

Appendix 8D
Source Water Fingerprinting Results

Source Water Fingerprinting Results

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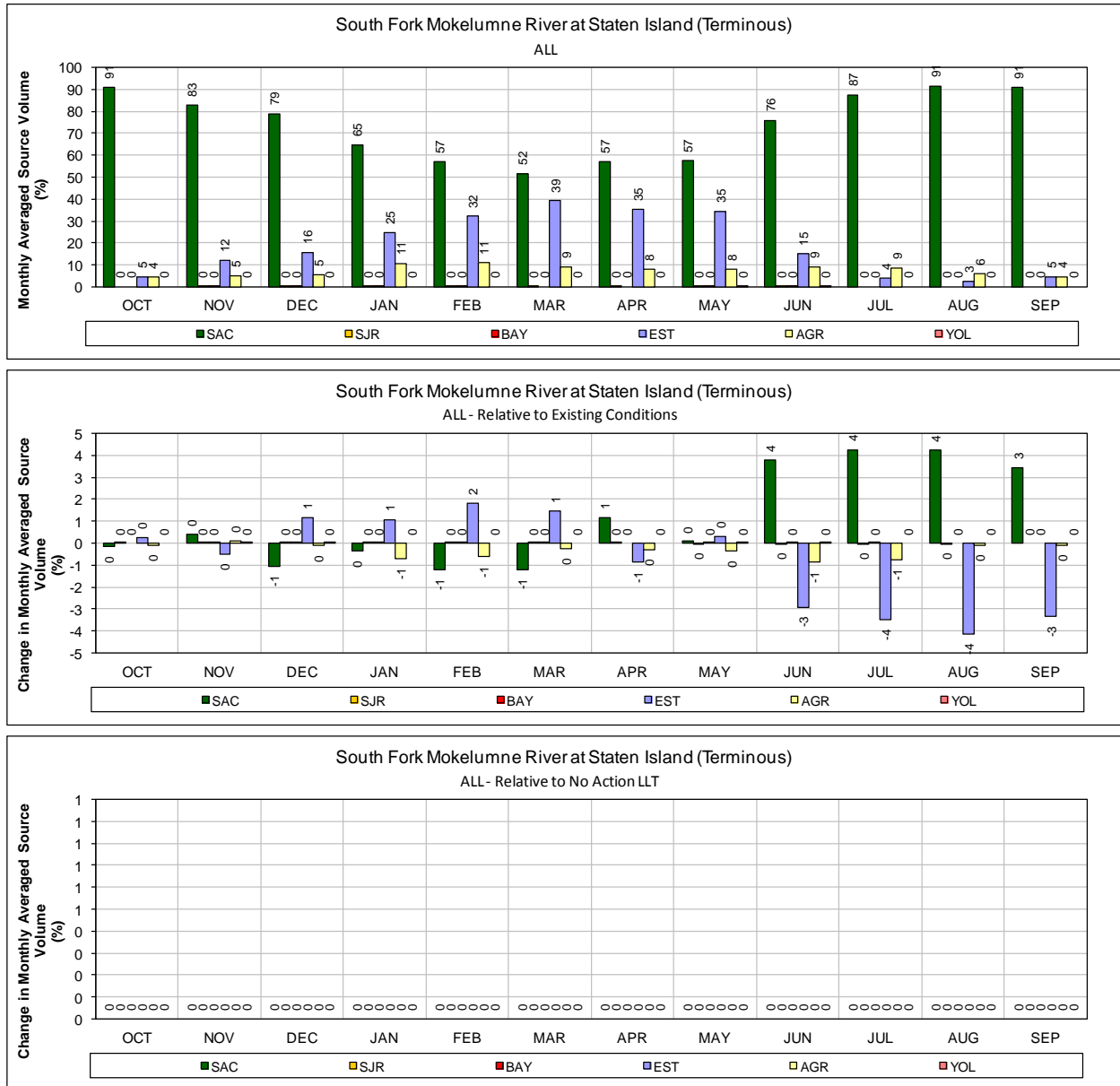
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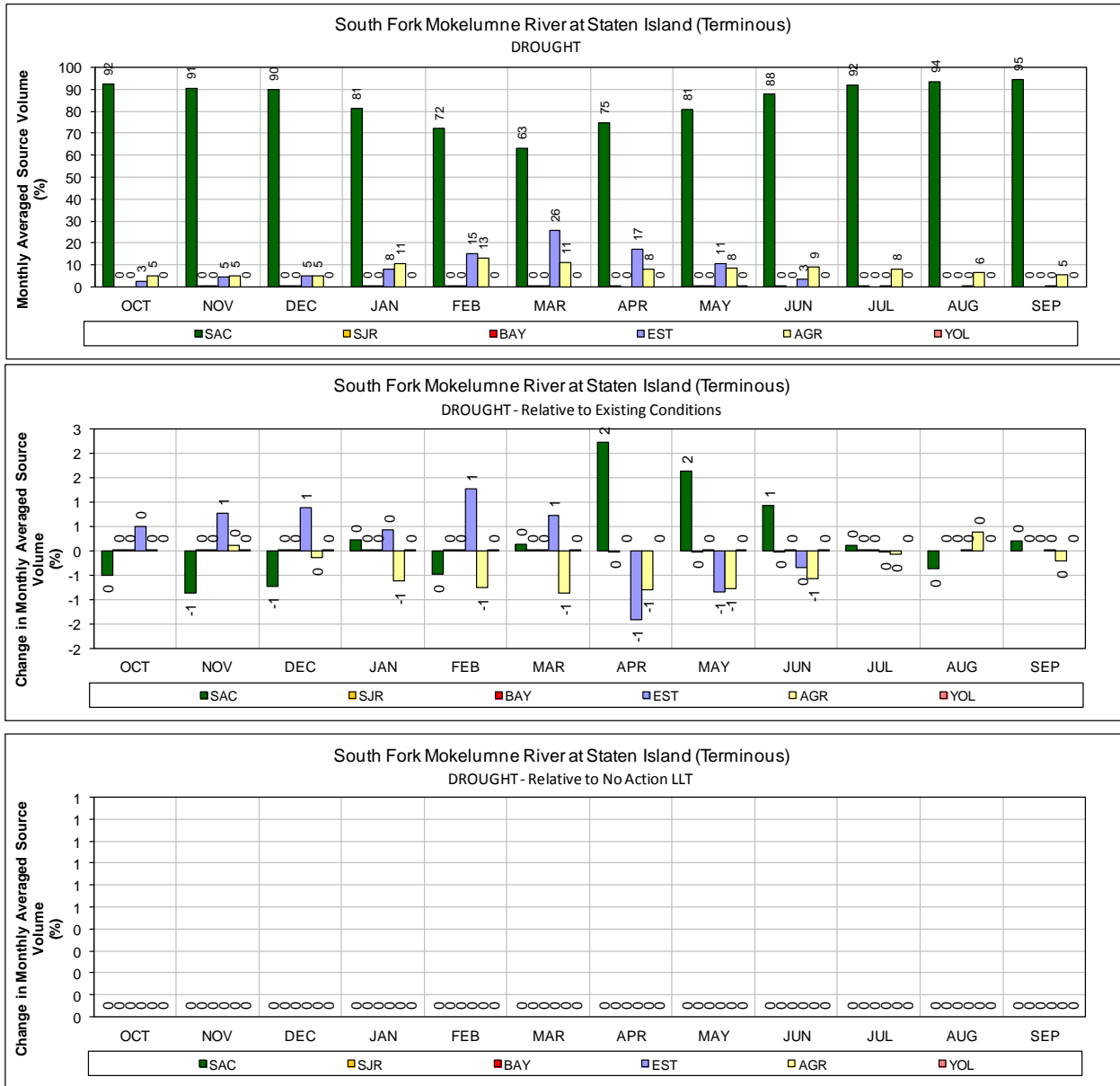
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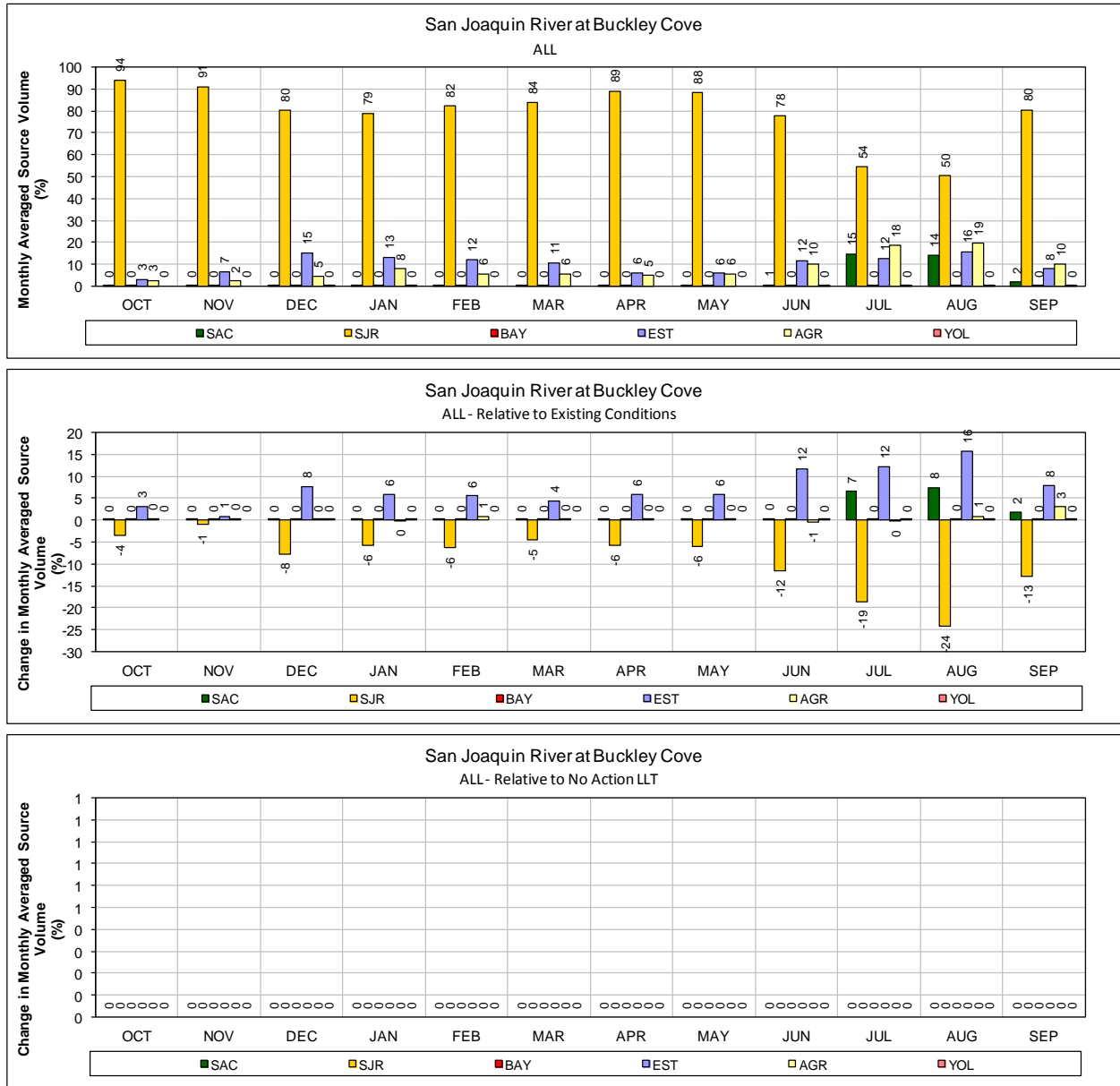
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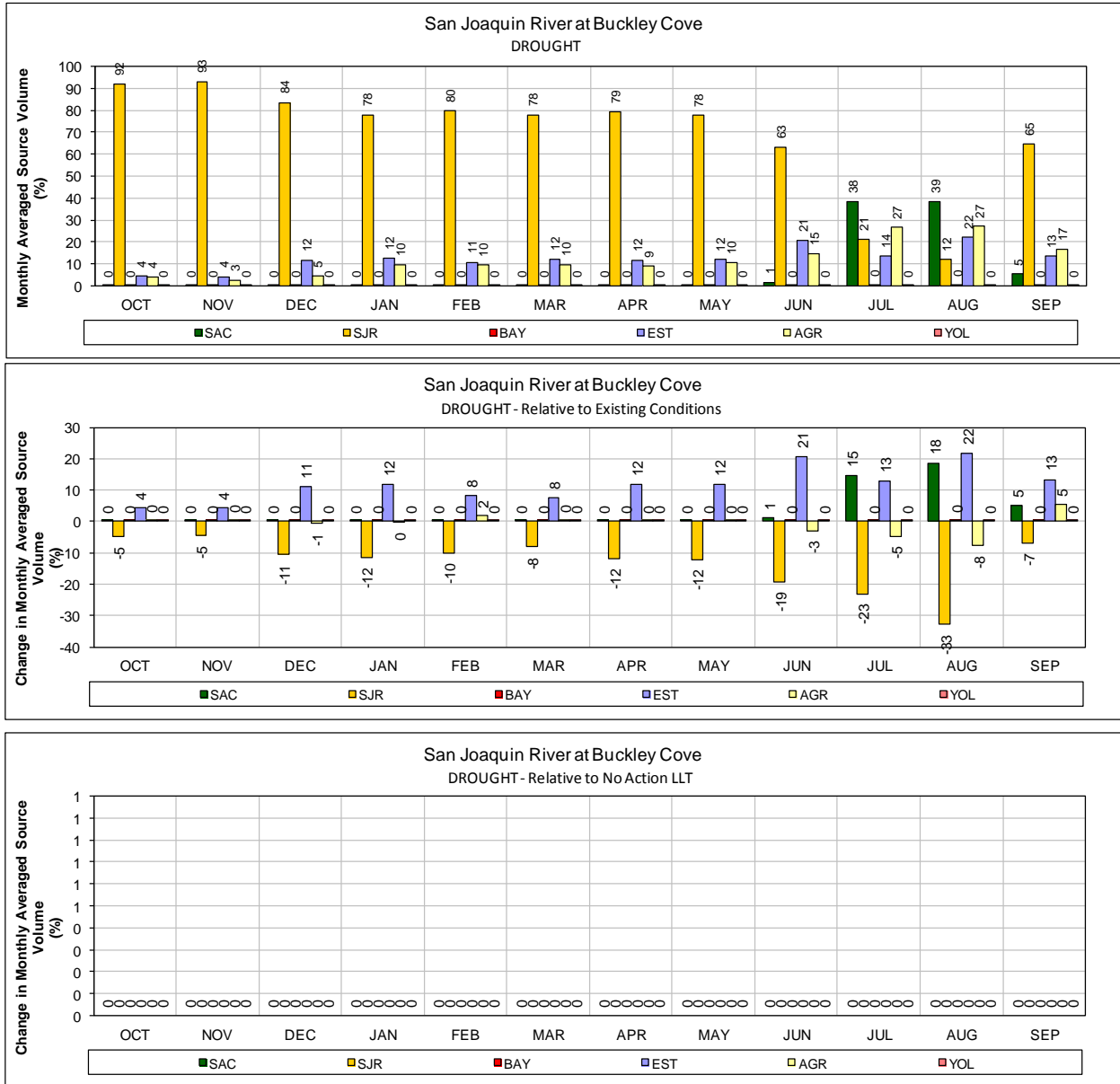
1 **Figure 1. NA LLT – Mokelumne River (South Fork) at Staten Island for ALL years (1976-1991)**
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 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



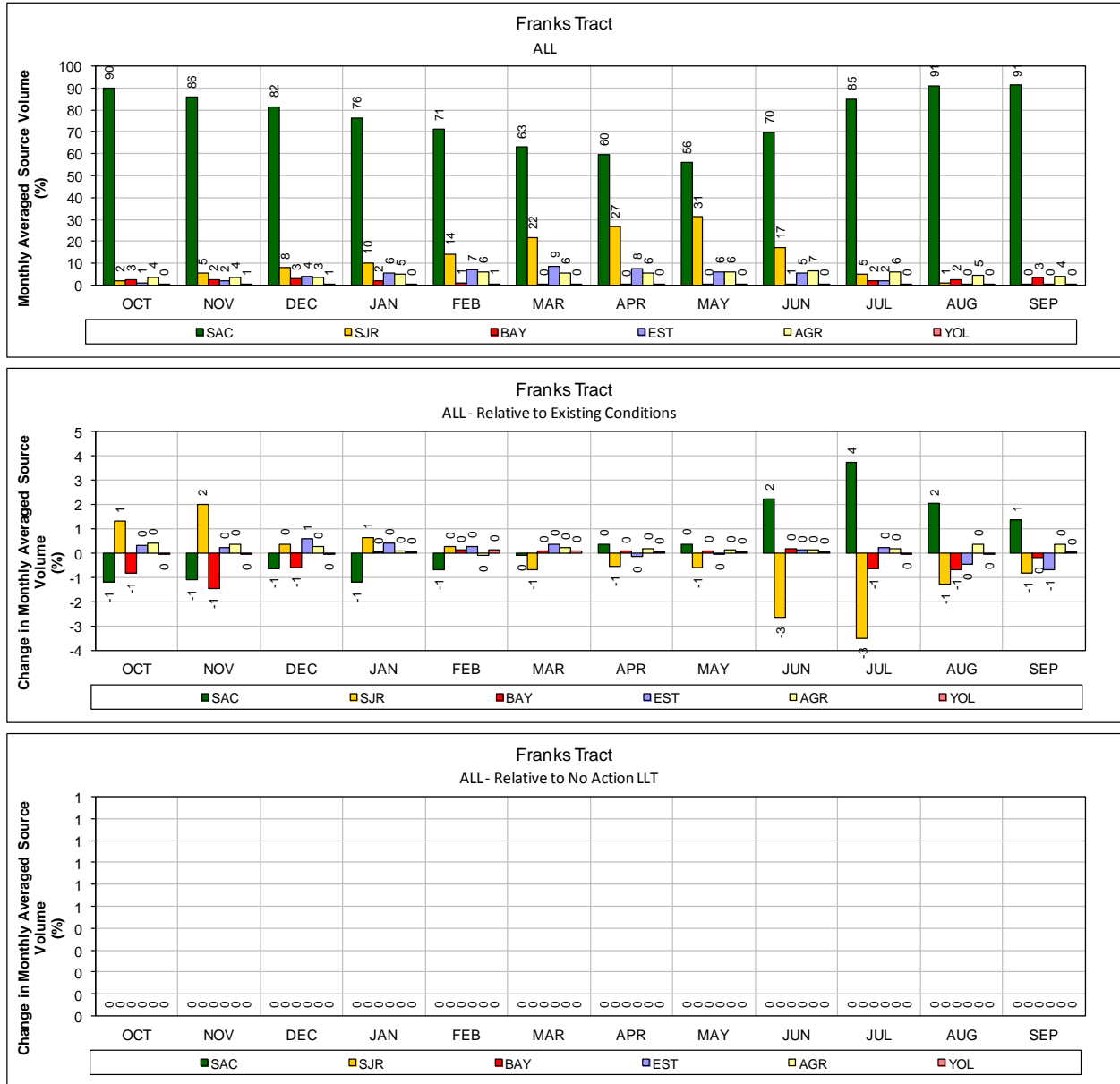
1 **Figure 2. NA LLT – Mokelumne River (South Fork) at Staten Island for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions, No Action Alternative Near-Term, and No Action Alternative Late Long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



