra Costa Pumping Plant #1 for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



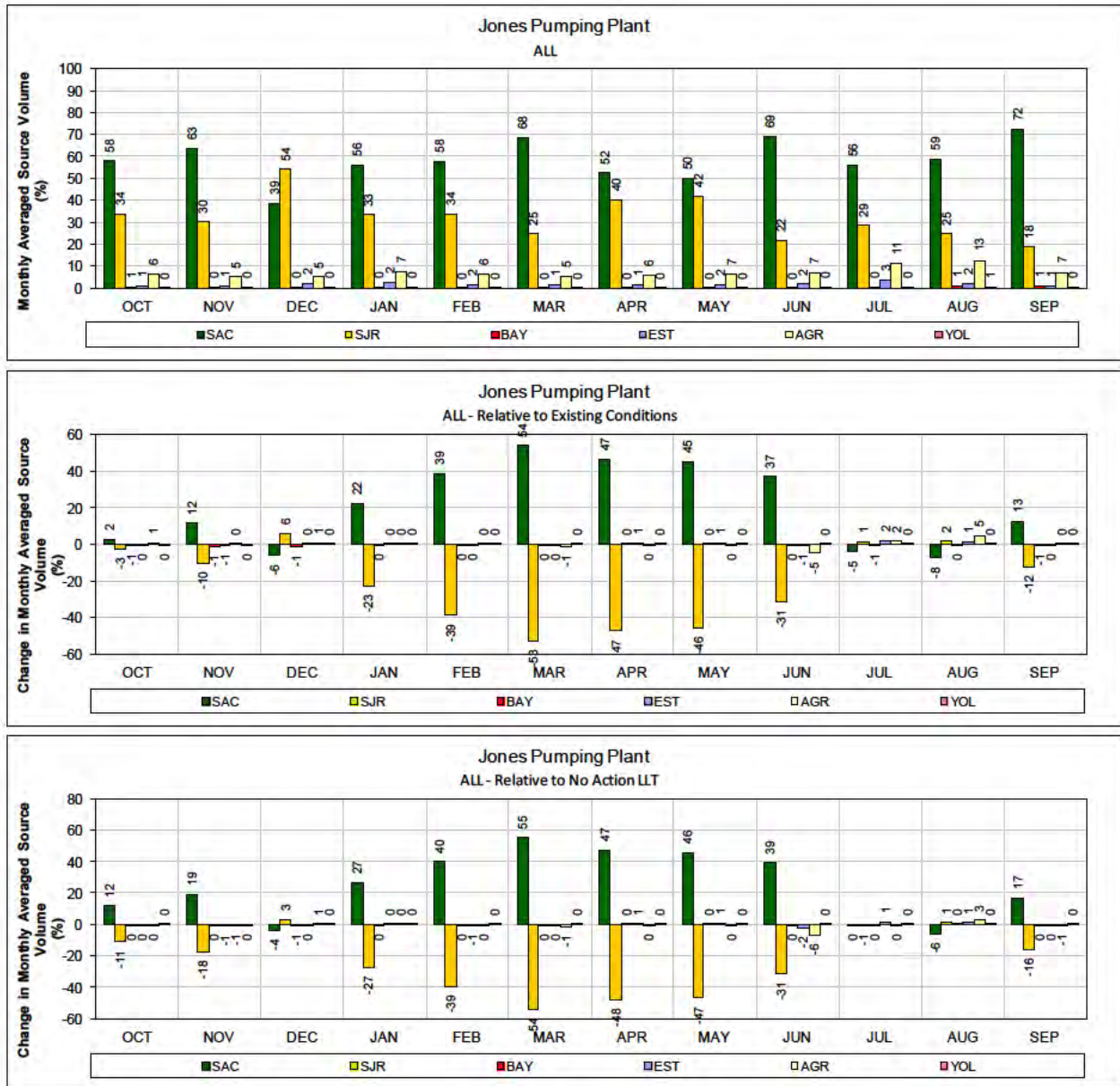
1 Figure 150. ALT 4 Scenario H3 – Contra Costa Pumping Plant #1 for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



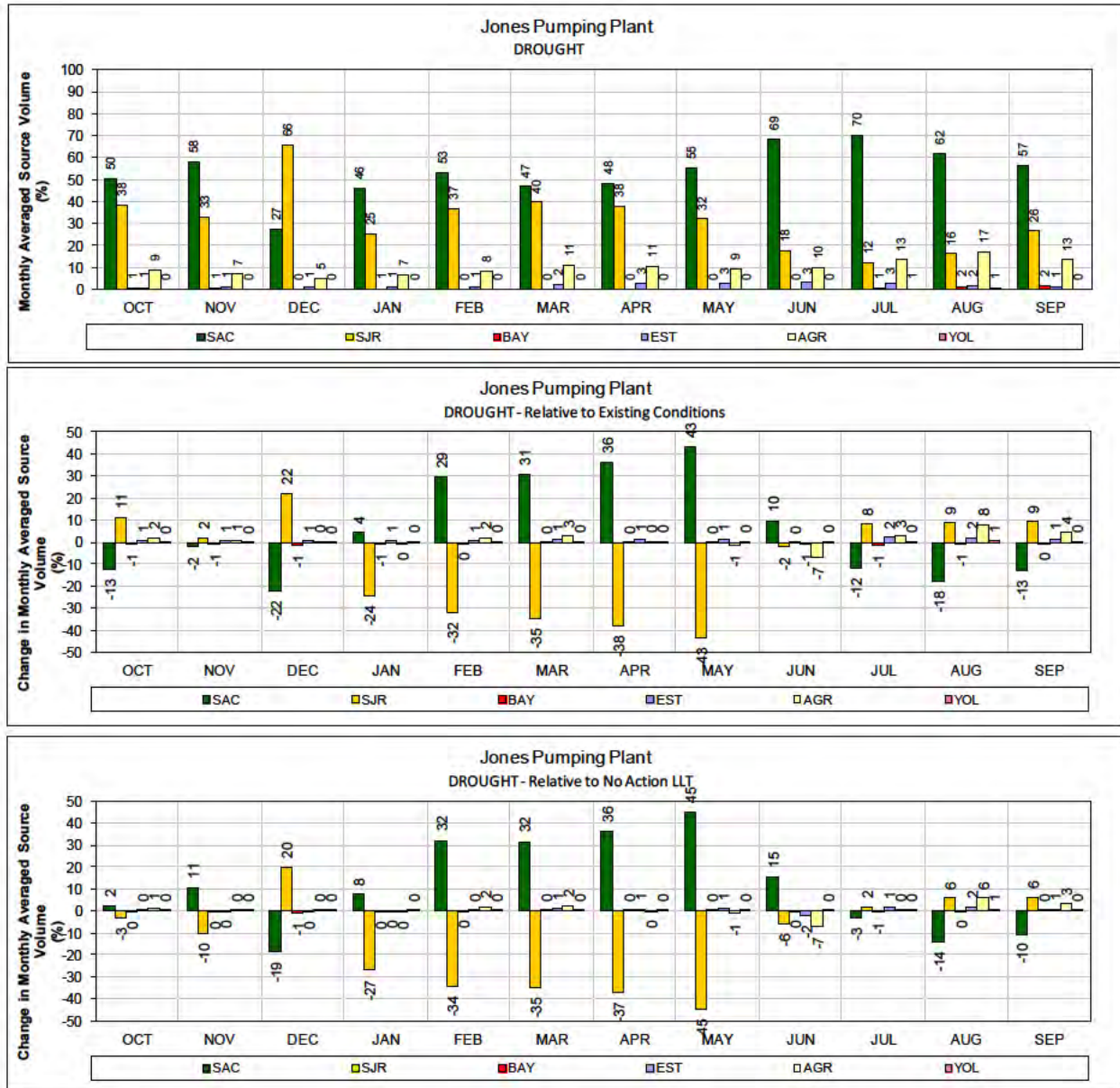
1 Figure 151. ALT 4 Scenario H3 – Banks Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



1 Figure 152. ALT 4 Scenario H3 – Banks Pumping Plant for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



- 1 Figure 153. ALT 4 Scenario H3 – Jones Pumping Plant for ALL years (1976-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).
- 3

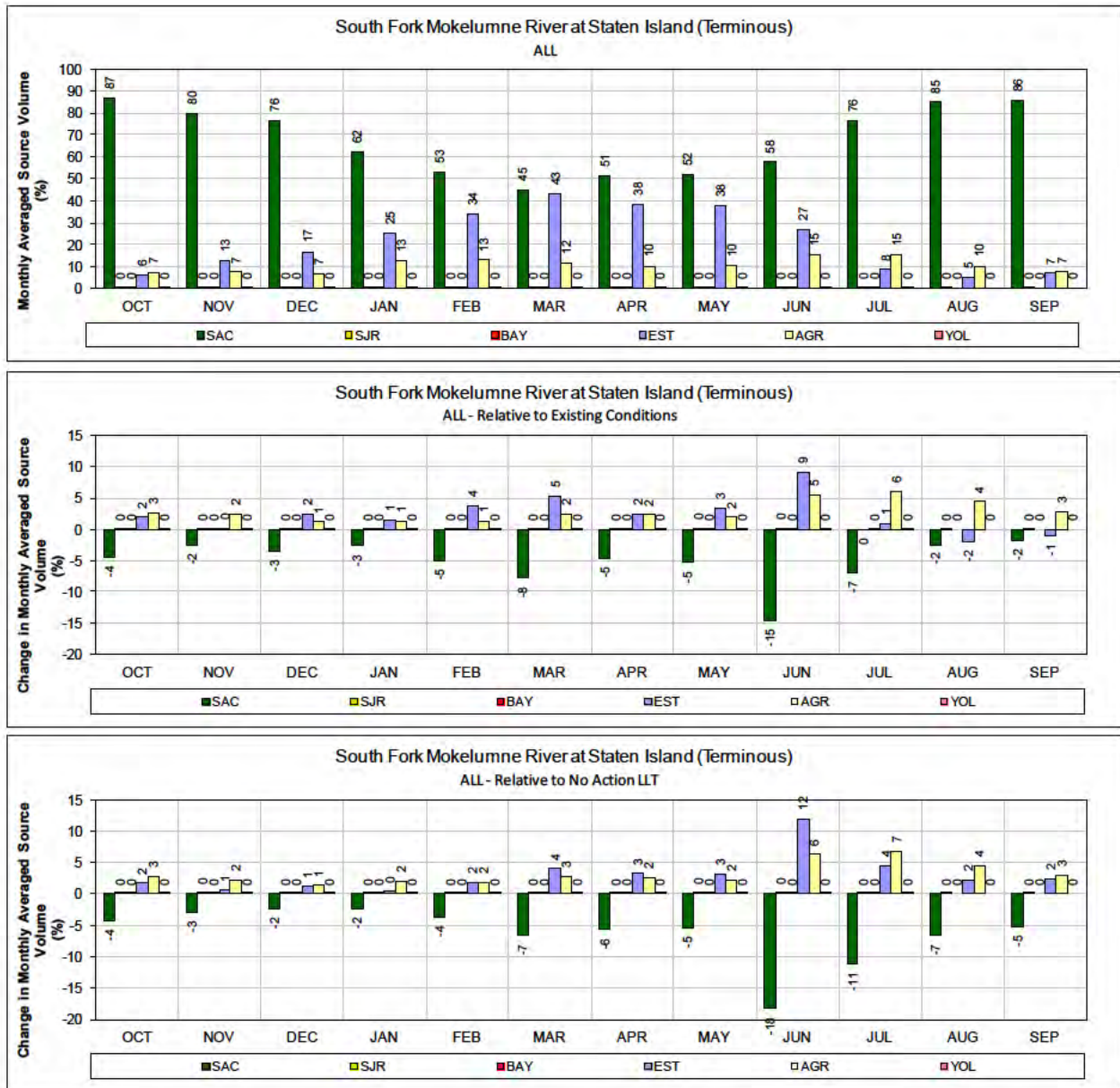


1 Figure 154. ALT 4 Scenario H3 – Jones Pumping Plant for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures)

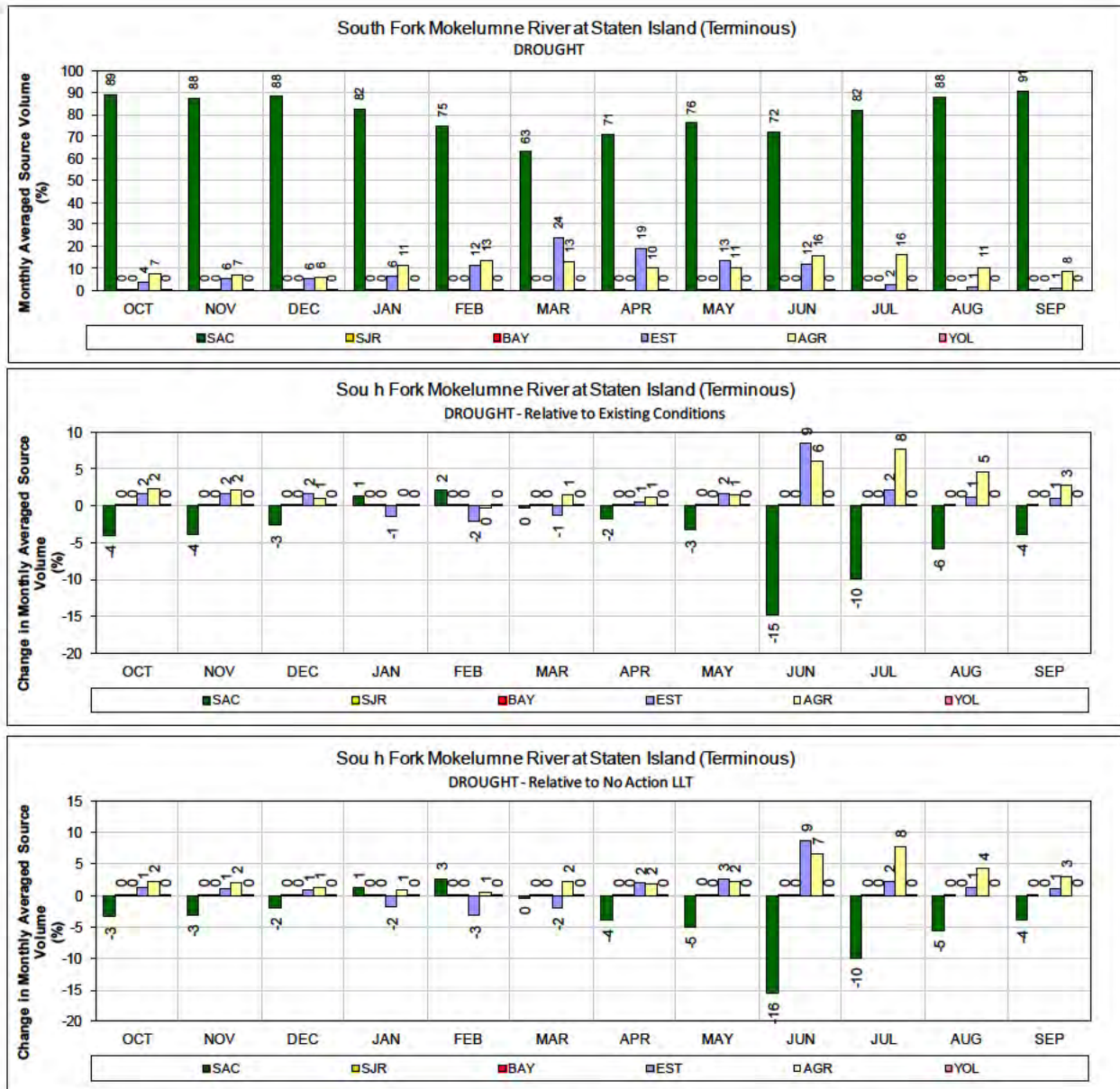
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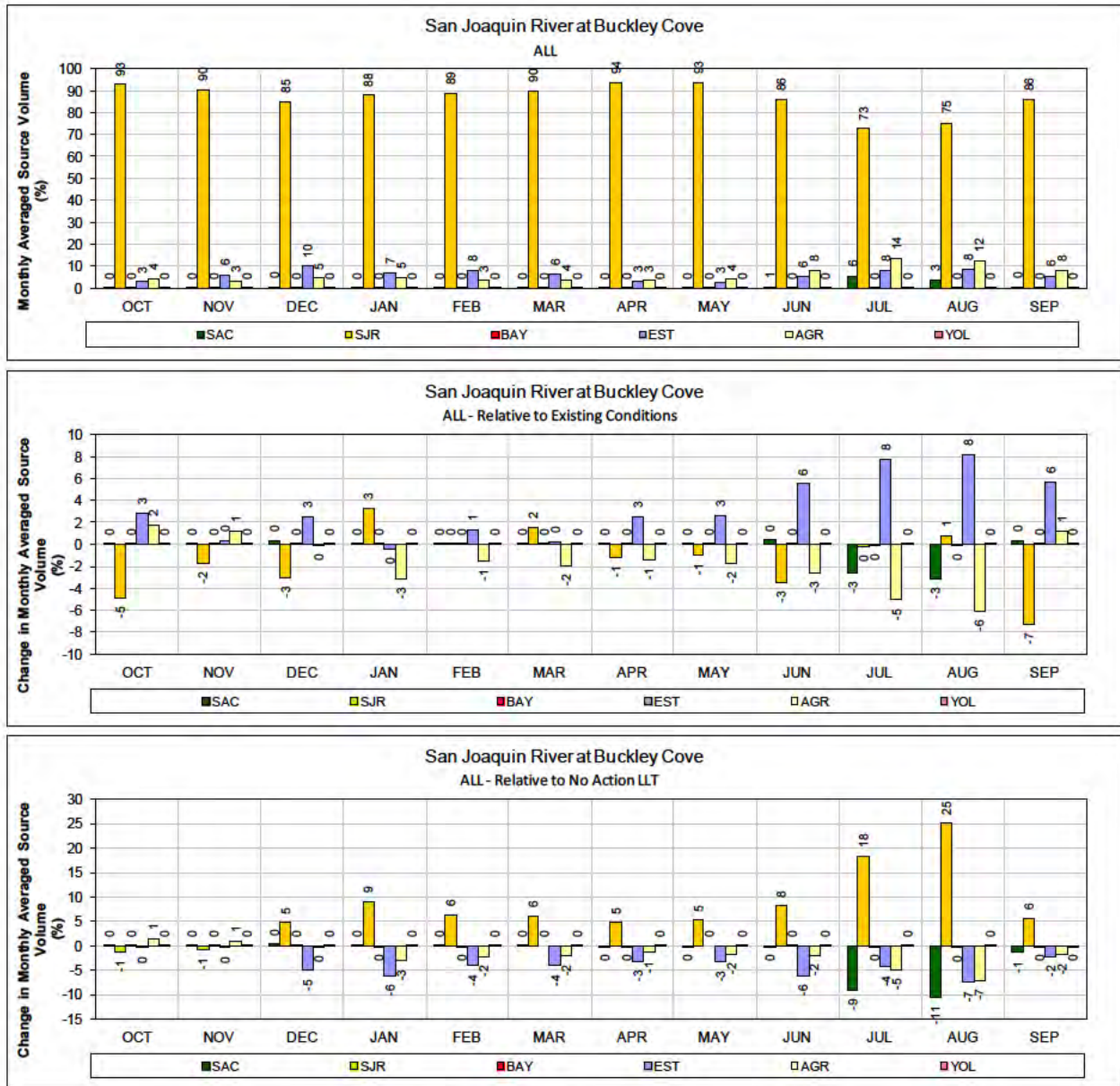
Alternative 4 LLT Scenario H4



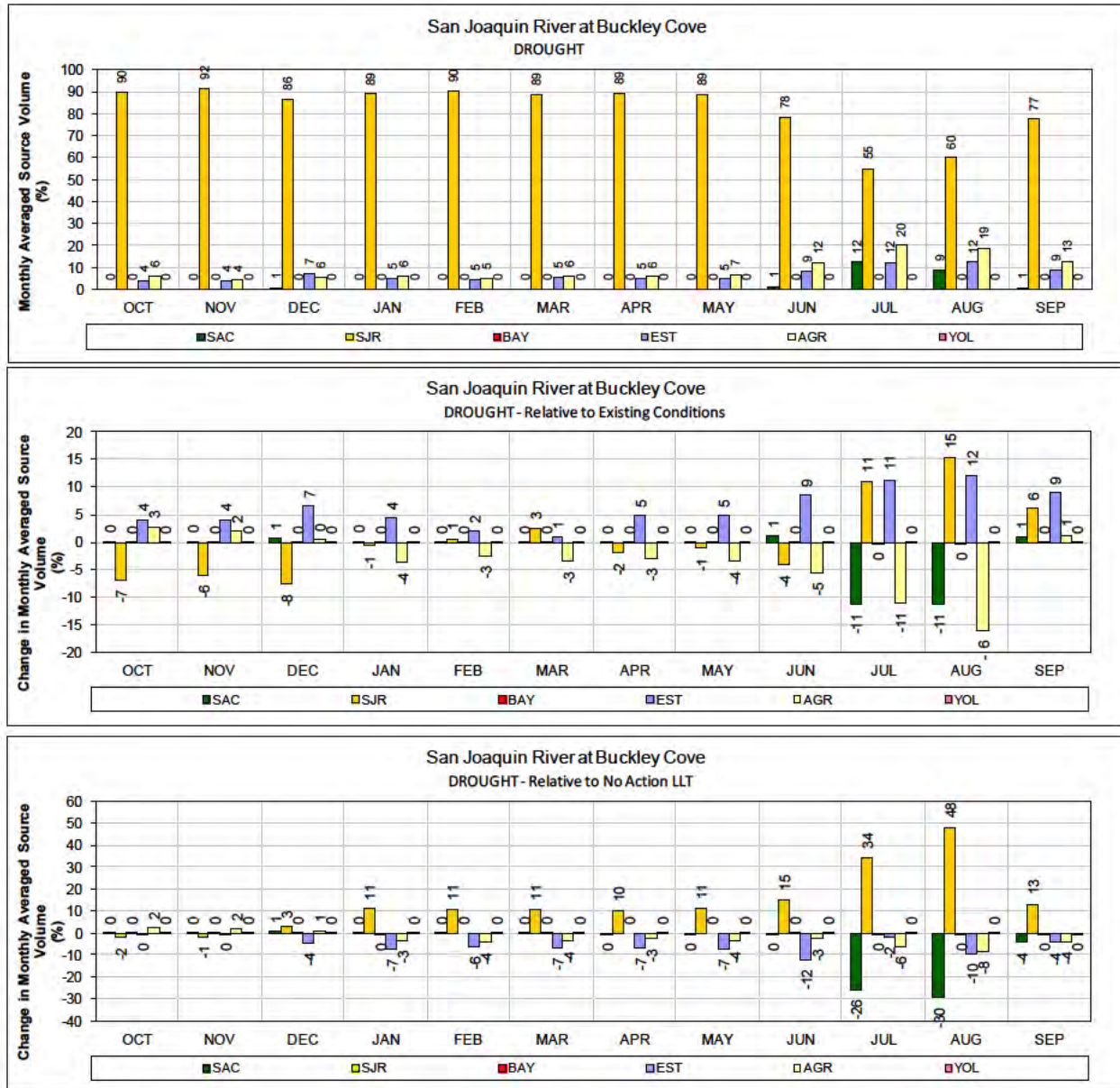
1 **Figure 155. ALT 4 Scenario H4 – Mokelumne River (South Fork) at Staten Island for ALL years**
 2 **(1976-1991)**
 3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



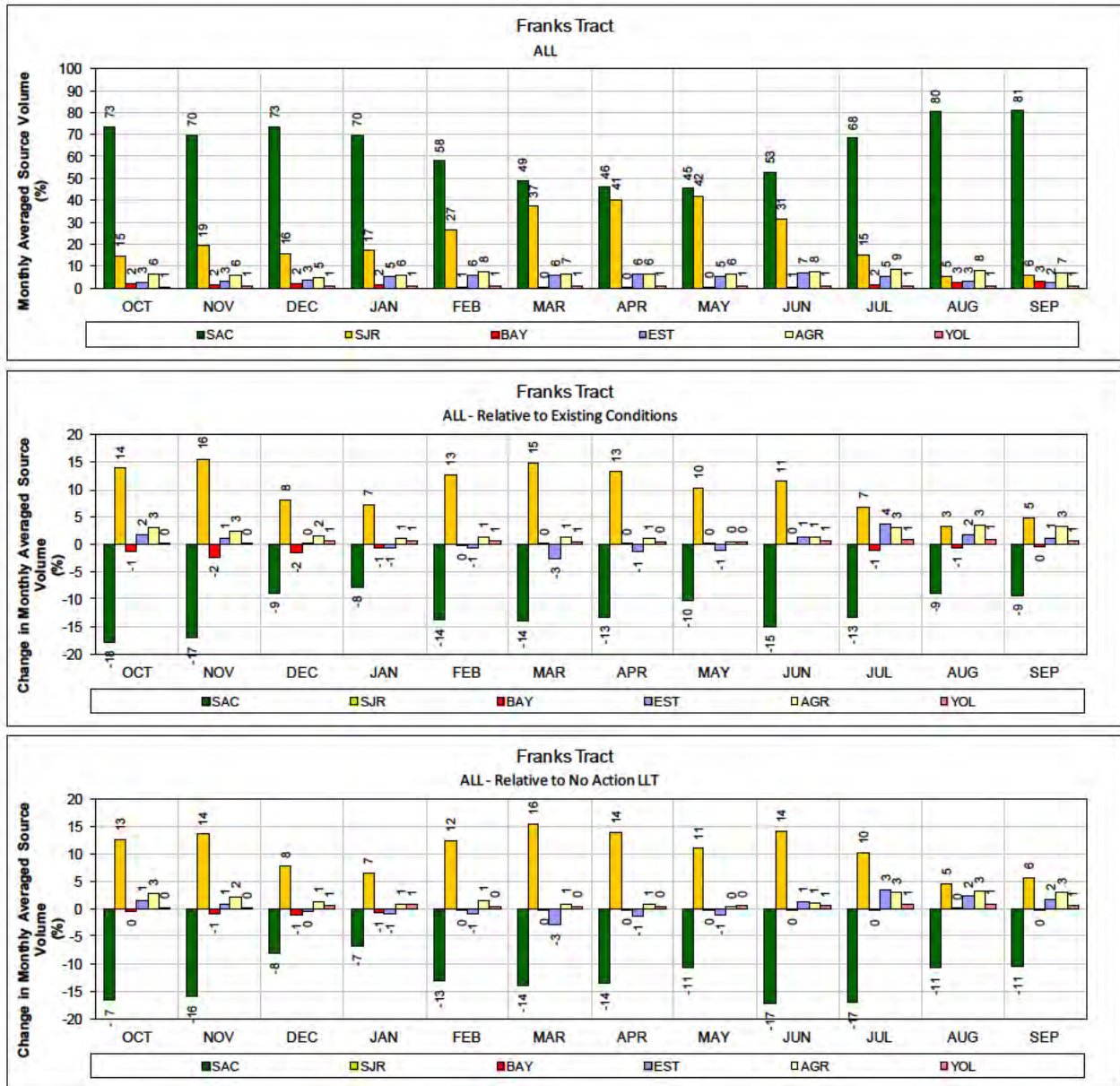
1 Figure 156. ALT 4 Scenario H4 – Mokelumne River (South Fork) at Staten Island for DROUGHT years
 2 (1987-1991)
 3 Monthly average source volume (top figure) and change in monthly average source volume relative to
 4 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



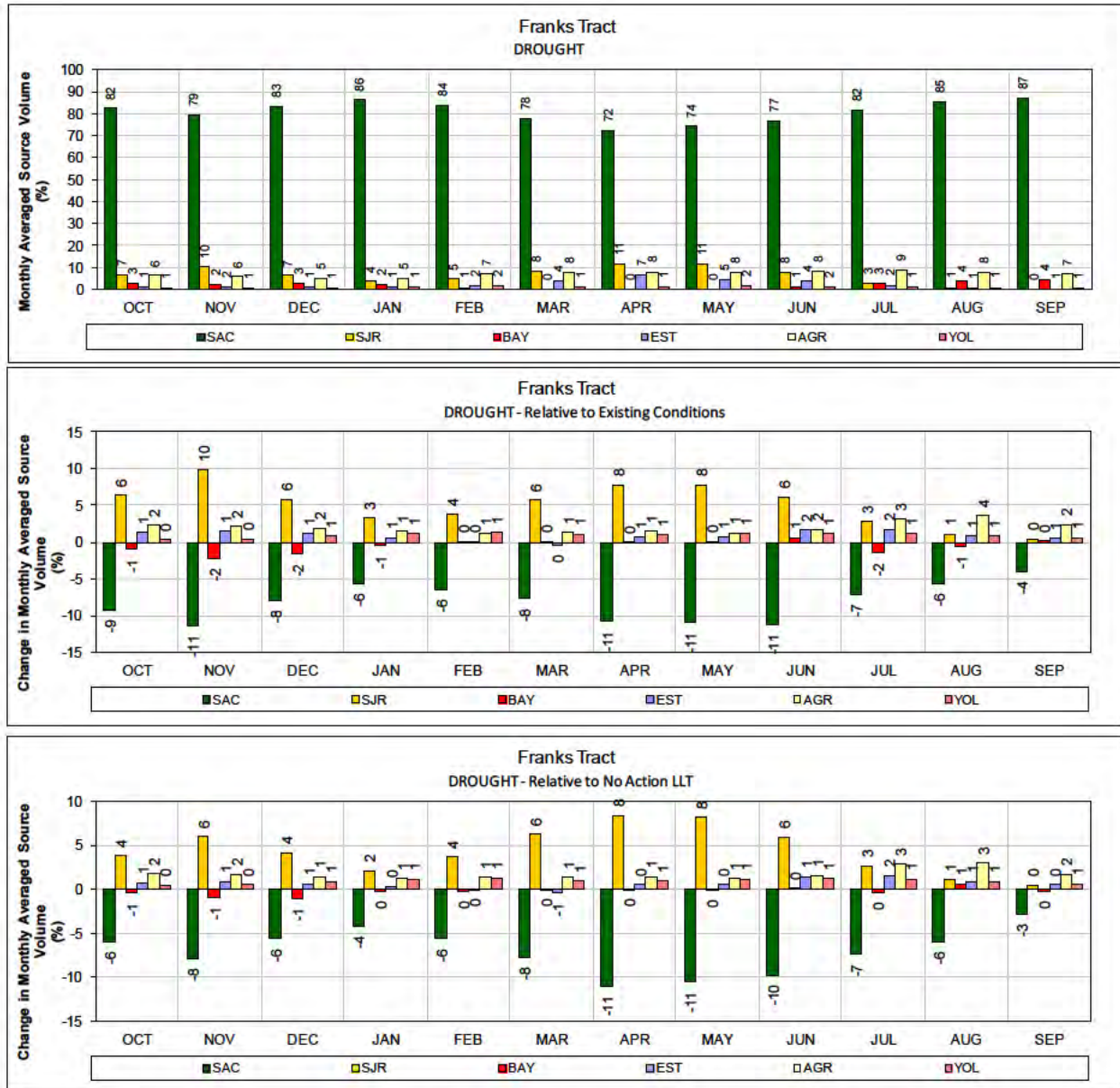
1 Figure 157. ALT 4 Scenario H4 – San Joaquin River at Buckley Cove for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



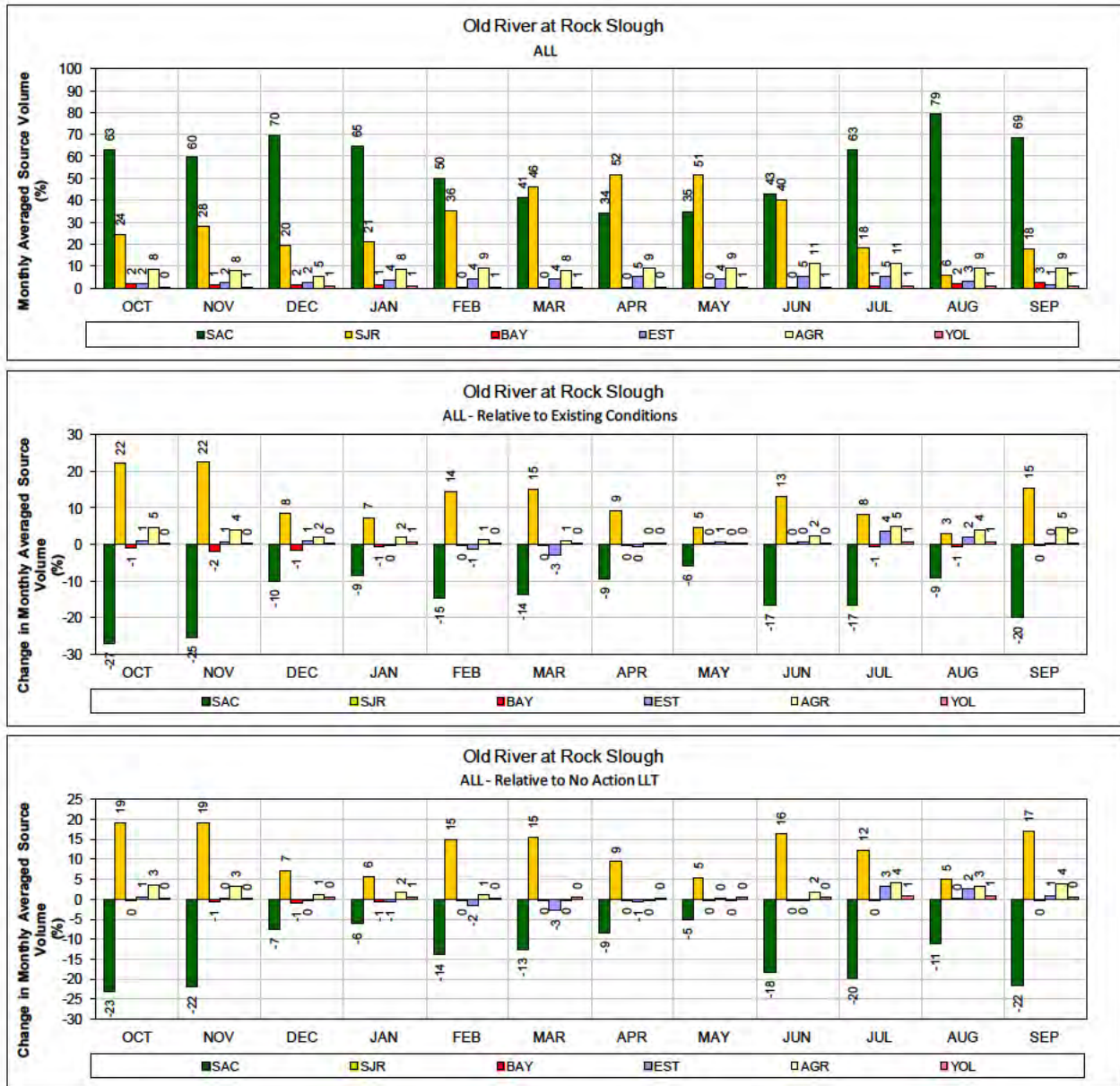
1 Figure 158. ALT 4 Scenario H4 – San Joaquin River at Buckley Cove for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



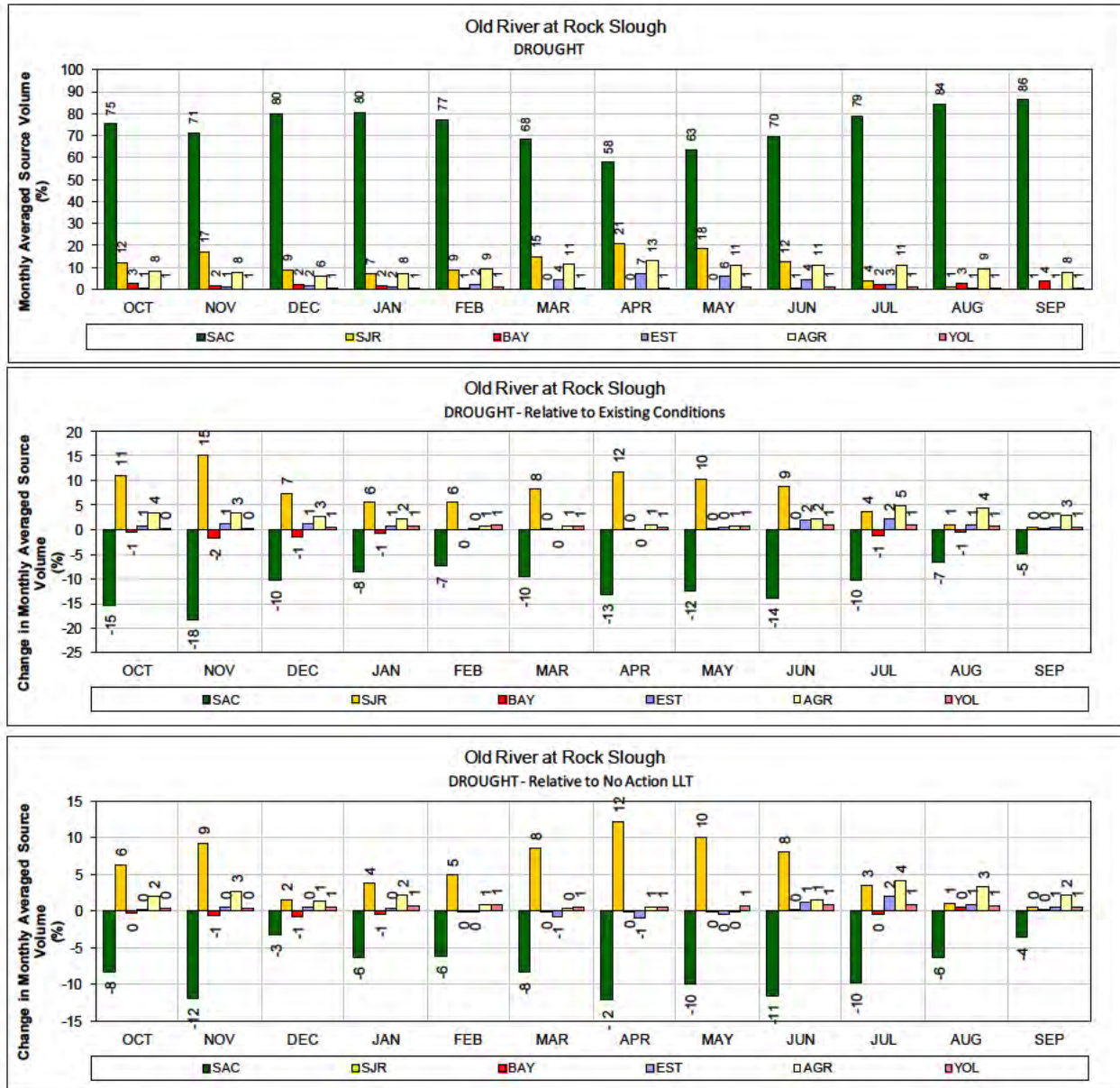
1 Figure 159. ALT 4 – Franks Tract for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



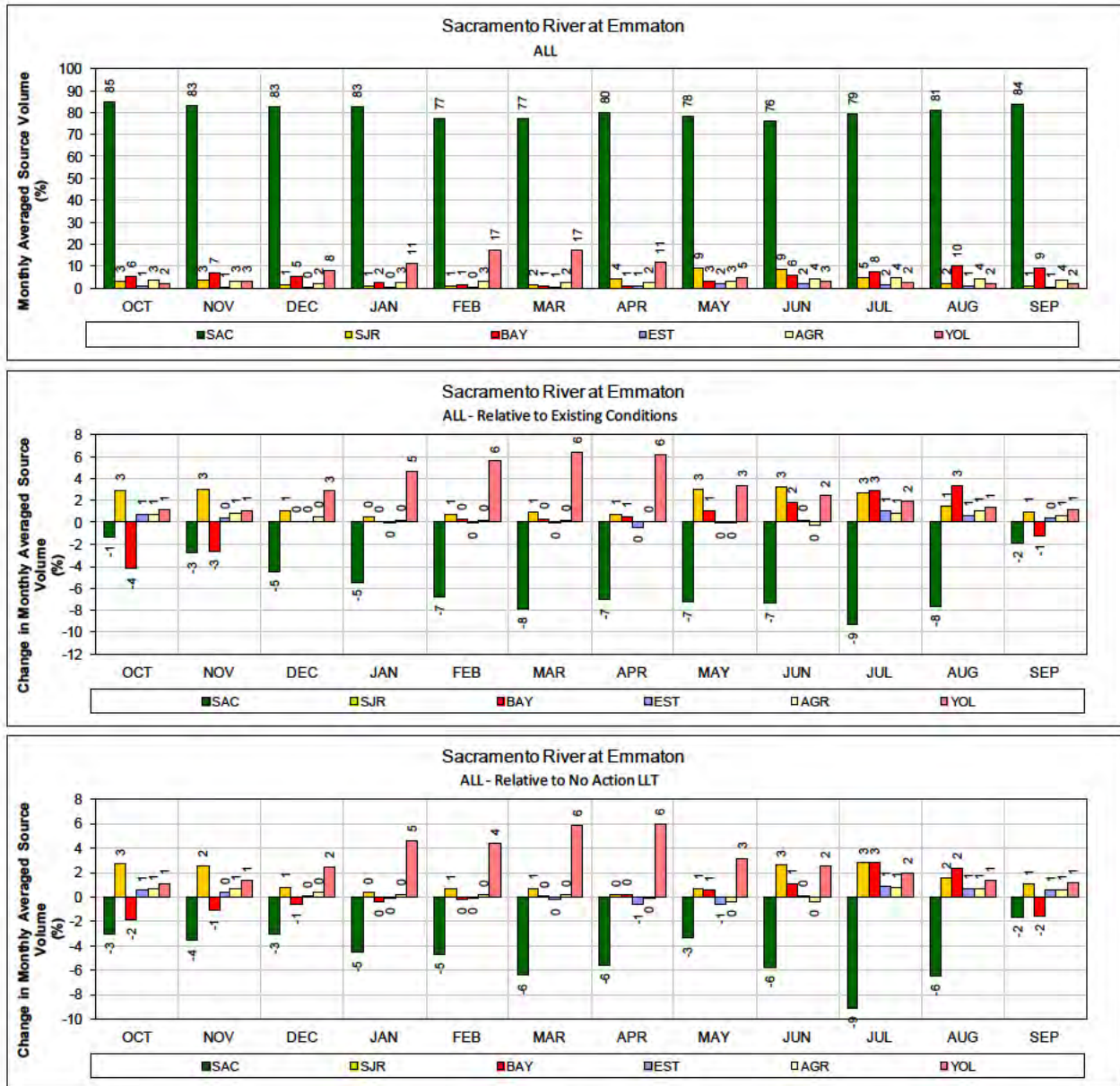
1 Figure 160. ALT 4 Scenario H4 – Franks Tract for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



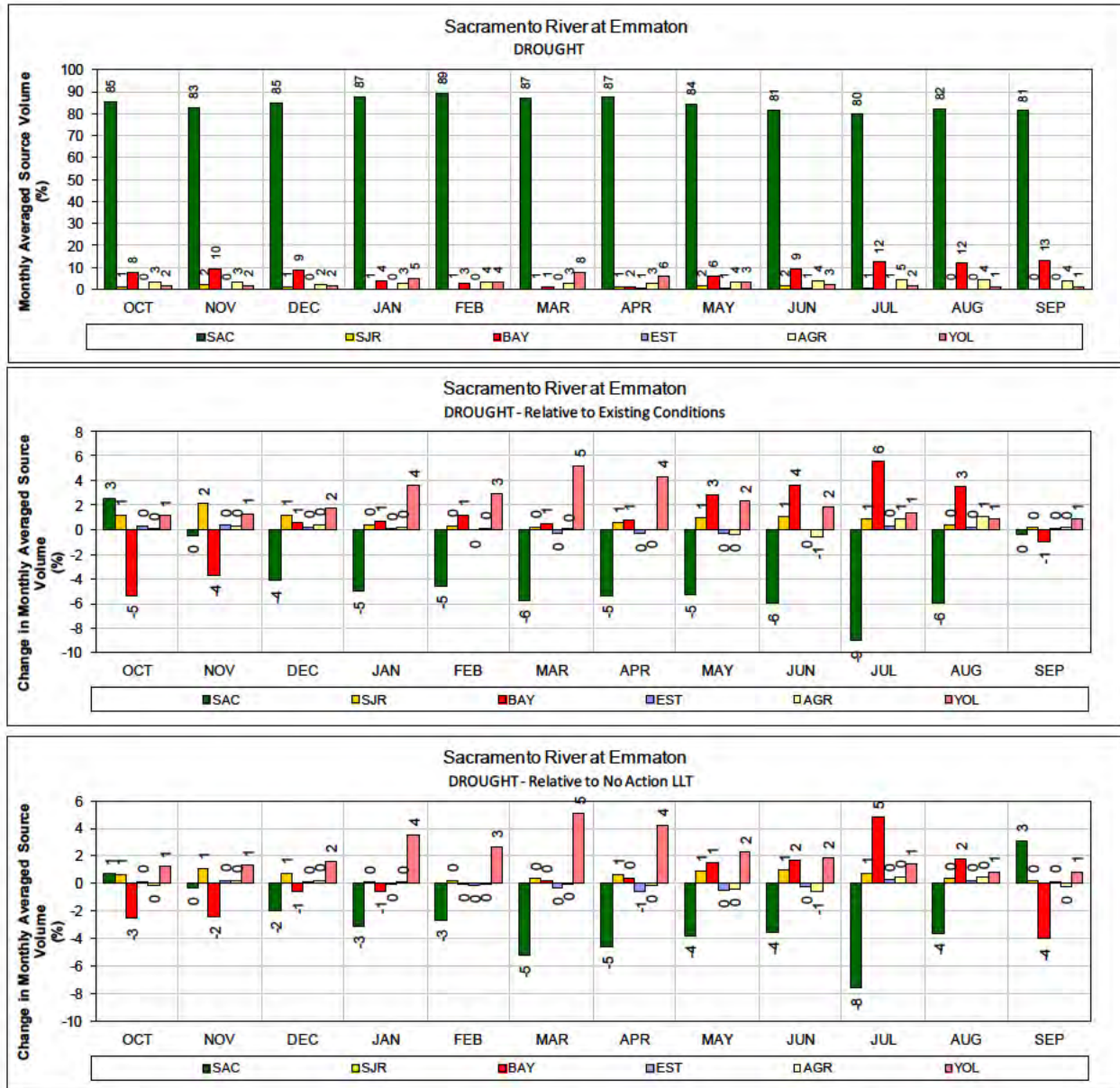
1 Figure 161. ALT 4 Scenario H4 – Old River at Rock Slough for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



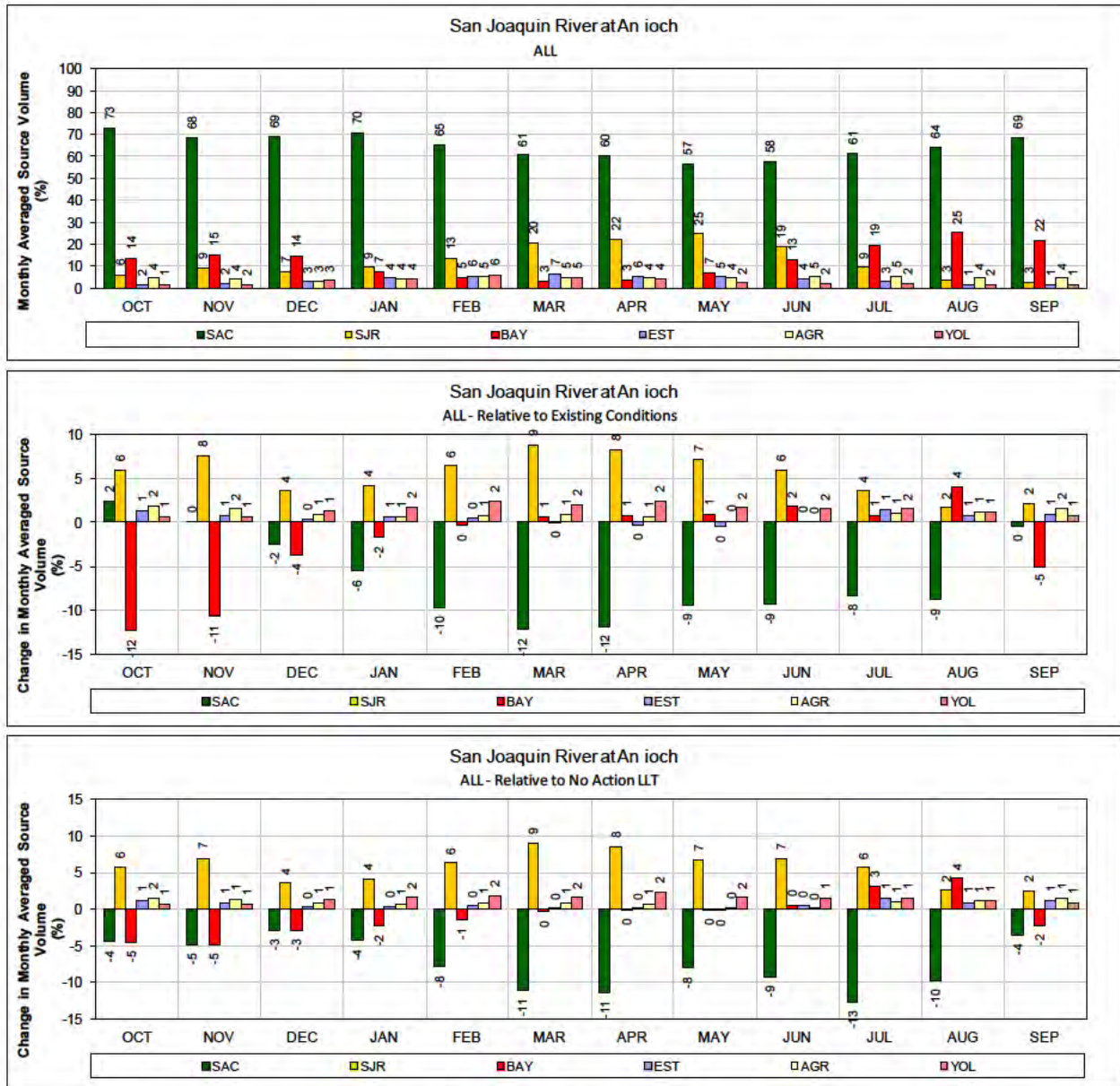
1 Figure 162. ALT 4 Scenario H4 – Old River at Rock Slough for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



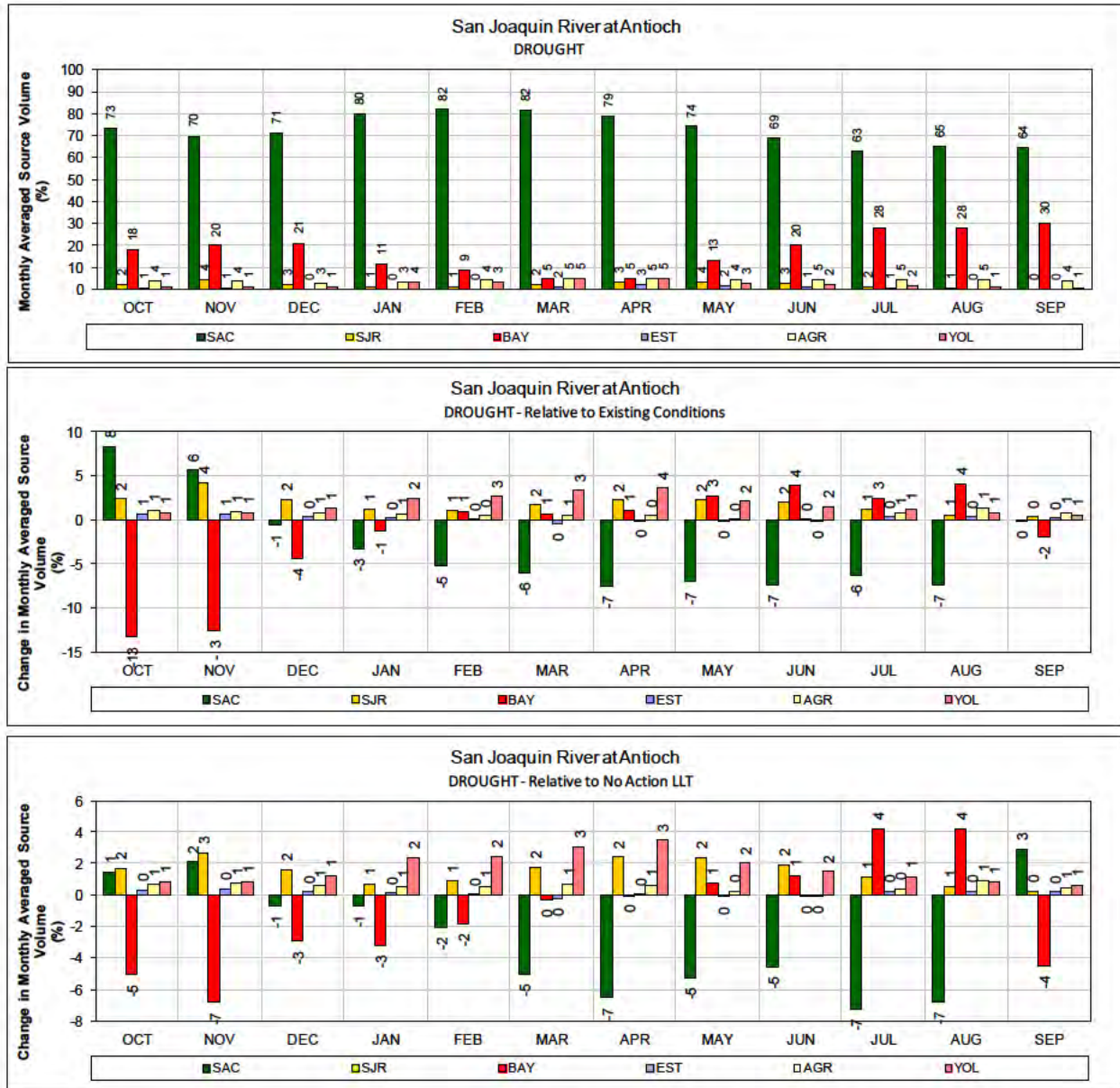
1 Figure 163. ALT 4 Scenario H4 – Sacramento River at Emmaton for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



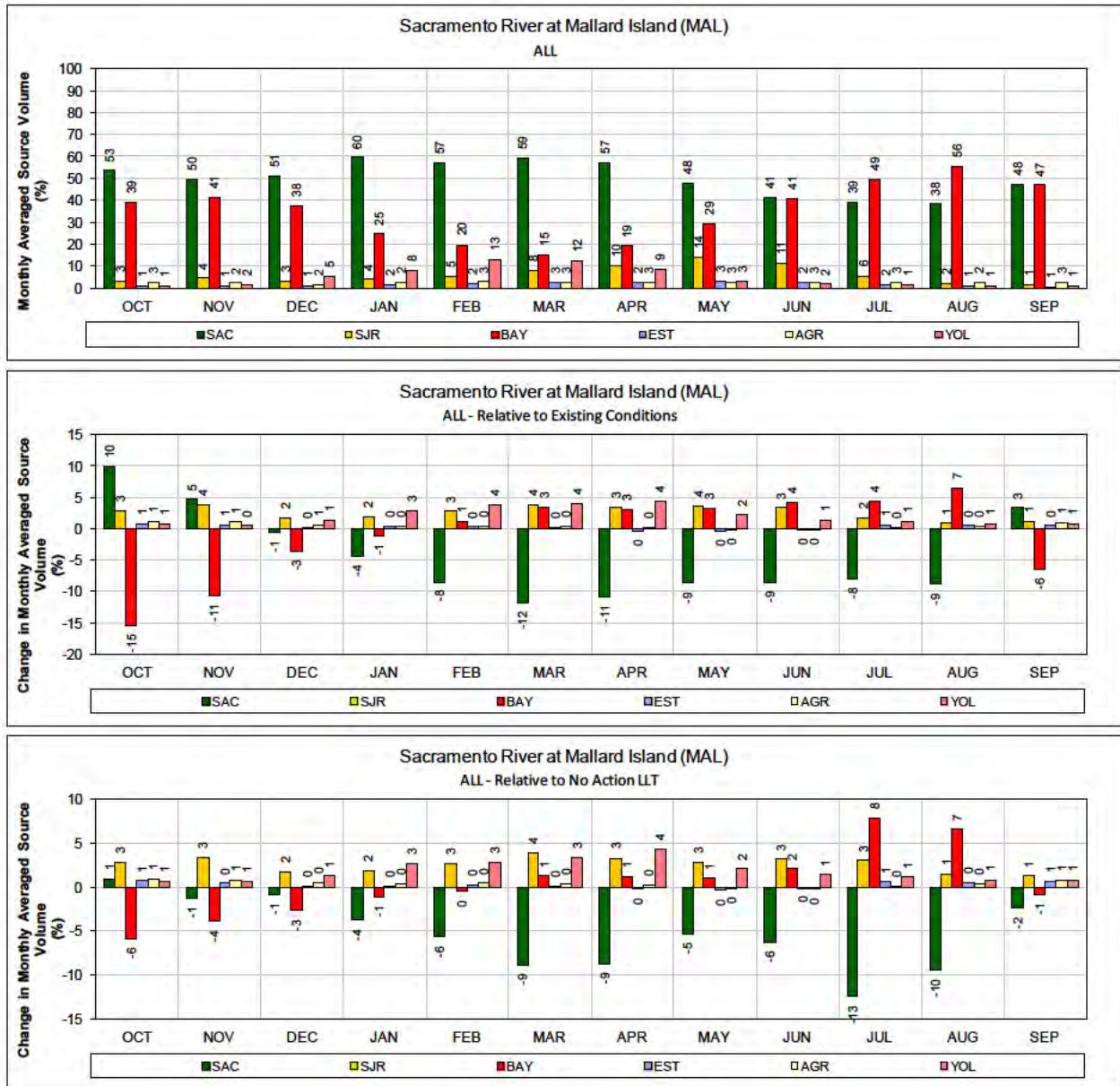
1 Figure 164. ALT 4 Scenario H4 – Sacramento River at Emmaton for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



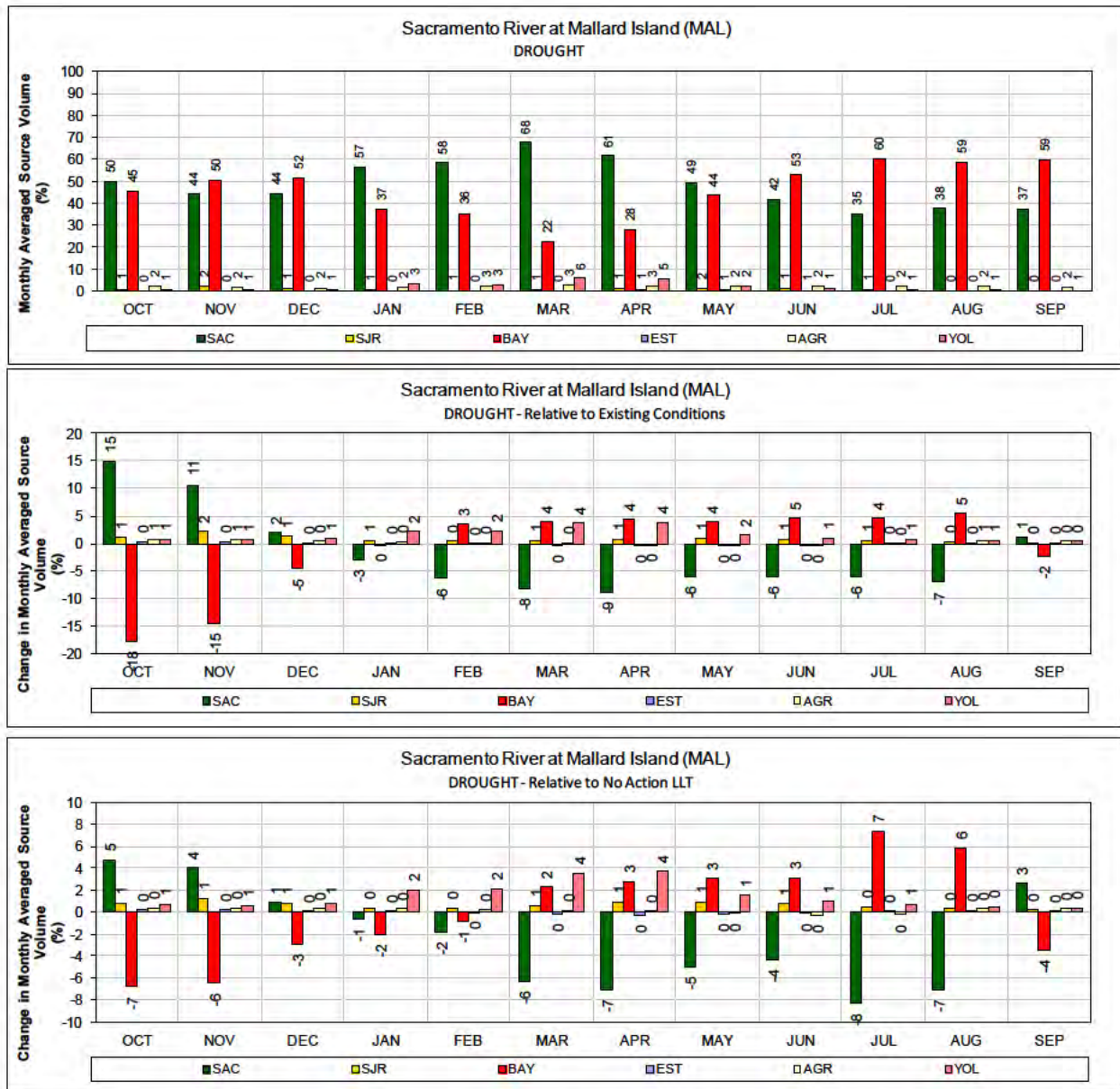
1 Figure 165. ALT 4 Scenario H4 – San Joaquin River at Antioch for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



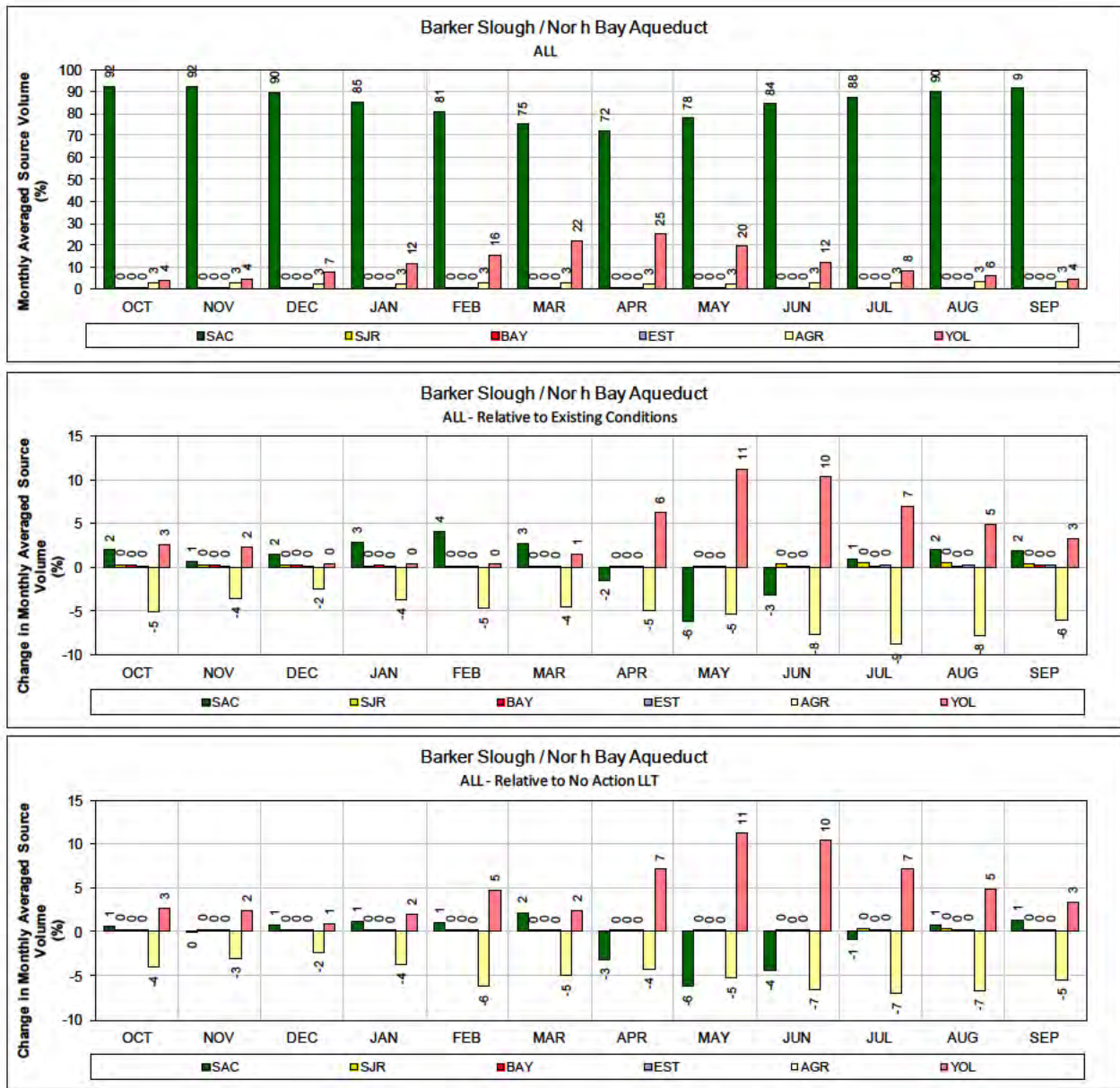
1 Figure 166. ALT 4 Scenario H4 – San Joaquin River at Antioch for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



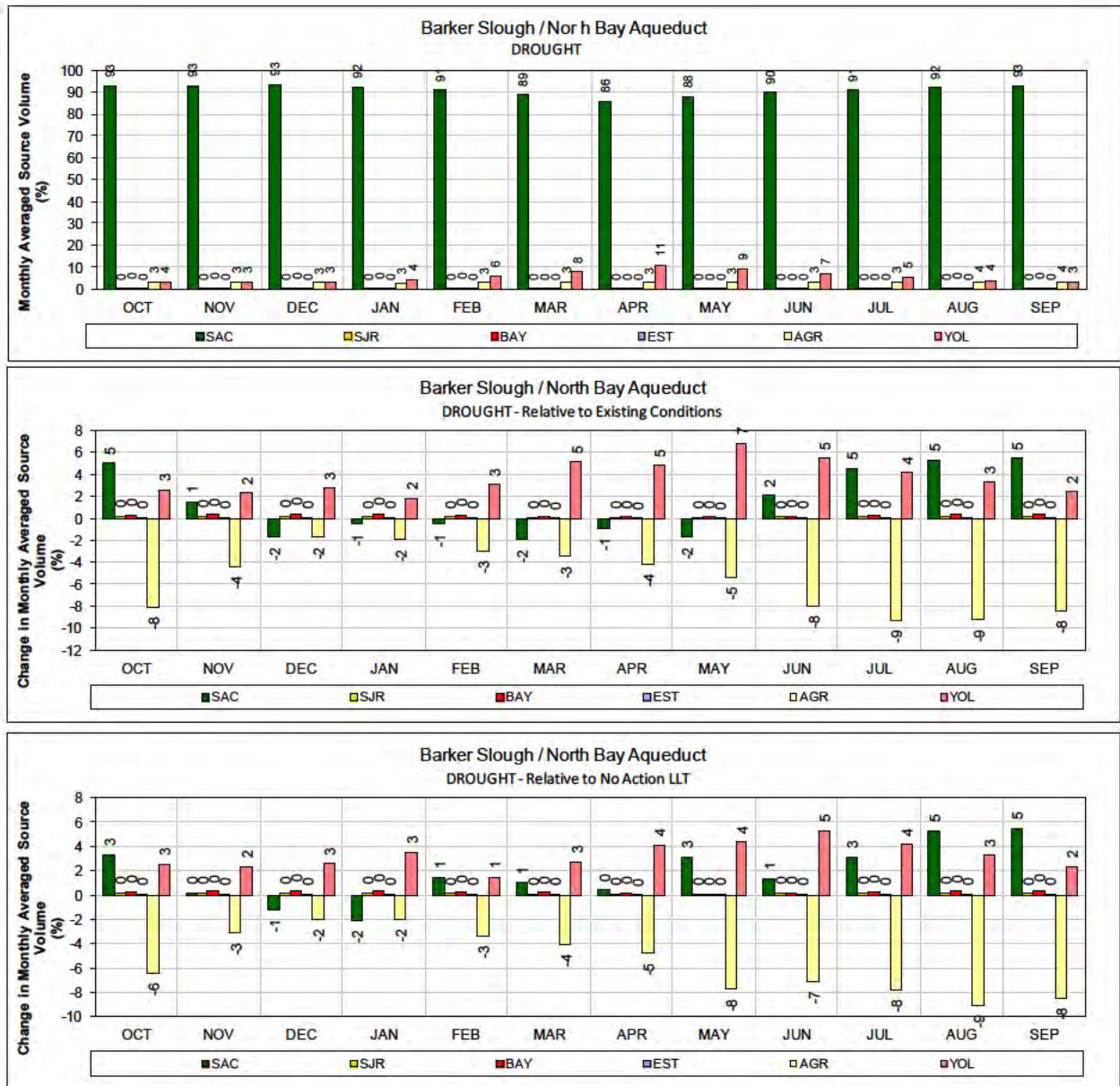
1 Figure 167. ALT 4 Scenario H4 – Sacramento River at Mallard Island for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



1 Figure 168. ALT 4 Scenario H4 – Sacramento River at Mallard Island for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).

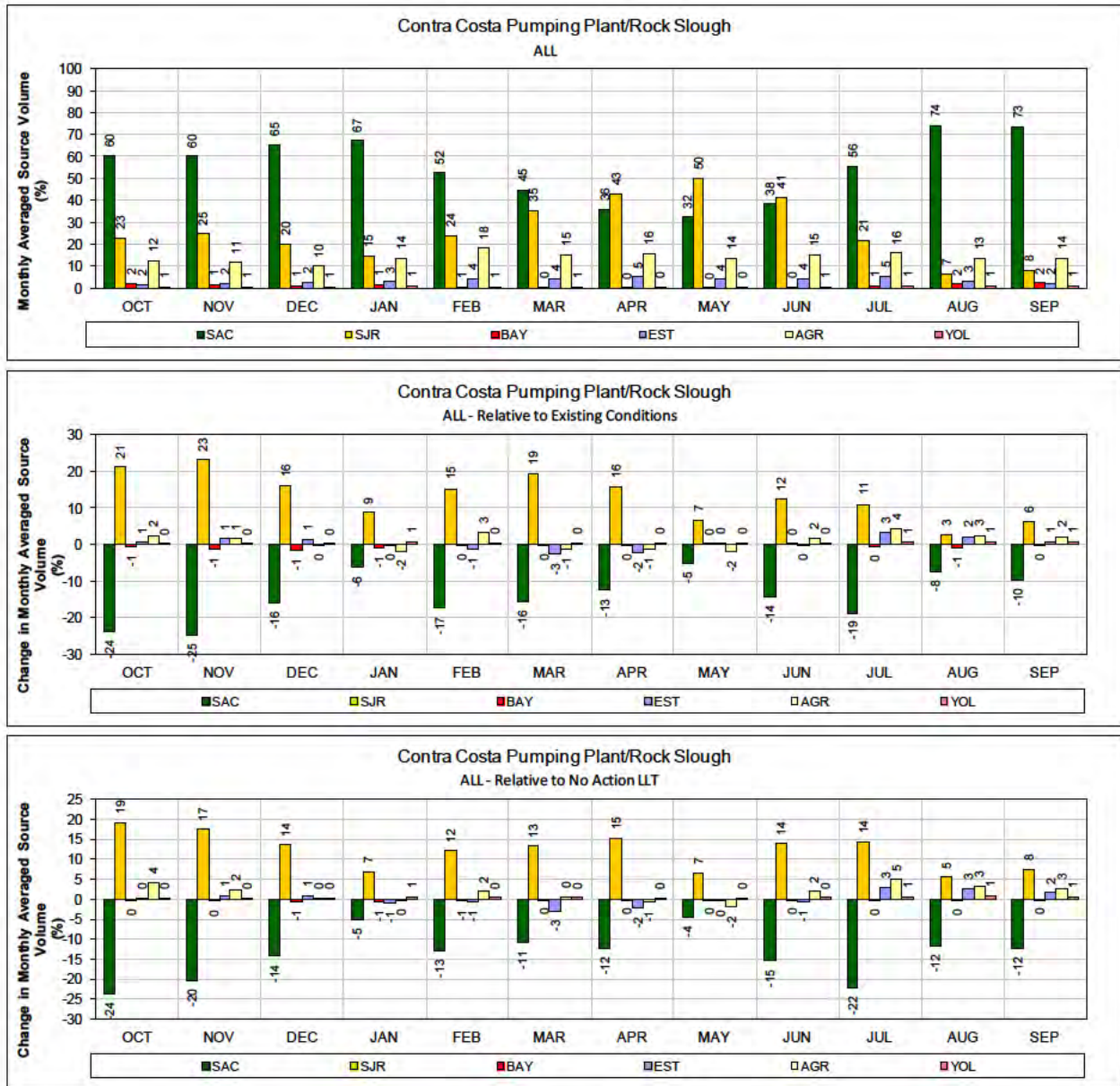


1 Figure 169. ALT 4 Scenario H4 – North Bay Aqueduct at Barker Slough Pumping Plant for ALL years
 2 (1976-1991)
 3 Monthly average source volume (top figure) and change in monthly average source volume relative to
 4 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).

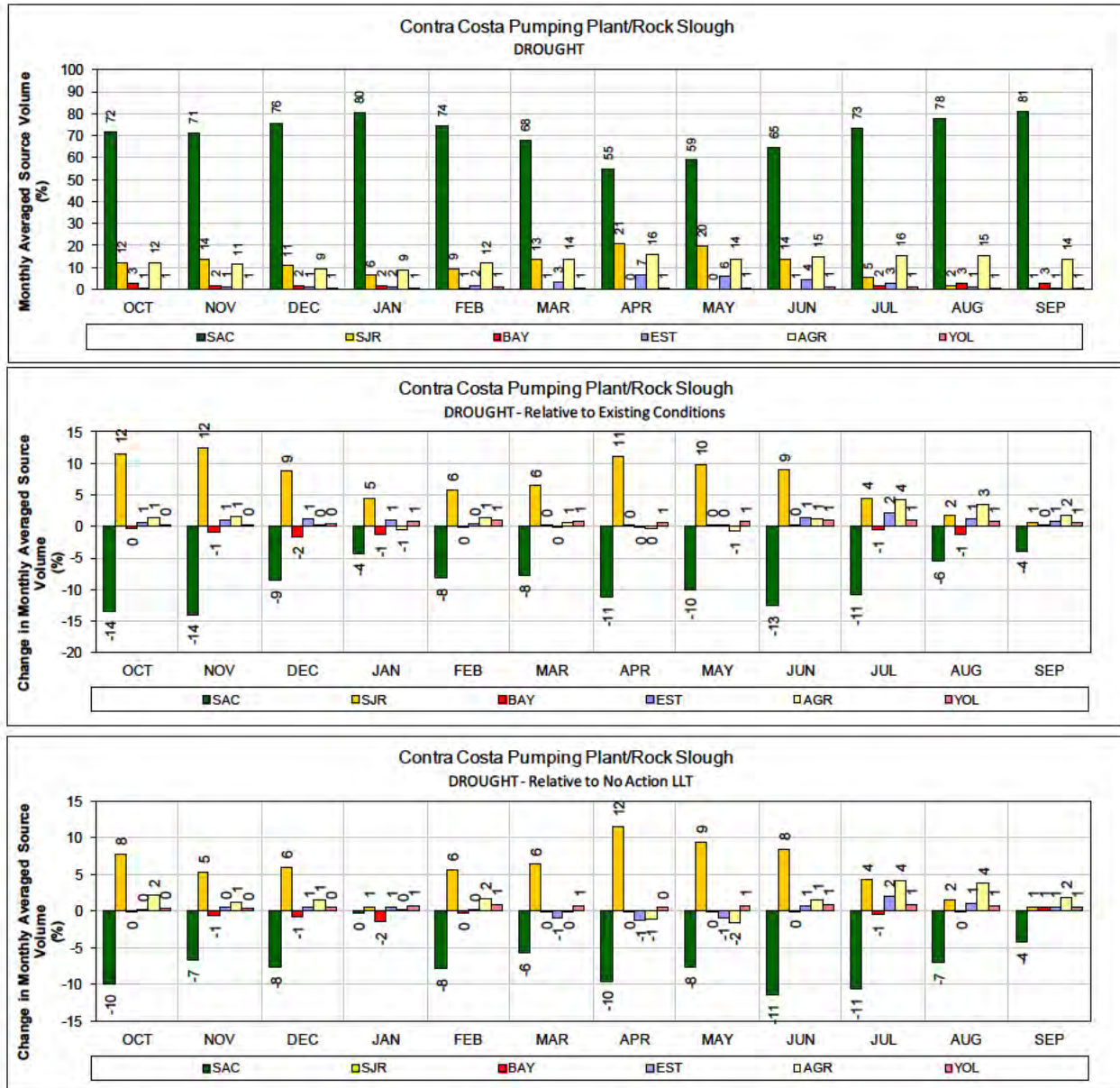


1 Figure 170. ALT 4 Scenario H4 – North Bay Aqueduct at Barker Slough Pumping Plant for DROUGHT
 2 years (1987-1991)

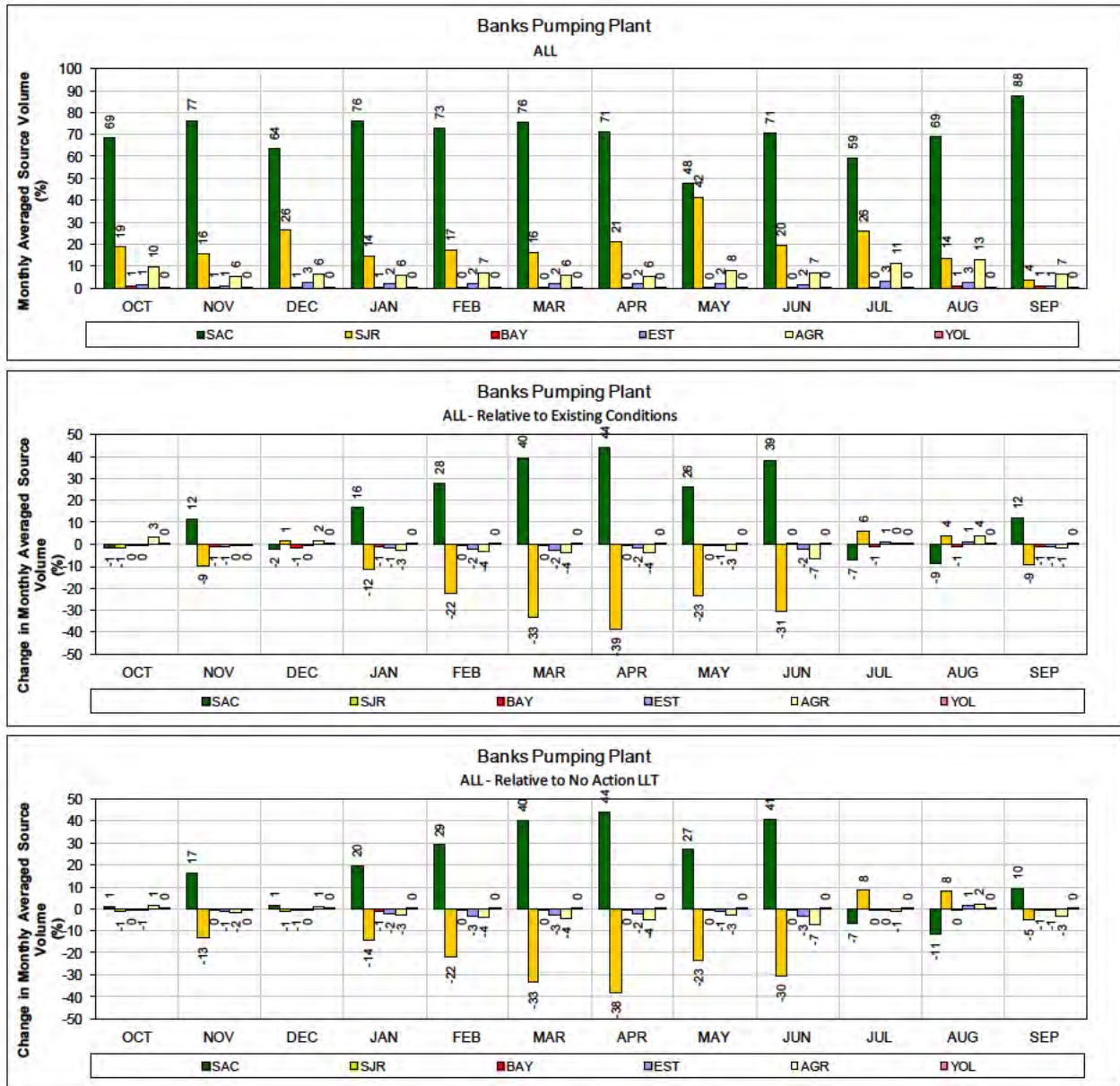
3 Monthly average source volume (top figure) and change in monthly average source volume relative to
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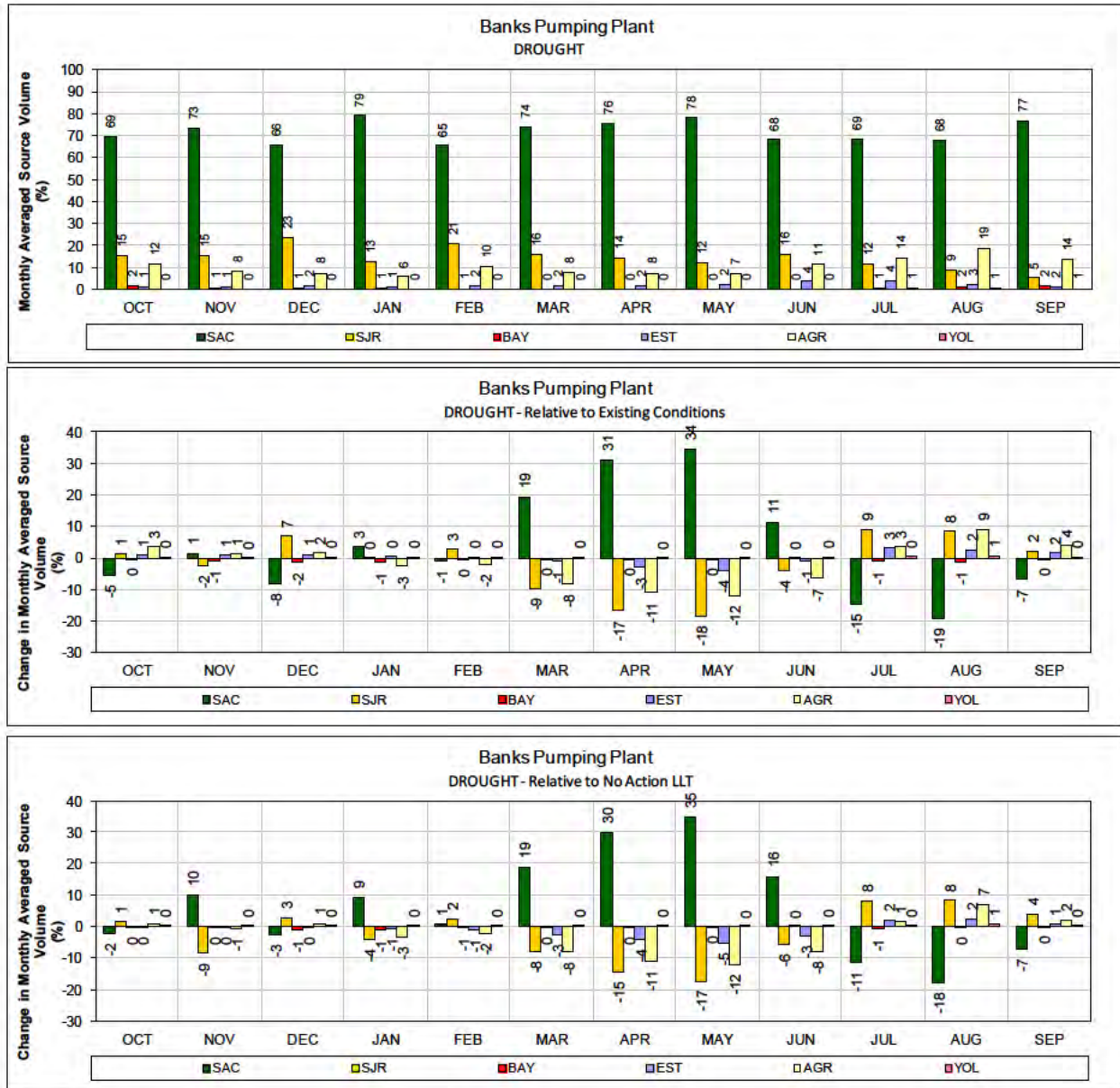
1 Figure 171. ALT 4 Scenario H4 – Contra Costa Pumping Plant #1 for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



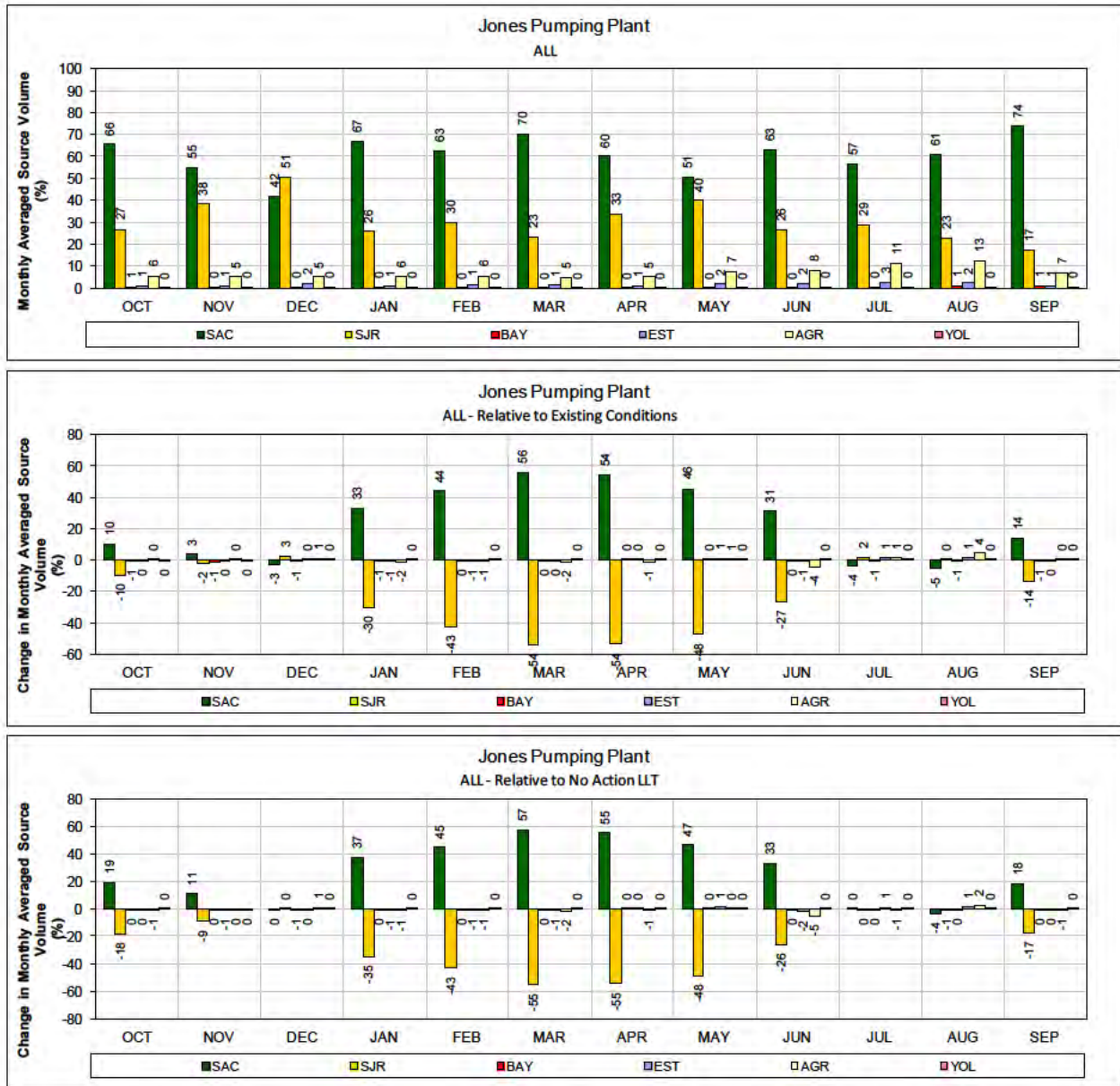
1 **Figure 172. ALT 4 Scenario H4 – Contra Costa Pumping Plant #1 for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



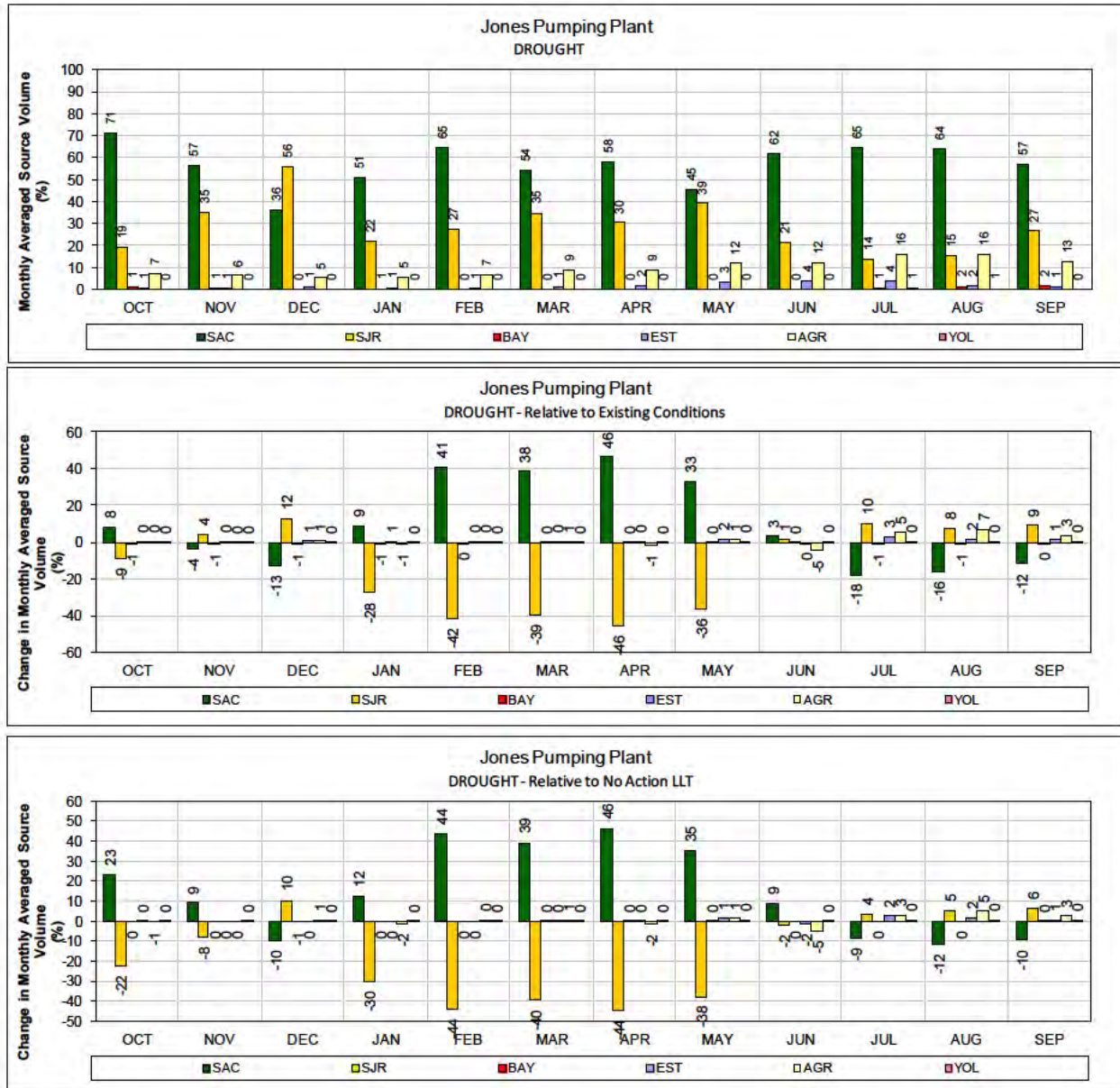
1 Figure 173. ALT 4 Scenario H4 – Banks Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