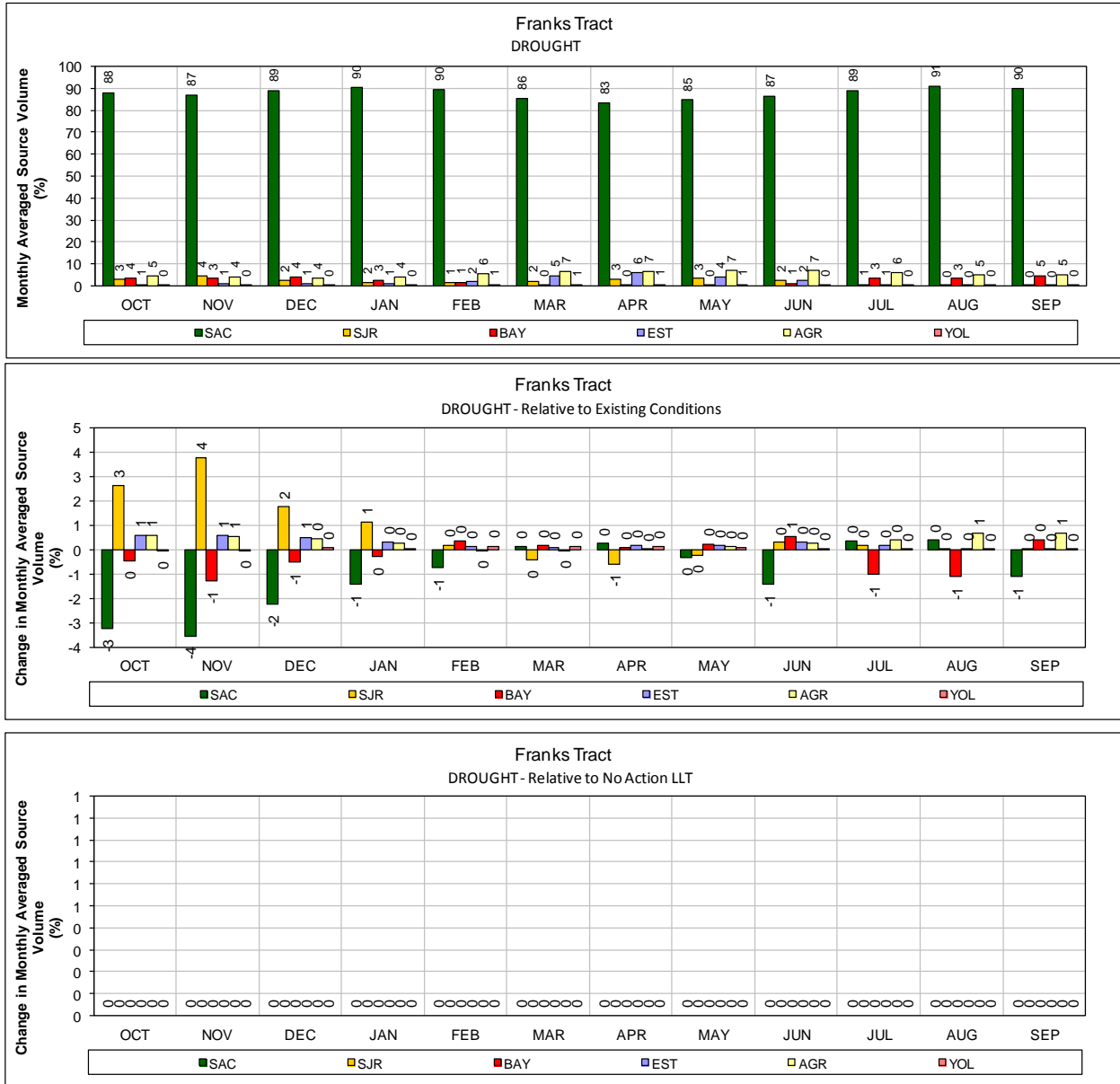
1 **Figure 3. NA LLT – San Joaquin River at Buckley Cove for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Near Term, and No Action Alternative Late Long Term**
 4 **(bottom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



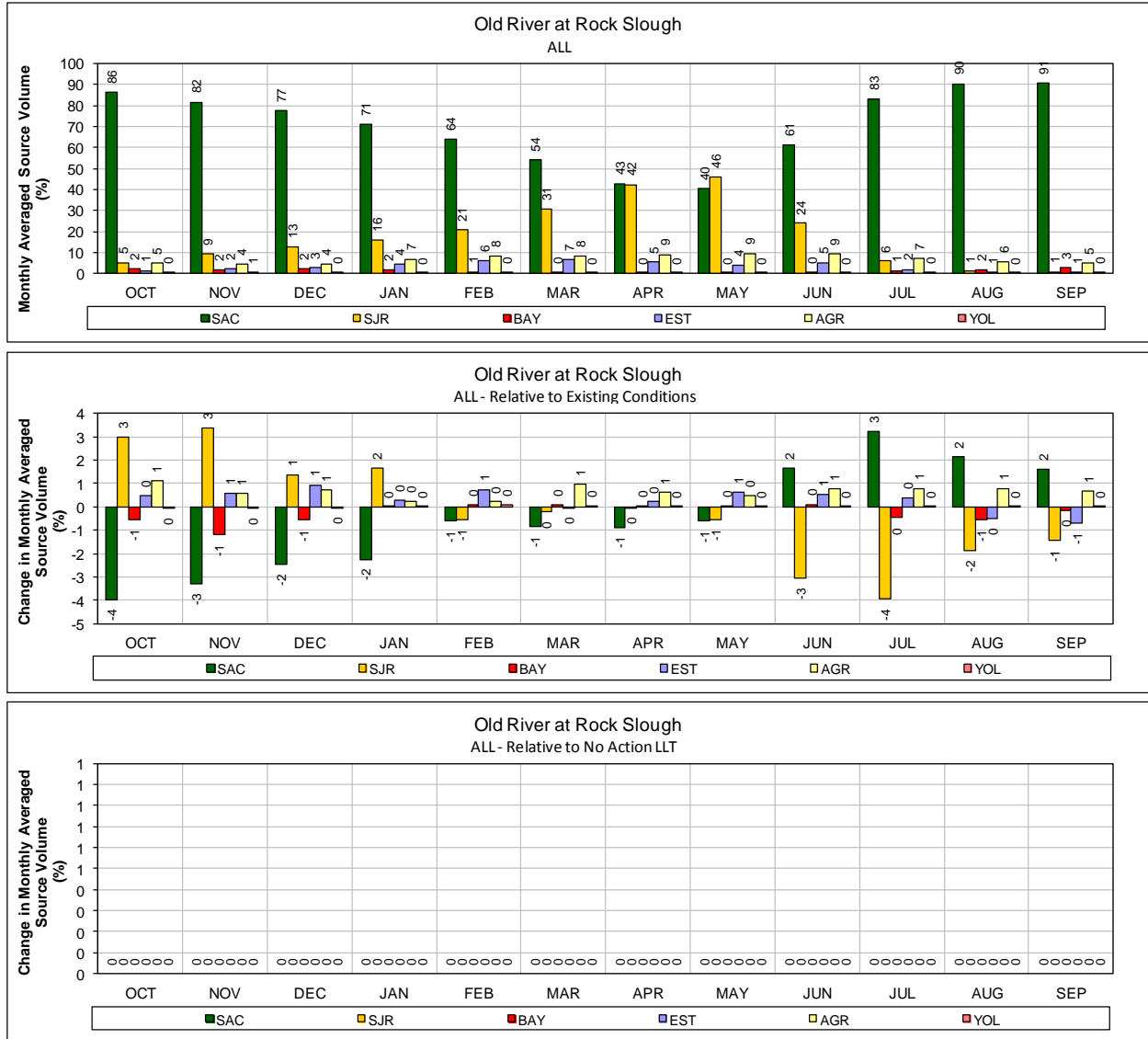
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 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



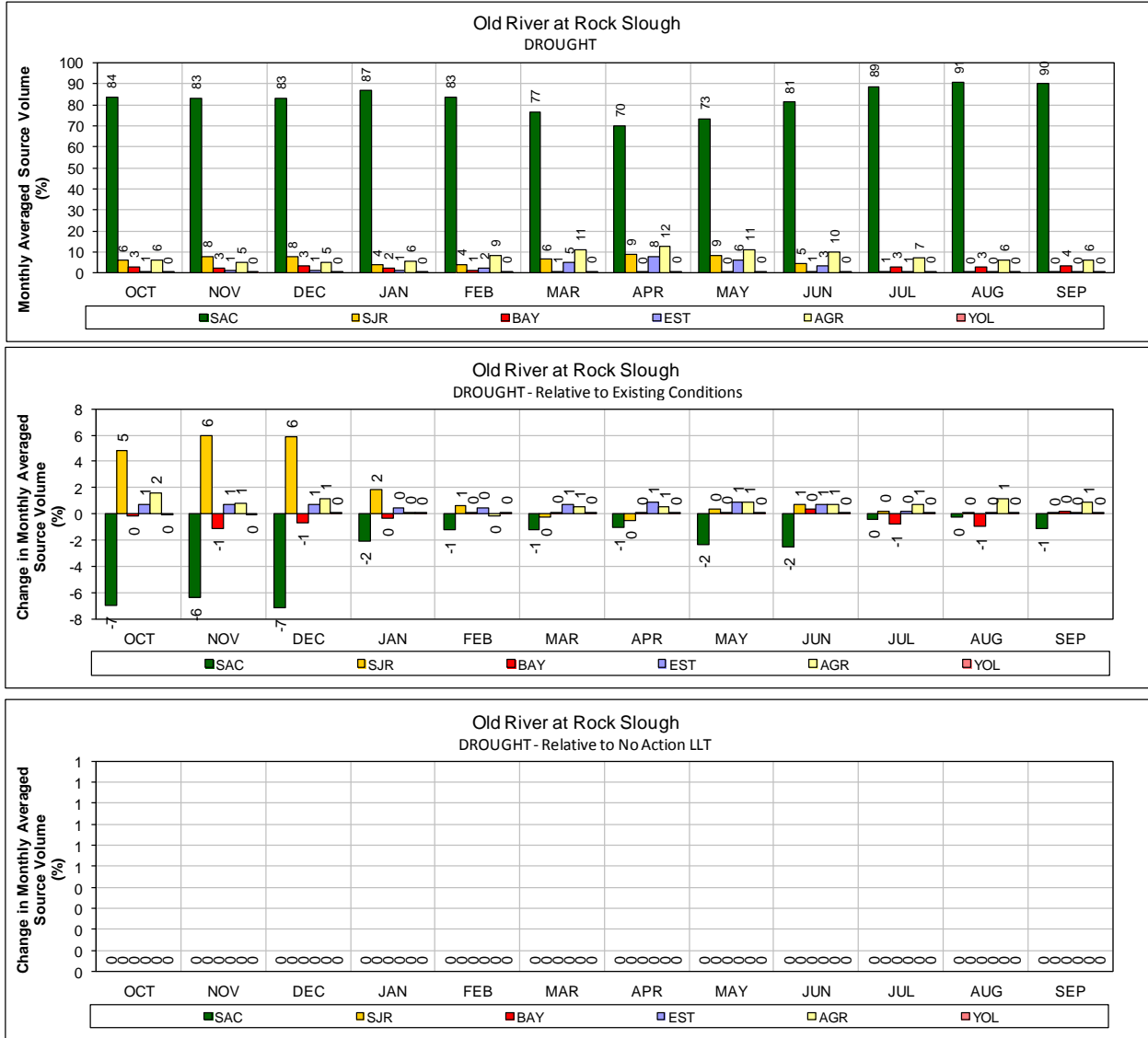
1 **Figure 5. NA LLT – Franks Tract for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



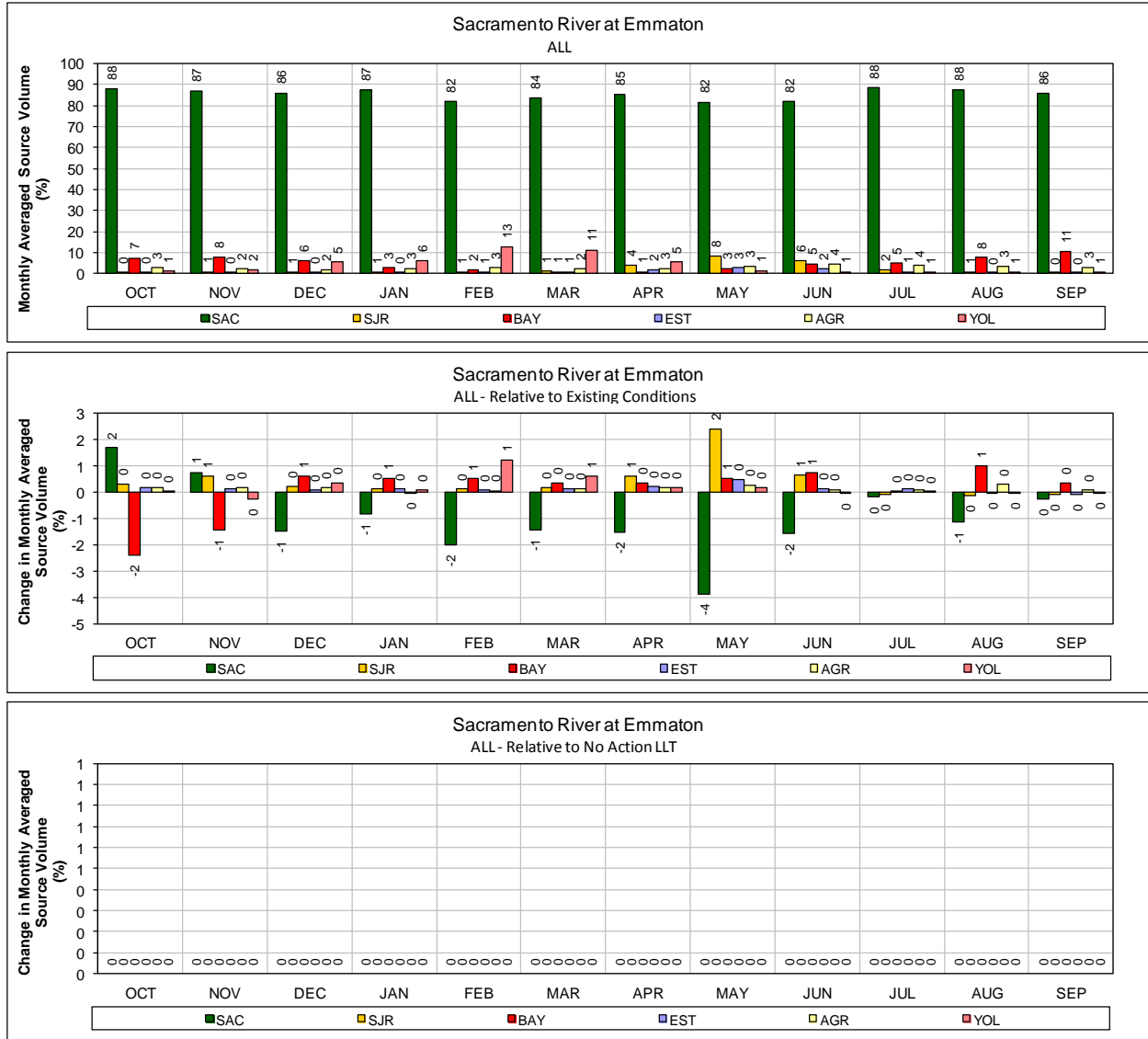
- 1 **Figure 6. NA LLT – Franks Tract for DROUGHT years (1987-1991)**
- 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**
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1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



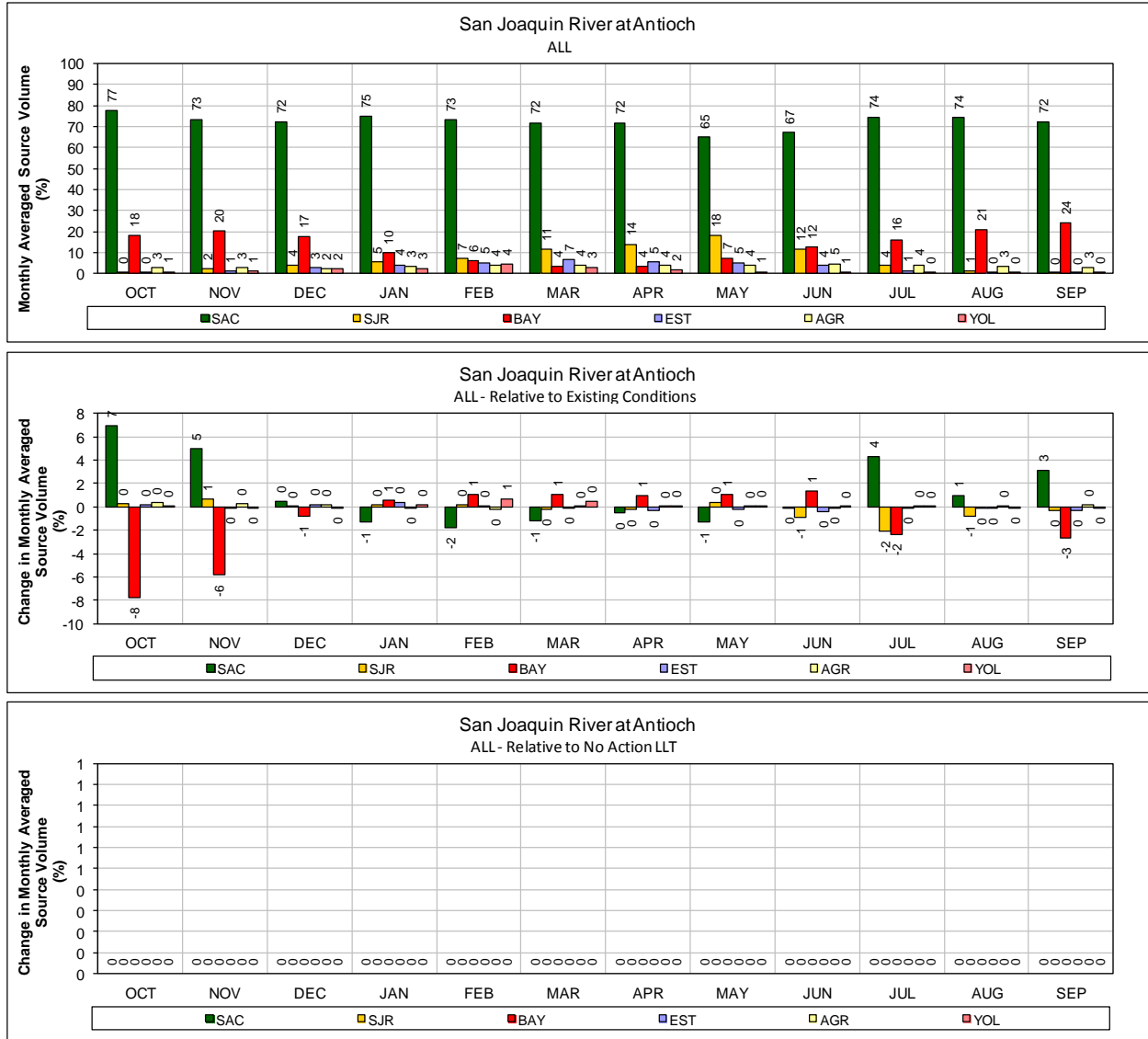
1 **Figure 8. NA LLT – Old River at Rock Slough for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



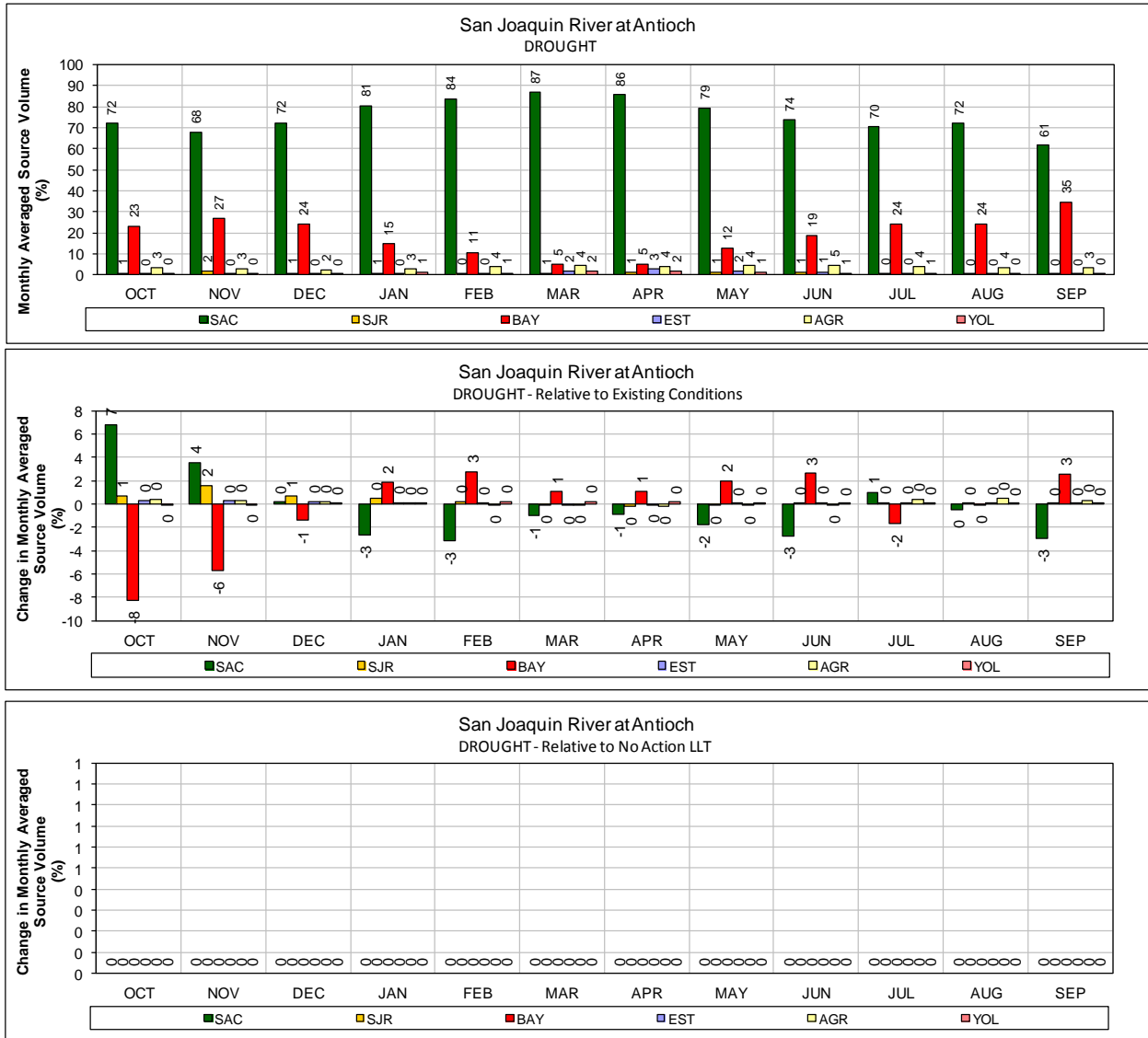
- 1 Figure 9. NA LLT – Sacramento River at Emmaton for ALL years (1976-1991)
- 2 Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).
- 3