1 Figure 174. ALT 4 Scenario H4 – Banks Pumping Plant for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



1 Figure 175. ALT 4 Scenario H4 – Jones Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).

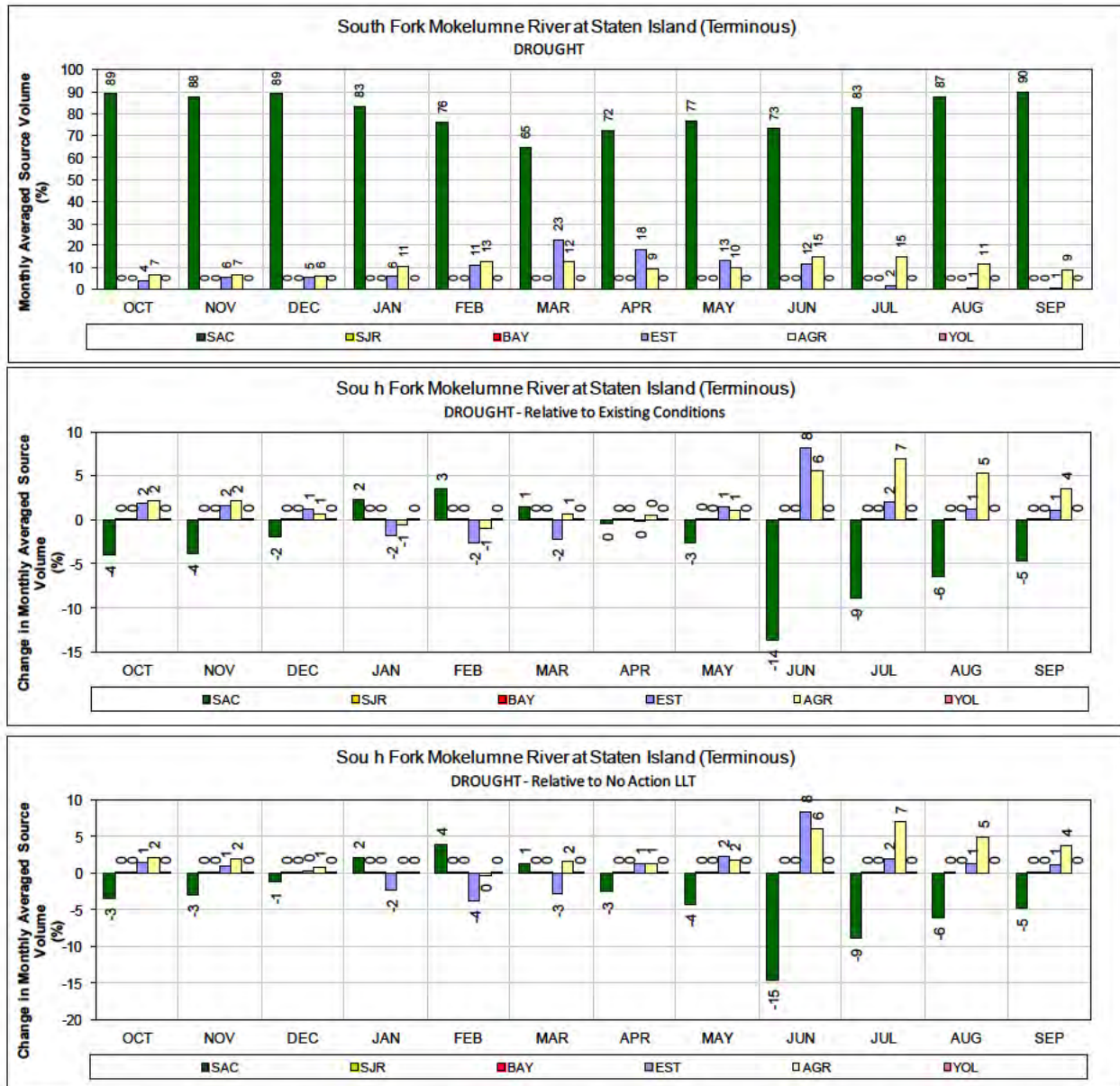


1 Figure 176. ALT 4 Scenario H4 – Jones Pumping Plant for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures)

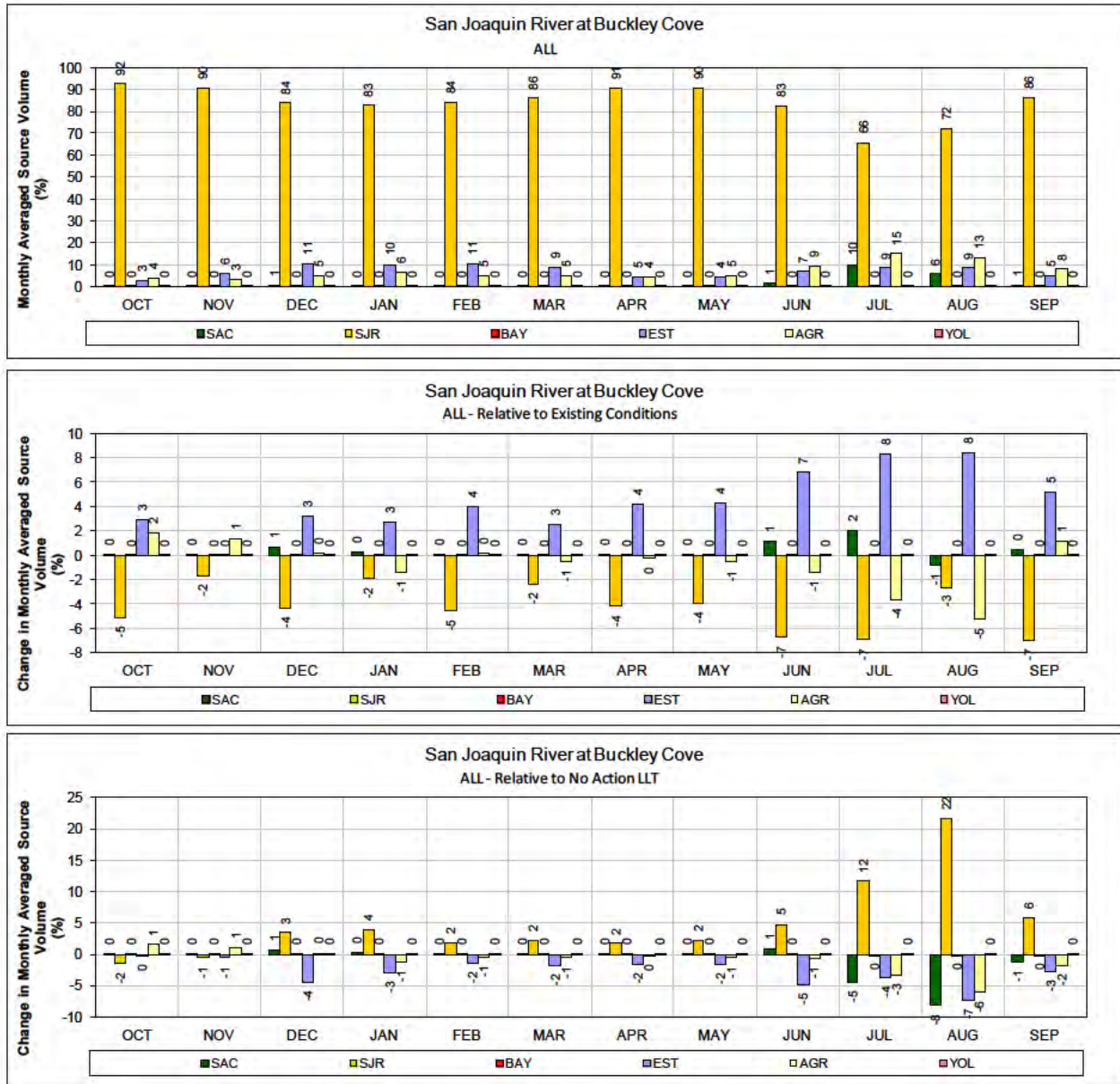
Alternative 5 LLT



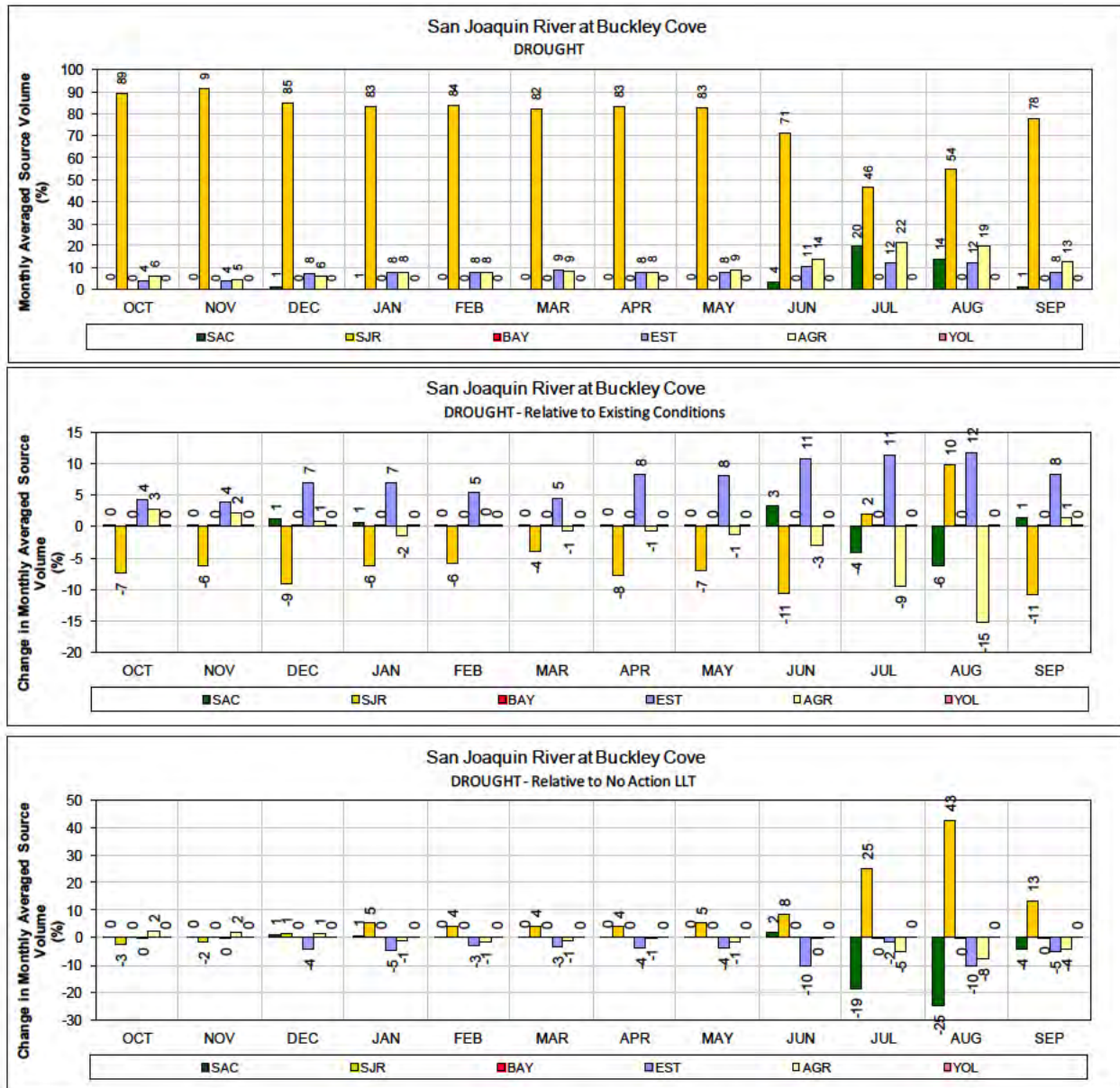
1 Figure 177. ALT 5 – Mokelumne River (South Fork) at Staten Island for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



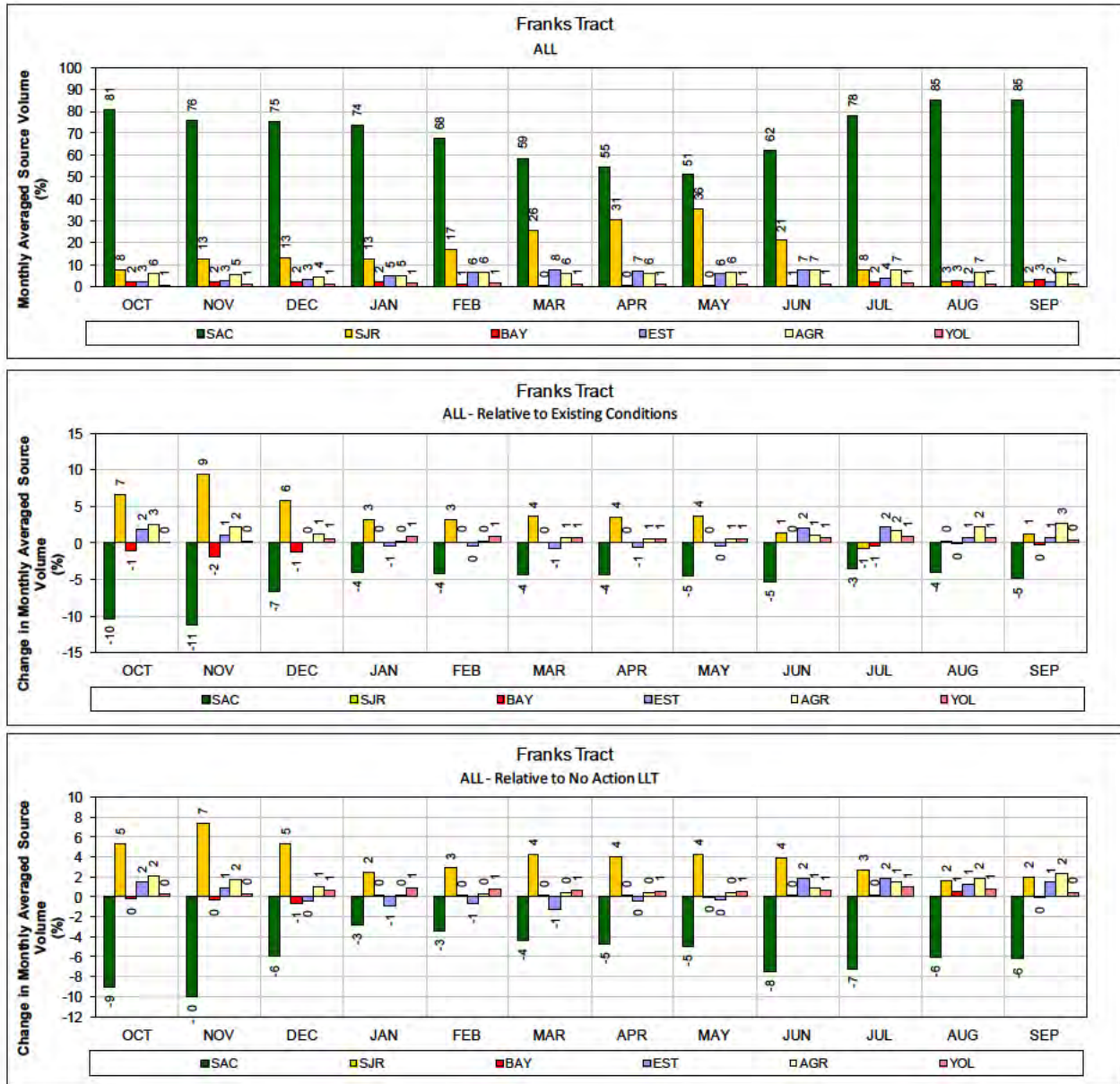
1 Figure 178. ALT 5 – Mokelumne River (South Fork) at Staten Island for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



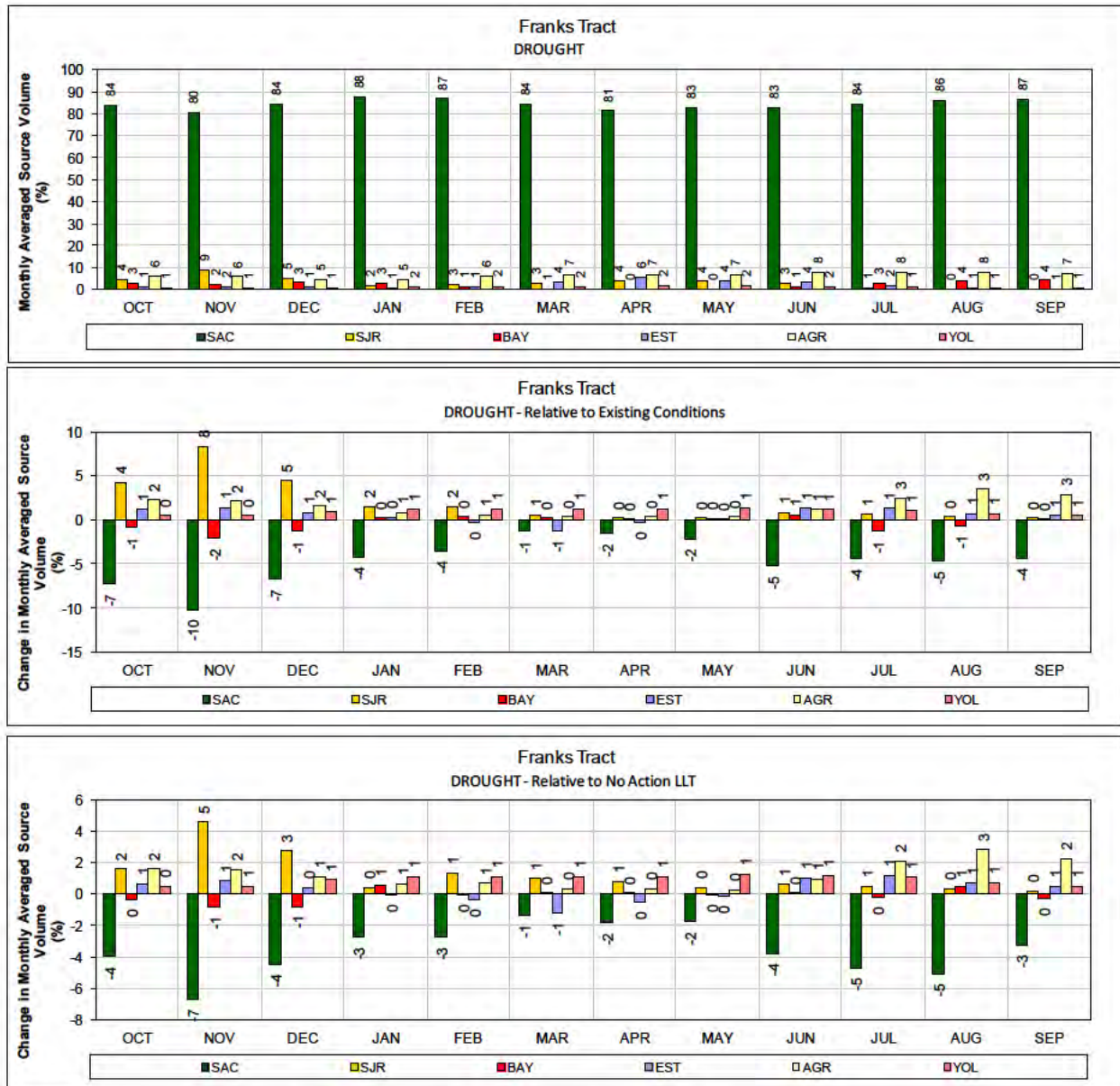
1 Figure 179. ALT 5 – San Joaquin River at Buckley Cove for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



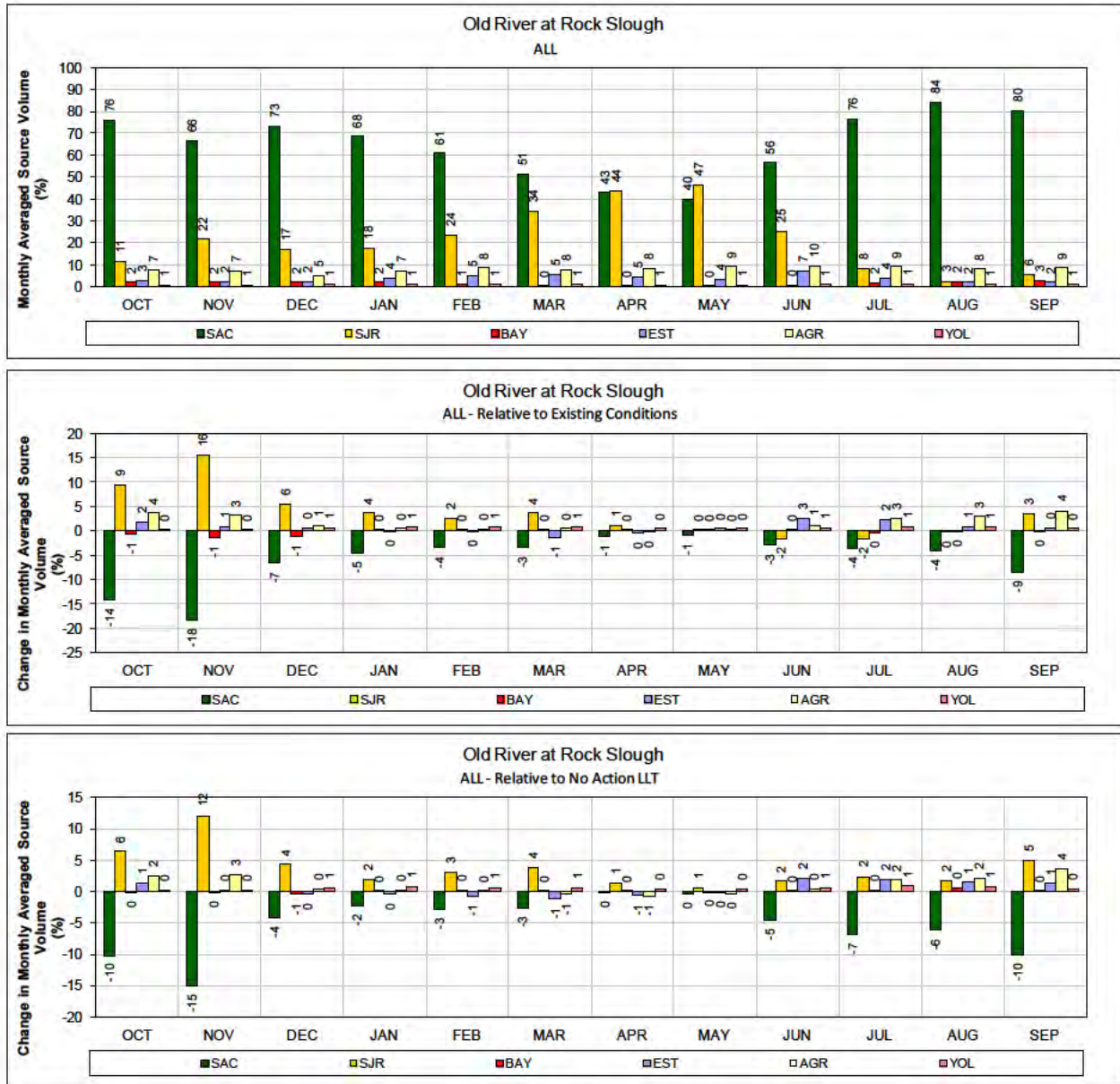
1 **Figure 180. ALT 5 – San Joaquin River at Buckley Cove for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



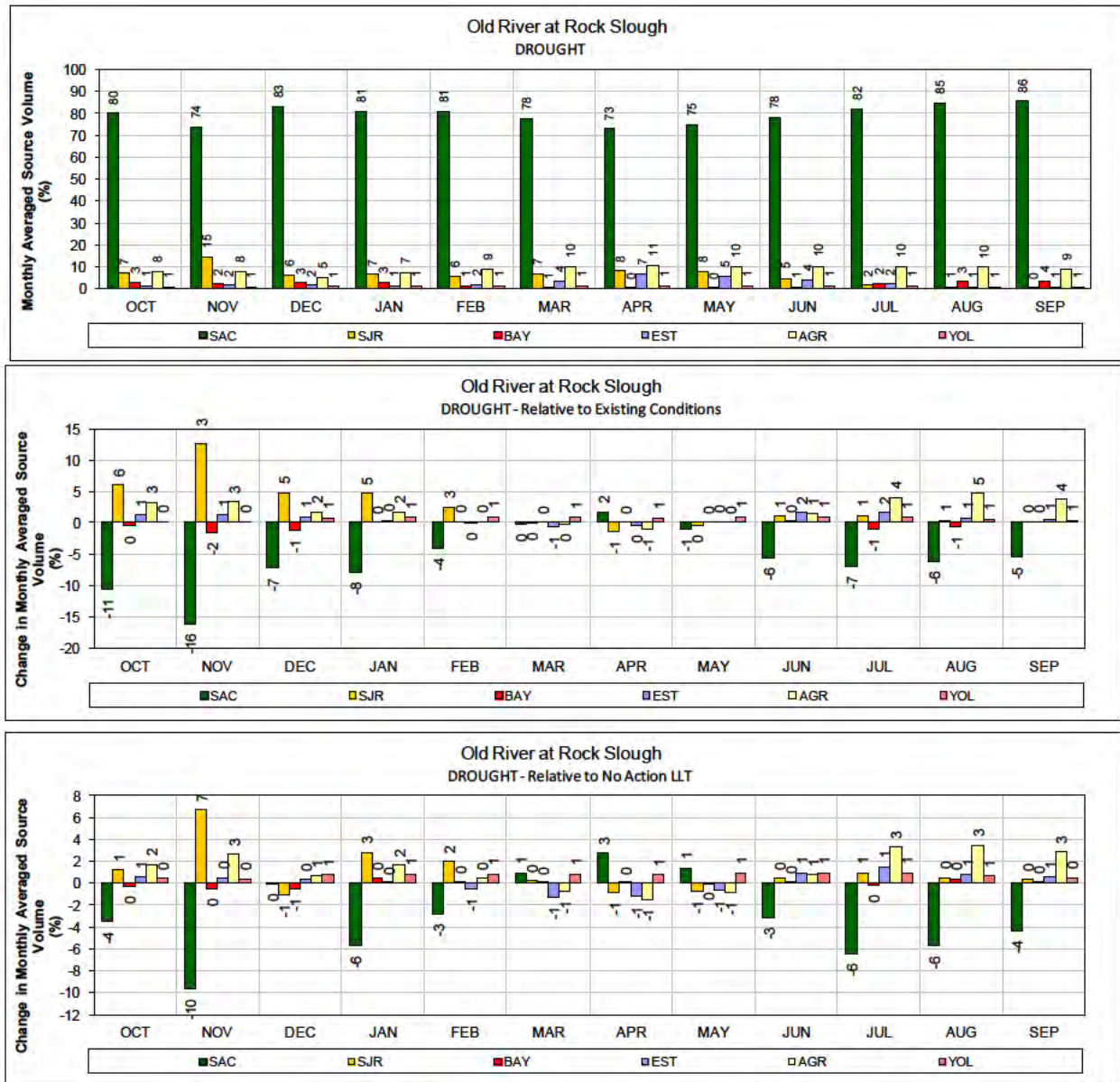
1 Figure 181. ALT 5 – Franks Tract for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



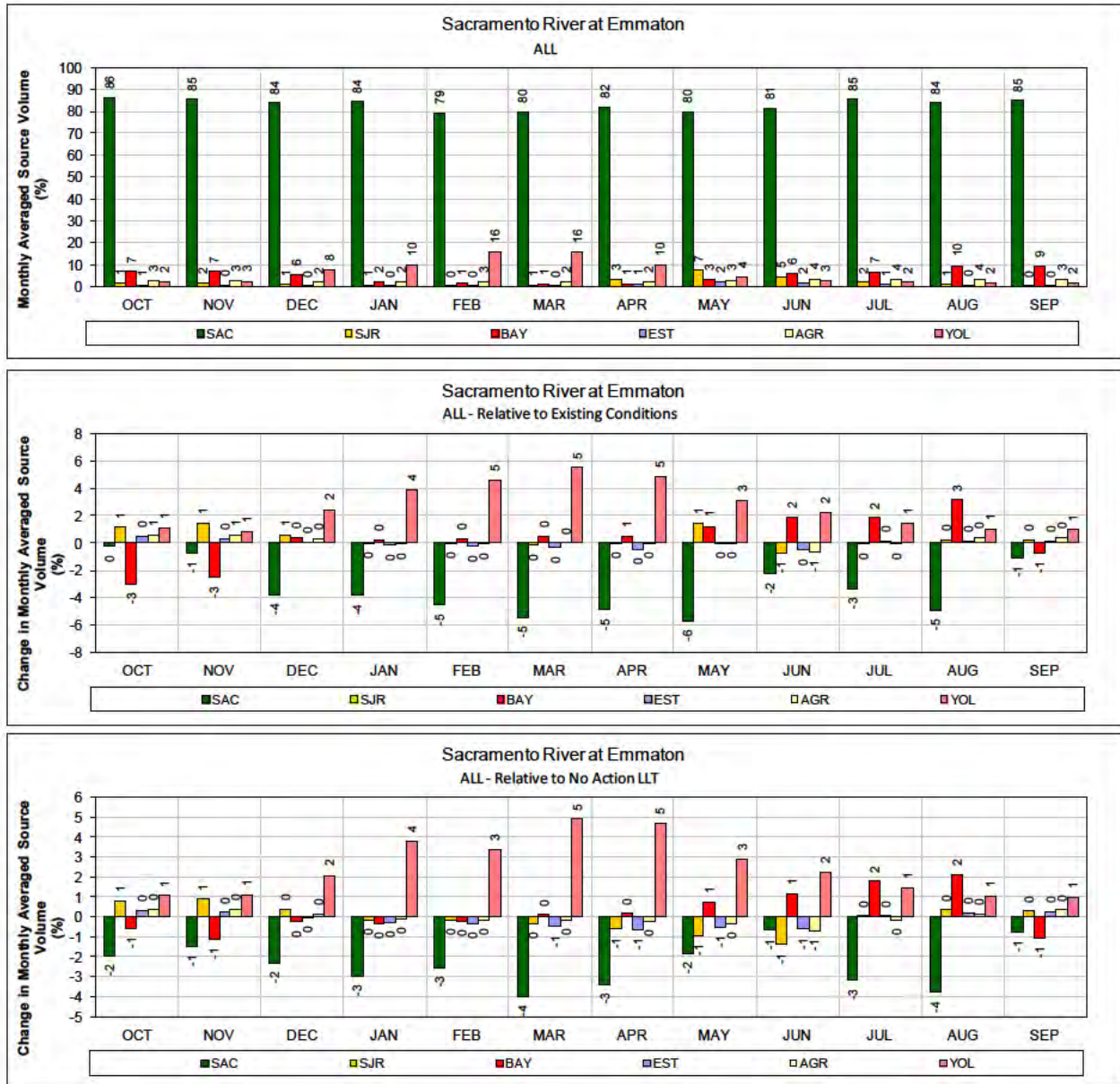
1 Figure 182. ALT 5 – Franks Tract for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



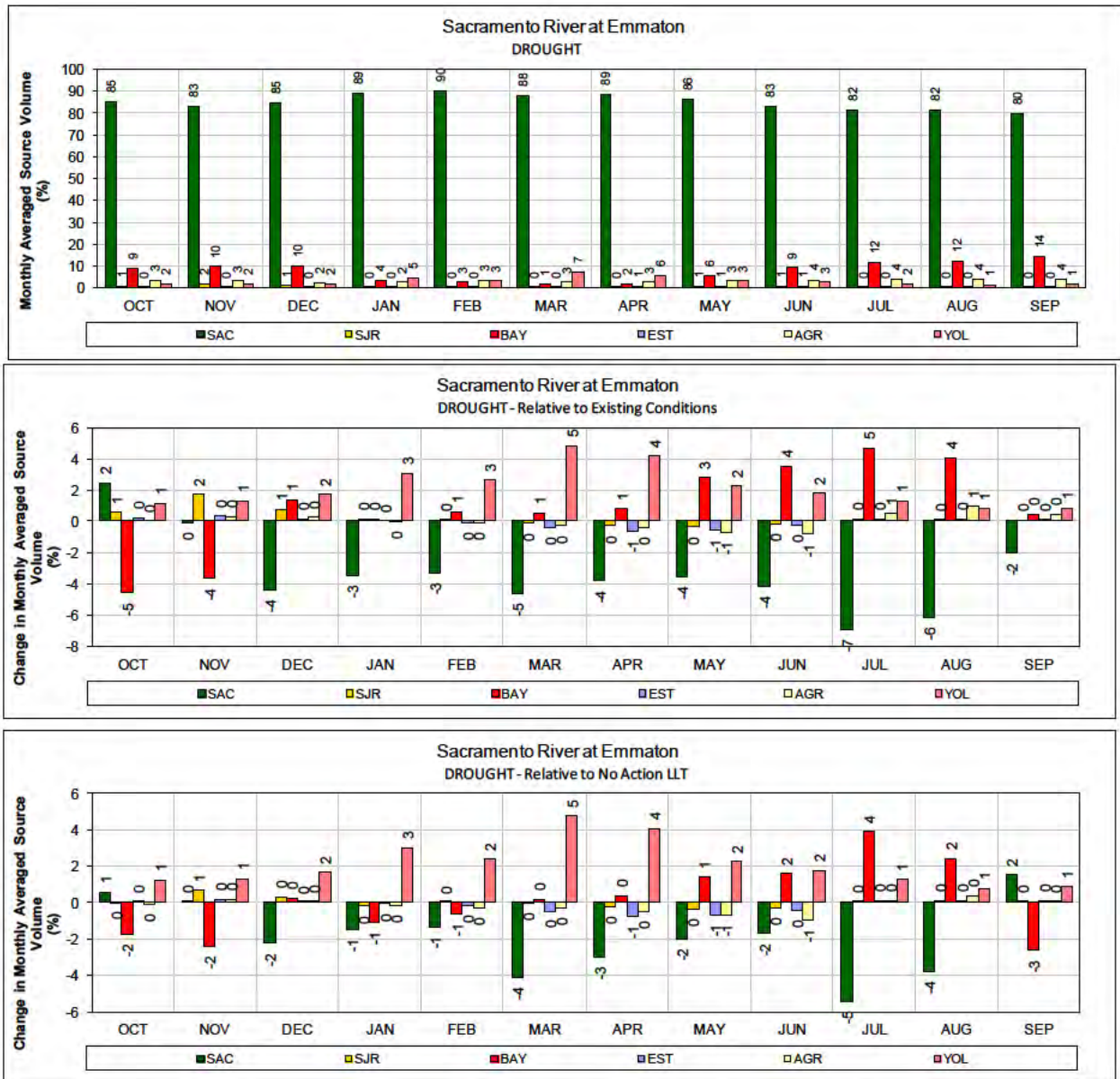
- 1 Figure 183. ALT 5 – Old River at Rock Slough for ALL years (1976-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).
- 3



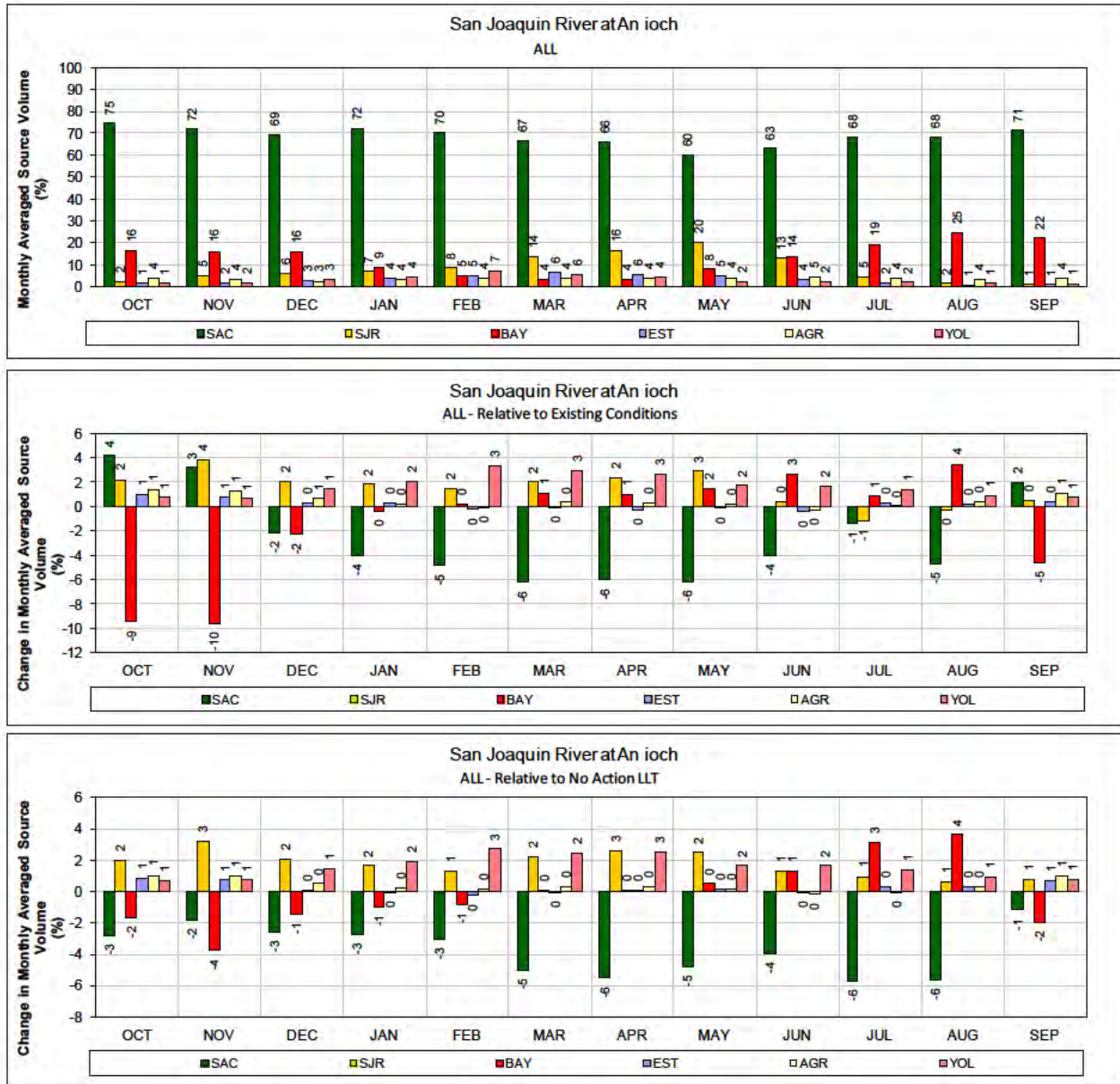
- 1 Figure 184. ALT 5 – Old River at Rock Slough for DROUGHT years (1987-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
- 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



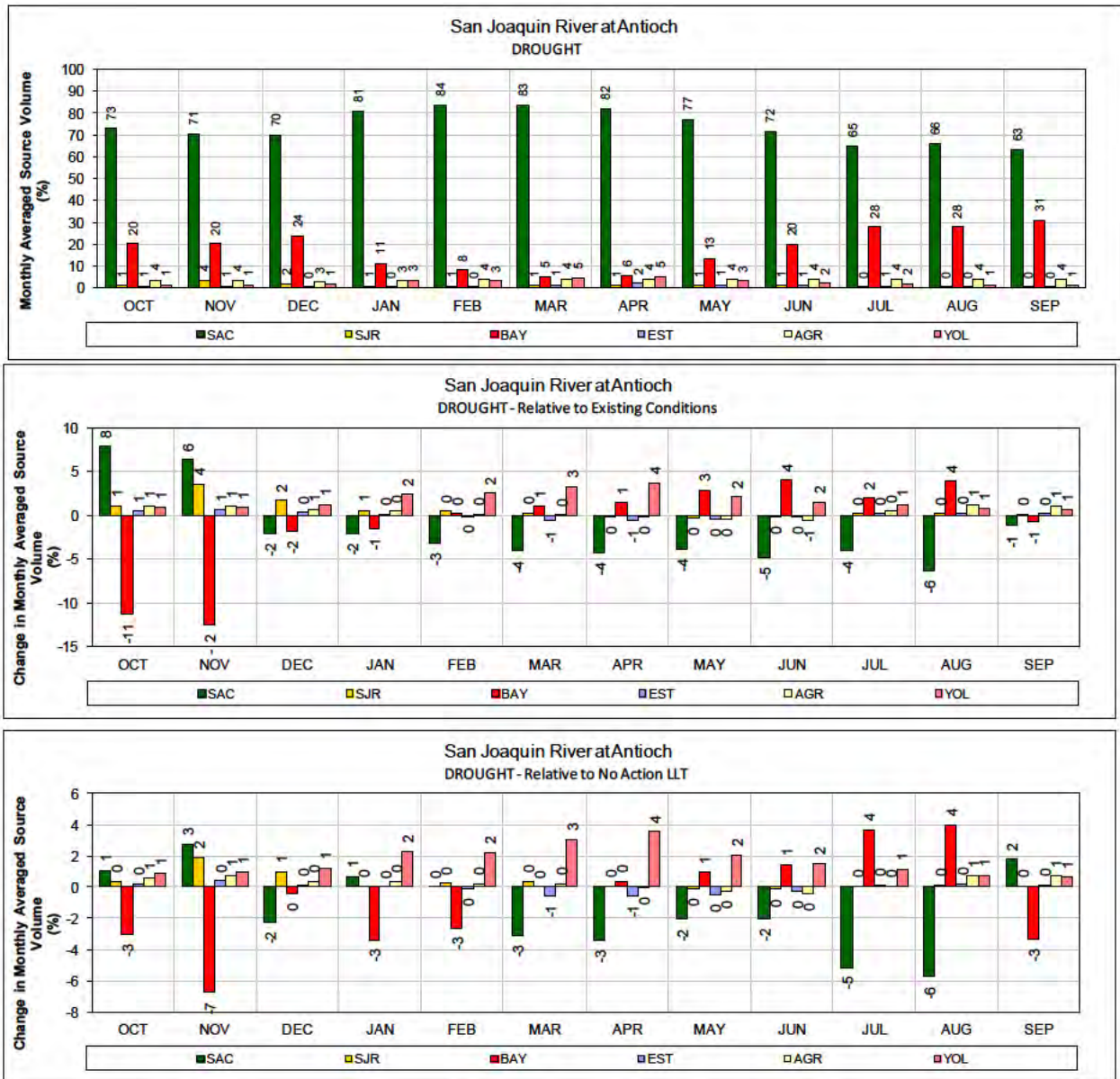
1 Figure 185. ALT 5 – Sacramento River at Emmaton for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



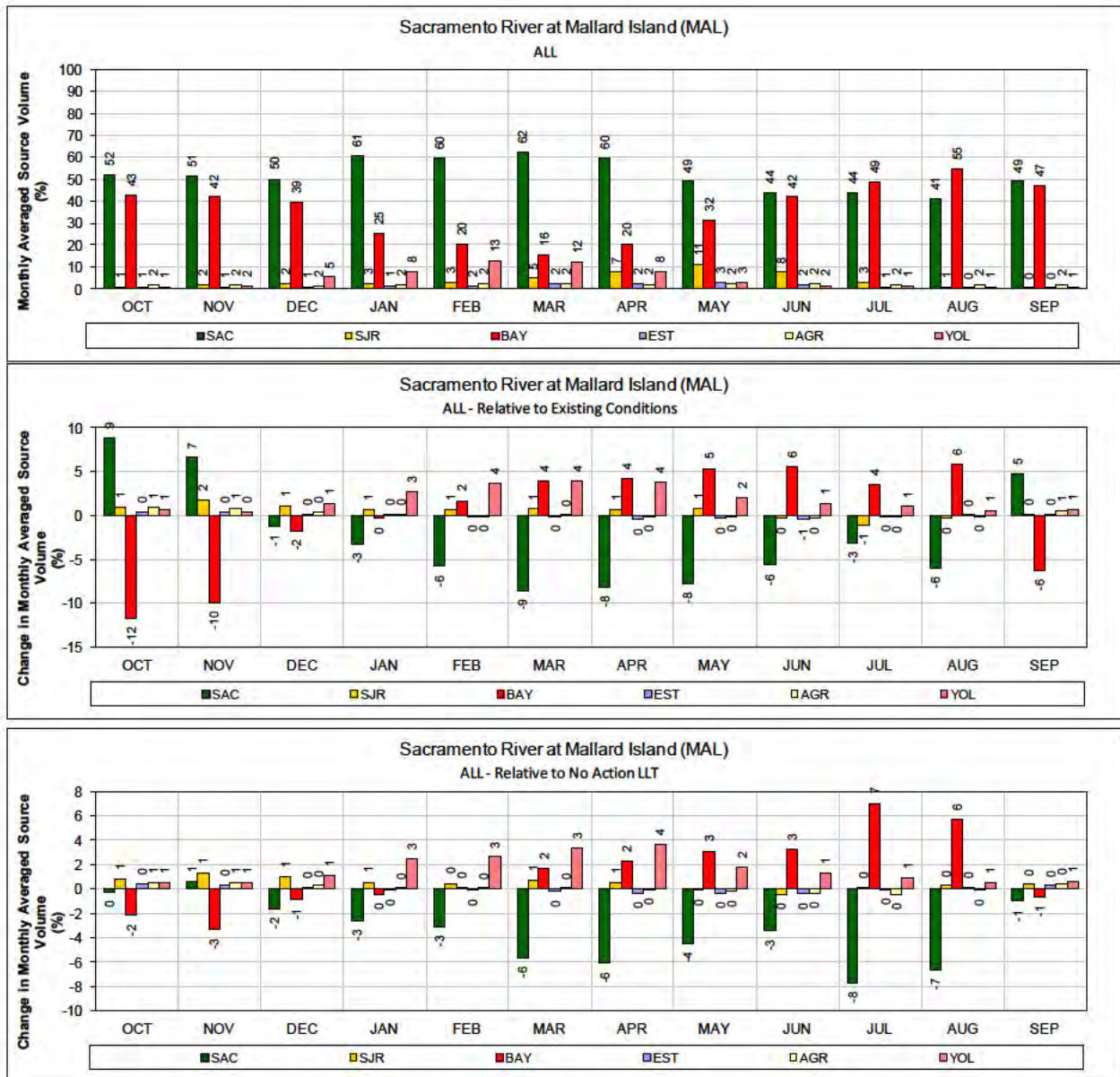
1 Figure 186. ALT 5 – Sacramento River at Emmaton for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



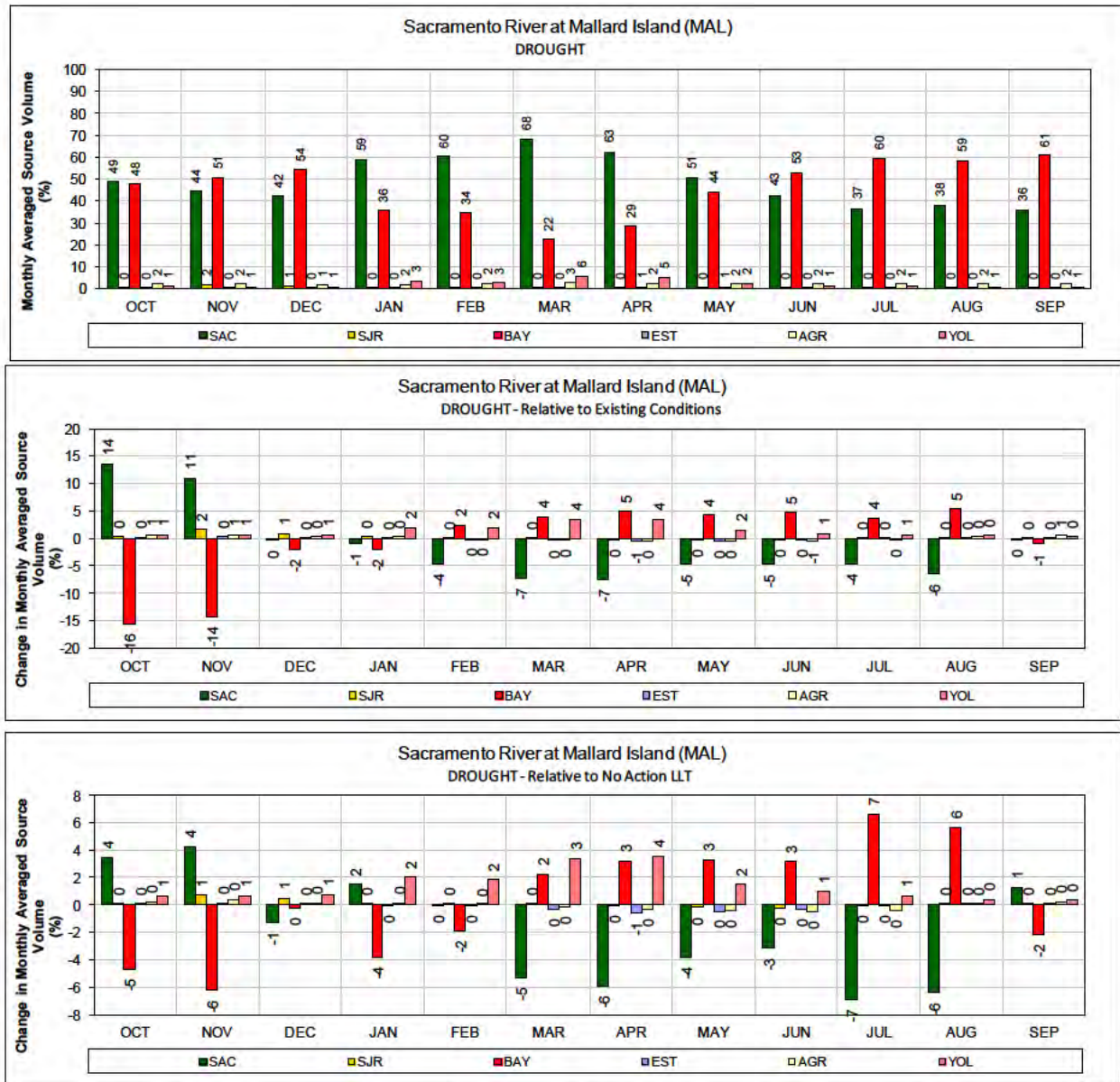
1 Figure 187. ALT 5 – San Joaquin River at Antioch for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



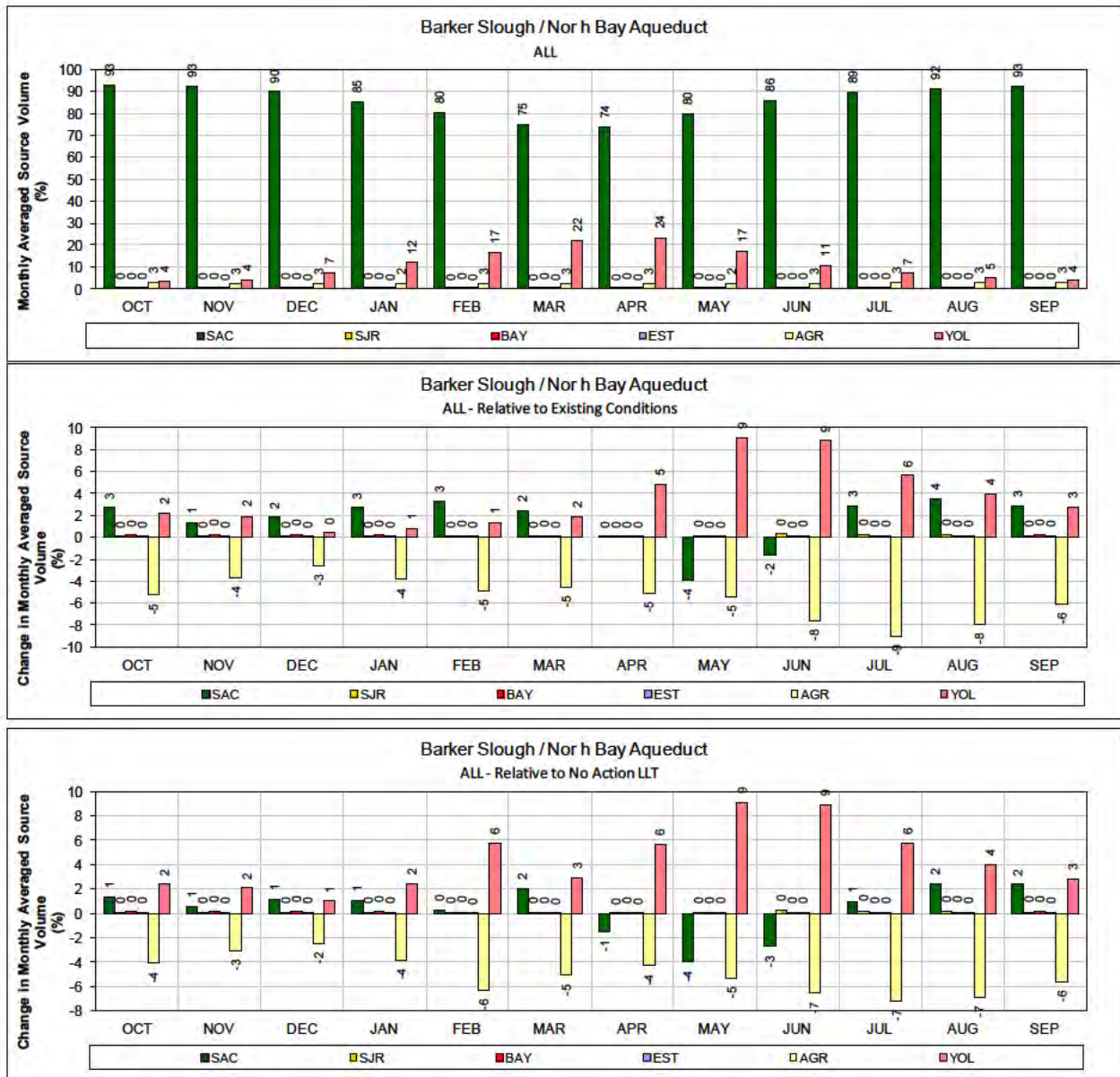
1 Figure 188. ALT 5 – San Joaquin River at Antioch for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



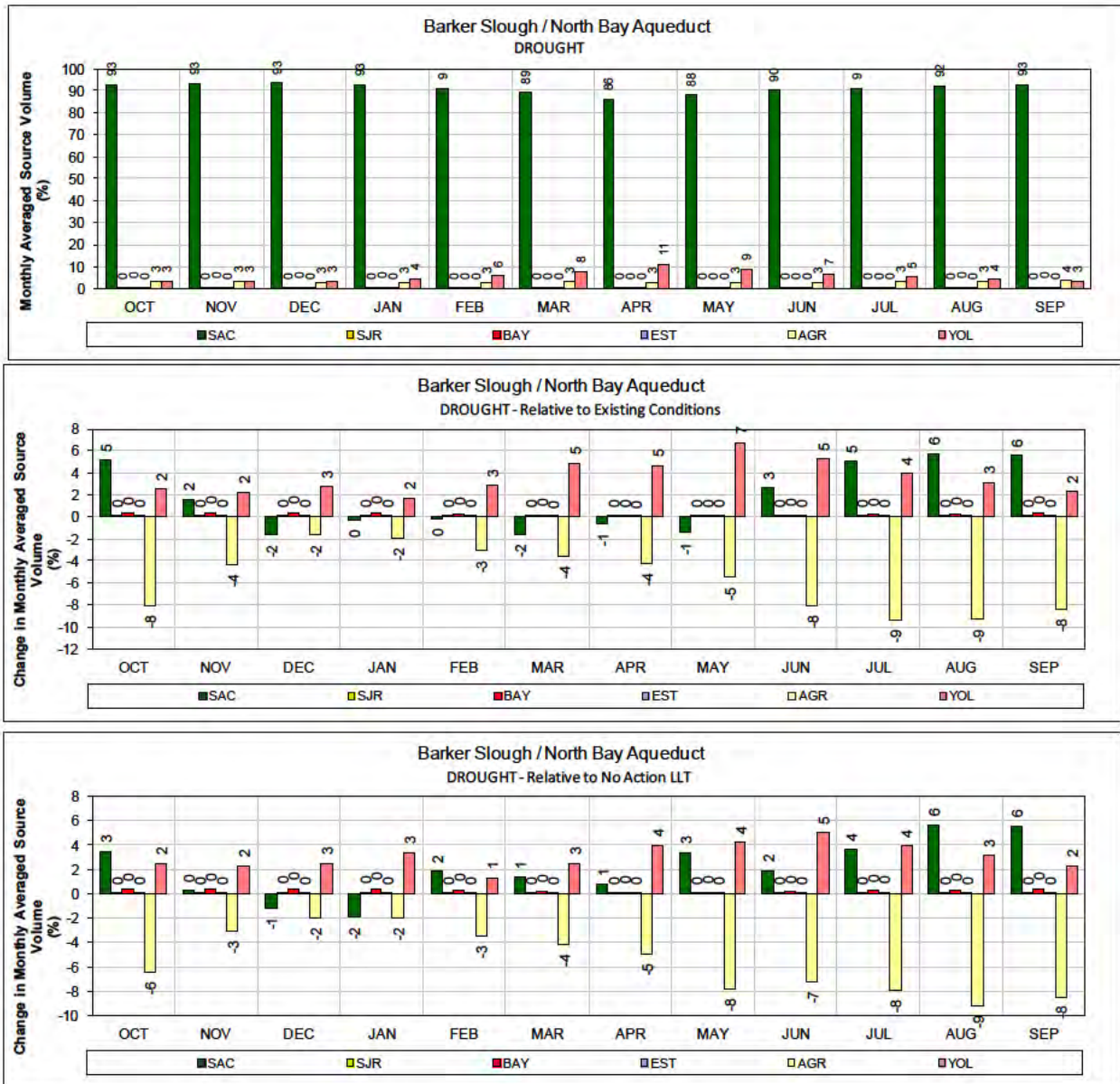
1 Figure 189. ALT 5 – Sacramento River at Mallard Island for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



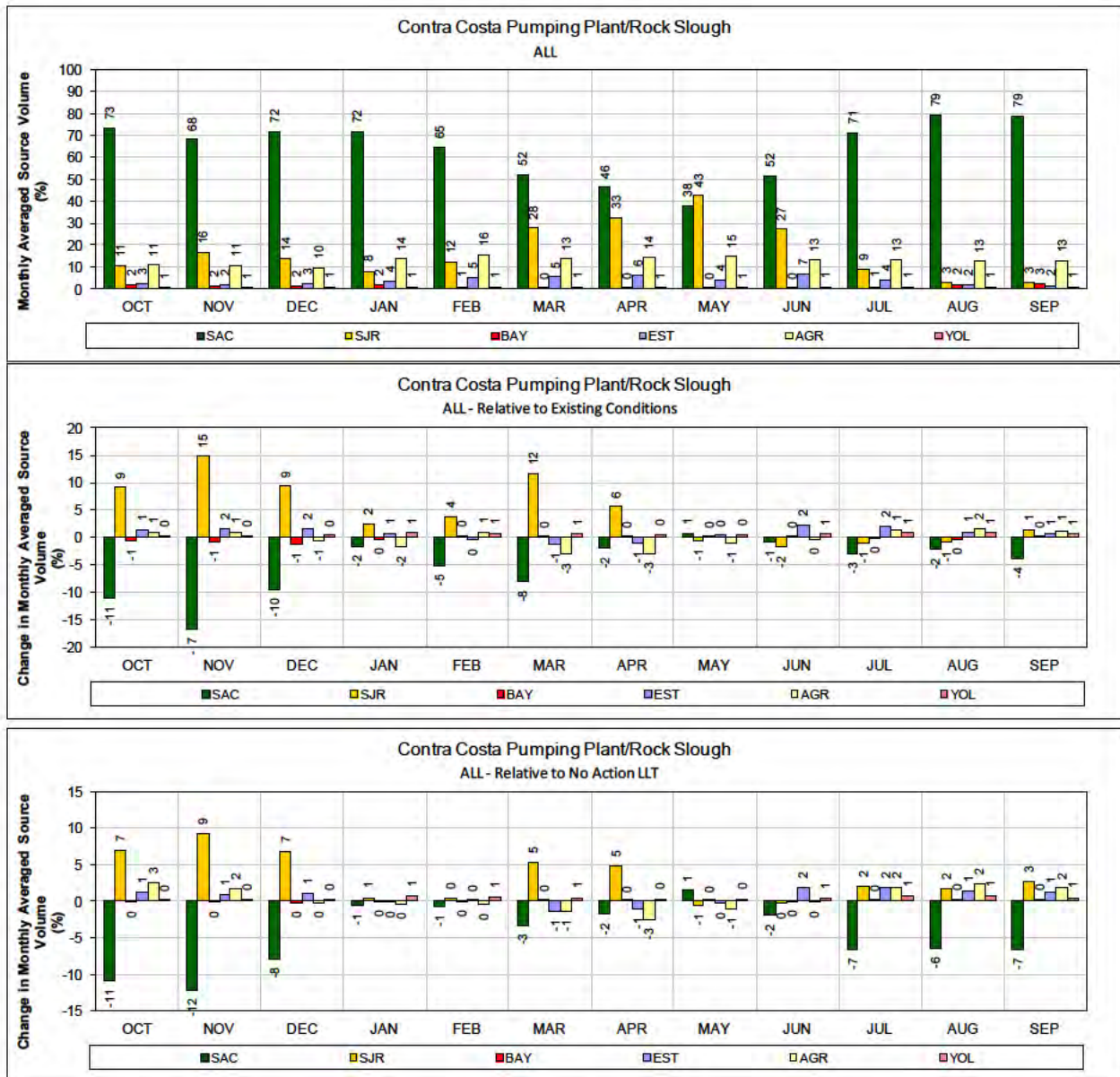
1 Figure 190. ALT 5 – Sacramento River at Mallard Island for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



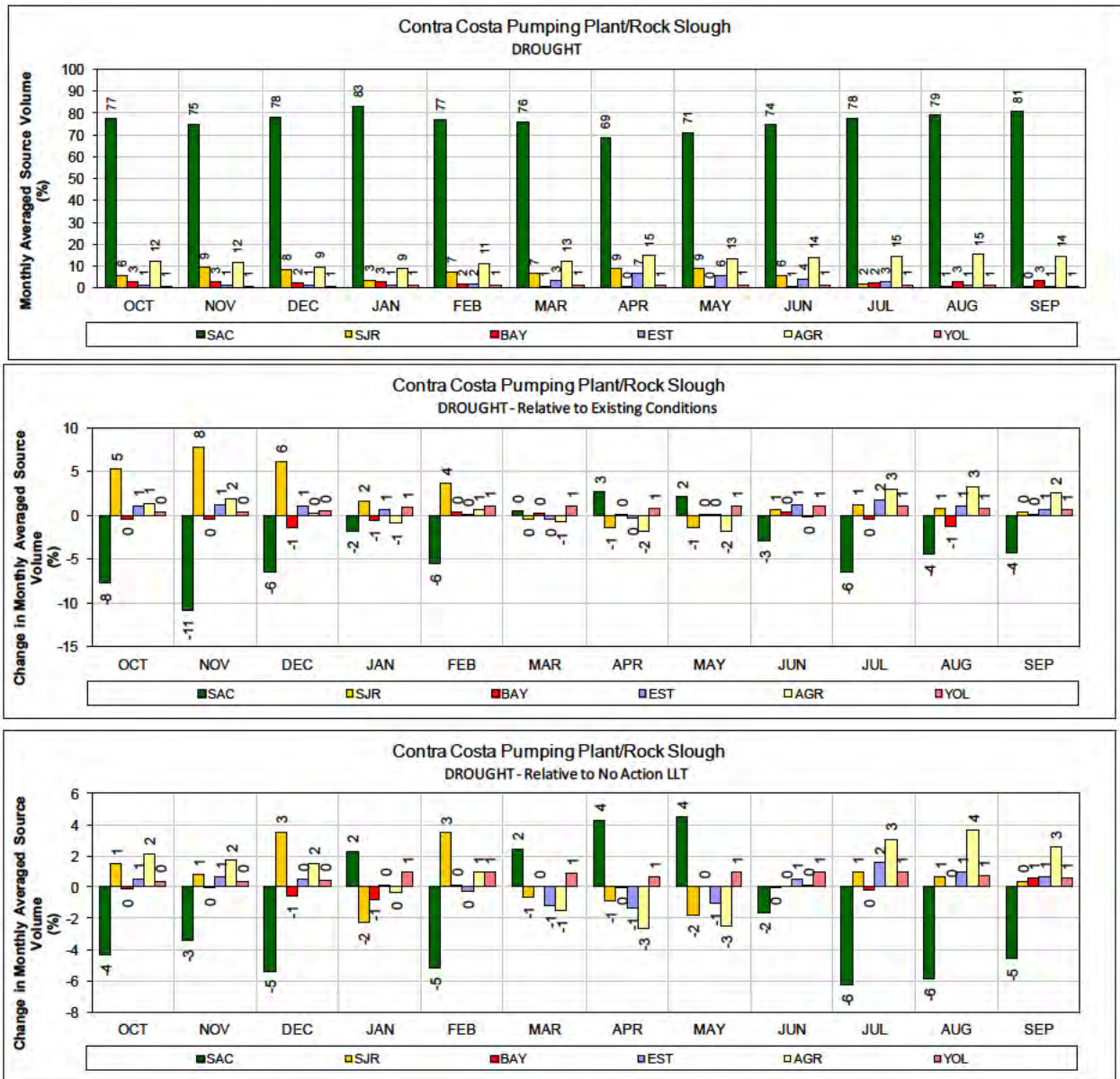
1 Figure 191. ALT 5 – North Bay Aqueduct at Barker Slough Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



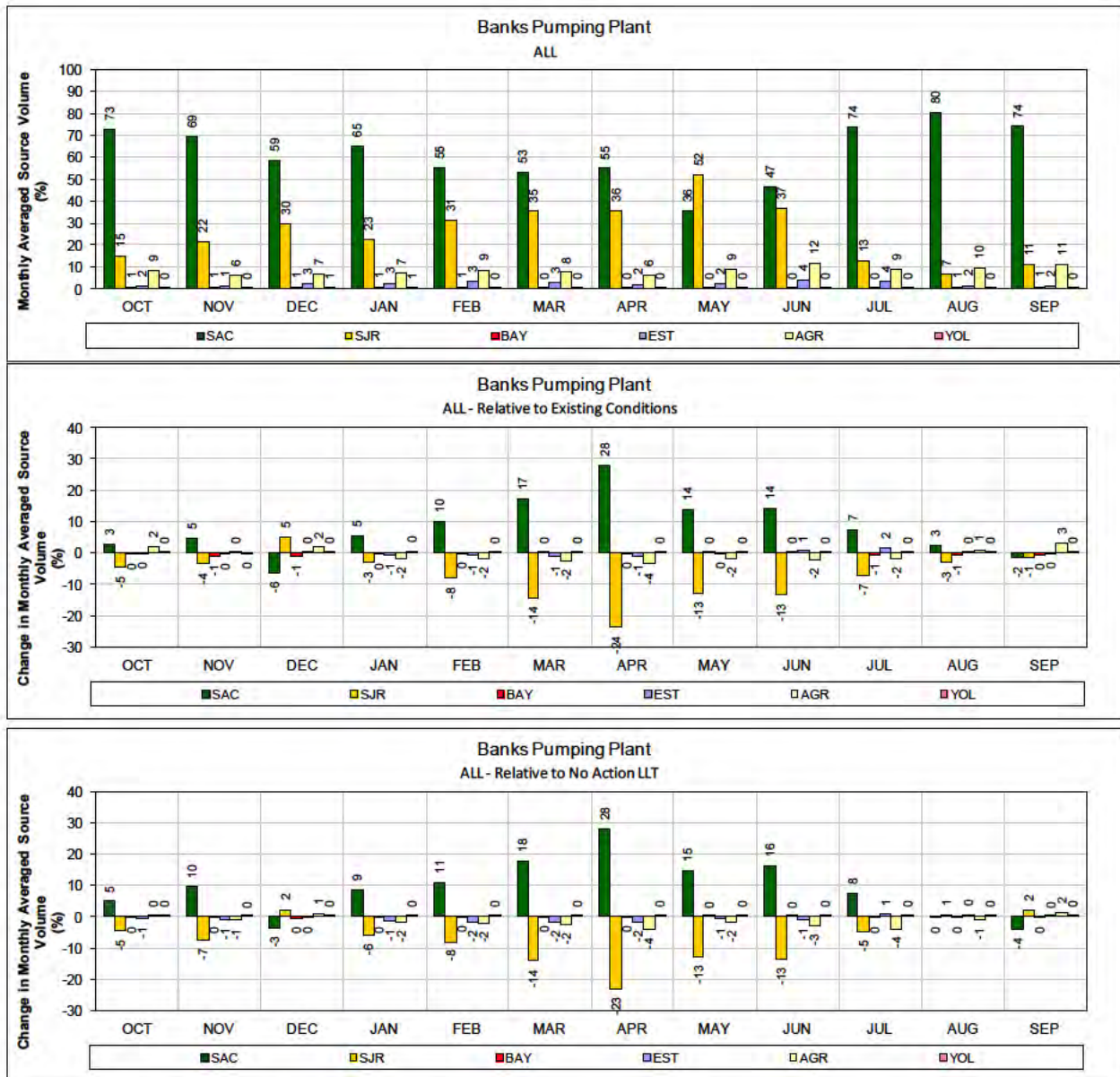
1 Figure 192. ALT 5 – North Bay Aqueduct at Barker Slough Pumping Plant for DROUGHT years
 2 (1987-1991)
 3 Monthly average source volume (top figure) and change in monthly average source volume relative to
 4 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



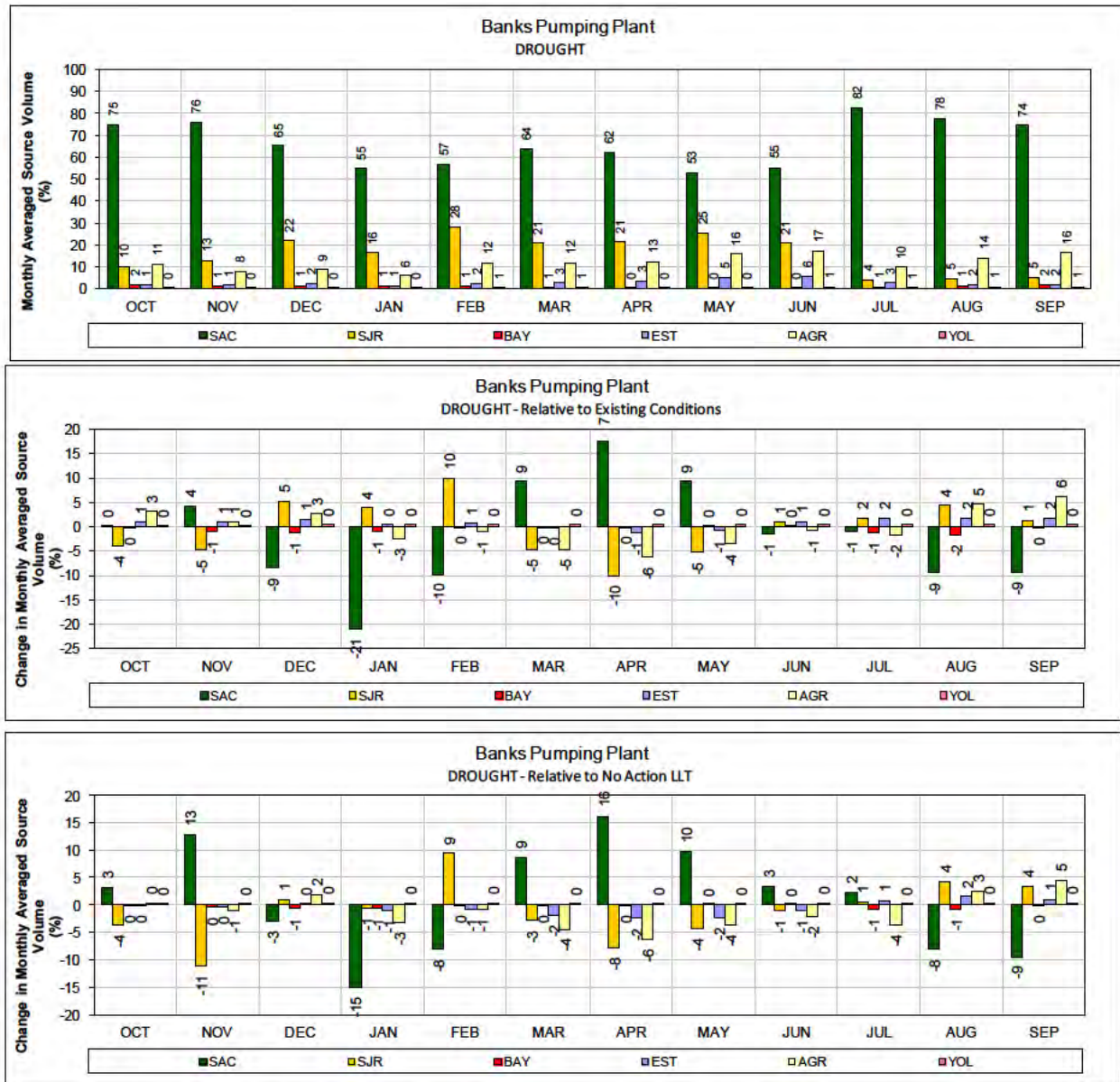
1 **Figure 193. ALT 5 – Contra Costa Pumping Plant #1 for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



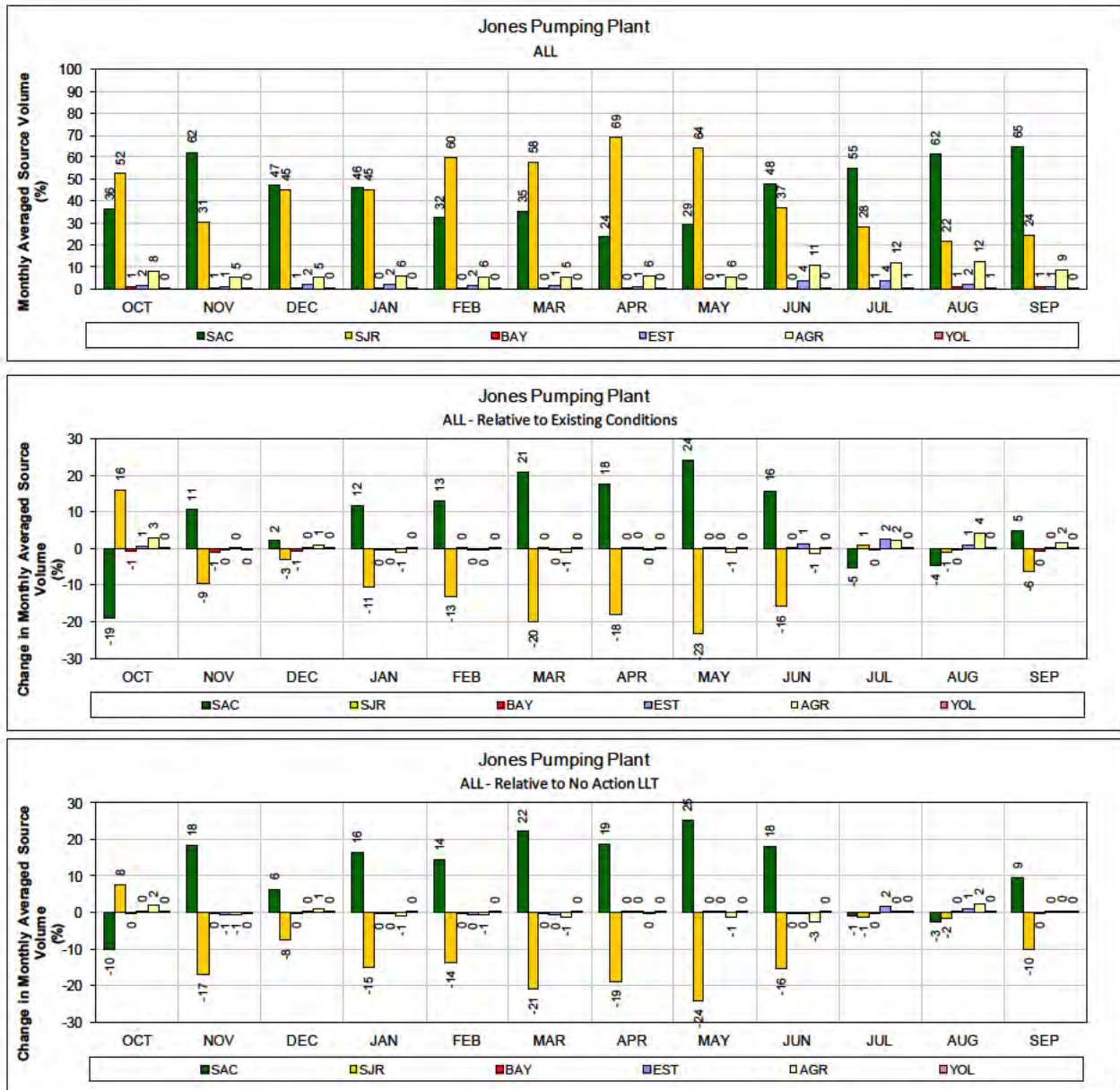
1 Figure 194. ALT 5 – Contra Costa Pumping Plant #1 for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



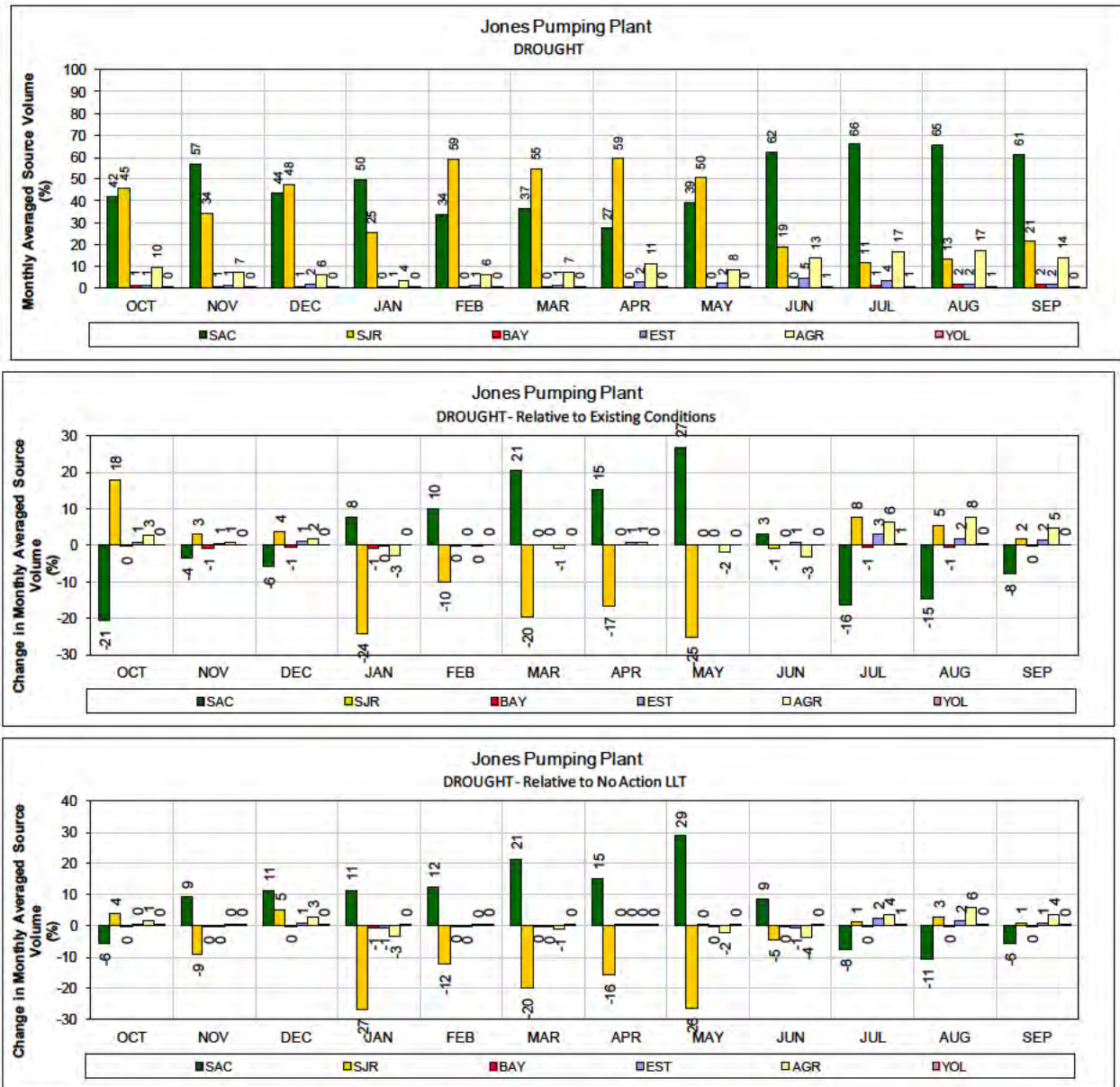
- 1 Figure 195. ALT 5 – Banks Pumping Plant for ALL years (1976-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).
- 3



1 Figure 196. ALT 5 – Banks Pumping Plant for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).

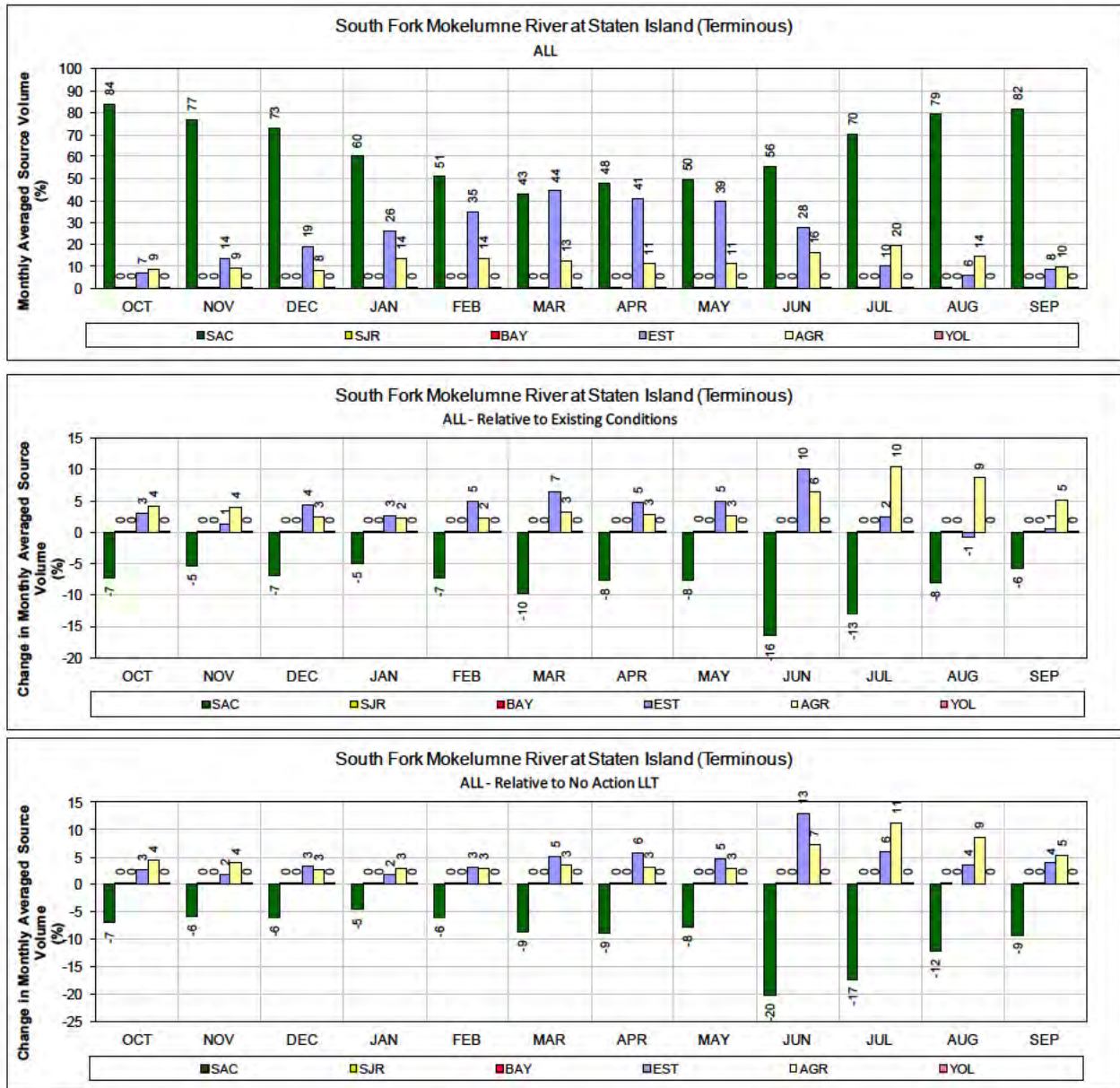


1 Figure 197. ALT 5 – Jones Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).

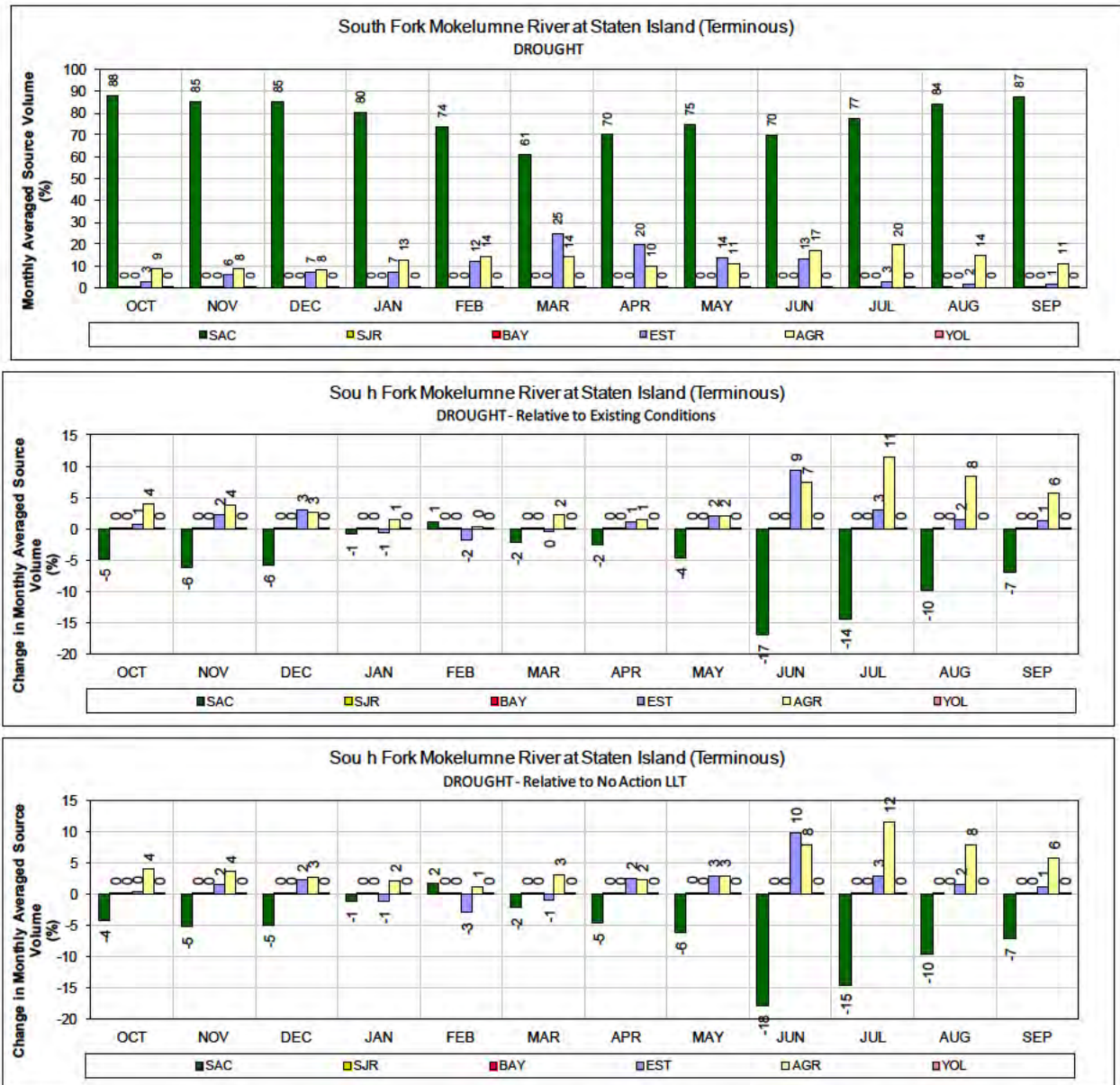


1 Figure 198. ALT 5 – Jones Pumping Plant for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).

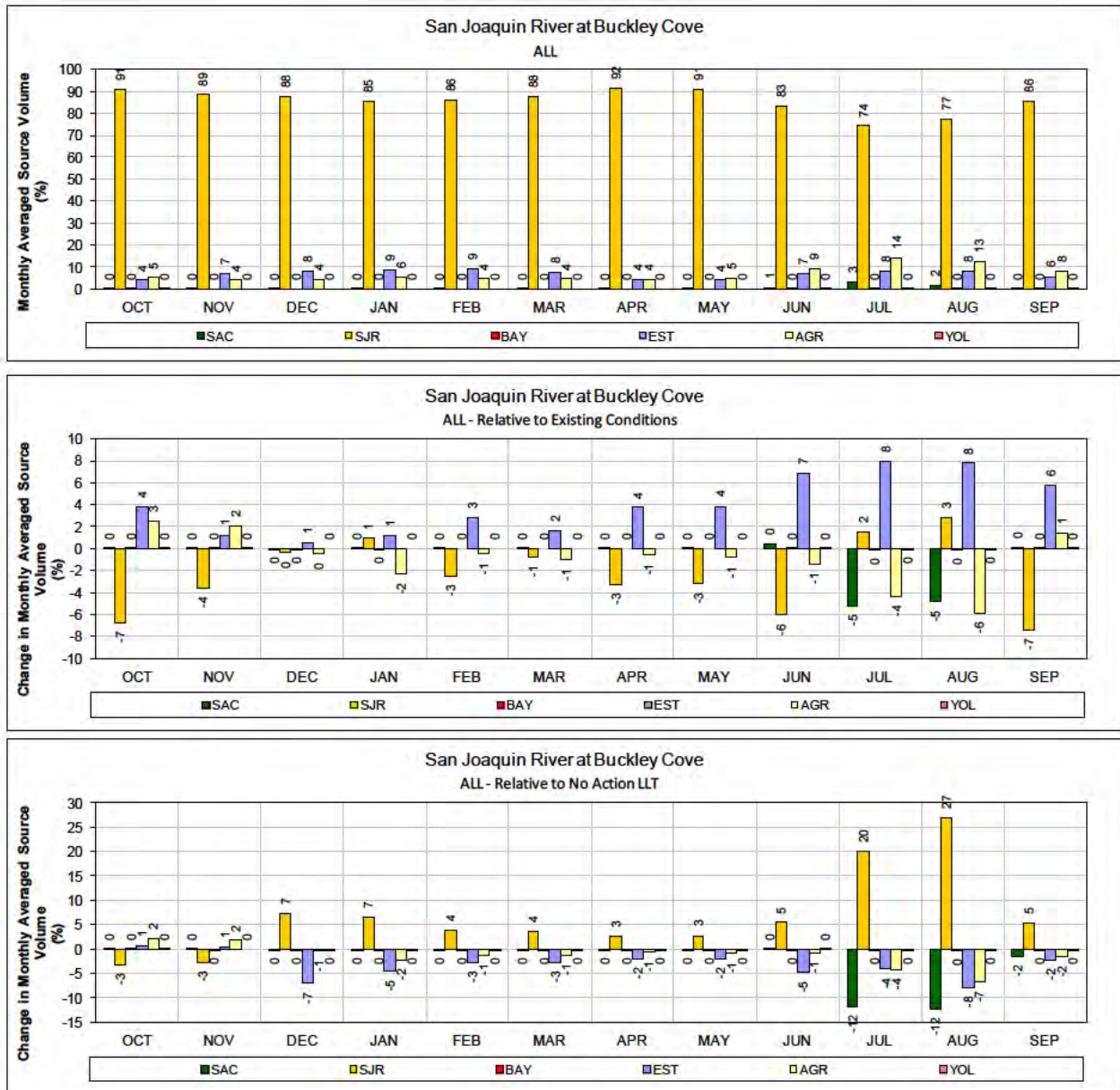
Alternative 6 LLT



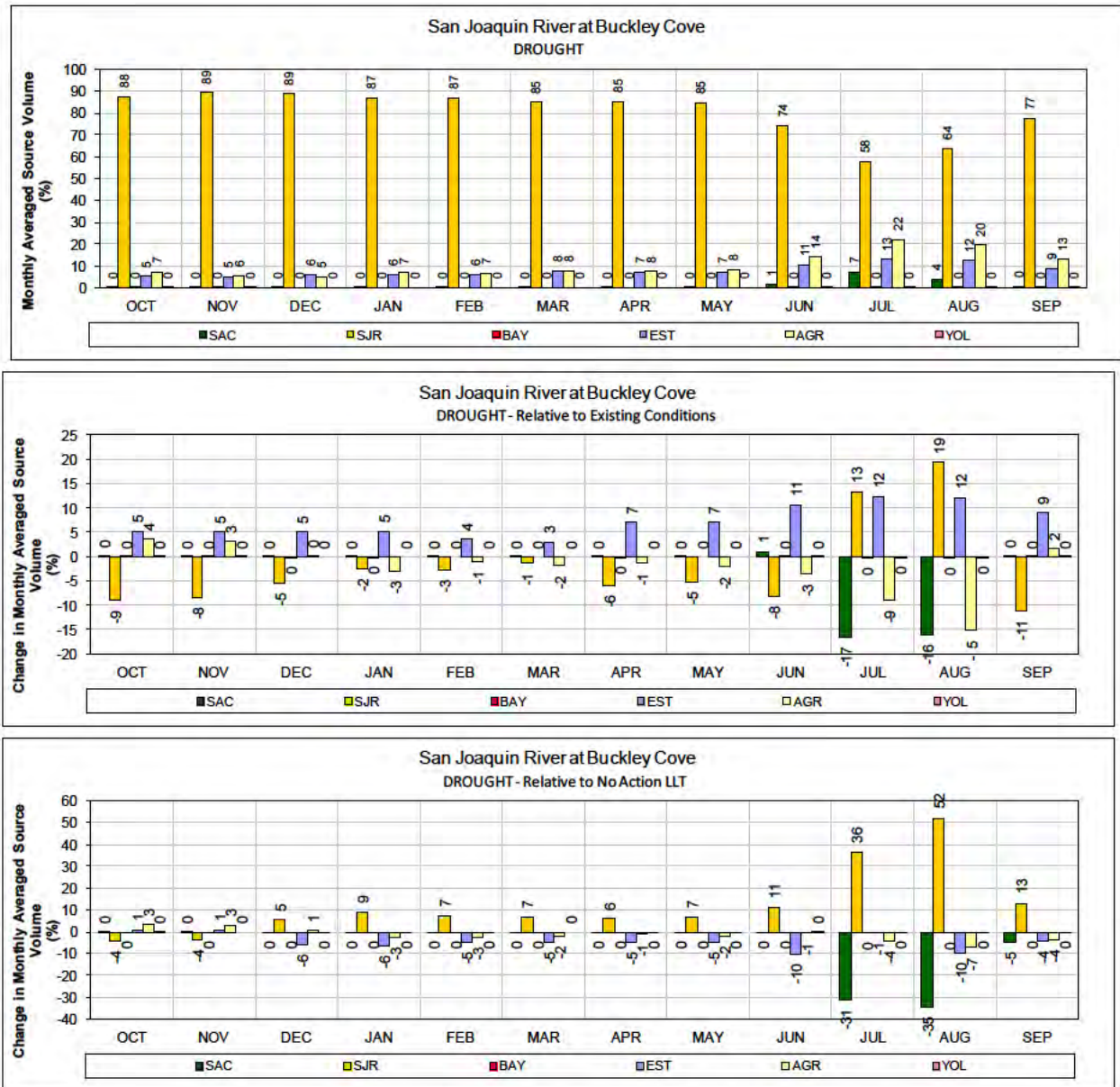
1 Figure 199. ALT 6 – Mokelumne River (South Fork) at Staten Island for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