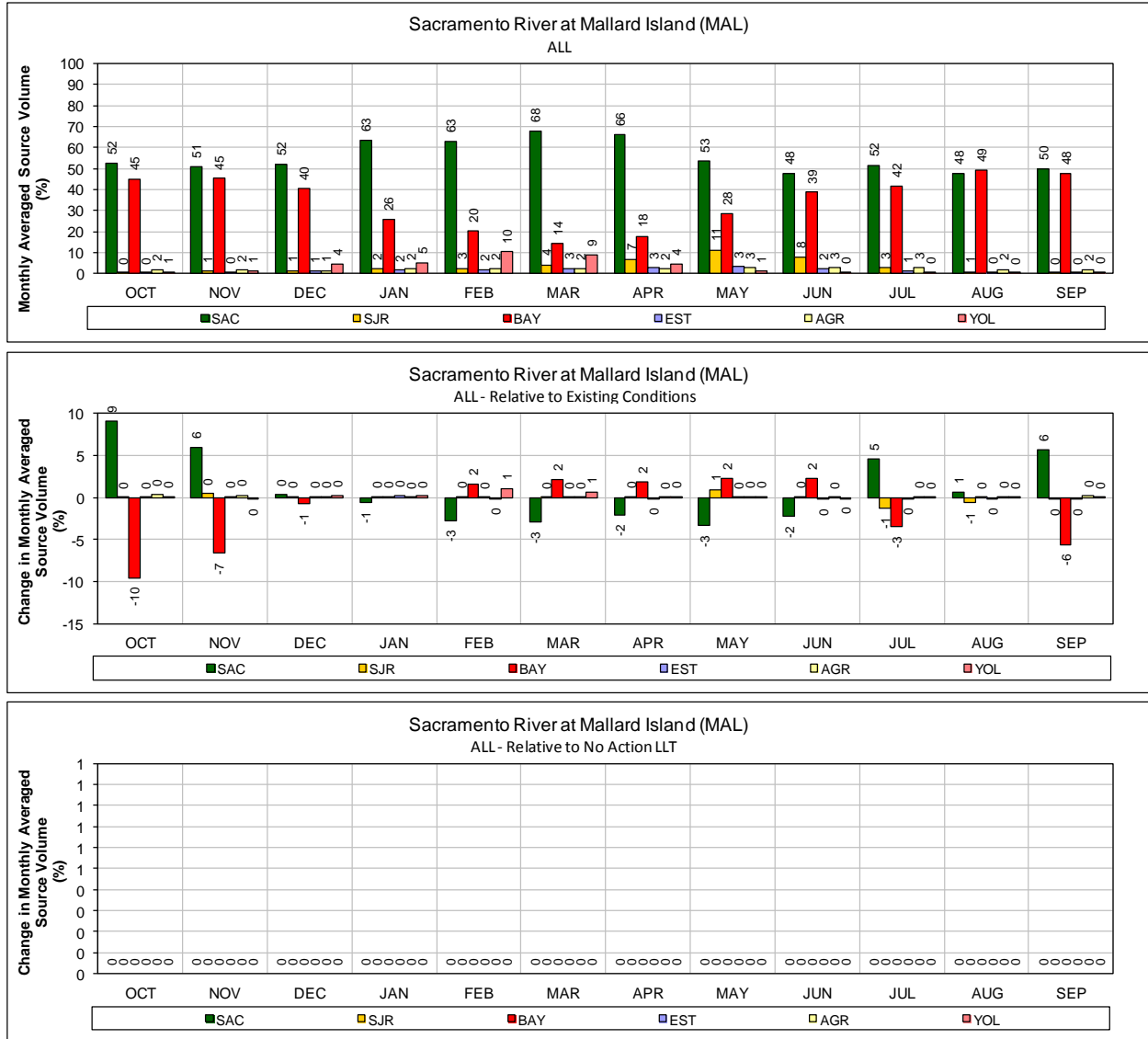
- 1 **Figure 10.NA LLT – Sacramento River at Emmaton for DROUGHT years (1987-1991)**
- 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**
- 3



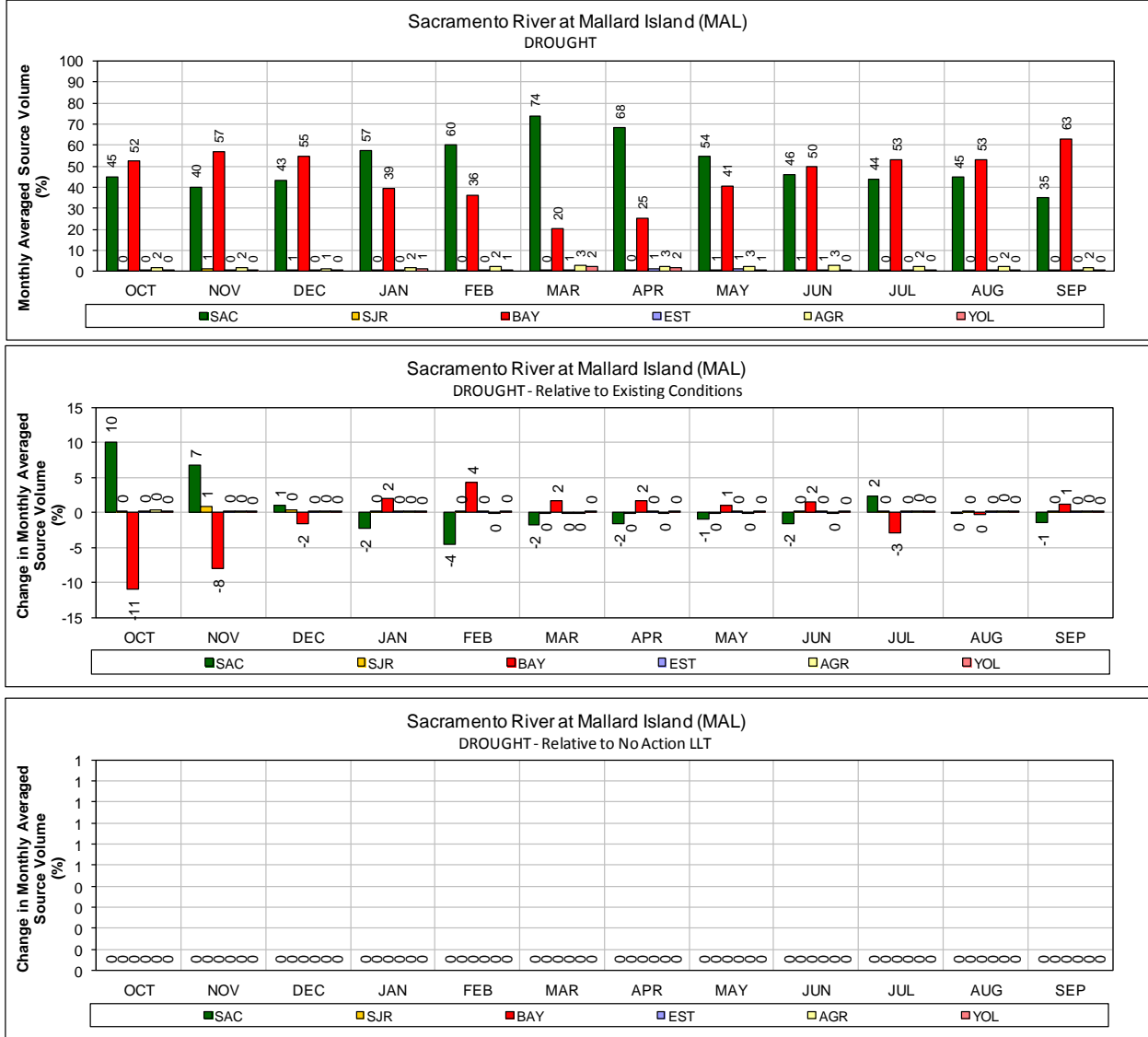
- 1 **Figure 11.NA LLT – San Joaquin River at Antioch for ALL years (1976-1991)**
- 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**
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- 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 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**
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- 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

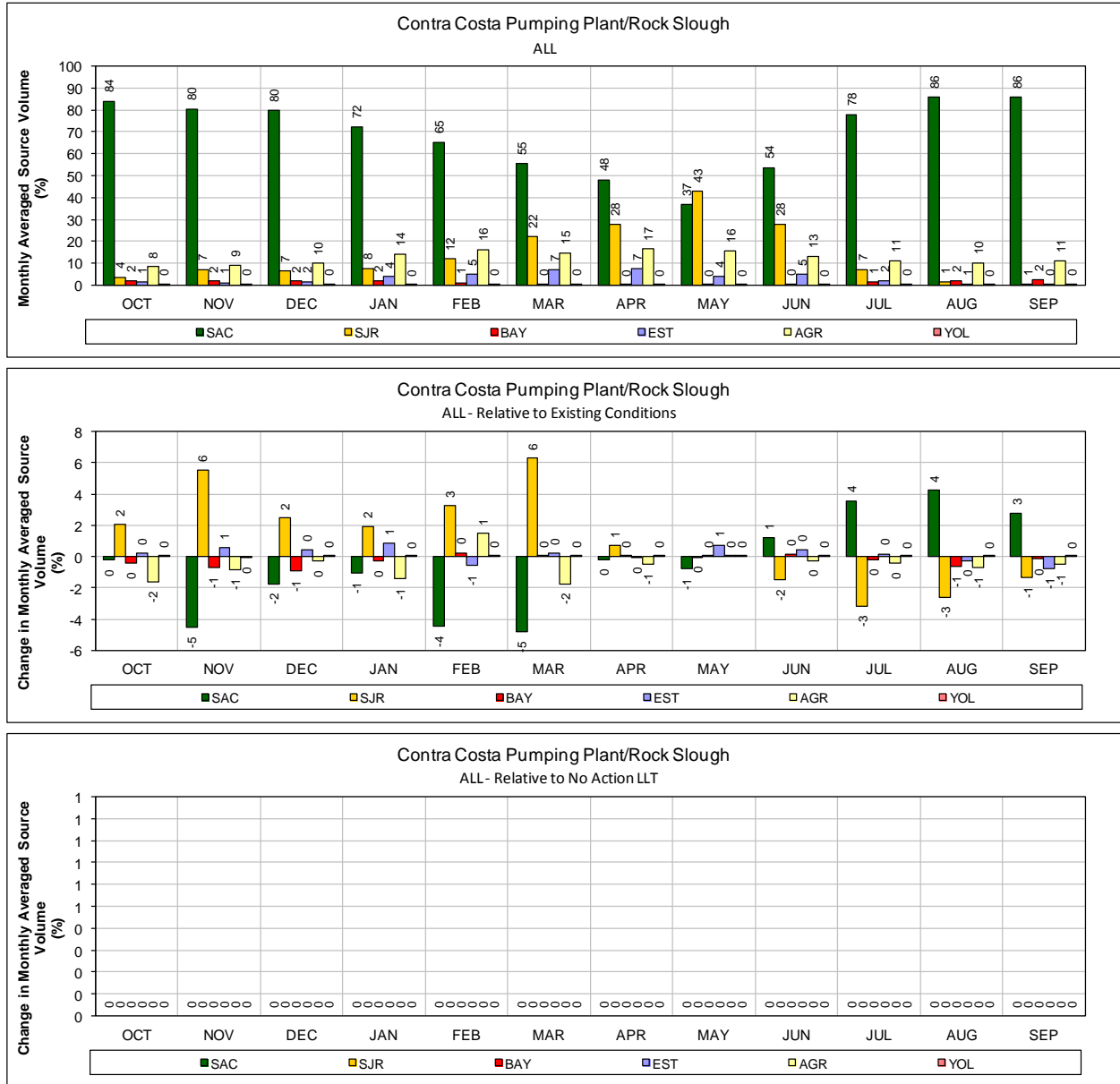


1 **Figure 15.NA LLT – North Bay Aqueduct at Barker Slough Pumping Plant for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**

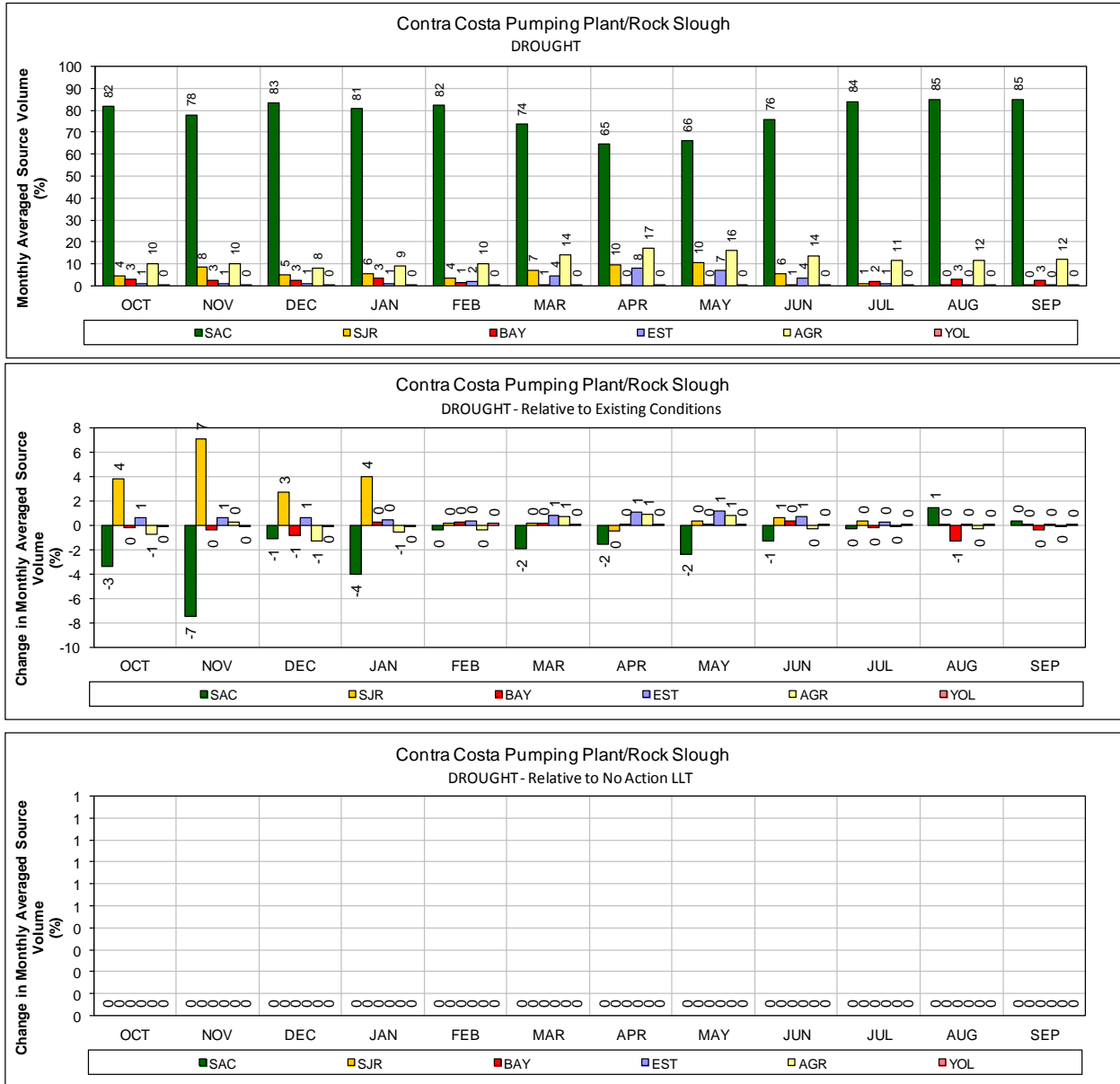


1 **Figure 16.NA LLT – North Bay Aqueduct at Barker Slough Pumping Plant for DROUGHT years (1987-**
 2 **1991)**

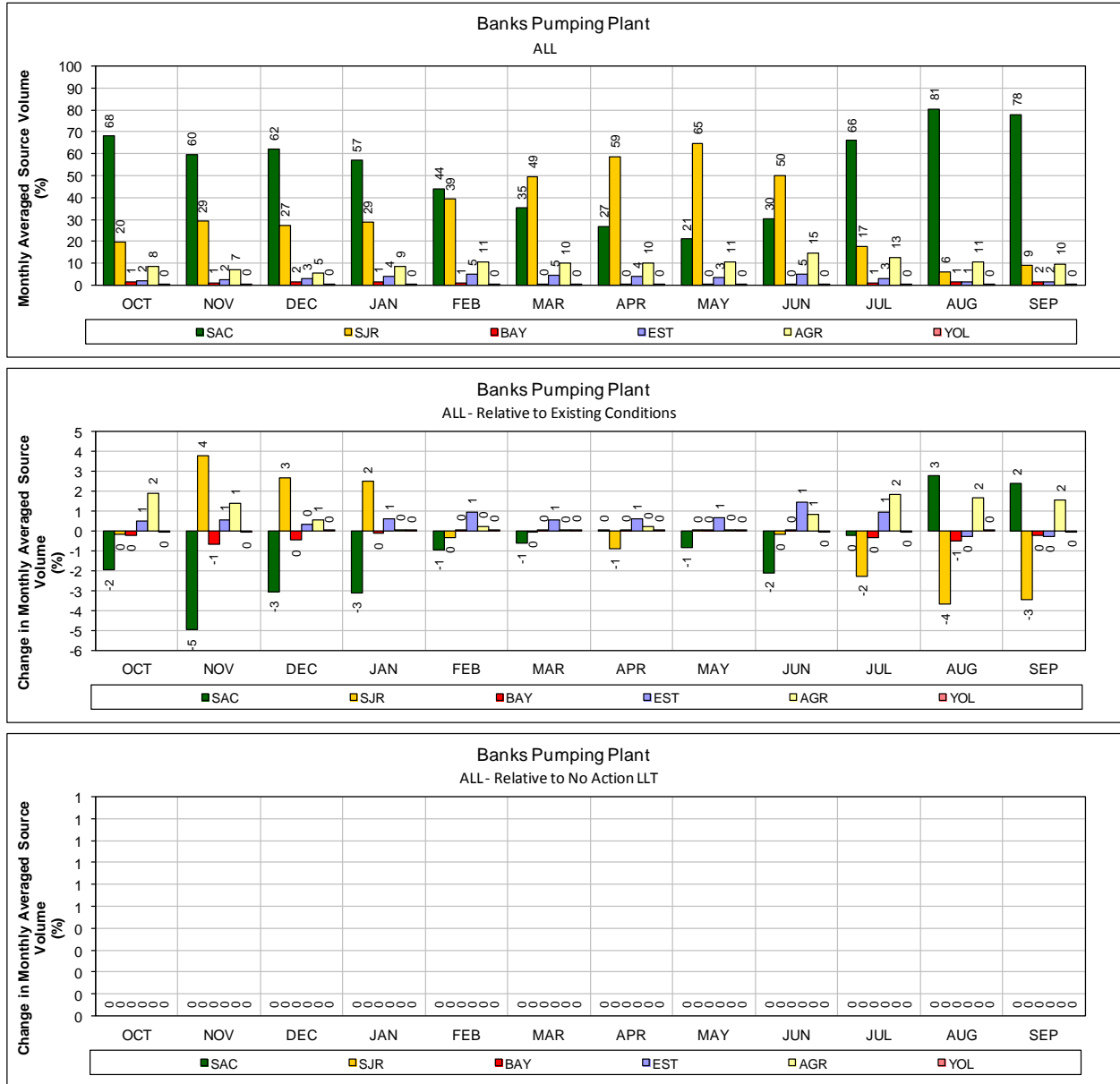
3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



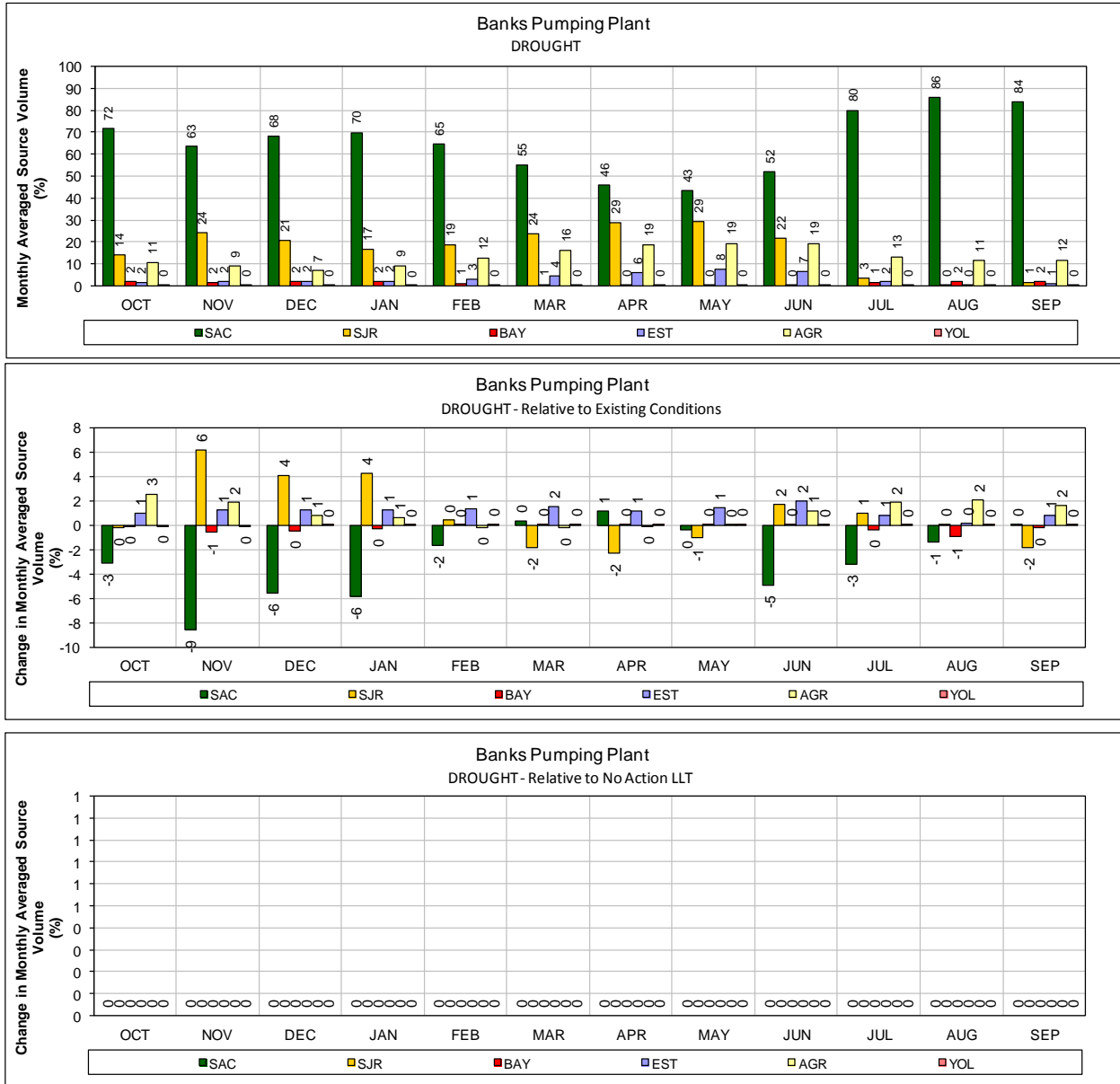
- 1 **Figure 17.NA LLT – Contra Costa Pumping Plant #1 for ALL years (1976-1991)**
- 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**
- 3



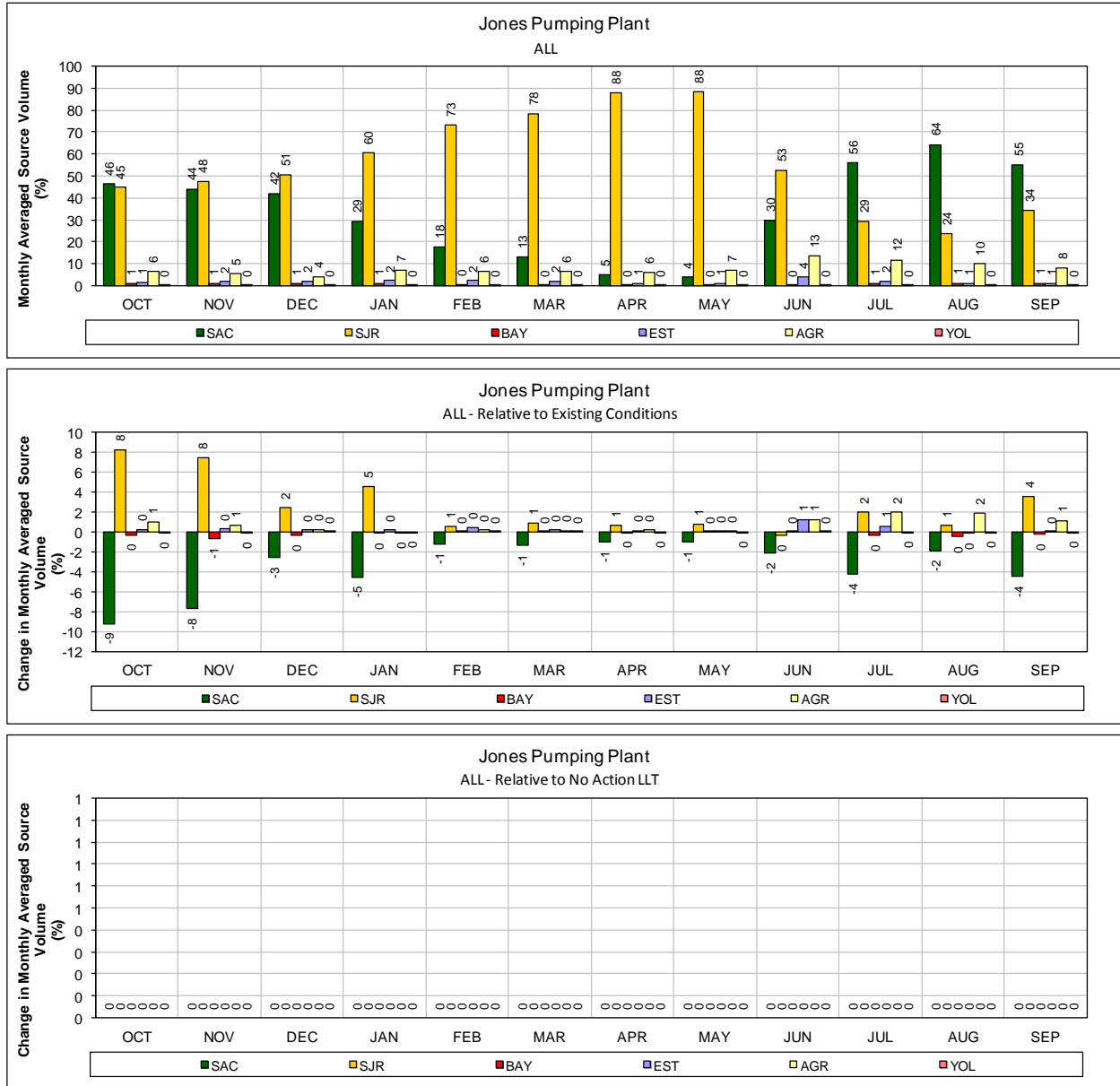
- 1 **Figure 18.NA LLT – Contra Costa Pumping Plant #1 for DROUGHT years (1987-1991)**
- 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**
- 3



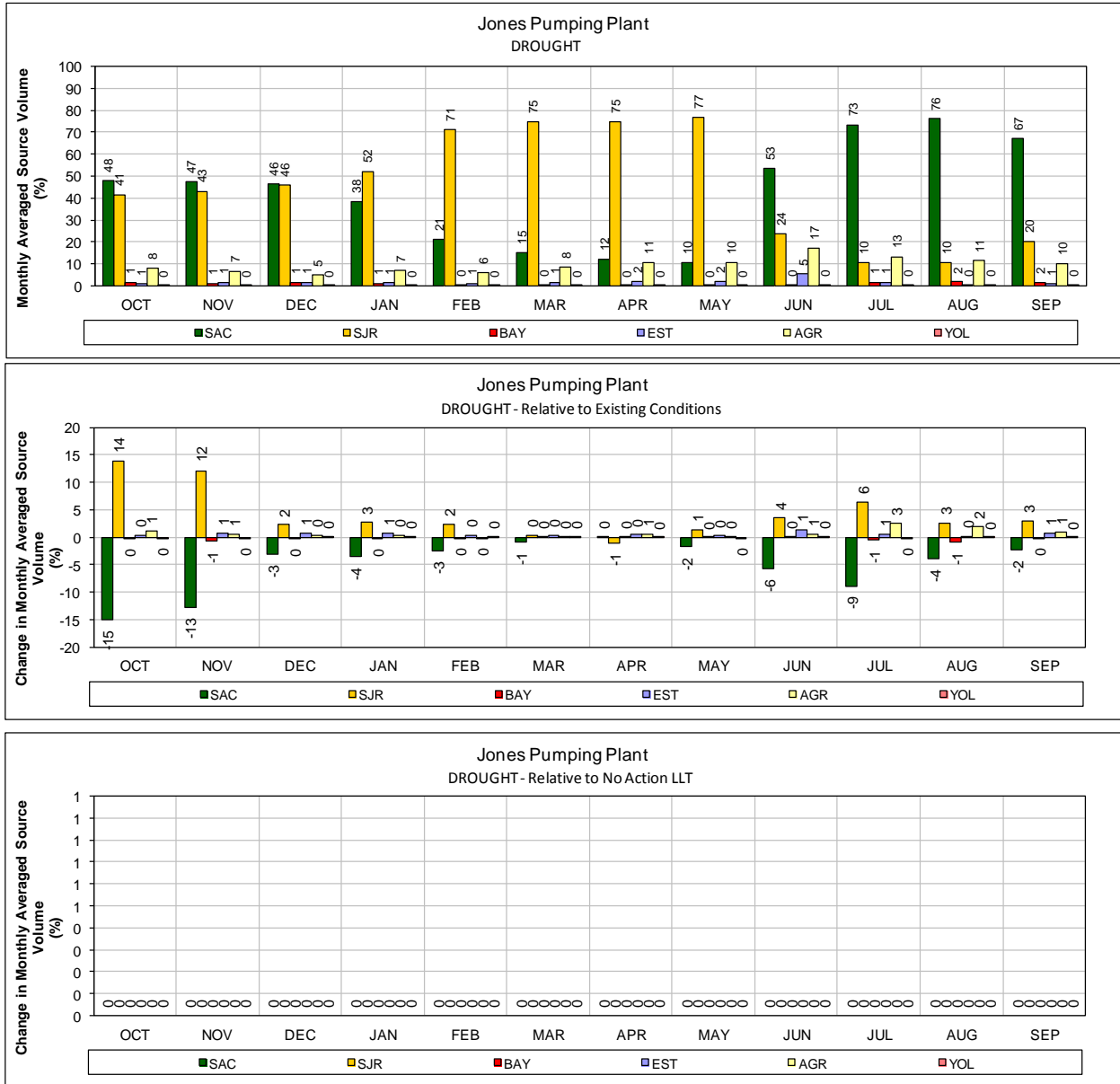
1 **Figure 19. NA LLT – Banks Pumping Plant #1 for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



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



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

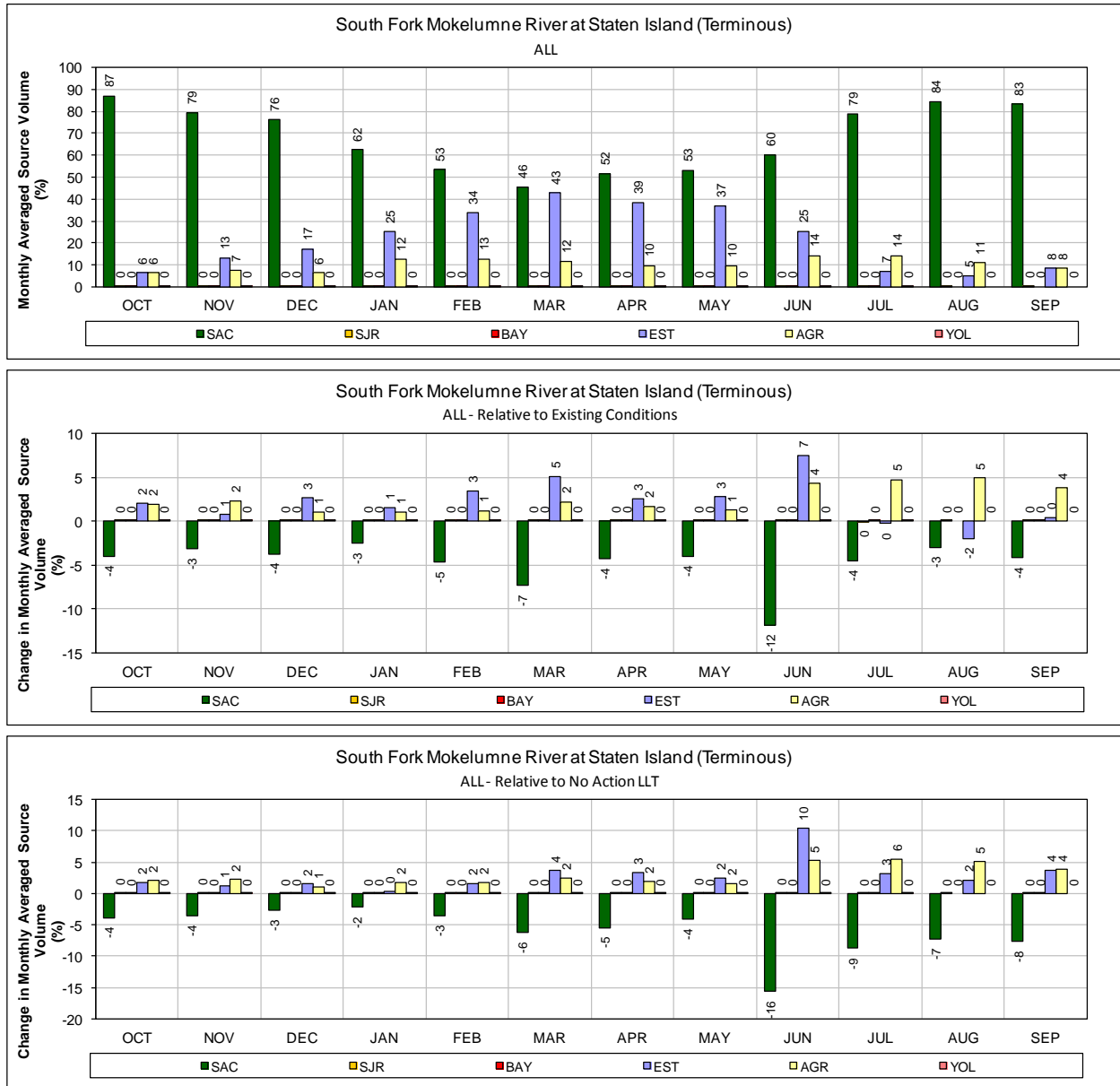


- 1 **Figure 22.NA LLT – Jones Pumping Plant for DROUGHT years (1987-1991)**
- 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**
- 3