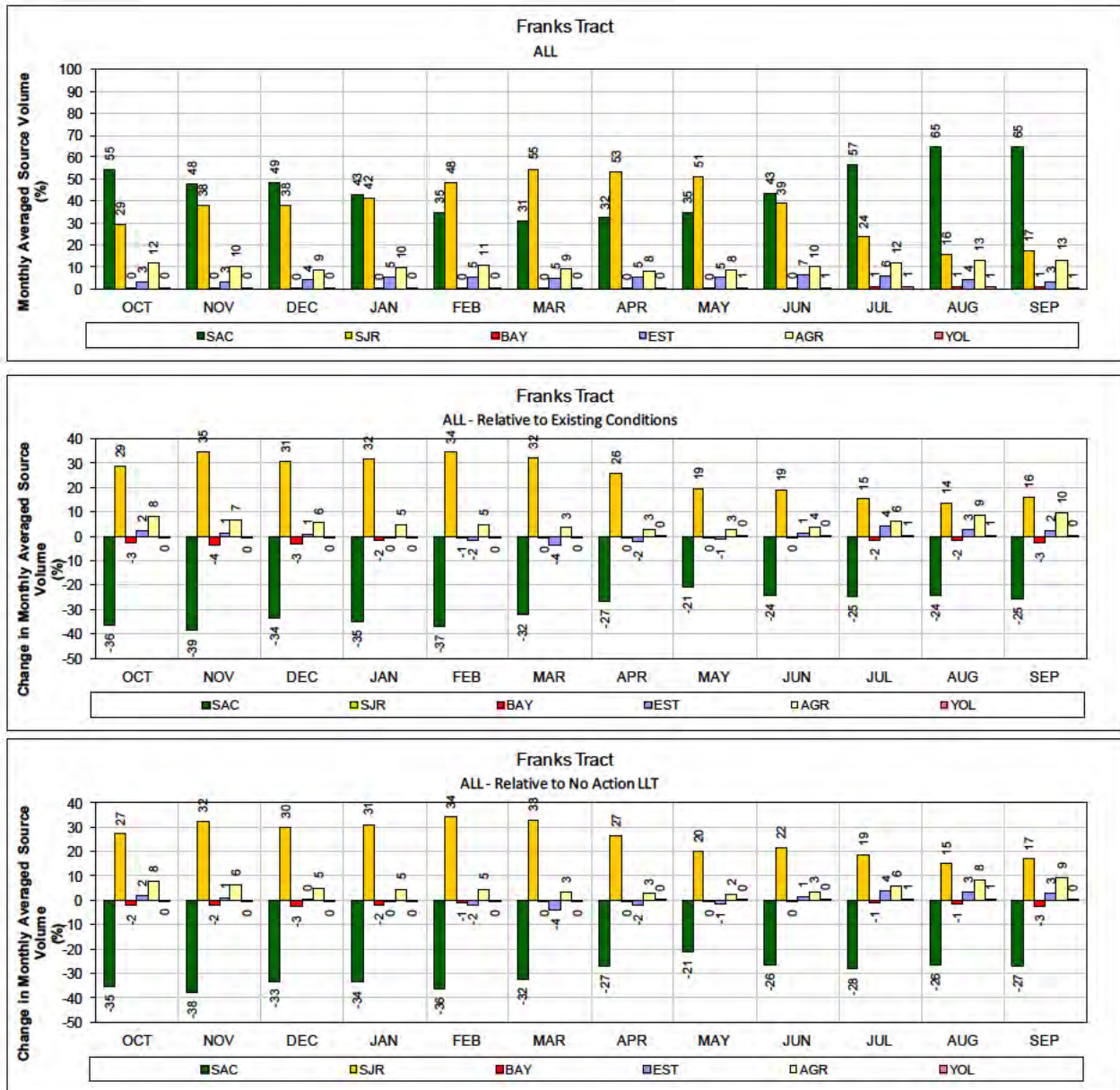
1 Figure 200. ALT 6 – Mokelumne River (South Fork) at Staten Island for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



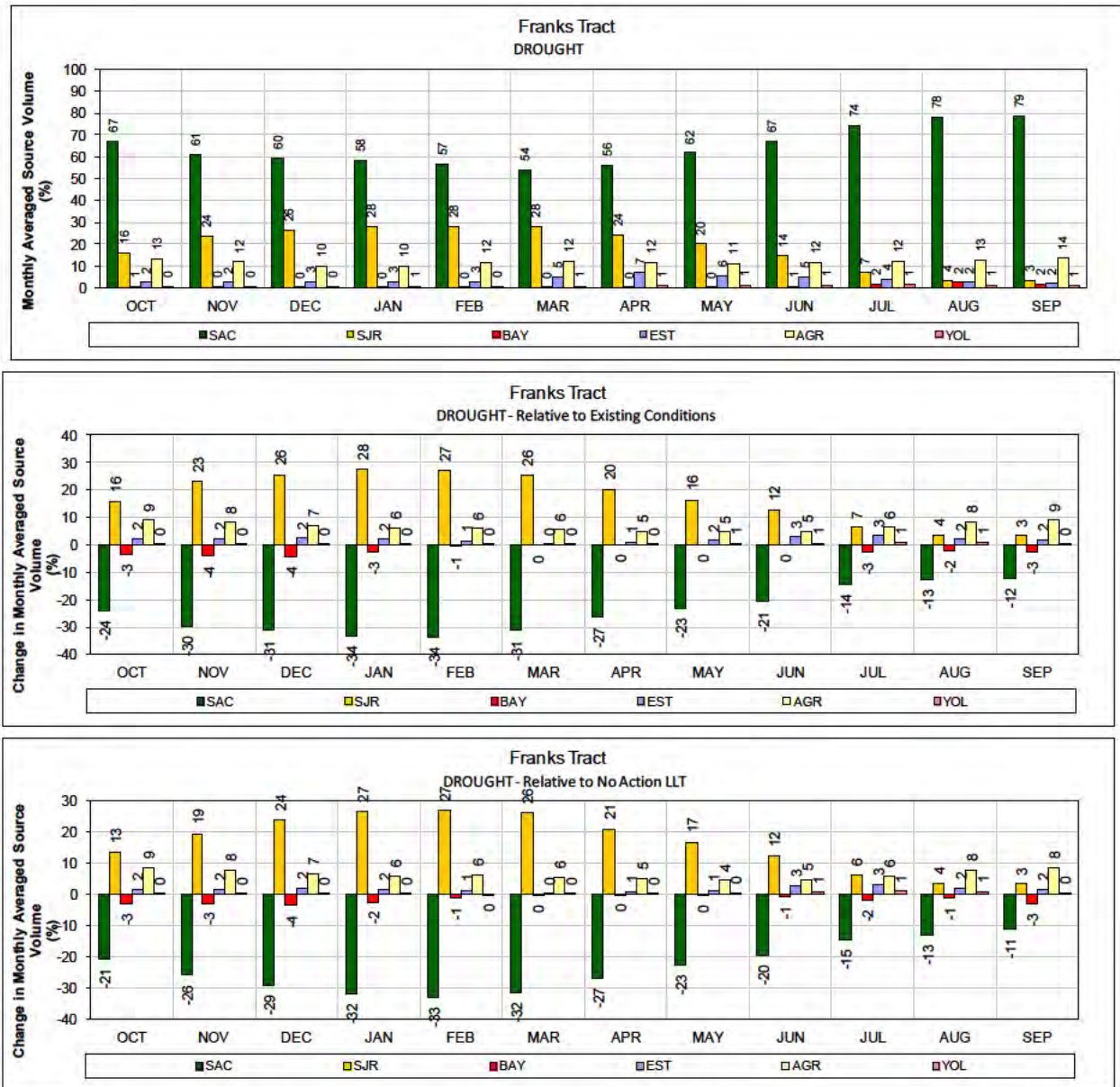
1 Figure 201. ALT 6 – San Joaquin River at Buckley Cove for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



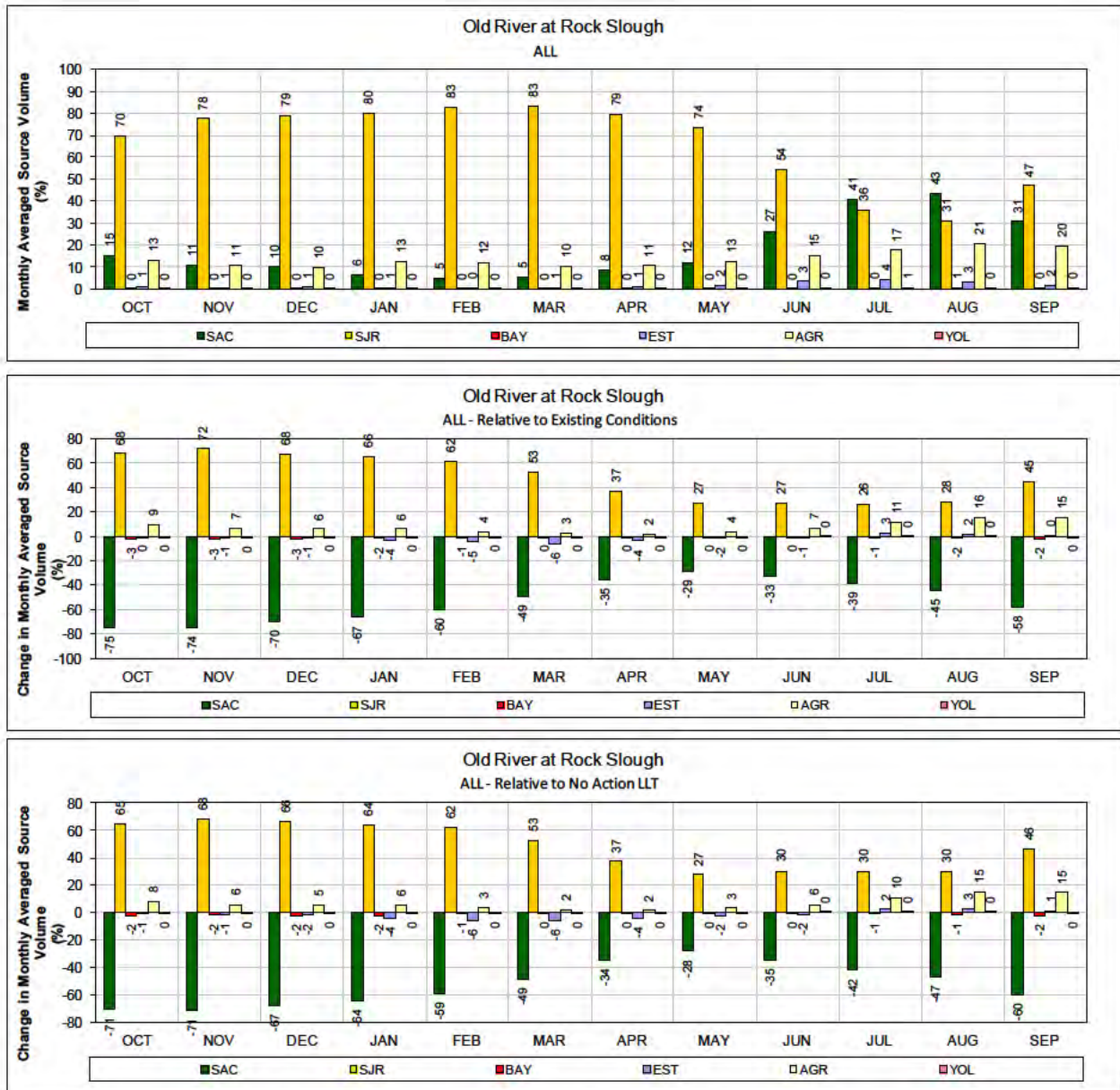
1 Figure 202. ALT 6 – San Joaquin River at Buckley Cove for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



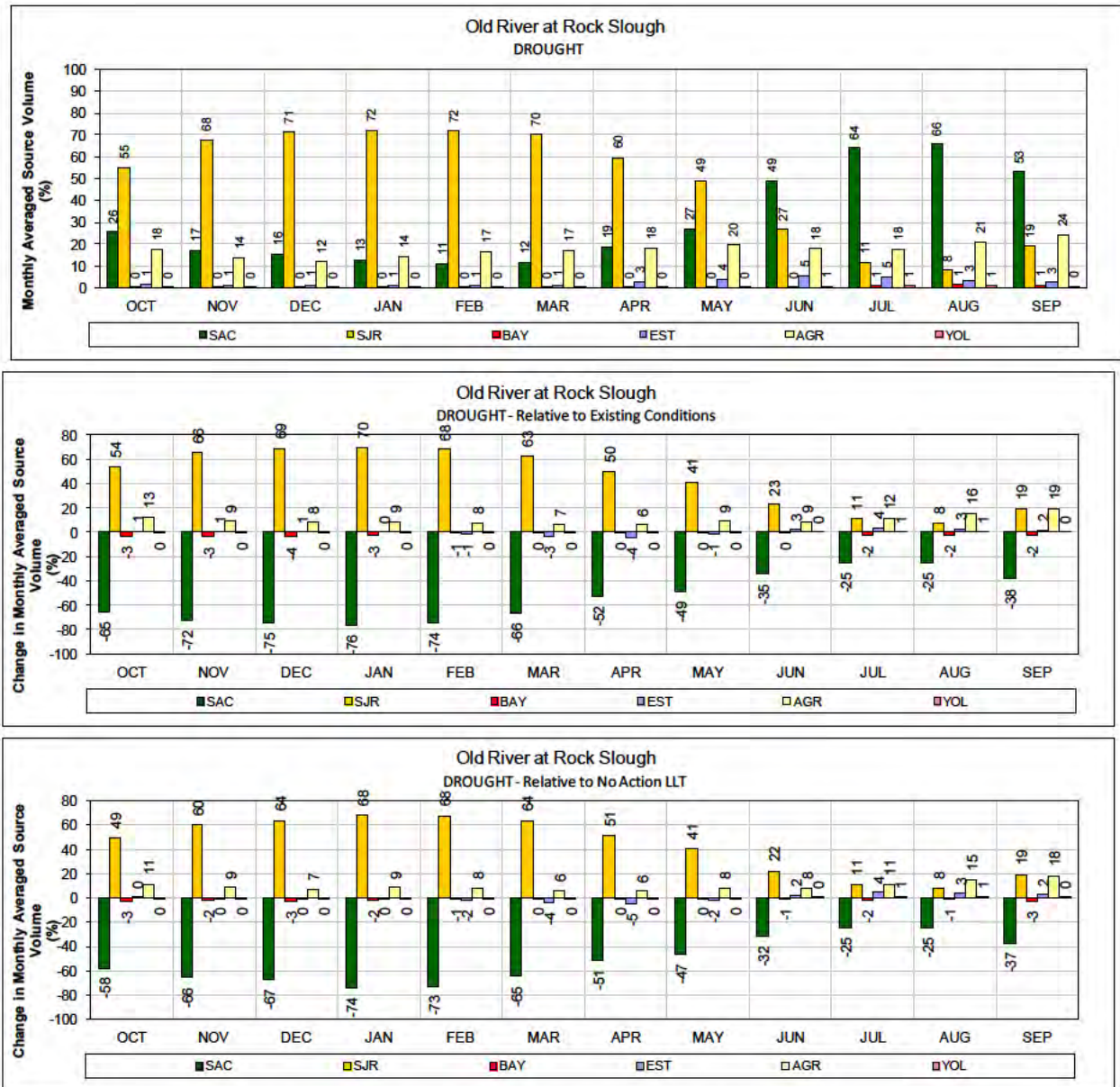
1 Figure 203. ALT 6 – Franks Tract for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



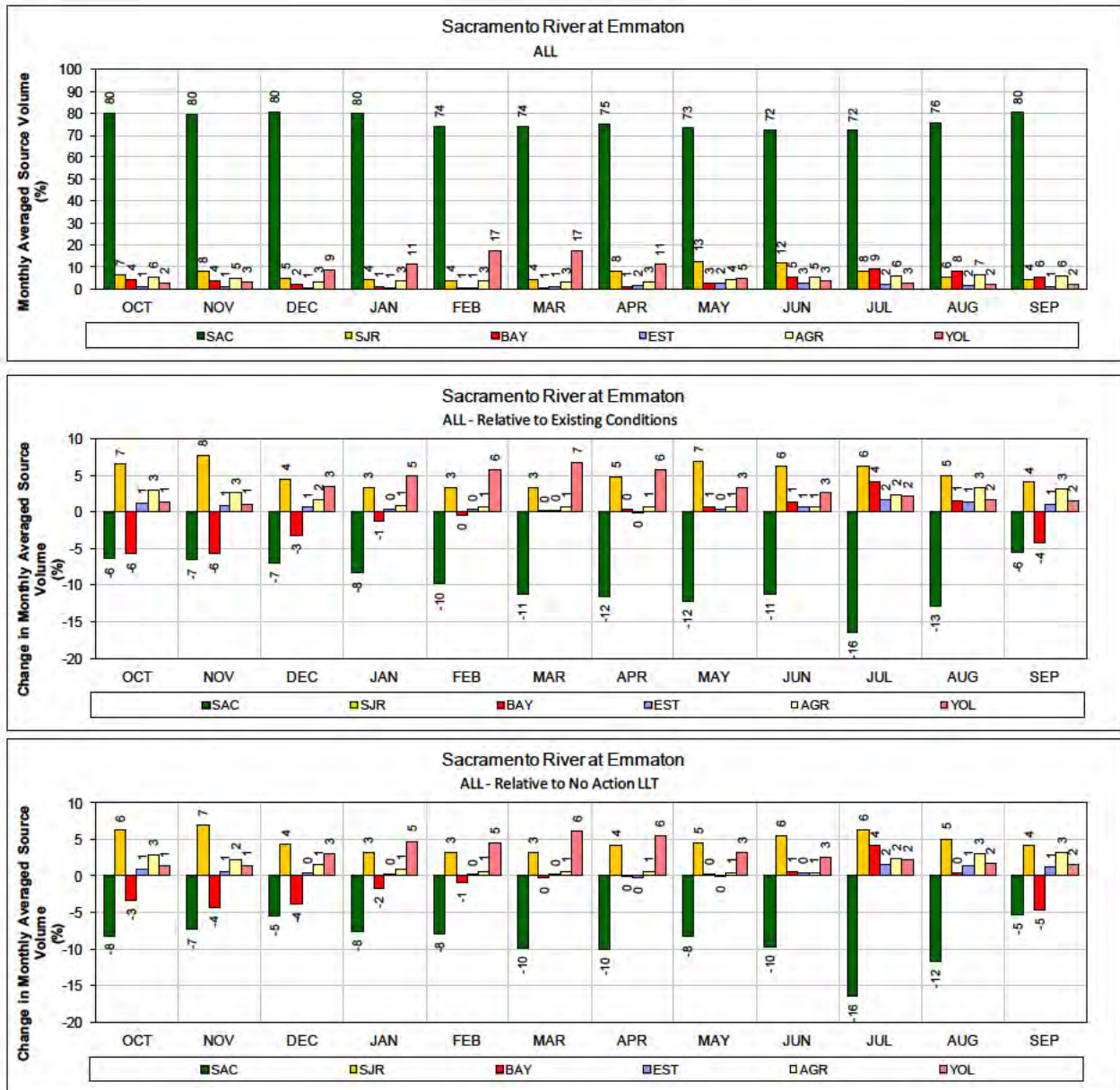
1 Figure 204. ALT 6 – Franks Tract for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



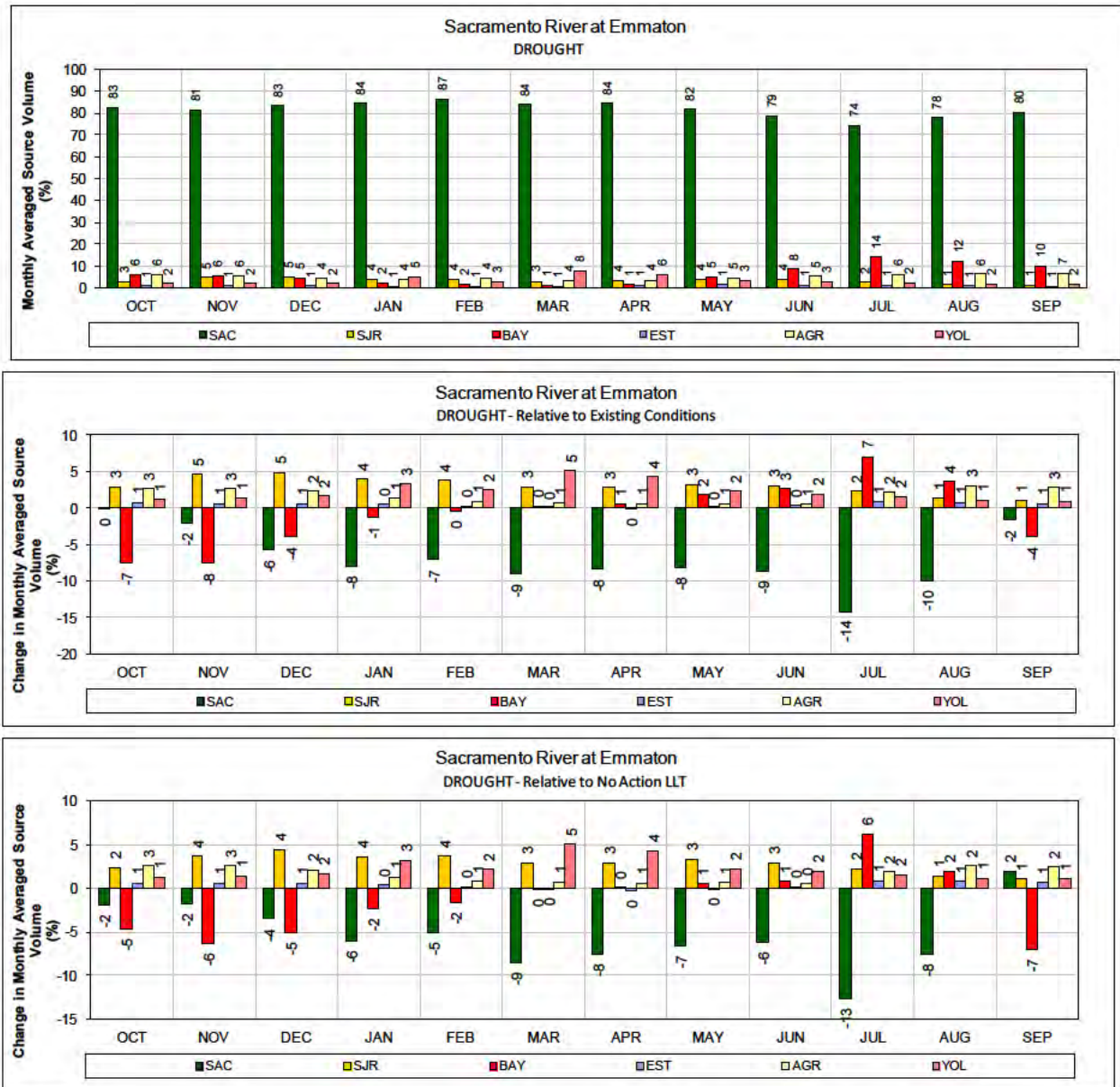
1 Figure 205. ALT 6 – Old River at Rock Slough for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



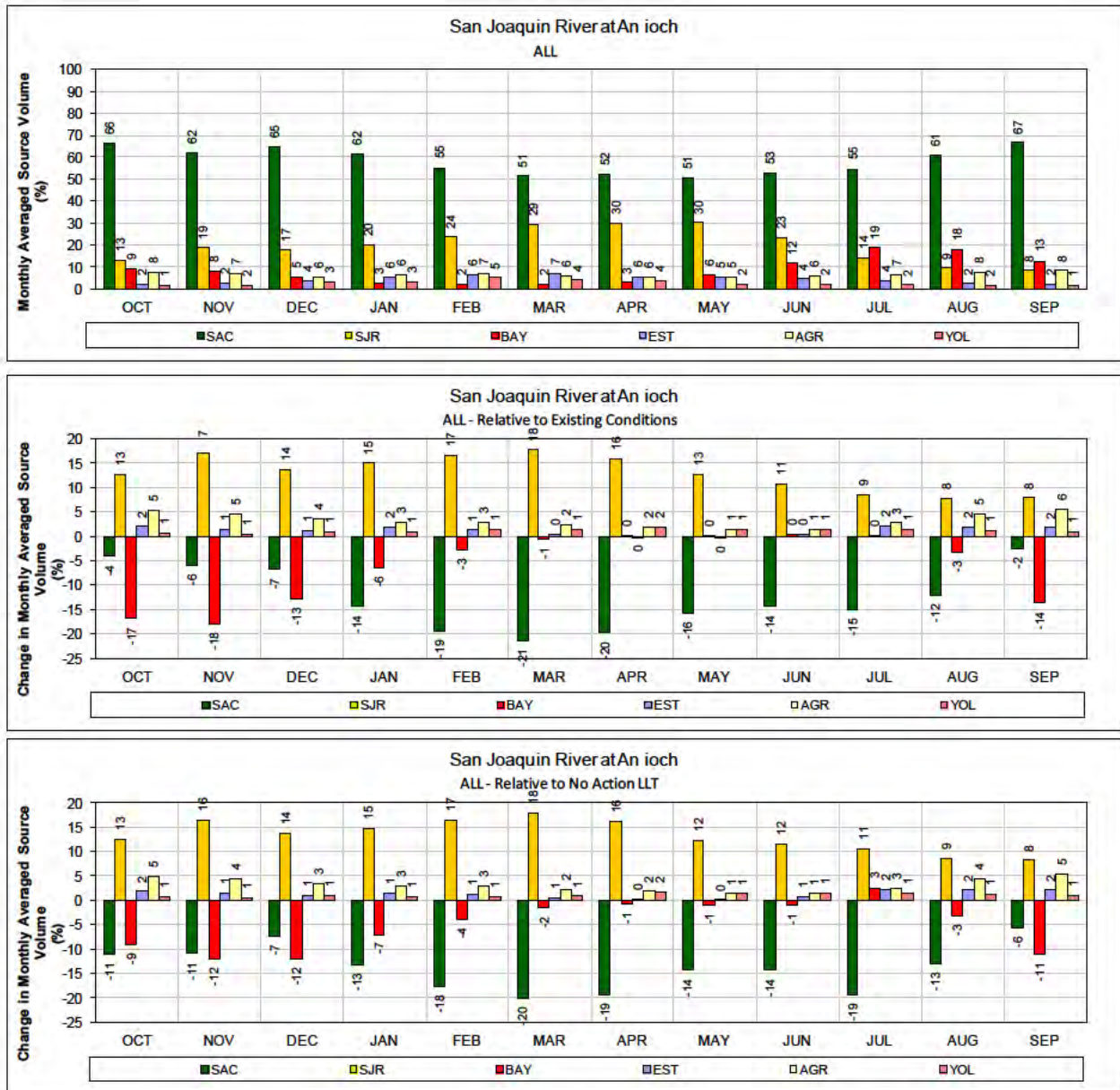
1 Figure 206. ALT 6 – Old River at Rock Slough for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



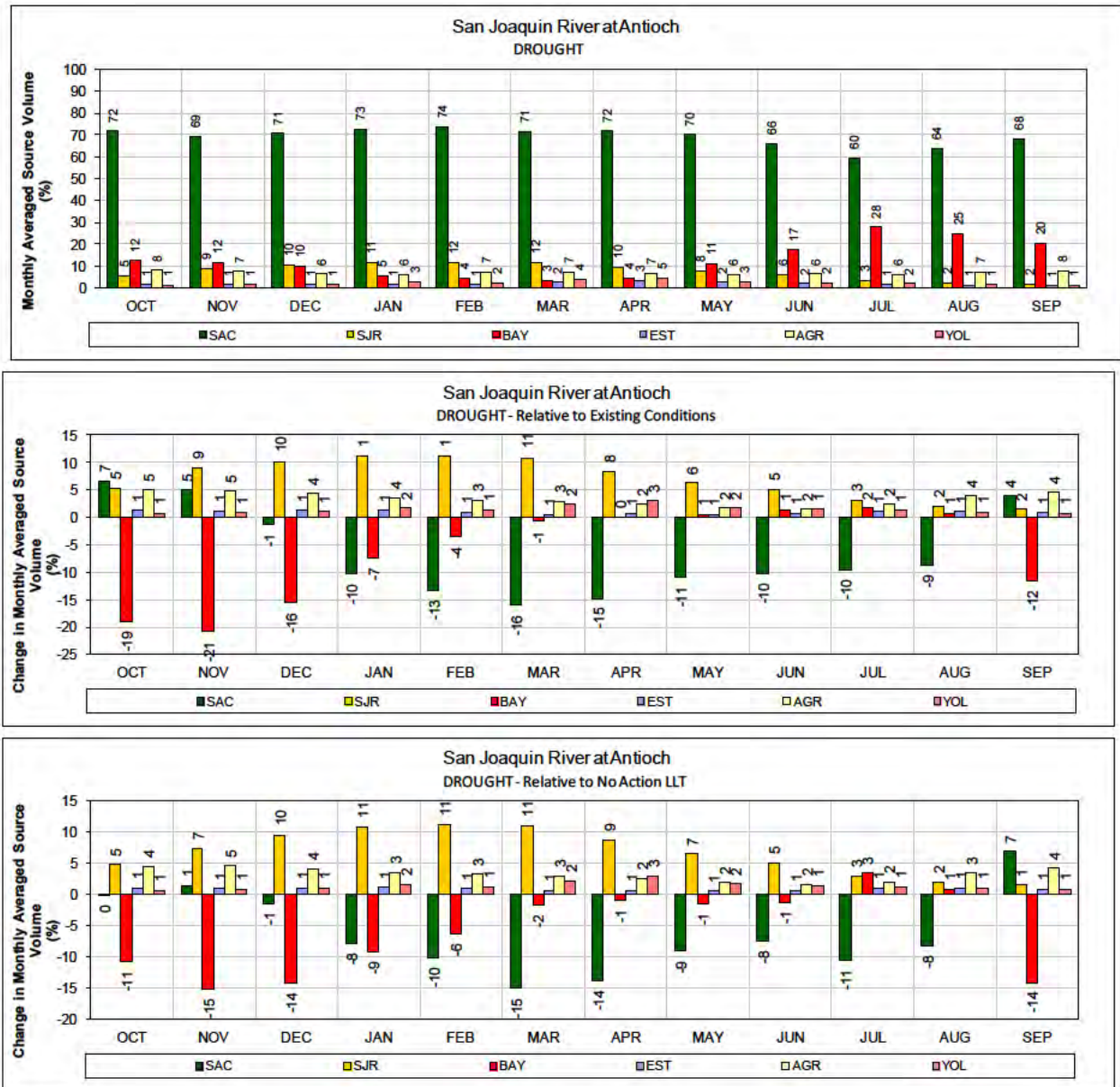
1 Figure 207. ALT 6 – Sacramento River at Emmatton for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



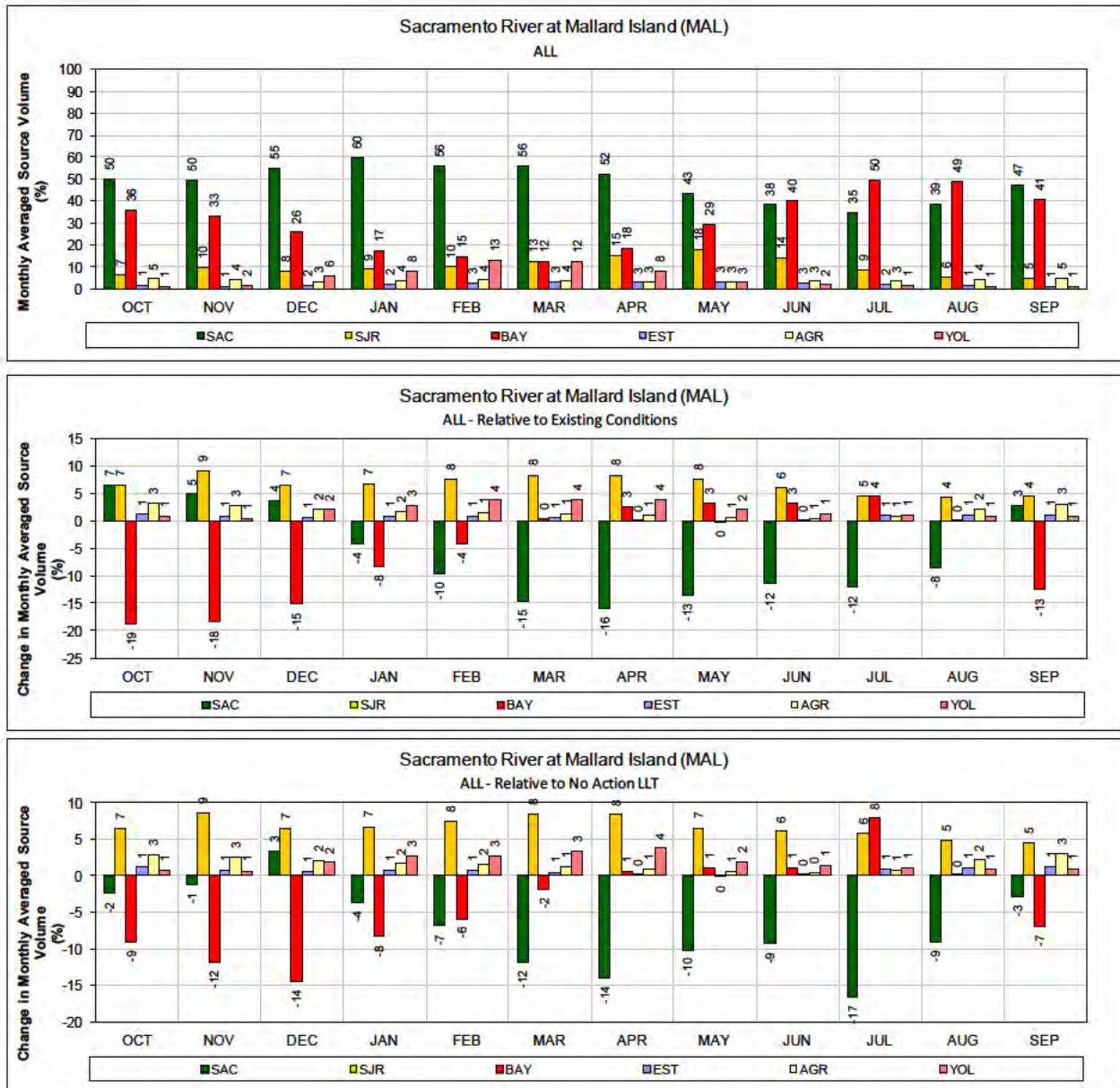
1 Figure 208. ALT 6 – Sacramento River at Emmaton for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



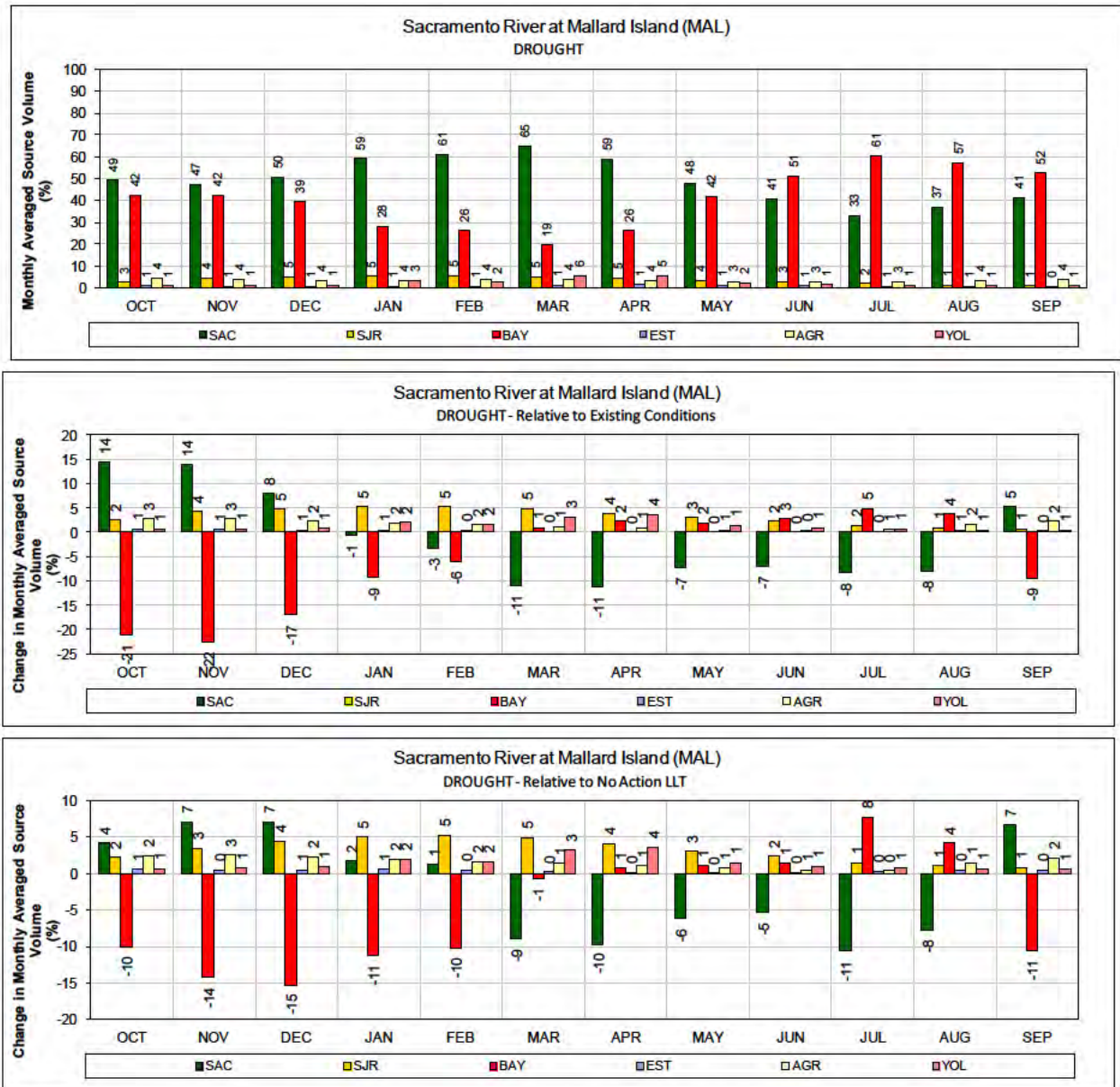
1 Figure 209. ALT 6 – San Joaquin River at Antioch for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



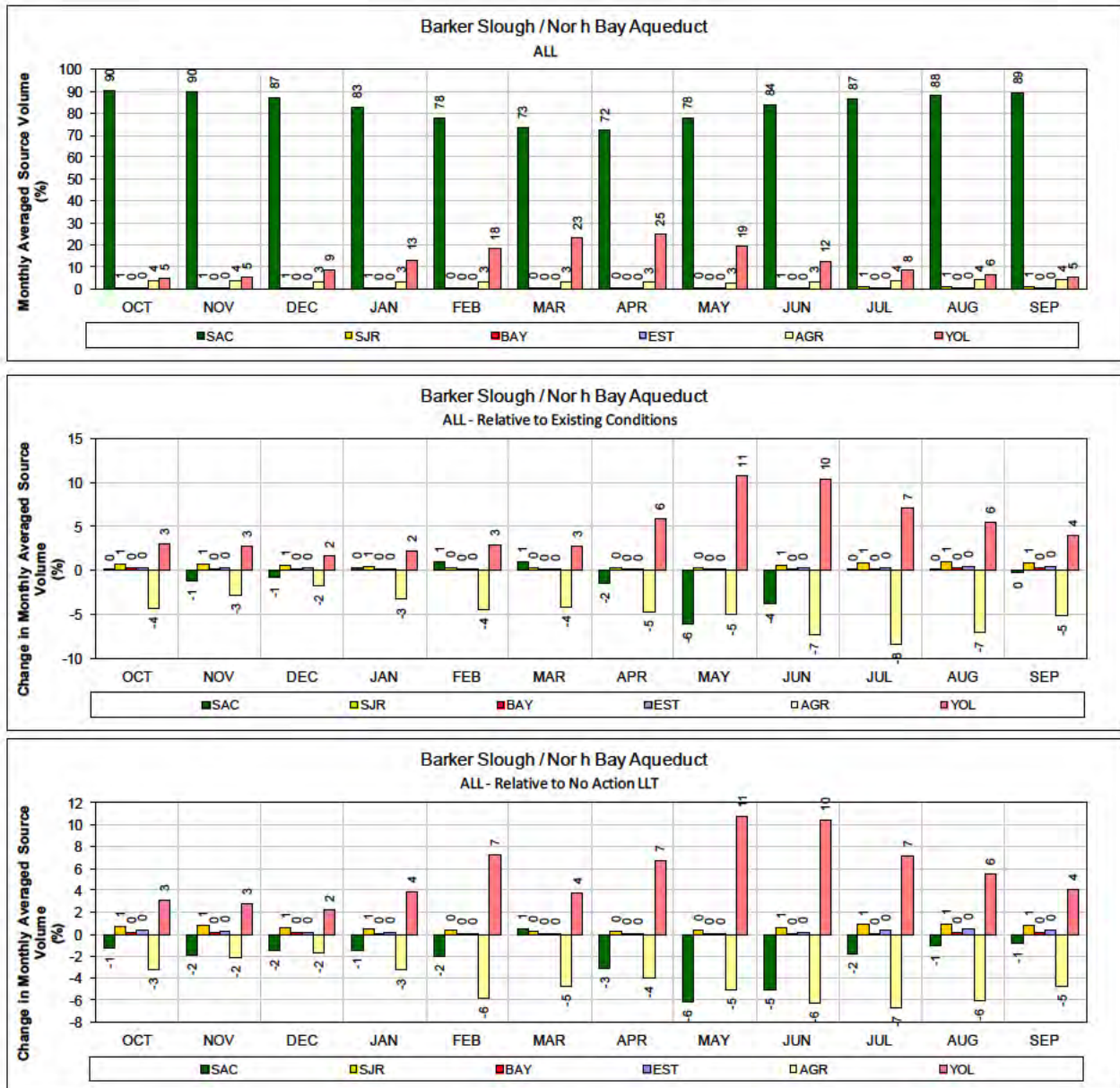
1 Figure 210. ALT 6 – San Joaquin River at Antioch for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



1 Figure 211. ALT 6 – Sacramento River at Mallard Island for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



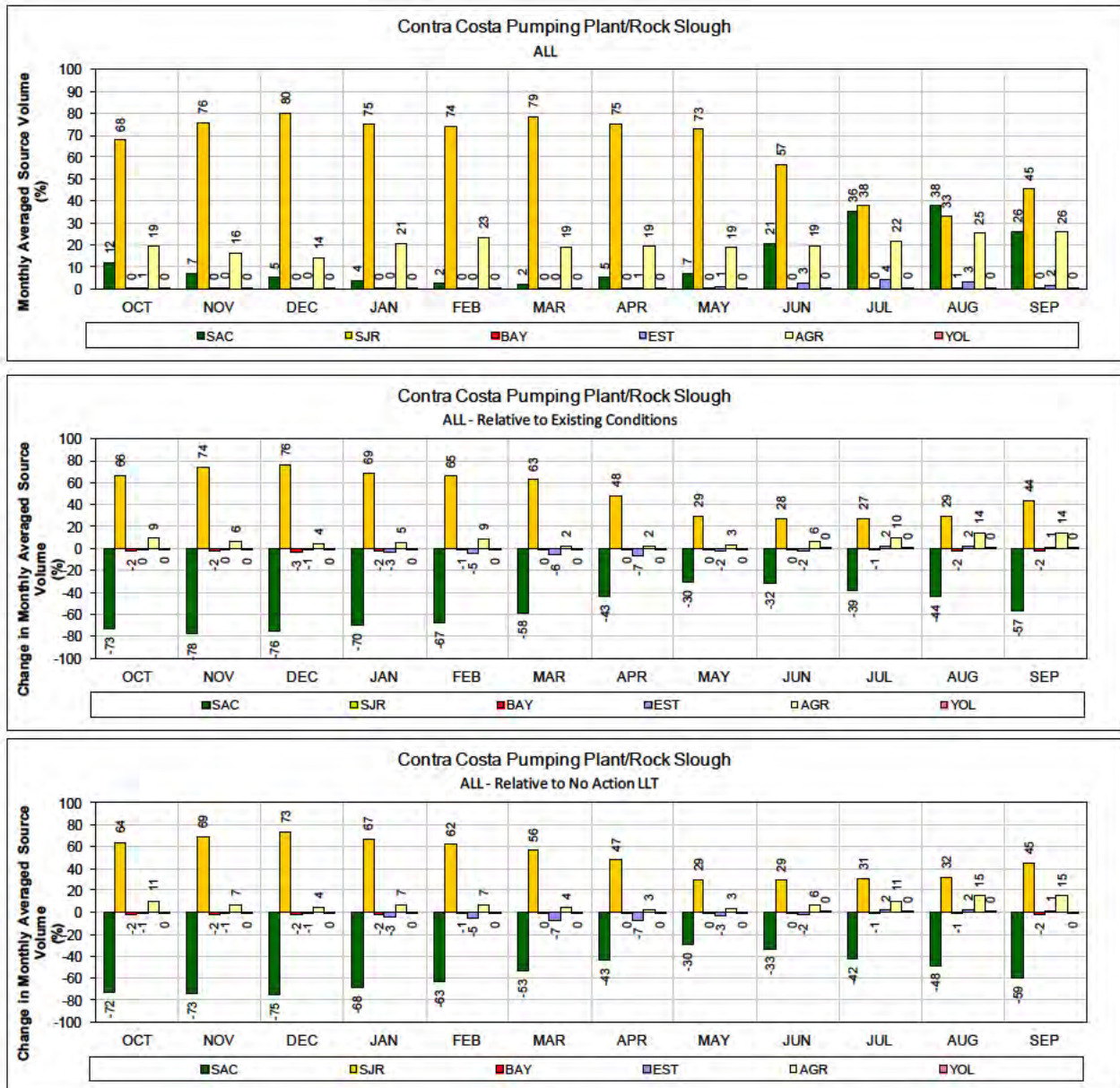
1 Figure 212. ALT 6 – Sacramento River at Mallard Island for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



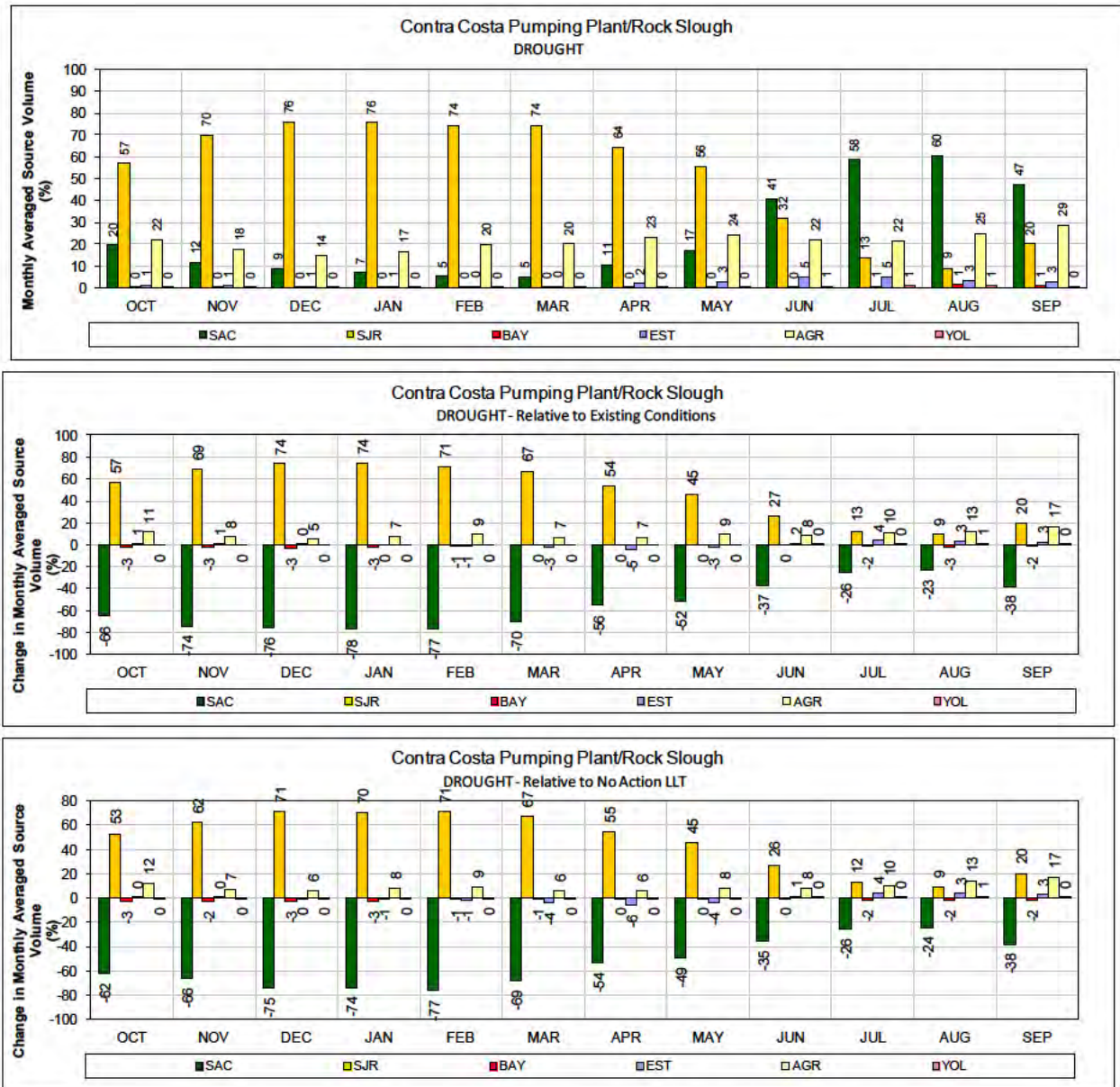
1 Figure 213. ALT 6 – North Bay Aqueduct at Barker Slough Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



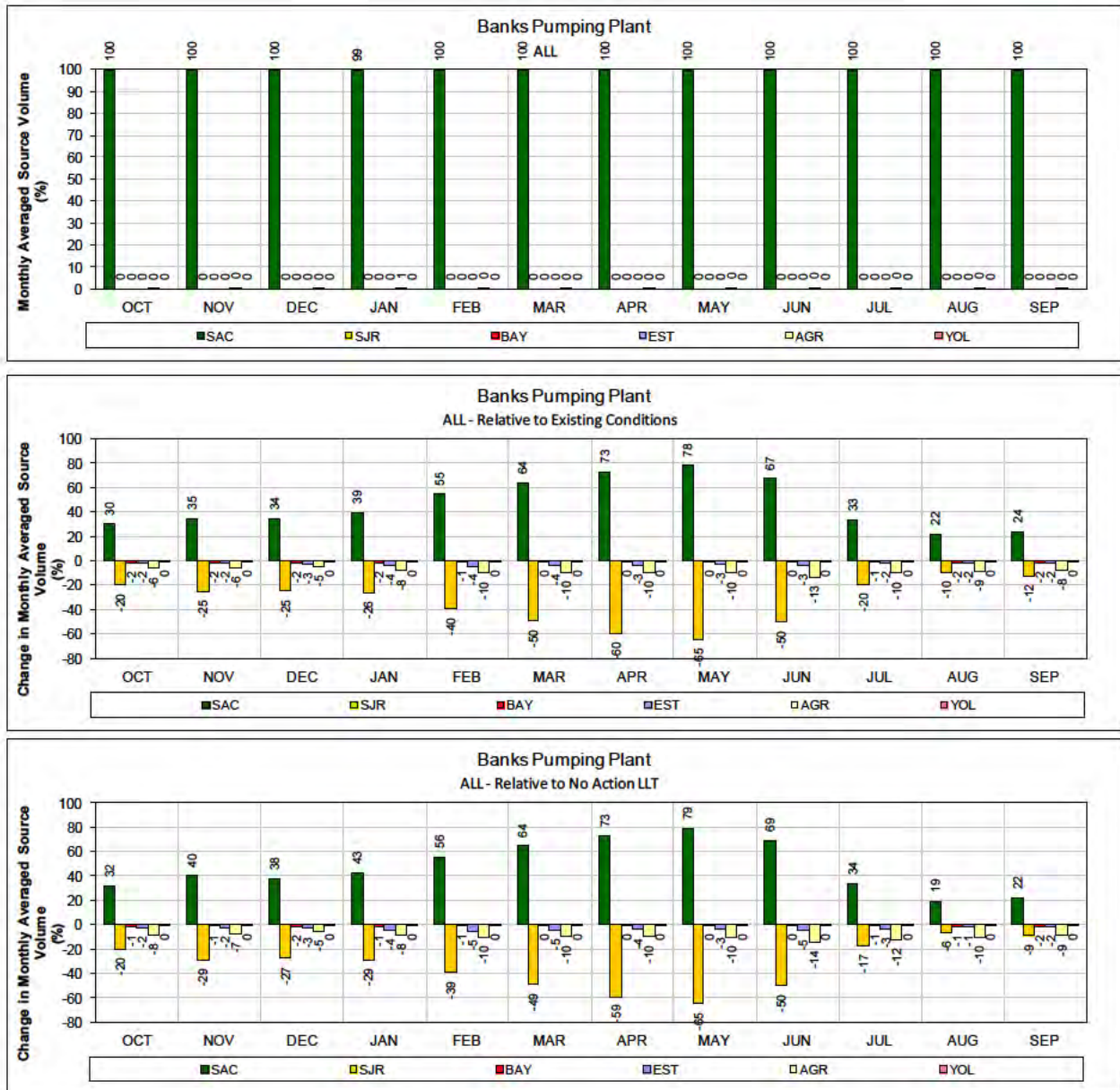
1 Figure 214. ALT 6 – North Bay Aqueduct at Barker Slough Pumping Plant for DROUGHT years
 2 (1987-1991)
 3 Monthly average source volume (top figure) and change in monthly average source volume relative to
 4 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



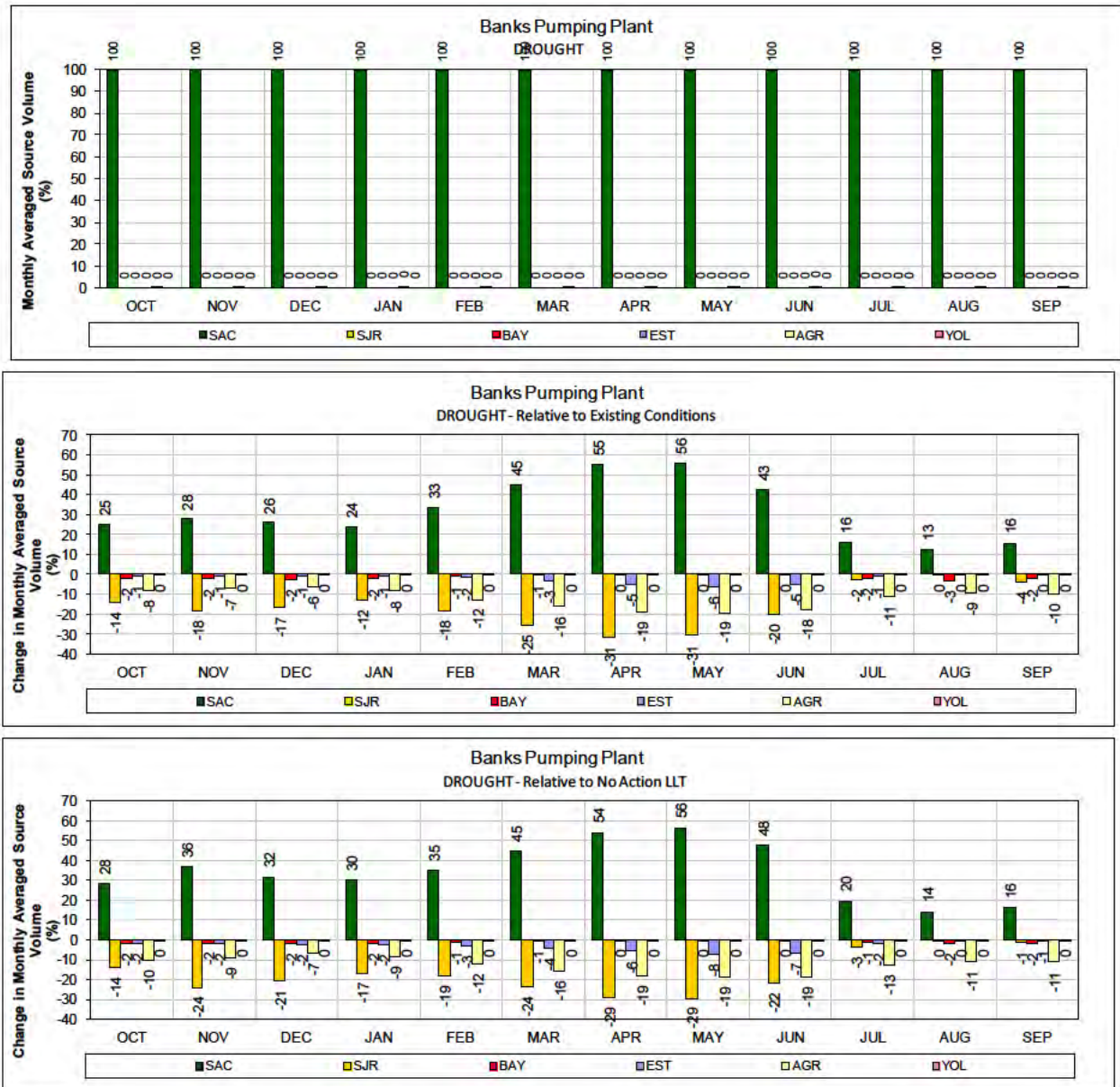
1 Figure 215. ALT 6 – Contra Costa Pumping Plant #1 for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



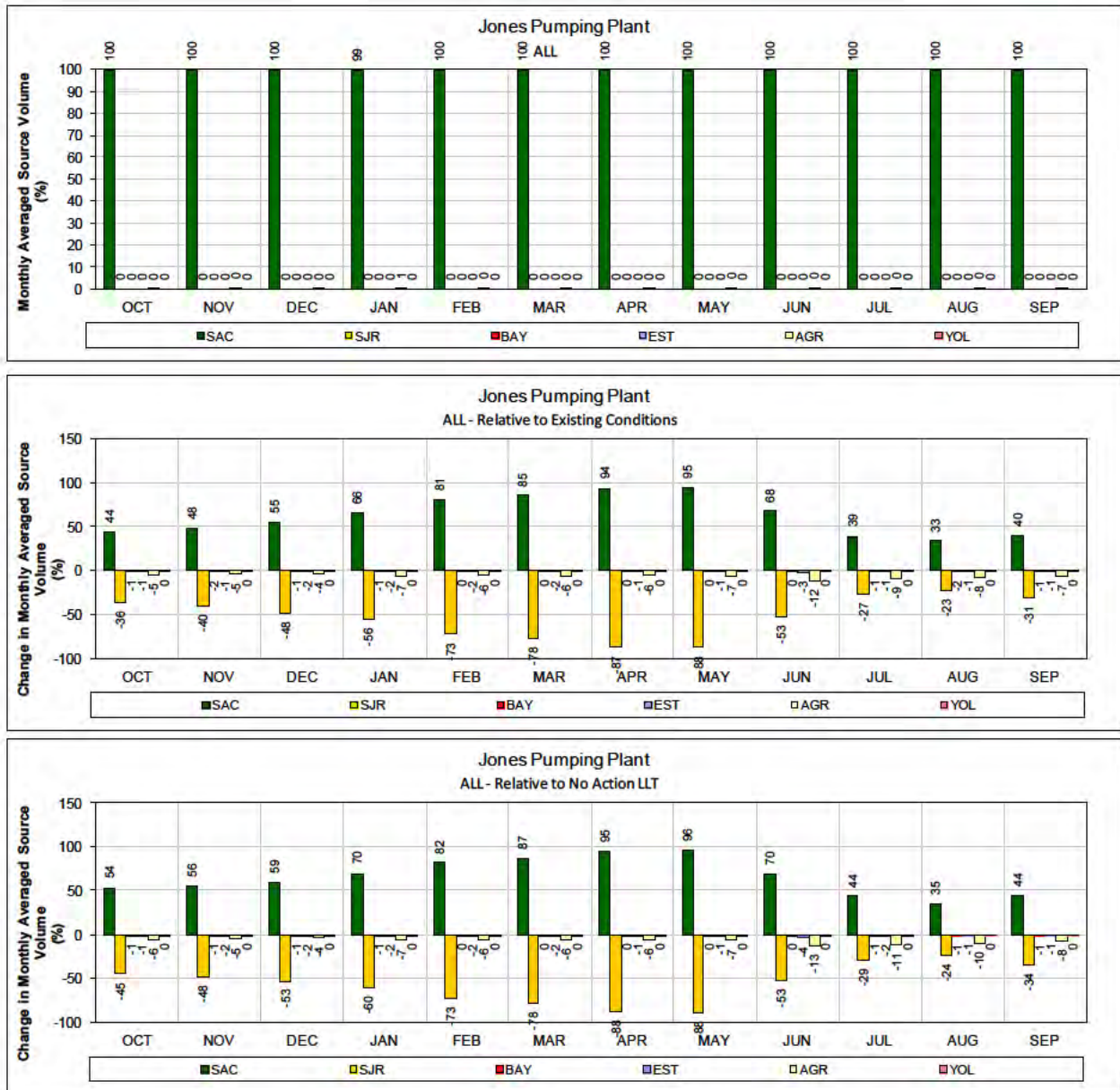
1 Figure 216. ALT 6 – Contra Costa Pumping Plant #1 for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



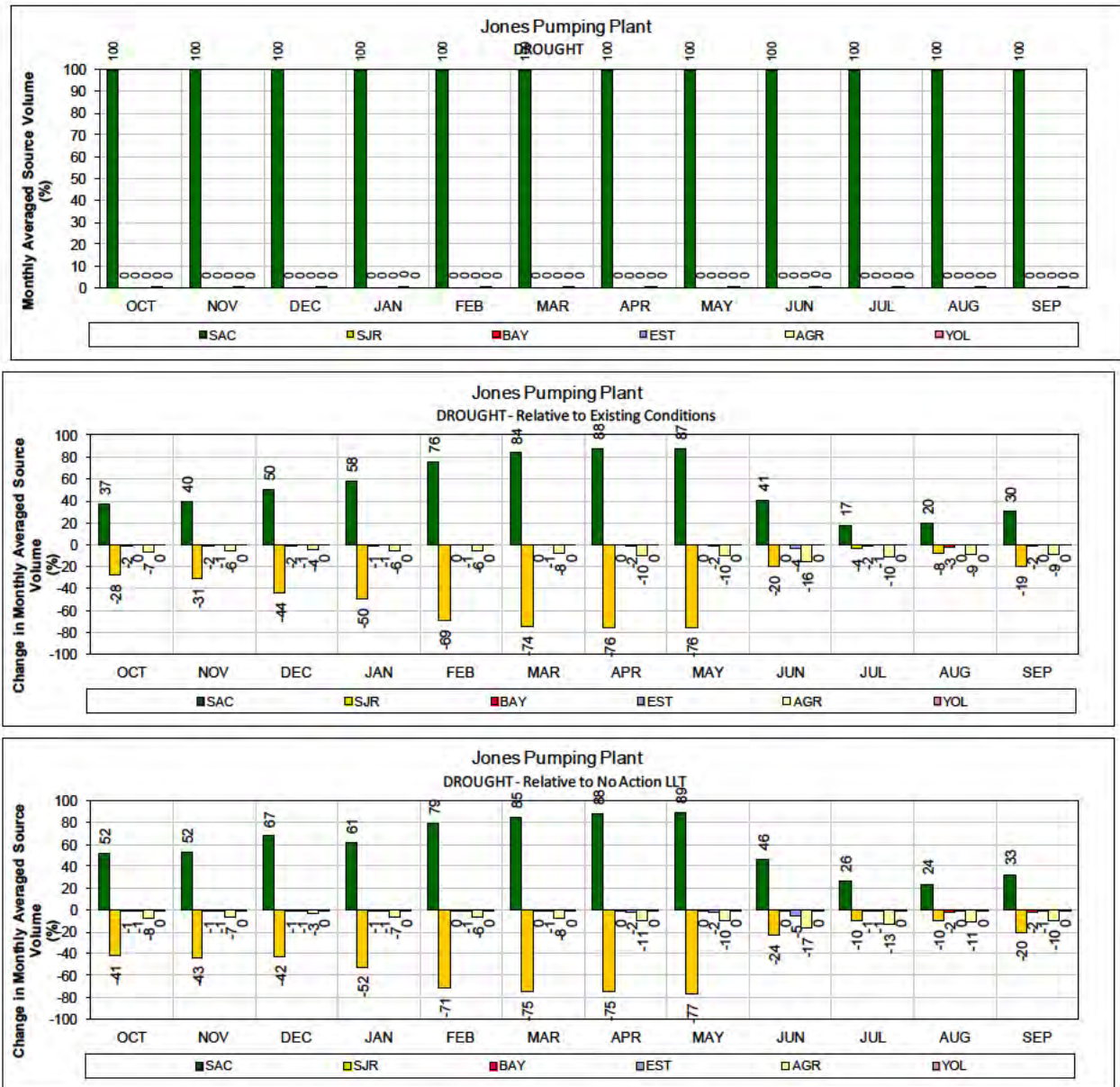
- 1 Figure 217. ALT 6 – Banks Pumping Plant for ALL years (1976-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
- 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



- 1 Figure 218. ALT 6 – Banks Pumping Plant for DROUGHT years (1987-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).
- 3

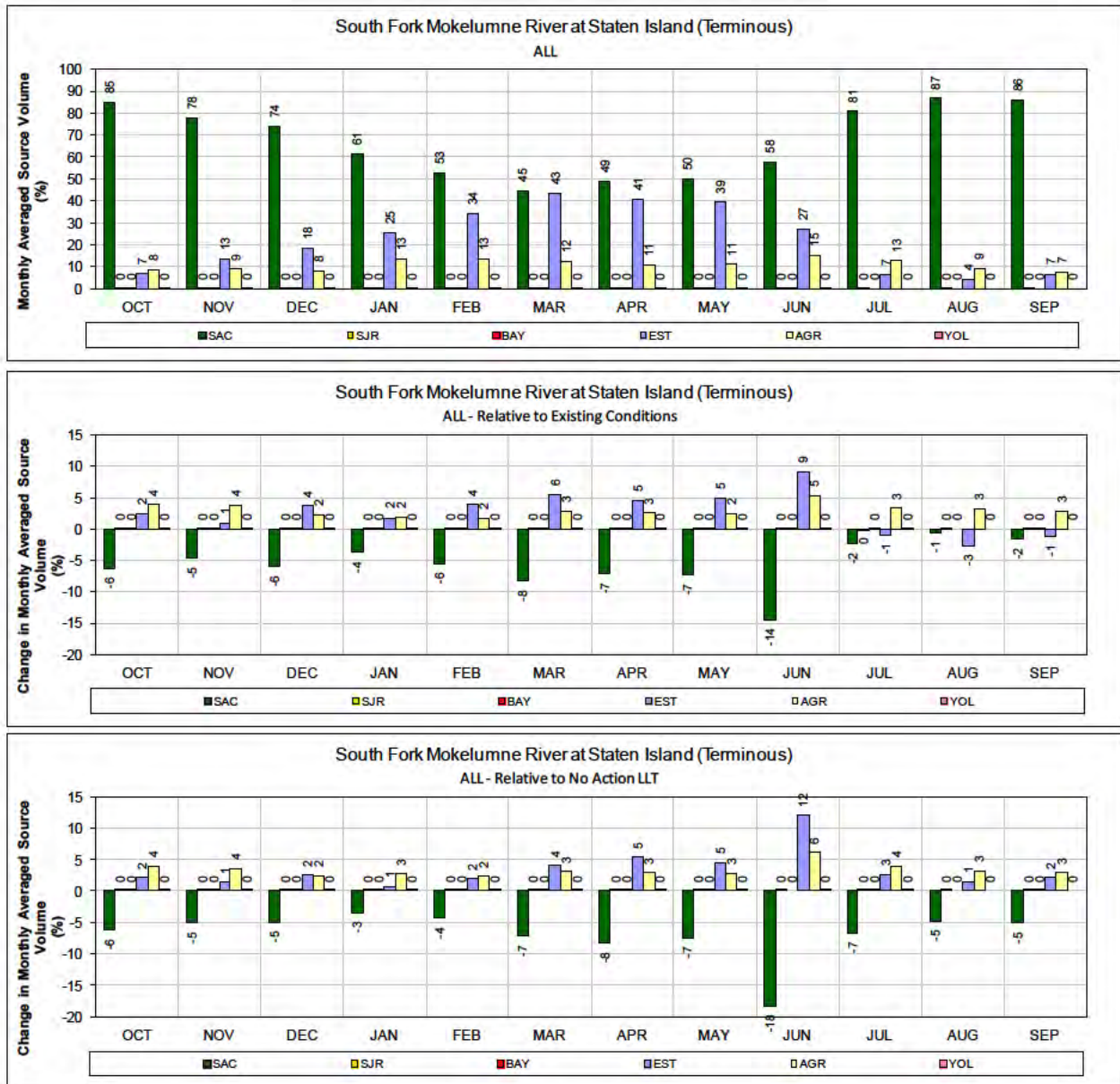


1 Figure 219. ALT 6 – Jones Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).

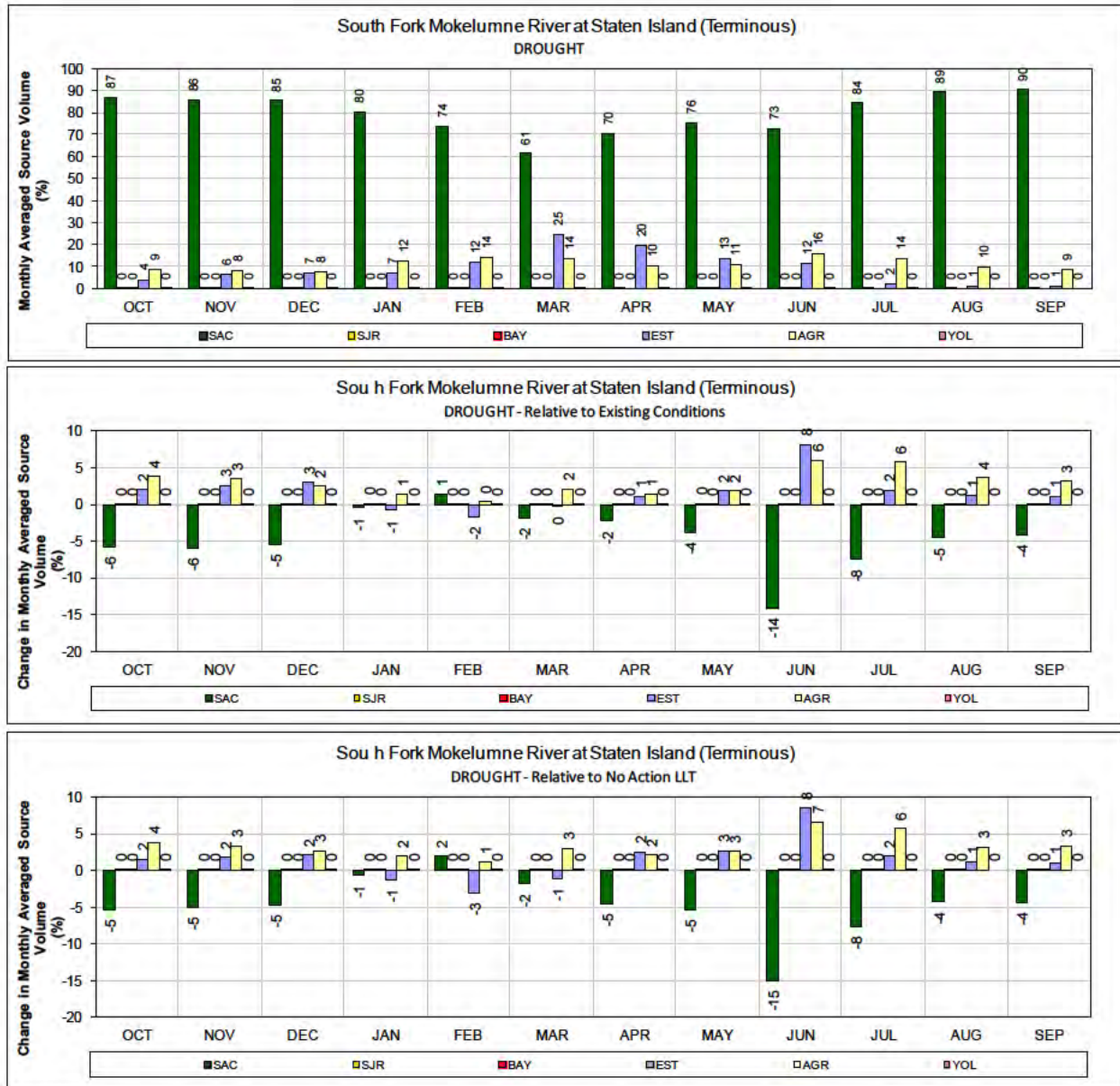


1 **Figure 220. ALT 6 – Jones Pumping Plant for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**

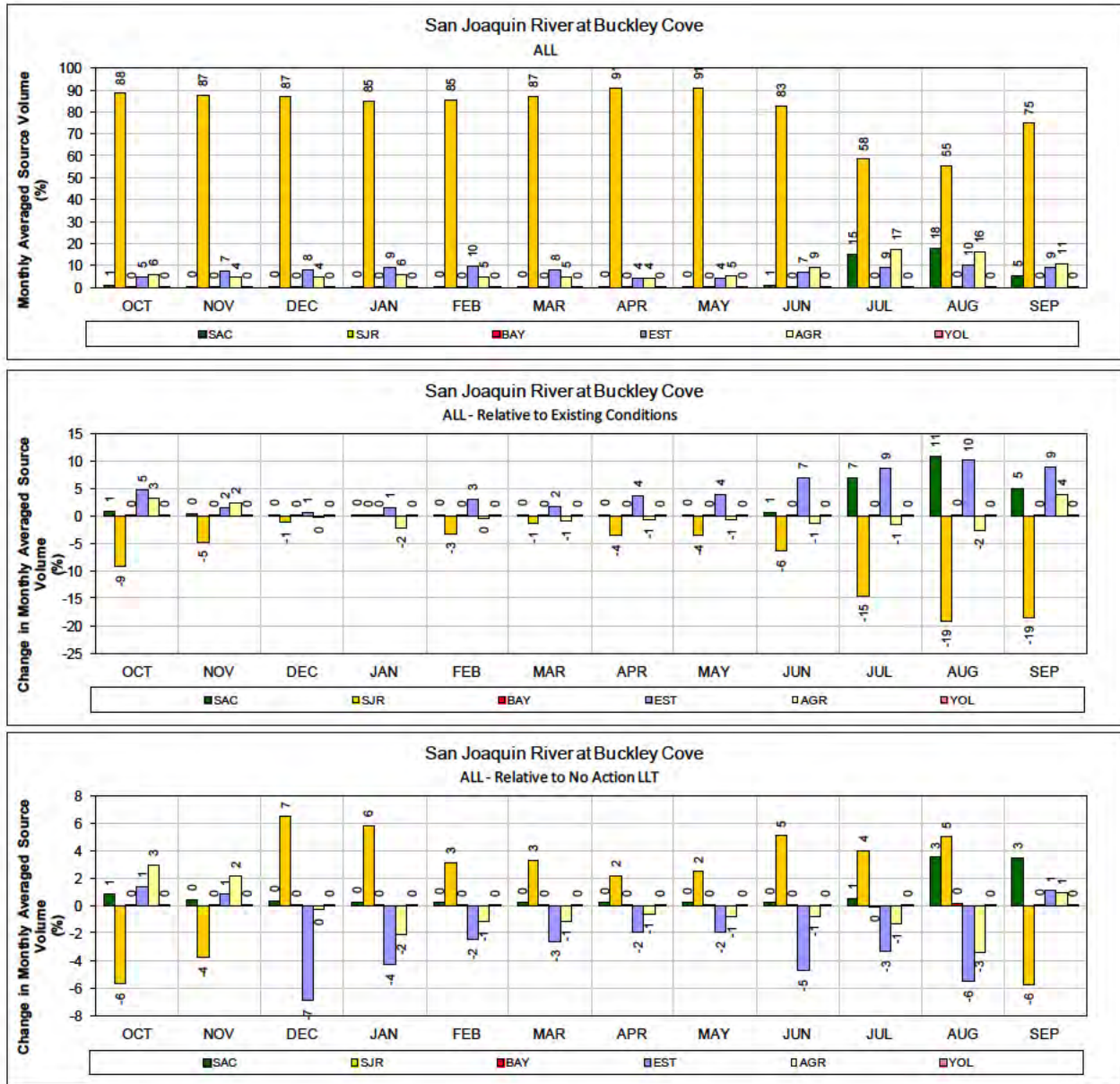
Alternative 7 LLT



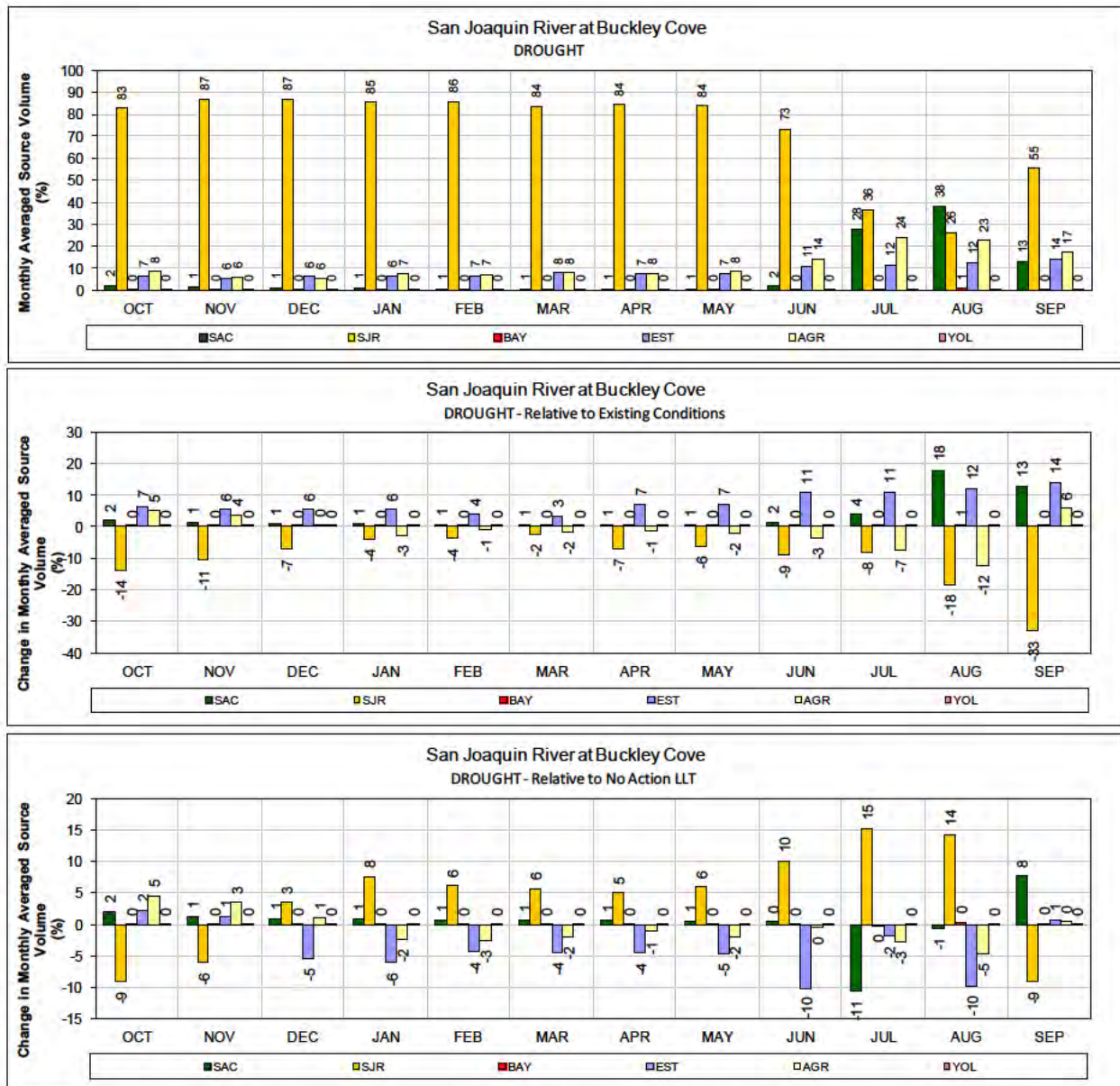
1 Figure 221. ALT 7 – Mokelumne River (South Fork) at Staten Island for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



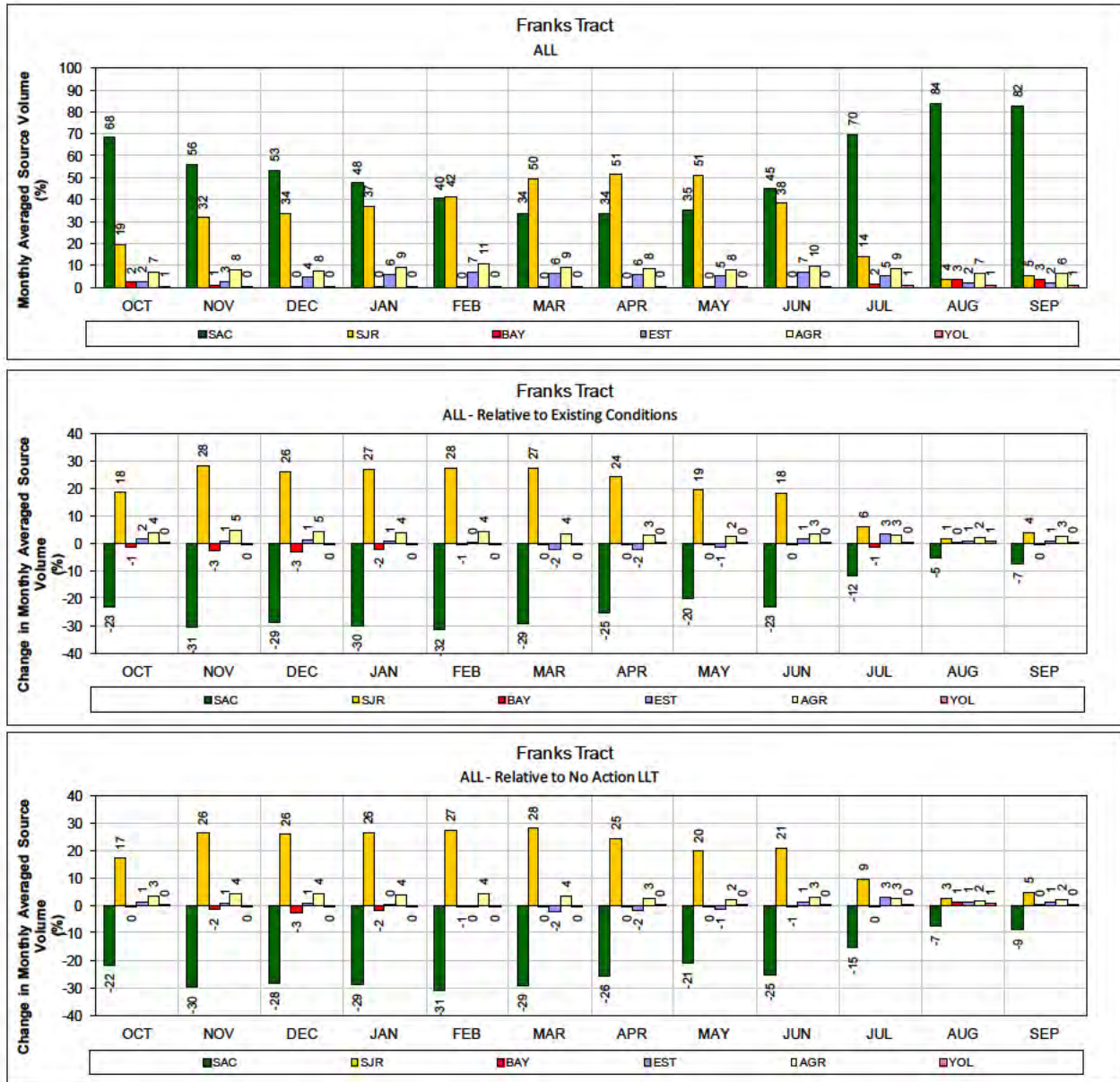
1 Figure 222. ALT 7 – Mokelumne River (South Fork) at Staten Island for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



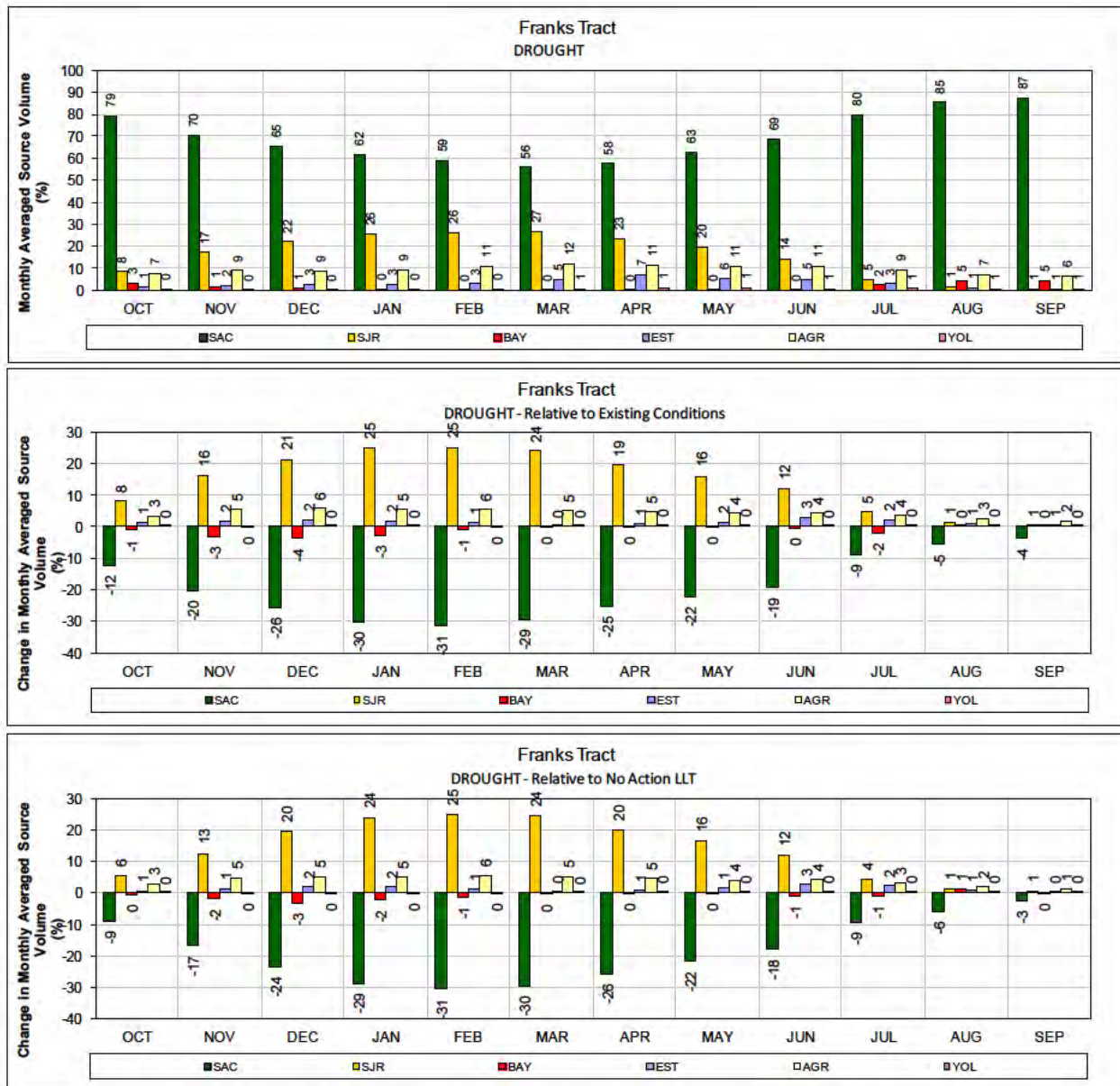
1 Figure 223. ALT 7 – San Joaquin River at Buckley Cove for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



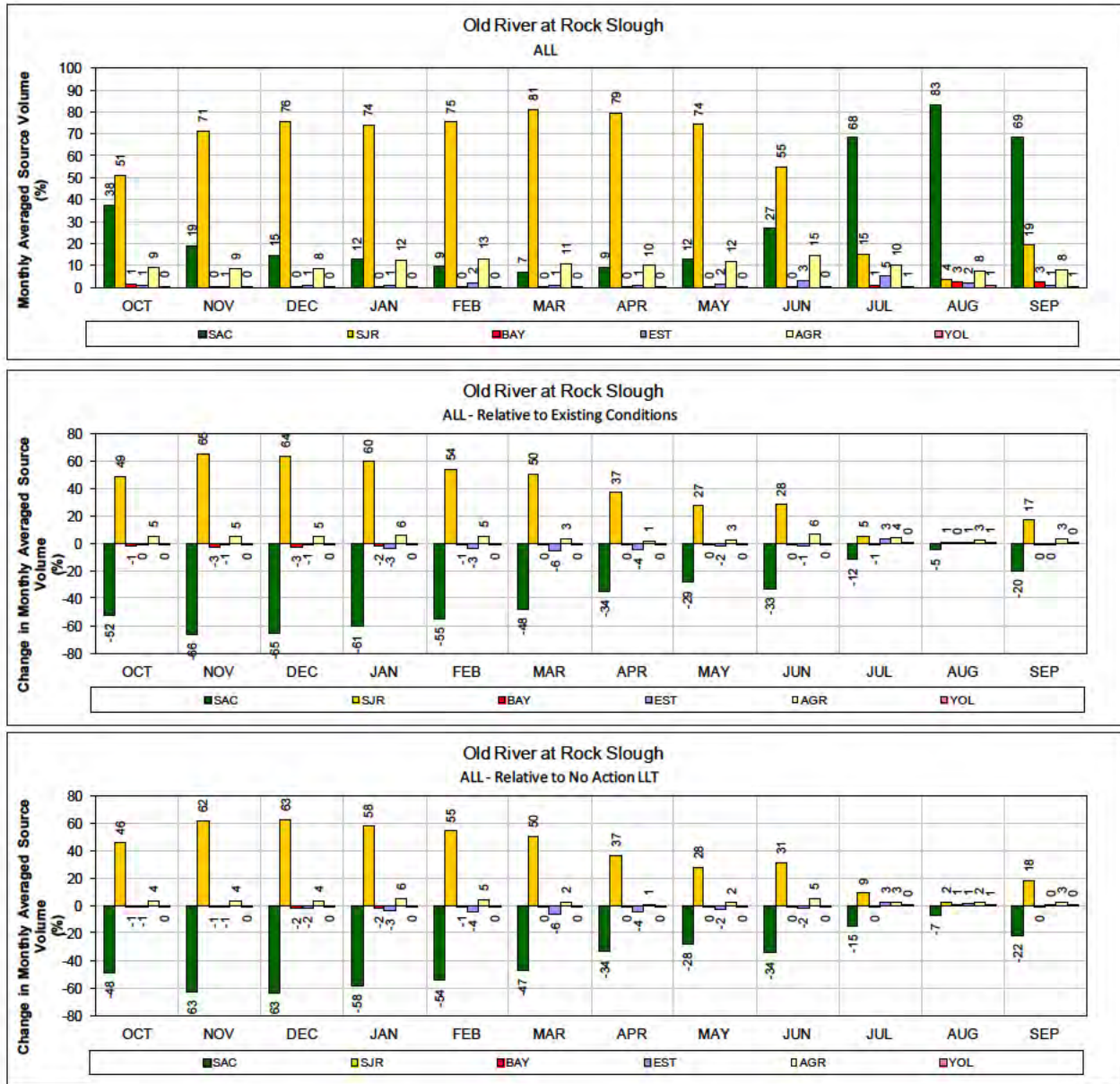
1 **Figure 224. ALT 7 – San Joaquin River at Buckley Cove for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



1 **Figure 225. ALT 7 – Franks Tract for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



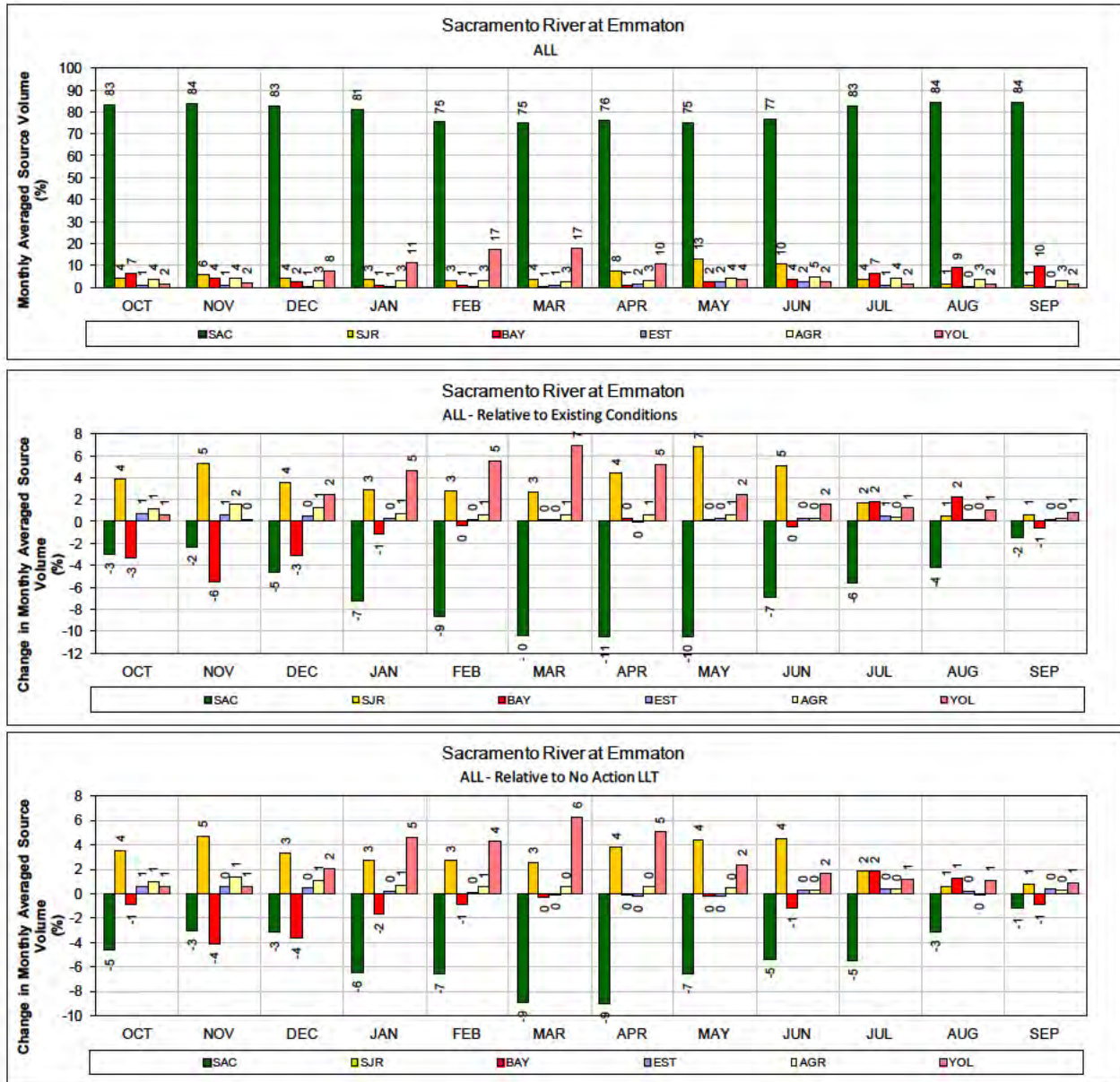
- 1 Figure 226. ALT 7 – Franks Tract for DROUGHT years (1987-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
- 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



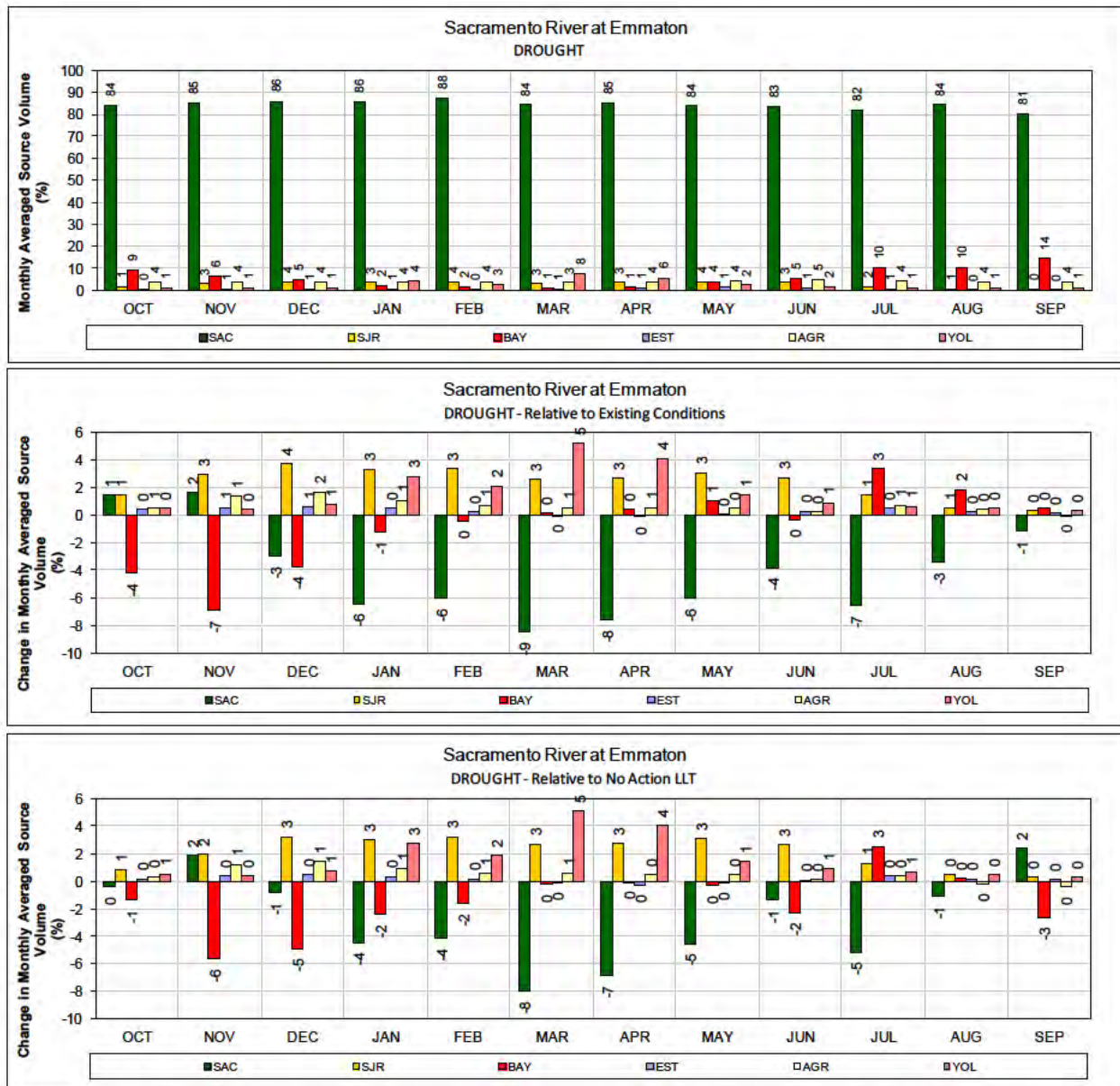
1 Figure 227. ALT 7 – Old River at Rock Slough for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



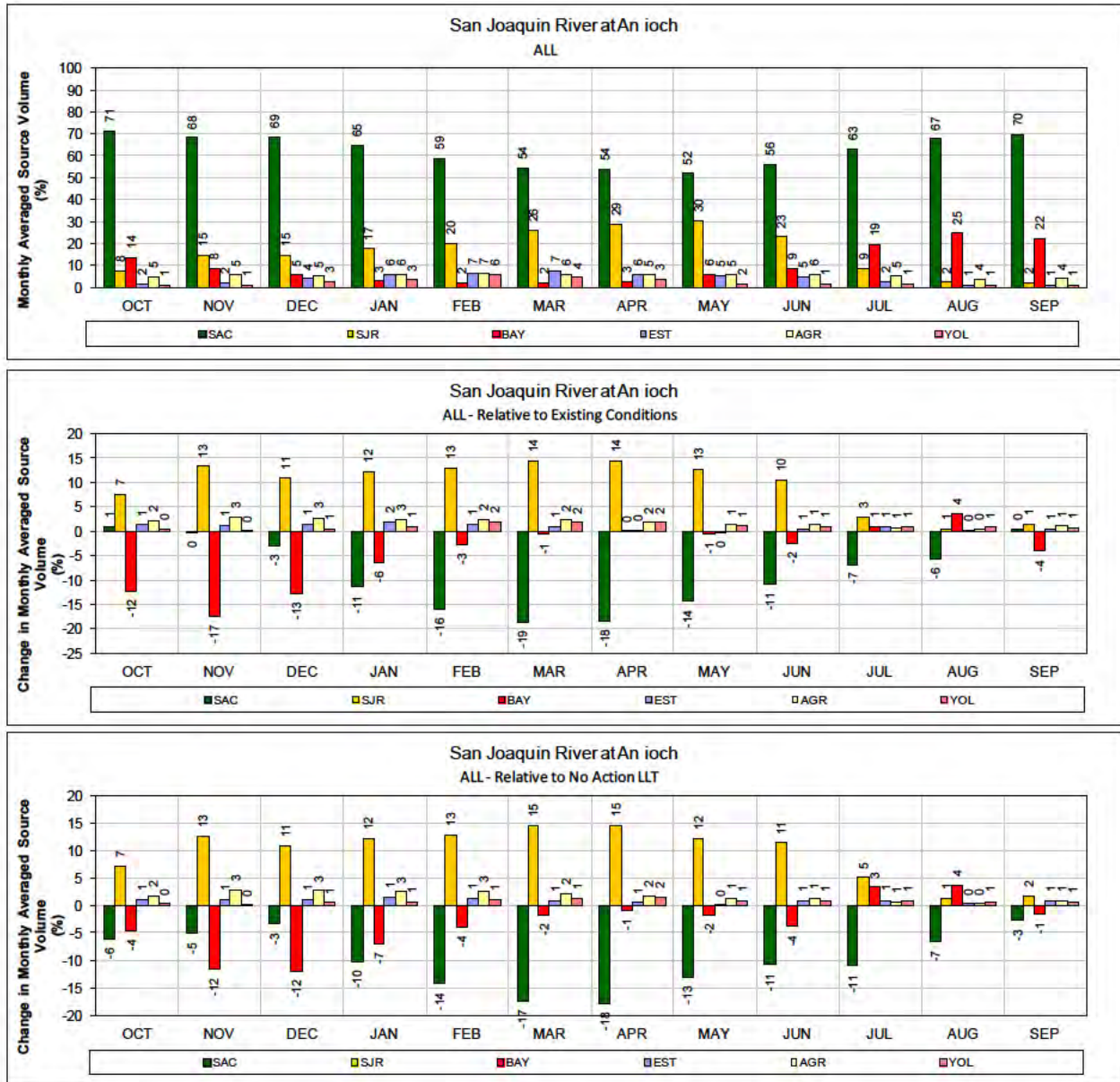
1 Figure 228. ALT 7 – Old River at Rock Slough for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



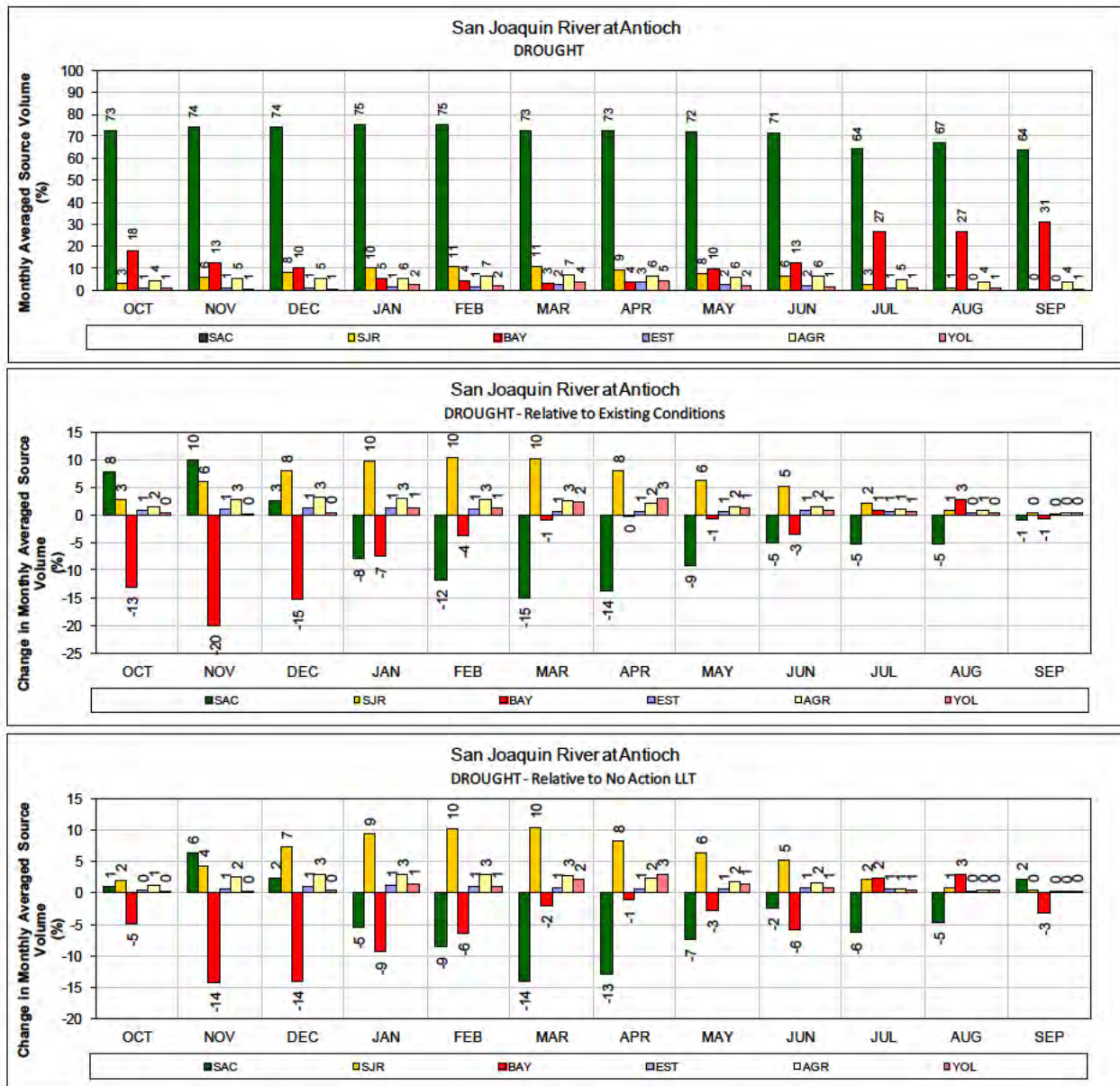
1 Figure 229. ALT 7 – Sacramento River at Emmatton for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



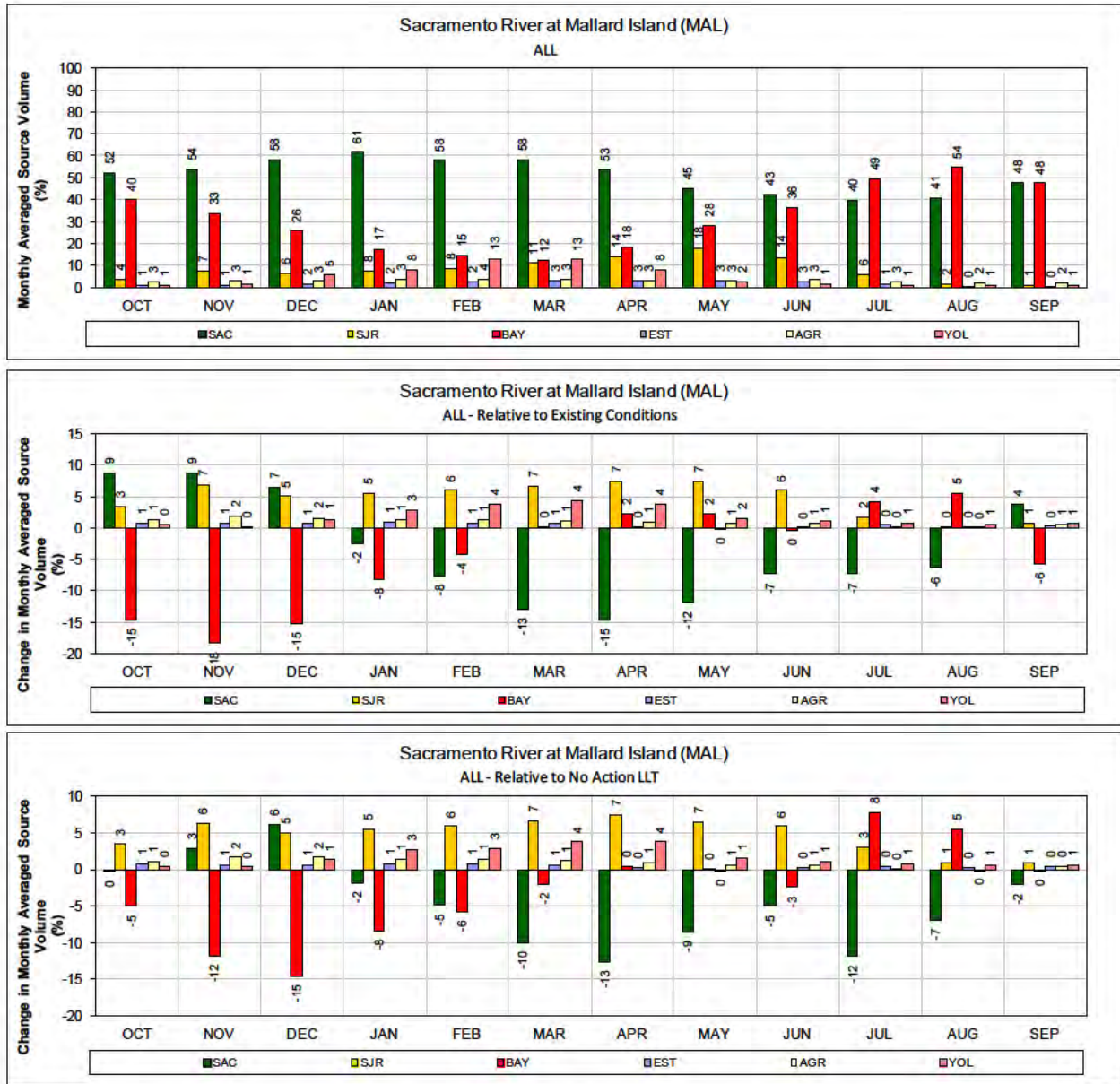
1 Figure 230. ALT 7 – Sacramento River at Emmaton for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



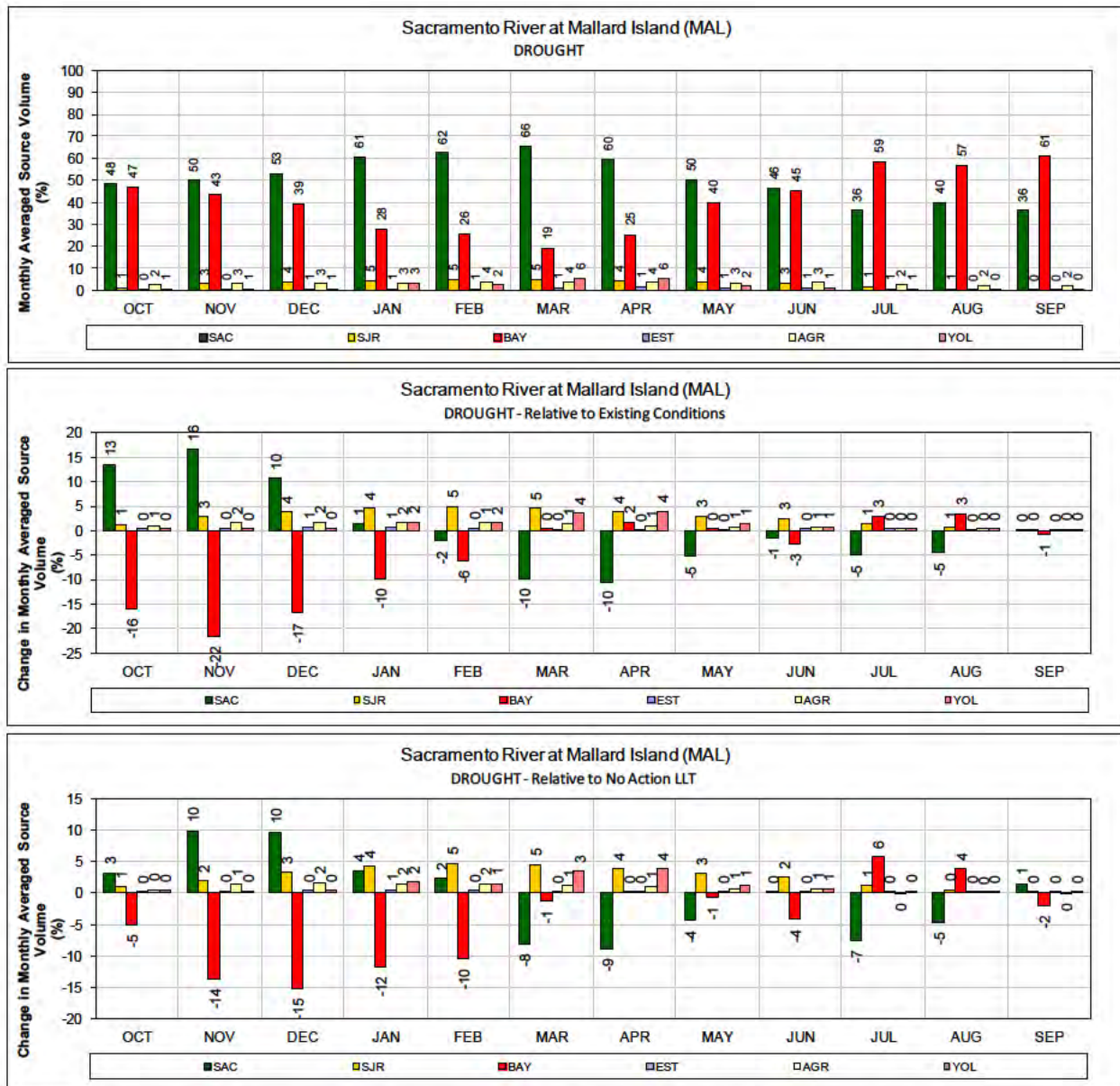
1 Figure 231. ALT 7 – San Joaquin River at Antioch for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



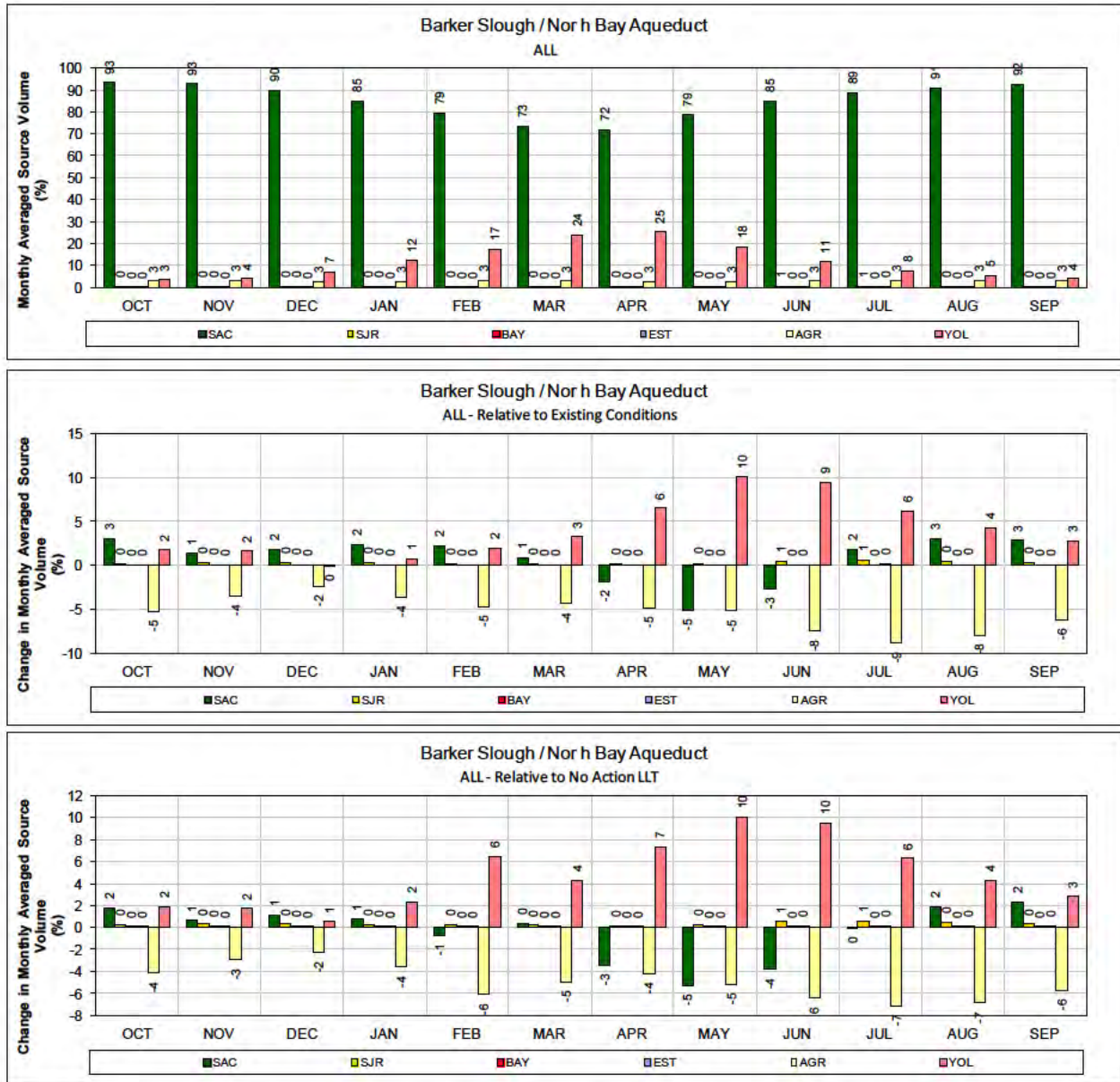
1 Figure 232. ALT 7 – San Joaquin River at Antioch for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



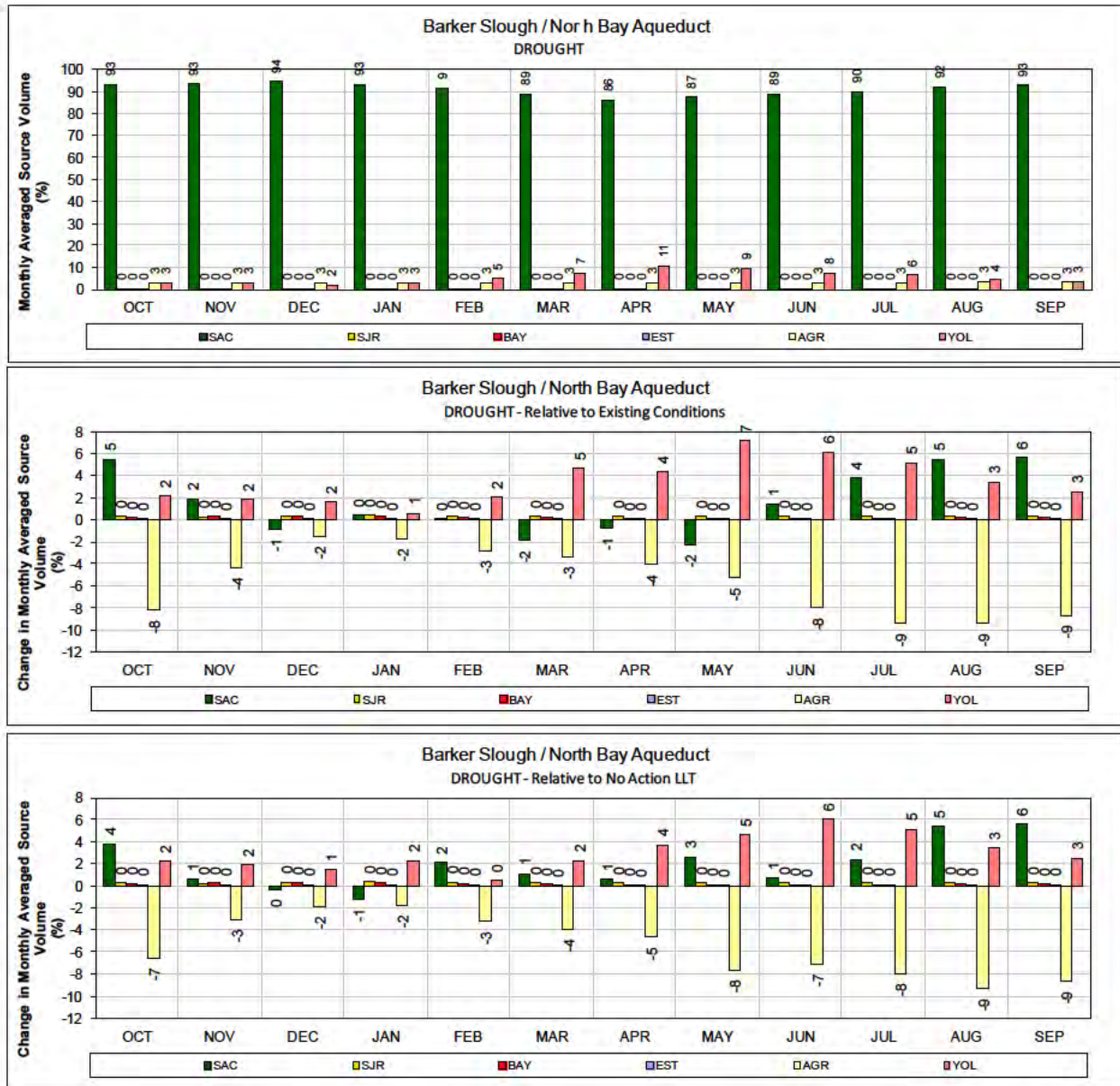
1 Figure 233. ALT 7 – Sacramento River at Mallard Island for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



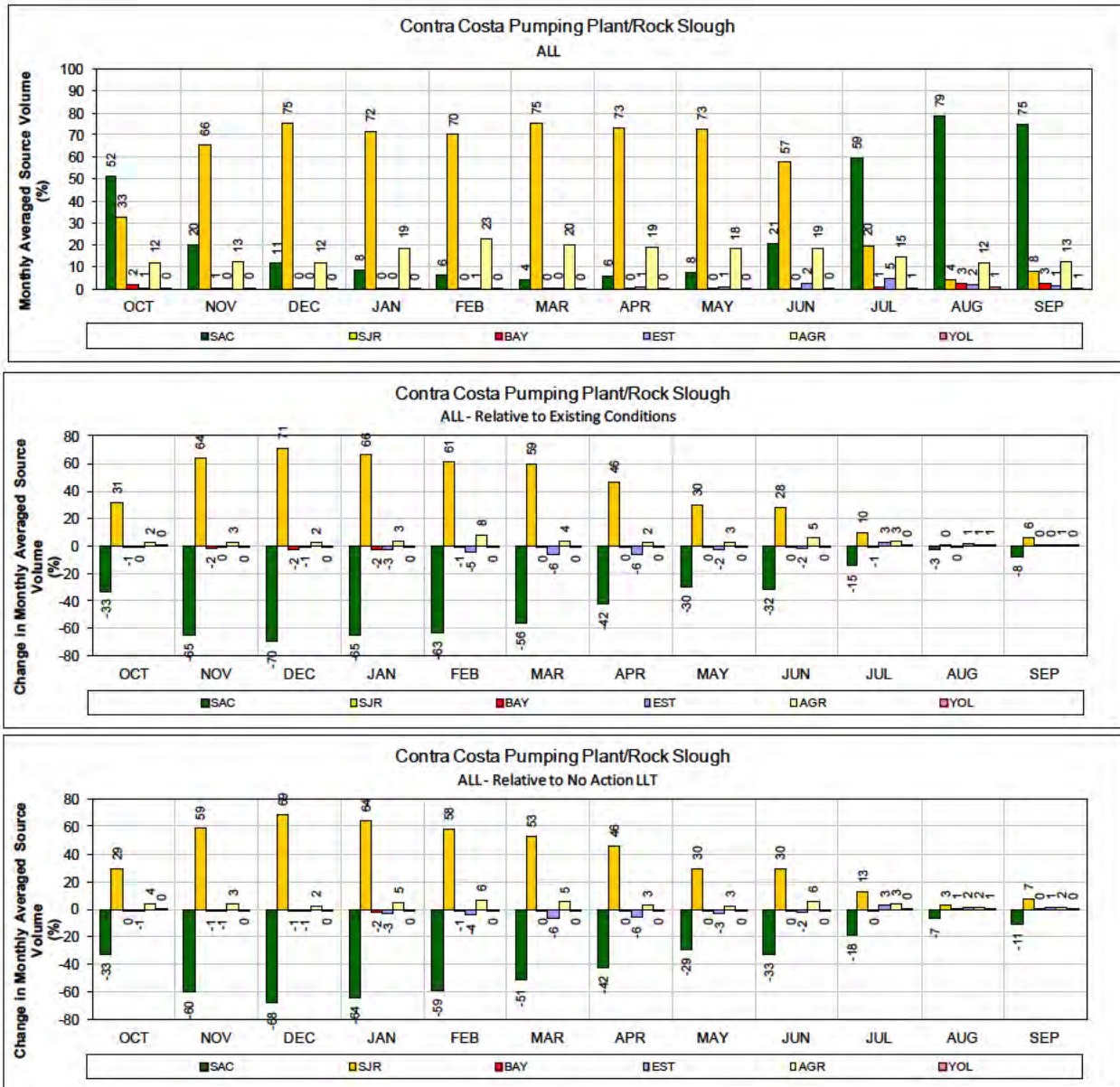
- 1 Figure 234. ALT 7 – Sacramento River at Mallard Island for DROUGHT years (1987-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).
- 3



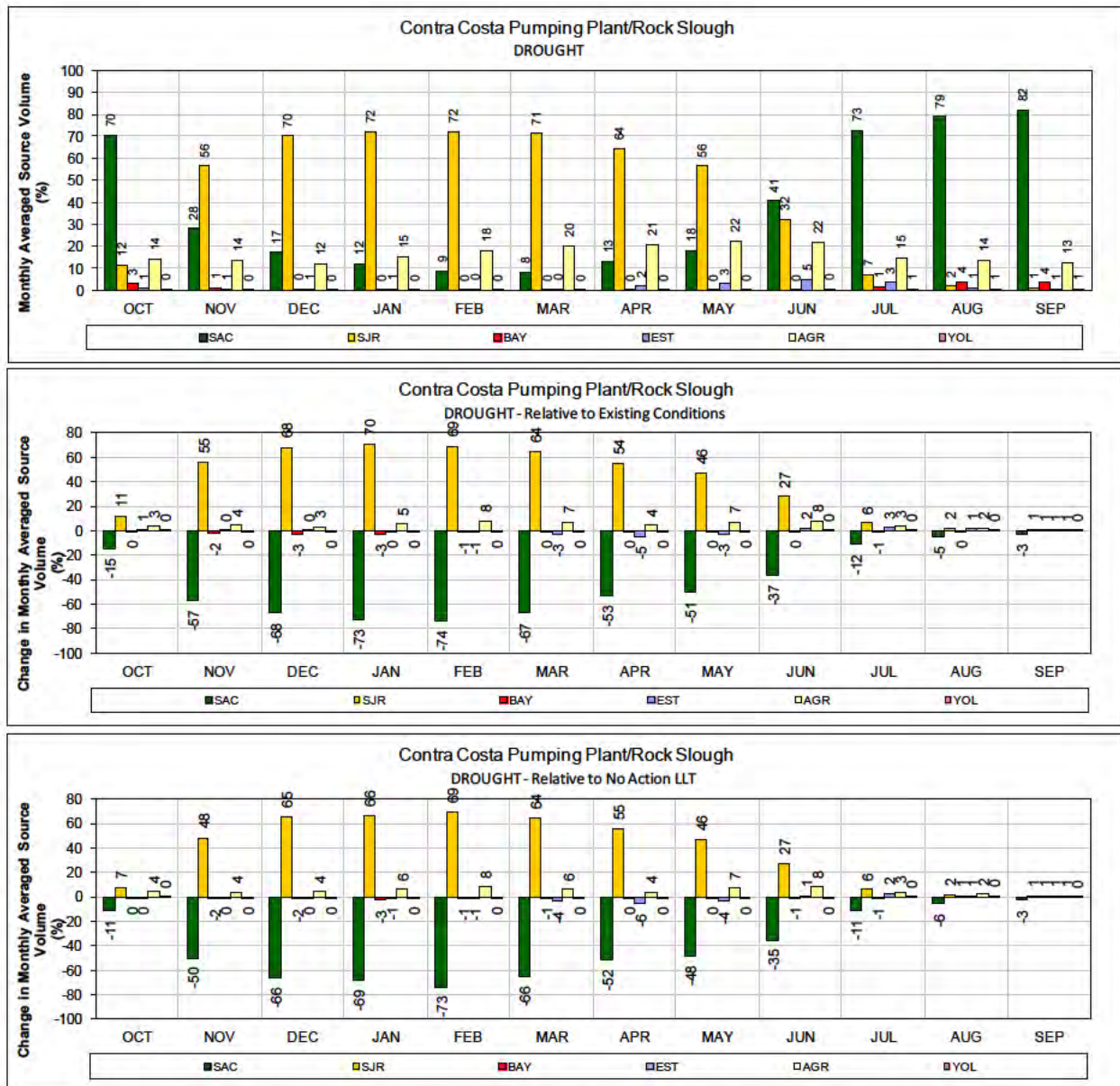
1 Figure 235. ALT 7 – North Bay Aqueduct at Barker Slough Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



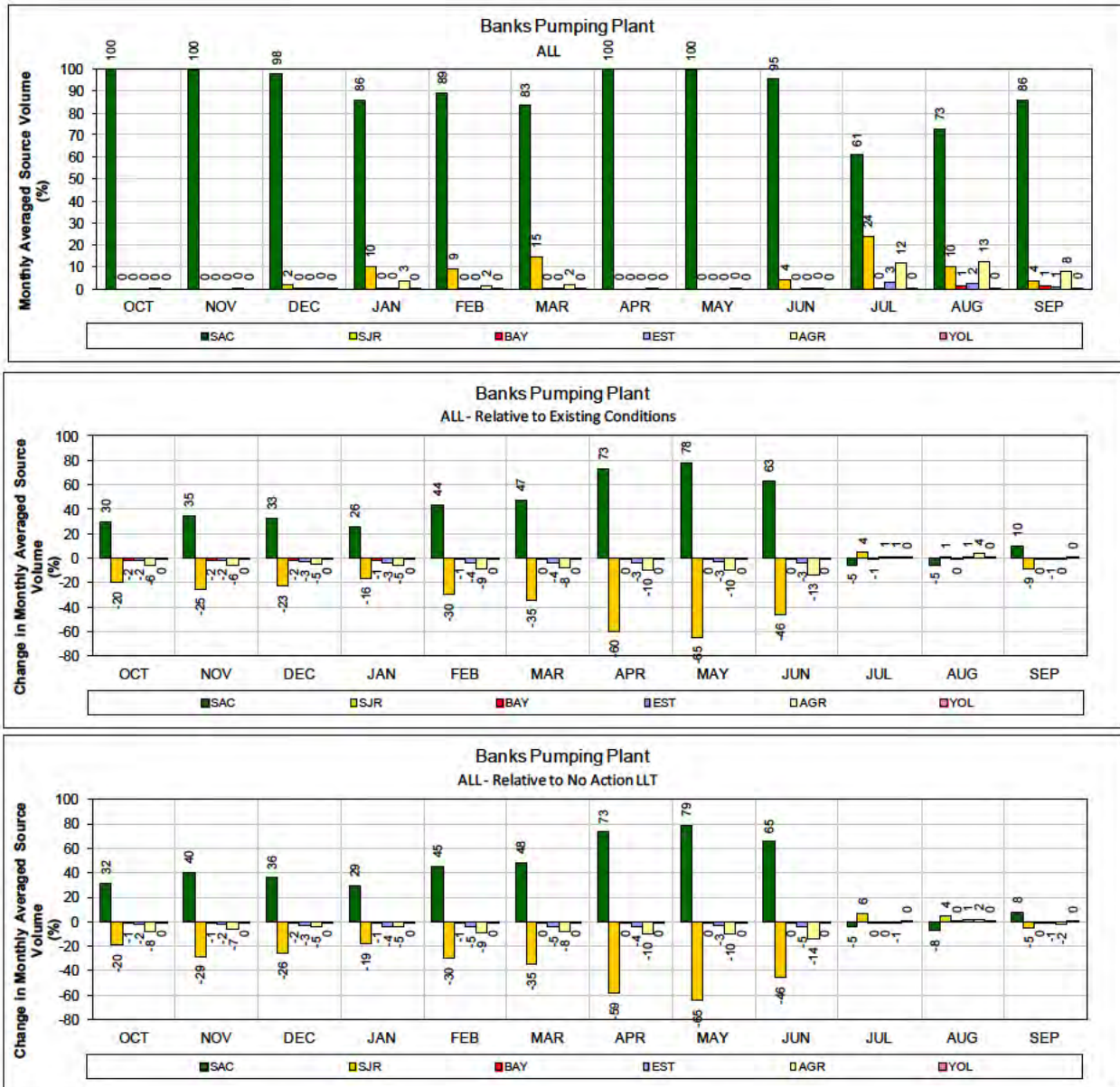
1 Figure 236. ALT 7 – North Bay Aqueduct at Barker Slough Pumping Plant for DROUGHT years
 2 (1987-1991)
 3 Monthly average source volume (top figure) and change in monthly average source volume relative to
 4 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



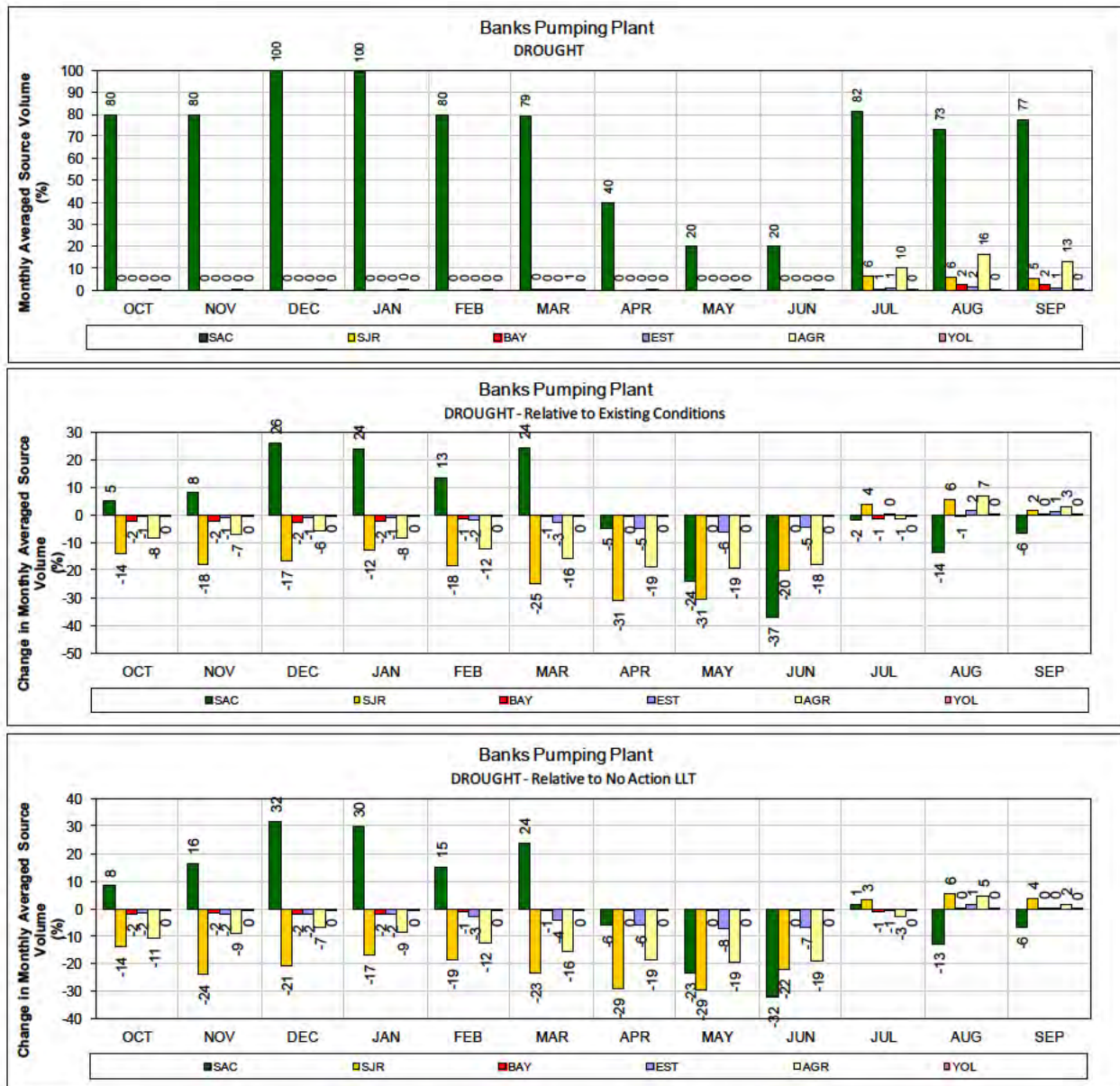
1 Figure 237. ALT 7 – Contra Costa Pumping Plant #1 for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



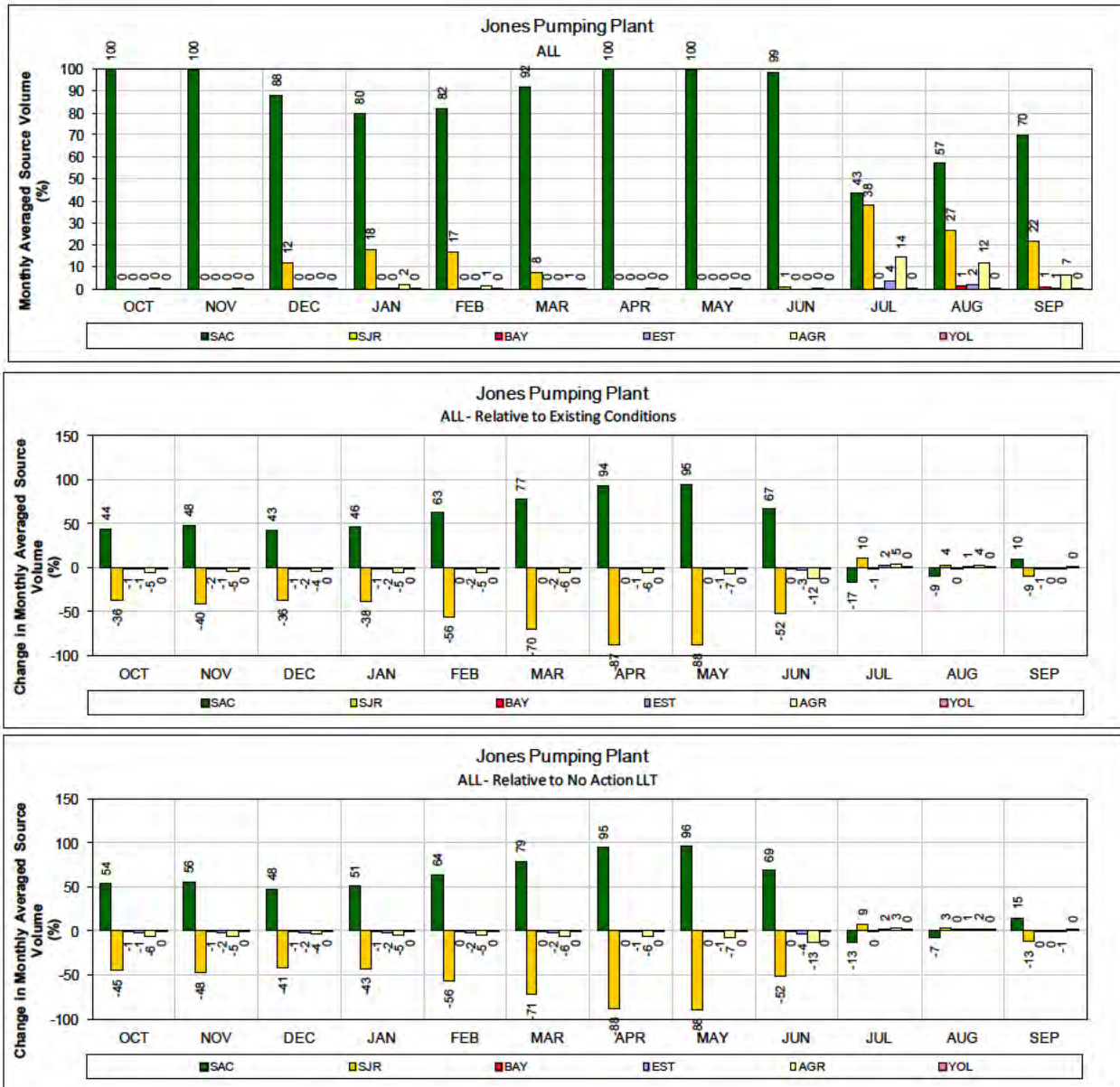
- 1 Figure 238. ALT 7 – Contra Costa Pumping Plant #1 for DROUGHT years (1987-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).
- 3



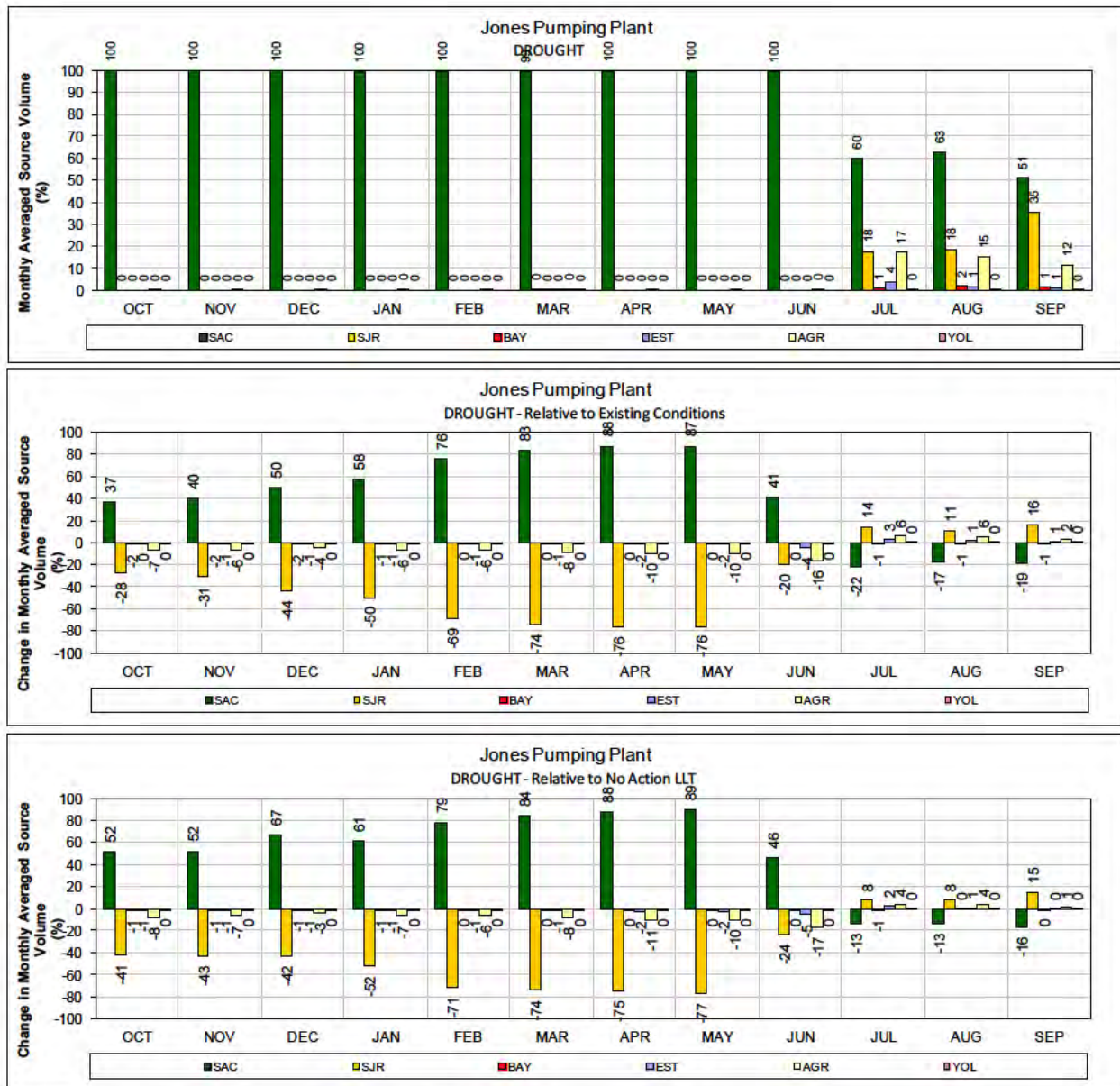
1 Figure 239. ALT 7 – Banks Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



- 1 **Figure 240. ALT 7 – Banks Pumping Plant for DROUGHT years (1987-1991)**
- 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**
- 3

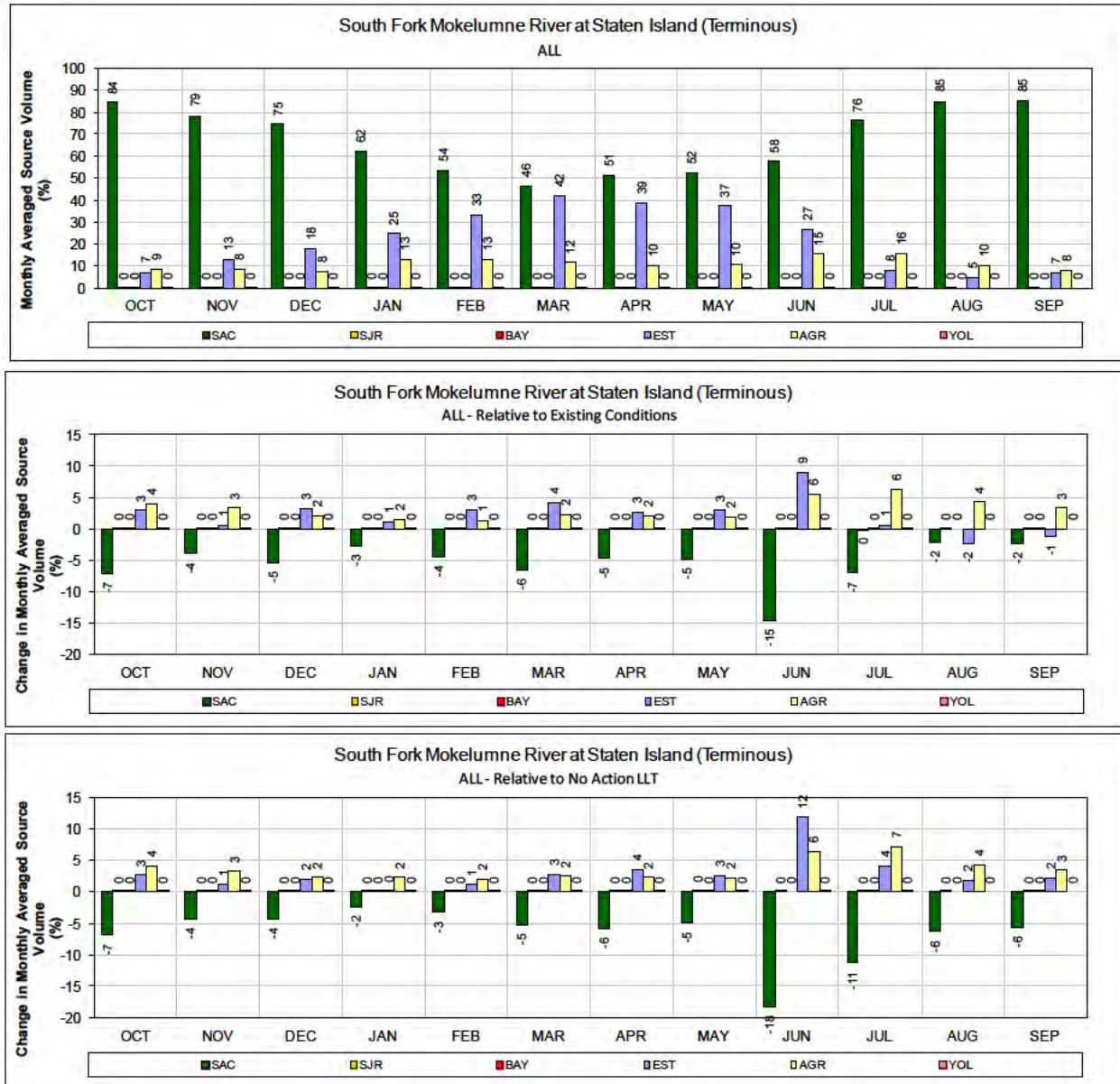


1 Figure 241. ALT 7 – Jones Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).

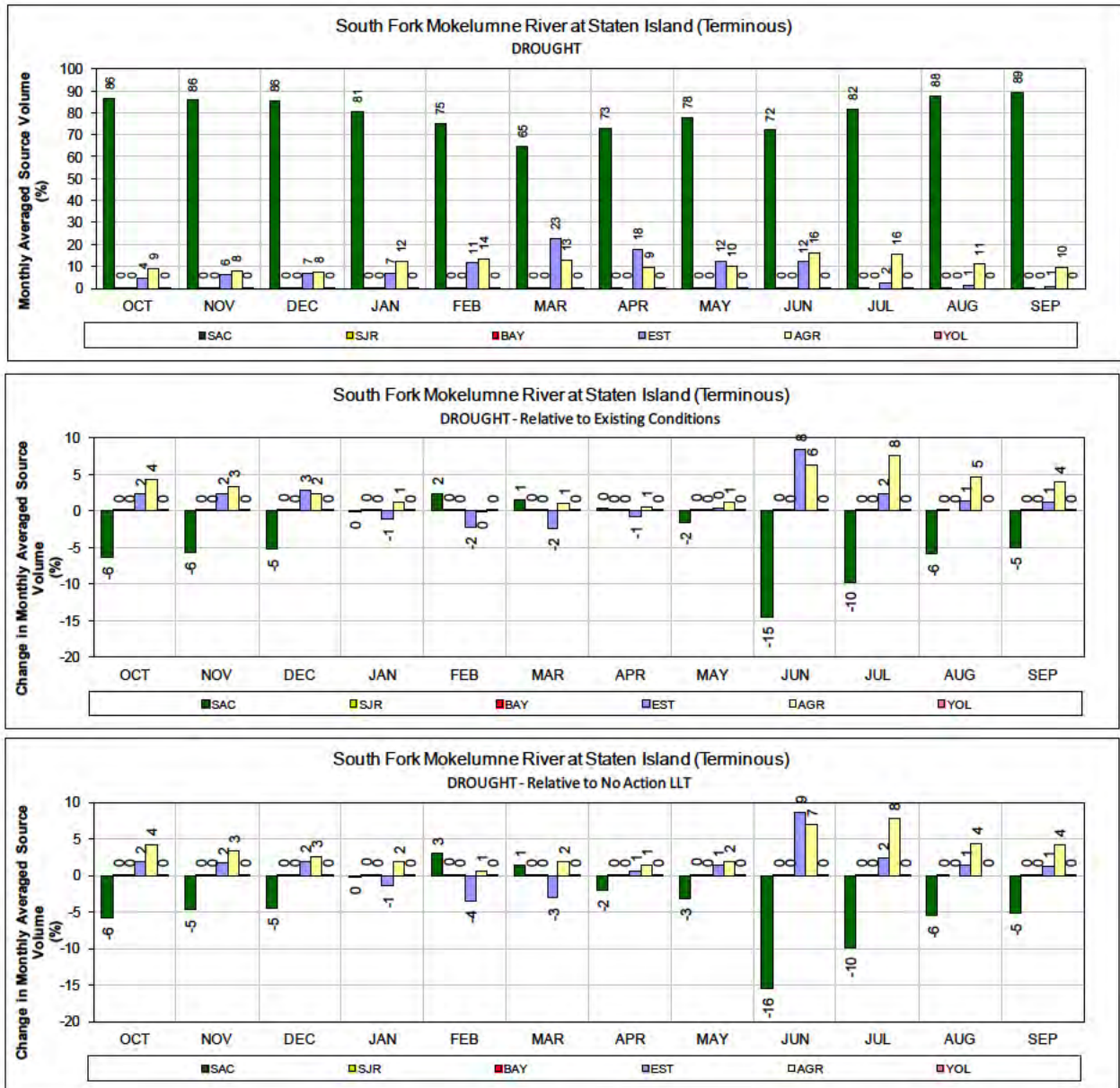


- 1 Figure 242. ALT 7 – Jones Pumping Plant for DROUGHT years (1987-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).
- 3

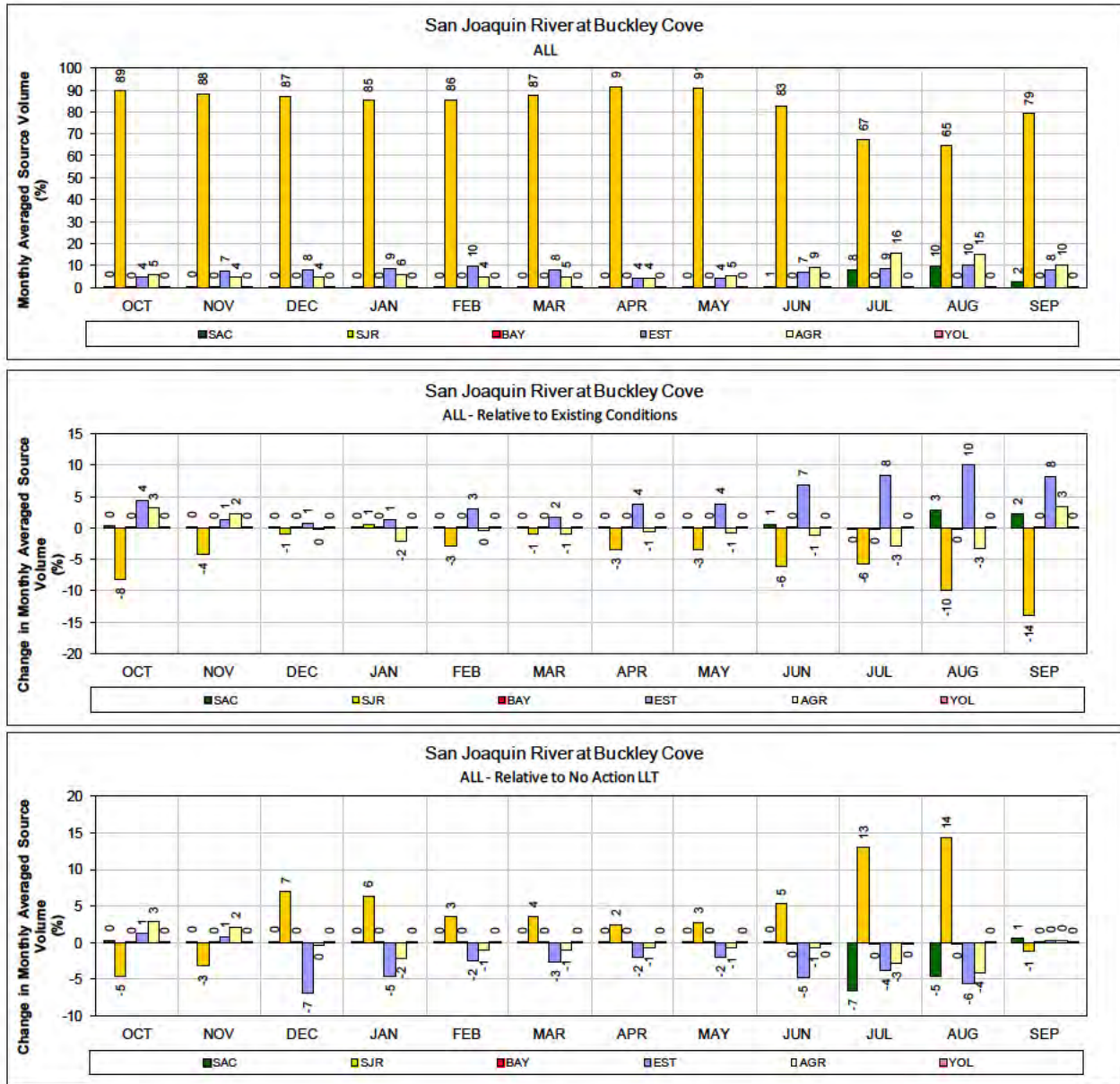
Alternative 8 LLT



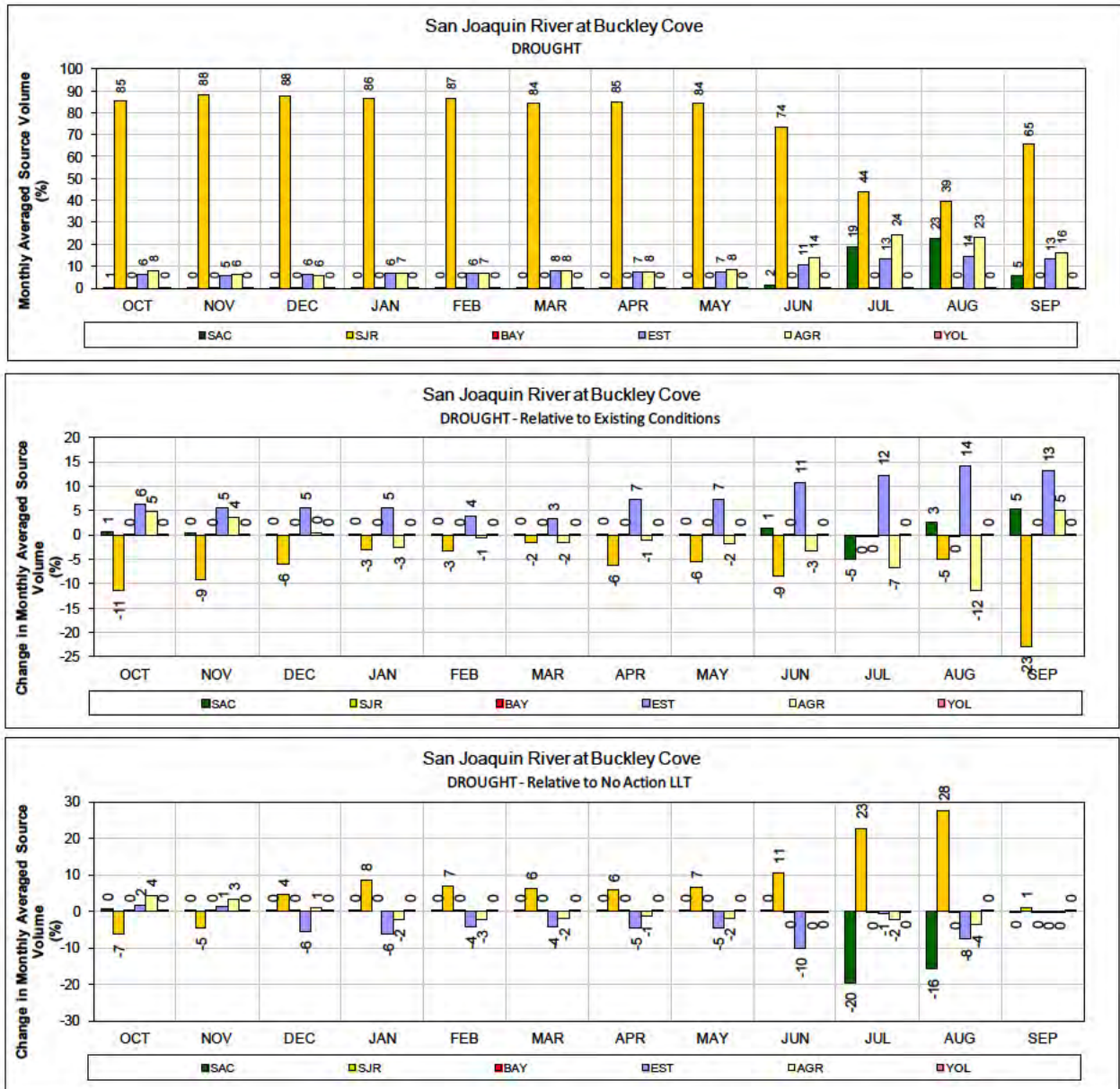
1 Figure 243. ALT 8 – Mokelumne River (South Fork) at Staten Island for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



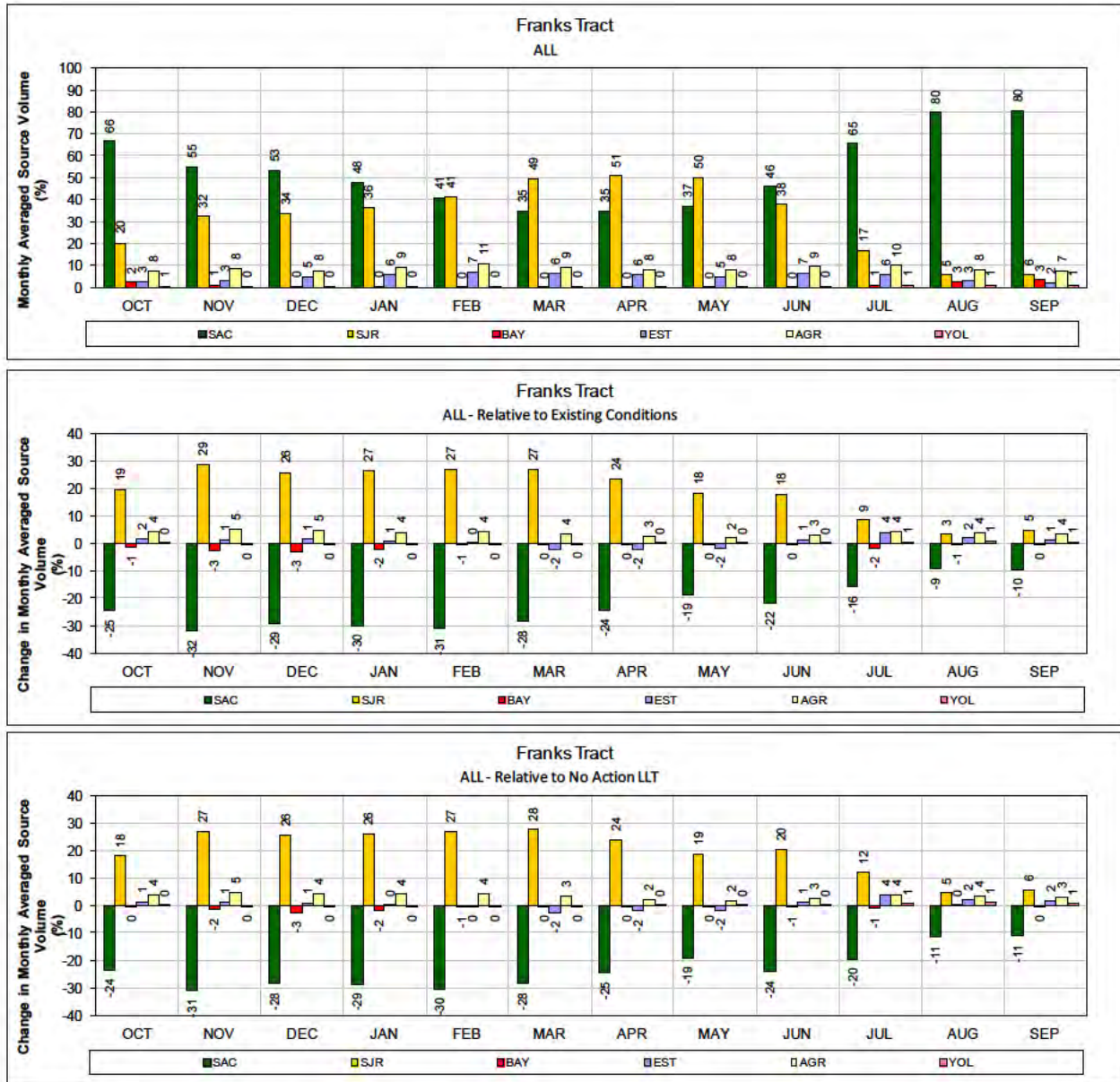
1 Figure 244. ALT 8 – Mokelumne River (South Fork) at Staten Island for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



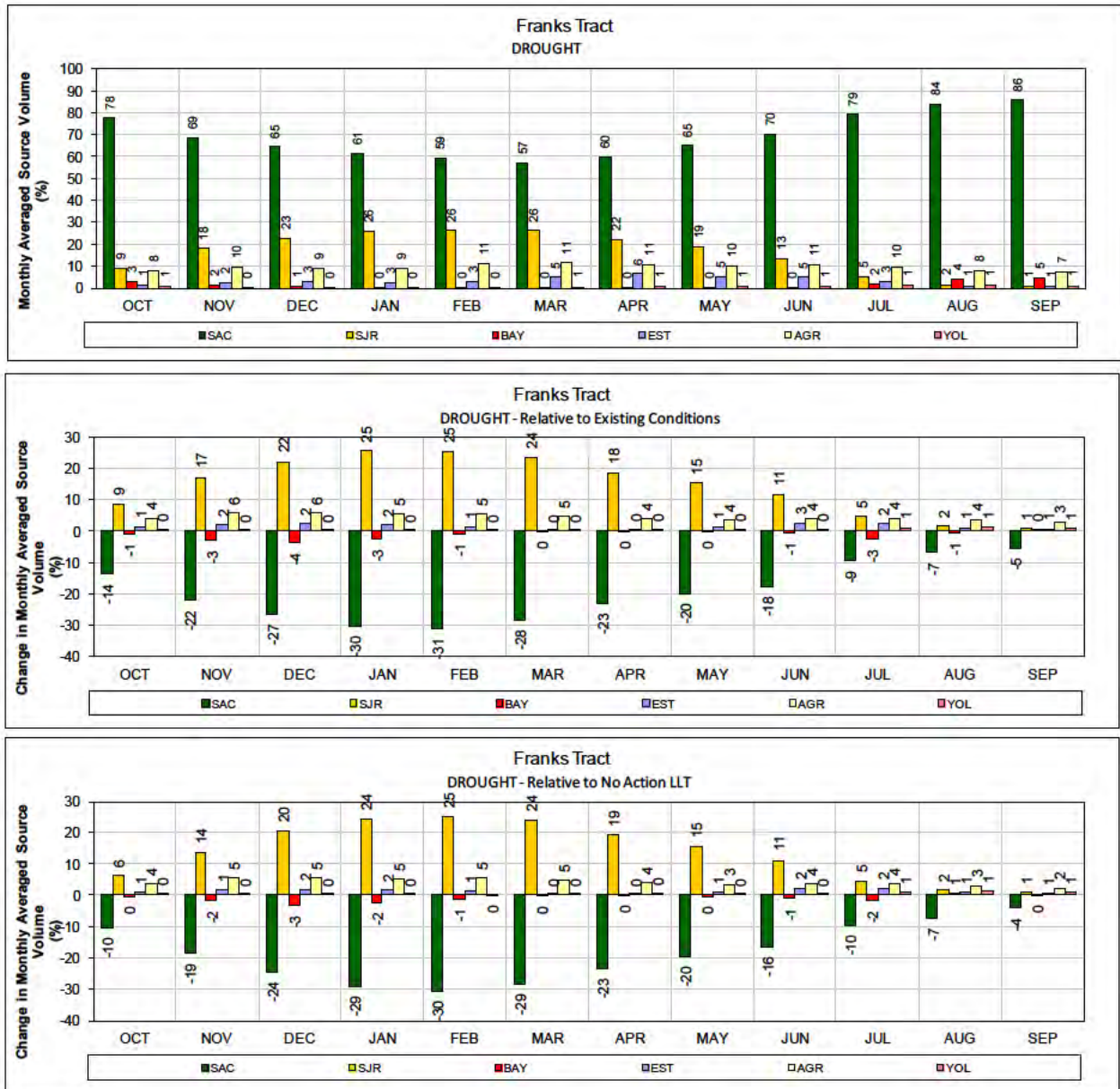
1 Figure 245. ALT 8 – San Joaquin River at Buckley Cove for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



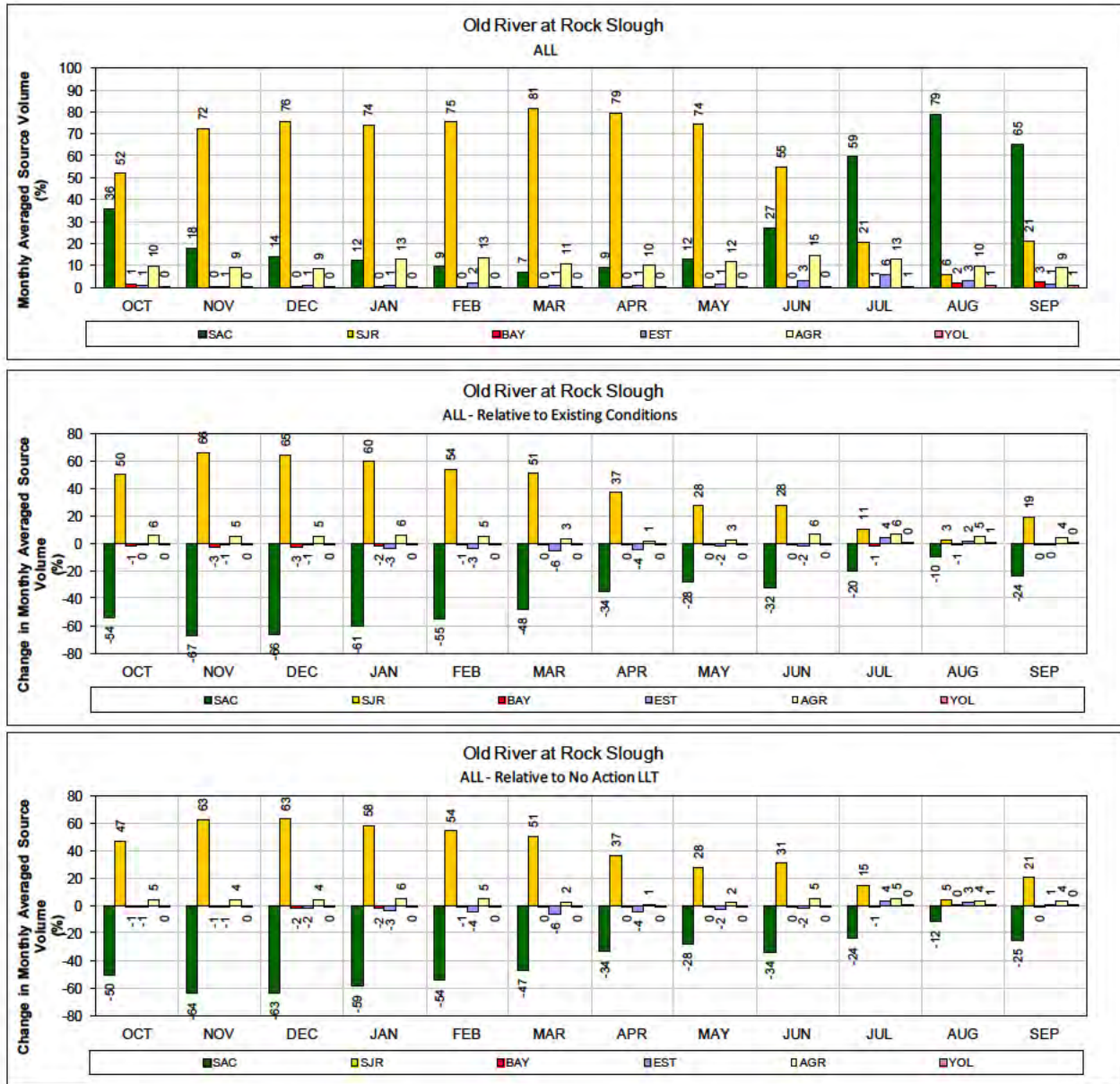
1 Figure 246. ALT 8 – San Joaquin River at Buckley Cove for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



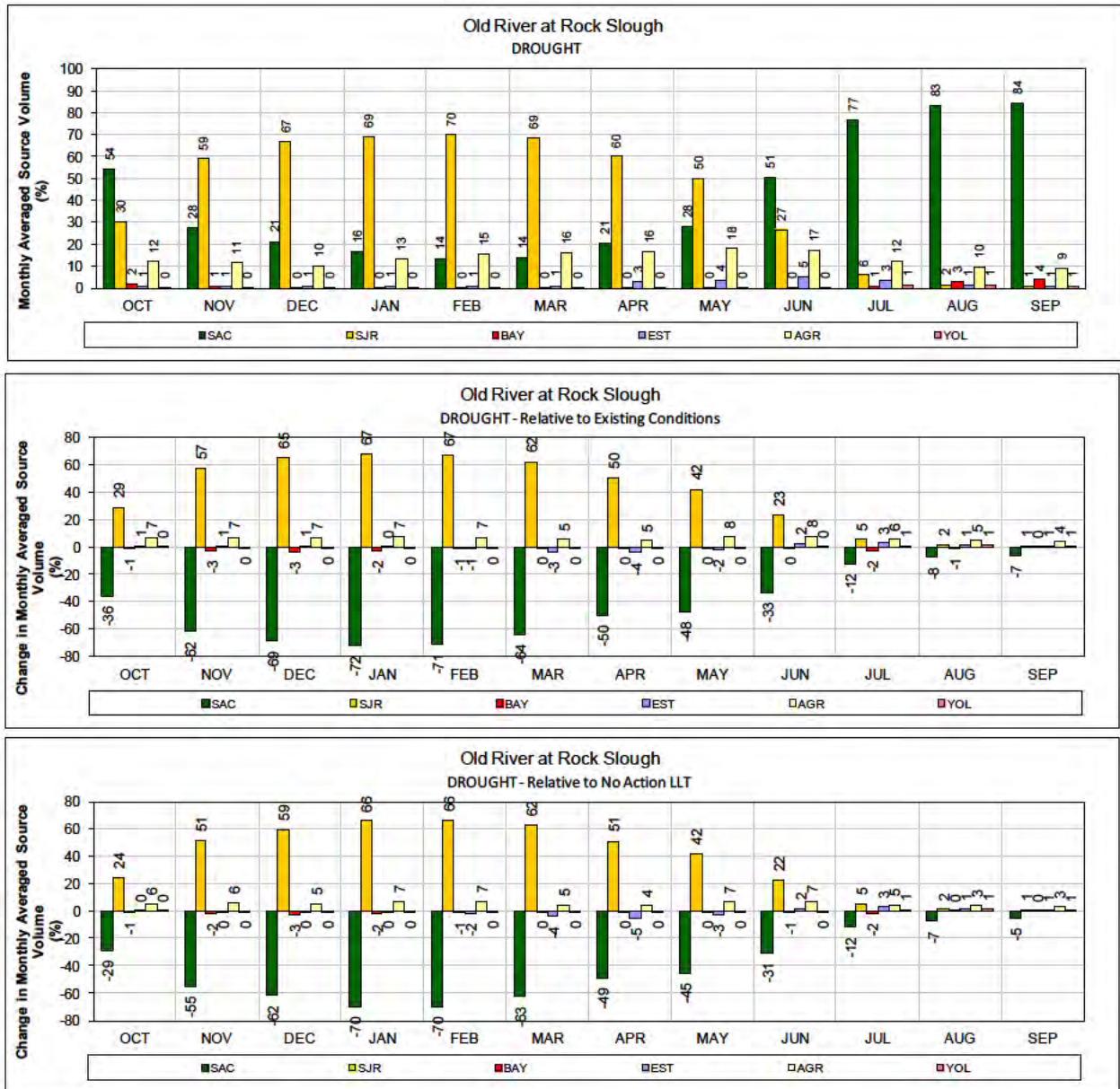
1 **Figure 247. ALT 8 – Franks Tract for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



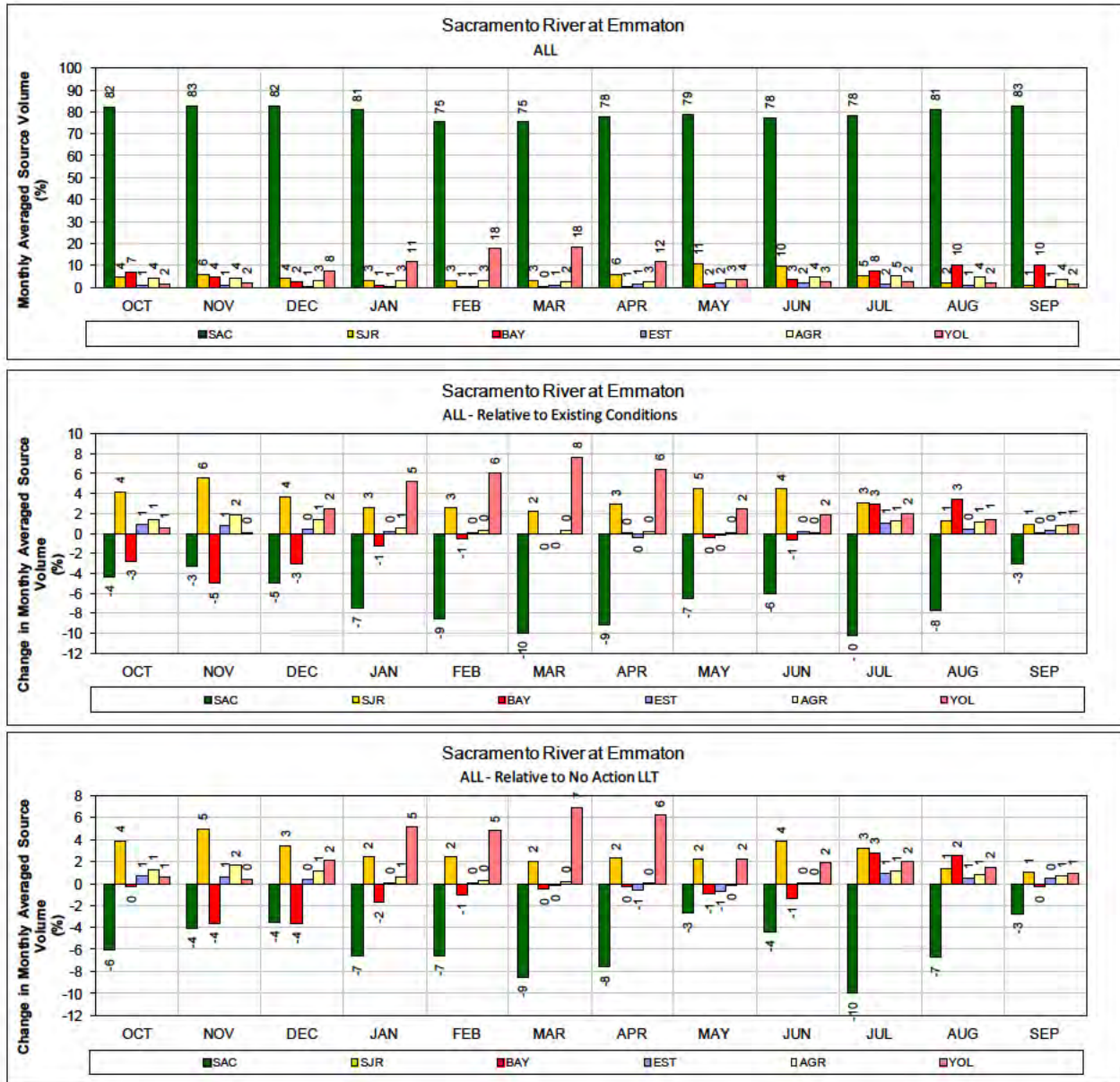
1 Figure 248. ALT 8 – Franks Tract for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