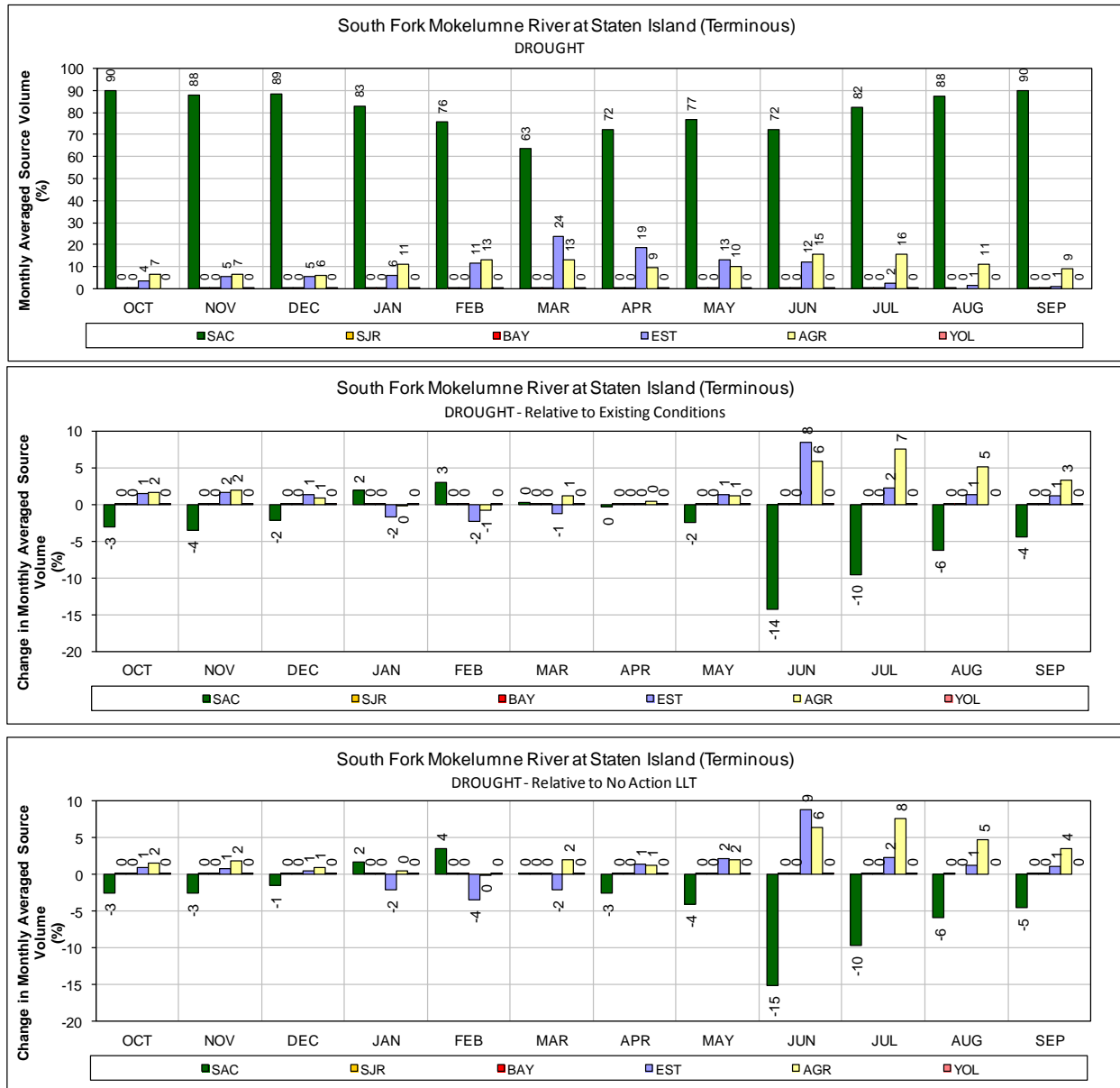
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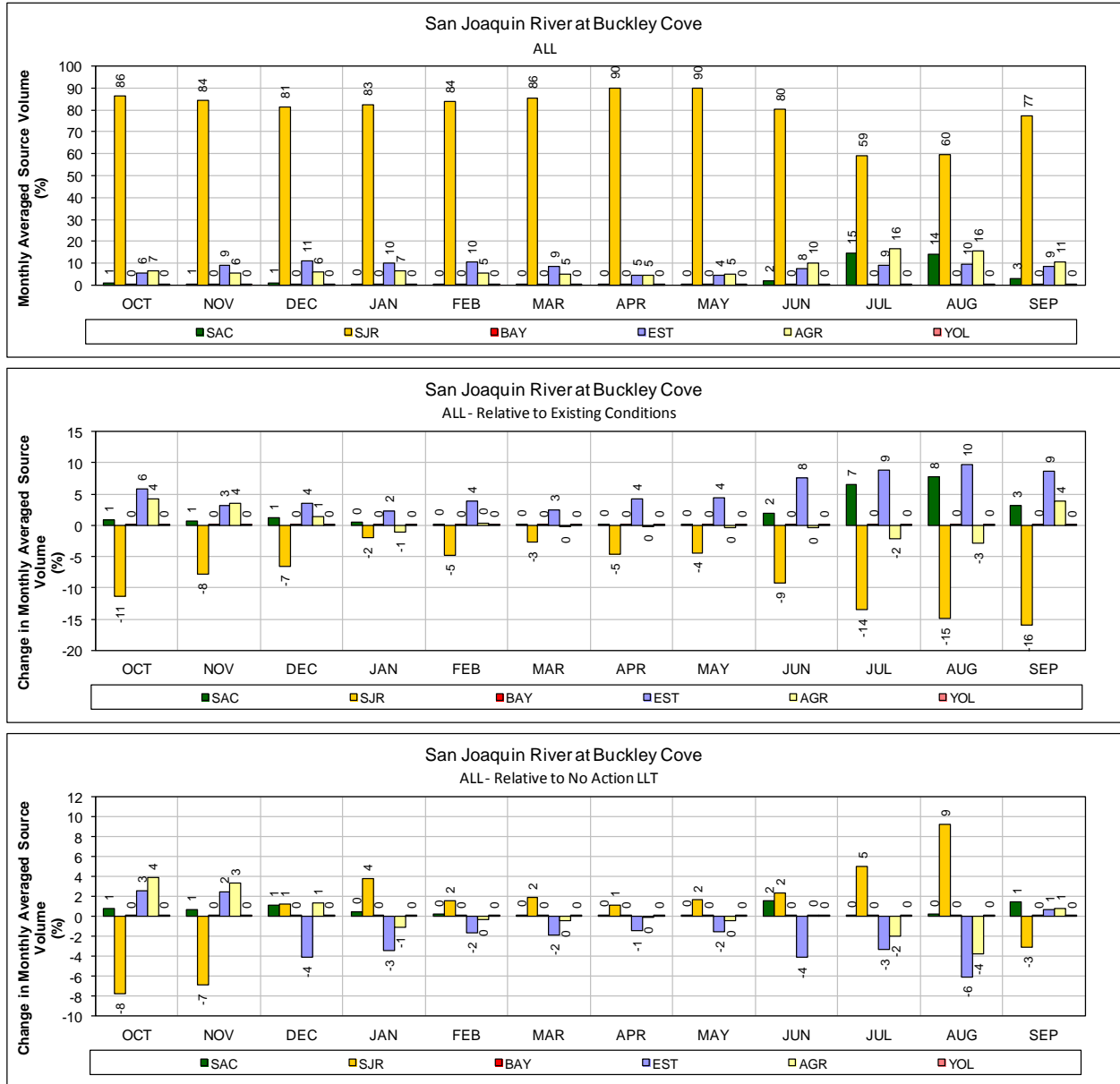
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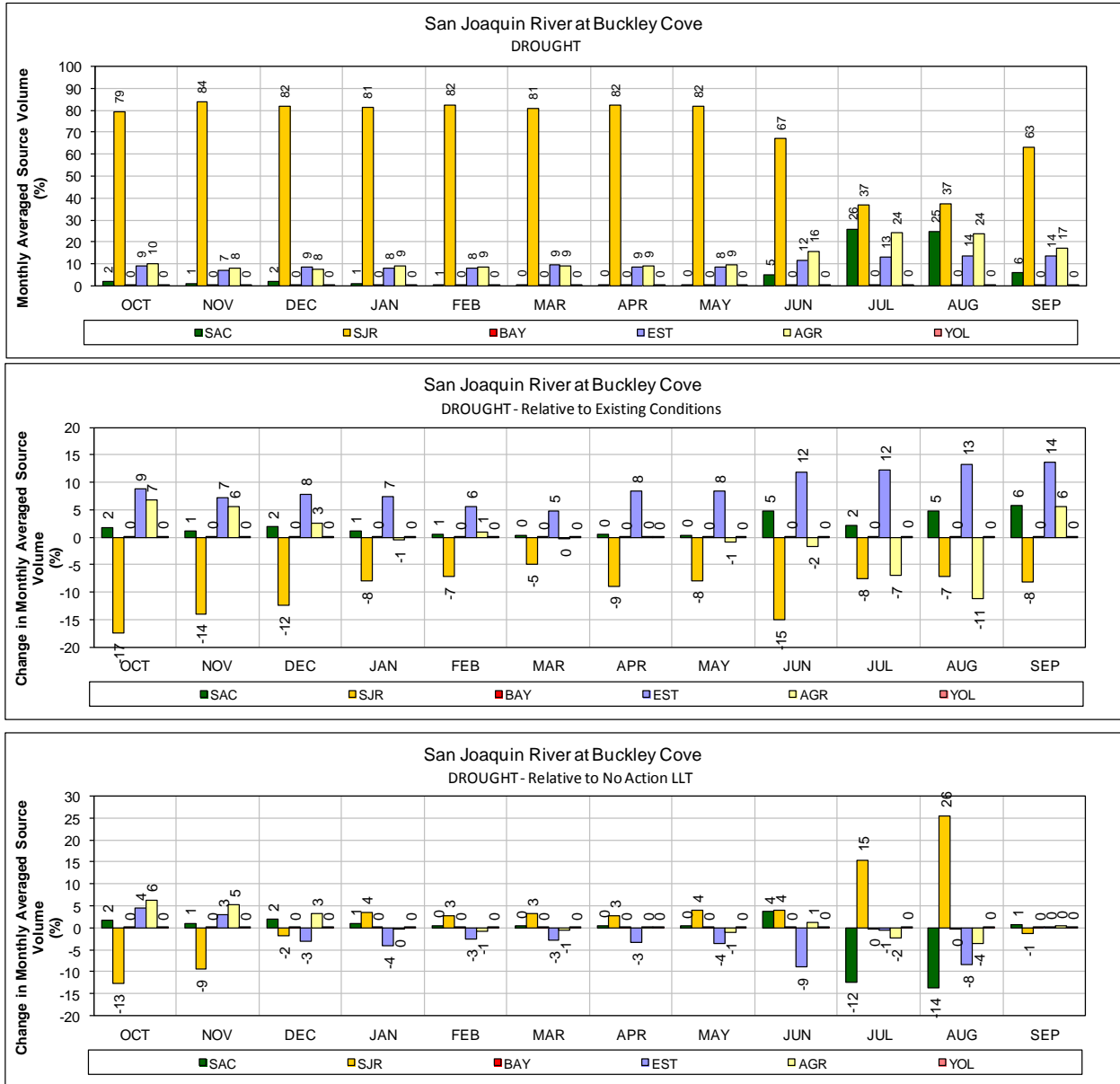
1 **Figure 23.ALT 1 – Mokelumne River (South Fork) at Staten Island for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



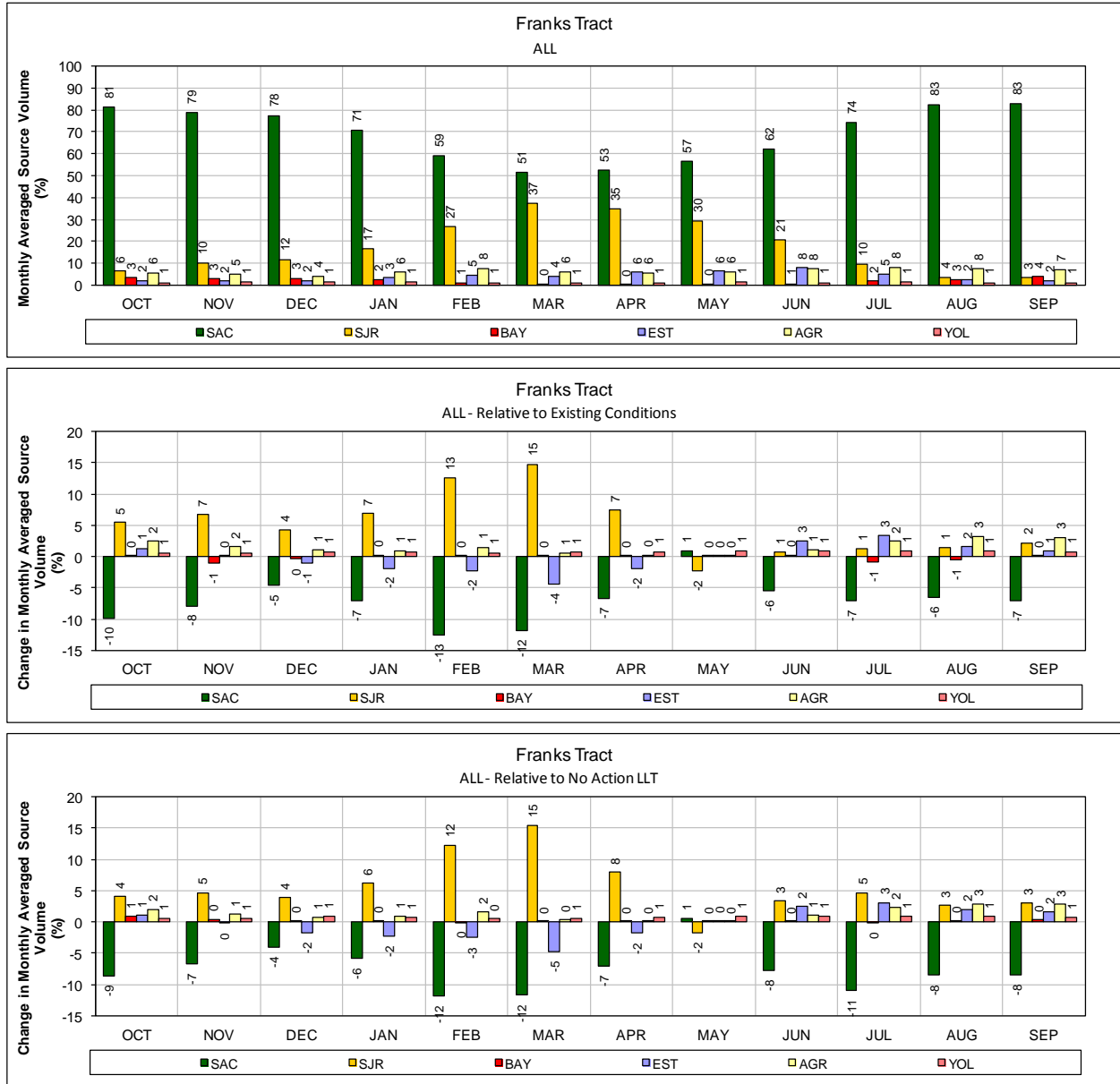
1 **Figure 24.ALT 1 – Mokelumne River (South Fork) at Staten Island for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



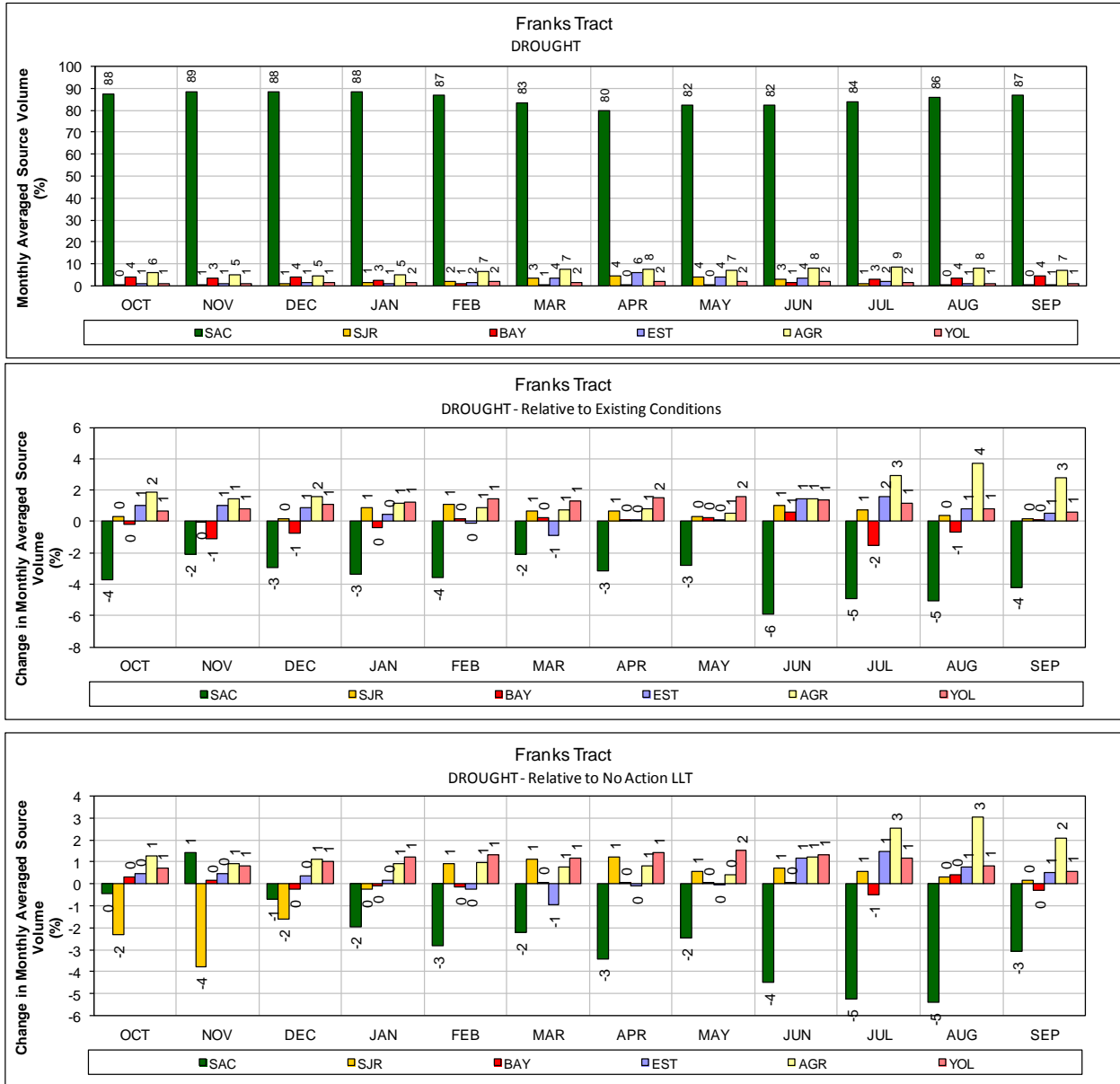
1 **Figure 25.ALT 1 – San Joaquin River at Buckley Cove for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



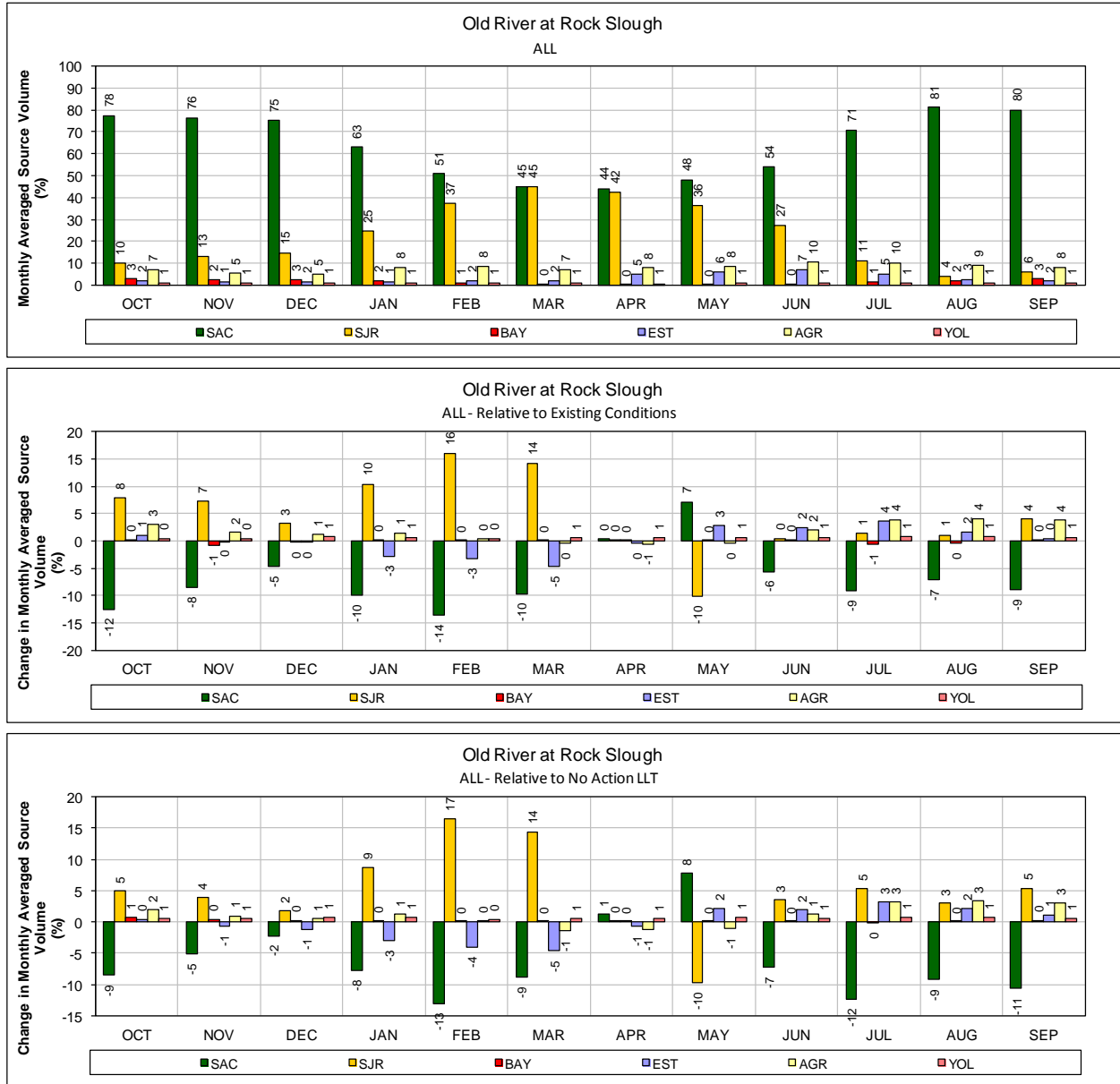
1 **Figure 26.ALT 1 – San Joaquin River at Buckley Cove for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