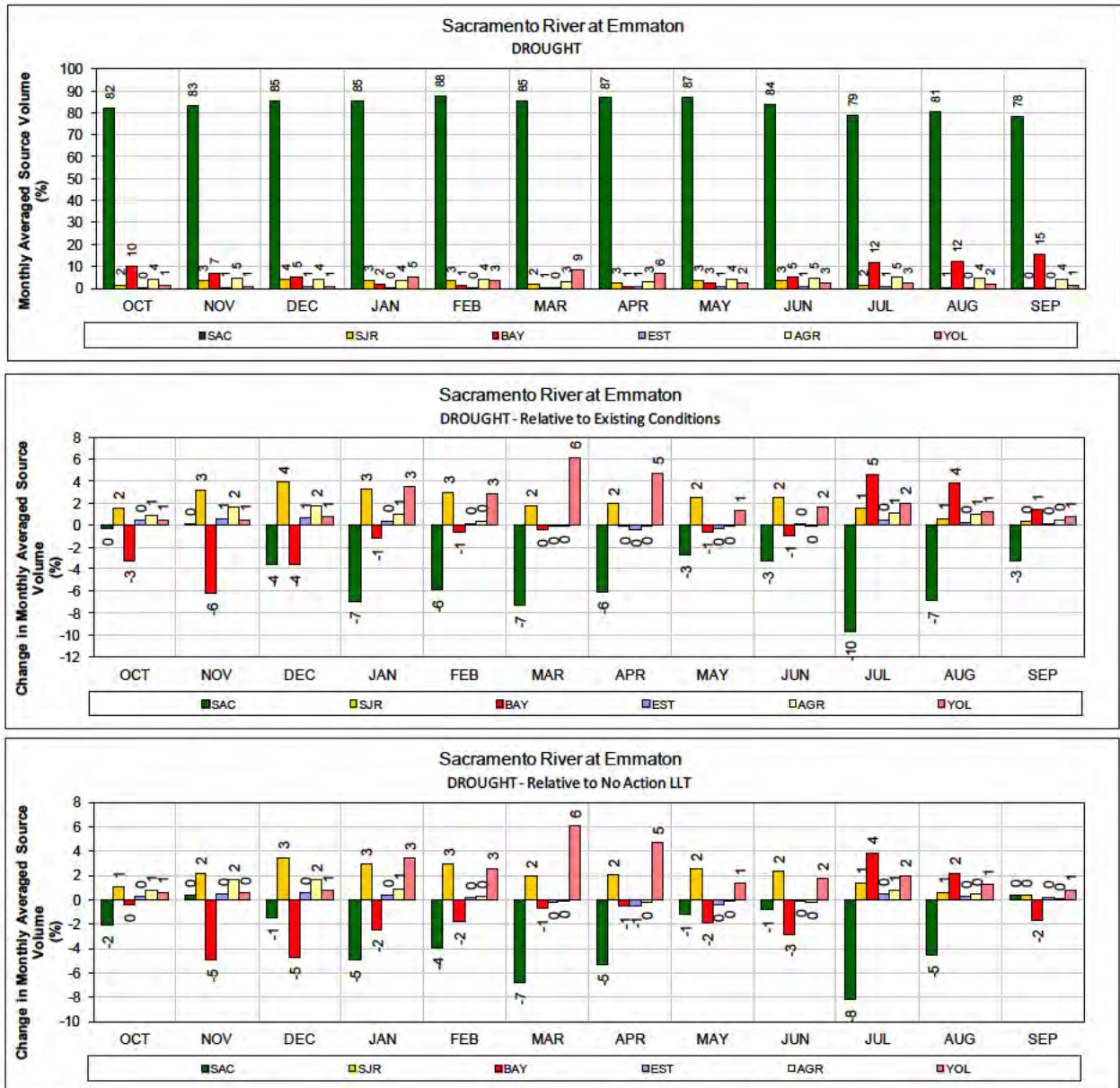
1 Figure 249. ALT 8 – Old River at Rock Slough for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



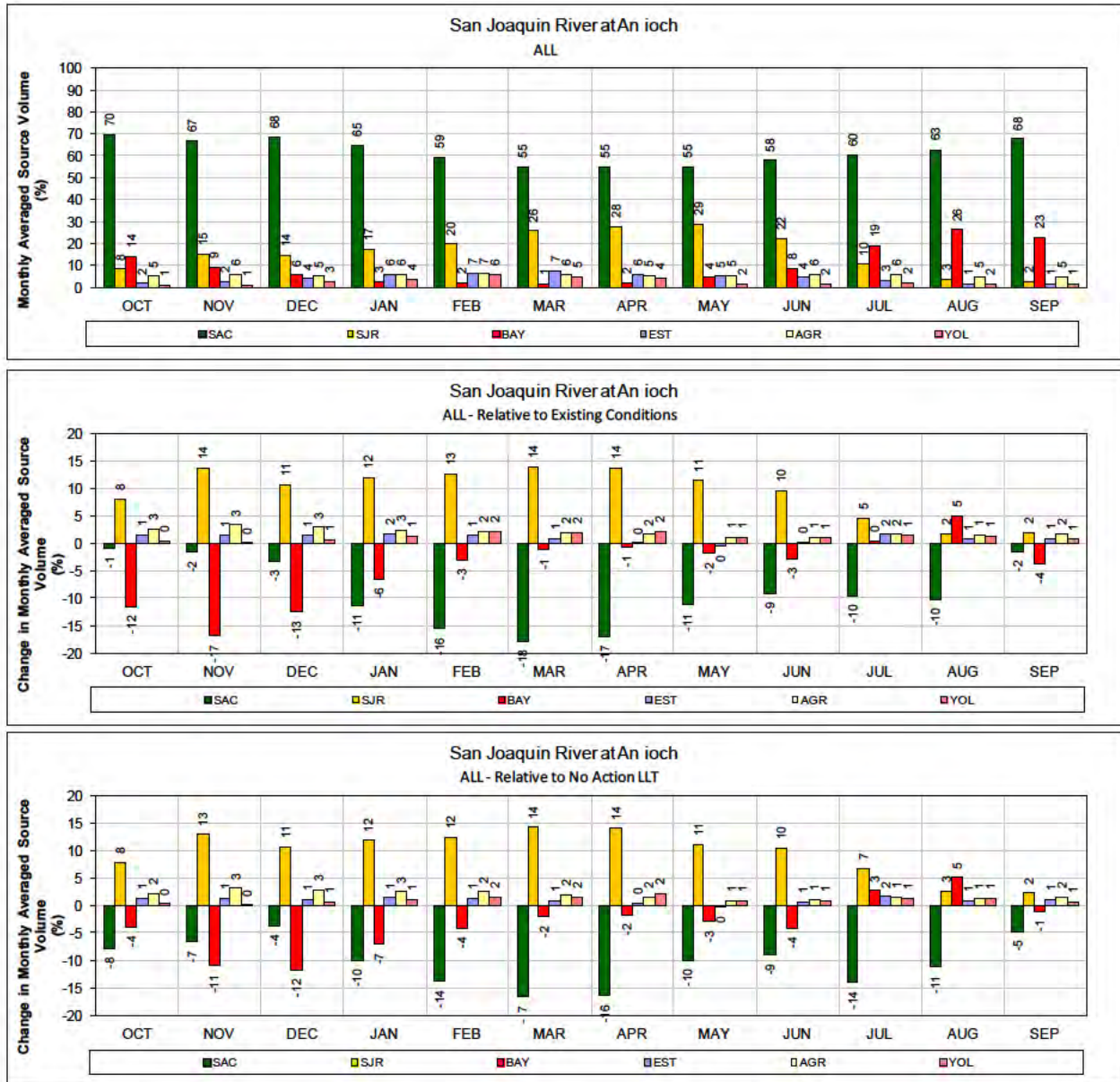
1 Figure 250. ALT 8 – Old River at Rock Slough for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



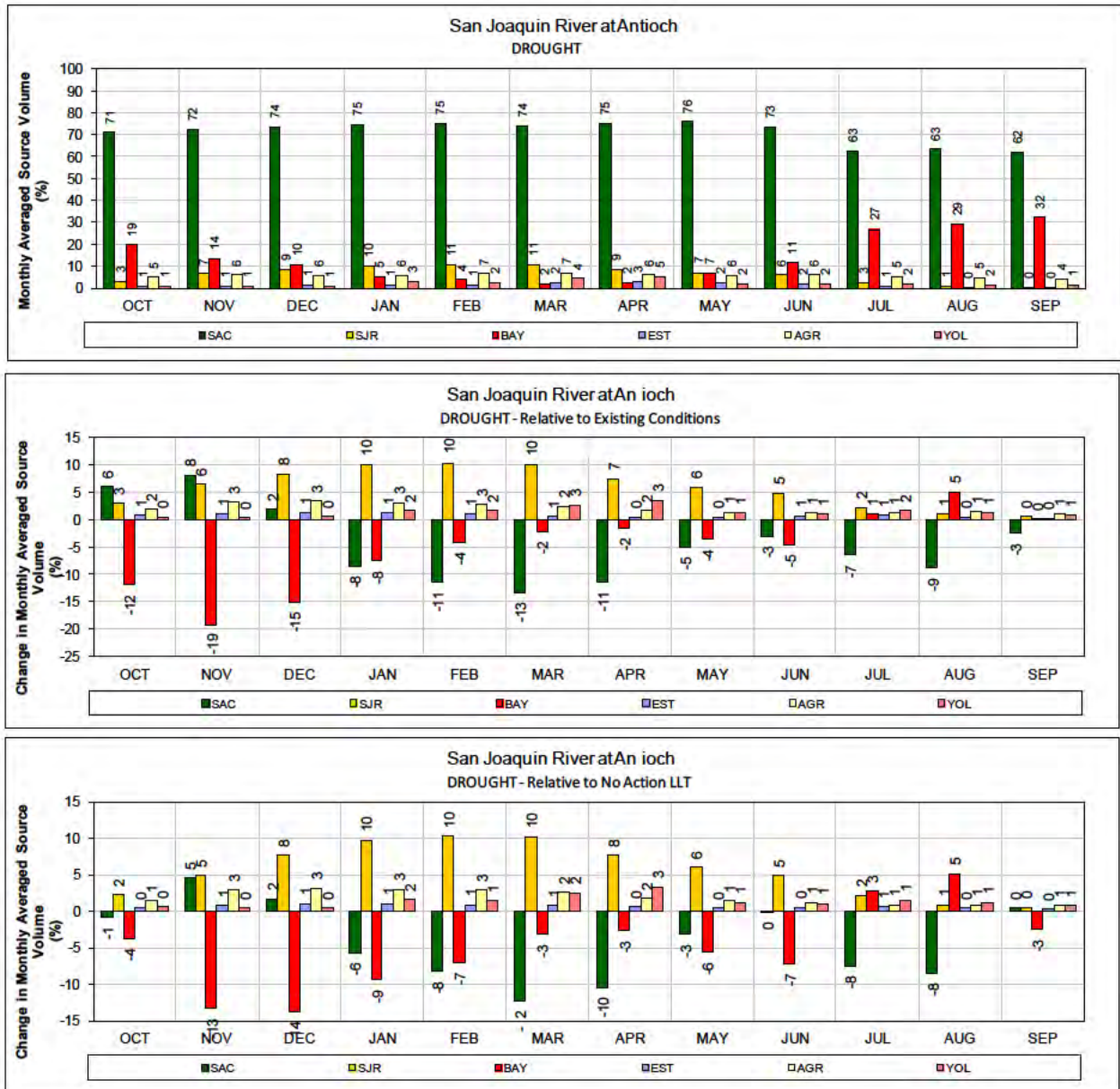
1 Figure 251. ALT 8 – Sacramento River at Emmatton for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



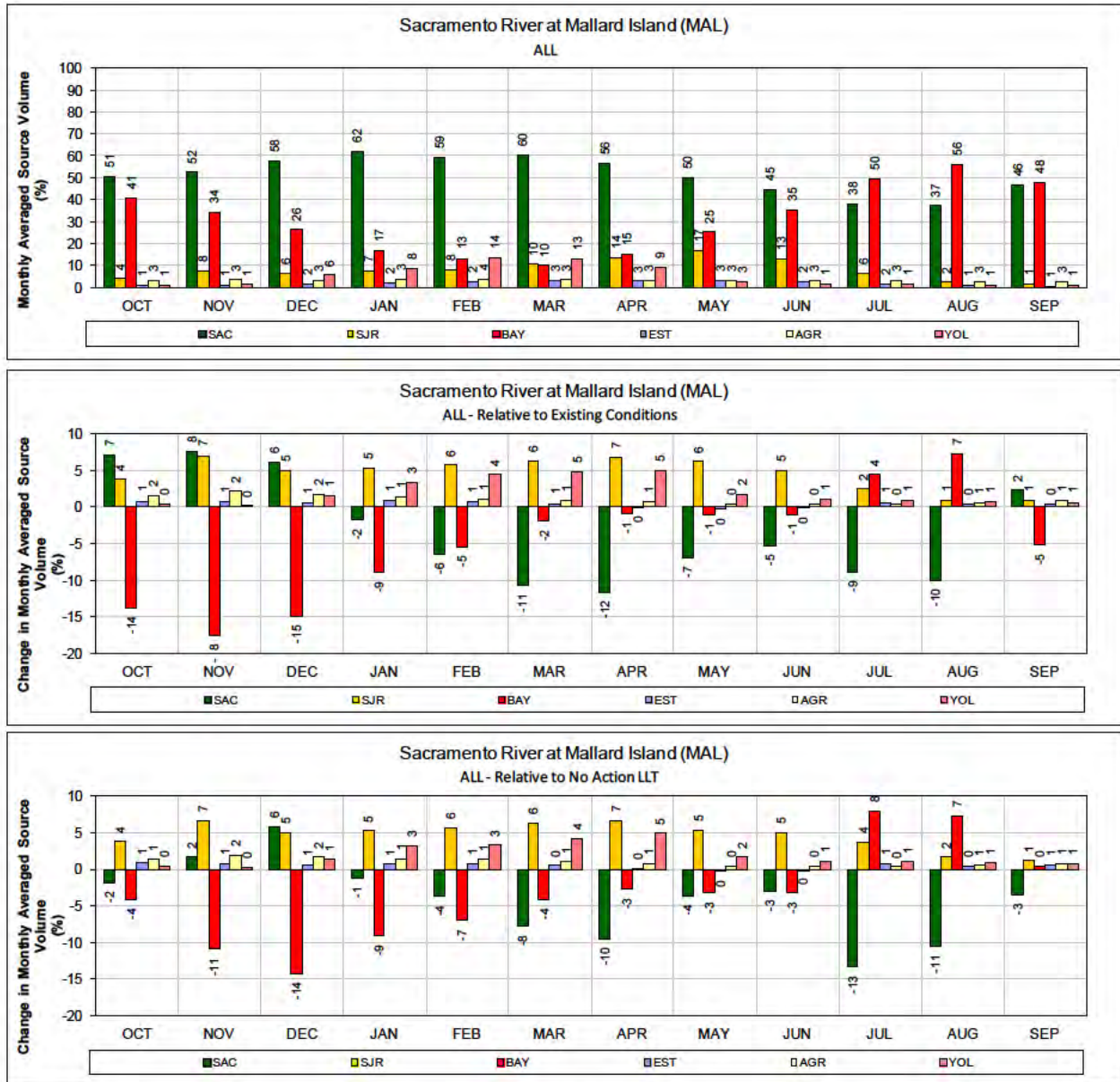
1 Figure 252. ALT 8 – Sacramento River at Emmaton for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



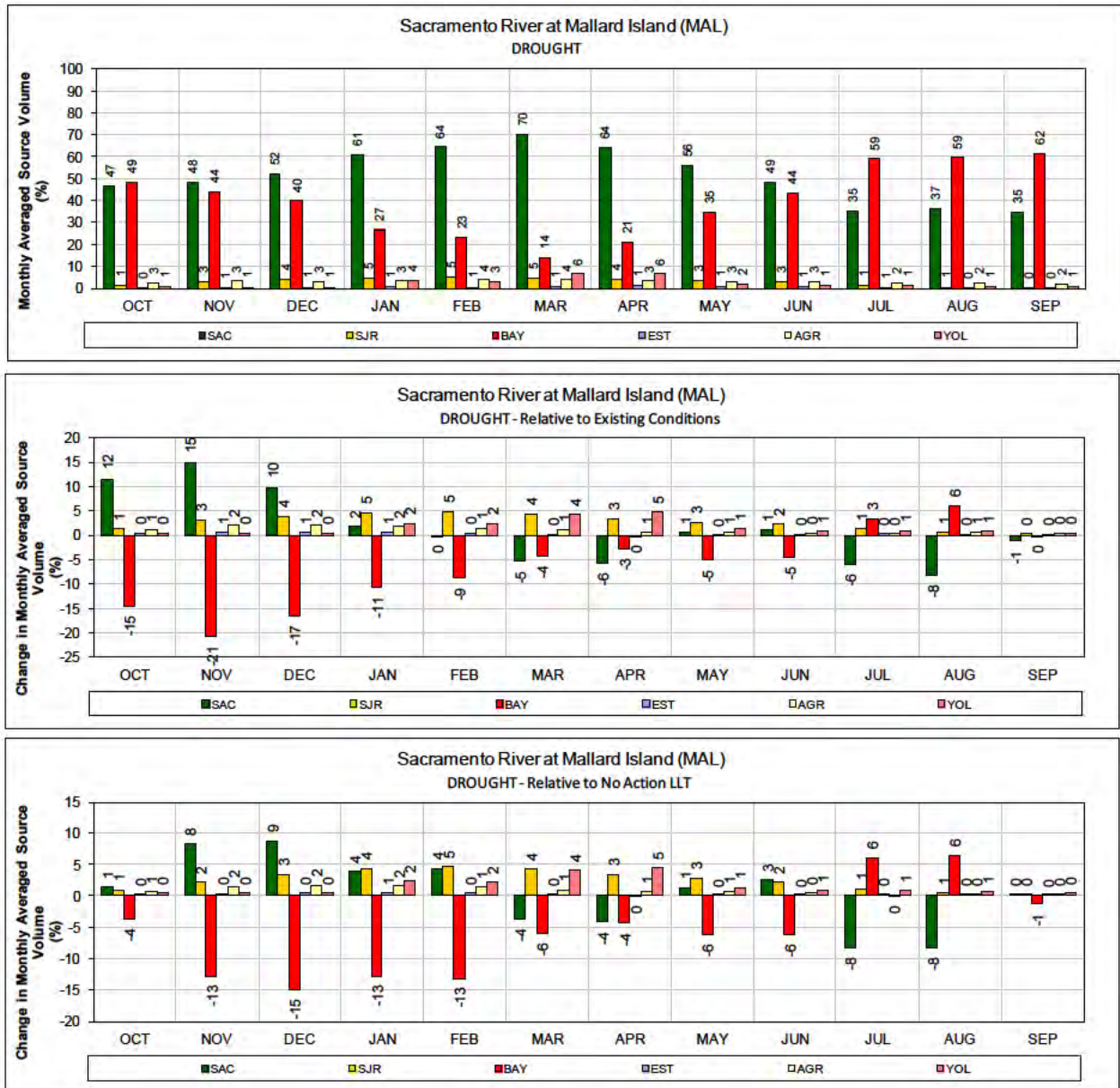
1 Figure 253. ALT 8 – San Joaquin River at Antioch for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



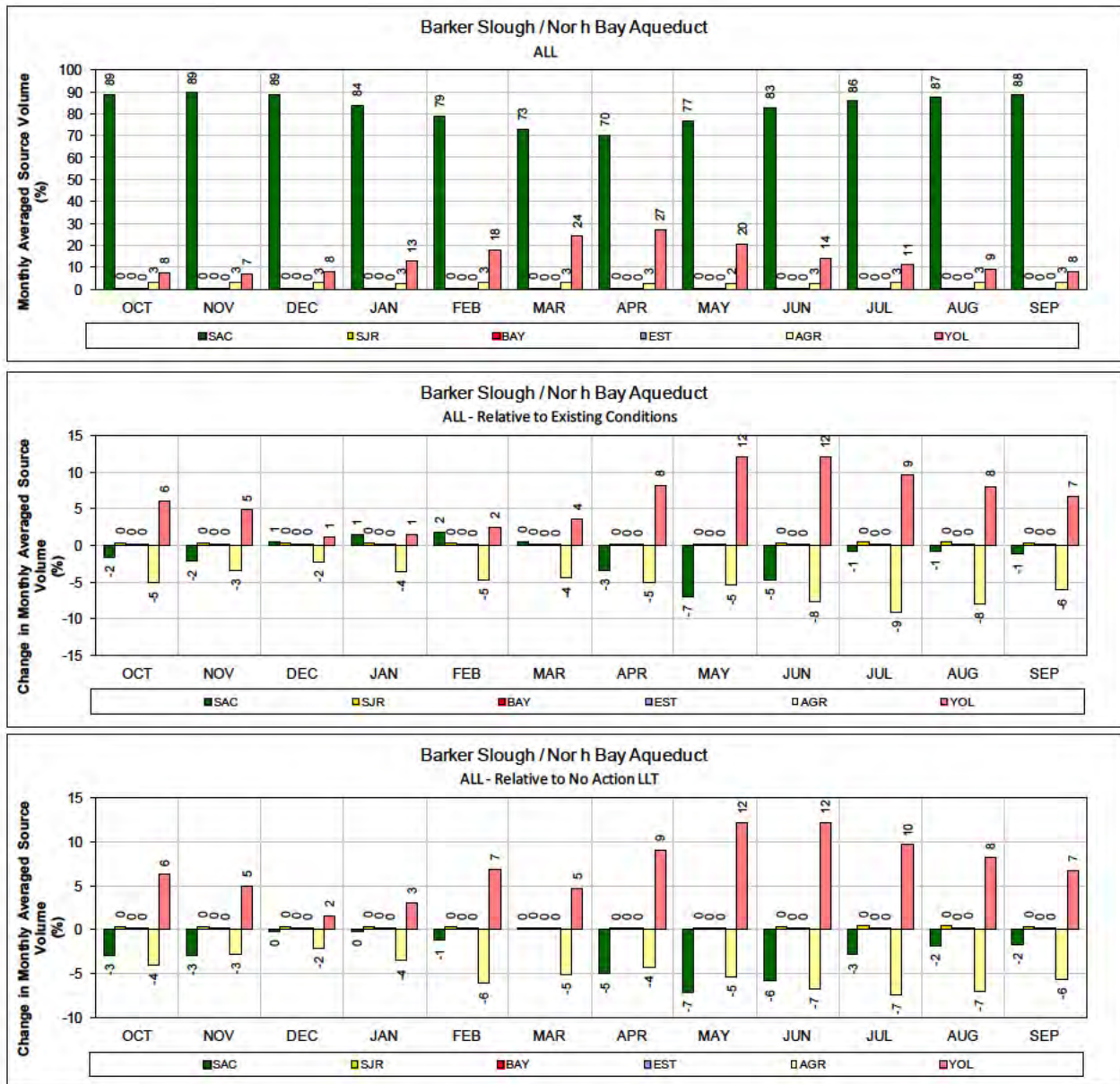
1 Figure 254. ALT 8 – San Joaquin River at Antioch for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



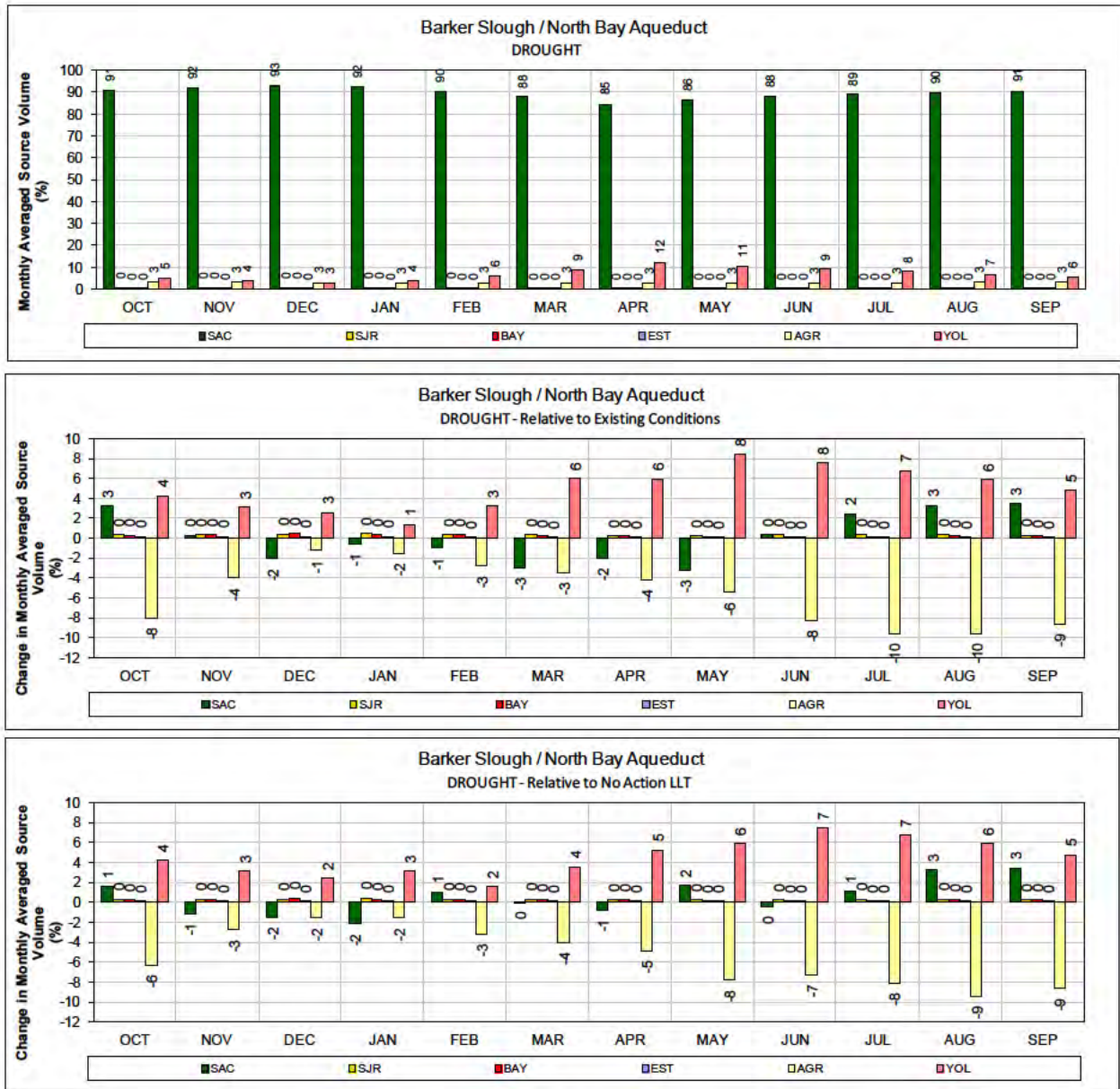
1 Figure 255. ALT 8 – Sacramento River at Mallard Island for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



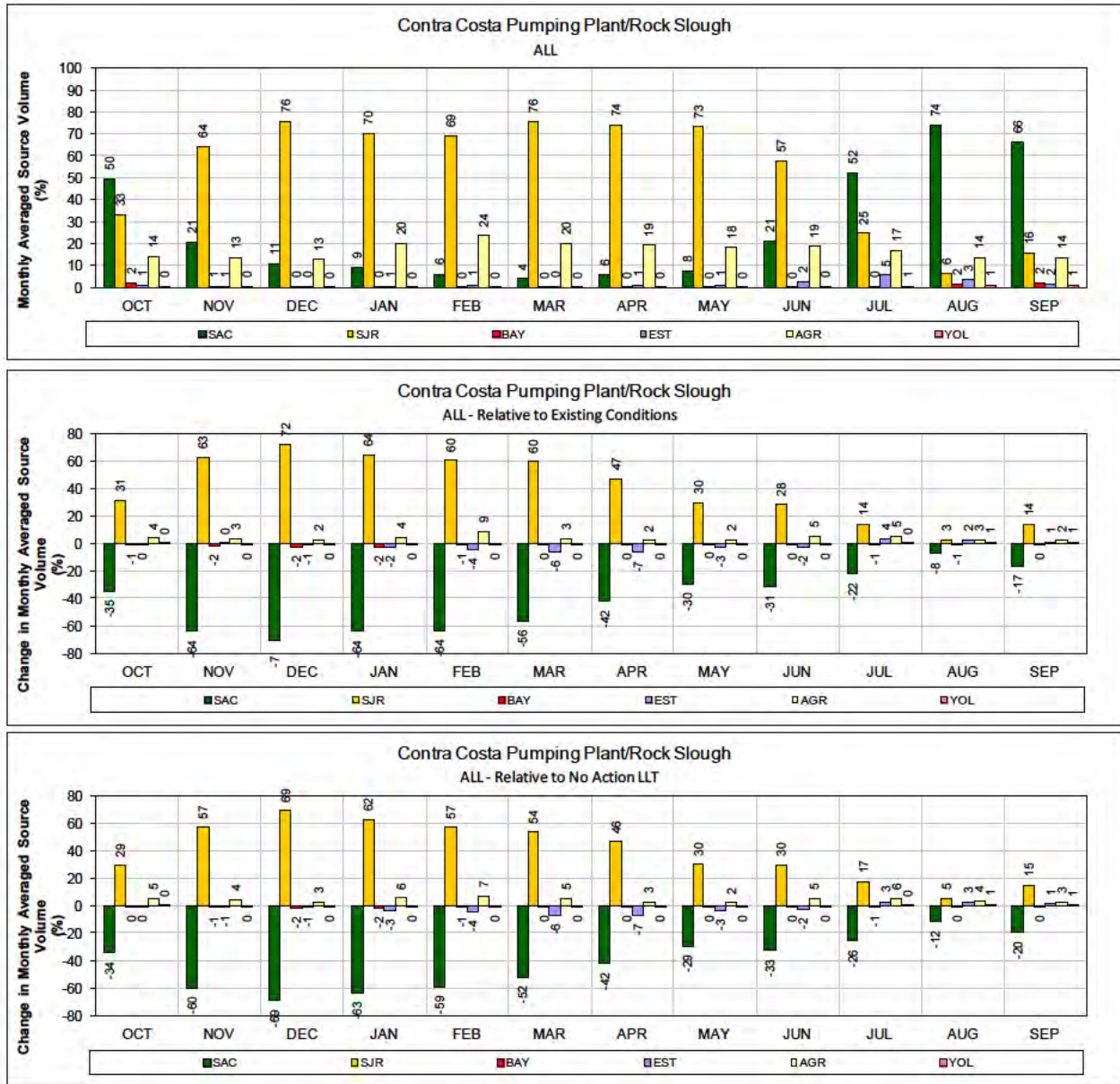
1 Figure 256. ALT 8 – Sacramento River at Mallard Island for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



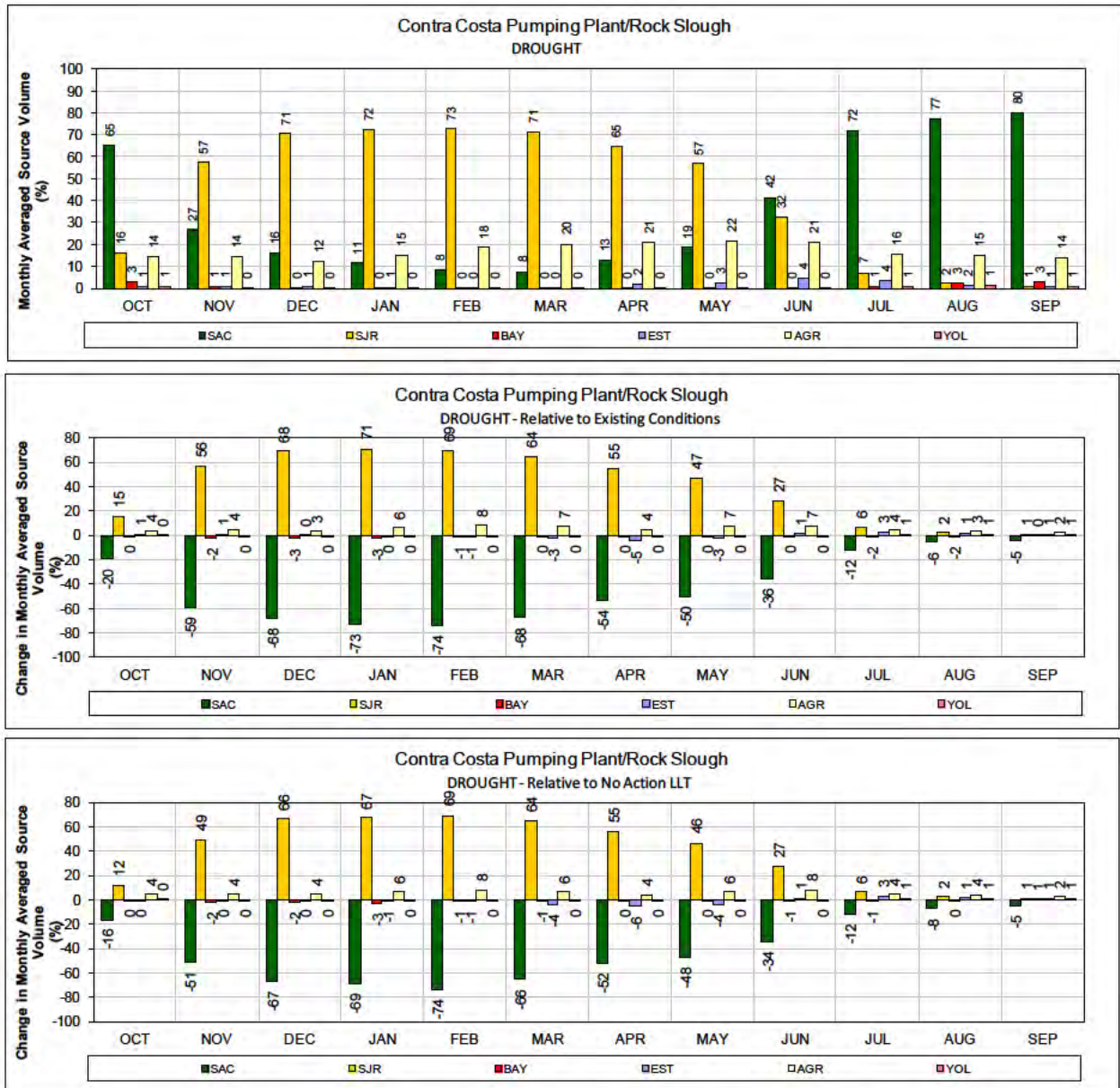
1 Figure 257. ALT 8 – North Bay Aqueduct at Barker Slough Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



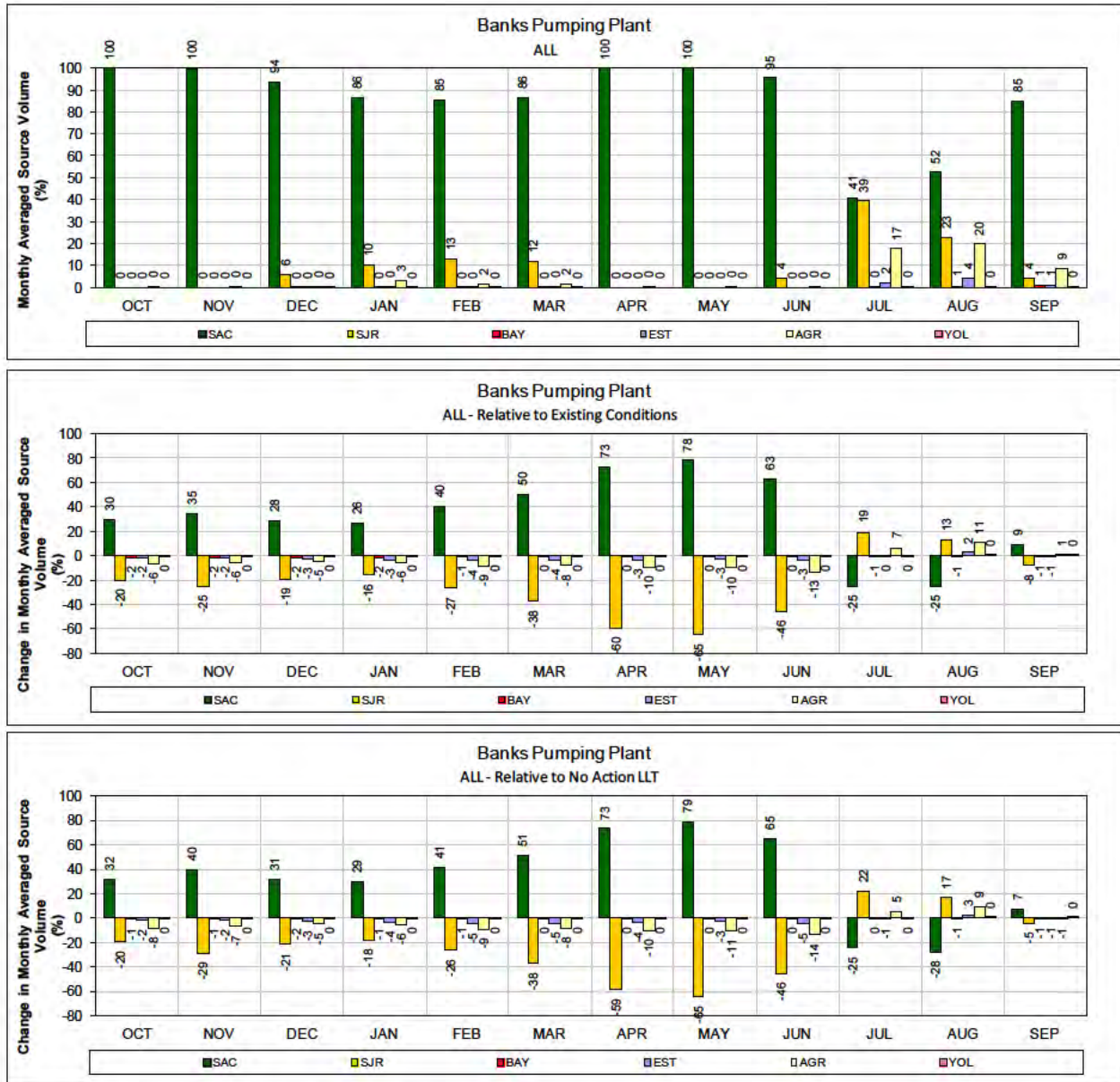
1 Figure 258. ALT 8 – North Bay Aqueduct at Barker Slough Pumping Plant for DROUGHT years
 2 (1987-1991)
 3 Monthly average source volume (top figure) and change in monthly average source volume relative to
 4 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



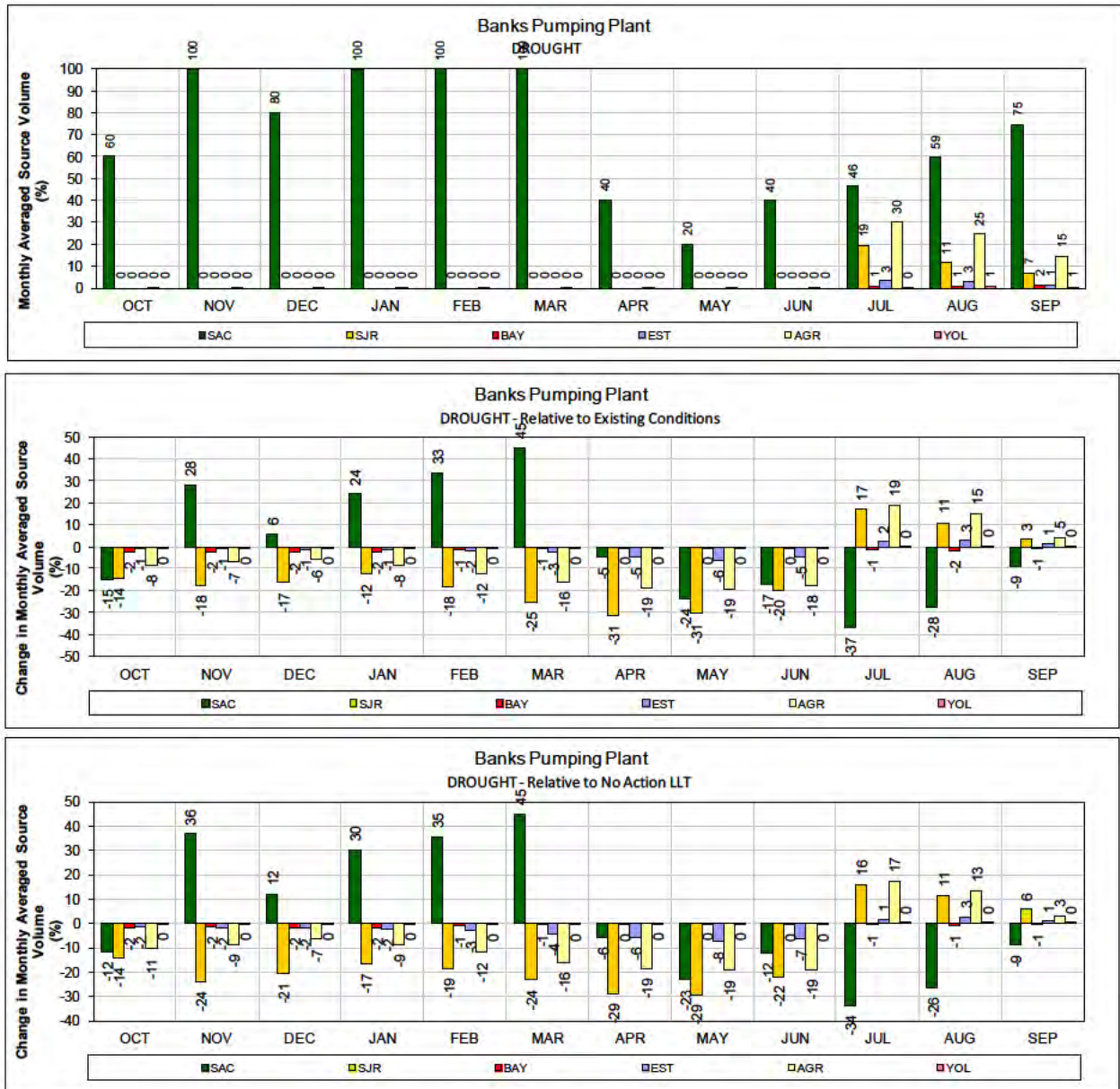
1 Figure 259. ALT 8 – Contra Costa Pumping Plant #1 for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



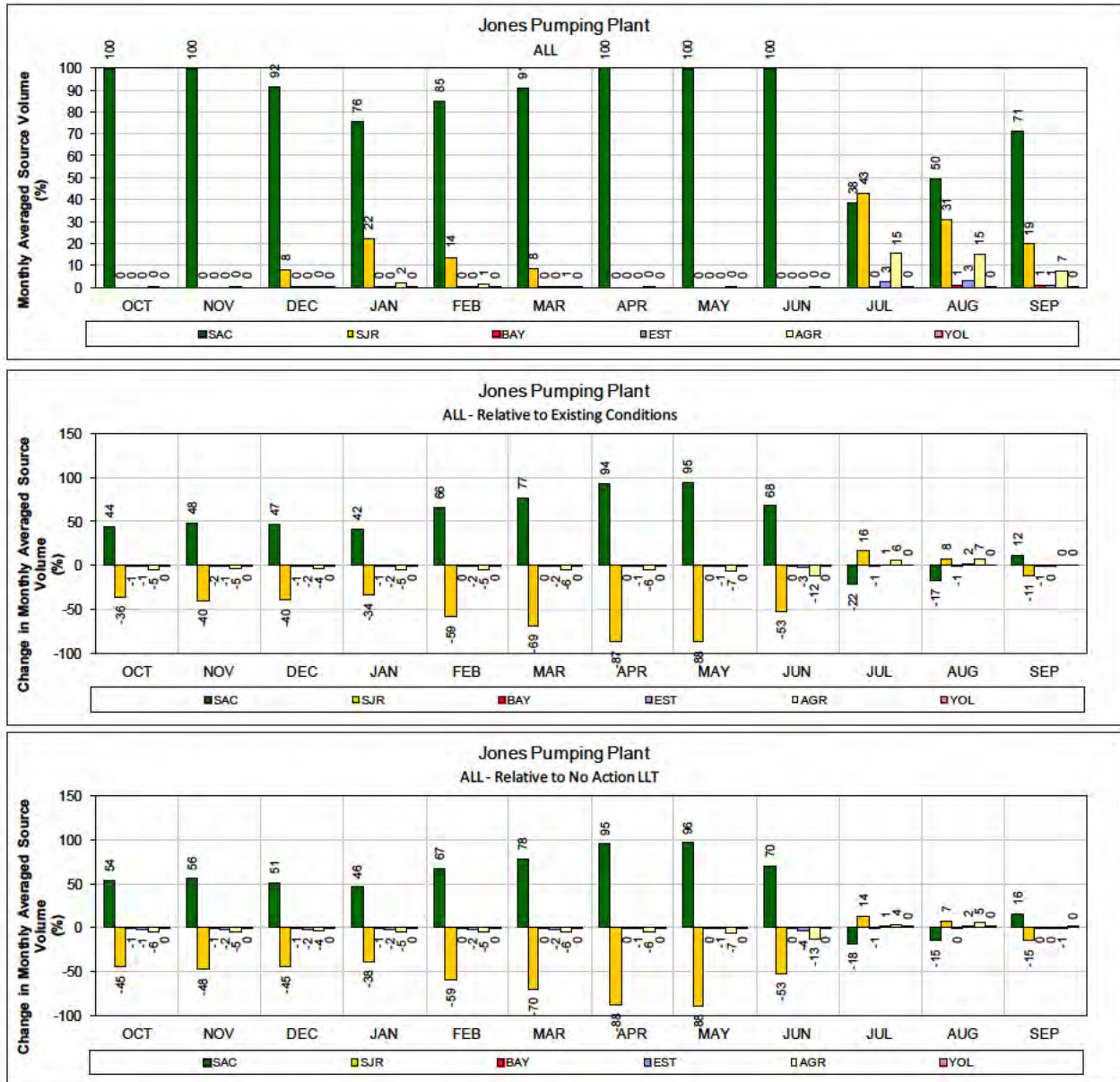
1 Figure 260. ALT 8 – Contra Costa Pumping Plant #1 for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



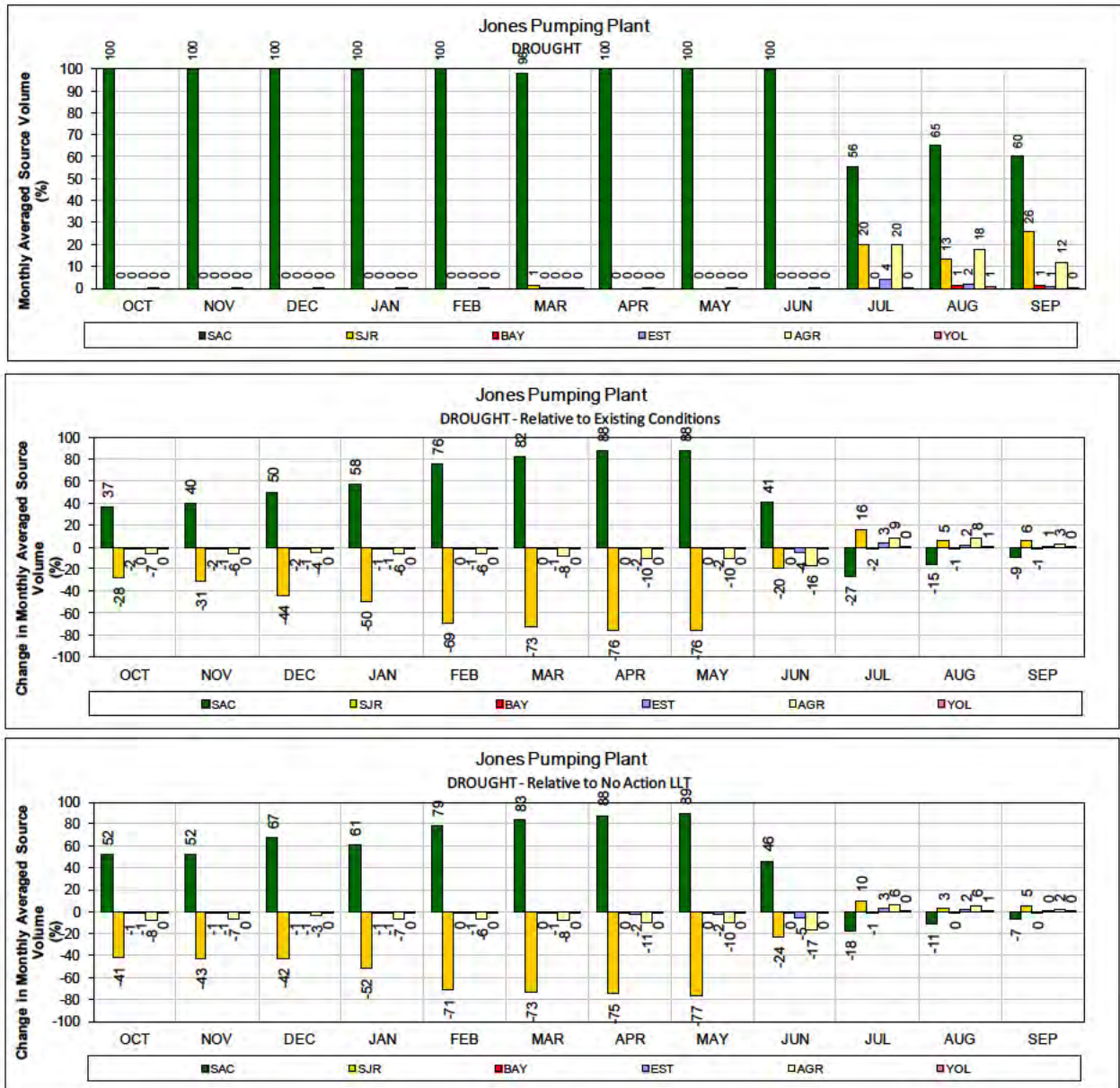
1 Figure 261. ALT 8 – Banks Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



- 1 Figure 262. ALT 8 – Banks Pumping Plant for DROUGHT years (1987-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
- 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).

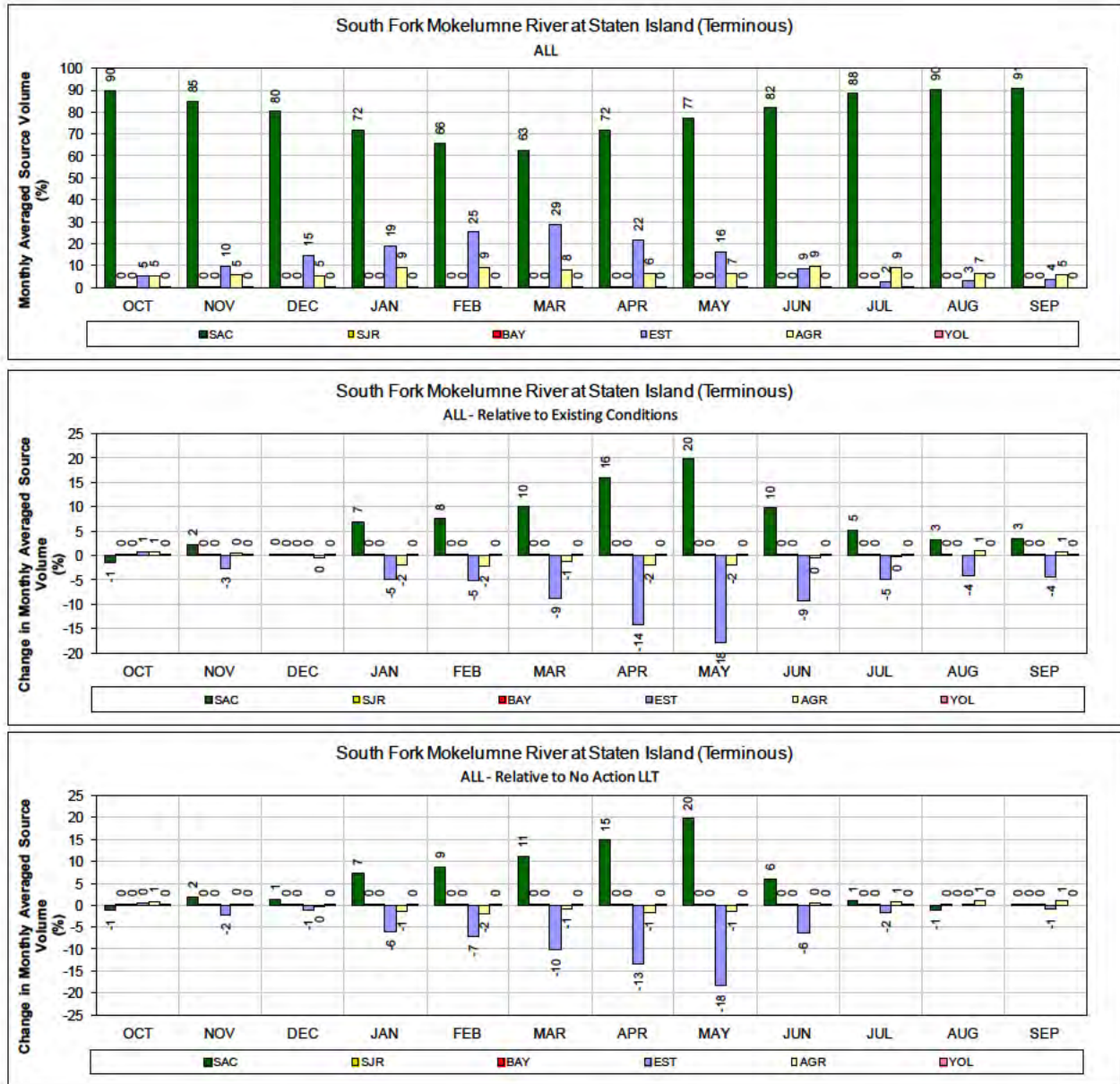


1 **Figure 263. ALT 8 – Jones Pumping Plant for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**

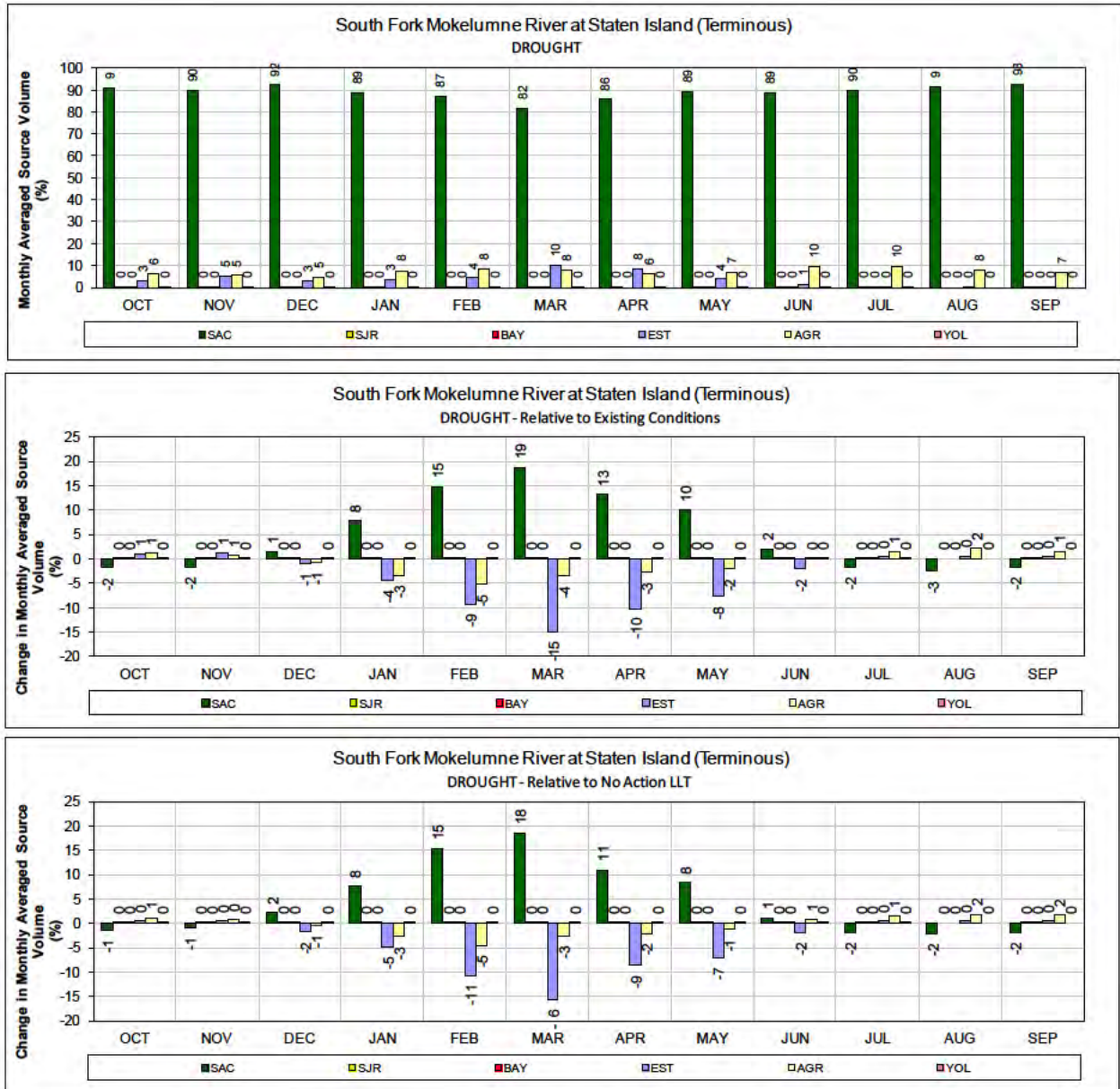


1 Figure 264. ALT 8 – Jones Pumping Plant for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).

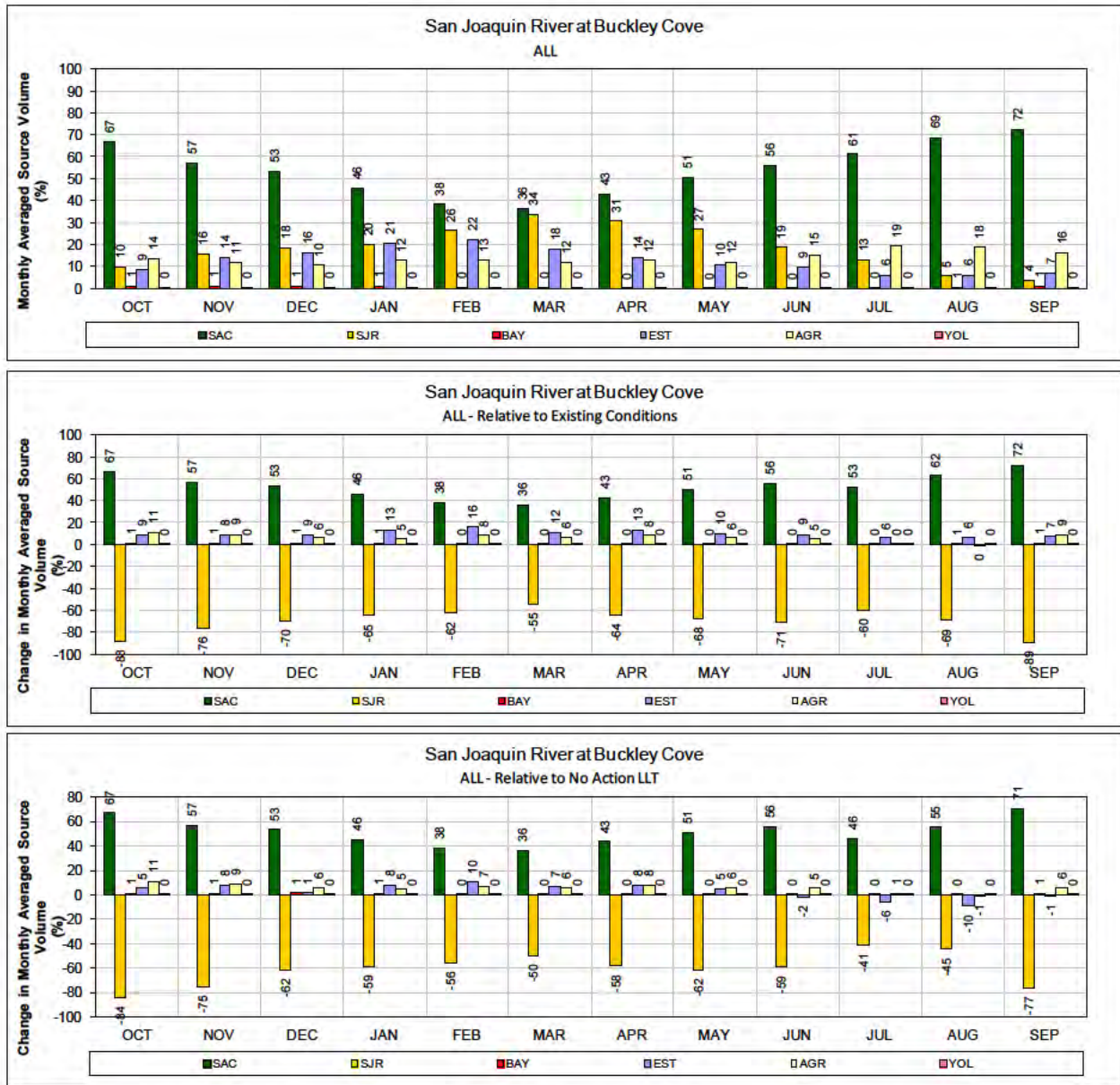
Alternative 9 LLT



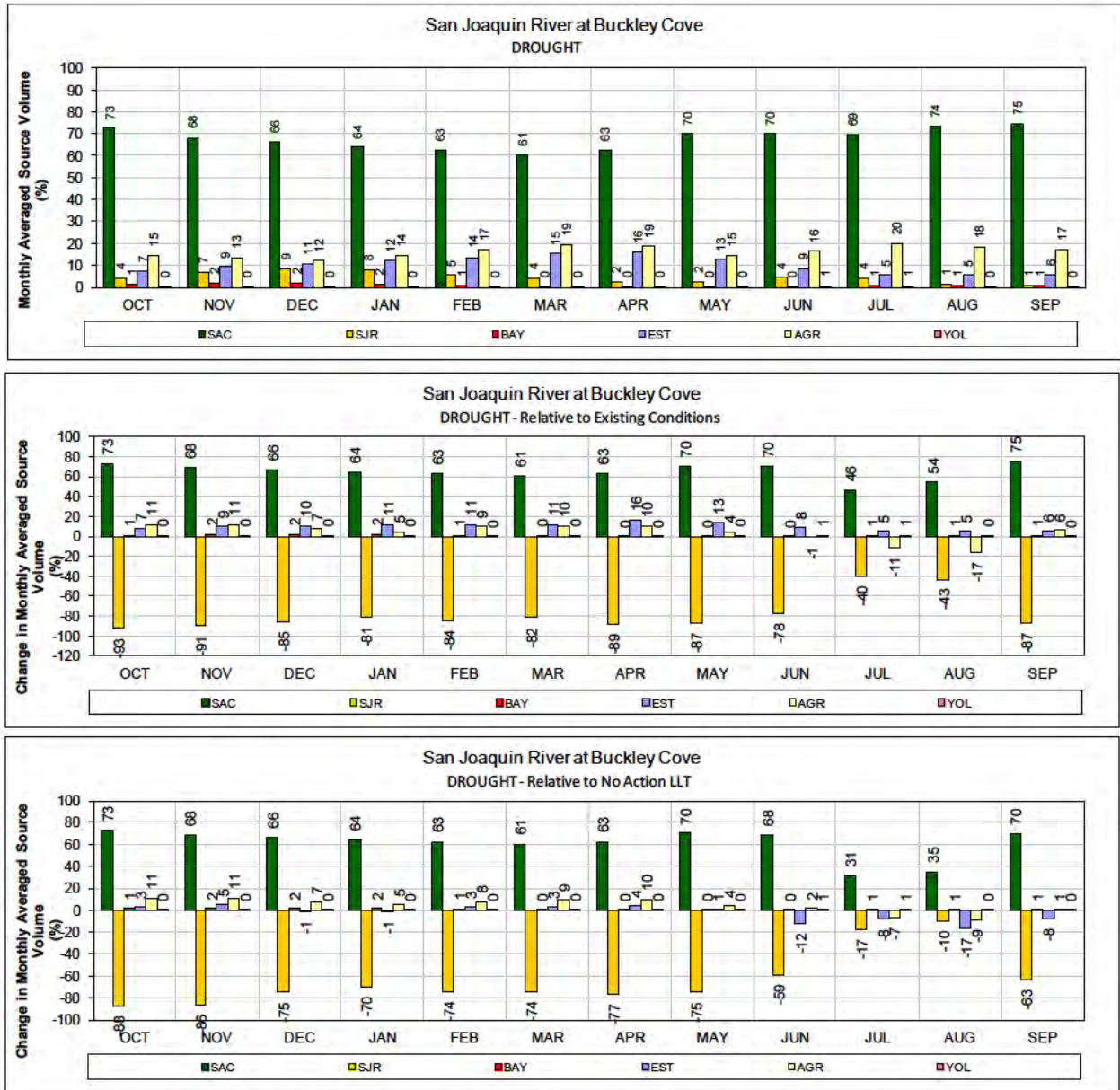
1 Figure 265. ALT 9 – Mokelumne River (South Fork) at Staten Island for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



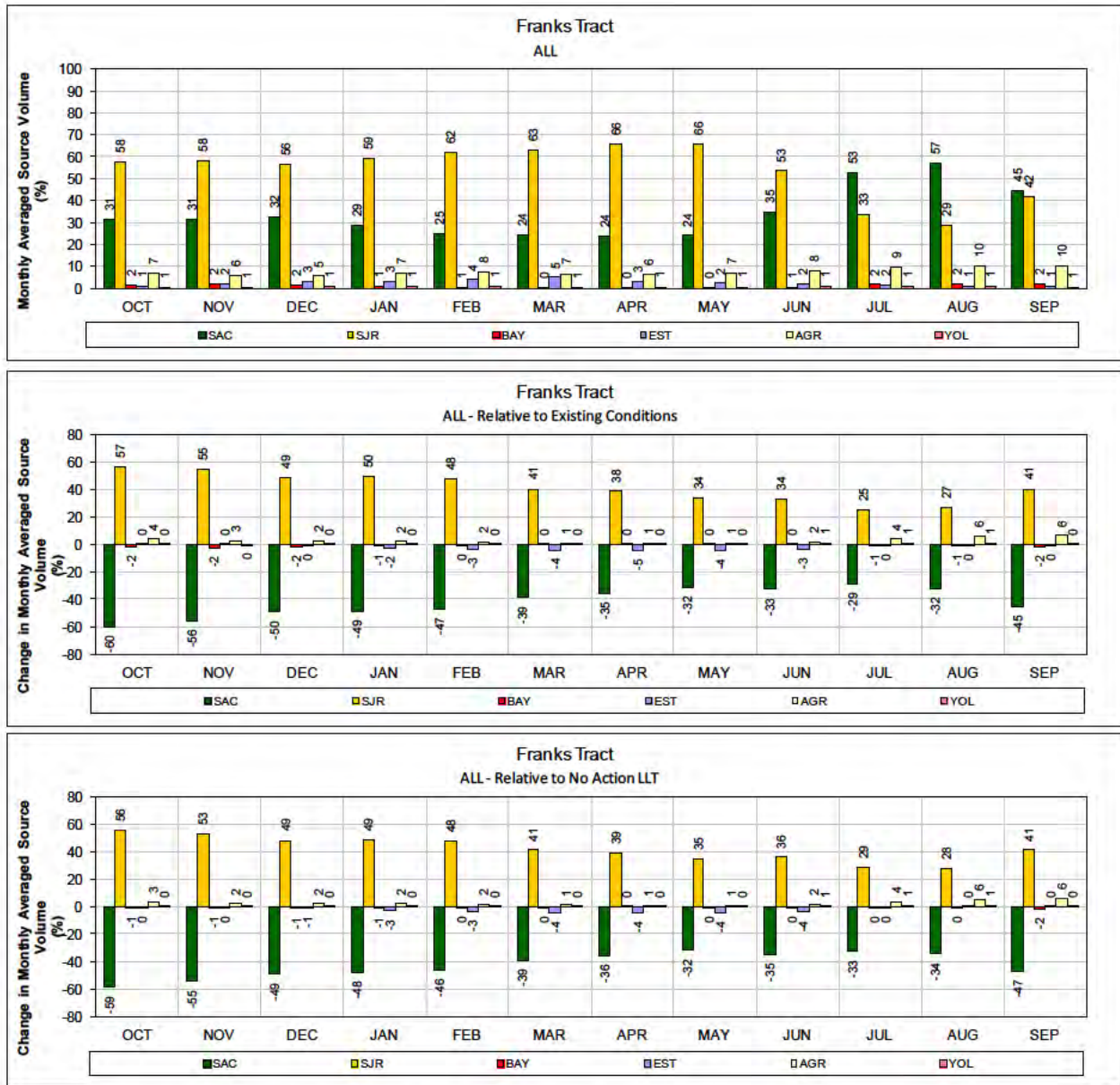
1 Figure 266. ALT 9 – Mokelumne River (South Fork) at Staten Island for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



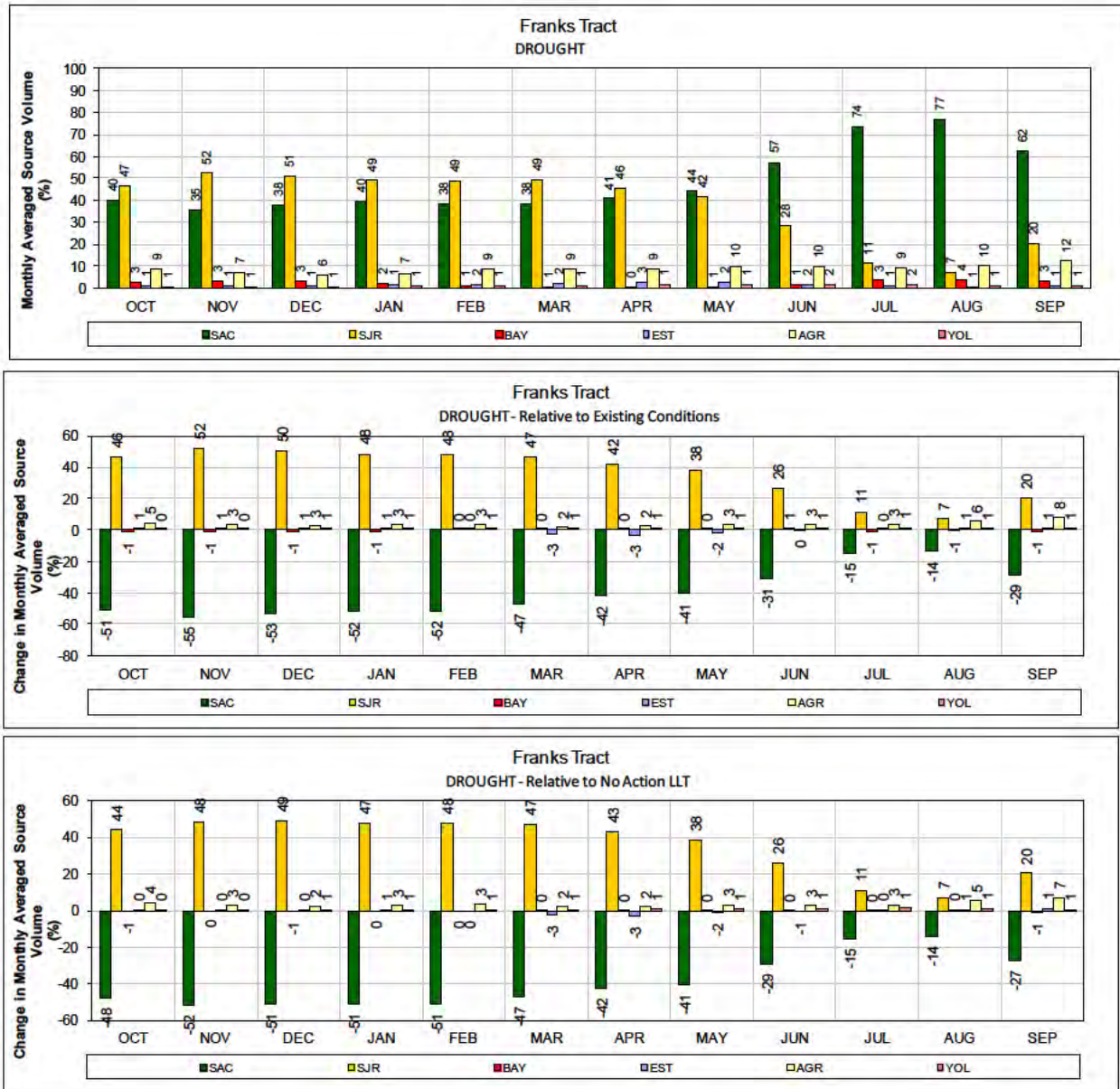
1 Figure 267. ALT 9 – San Joaquin River at Buckley Cove for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



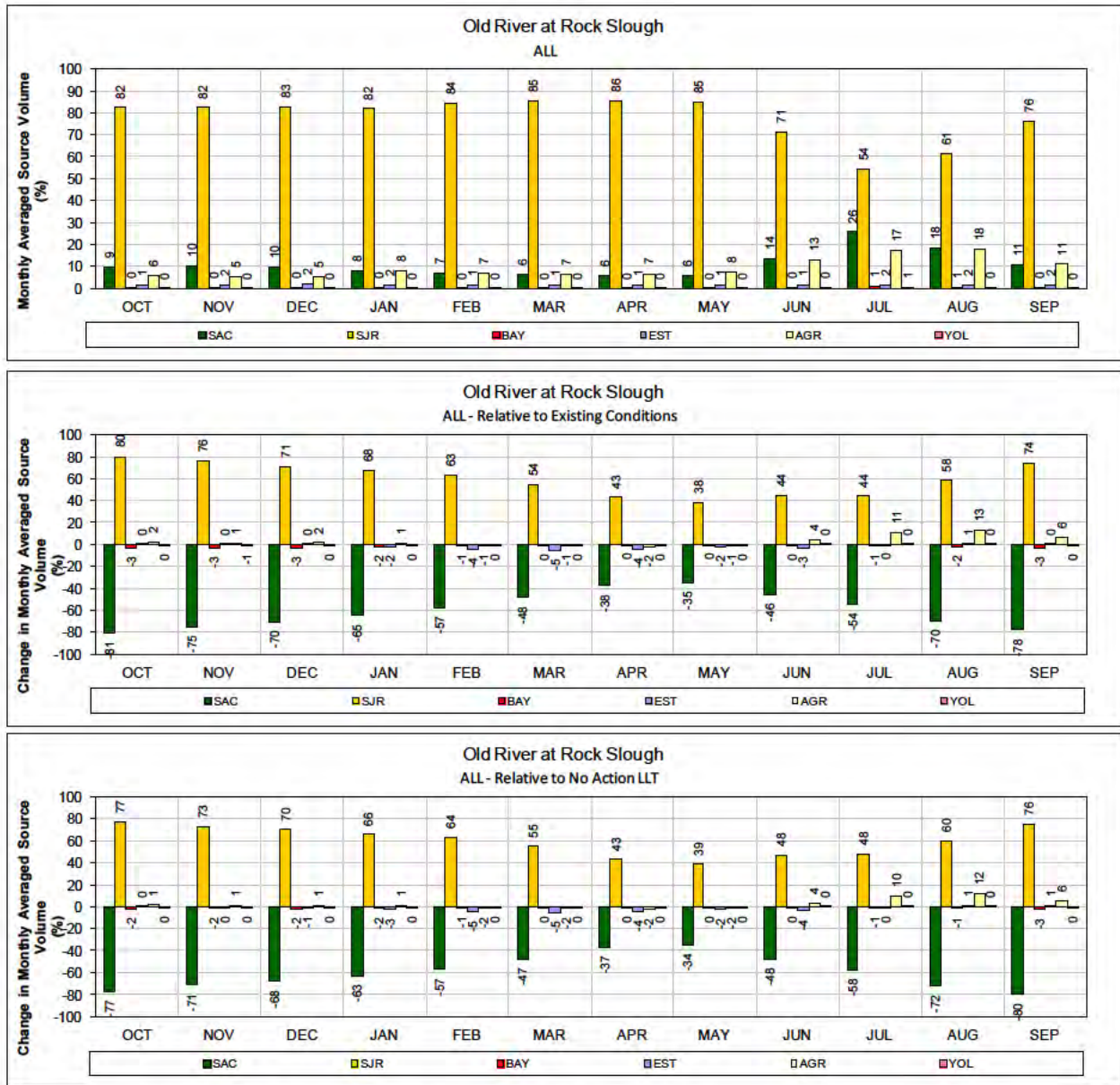
1 Figure 268. ALT 9 – San Joaquin River at Buckley Cove for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



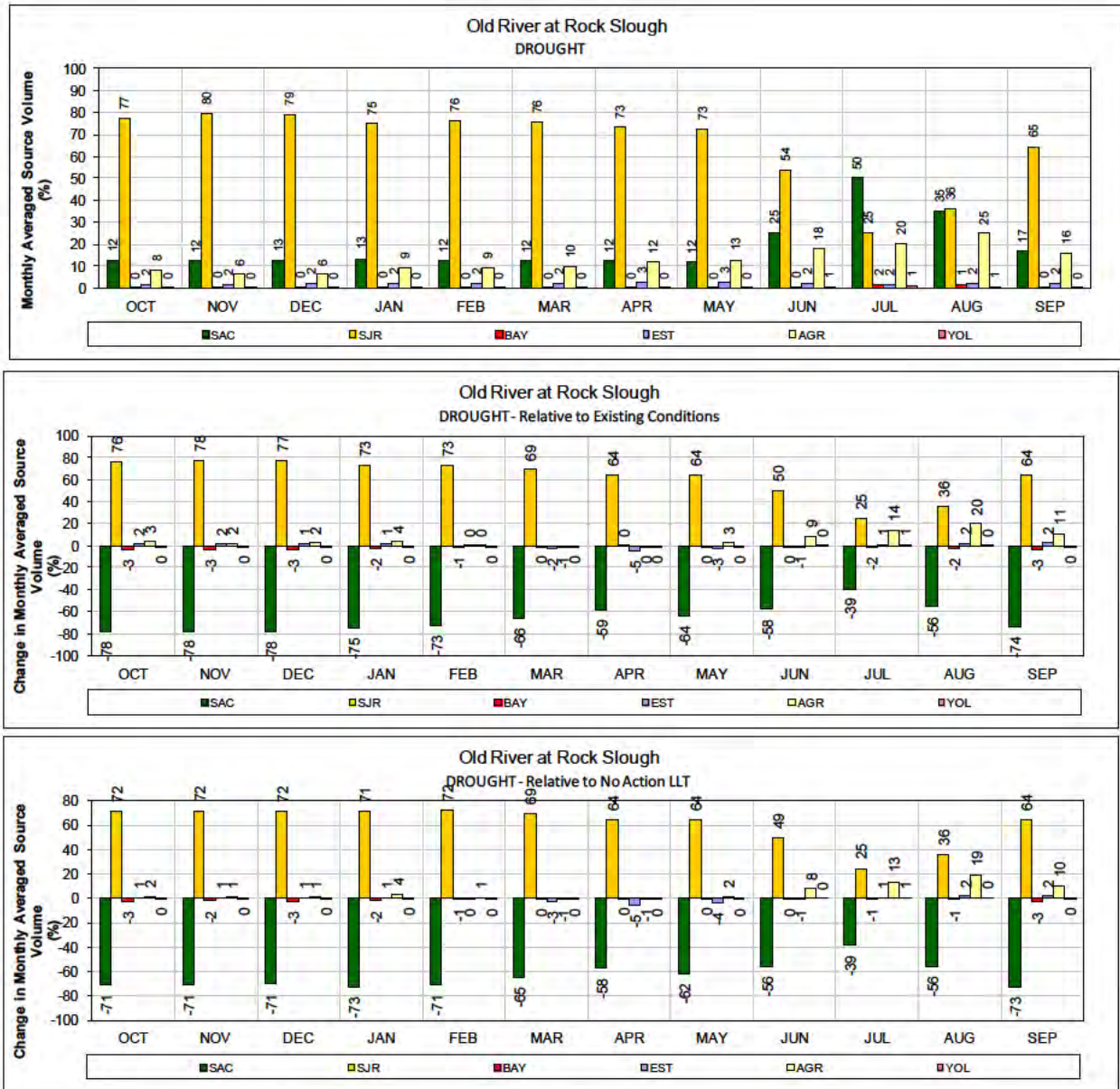
1 Figure 269. ALT 9 – Franks Tract for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



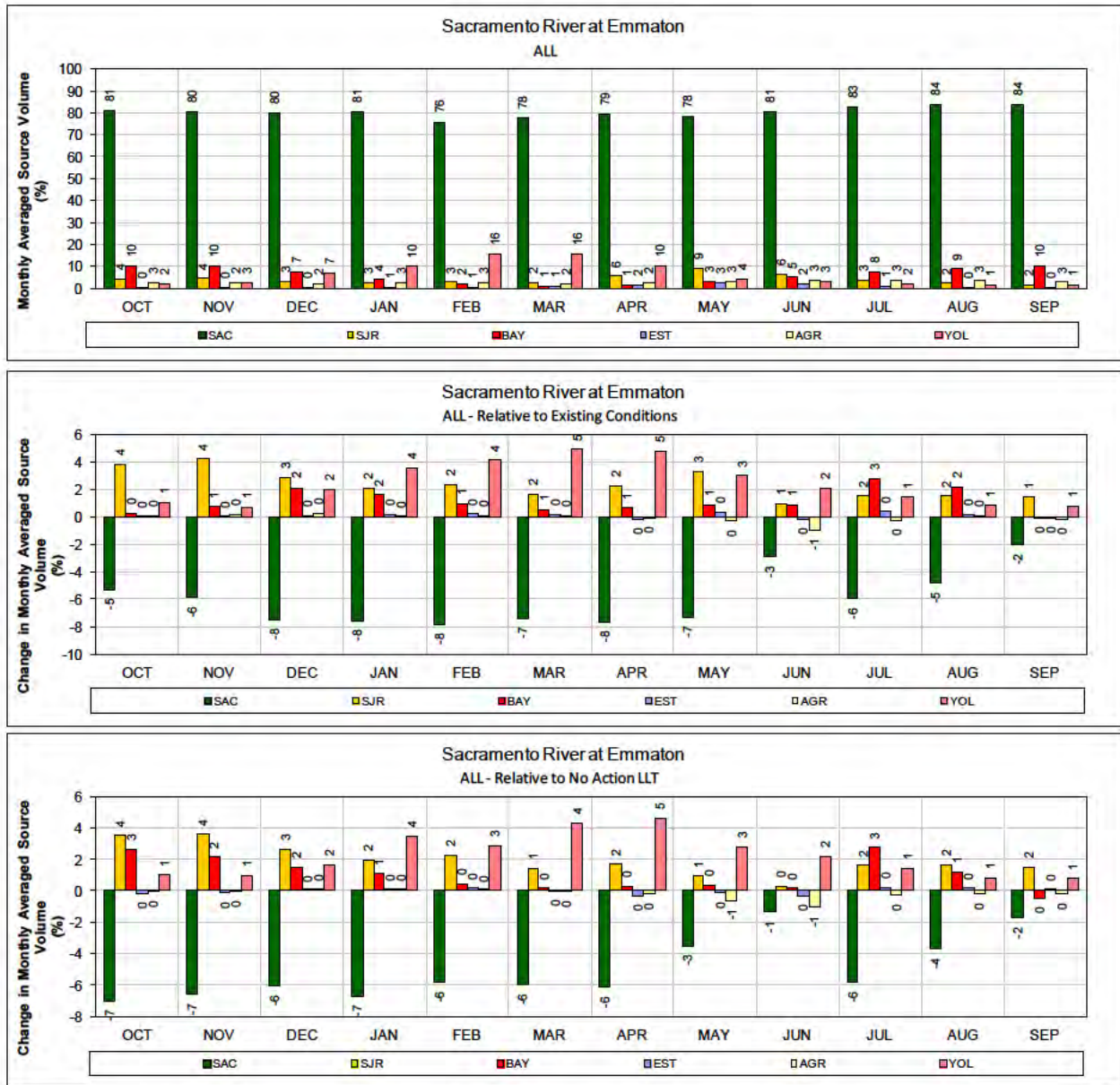
1 **Figure 270. ALT 9 – Franks Tract for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



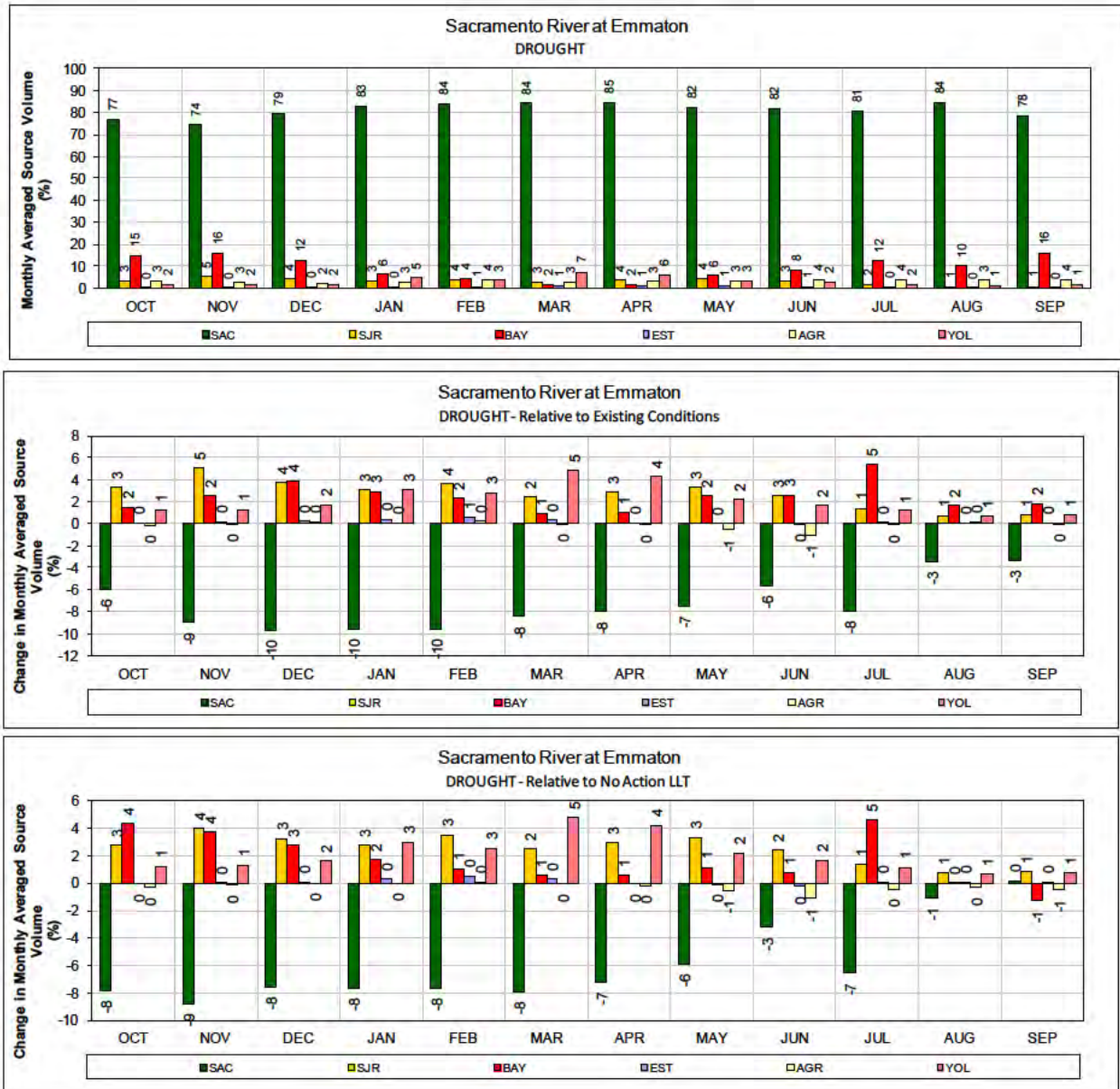
1 Figure 271. ALT 9 – Old River at Rock Slough for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



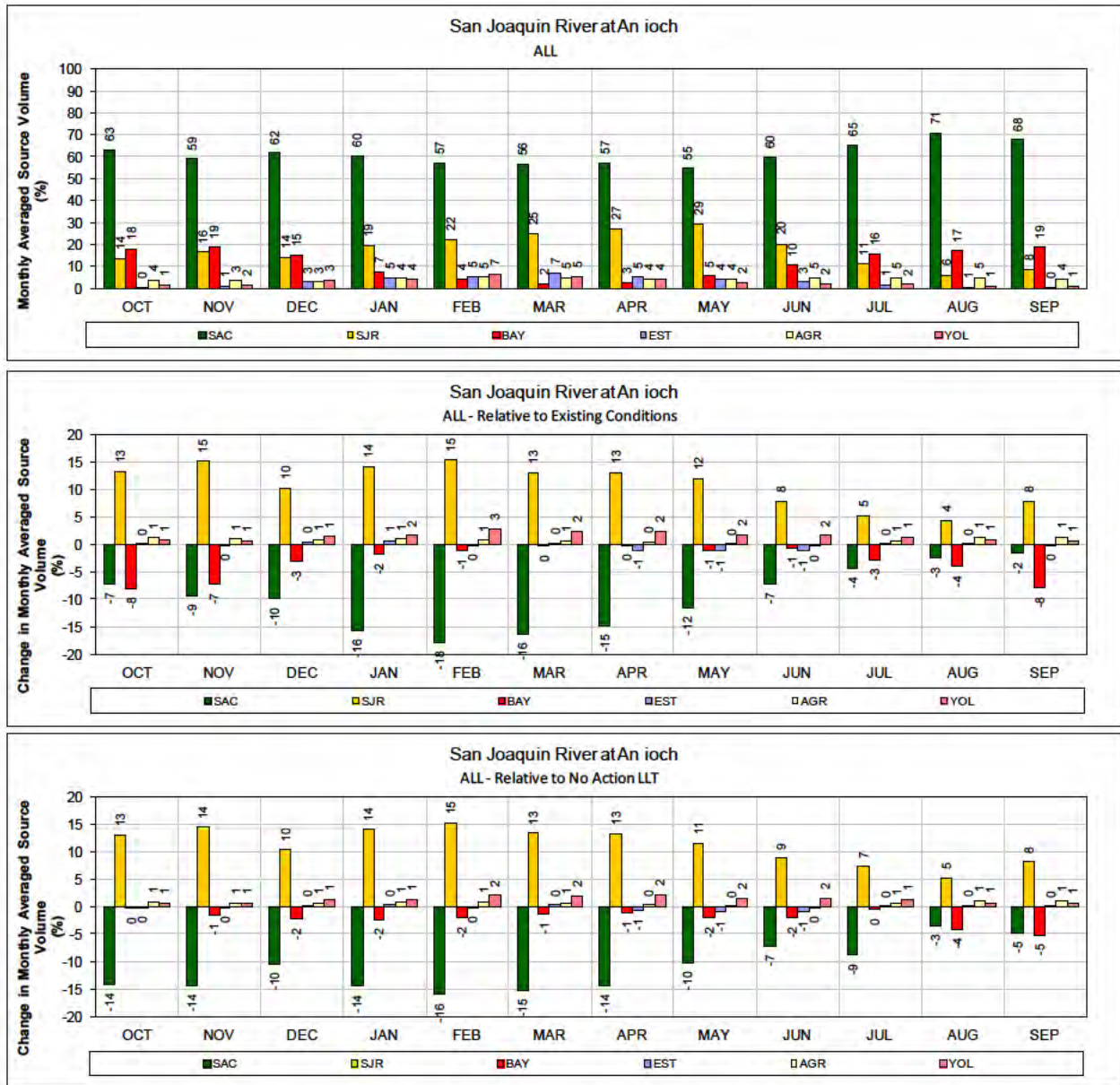
1 Figure 272. ALT 9 – Old River at Rock Slough for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



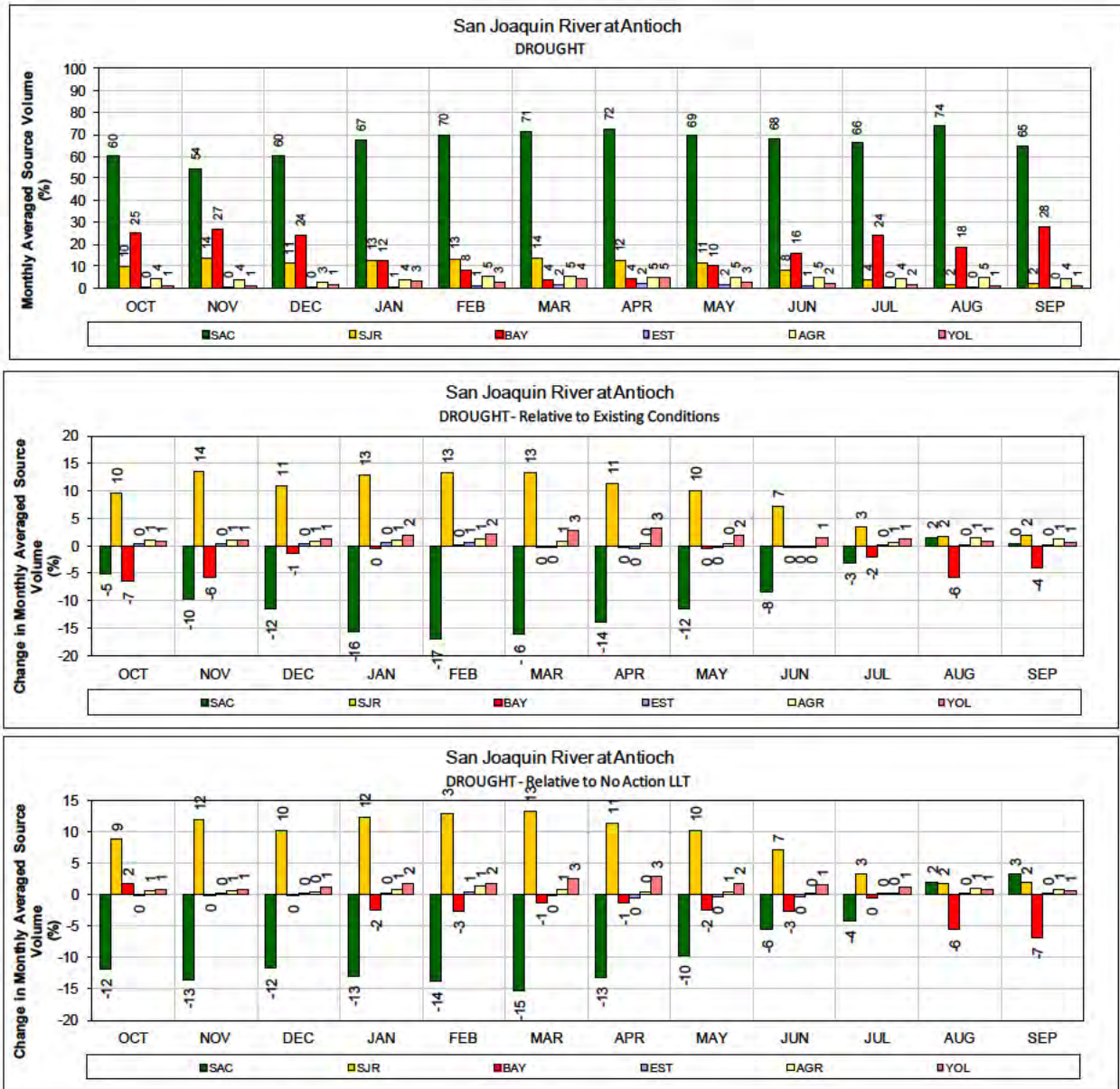
1 Figure 273. ALT 9 – Sacramento River at Emmaton for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