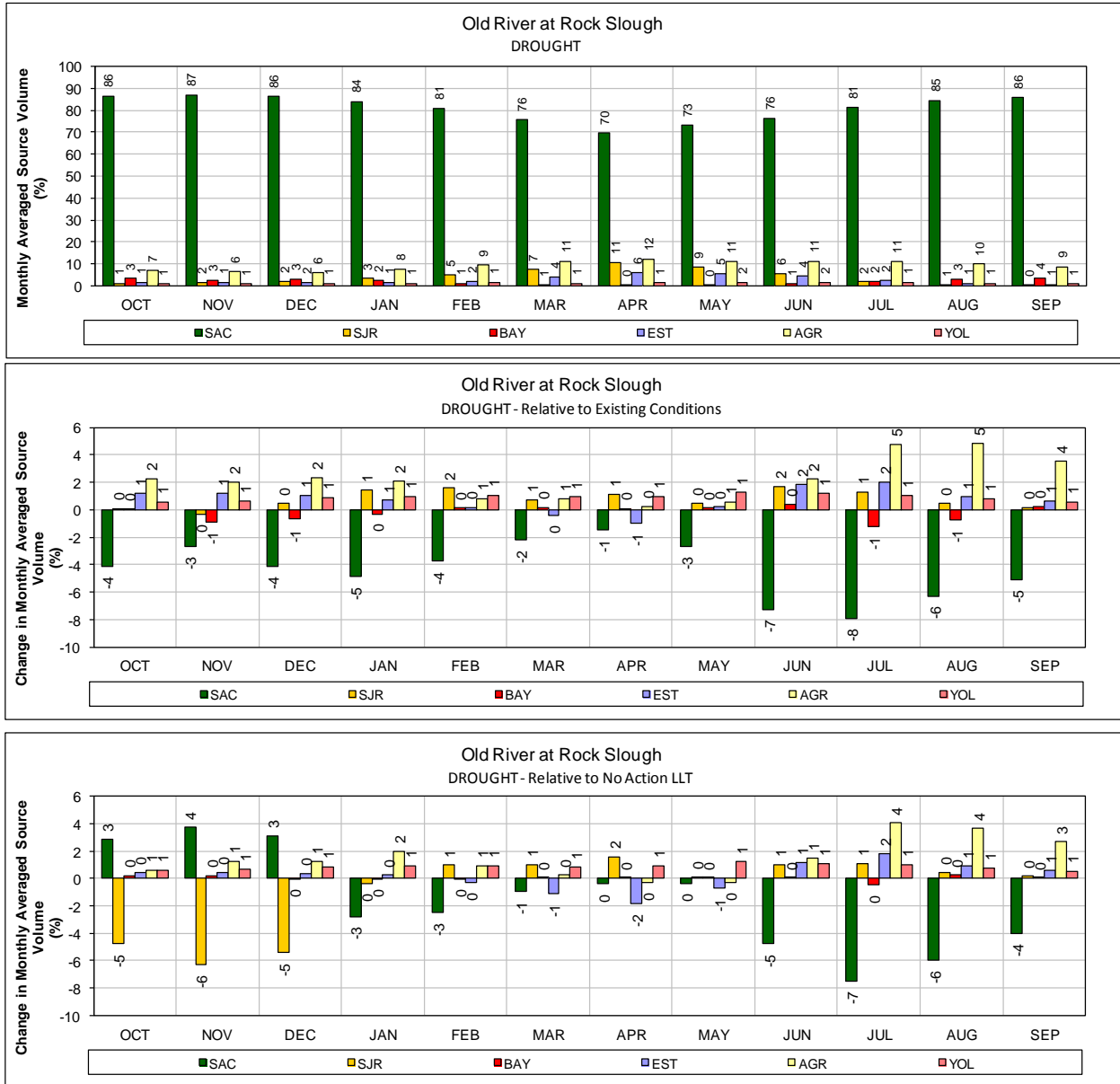
1 **Figure 27.ALT 1 – Franks Tract for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



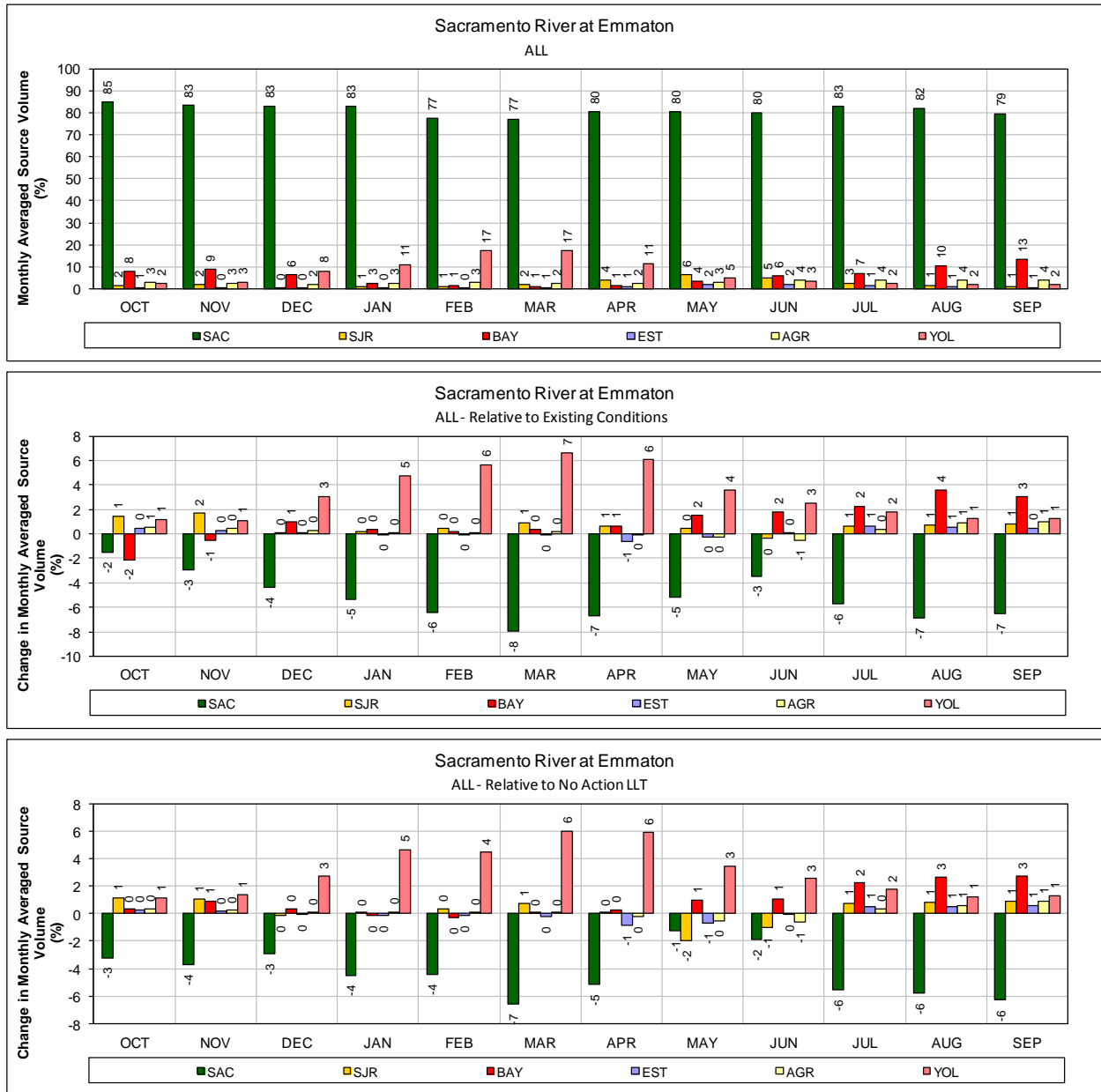
1 **Figure 28.ALT 1 – Franks Tract for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



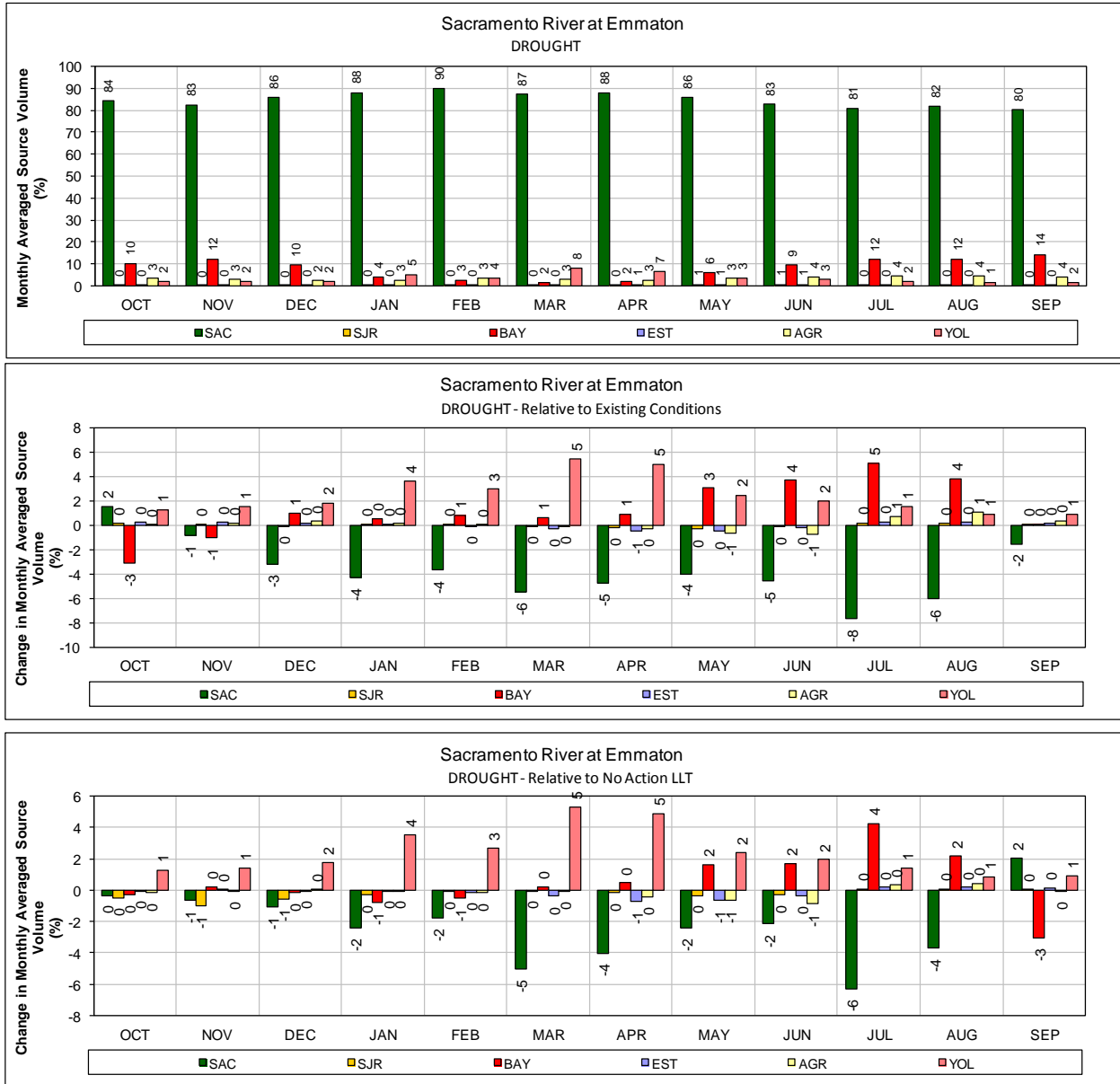
1 **Figure 29.ALT 1 – Old River at Rock Slough for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



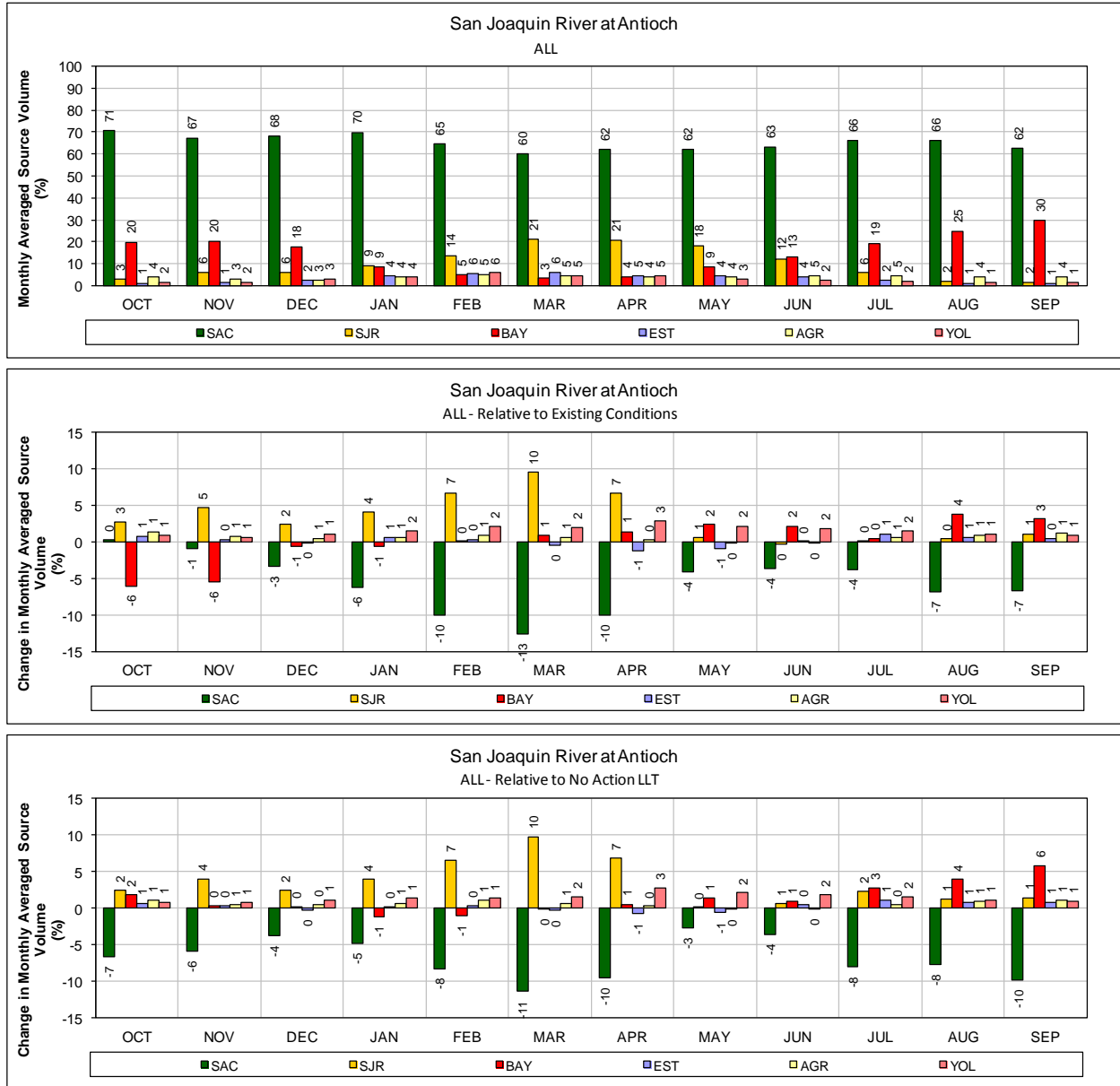
1 **Figure 30.ALT 1 – Old River at Rock Slough for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



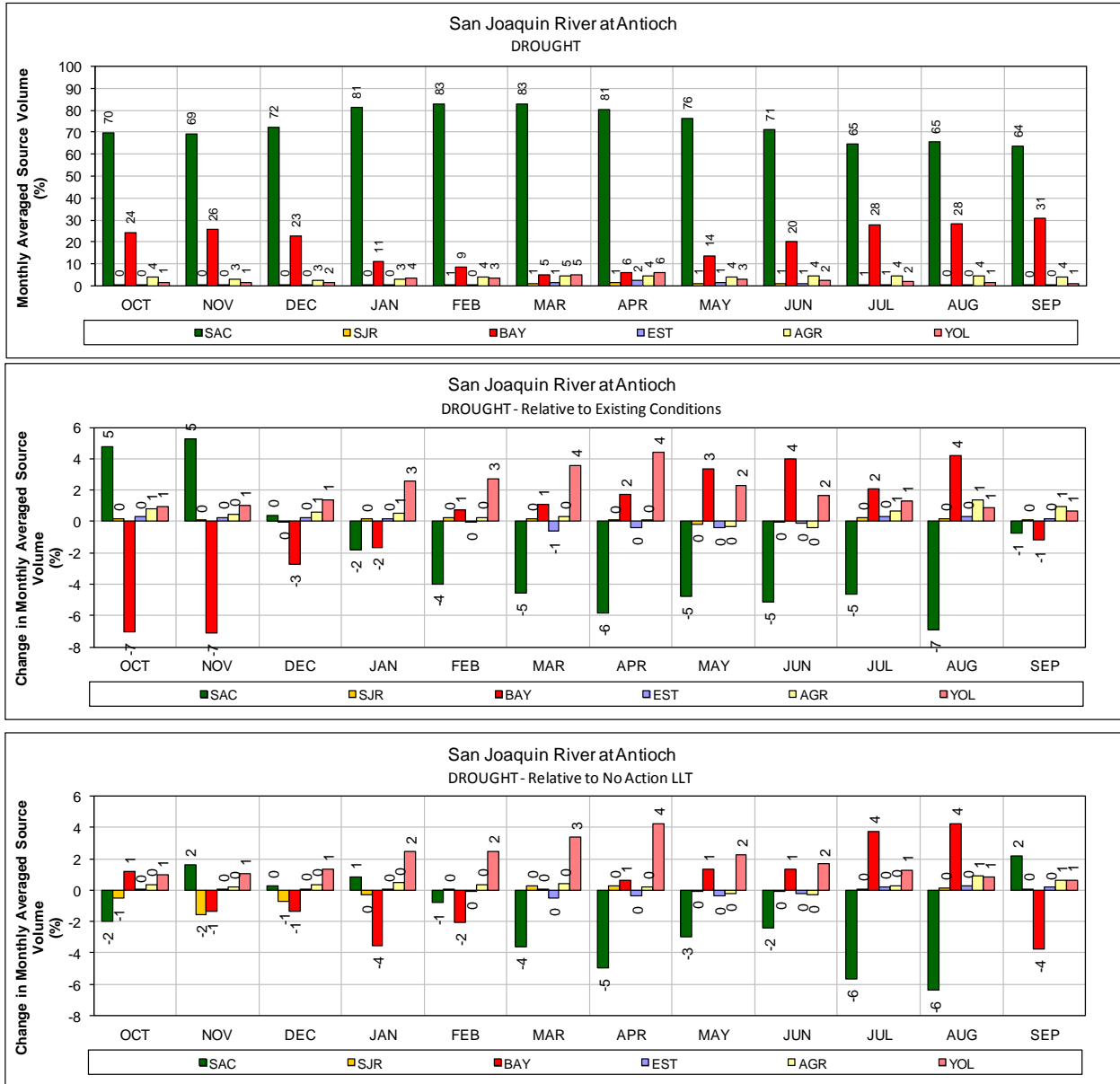
1 **Figure 31.ALT 1 – Sacramento River at Emmaton for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



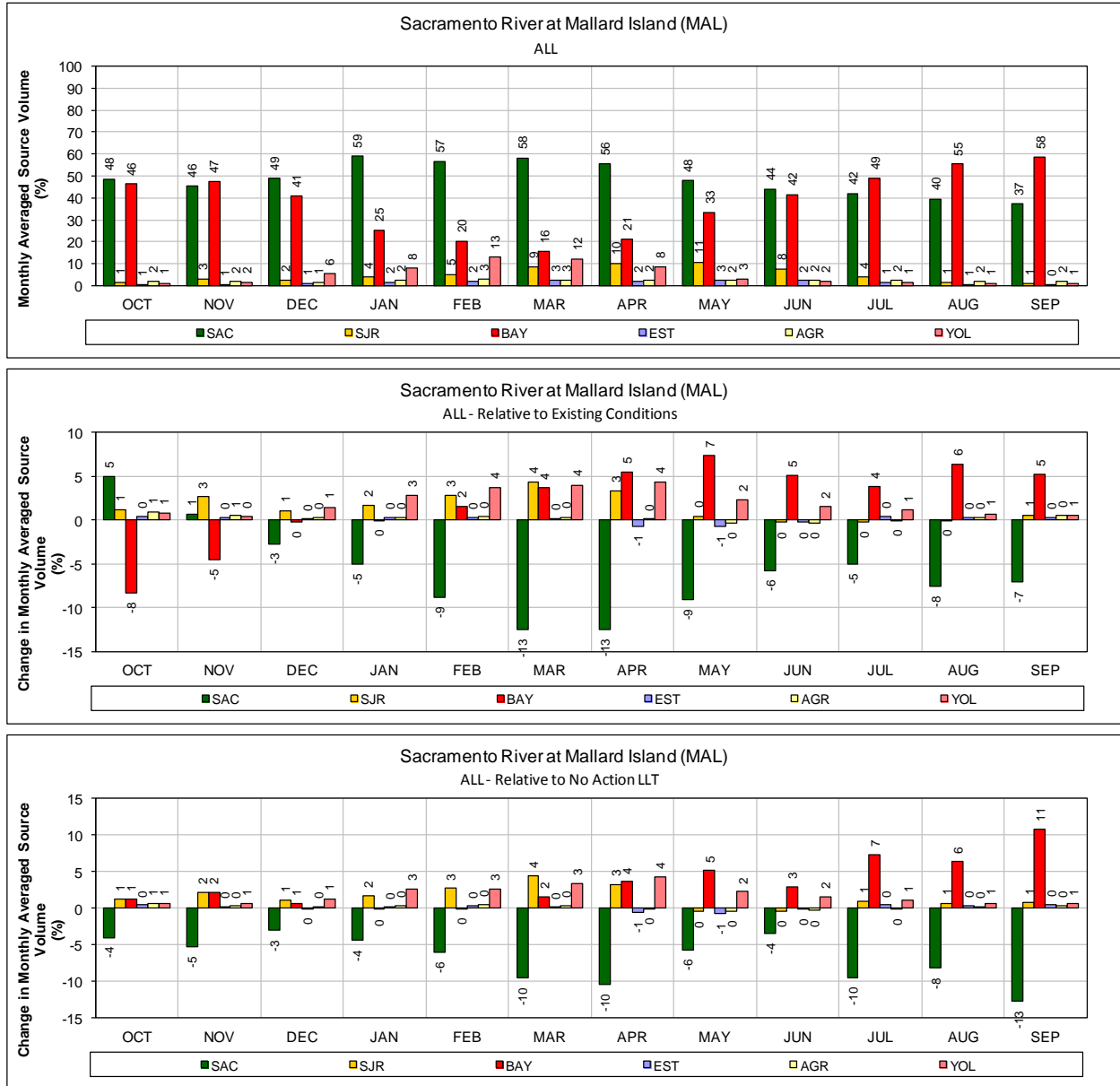
- 1 **Figure 32.ALT 1 – Sacramento River at Emmaton for DROUGHT years (1987-1991)**
- 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**
- 3