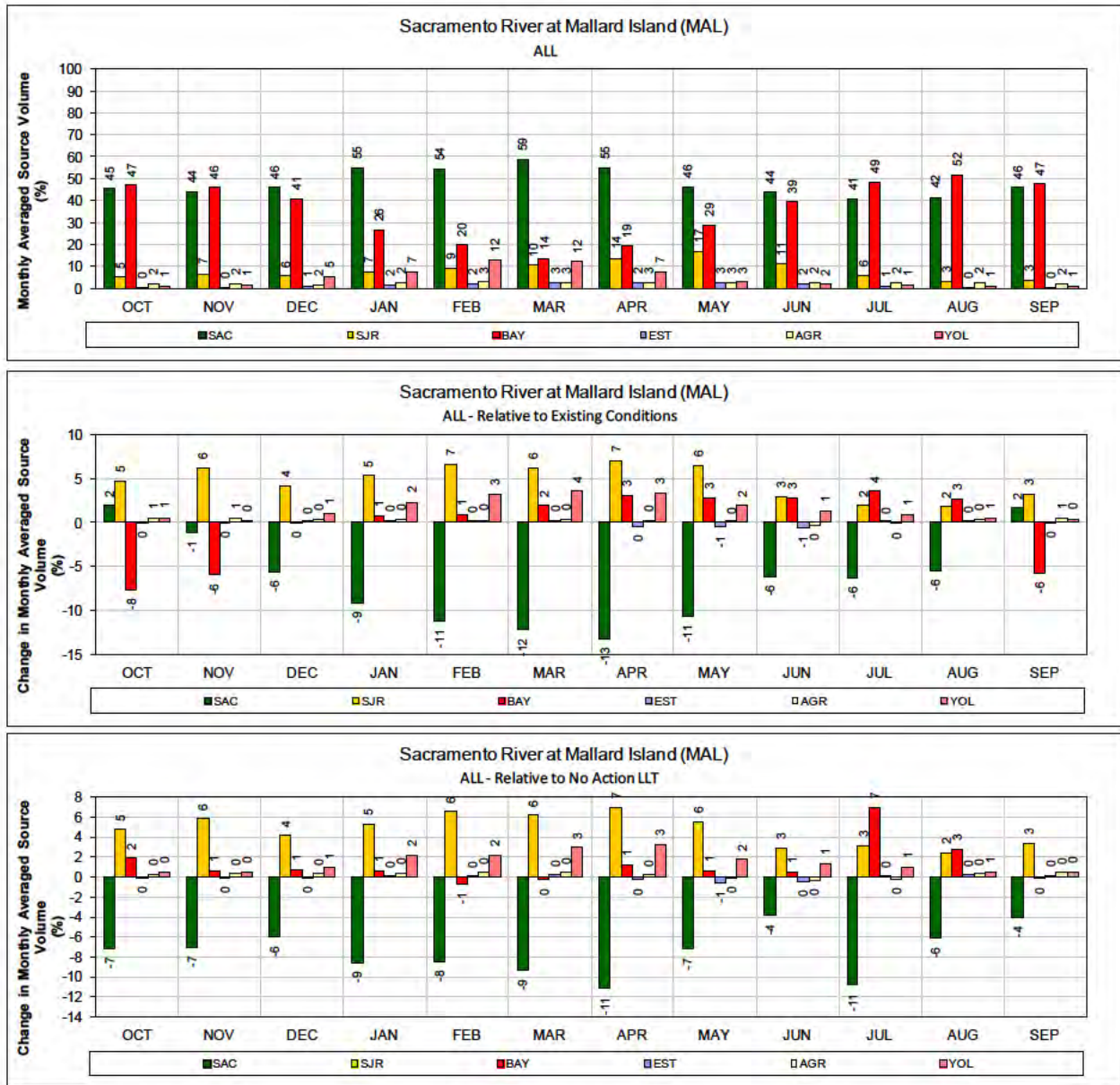
1 Figure 274. ALT 9 – Sacramento River at Emmaton for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



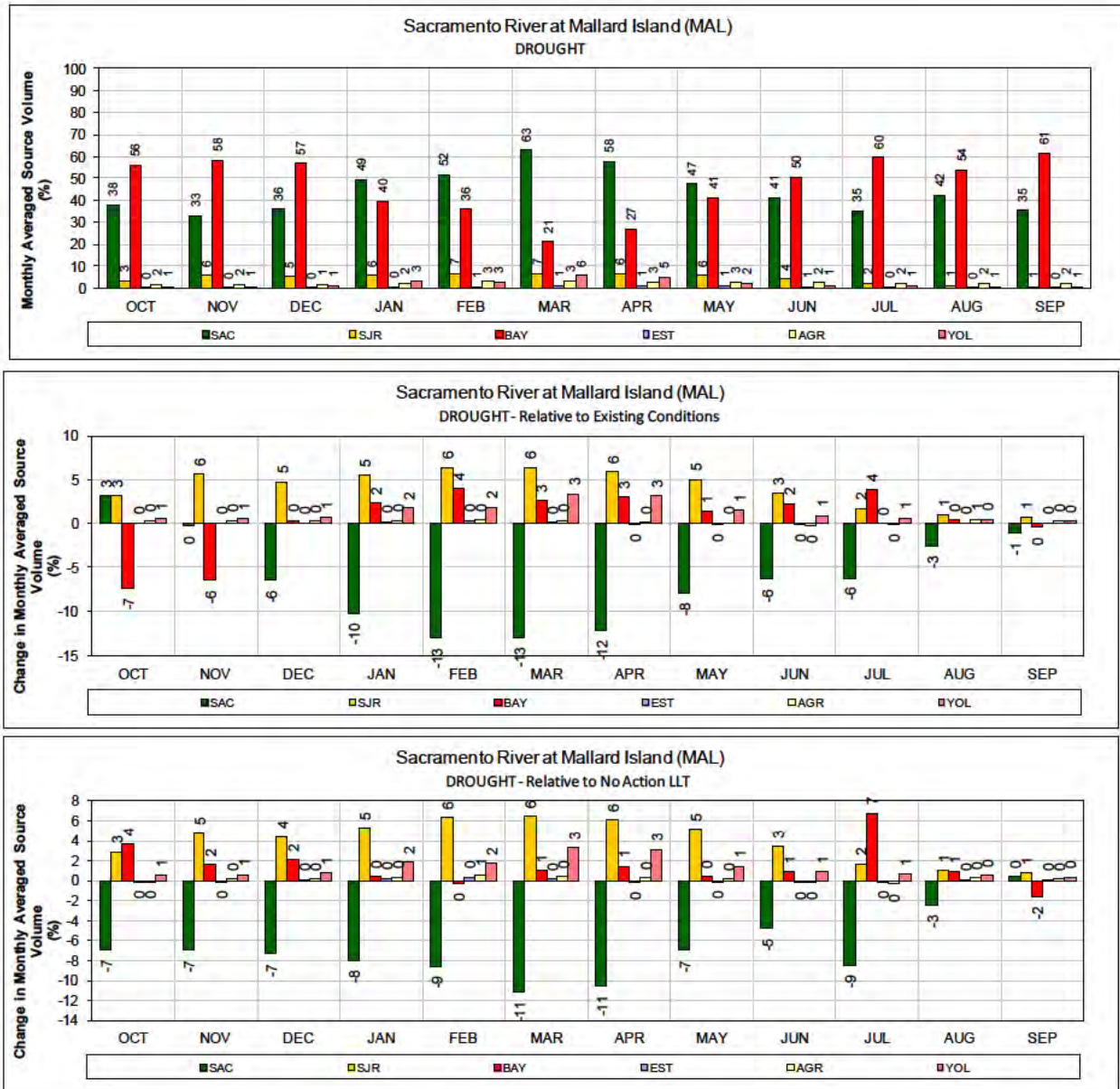
1 Figure 275. ALT 9 –San Joaquin River at Antioch for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



1 Figure 276. ALT 9 – San Joaquin River at Antioch for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



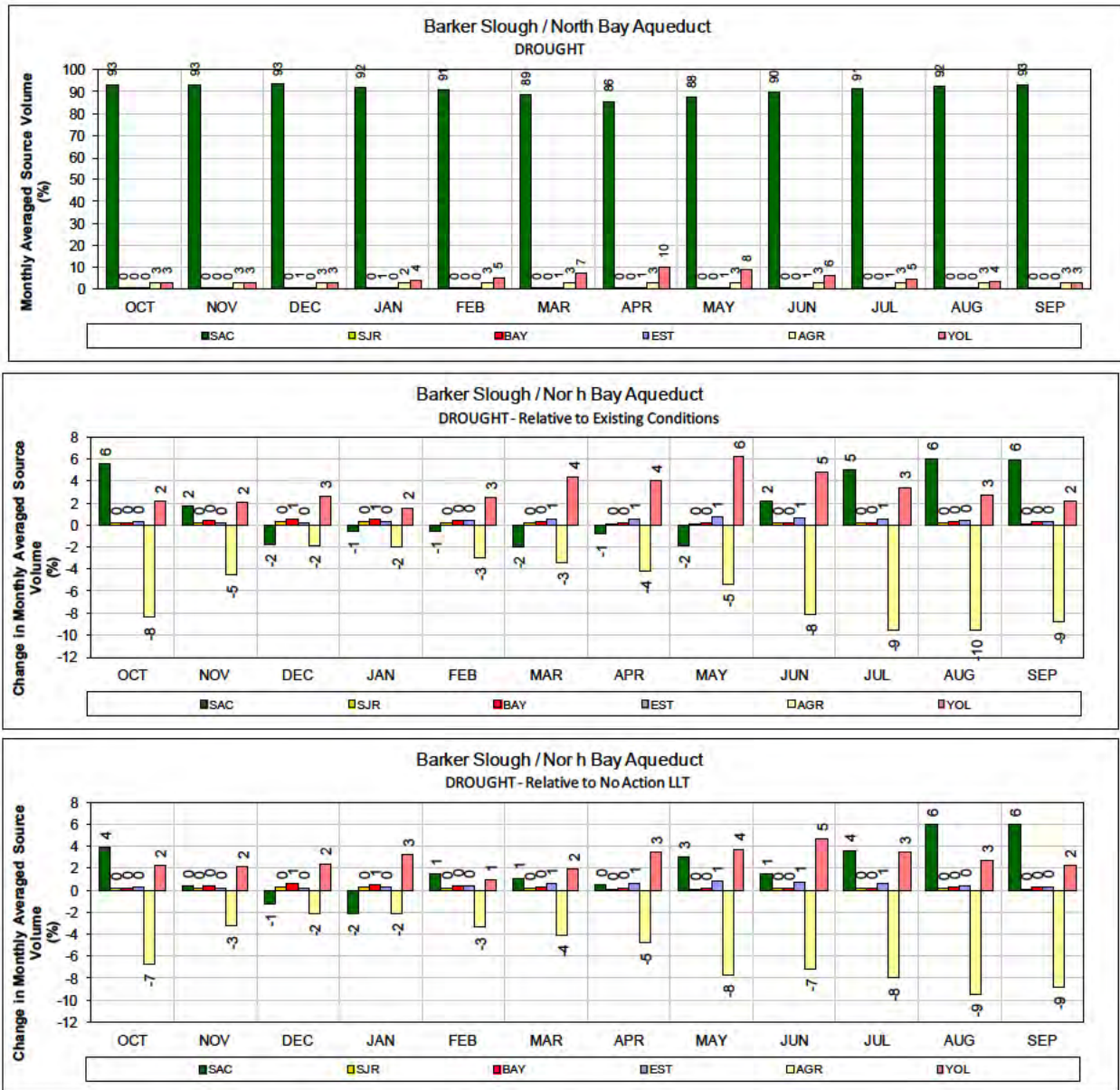
1 Figure 277. ALT 9 – Sacramento River at Mallard Island for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



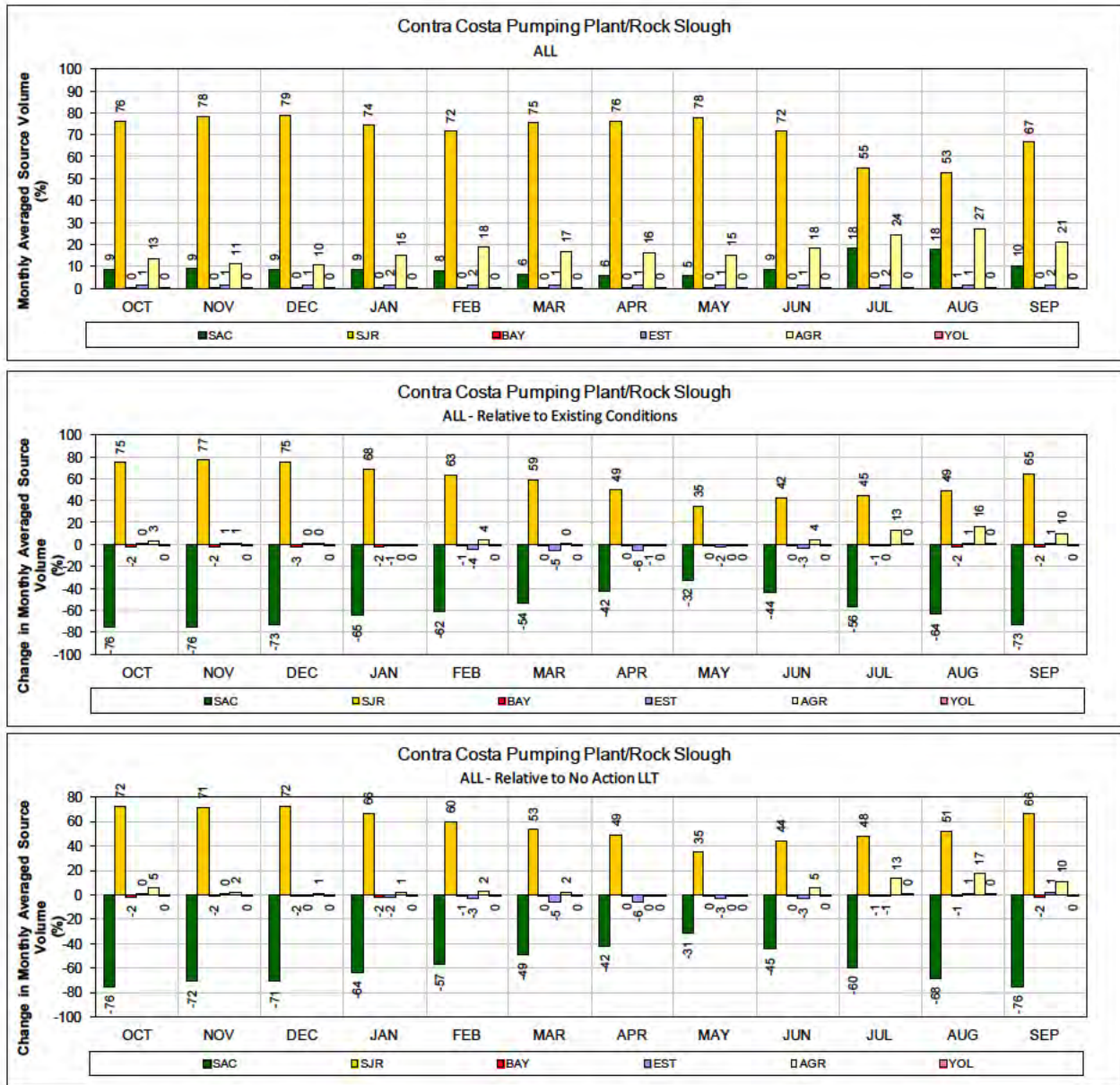
1 Figure 278. ALT 9 – Sacramento River at Mallard Island for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



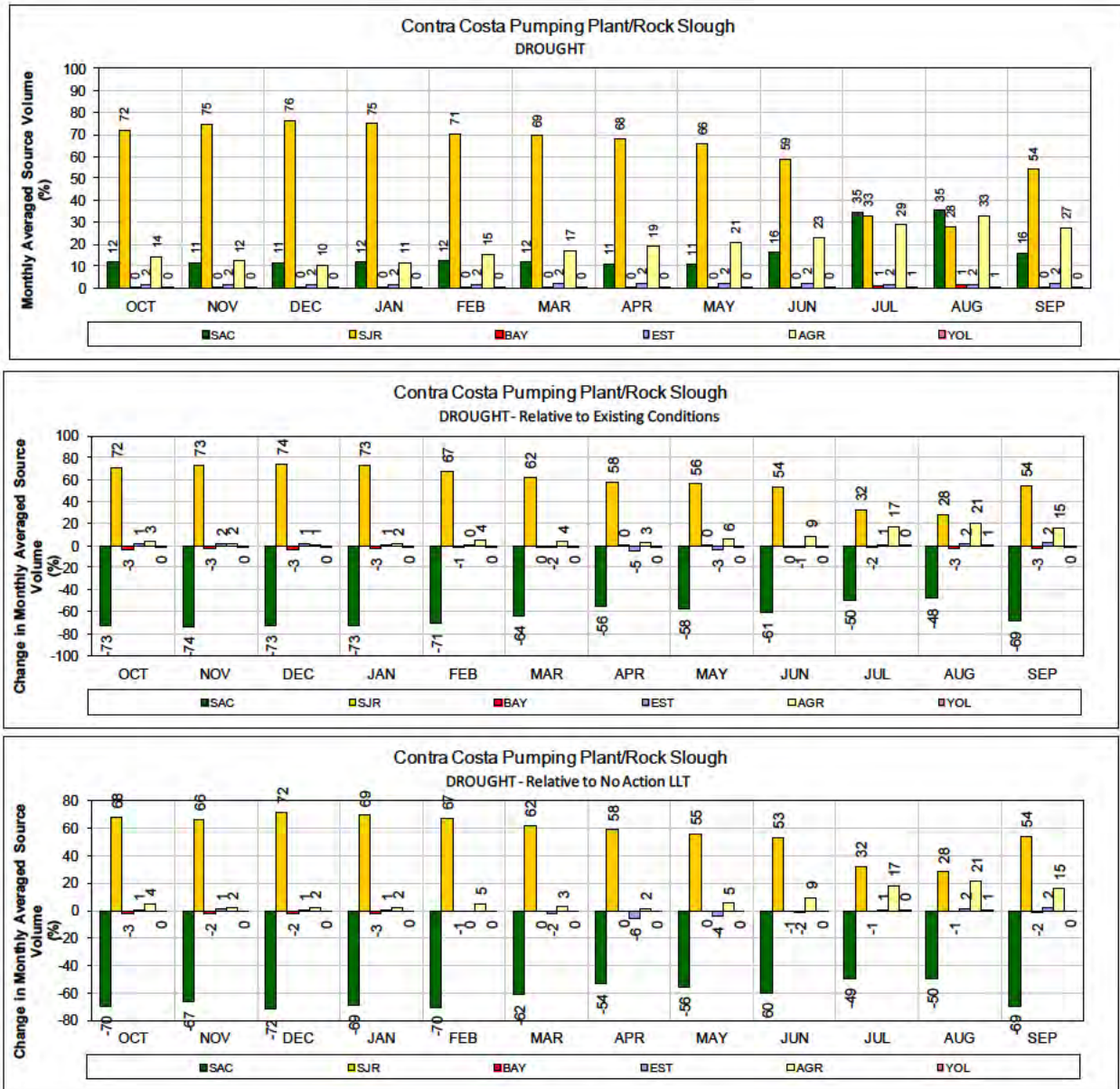
1 Figure 279. ALT 9 – North Bay Aqueduct at Barker Slough Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



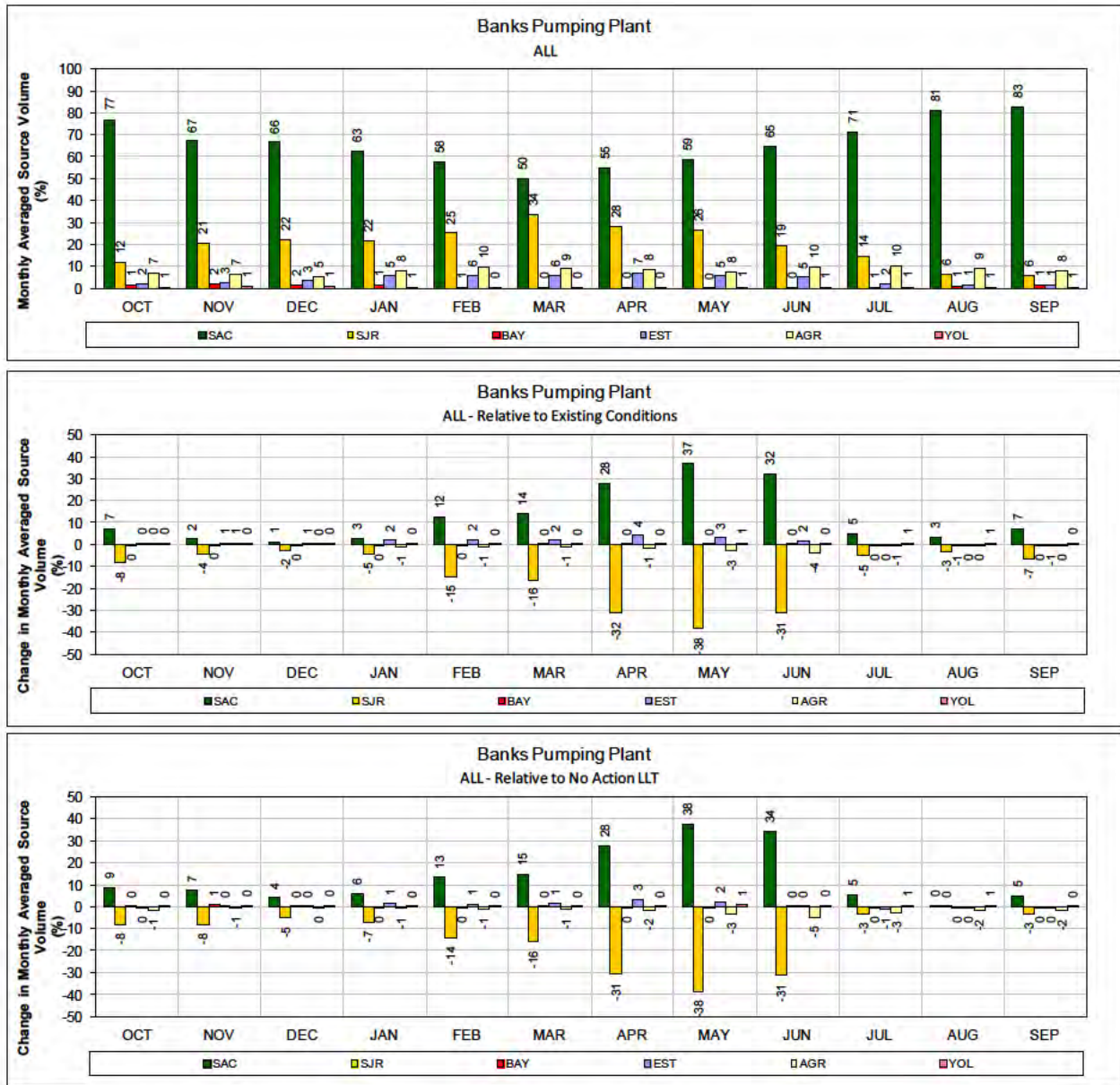
1 Figure 280. ALT 9 – North Bay Aqueduct at Barker Slough Pumping Plant for DROUGHT years
 2 (1987-1991)
 3 Monthly average source volume (top figure) and change in monthly average source volume relative to
 4 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



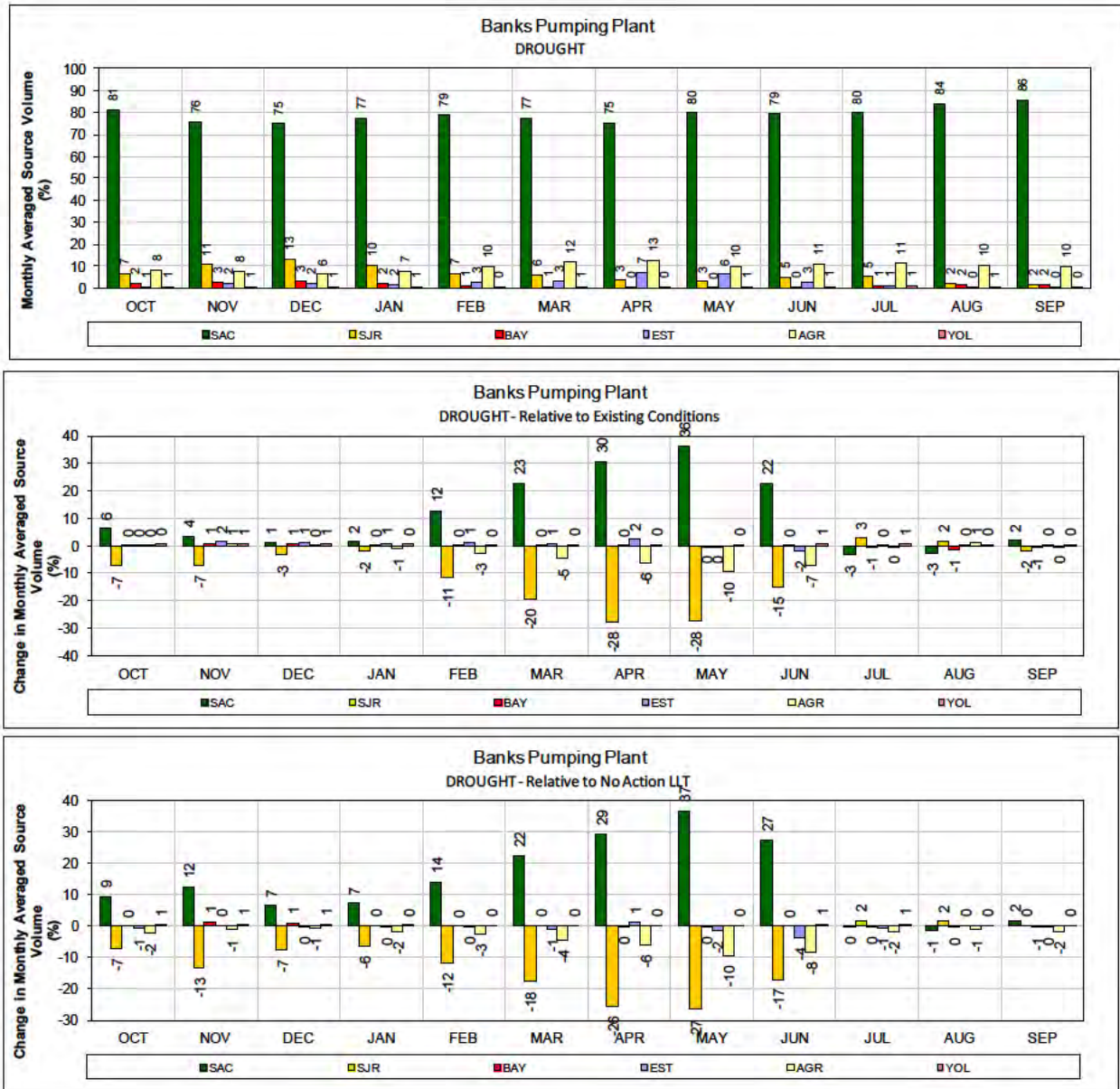
1 Figure 281. ALT 9 – Contra Costa Pumping Plant #1 for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



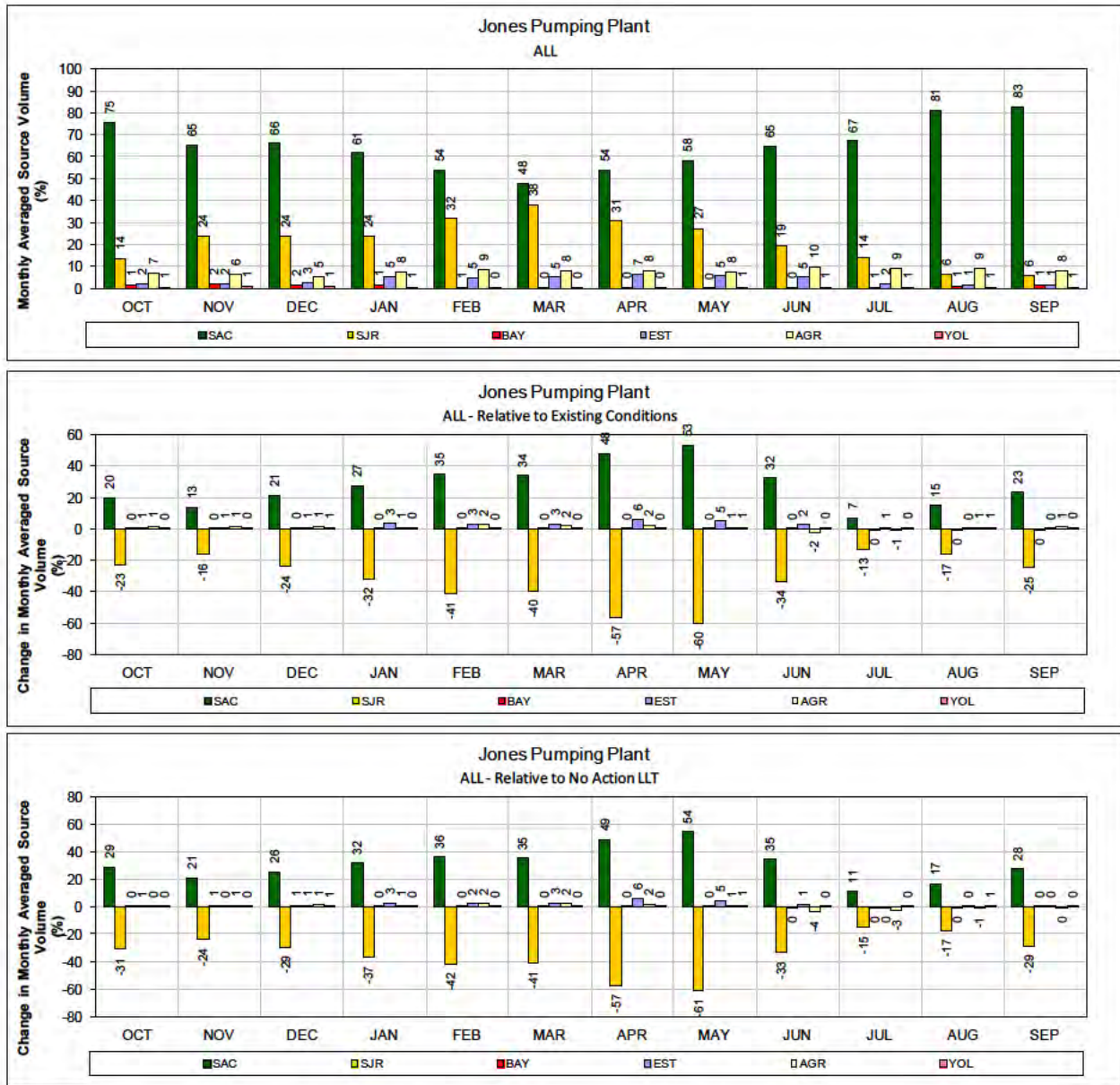
1 Figure 282. ALT 9 – Contra Costa Pumping Plant #1 for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



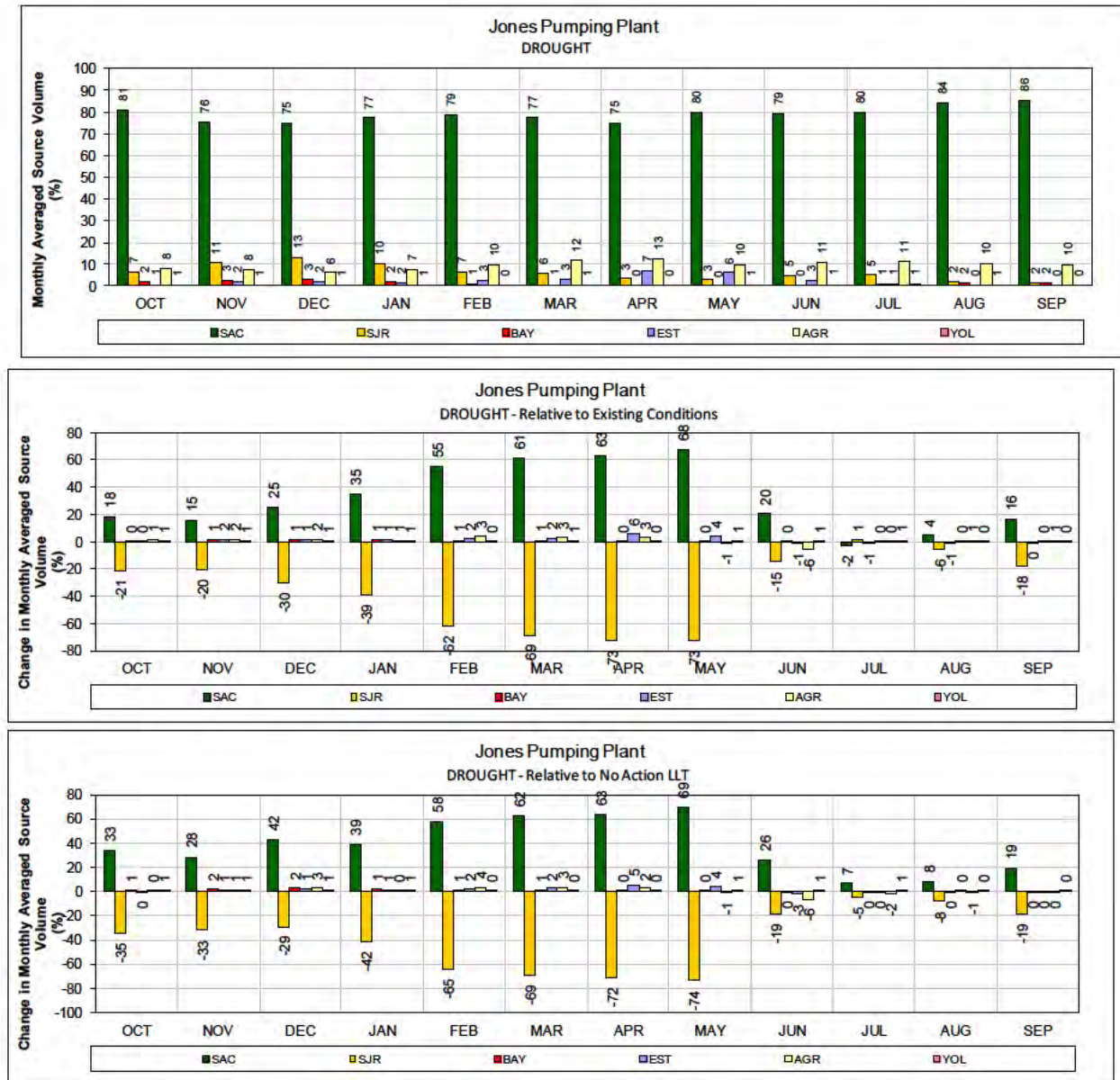
1 Figure 283. ALT 9 – Banks Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



- 1 Figure 284. ALT 9 – Banks Pumping Plant for DROUGHT years (1987-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).
- 3

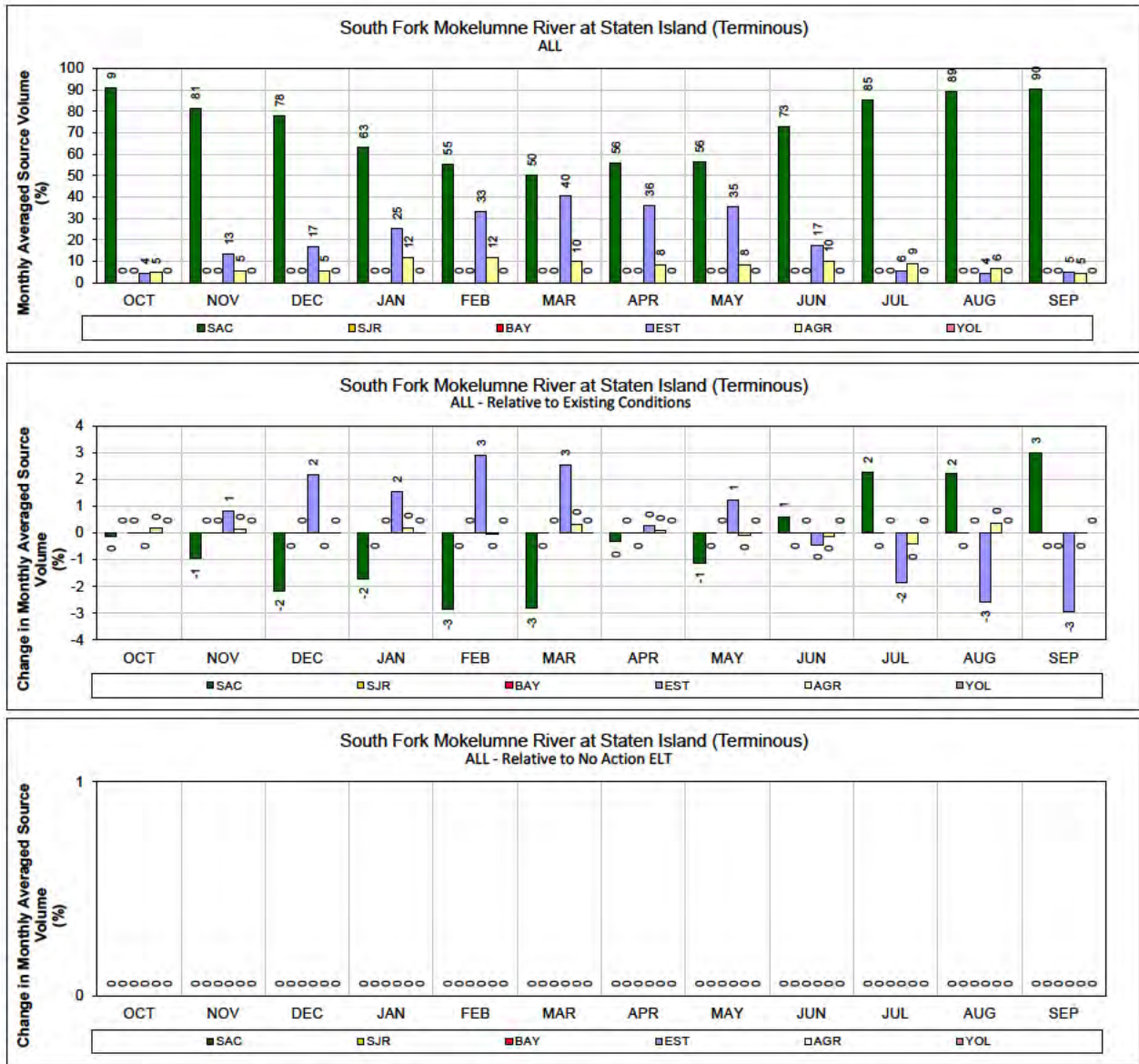


1 Figure 285. ALT 9 – Jones Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).

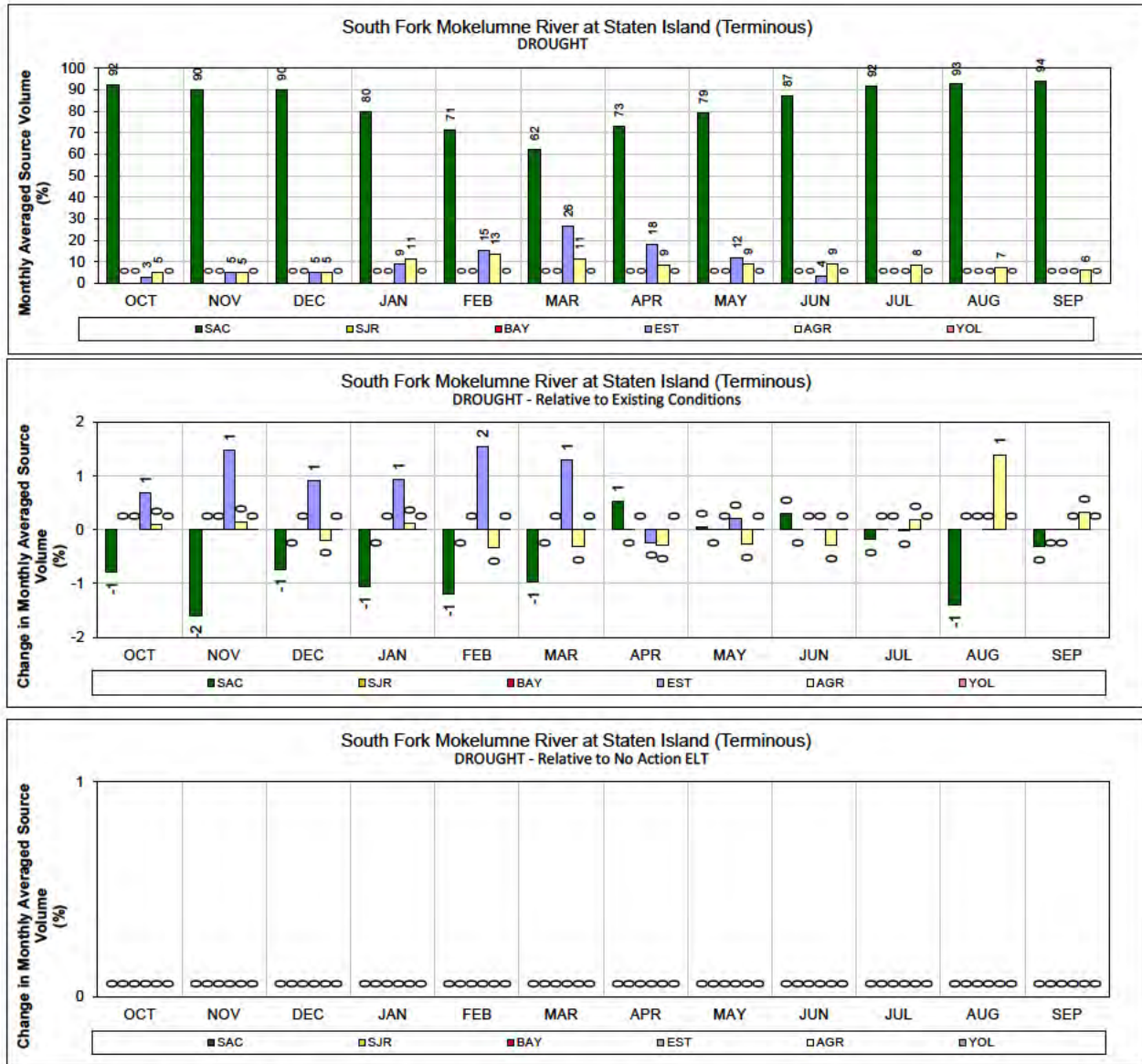


1 Figure 286. ALT 9 – Jones Pumping Plant for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).

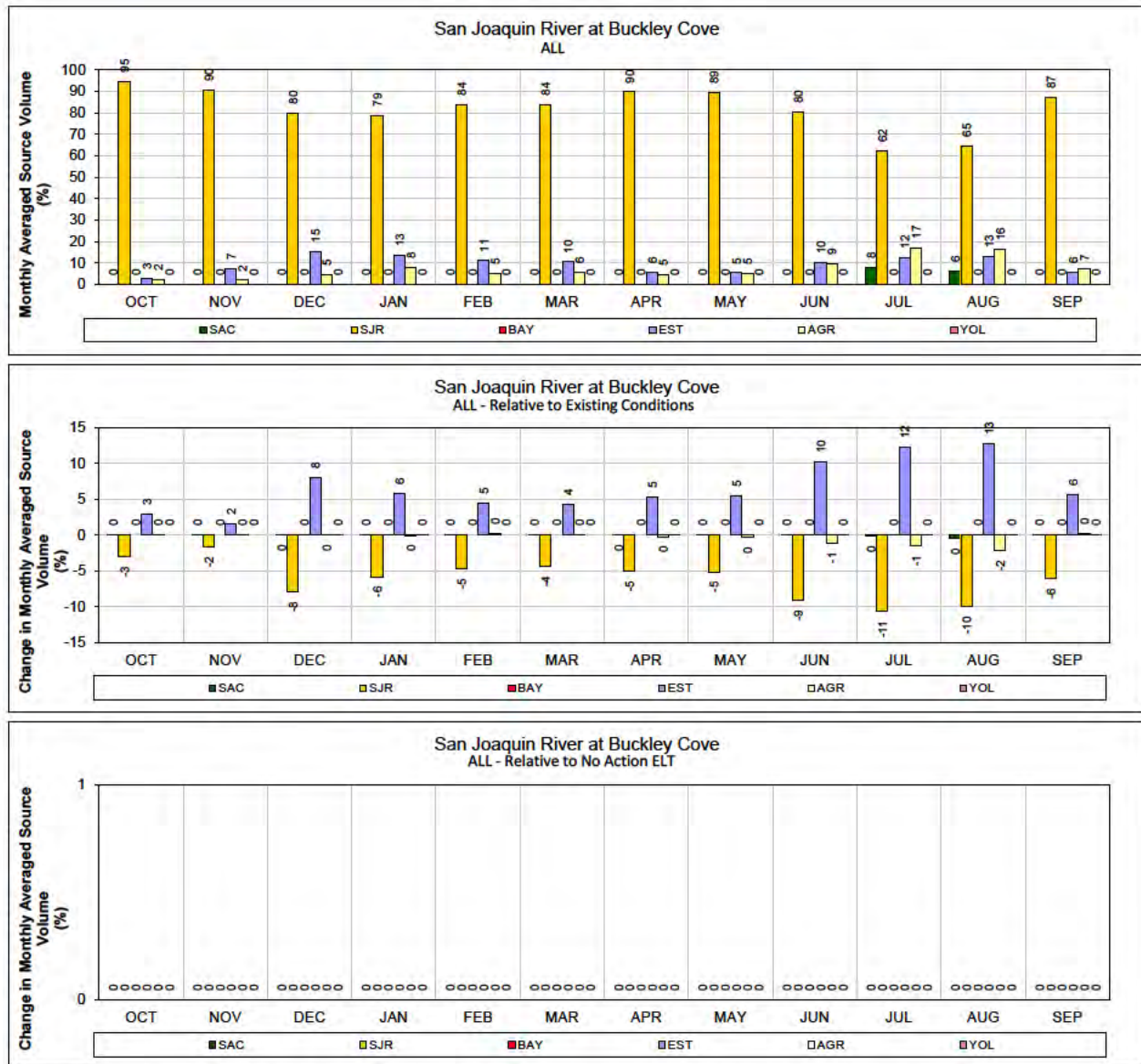
No Action ELT



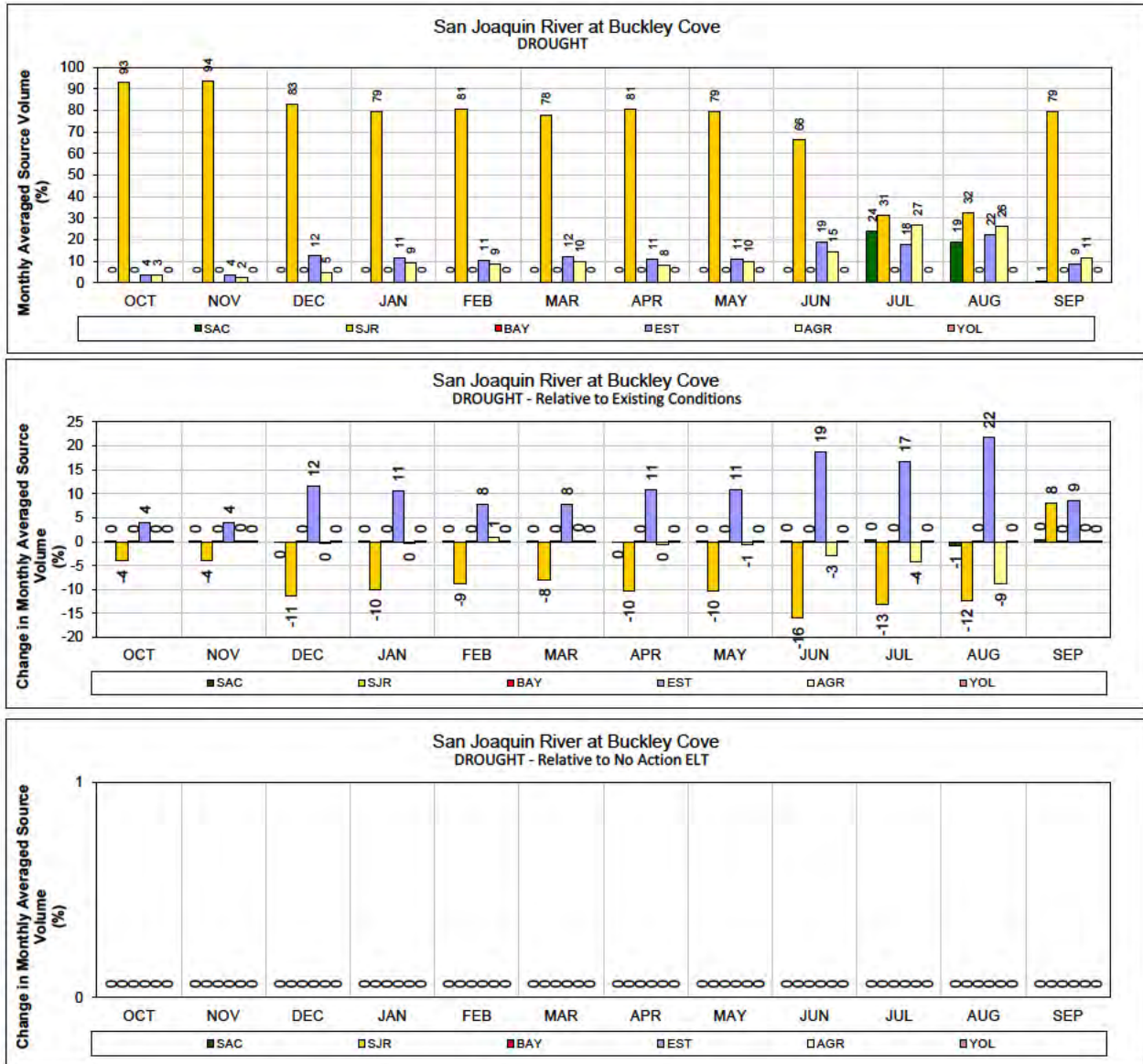
1 Figure 287. No Action ELT – Mokelumne River (South Fork) at Staten Island for ALL years
 2 (1976-1991)
 3 Monthly average source volume (top figure) and change in monthly average source volume relative to
 4 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



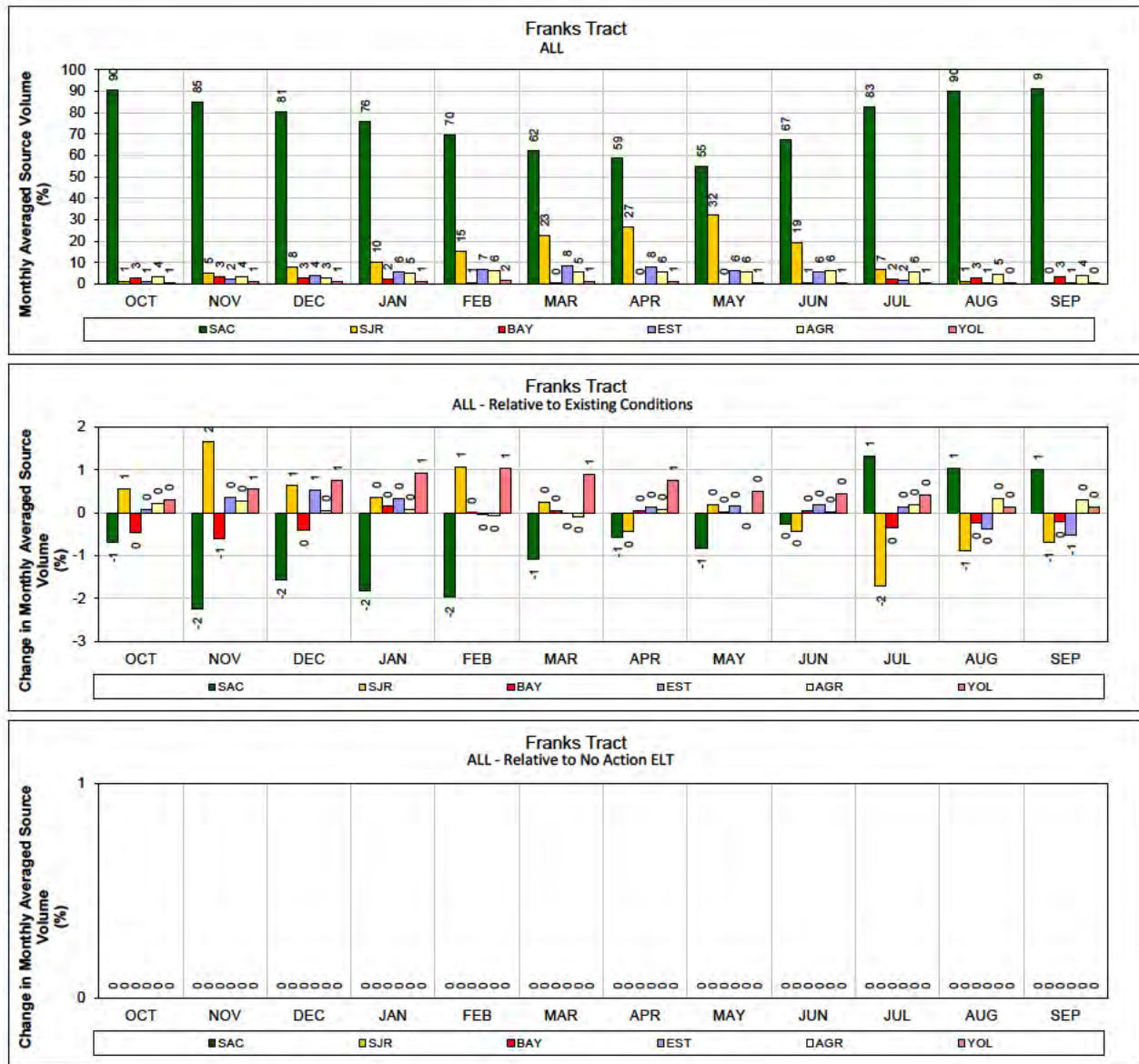
1 **Figure 288. No Action ELT – Mokelumne River (South Fork) at Staten Island for DROUGHT years**
 2 **(1987-1991)**
 3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Early Long Term (bottom two figures).**



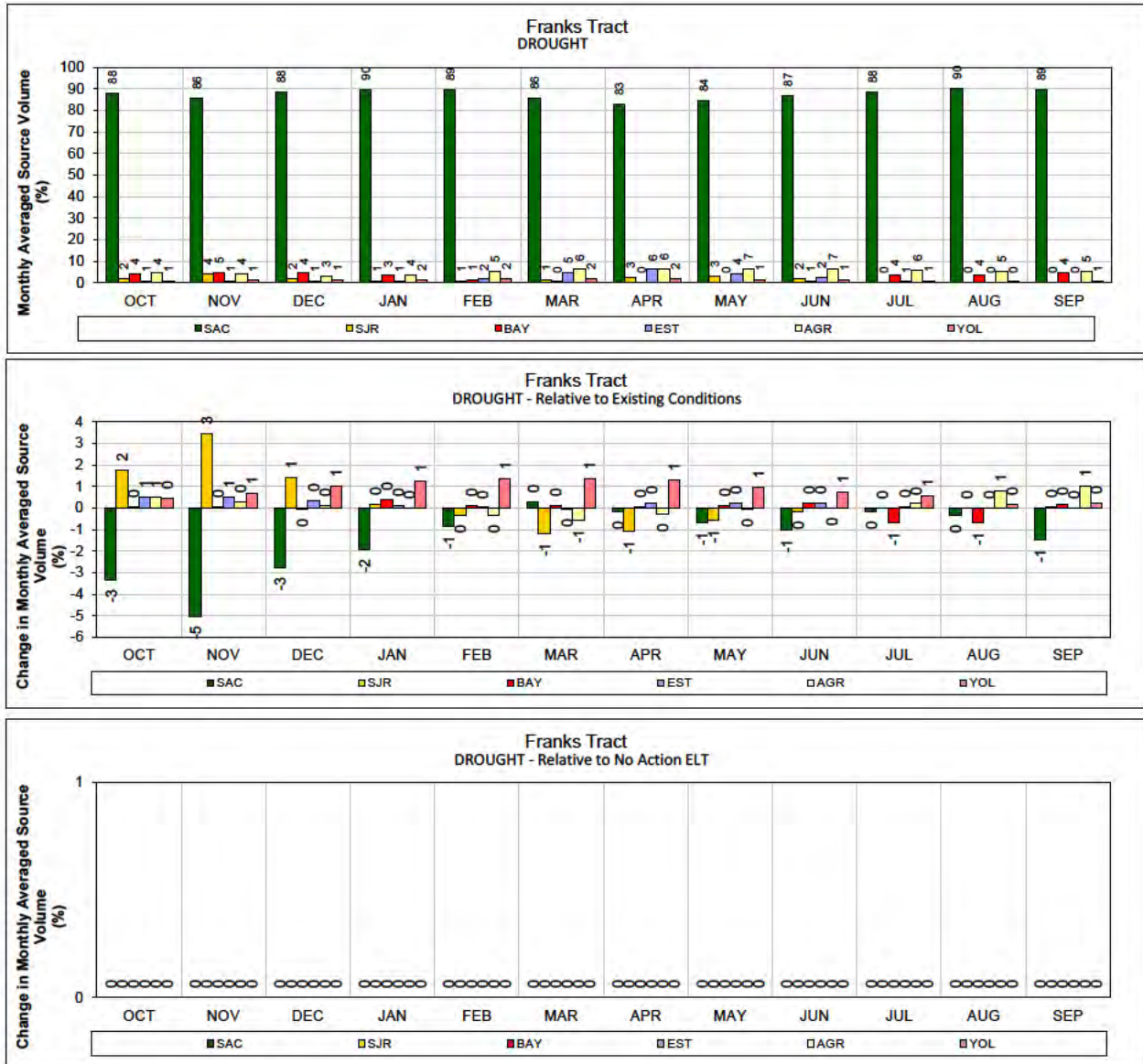
1 Figure 289. No Action ELT – San Joaquin River at Buckley Cove for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



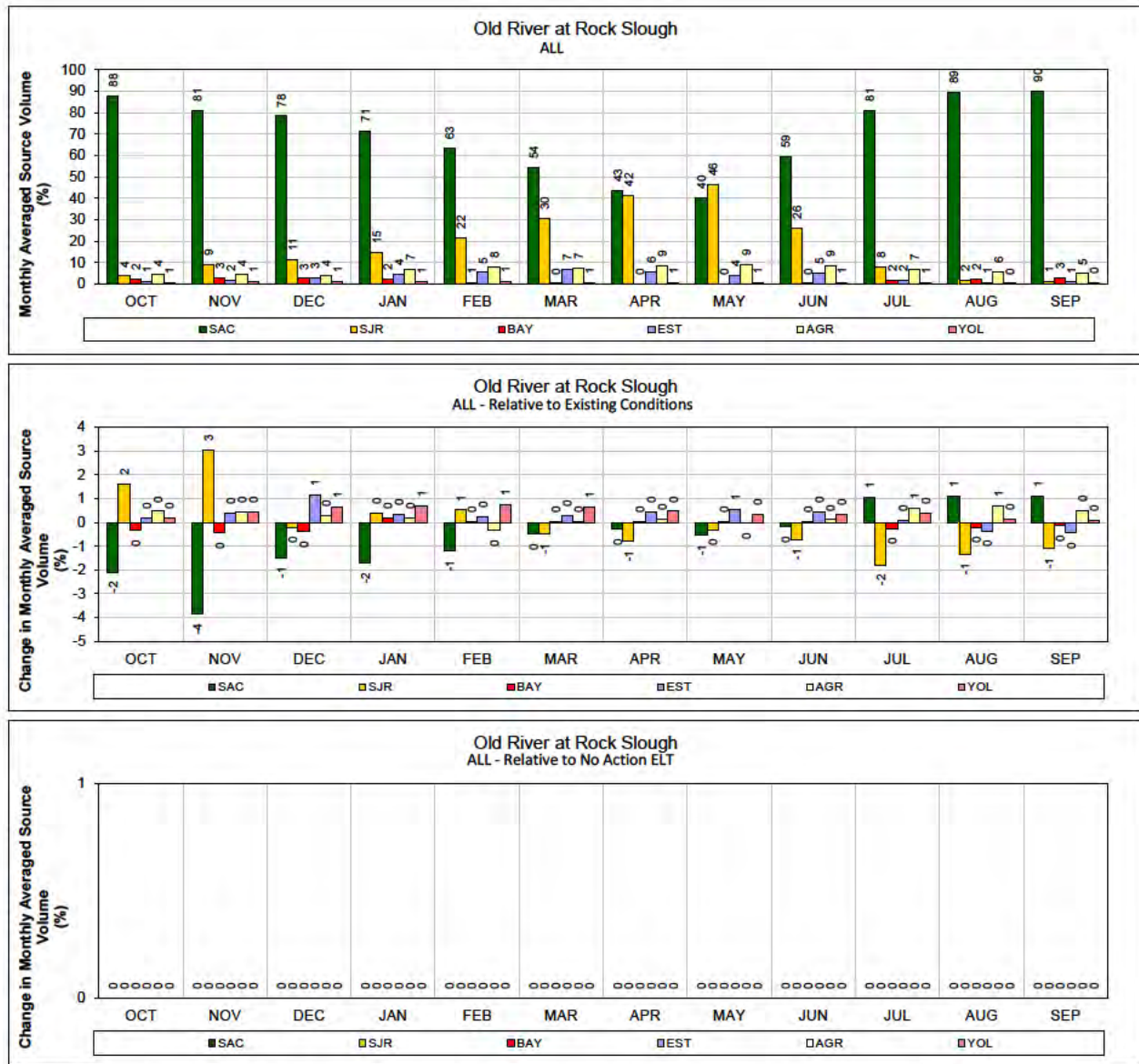
1 Figure 290. No Action ELT – San Joaquin River at Buckley Cove for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



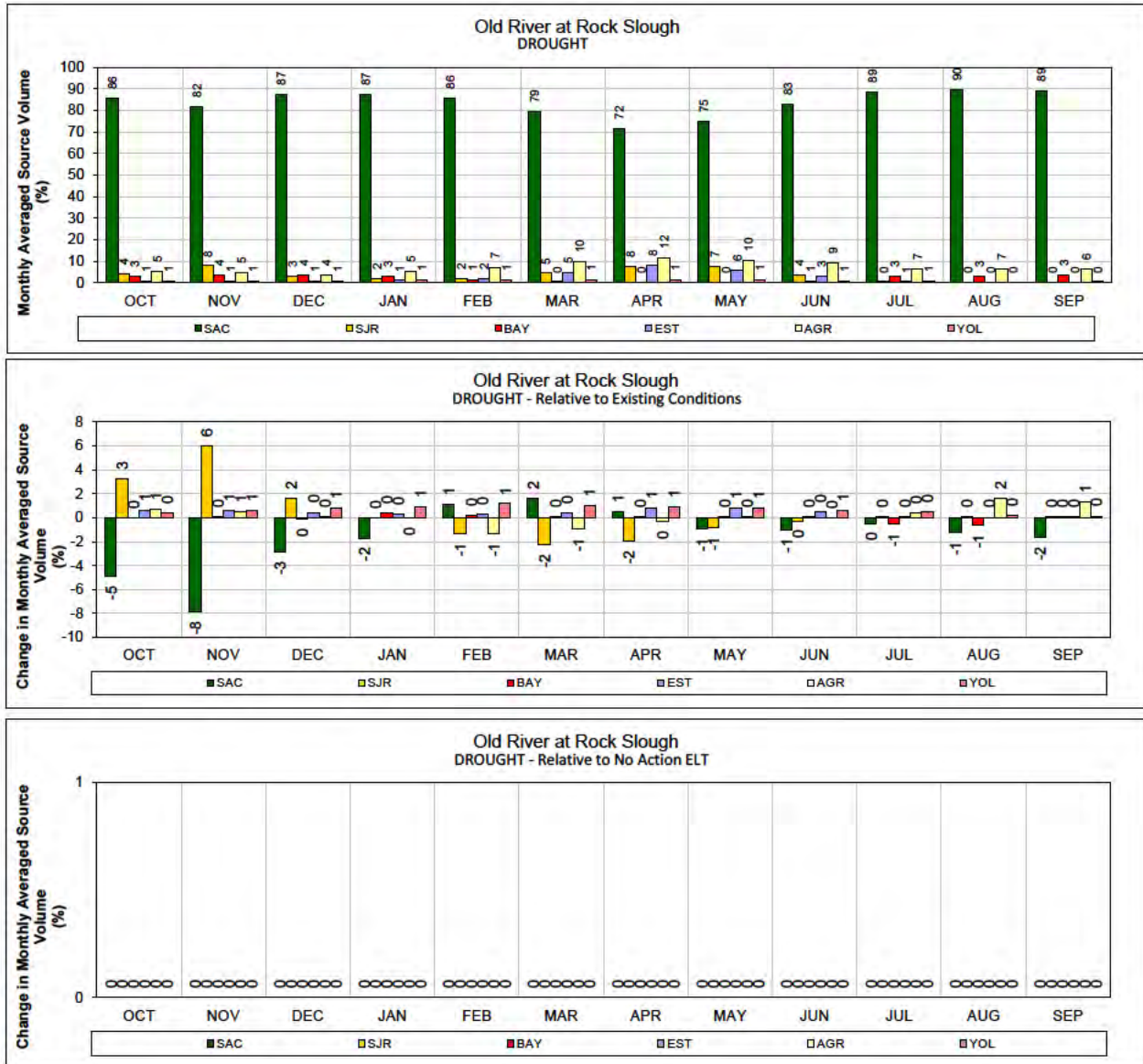
1 **Figure 291. No Action ELT – Franks Tract for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Early Long Term (bottom two figures).**



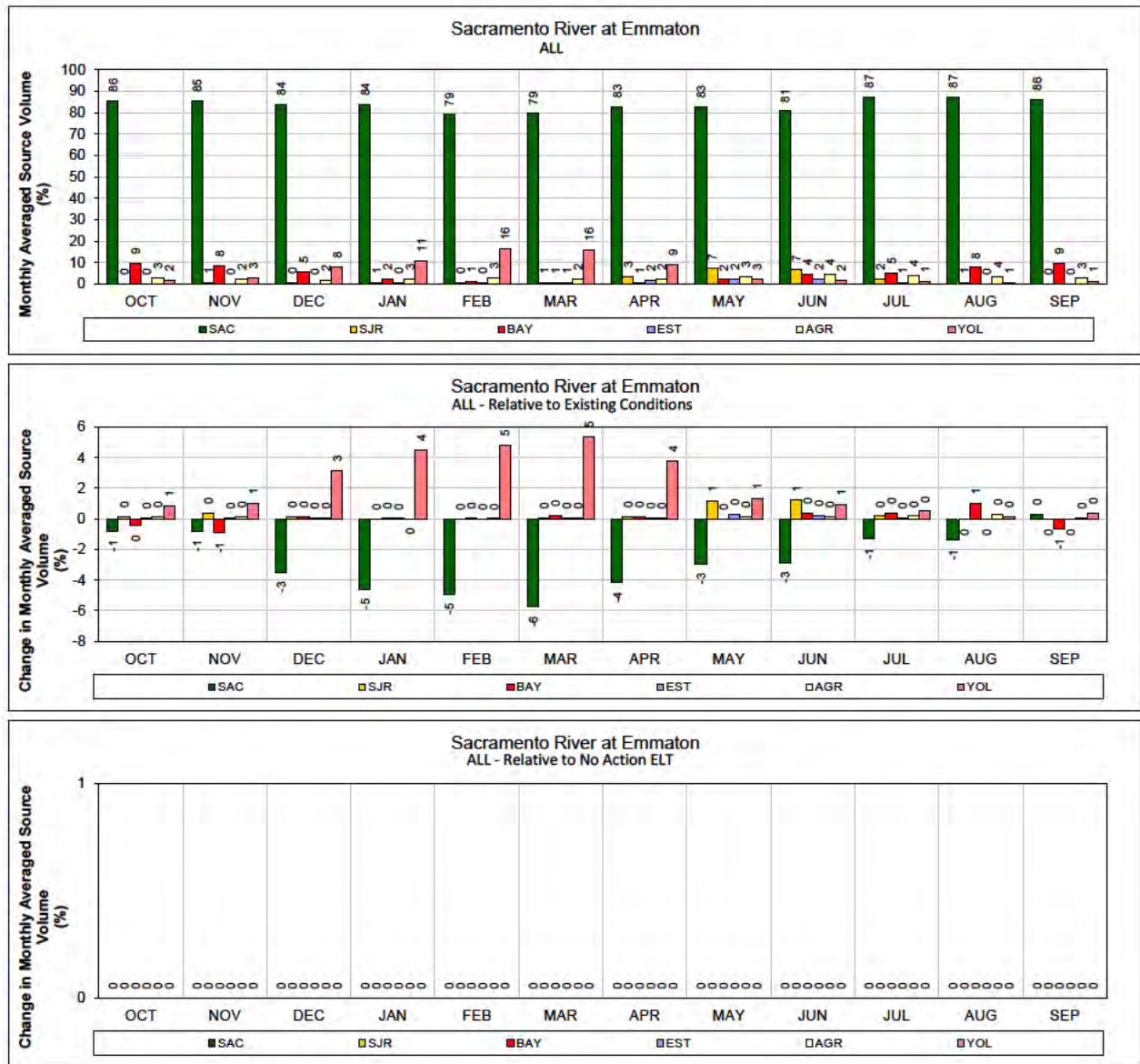
1 Figure 292. No Action ELT – Franks Tract for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



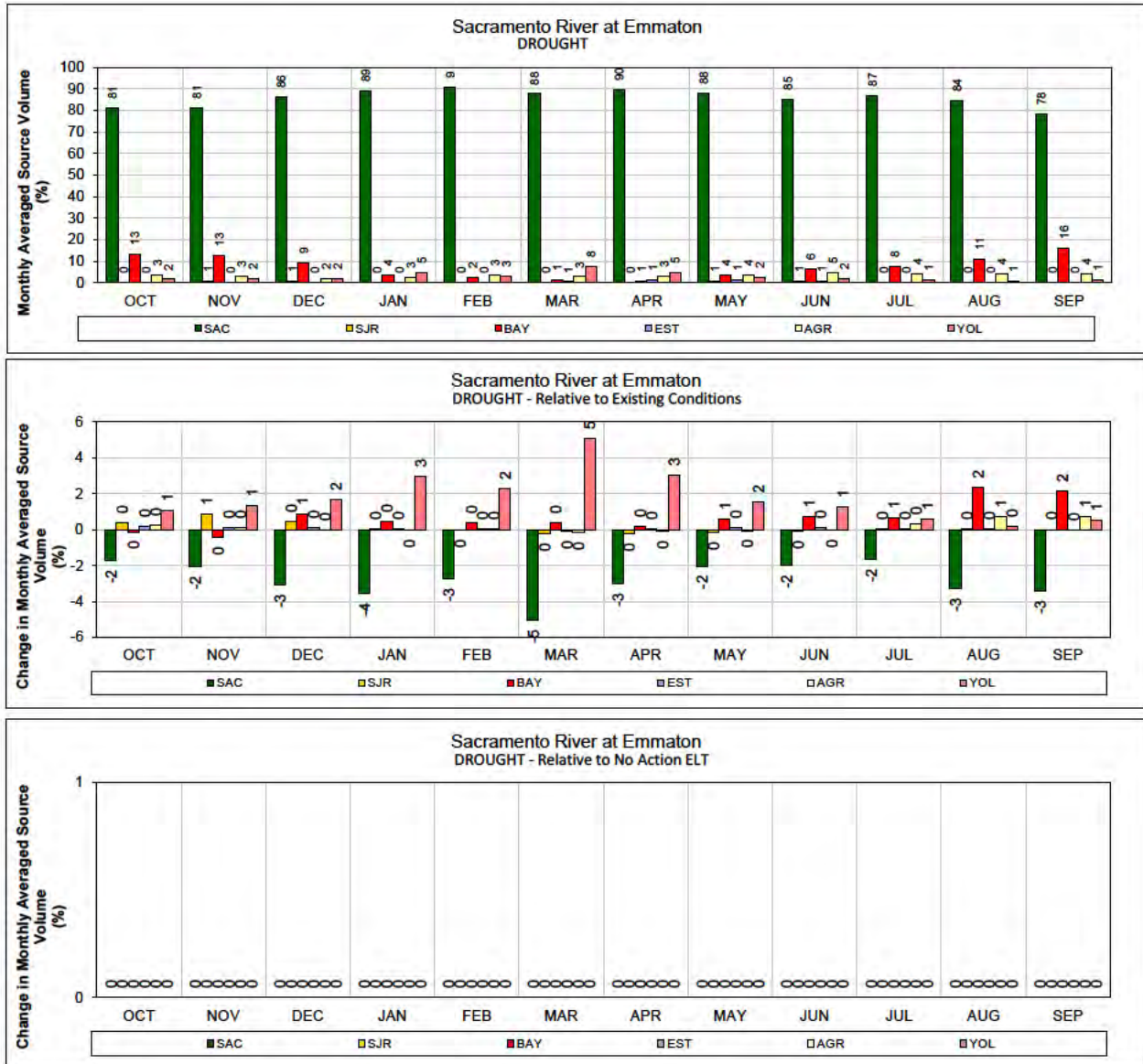
1 Figure 293. No Action ELT – Old River at Rock Slough for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



- 1 Figure 294. No Action ELT – Old River at Rock Slough for DROUGHT years (1987-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Early Long Term (bottom two figures).
- 3



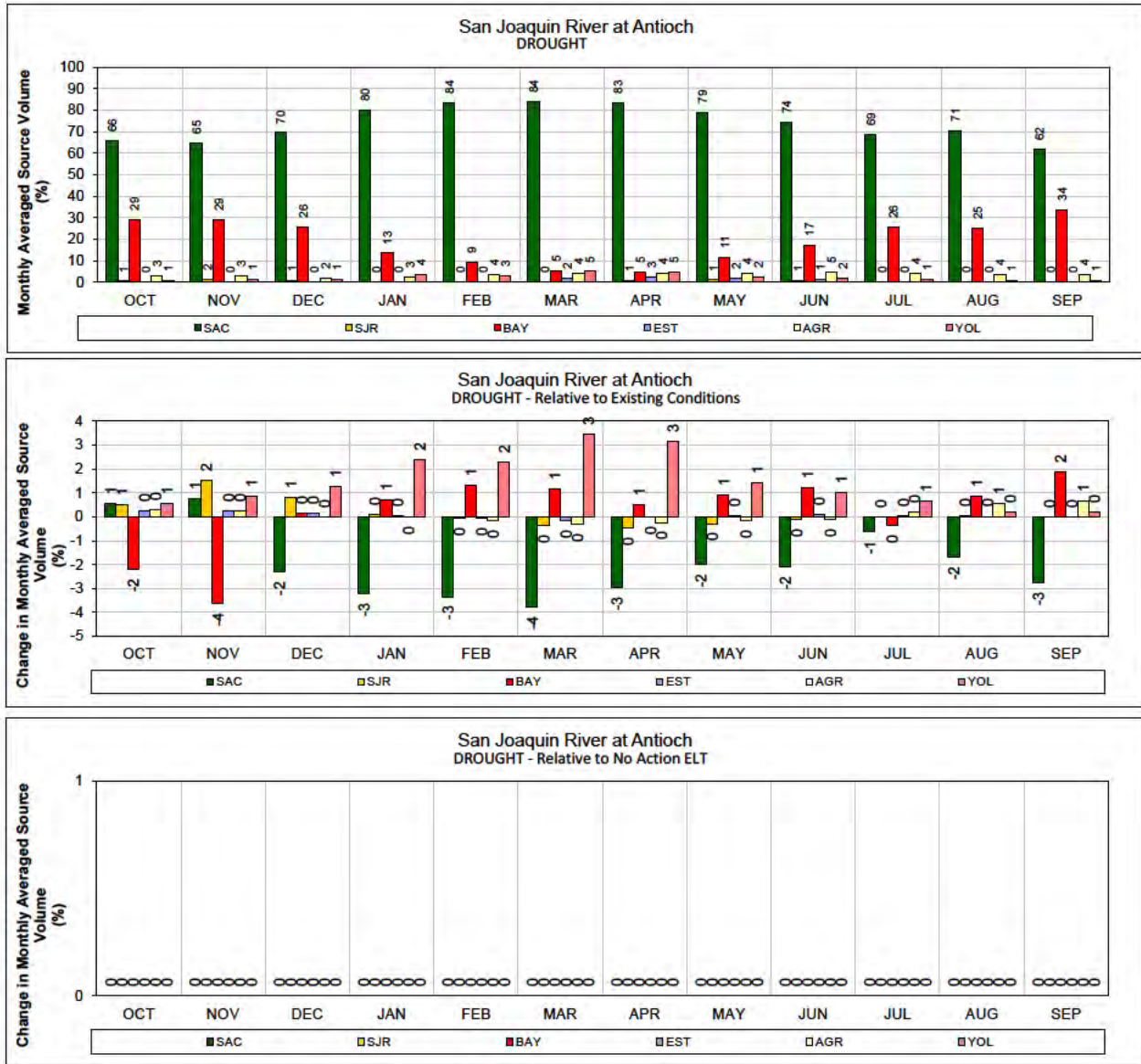
1 Figure 295. No Action ELT – Sacramento River at Emmaton for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



1 Figure 296. No Action ELT – Sacramento River at Emmaton for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



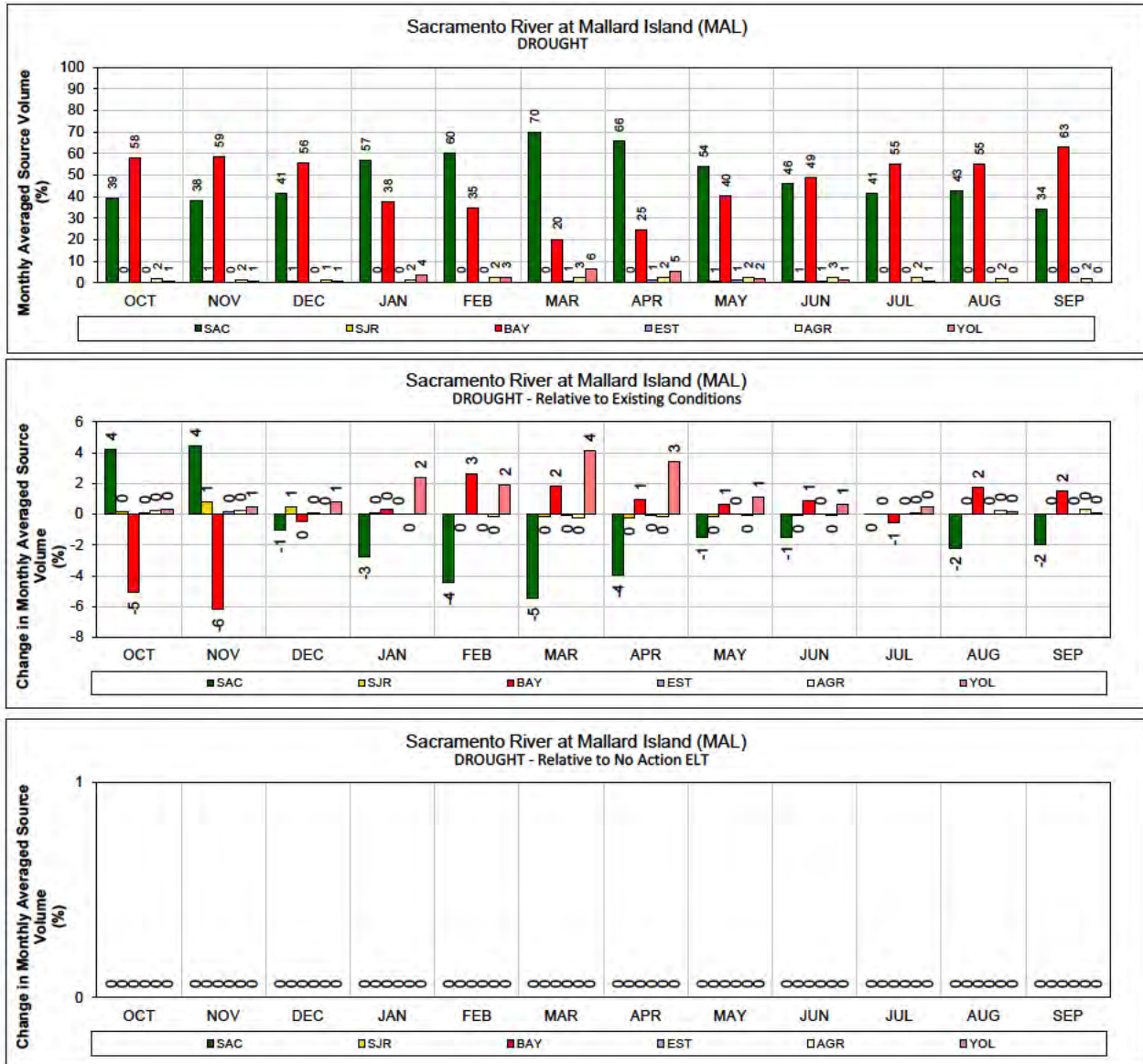
1 Figure 297. No Action ELT – San Joaquin River at Antioch for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



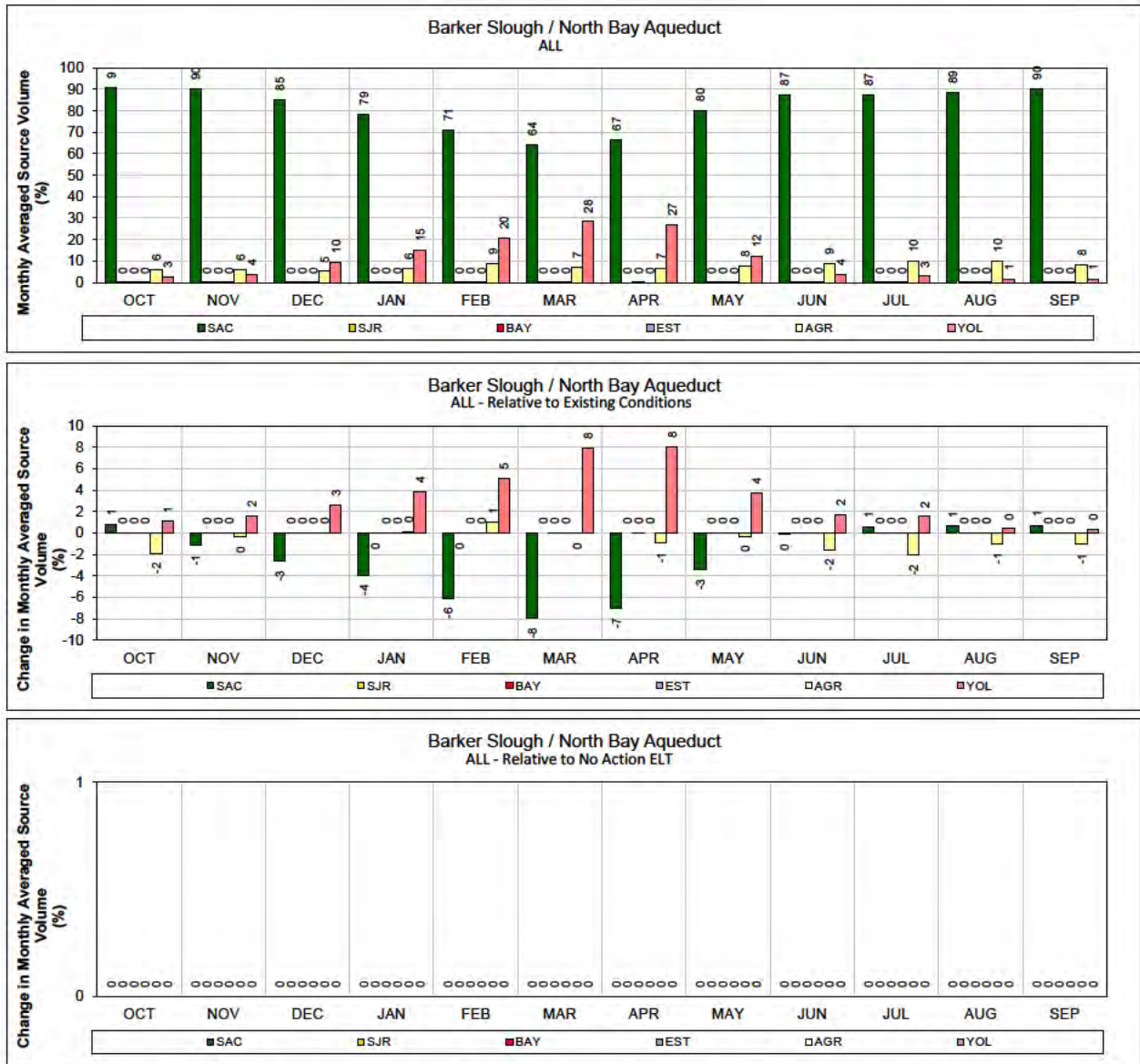
1 Figure 298. No Action ELT – San Joaquin River at Antioch for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



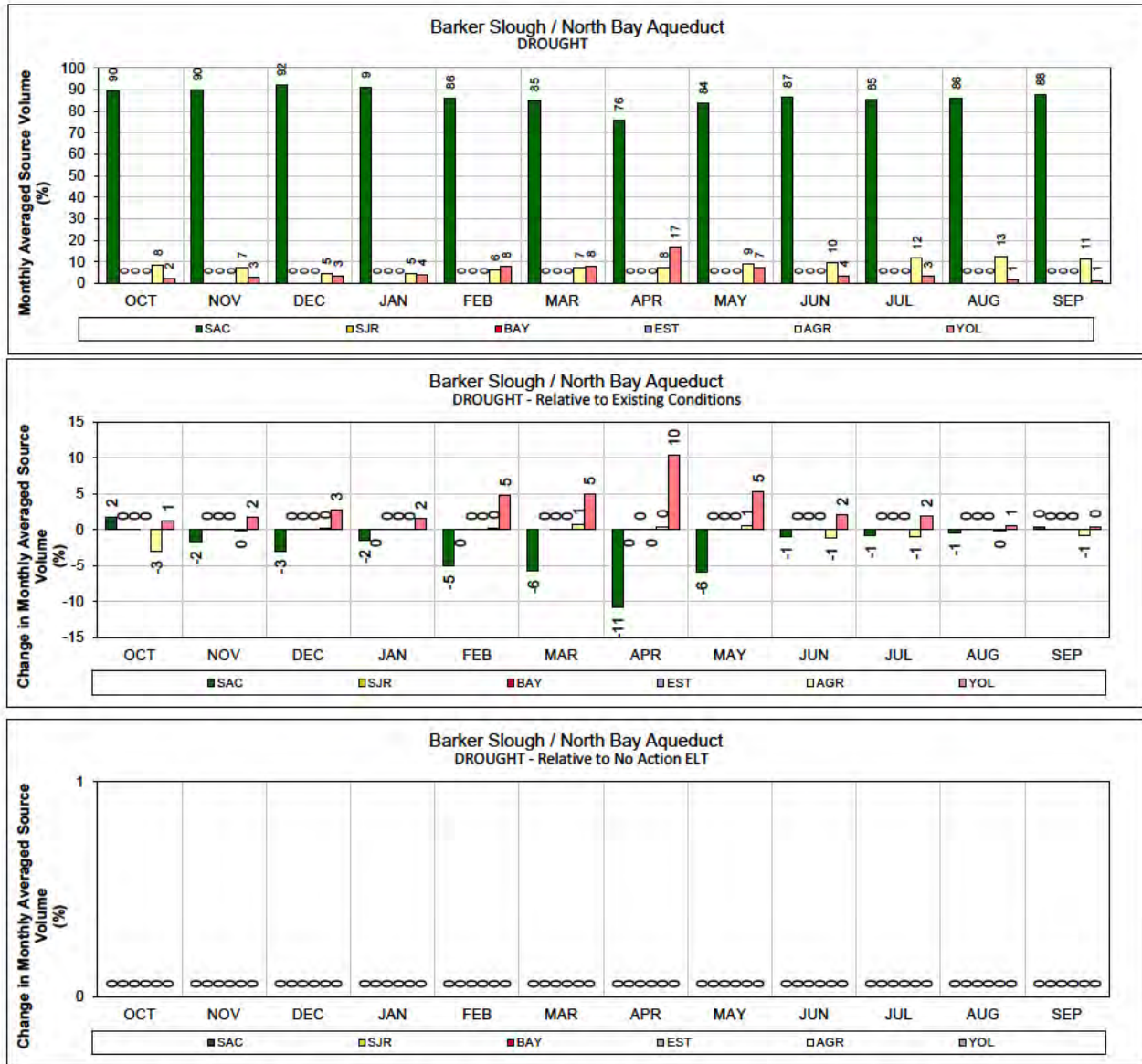
1 Figure 299. No Action ELT – Sacramento River at Mallard Island for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



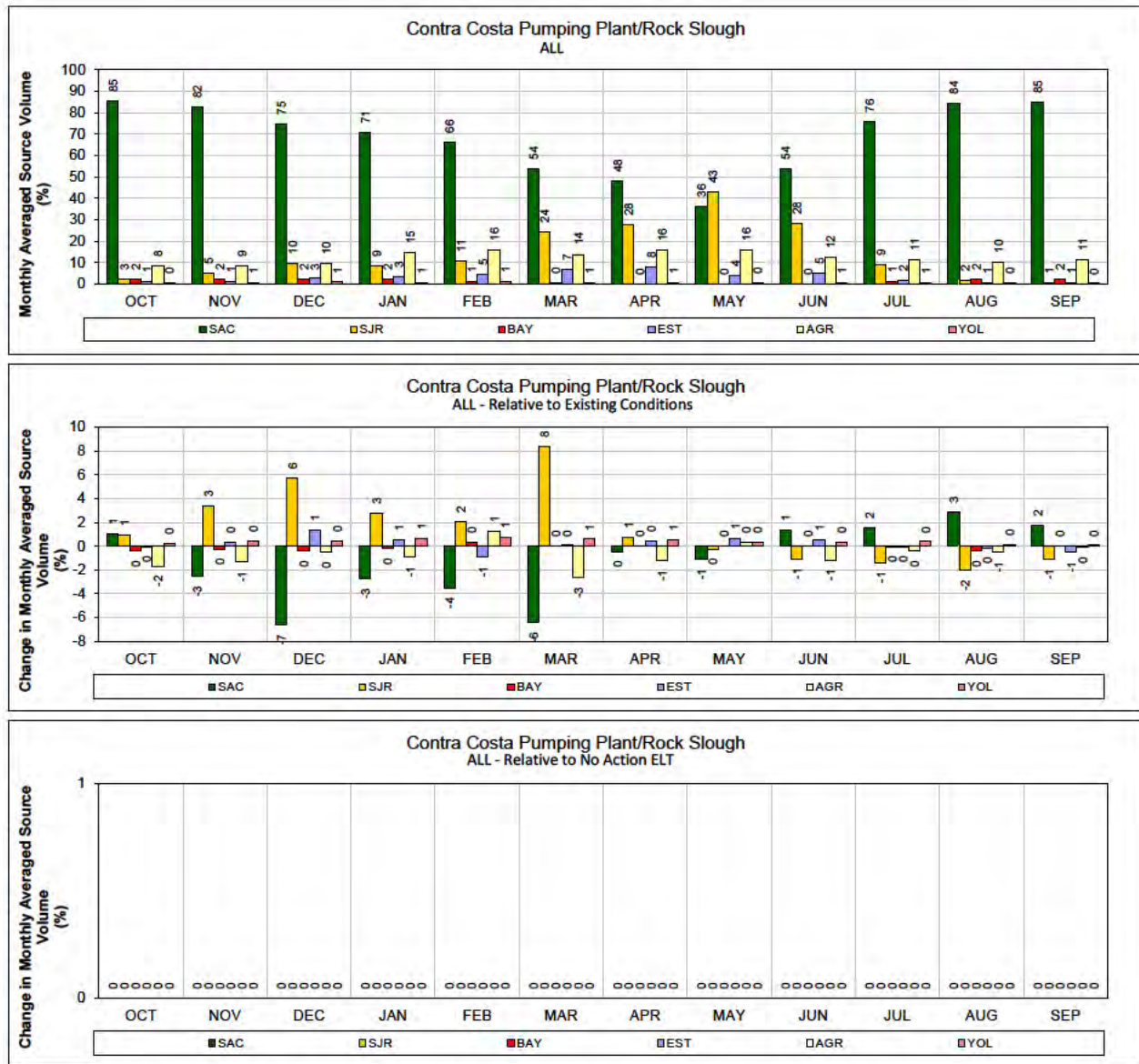
- 1 Figure 300. No Action ELT – Sacramento River at Mallard Island for DROUGHT years (1987-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Early Long Term (bottom two figures).
- 3



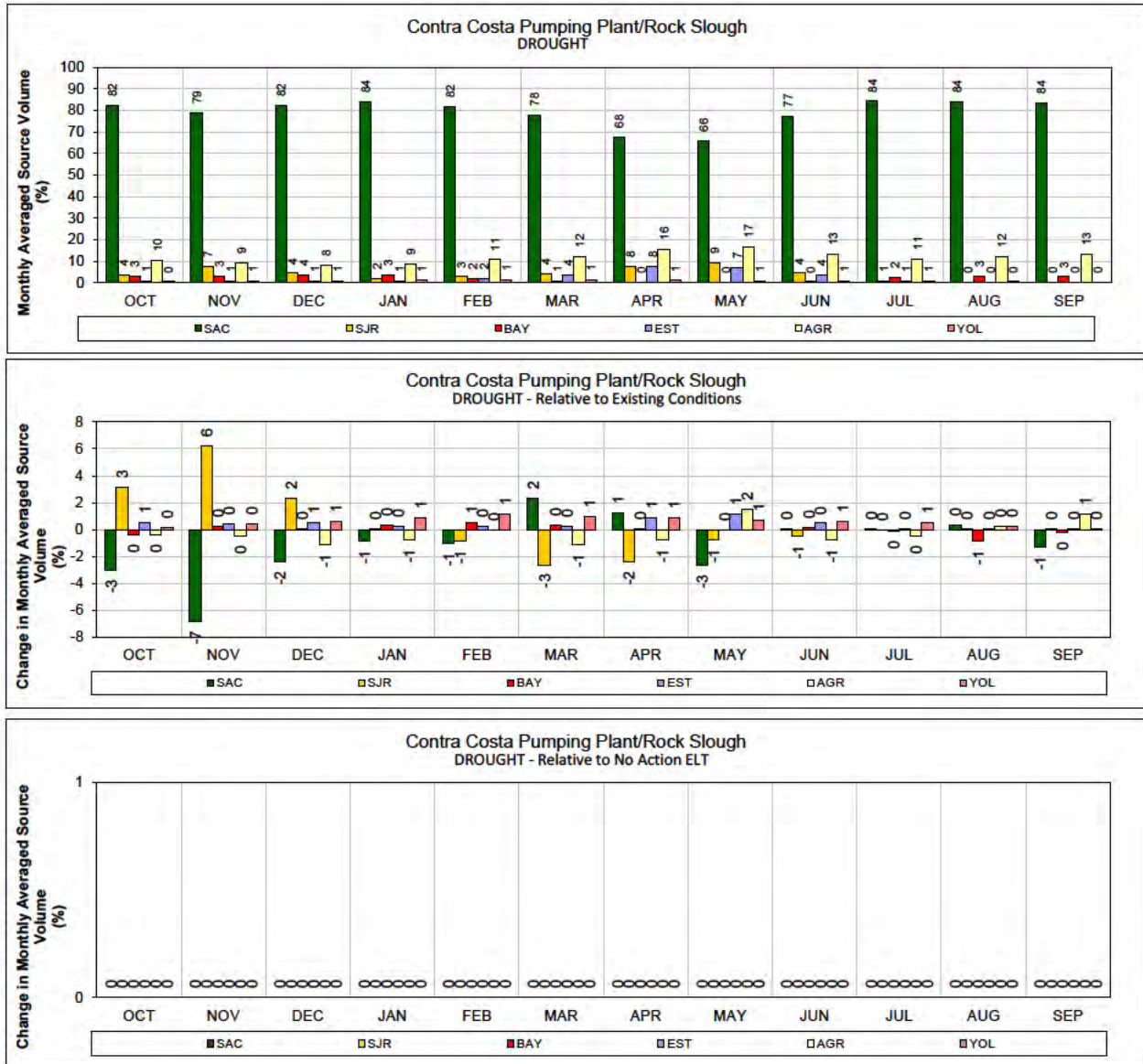
- 1 Figure 301. No Action ELT – North Bay Aqueduct at Barker Slough Pumping Plant for ALL years
- 2 (1976-1991)
- 3 Monthly average source volume (top figure) and change in monthly average source volume relative to
- 4 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



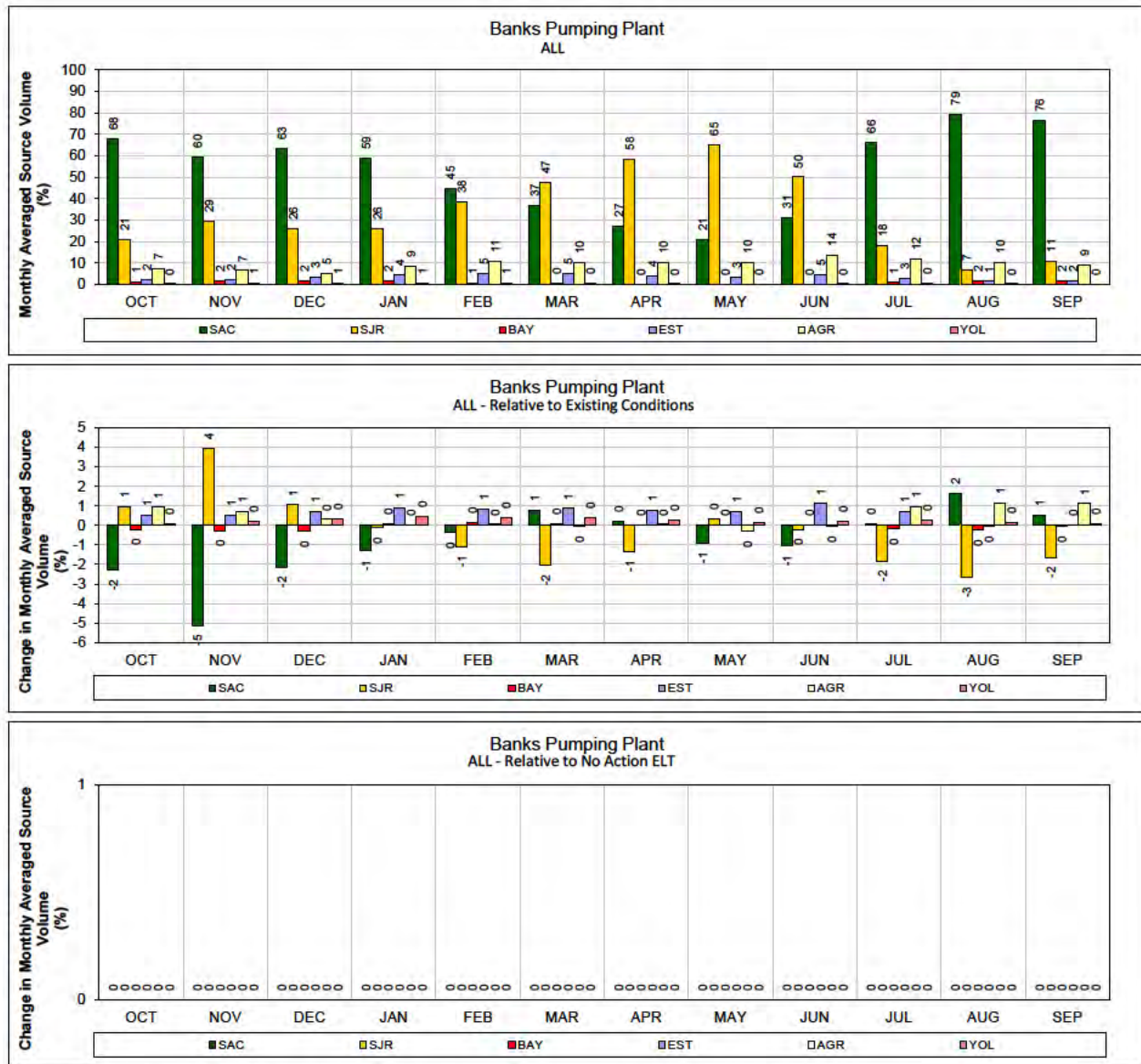
- 1 **Figure 302. No Action ELT – North Bay Aqueduct at Barker Slough Pumping Plant for DROUGHT**
- 2 **years (1987-1991)**
- 3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
- 4 **Existing Conditions and No Action Alternative Early Long Term (bottom two figures).**



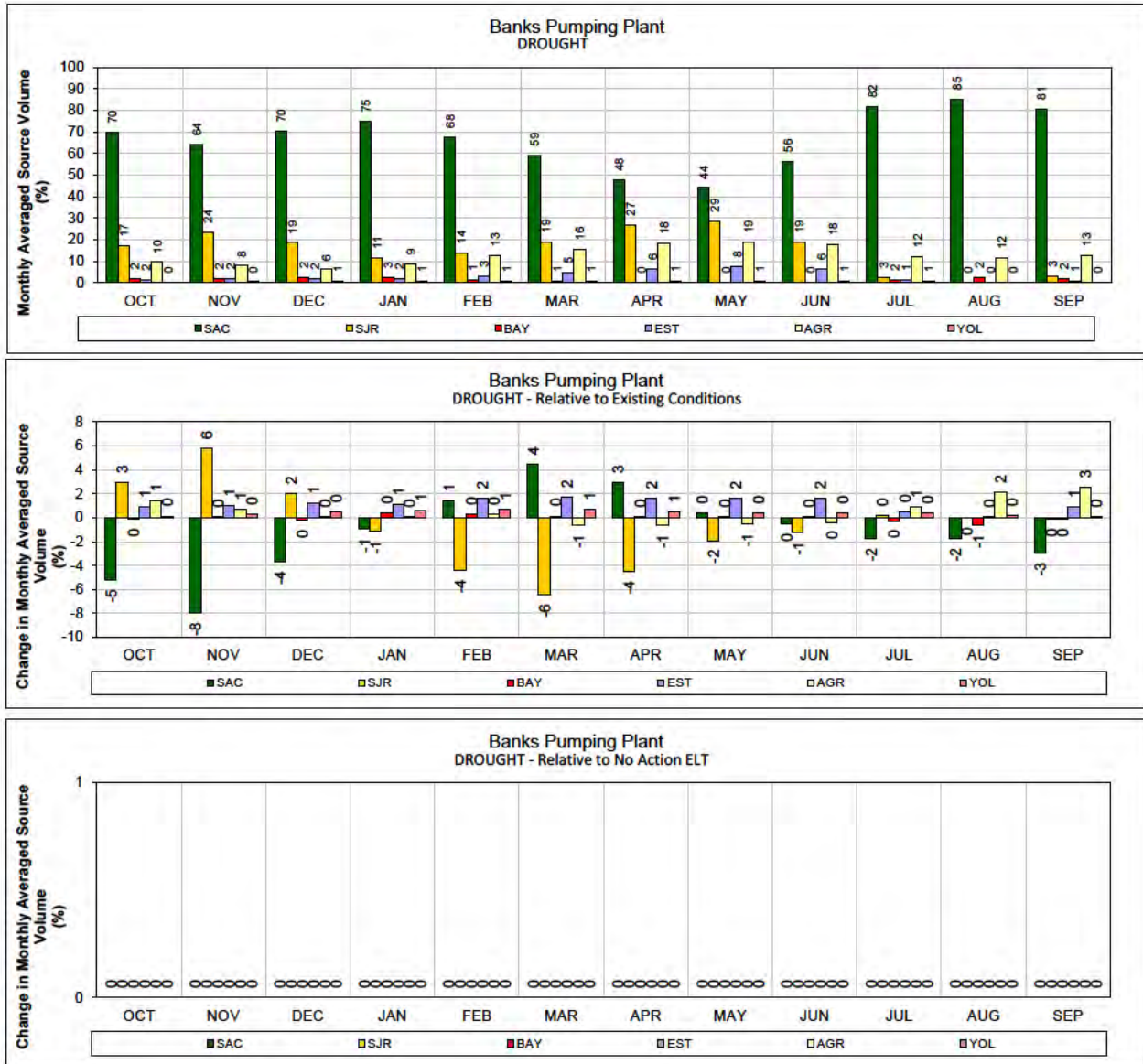
1 Figure 303. No Action ELT – Contra Costa Pumping Plant #1 for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



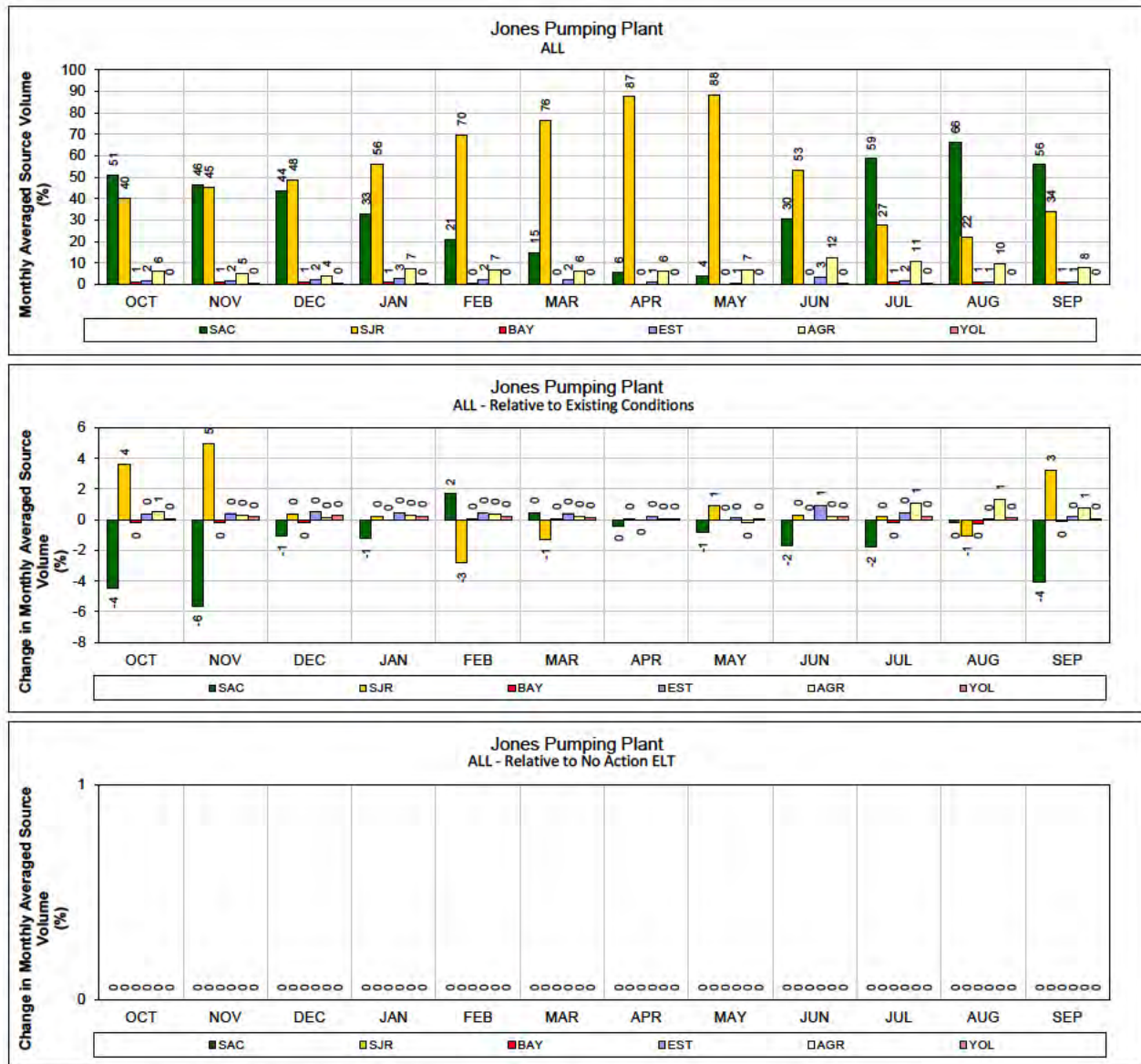
- 1 Figure 304. No Action ELT – Contra Costa Pumping Plant #1 for DROUGHT years (1987-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Early Long Term (bottom two figures).
- 3



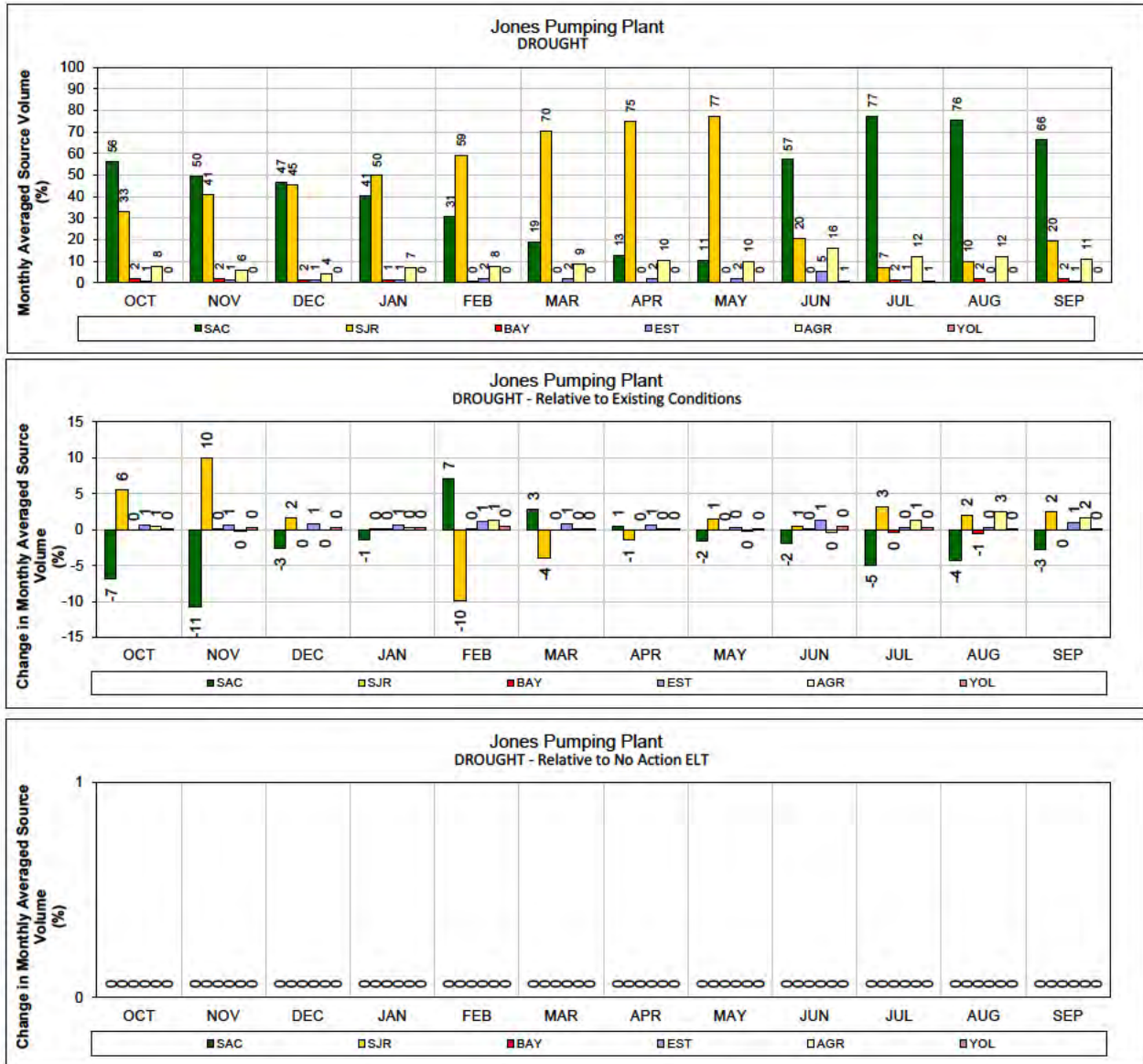
1 Figure 305. No Action ELT – Banks Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



1 Figure 306. No Action ELT – Banks Pumping Plant for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).

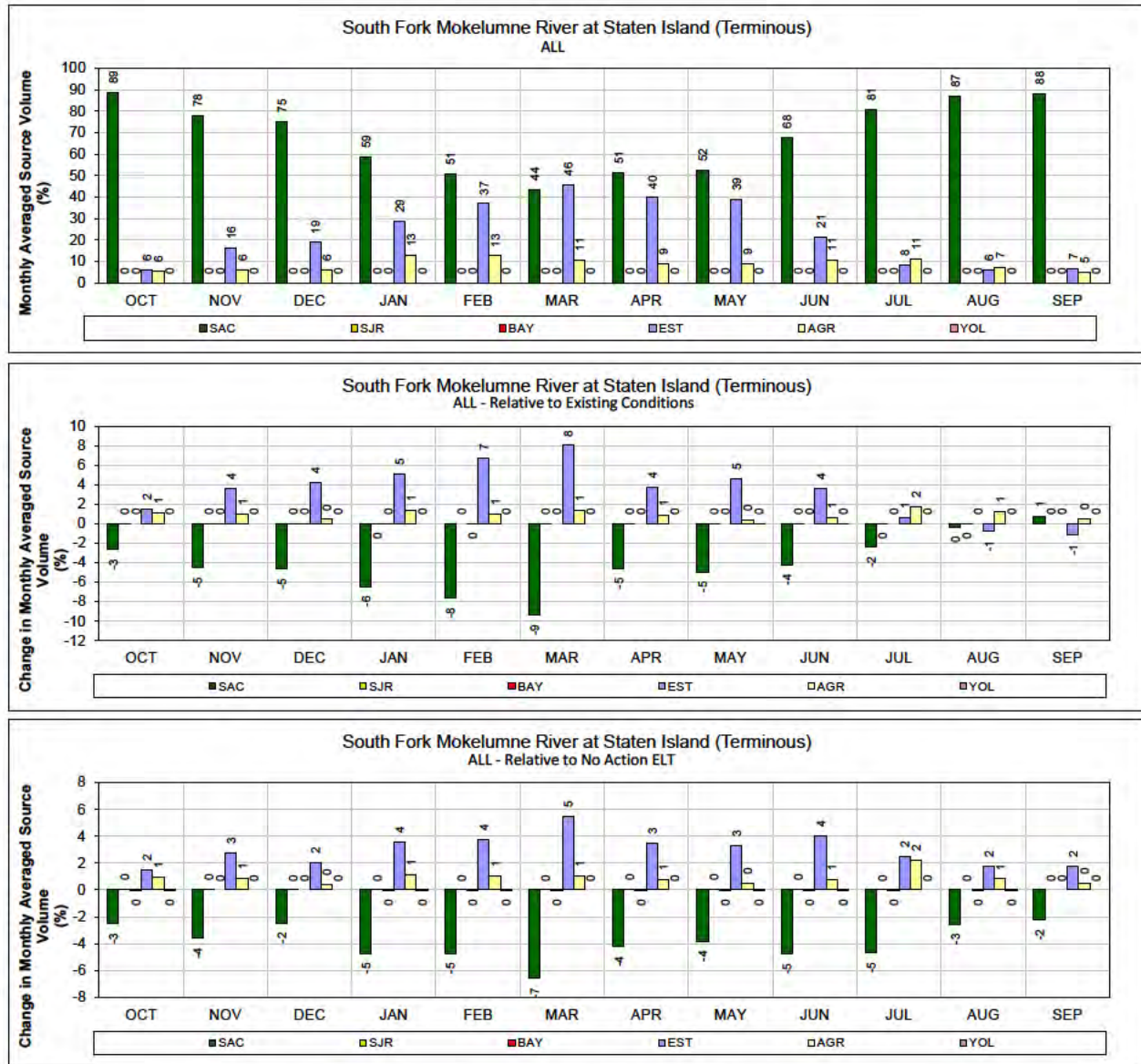


1 Figure 307. No Action ELT – Jones Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).

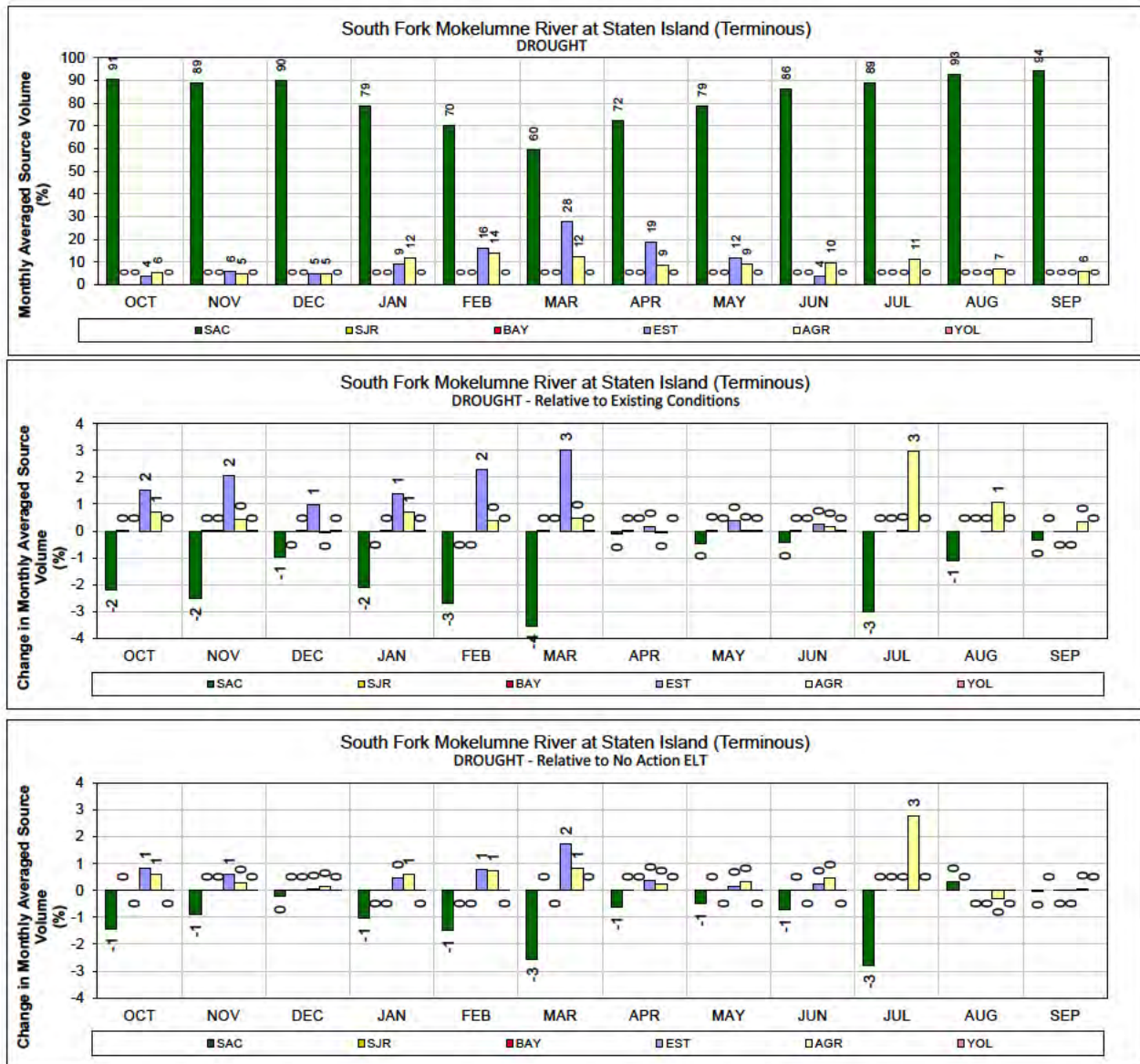


- 1 Figure 308. No Action ELT – Jones Pumping Plant for DROUGHT years (1987-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Early Long Term (bottom two figures).
- 3

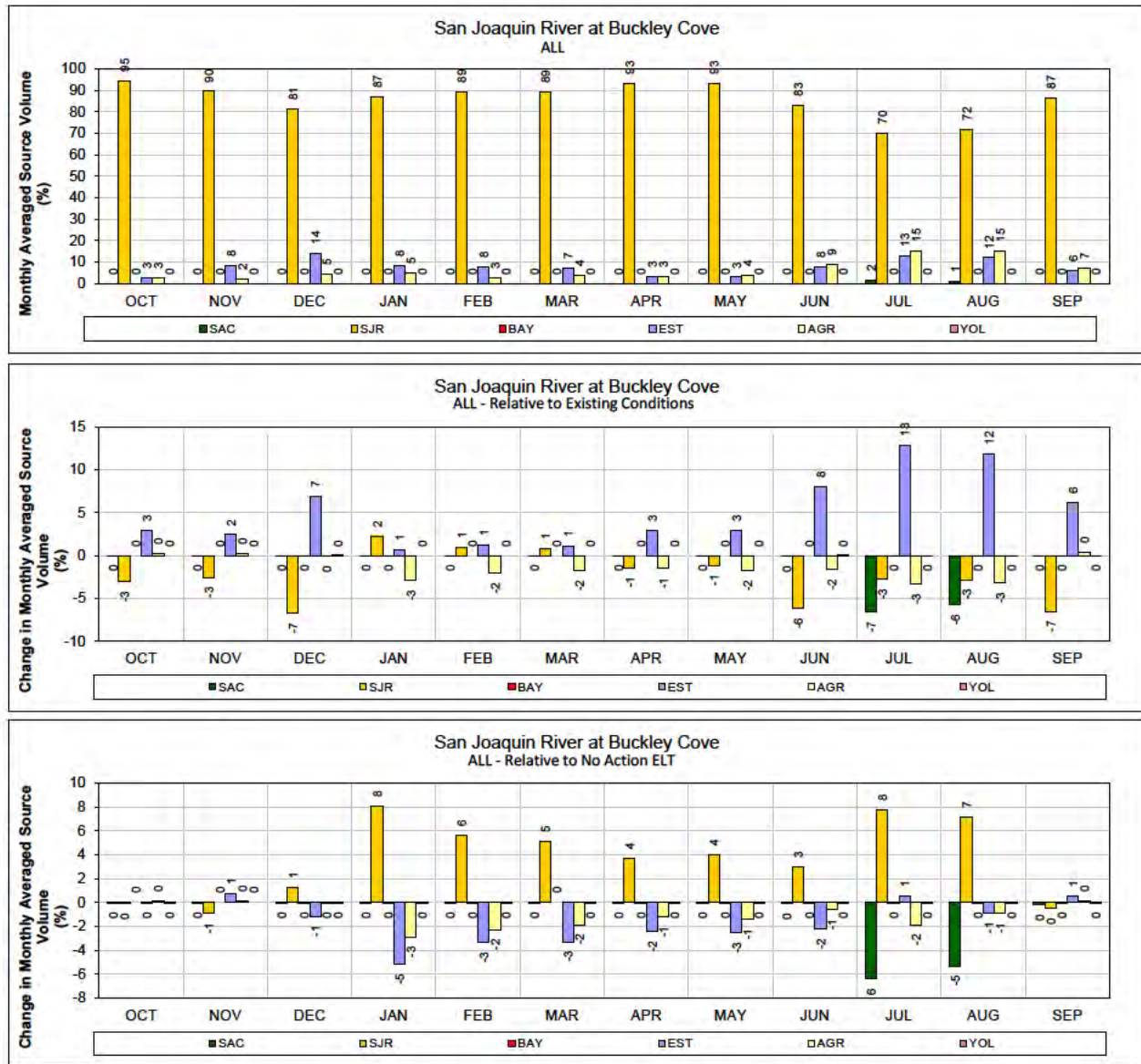
Alternative 4A ELT



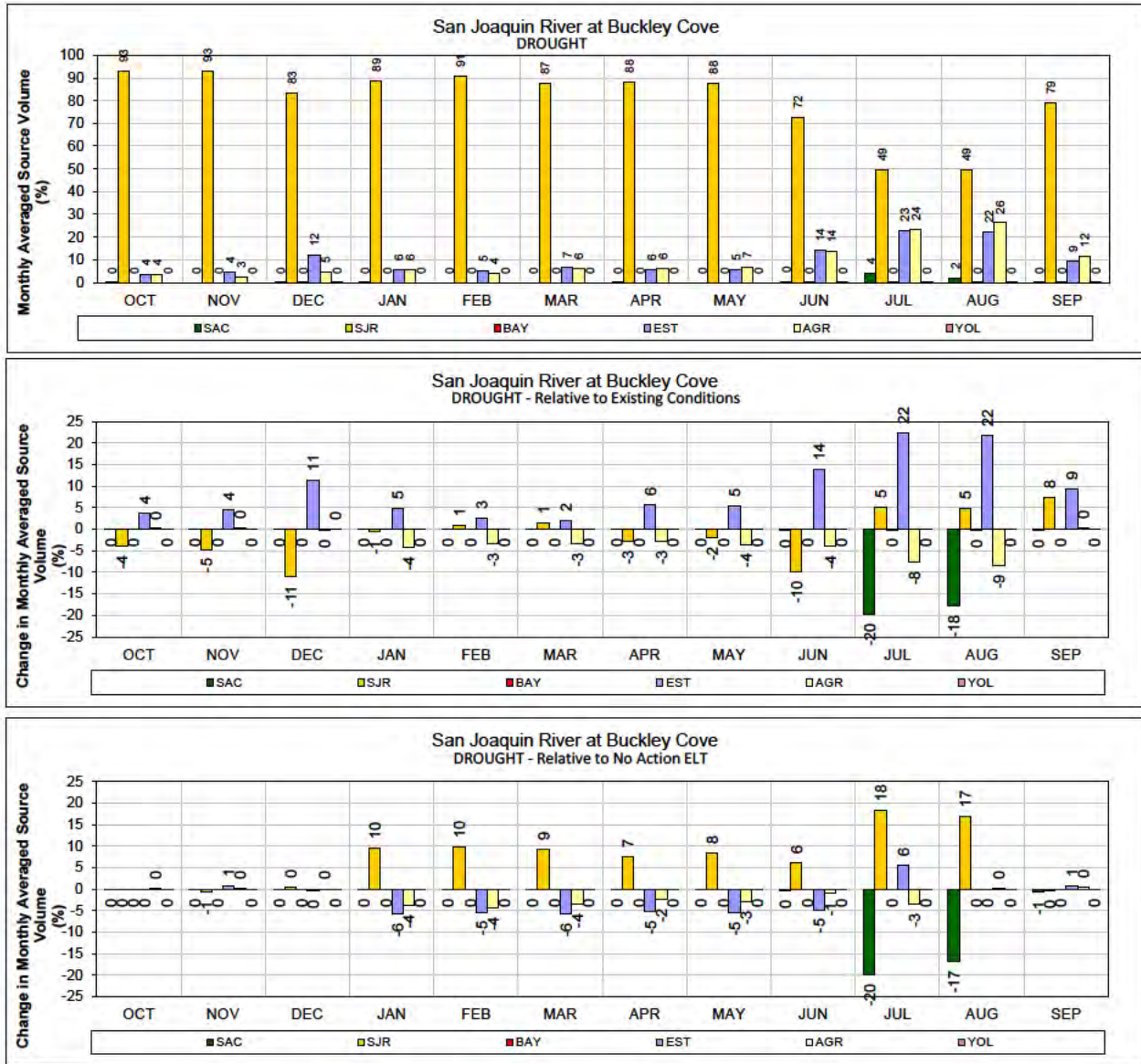
1 **Figure 309. ALT 4A – Mokelumne River (South Fork) at Staten Island for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Early Long Term (bottom two figures).**



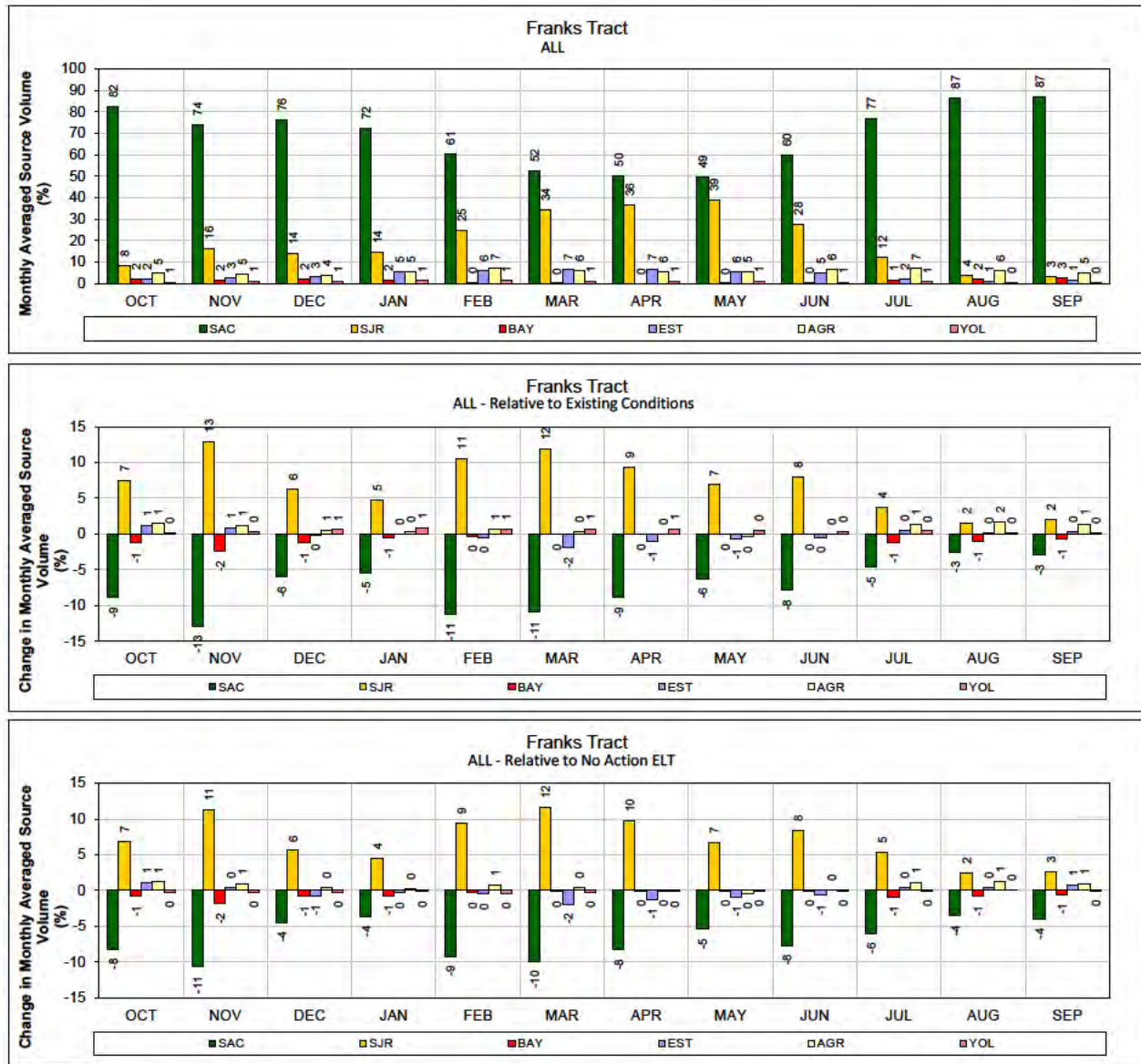
1 **Figure 310. ALT 4A – Mokelumne River (South Fork) at Staten Island for DROUGHT years**
 2 **(1987-1991)**
 3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Early Long Term (bottom two figures).**



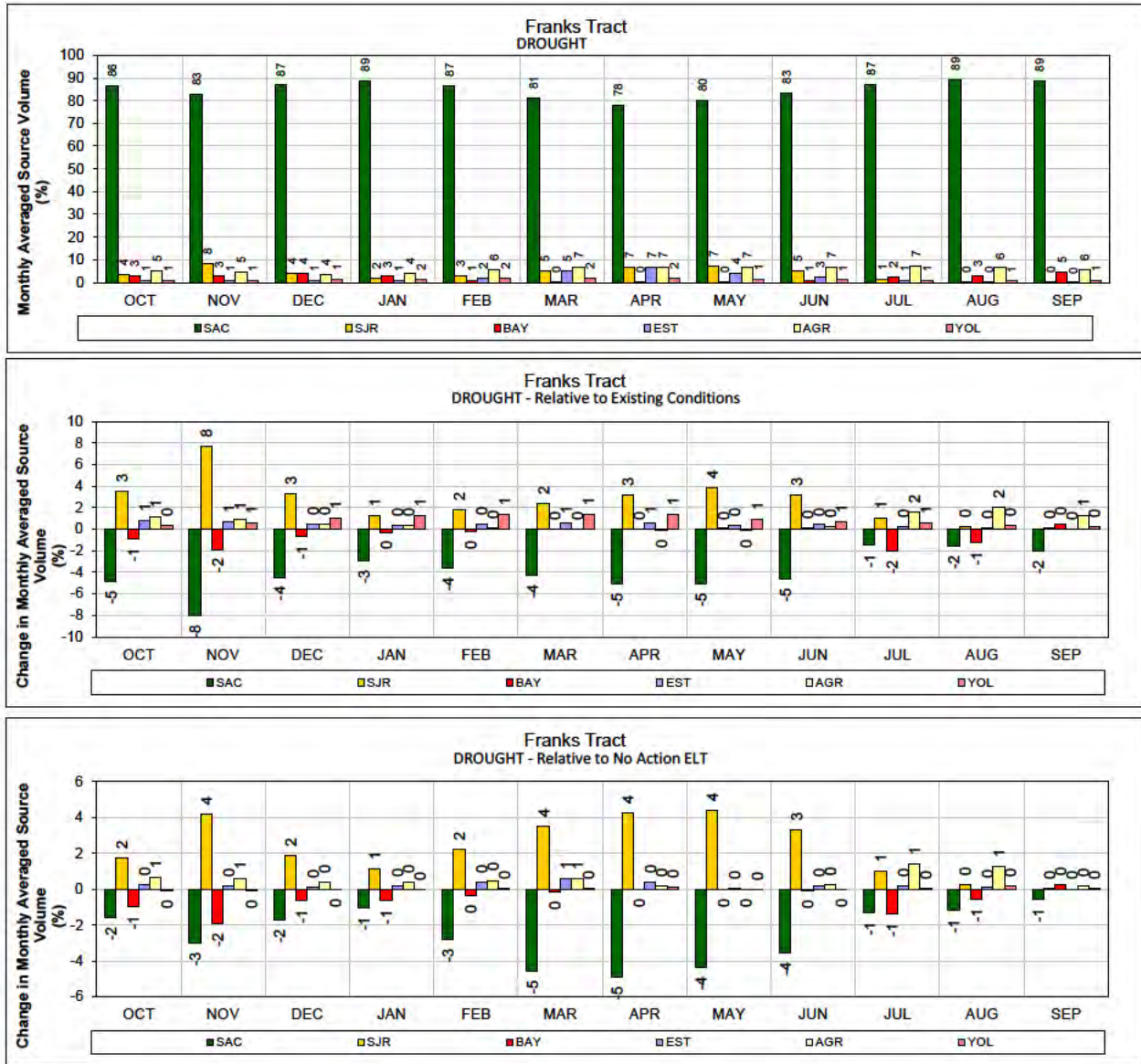
1 Figure 311. ALT 4A – San Joaquin River at Buckley Cove for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



1 Figure 312. ALT 4A – San Joaquin River at Buckley Cove for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



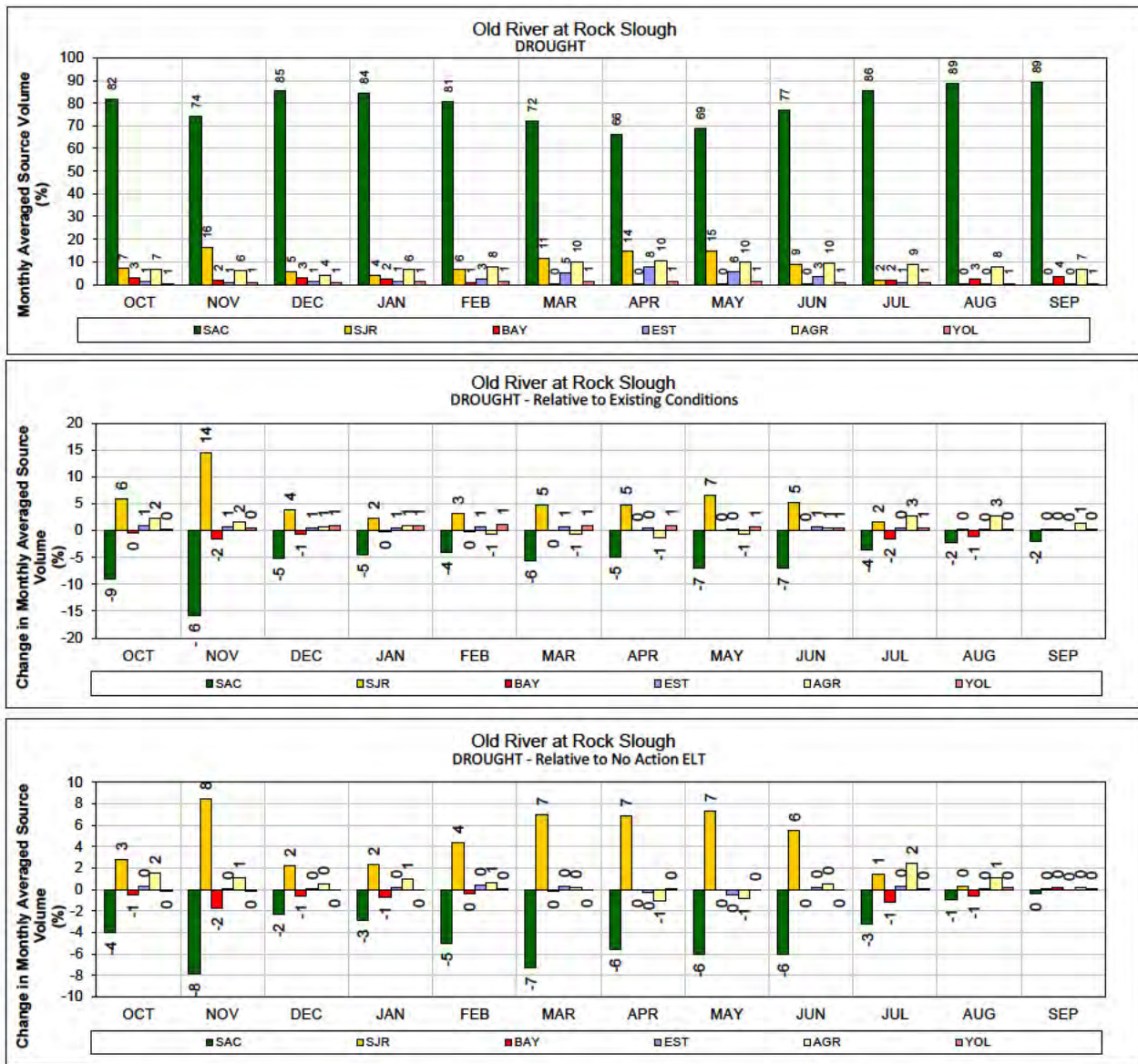
1 Figure 313. ALT 4A – Franks Tract for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



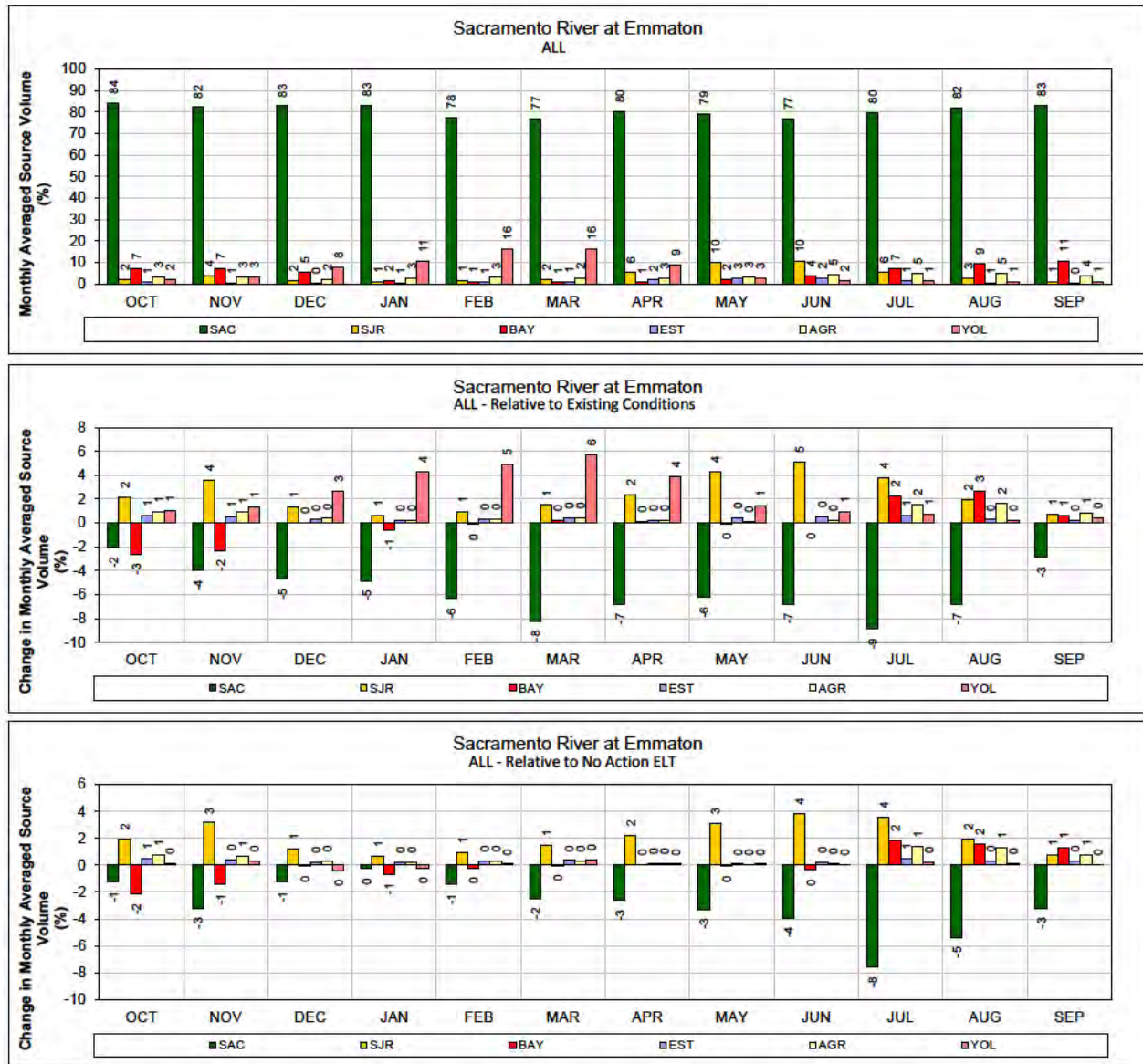
- 1 Figure 314. ALT 4A – Franks Tract for DROUGHT years (1987-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
- 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



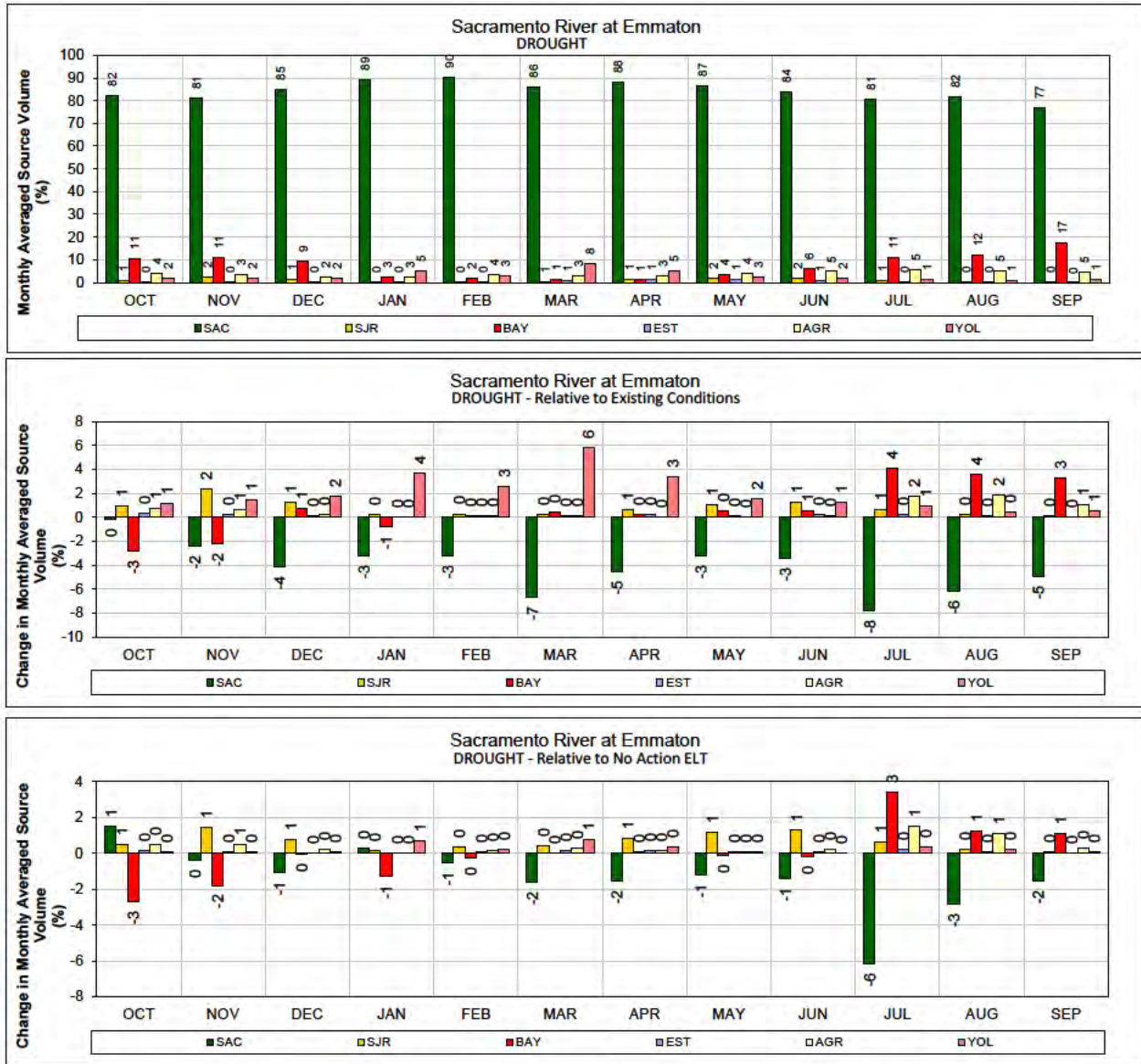
1 **Figure 315. ALT 4A – Old River at Rock Slough for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Early Long Term (bottom two figures).**



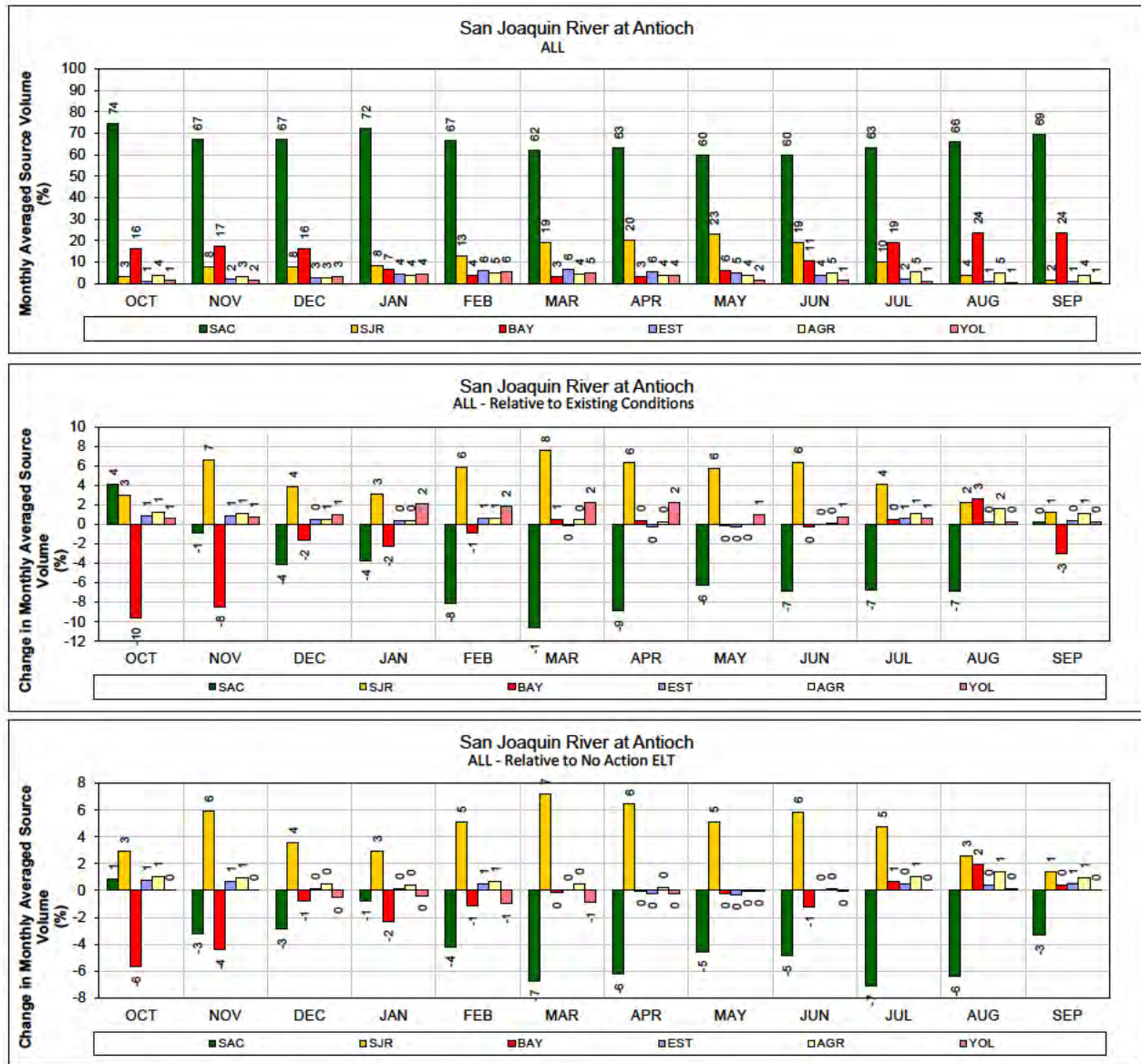
1 Figure 316. ALT 4A – Old River at Rock Slough for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



- 1 Figure 317. ALT 4A – Sacramento River at Emmaton for ALL years (1976-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Early Long Term (bottom two figures).
- 3



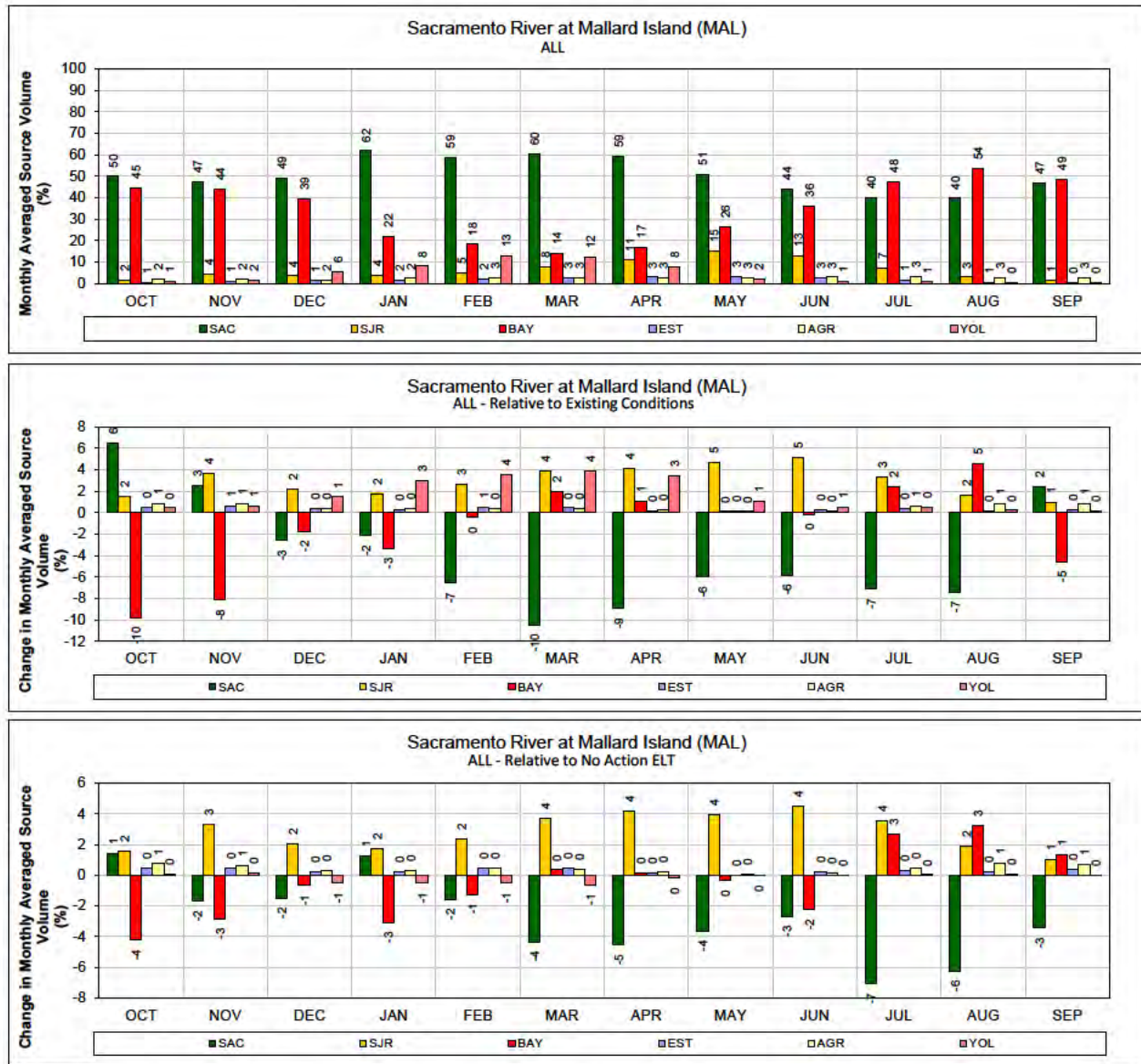
1 Figure 318. ALT 4A – Sacramento River at Emmaton for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



1 Figure 319. ALT 4A –San Joaquin River at Antioch for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



1 Figure 320. ALT 4A – San Joaquin River at Antioch for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



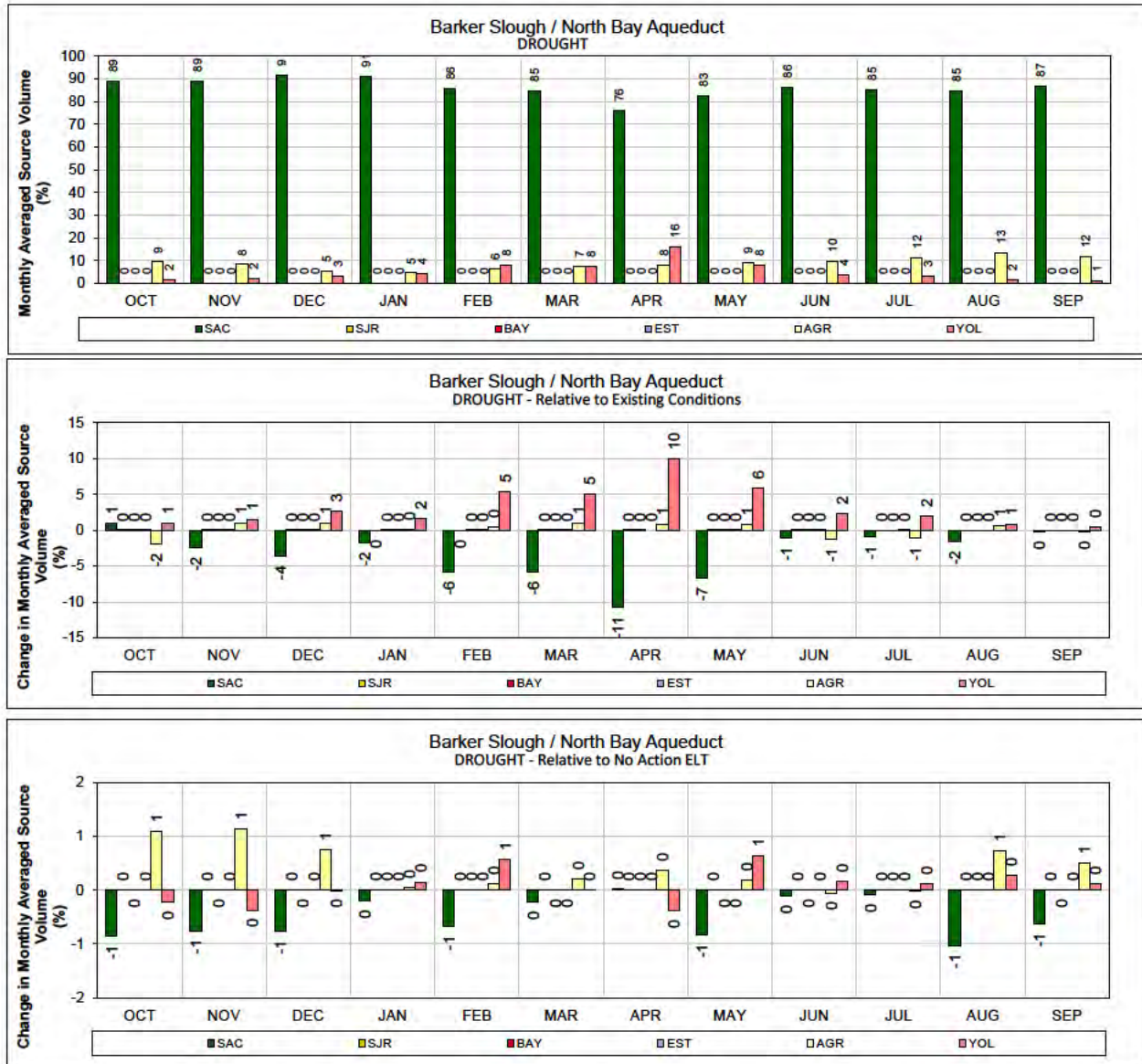
1 Figure 321. ALT 4A – Sacramento River at Mallard Island for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



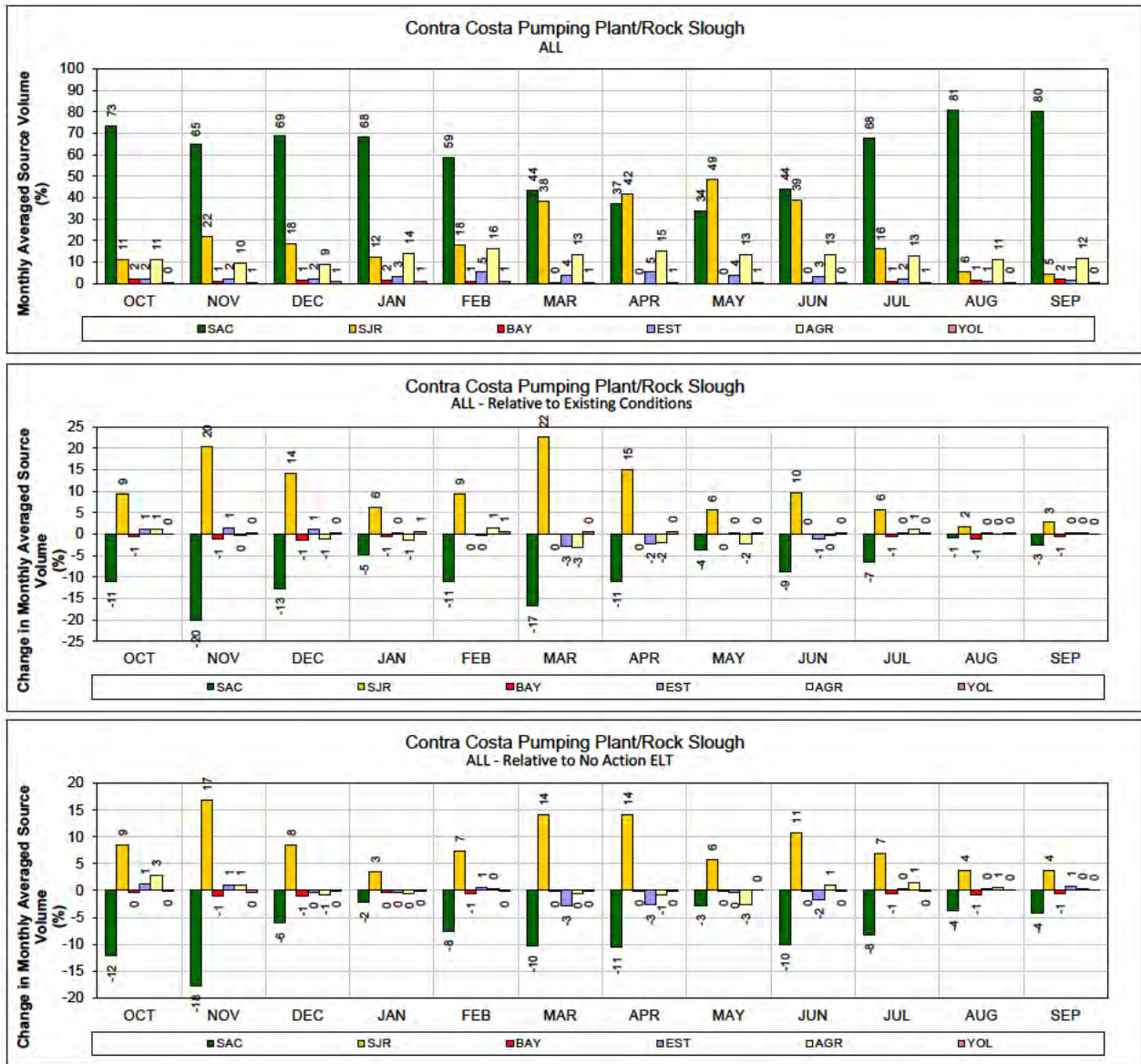
1 Figure 322. ALT 4A – Sacramento River at Mallard Island for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



1 Figure 323. ALT 4A – North Bay Aqueduct at Barker Slough Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



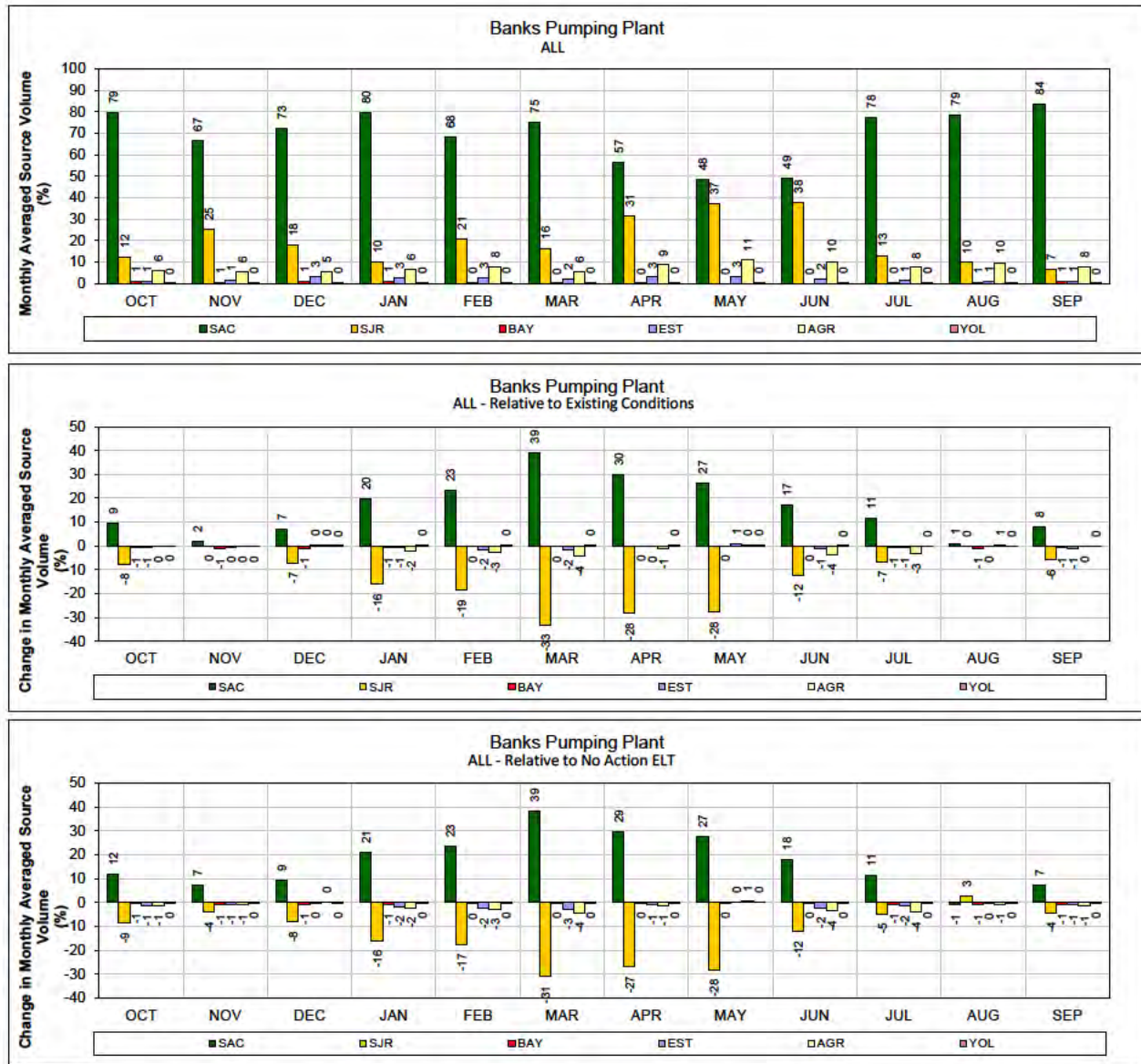
1 **Figure 324. ALT 4A – North Bay Aqueduct at Barker Slough Pumping Plant for DROUGHT years**
 2 **(1987-1991)**
 3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Early Long Term (bottom two figures).**



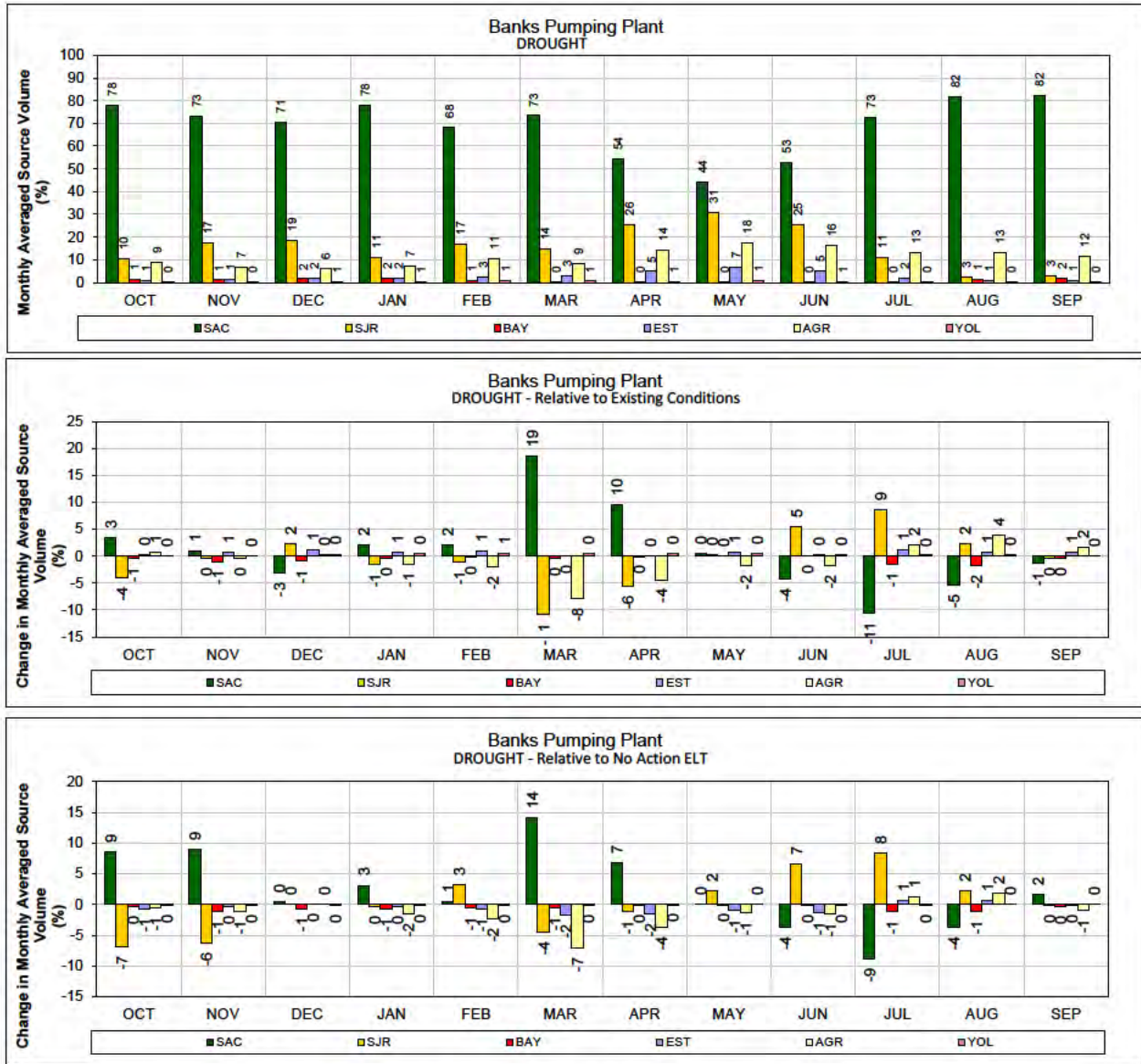
1 Figure 325. ALT 4A – Contra Costa Pumping Plant #1 for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



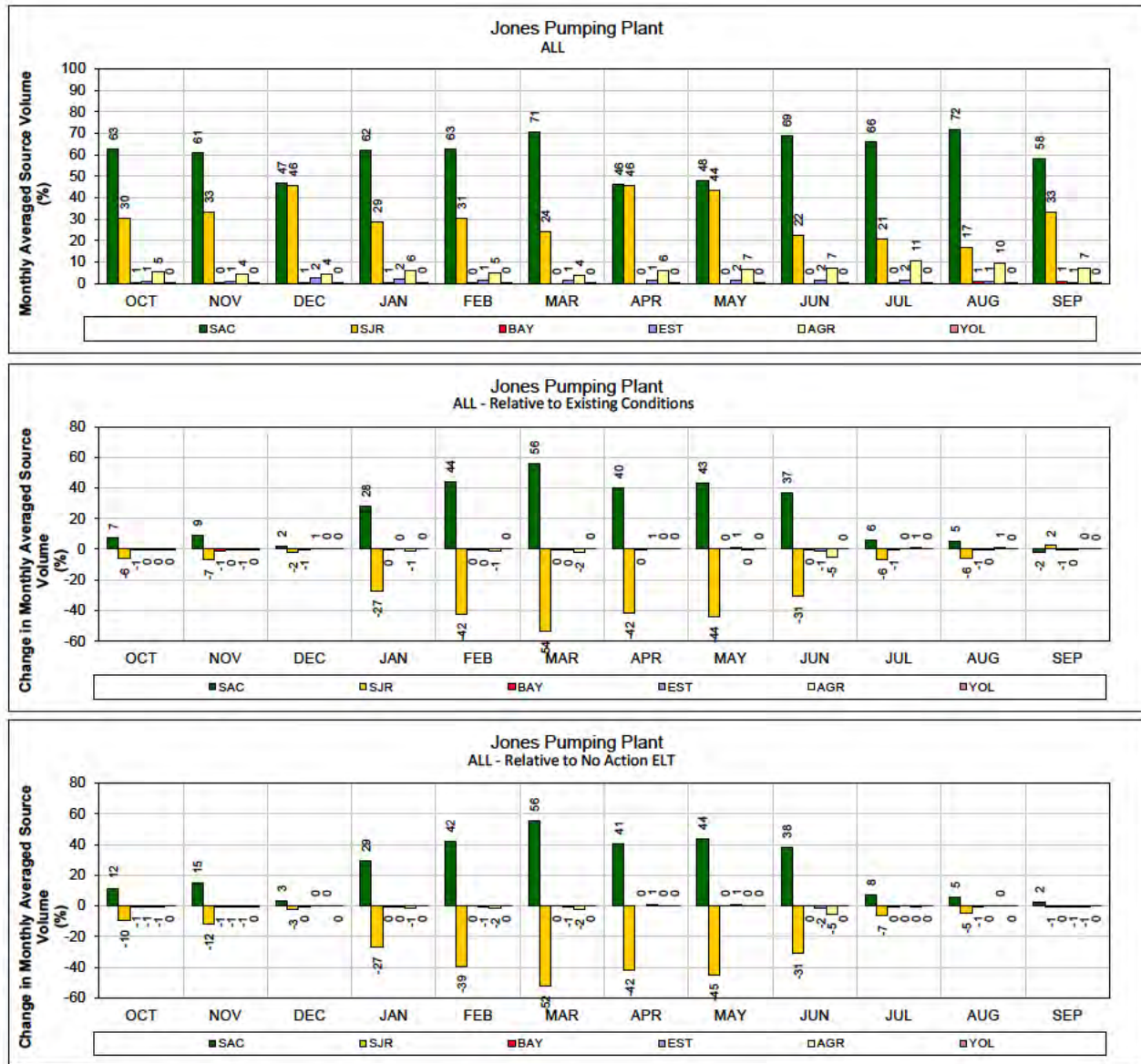
1 Figure 326. ALT 4A – Contra Costa Pumping Plant #1 for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



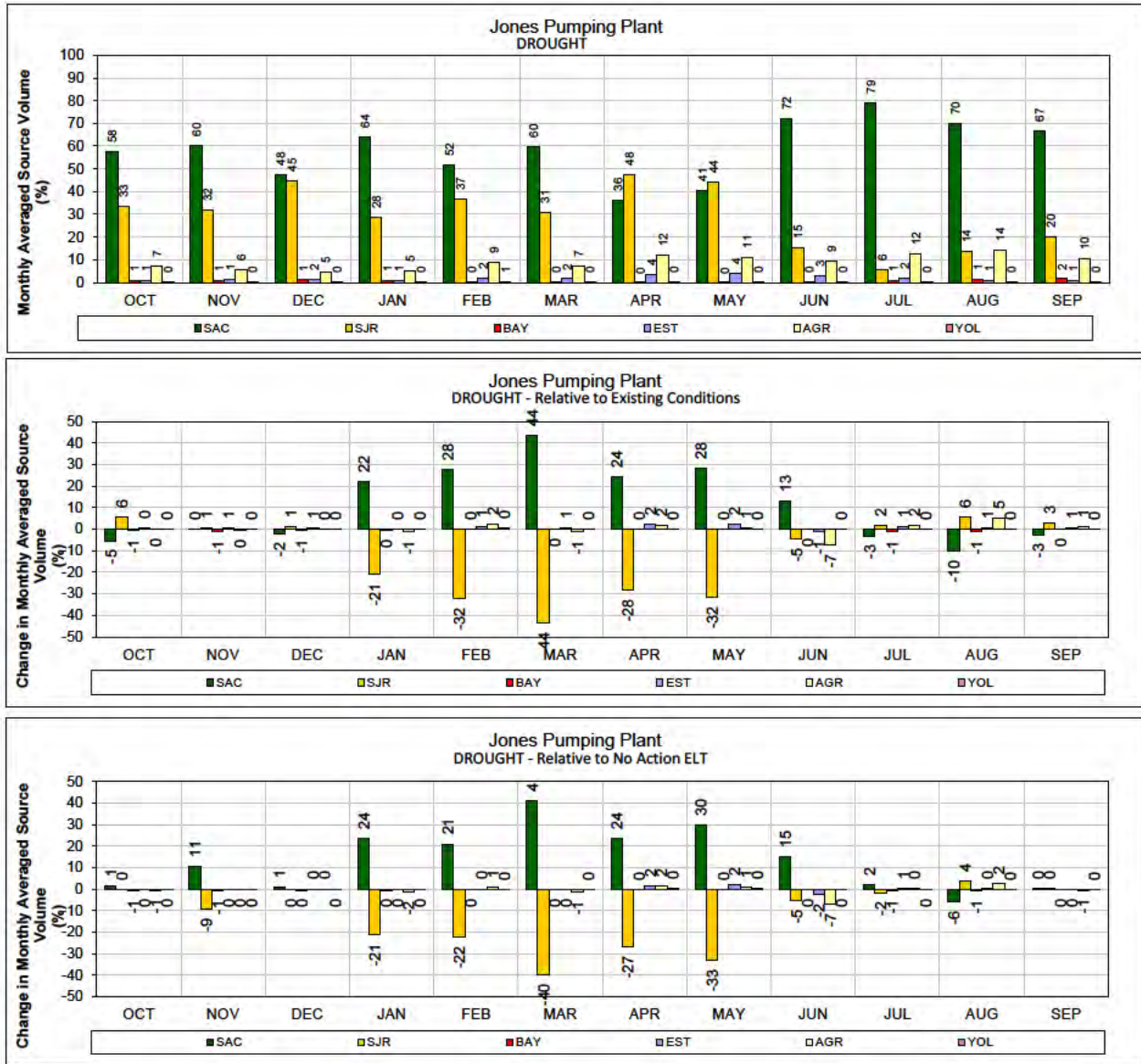
1 Figure 327. ALT 4A – Banks Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