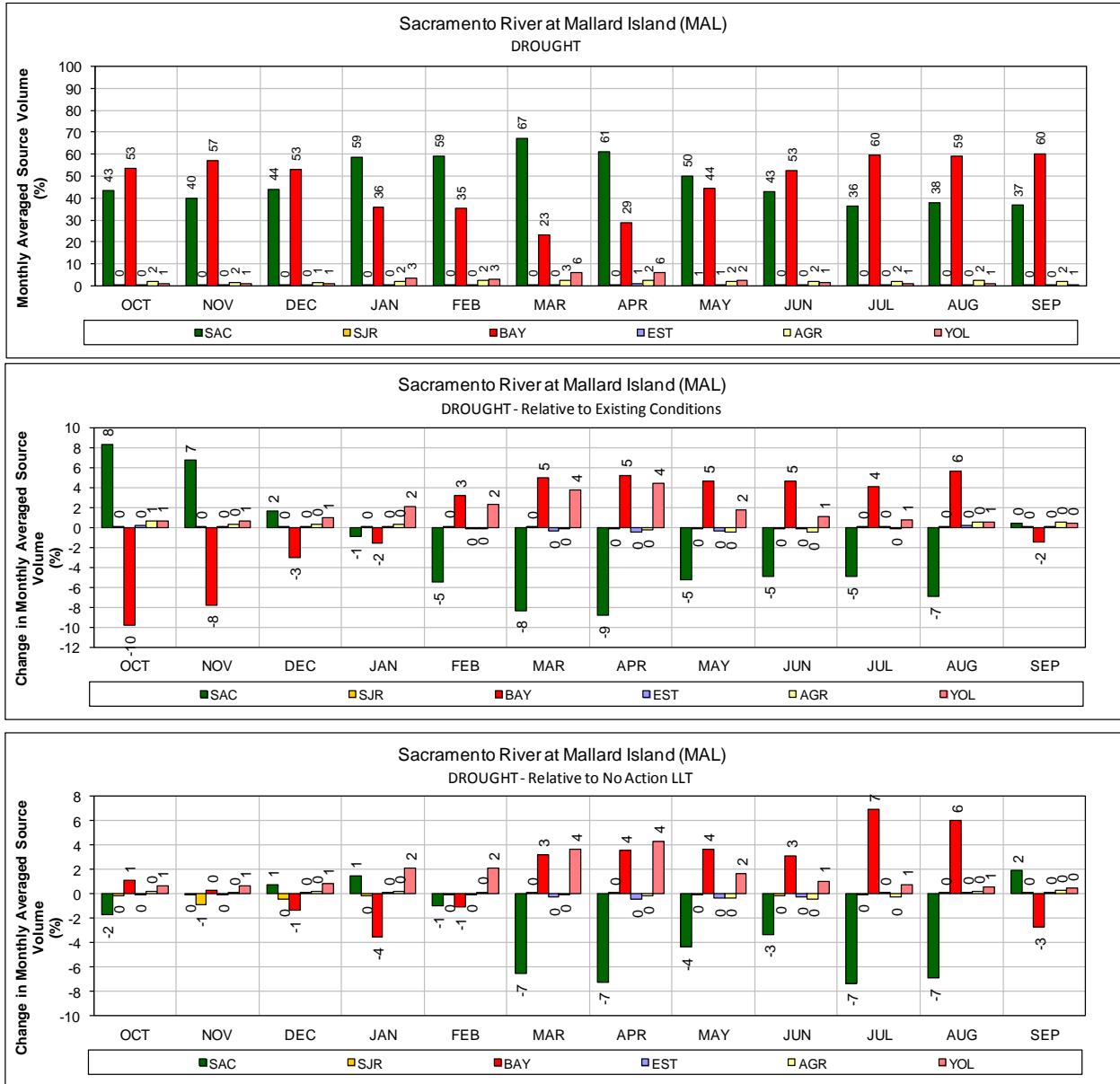
1 **Figure 33.ALT 1 – San Joaquin River at Antioch for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



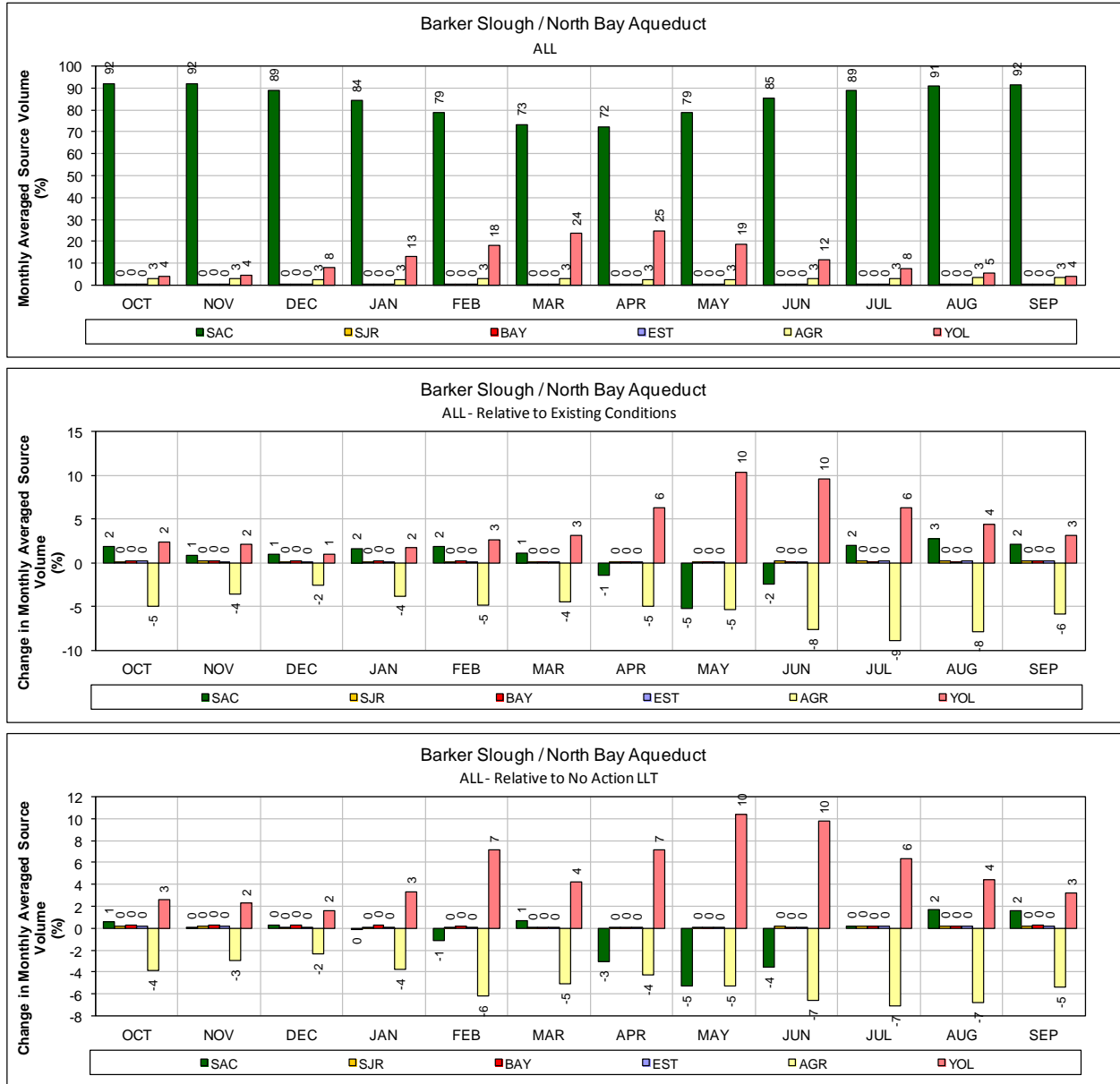
1 **Figure 34.ALT 1 – San Joaquin River at Antioch for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



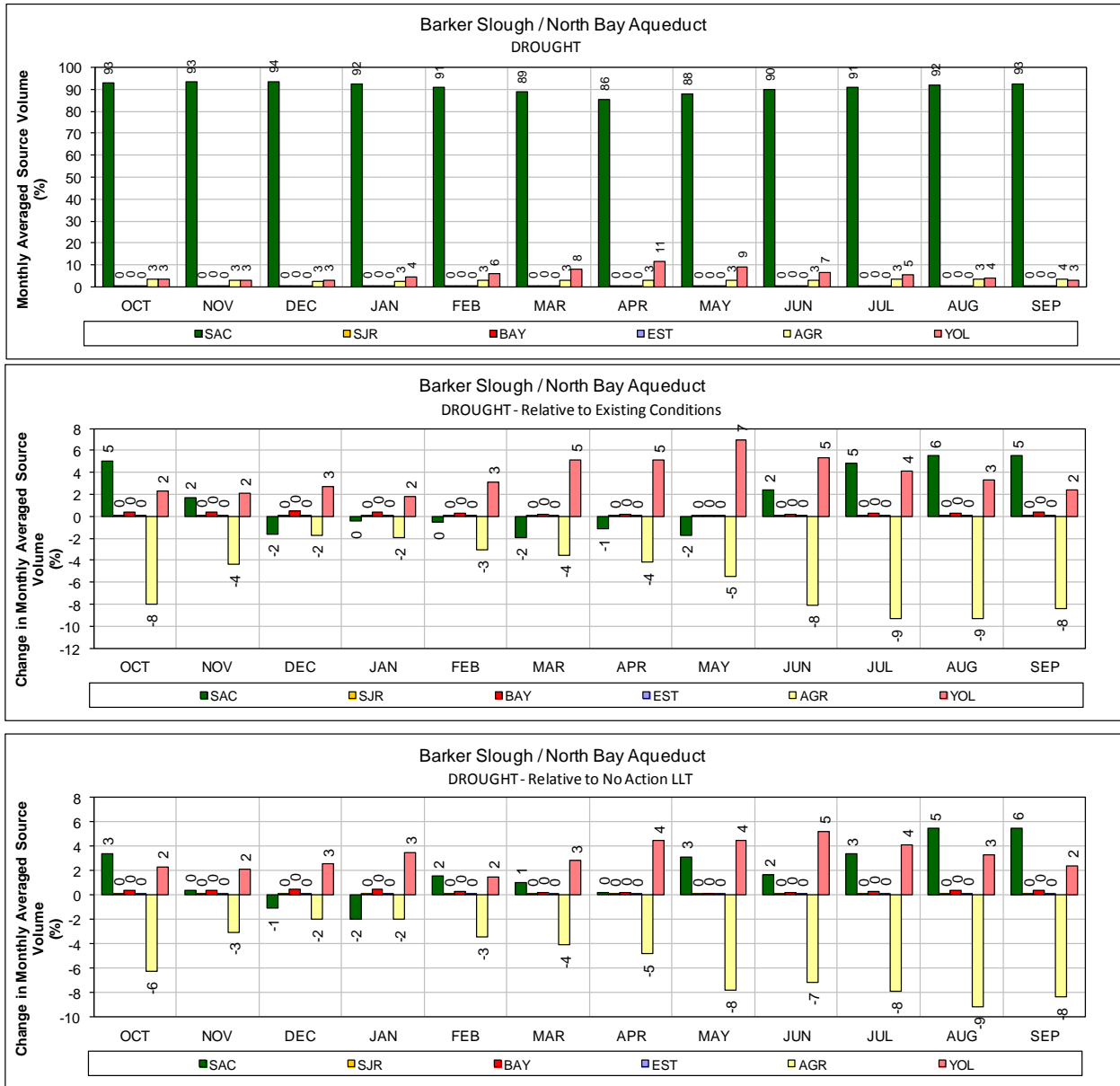
1 **Figure 35.ALT 1 – Sacramento River at Mallard Island for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



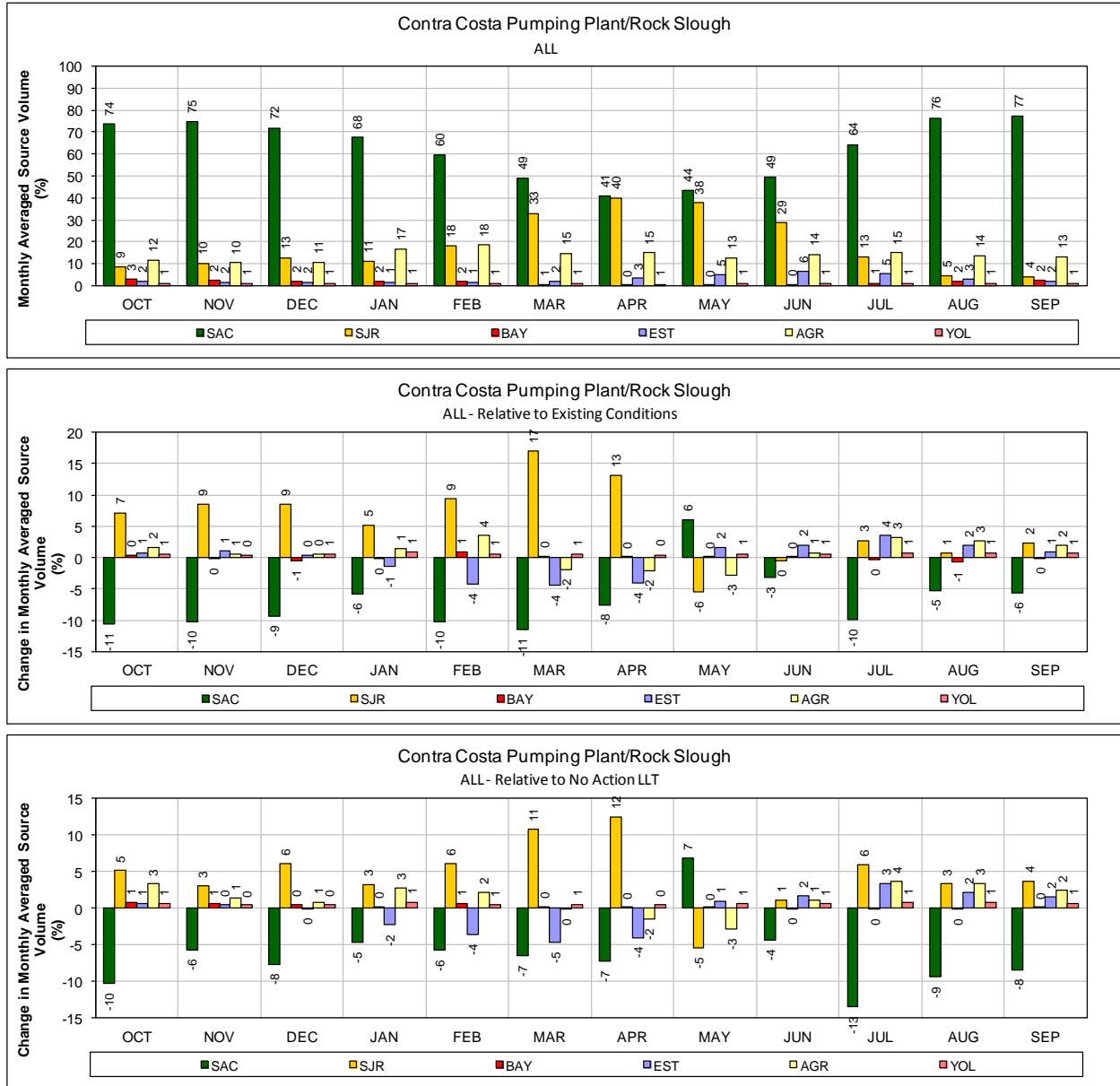
1 **Figure 36.ALT 1 – Sacramento River at Mallard Island for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



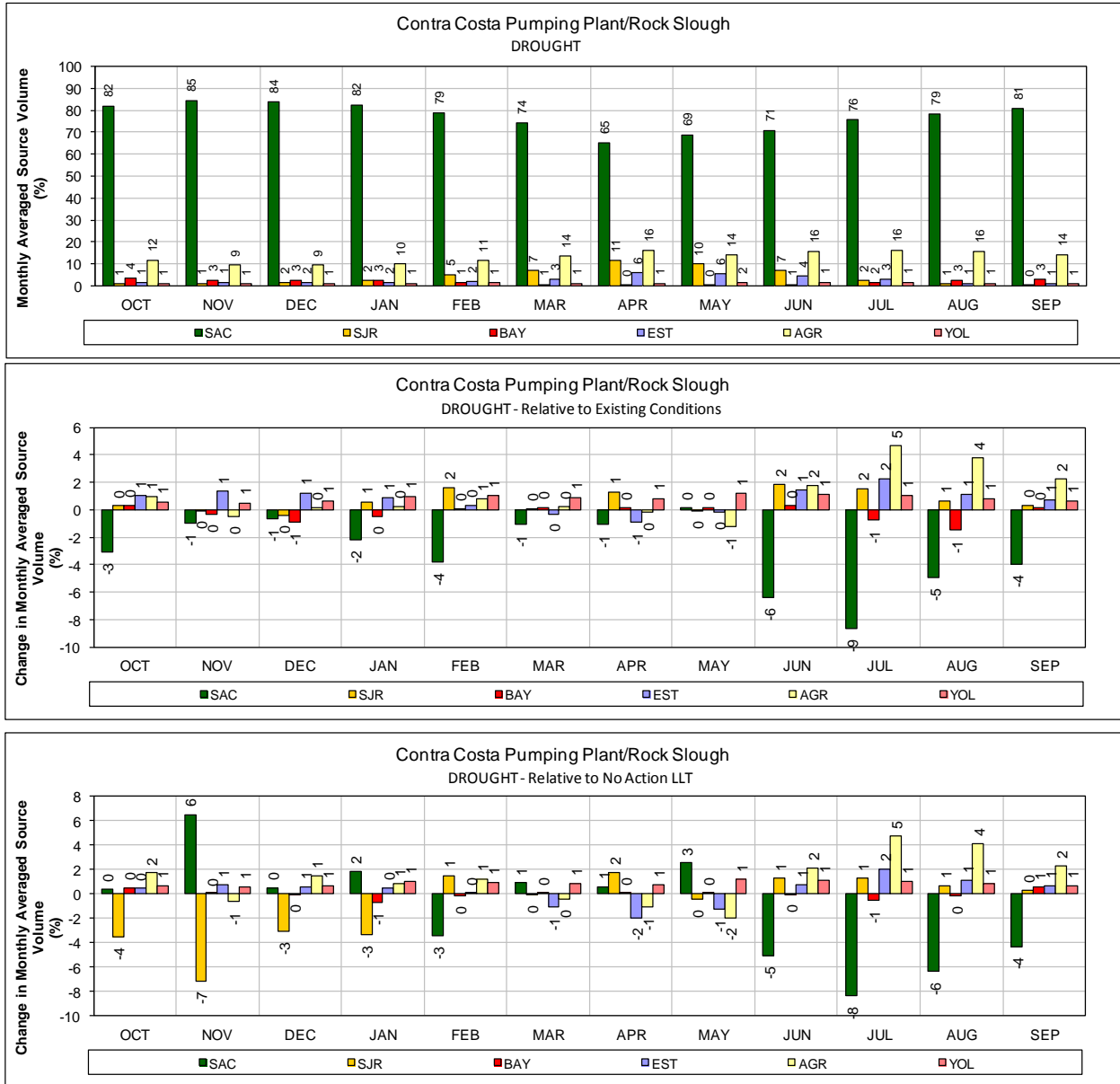
1 **Figure 37.ALT 1 – North Bay Aqueduct at Barker Slough Pumping Plant for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