1 Figure 328. ALT 4A – Banks Pumping Plant for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).

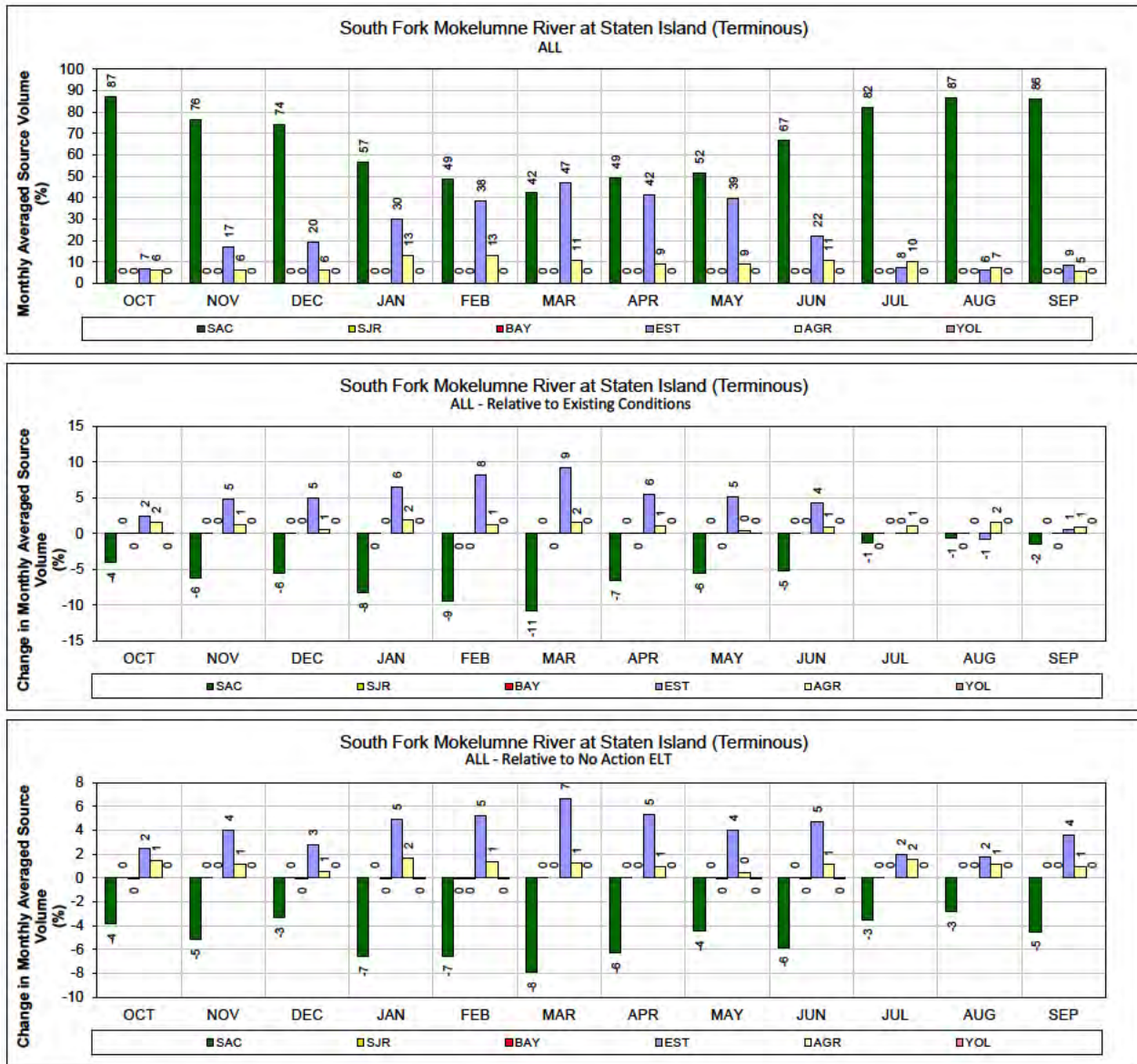


1 Figure 329. ALT 4A – Jones Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



1 Figure 330. ALT 4A – Jones Pumping Plant for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).

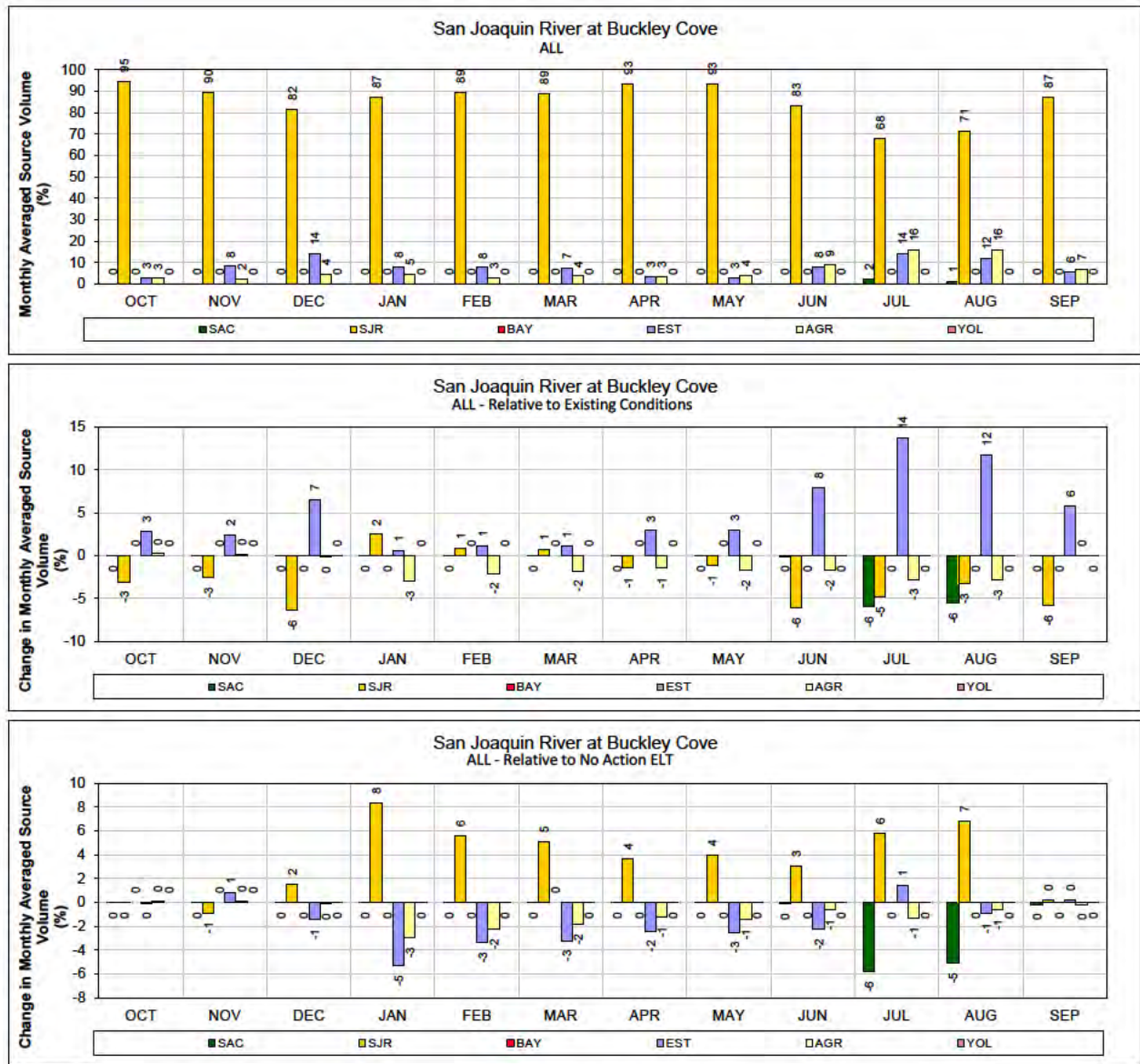
Alternative 2D ELT



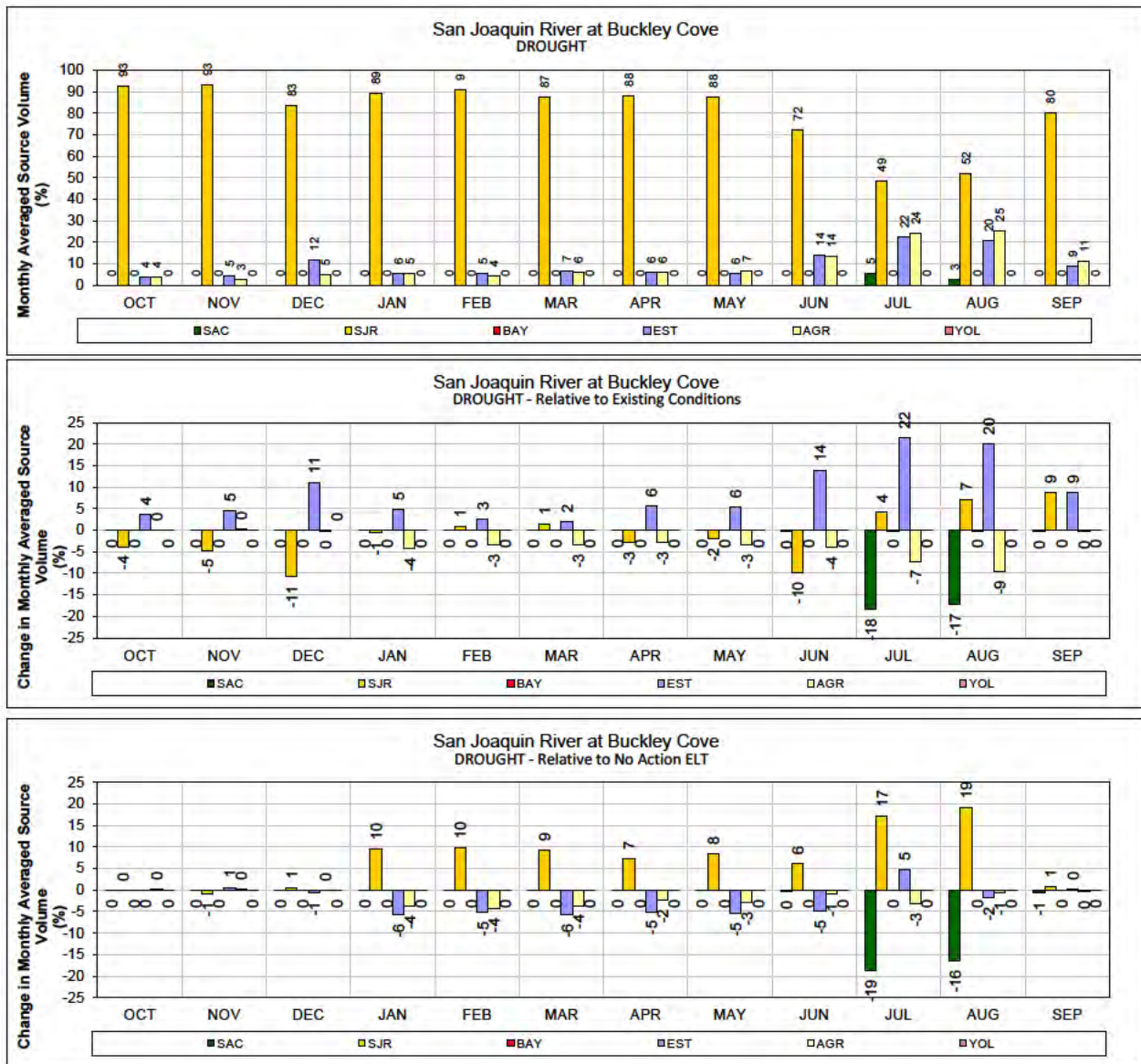
1 **Figure 331. ALT 2D – Mokelumne River (South Fork) at Staten Island for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Early Long Term (bottom two figures).**



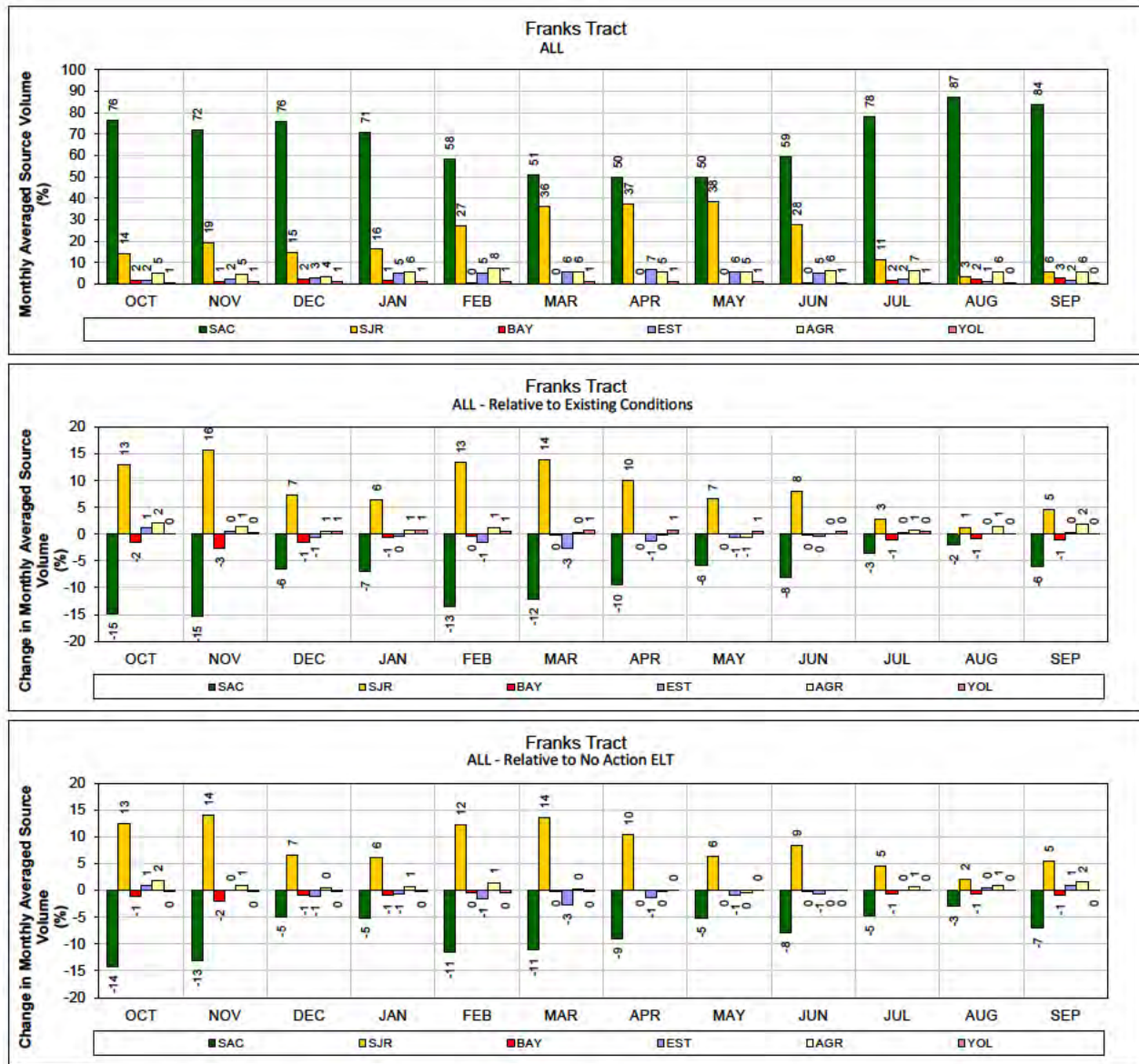
1 **Figure 332. ALT 2D – Mokelumne River (South Fork) at Staten Island for DROUGHT years**
 2 **(1987-1991)**
 3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Early Long Term (bottom two figures).**



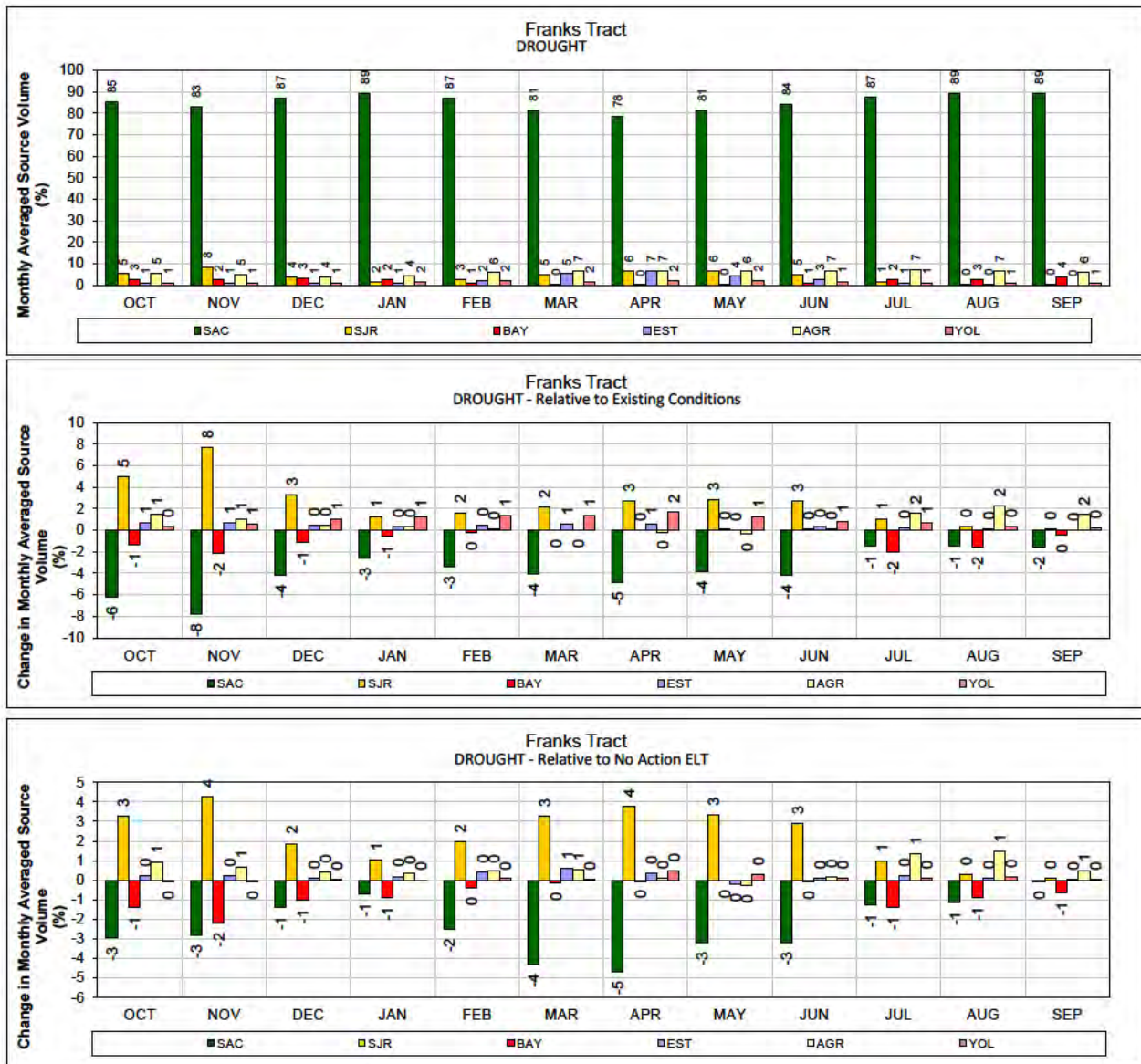
1 **Figure 333. ALT 2D – San Joaquin River at Buckley Cove for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Early Long Term (bottom two figures).**



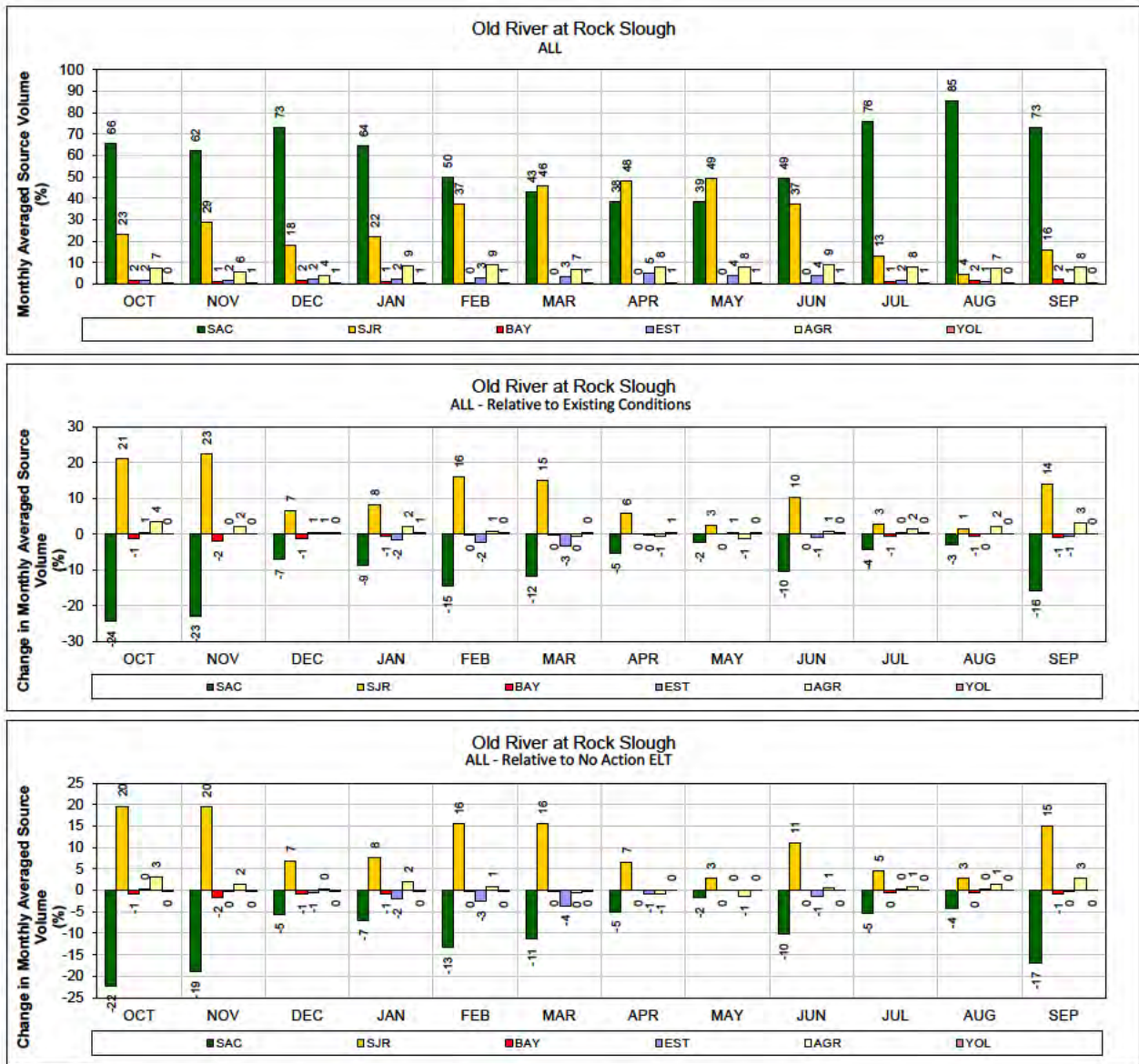
1 Figure 334. ALT 2D – San Joaquin River at Buckley Cove for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



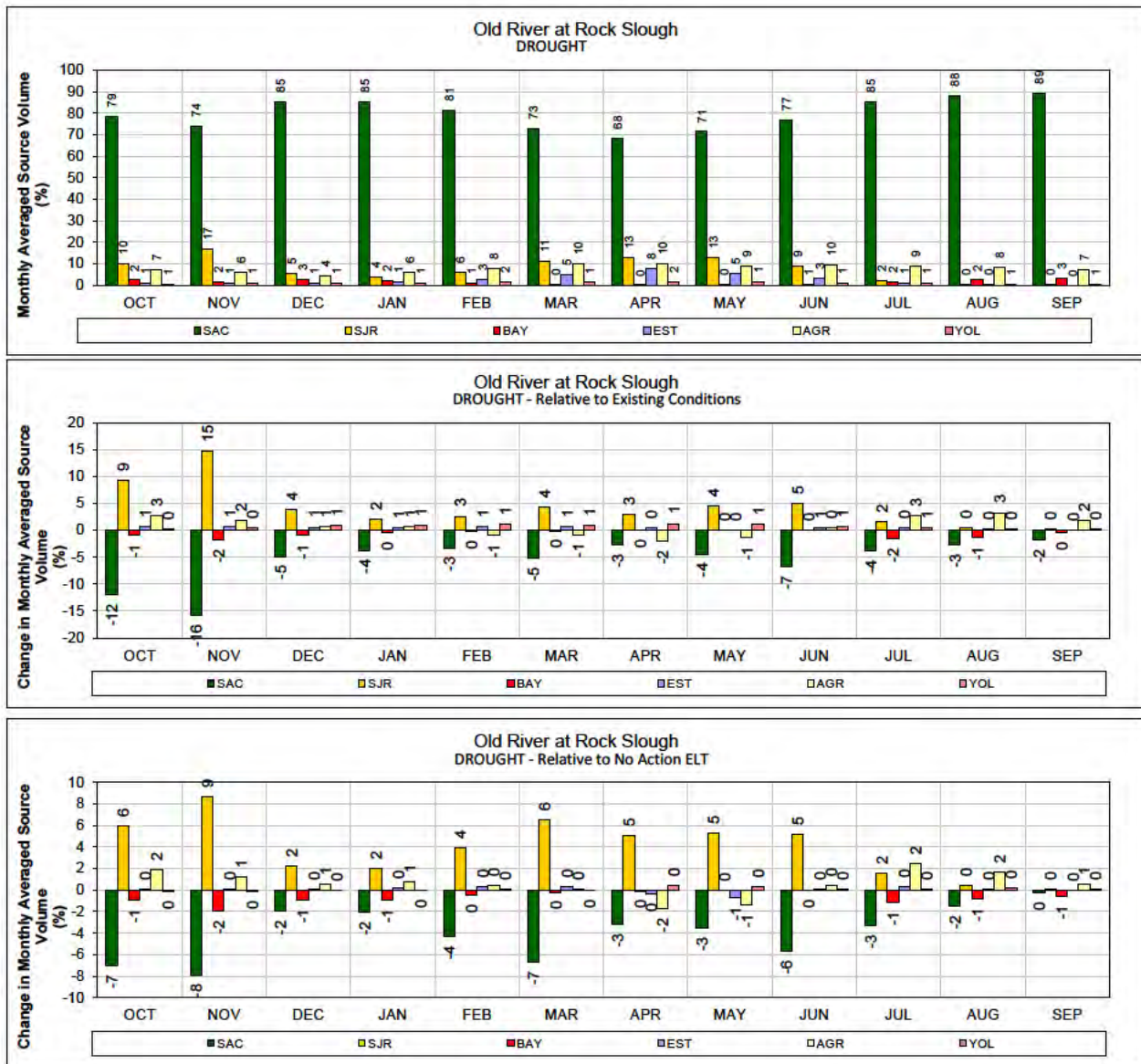
1 Figure 335. ALT 2D – Franks Tract for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



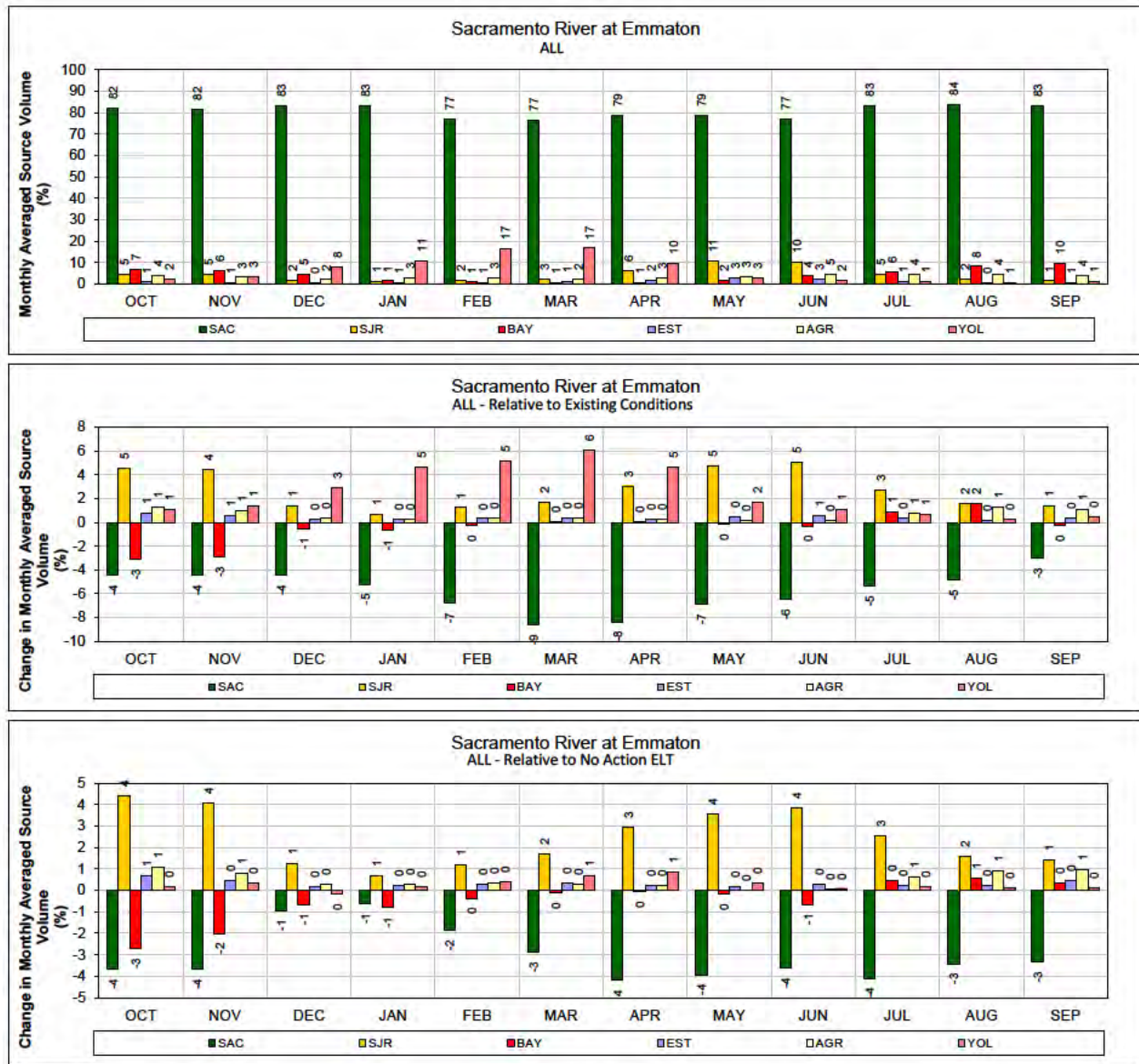
1 Figure 336. ALT 2D – Franks Tract for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



1 Figure 337. ALT 2D – Old River at Rock Slough for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



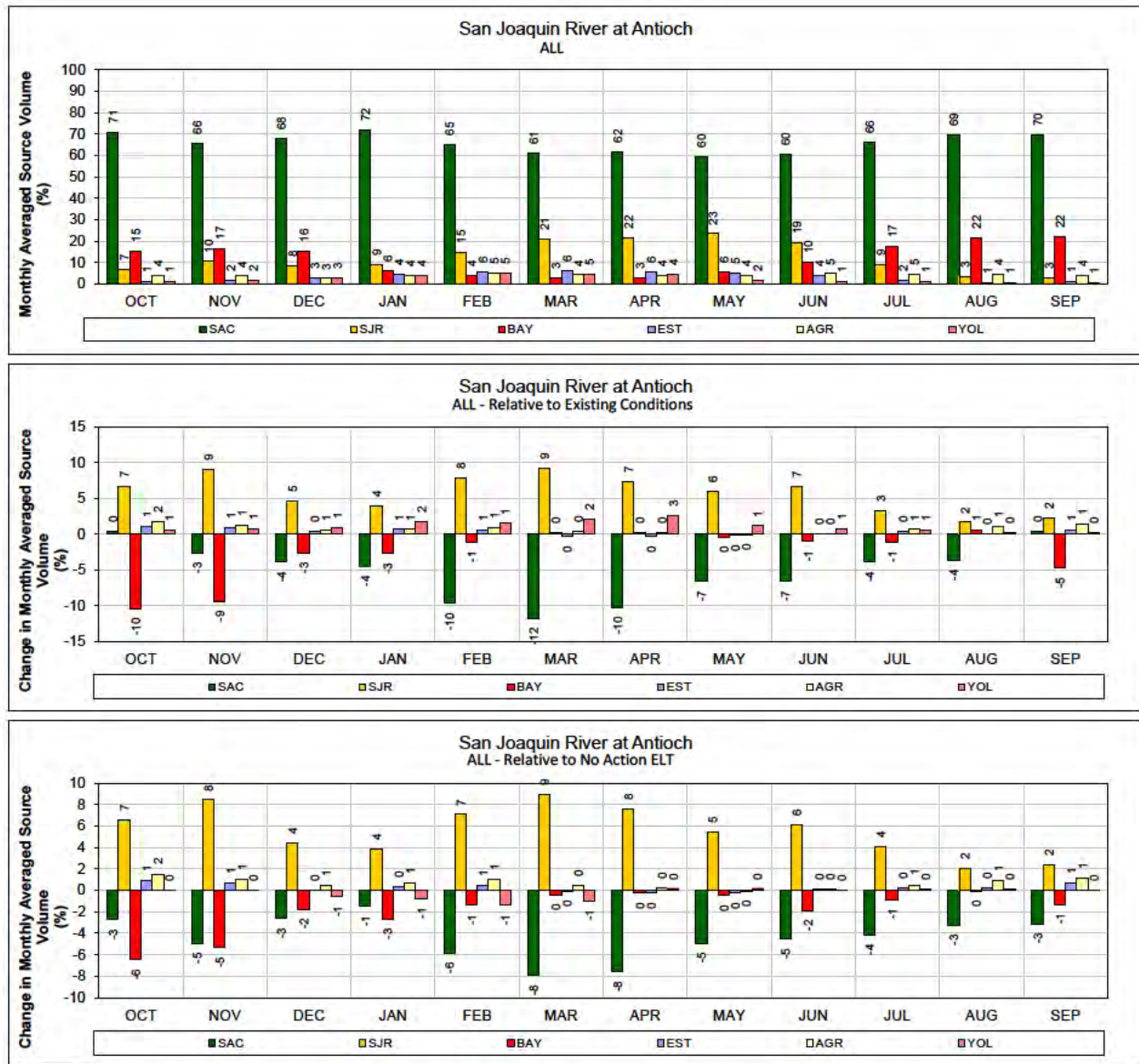
1 Figure 338. ALT 2D – Old River at Rock Slough for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



1 **Figure 339. ALT 2D – Sacramento River at Emmaton for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Early Long Term (bottom two figures).**



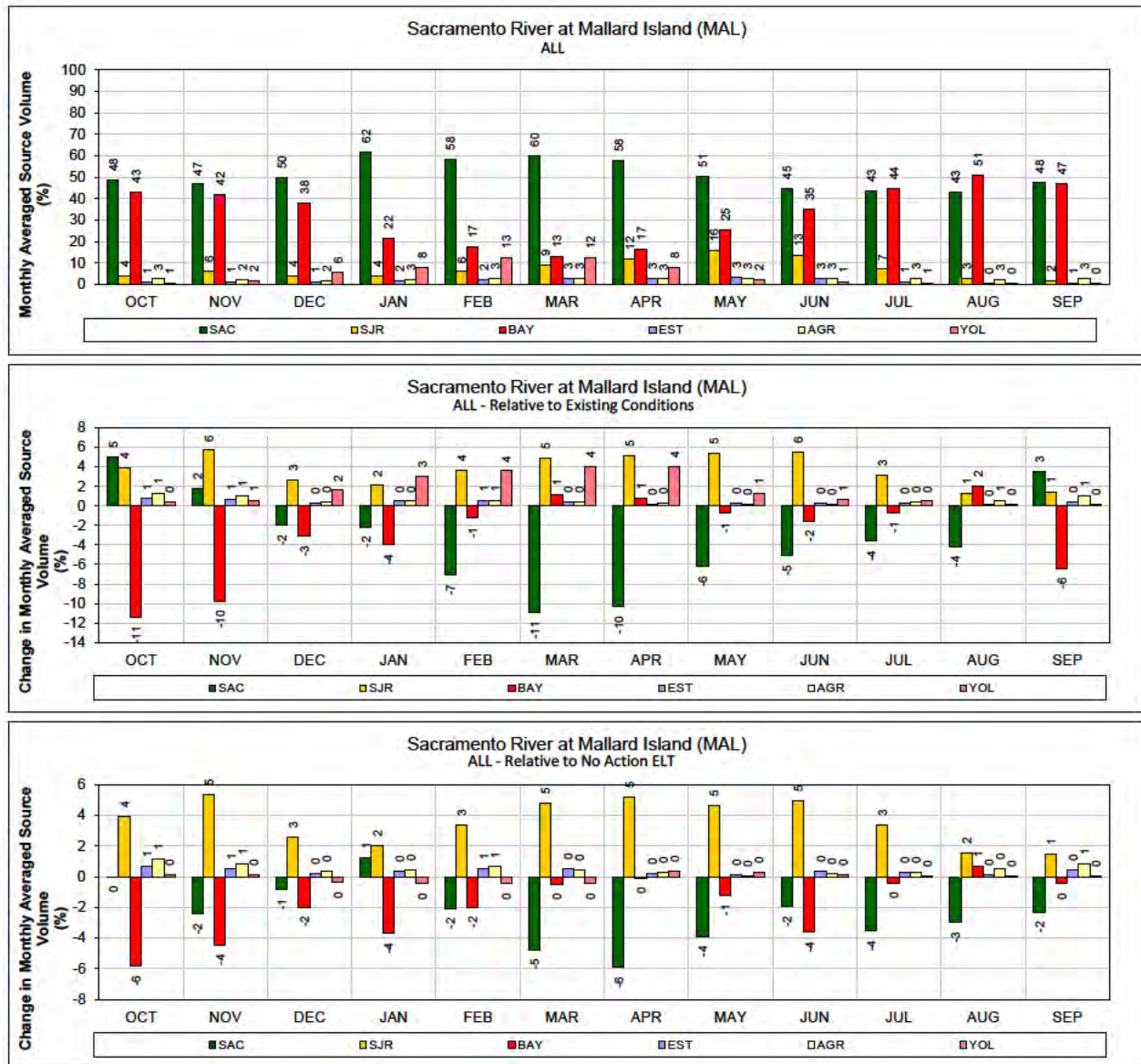
1 Figure 340. ALT 2D – Sacramento River at Emmaton for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Early Long Term (bottom two figures).
 3



1 Figure 341. ALT 2D –San Joaquin River at Antioch for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



- 1 Figure 342. ALT 2D – San Joaquin River at Antioch for DROUGHT years (1987-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Early Long Term (bottom two figures).
- 3



1 **Figure 343. ALT 2D – Sacramento River at Mallard Island for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Early Long Term (bottom two figures).**



1 Figure 344. ALT 2D – Sacramento River at Mallard Island for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Early Long Term (bottom two figures).
 3



1 Figure 345. ALT 2D – North Bay Aqueduct at Barker Slough Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



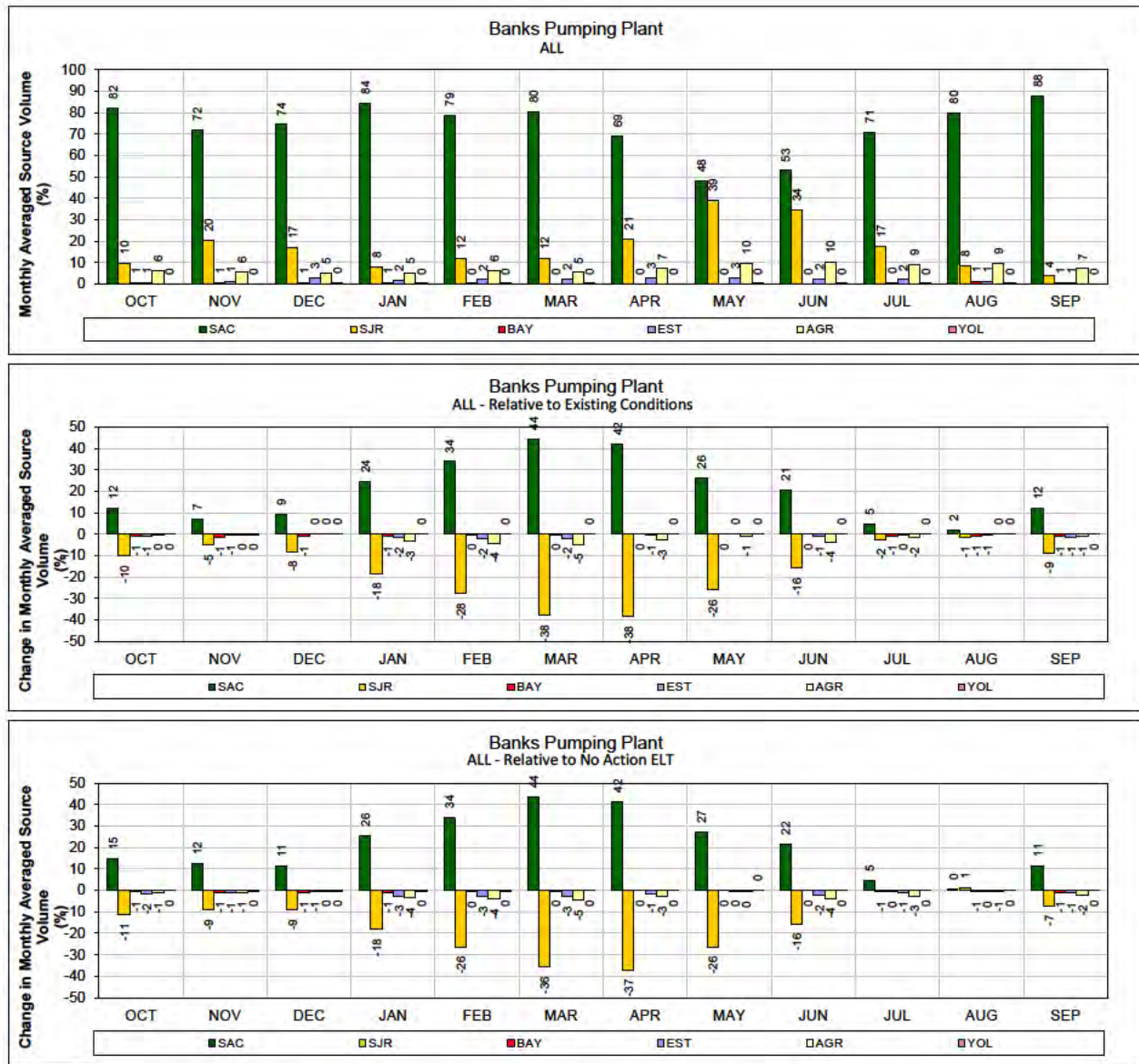
1 Figure 346. ALT 2D – North Bay Aqueduct at Barker Slough Pumping Plant for DROUGHT years
 2 (1987-1991)
 3 Monthly average source volume (top figure) and change in monthly average source volume relative to
 4 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



1 Figure 347. ALT 2D – Contra Costa Pumping Plant #1 for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



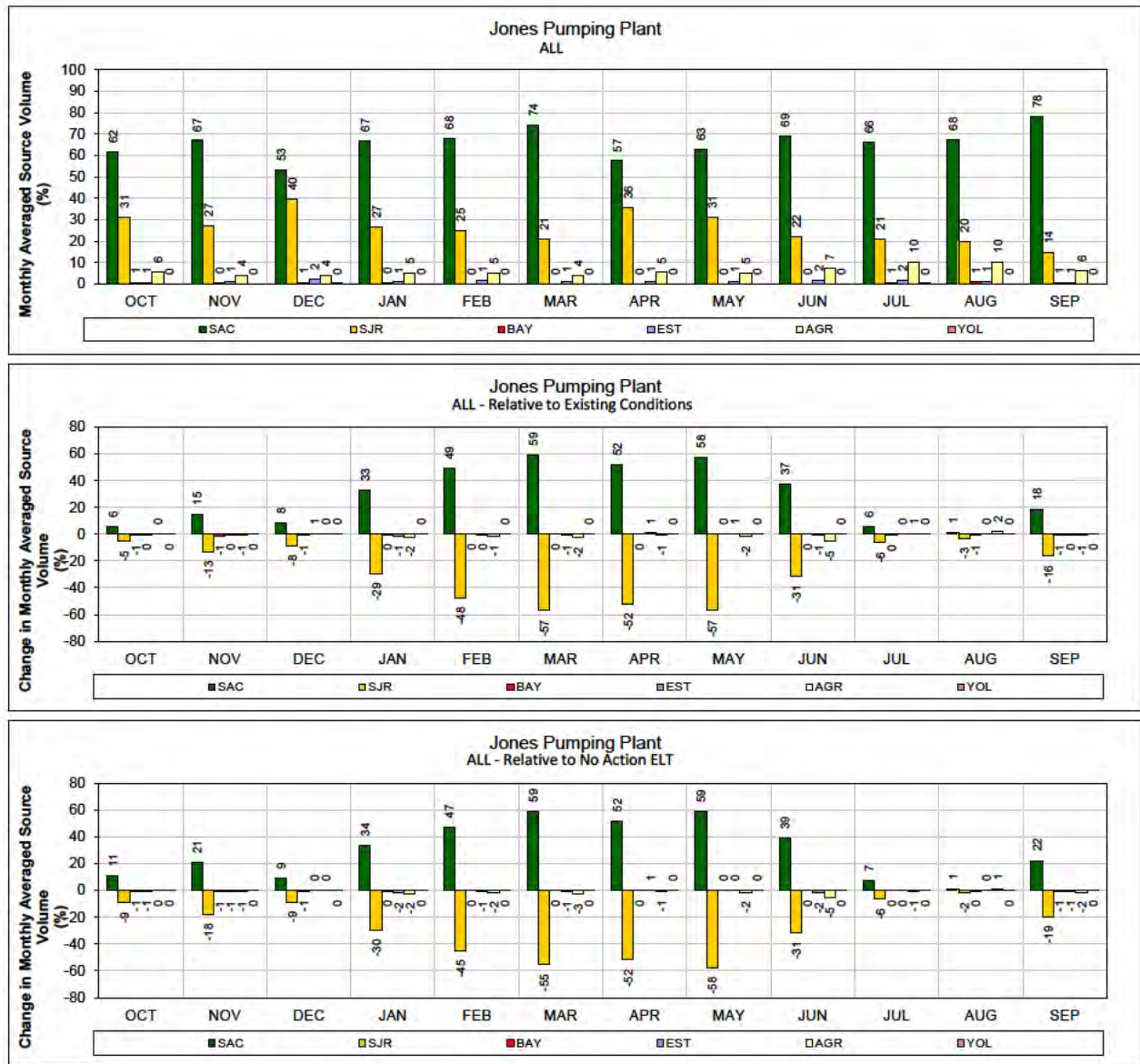
1 Figure 348. ALT 2D – Contra Costa Pumping Plant #1 for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



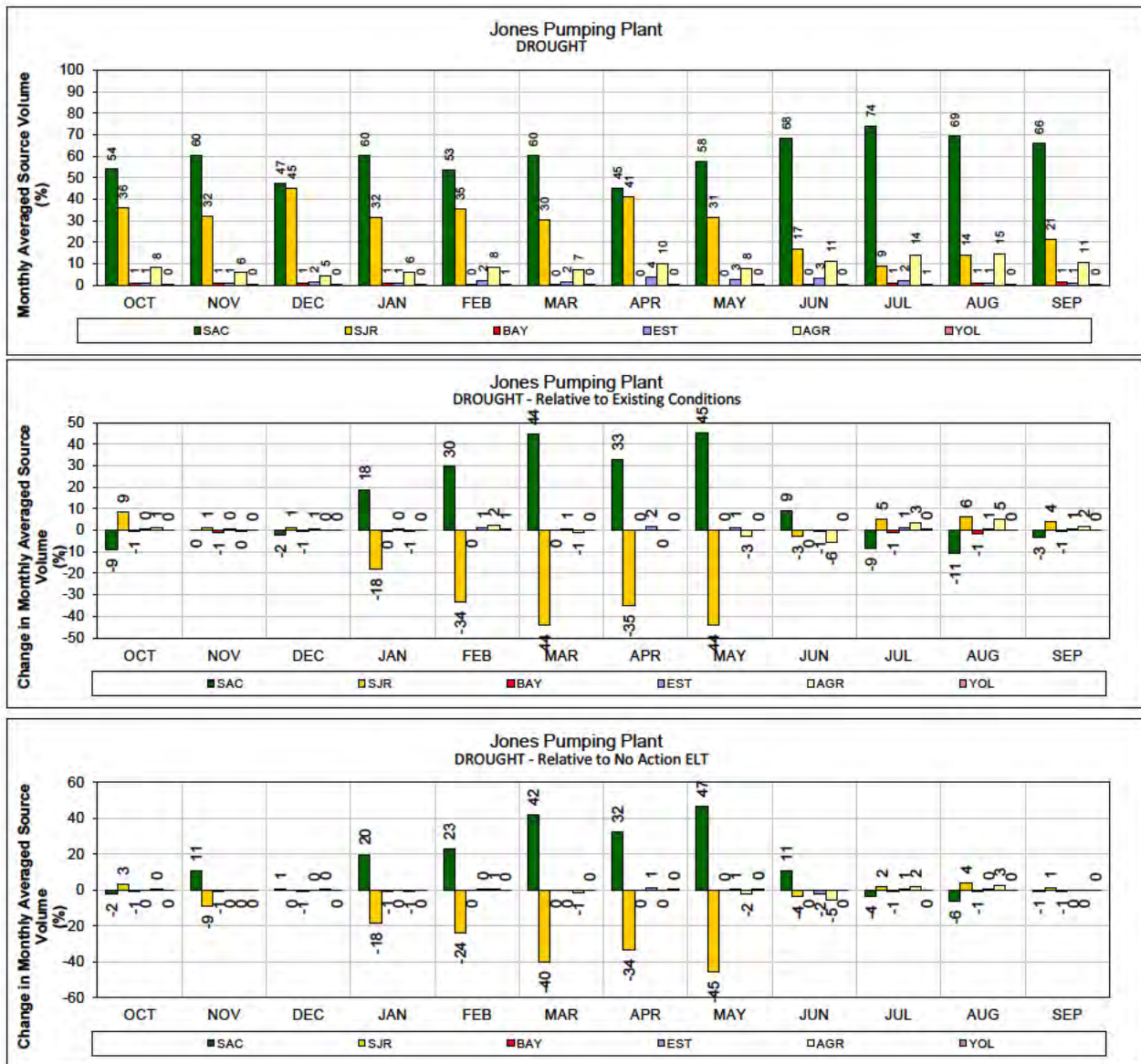
1 **Figure 349. ALT 2D – Banks Pumping Plant for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Early Long Term (bottom two figures).**



1 Figure 350. ALT 2D – Banks Pumping Plant for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



1 Figure 351. ALT 2D – Jones Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



1 Figure 352. ALT 2D – Jones Pumping Plant for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).

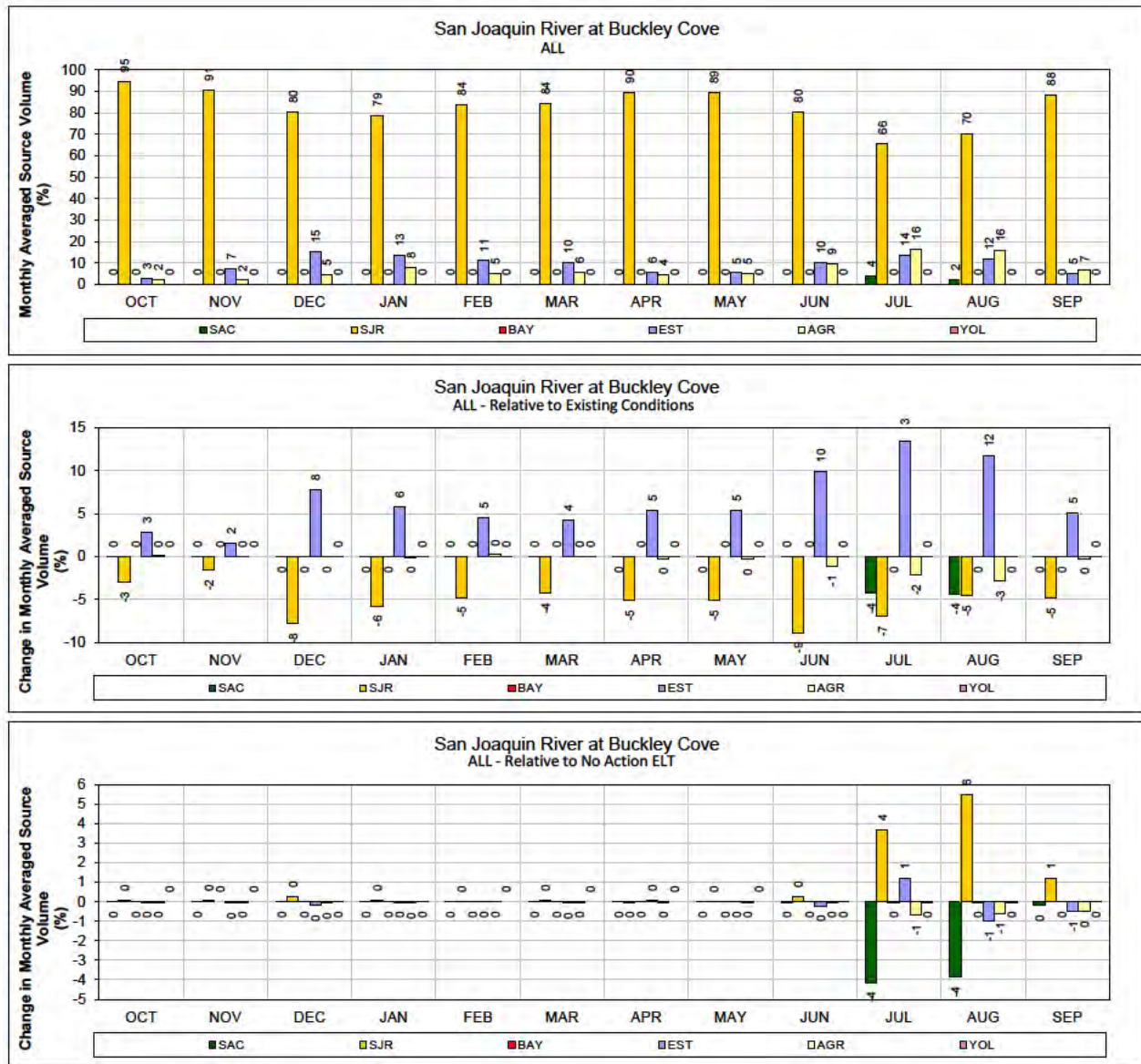
Alternative 5A ELT



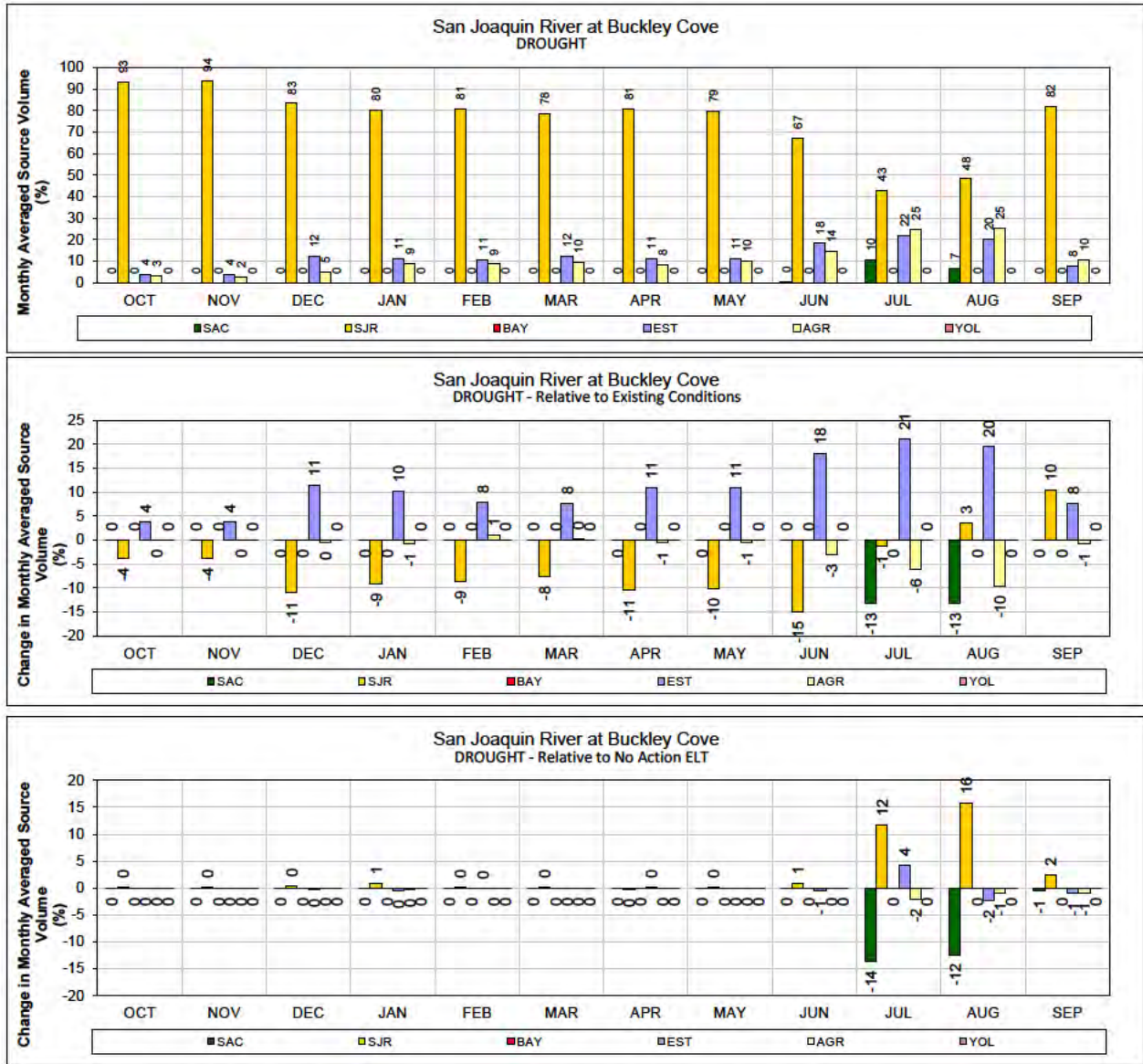
1 **Figure 353. ALT 5A – Mokelumne River (South Fork) at Staten Island for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Early Long Term (bottom two figures).**



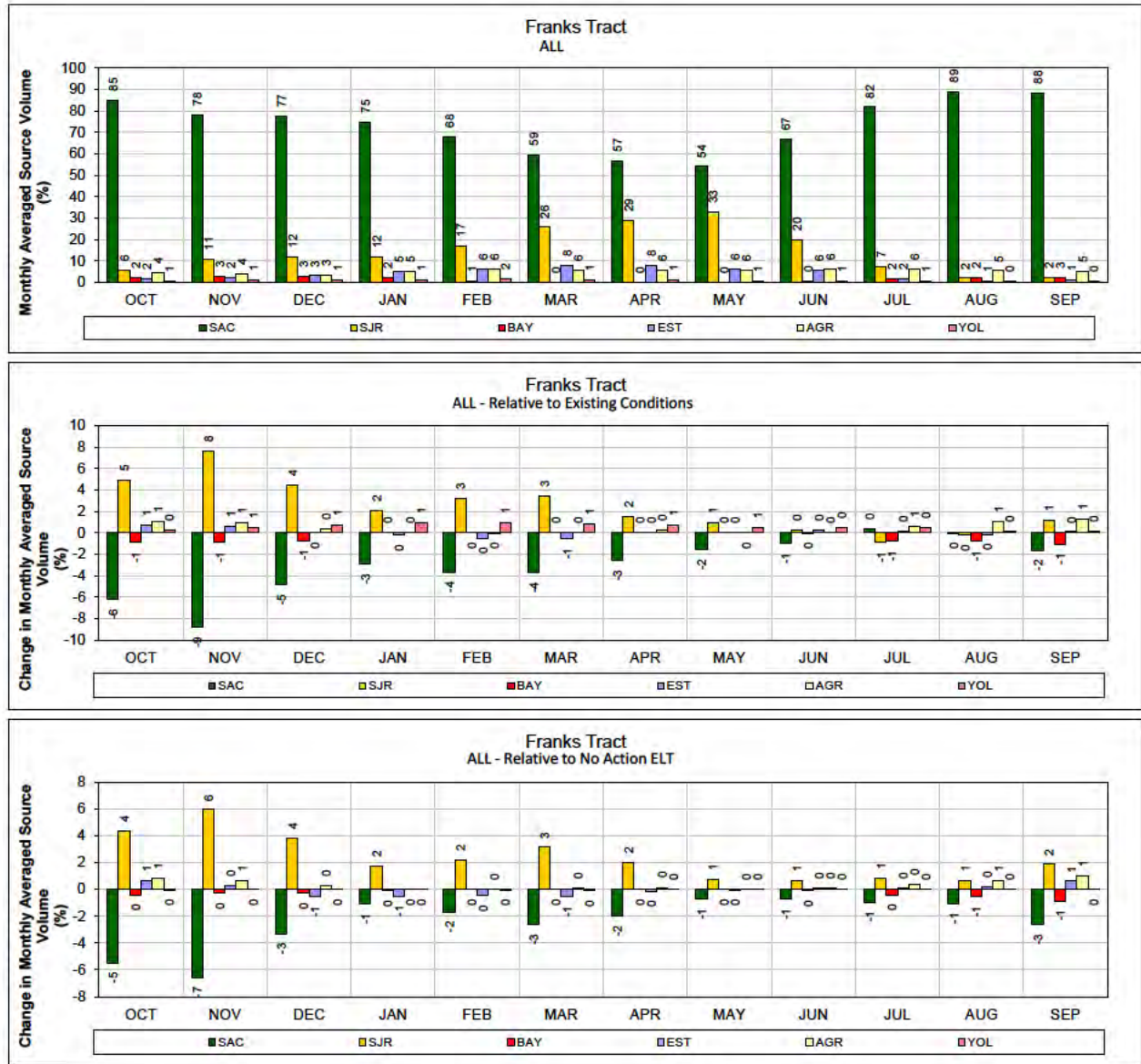
1 **Figure 354. ALT 5A – Mokelumne River (South Fork) at Staten Island for DROUGHT years**
 2 **(1987-1991)**
 3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Early Long Term (bottom two figures).**



1 Figure 355. ALT 5A – San Joaquin River at Buckley Cove for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



1 Figure 356. ALT 5A – San Joaquin River at Buckley Cove for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



1

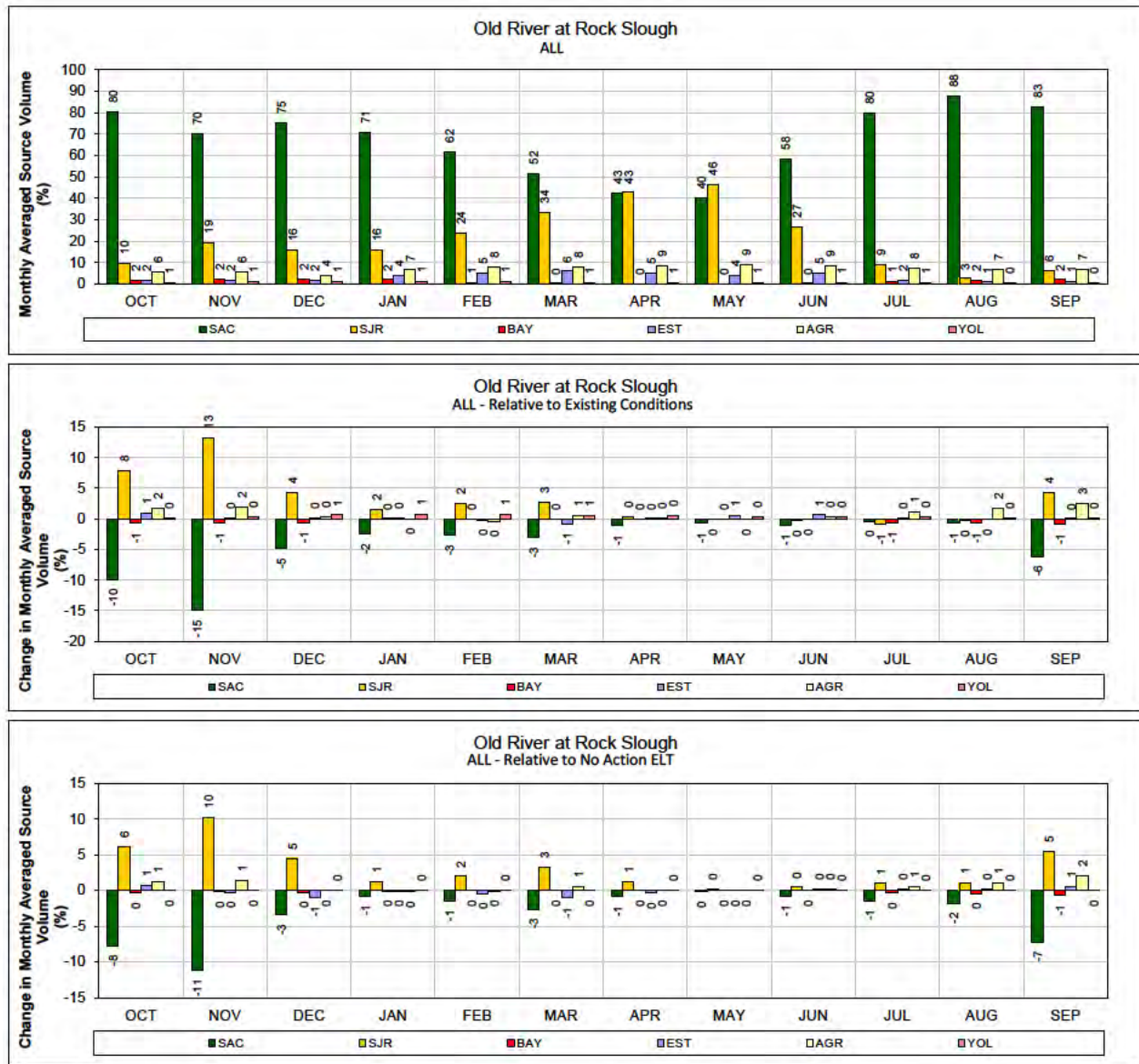
2 **Figure 357. ALT 5A – Franks Tract for ALL years (1976-1991)**

3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**

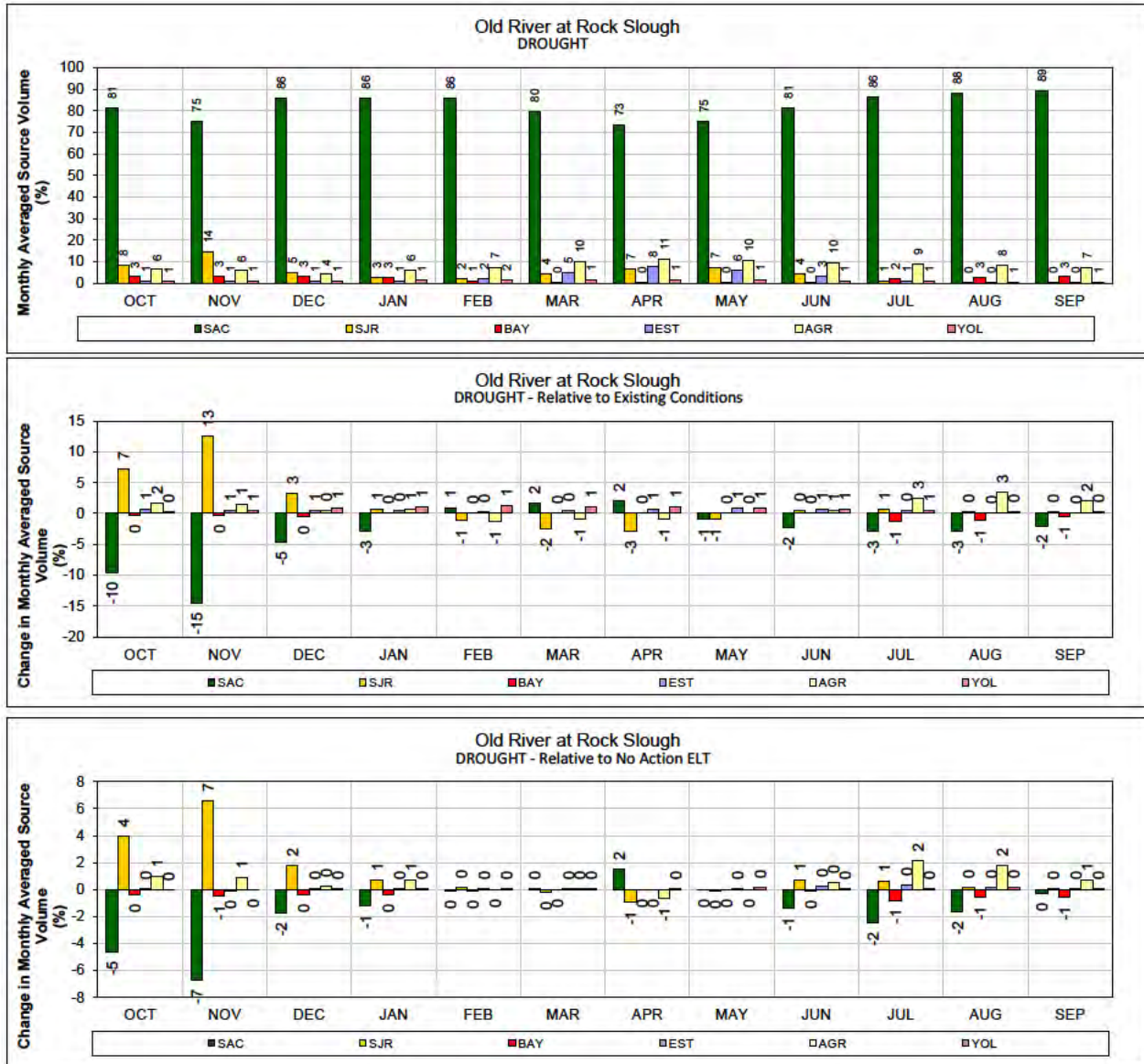
4 **Existing Conditions and No Action Alternative Early Long Term (bottom two figures).**



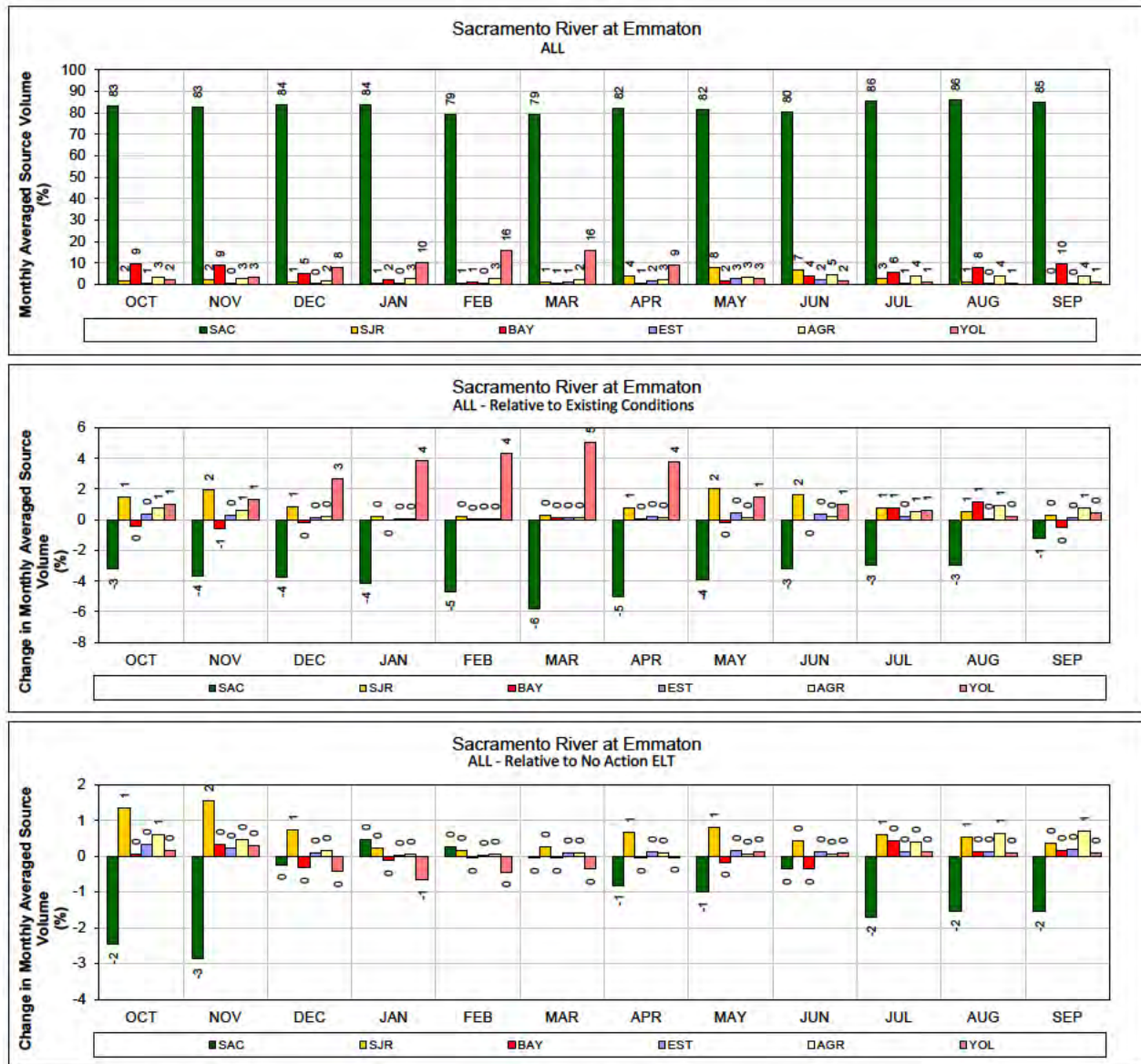
1 **Figure 358. ALT 5A – Franks Tract for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Early Long Term (bottom two figures).**



1 **Figure 359. ALT 5A – Old River at Rock Slough for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Early Long Term (bottom two figures).**



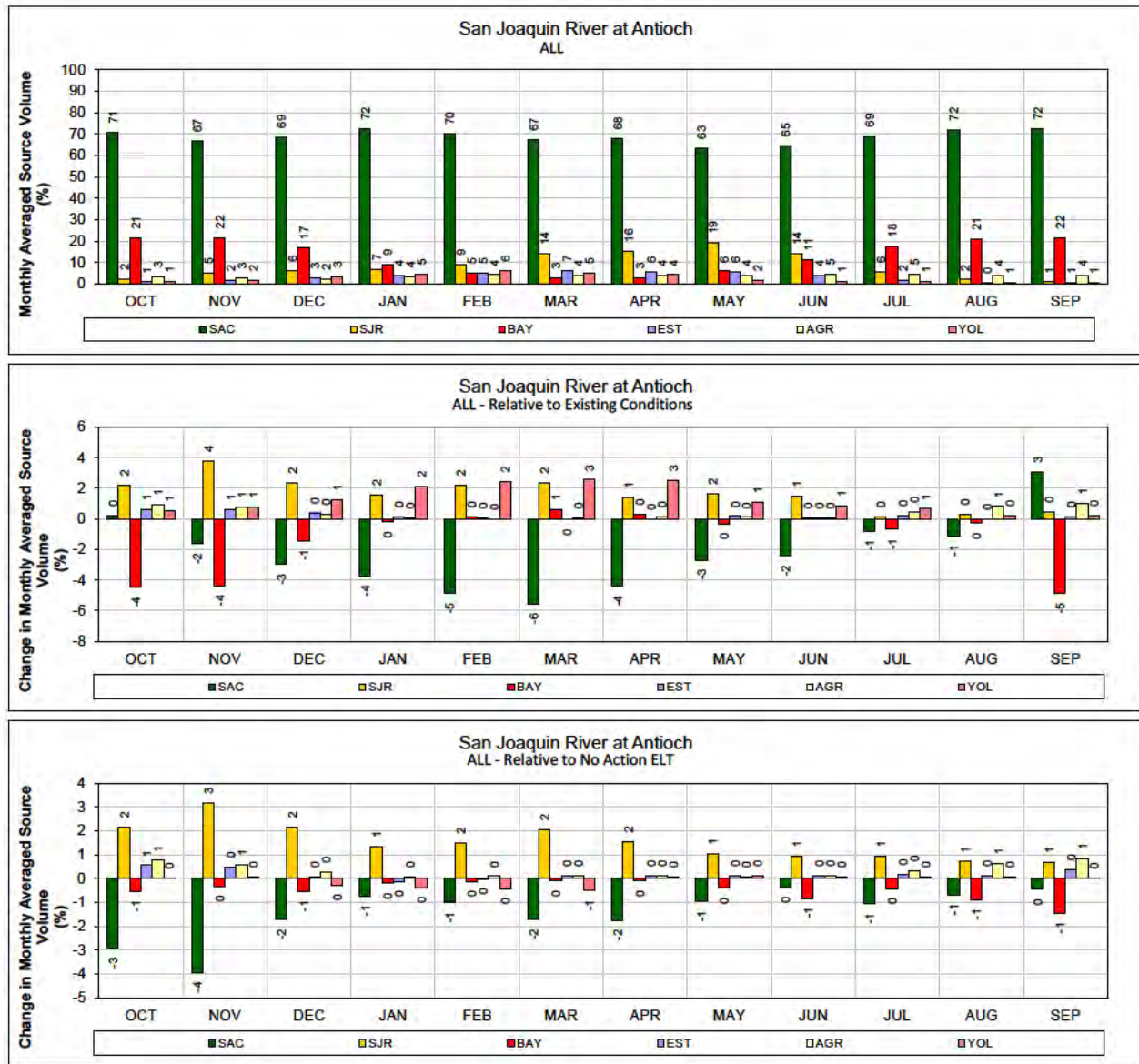
1 Figure 360. ALT 5A – Old River at Rock Slough for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



1 Figure 361. ALT 5A – Sacramento River at Emmaton for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



1 Figure 362. ALT 5A – Sacramento River at Emmaton for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



1 Figure 363. ALT 5A –San Joaquin River at Antioch for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



1 Figure 364. ALT 5A – San Joaquin River at Antioch for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Early Long Term (bottom two figures).
 3



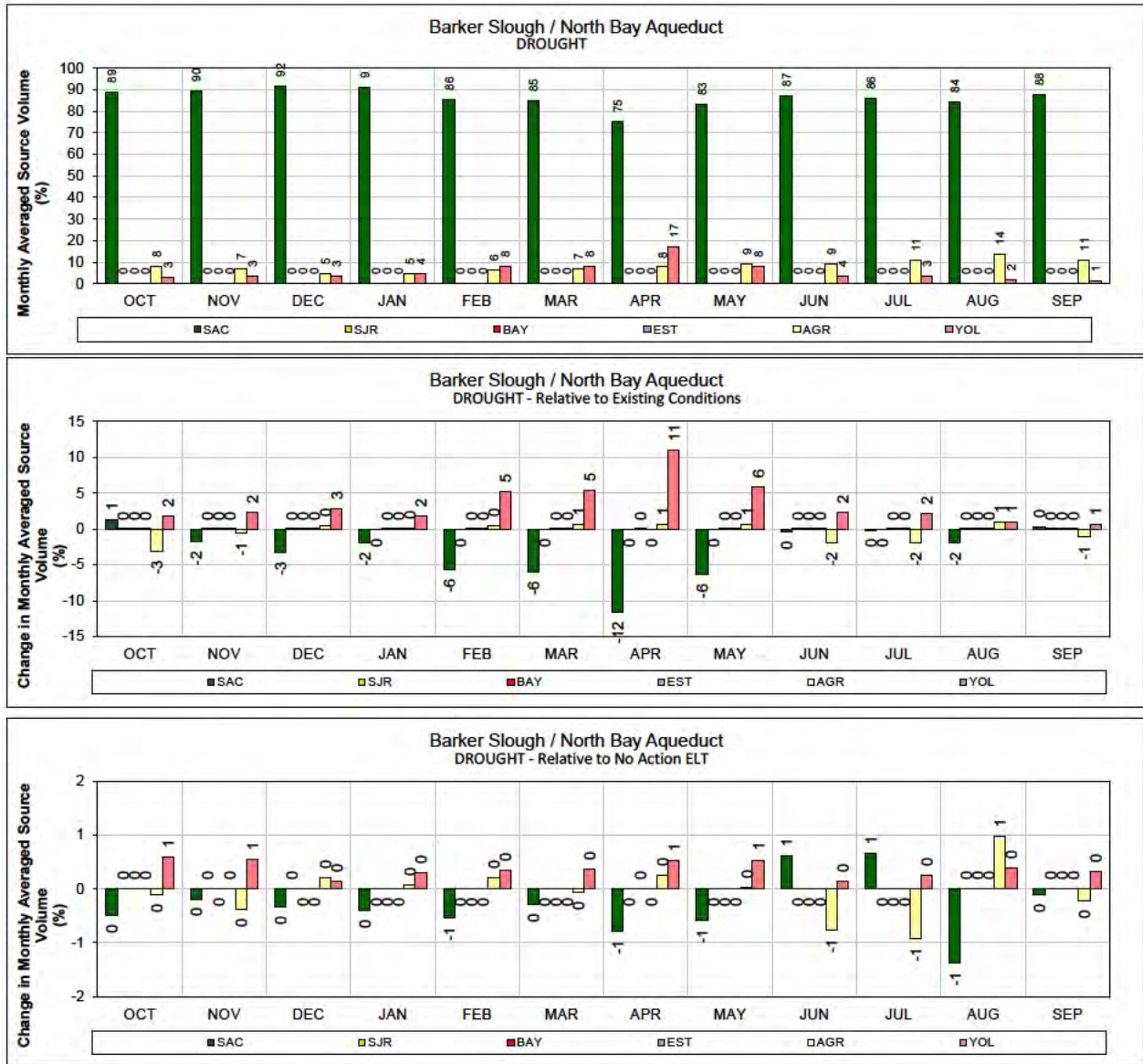
1 Figure 365. ALT 5A – Sacramento River at Mallard Island for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



1 Figure 366. ALT 5A – Sacramento River at Mallard Island for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



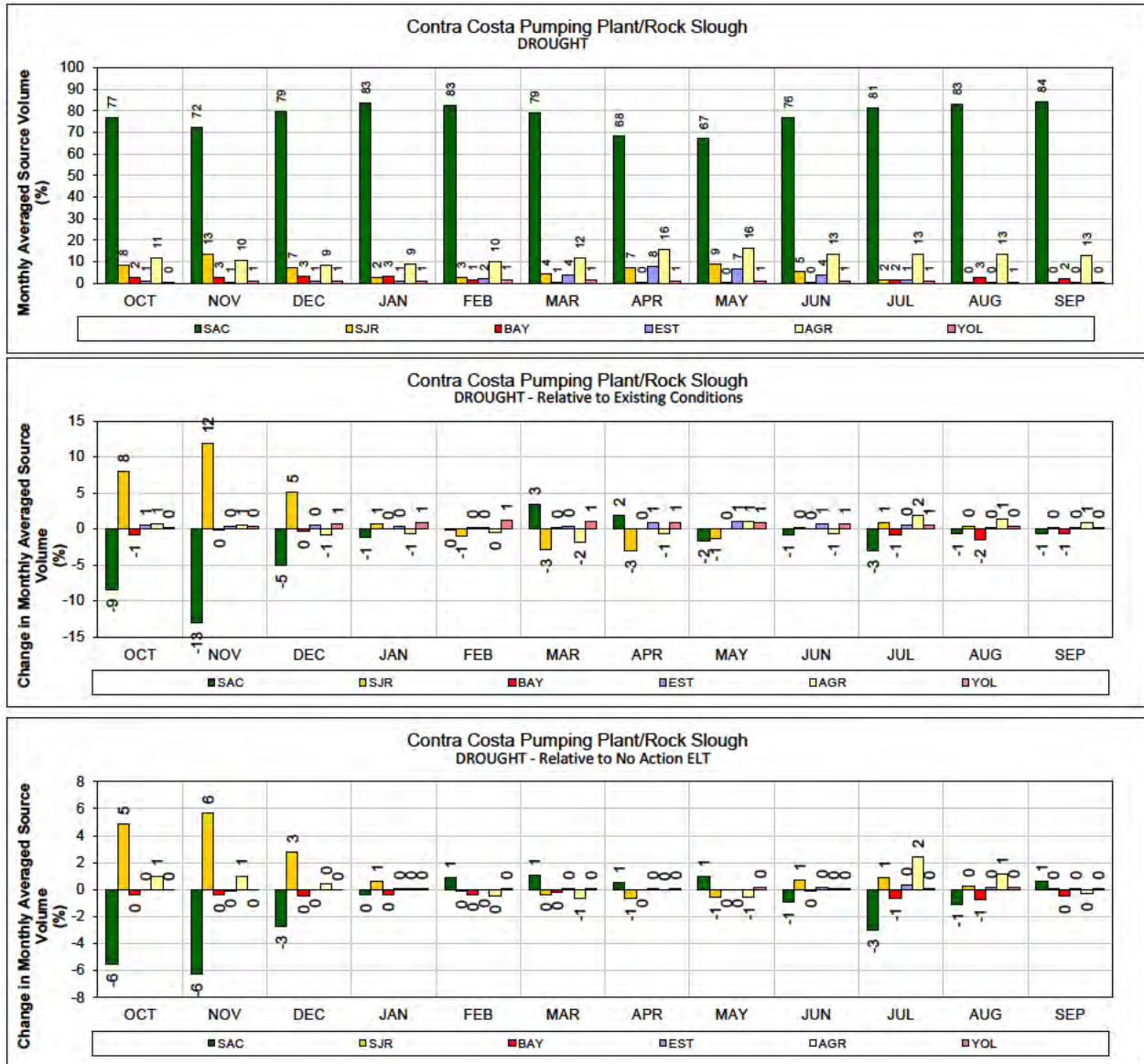
1 Figure 367. ALT 5A – North Bay Aqueduct at Barker Slough Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



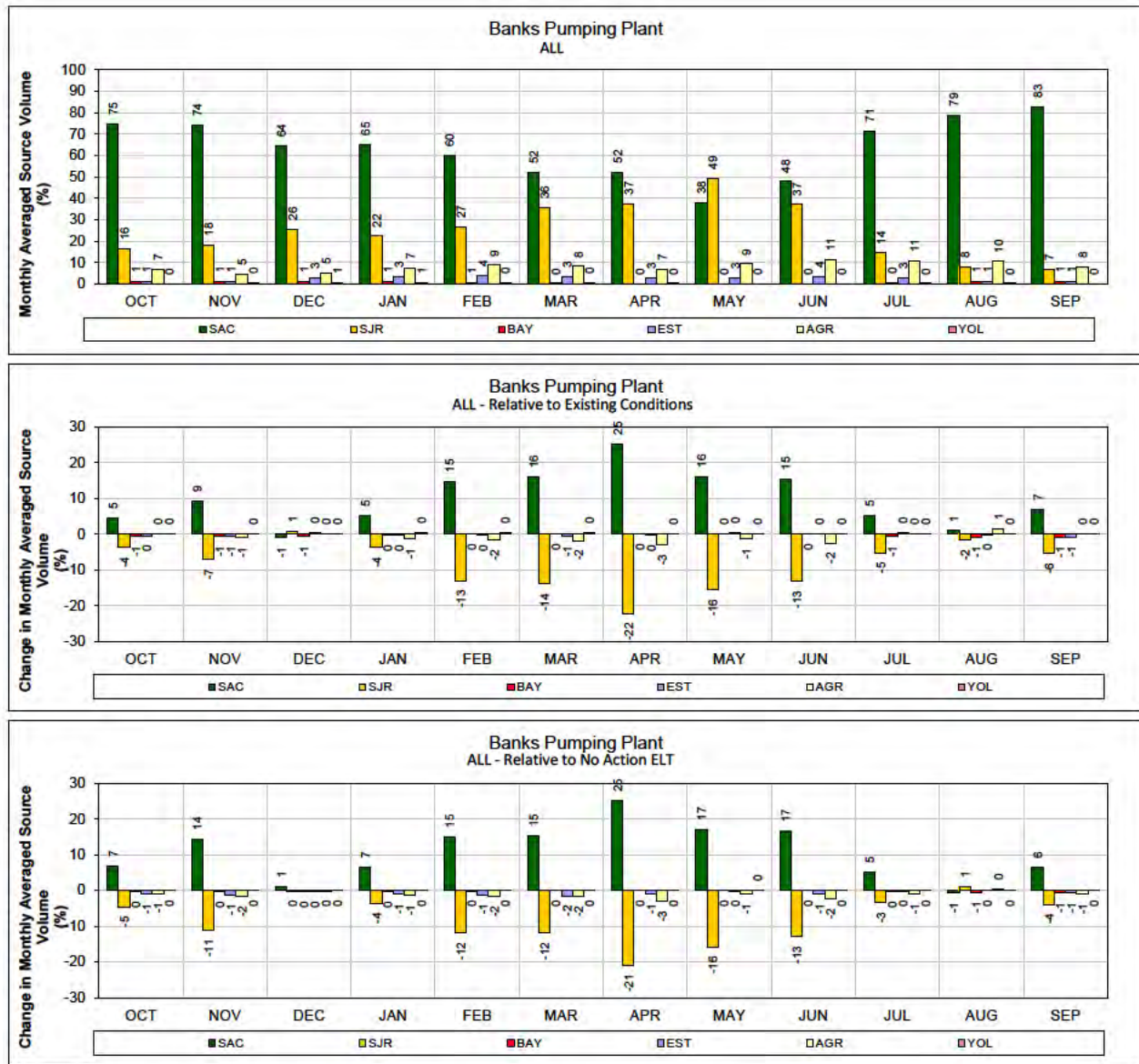
1 Figure 368. ALT 5A – North Bay Aqueduct at Barker Slough Pumping Plant for DROUGHT years
 2 (1987-1991)
 3 Monthly average source volume (top figure) and change in monthly average source volume relative to
 4 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



1 **Figure 369. ALT 5A – Contra Costa Pumping Plant #1 for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Early Long Term (bottom two figures).**



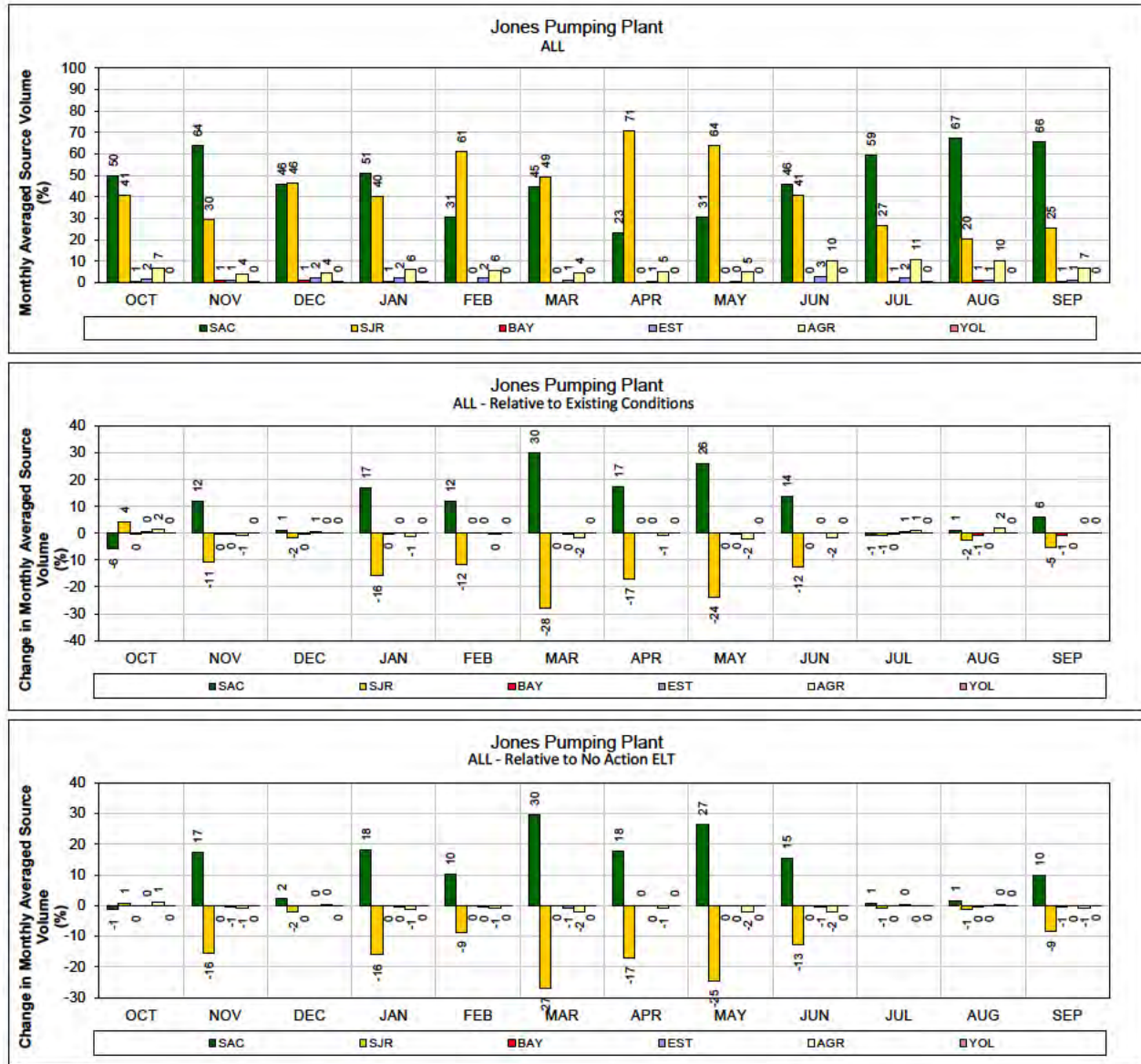
1 Figure 370. ALT 5A – Contra Costa Pumping Plant #1 for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



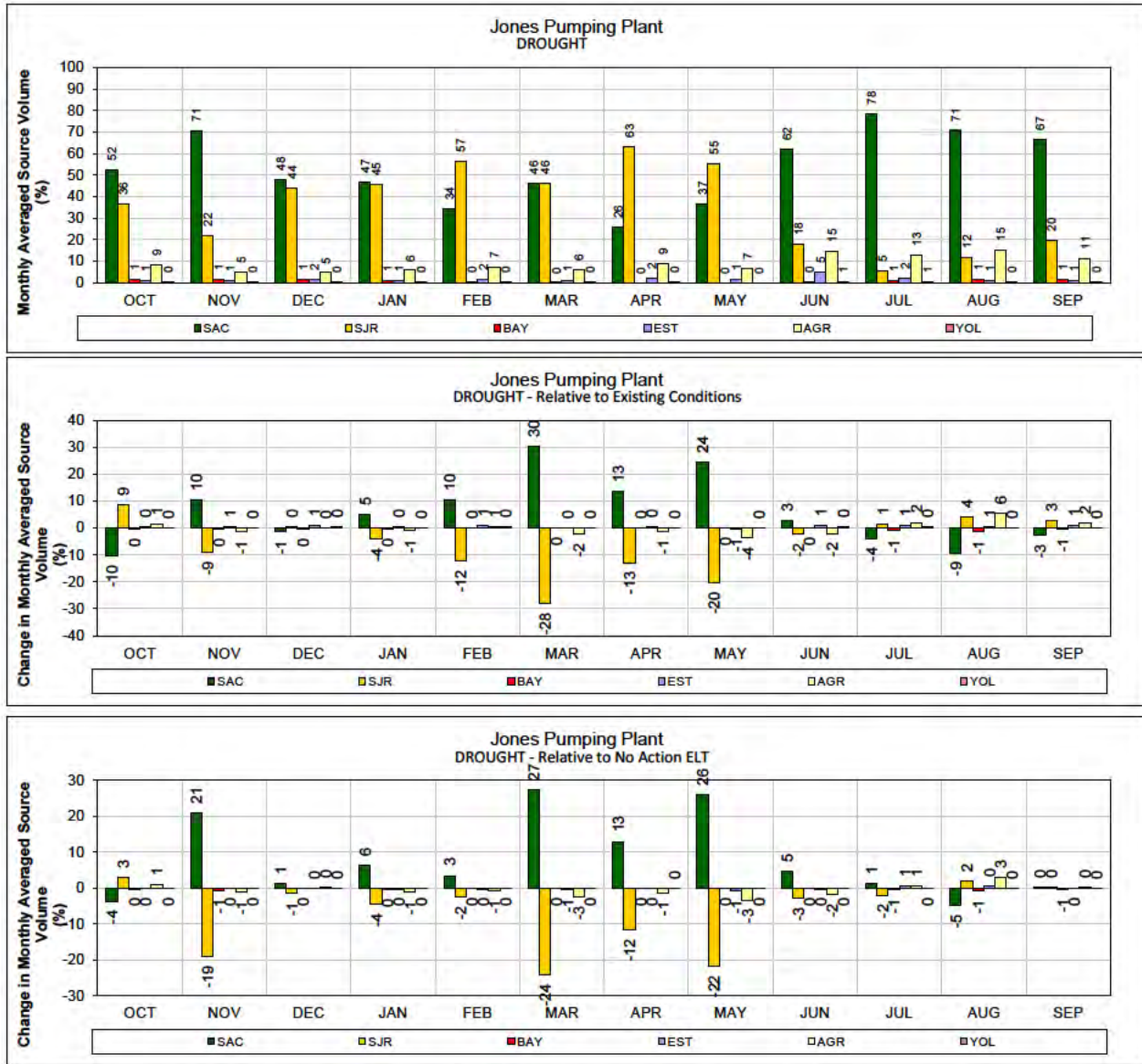
1 Figure 371. ALT 5A – Banks Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



1 Figure 372. ALT 5A – Banks Pumping Plant for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



1 Figure 373. ALT 5A – Jones Pumping Plant for ALL years (1976-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).



1 Figure 374. ALT 5A – Jones Pumping Plant for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Early Long Term (bottom two figures).