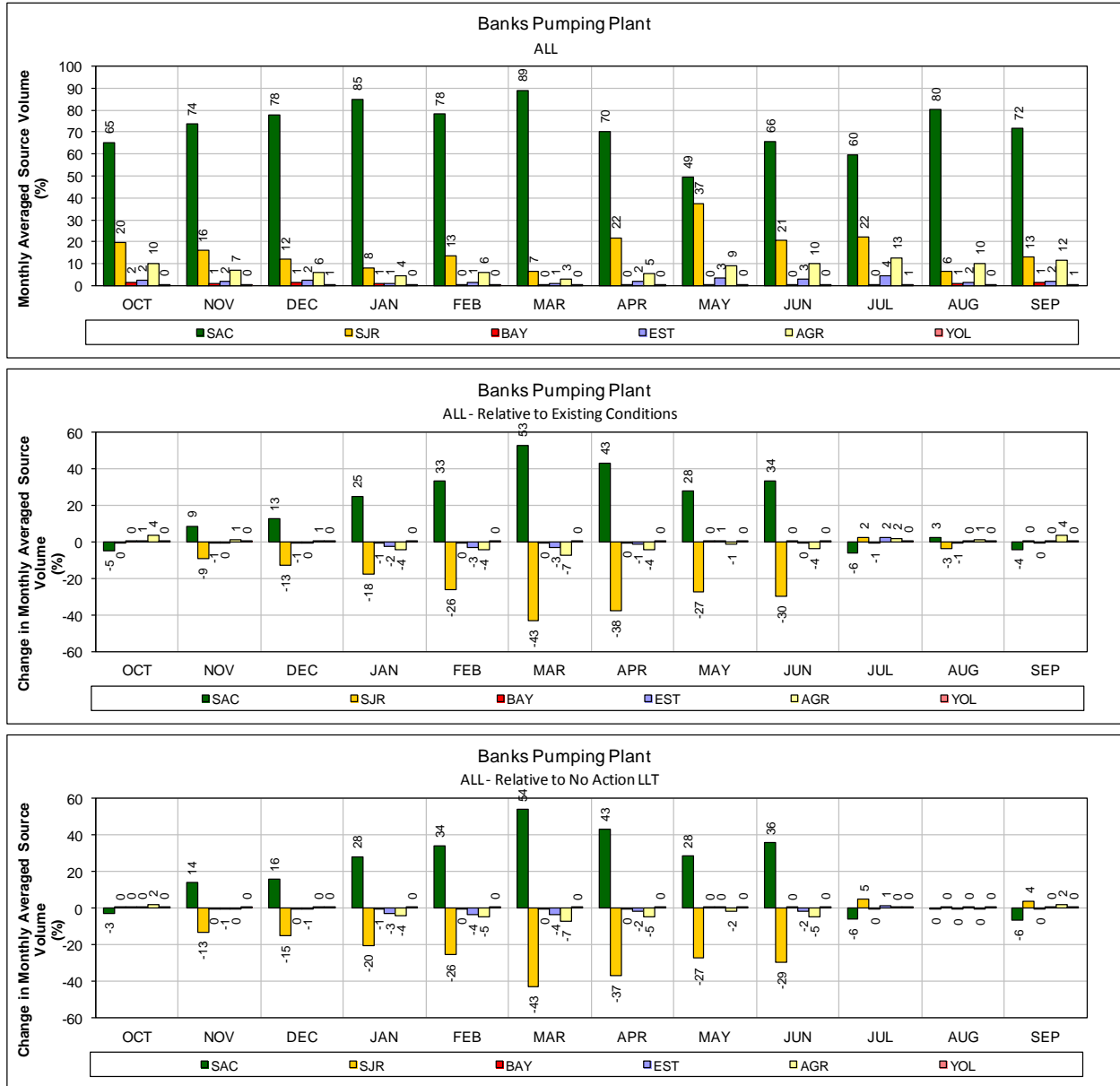
1 **Figure 38.ALT 1 – North Bay Aqueduct at Barker Slough Pumping Plant for DROUGHT years (1987-**
 2 **1991)**
 3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



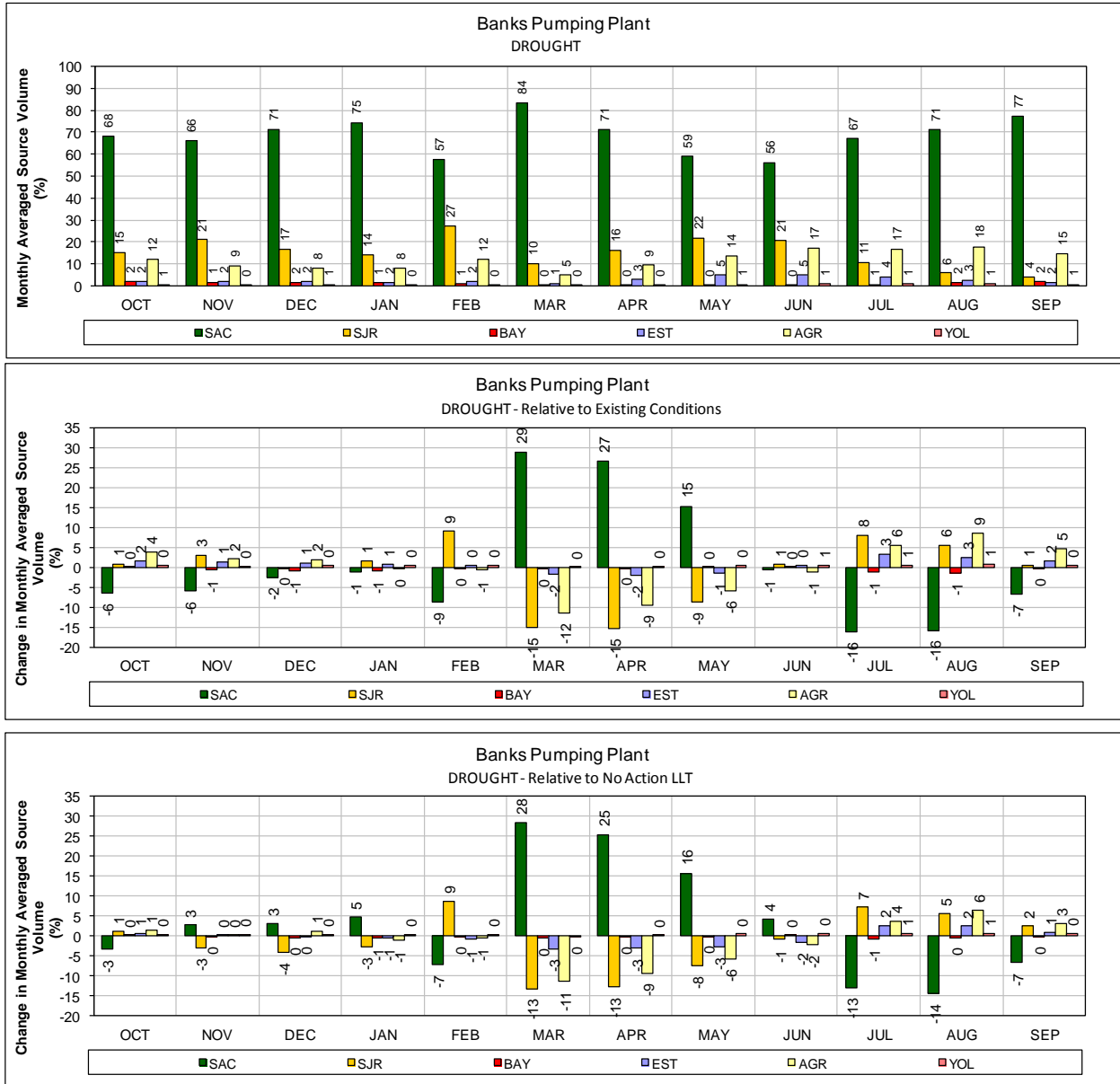
1 **Figure 39.ALT 1 – Contra Costa Pumping Plant #1 for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



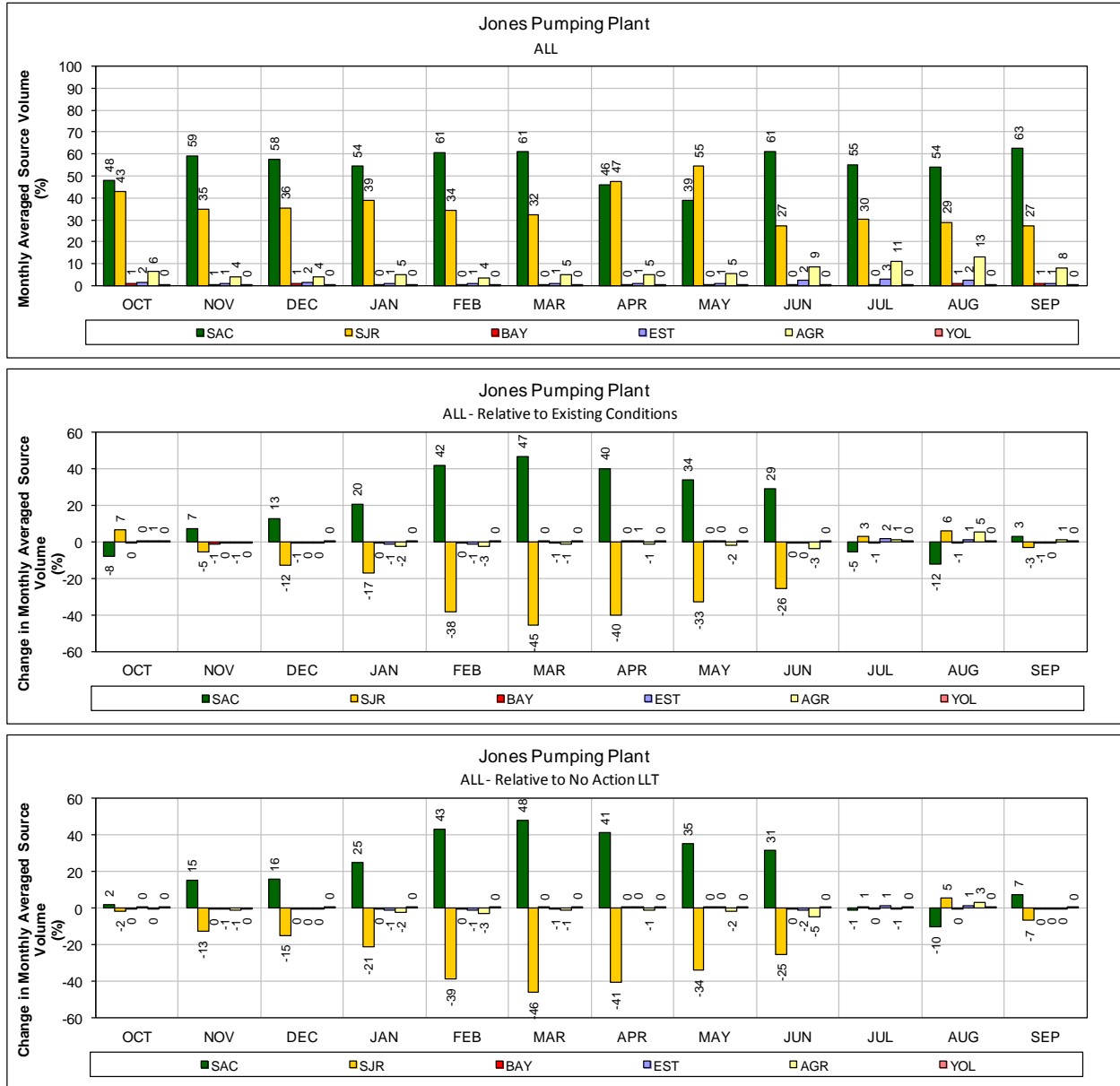
1 **Figure 40.ALT 1 – Contra Costa Pumping Plant #1 for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



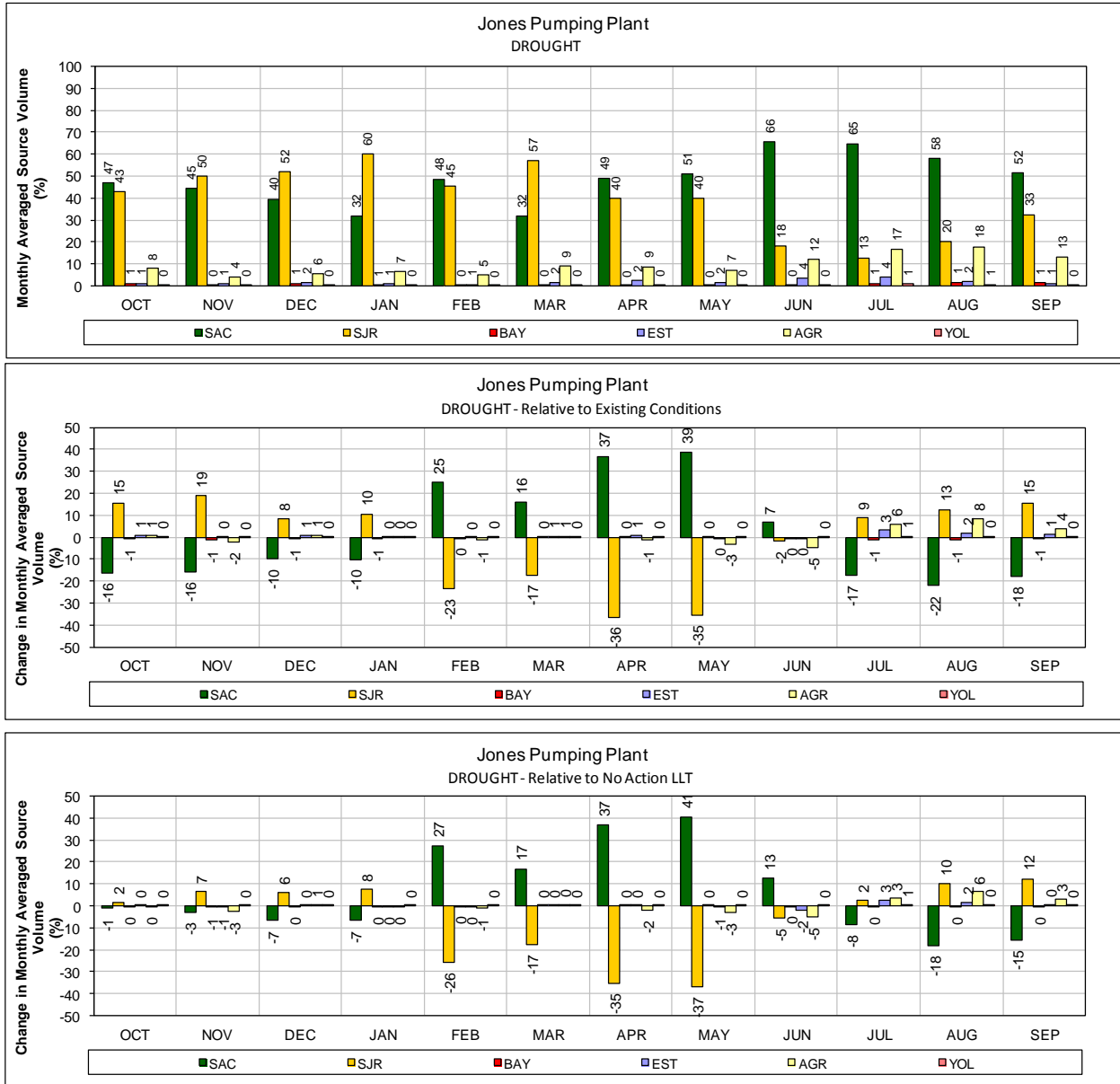
1 **Figure 41.ALT 1 – Banks Pumping Plant #1 for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



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).**

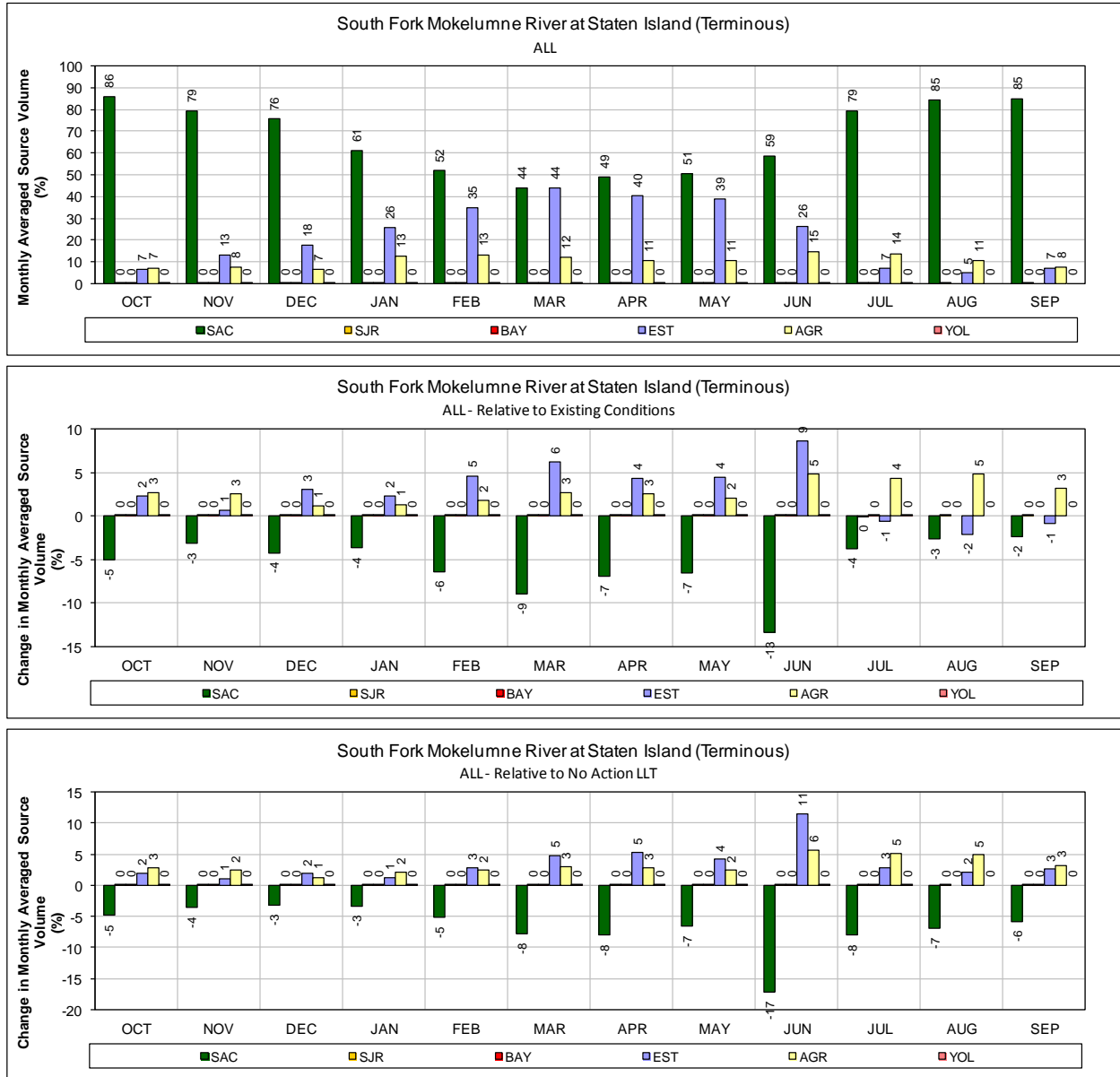


1 **Figure 44.ALT 1 – Jones Pumping Plant for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**

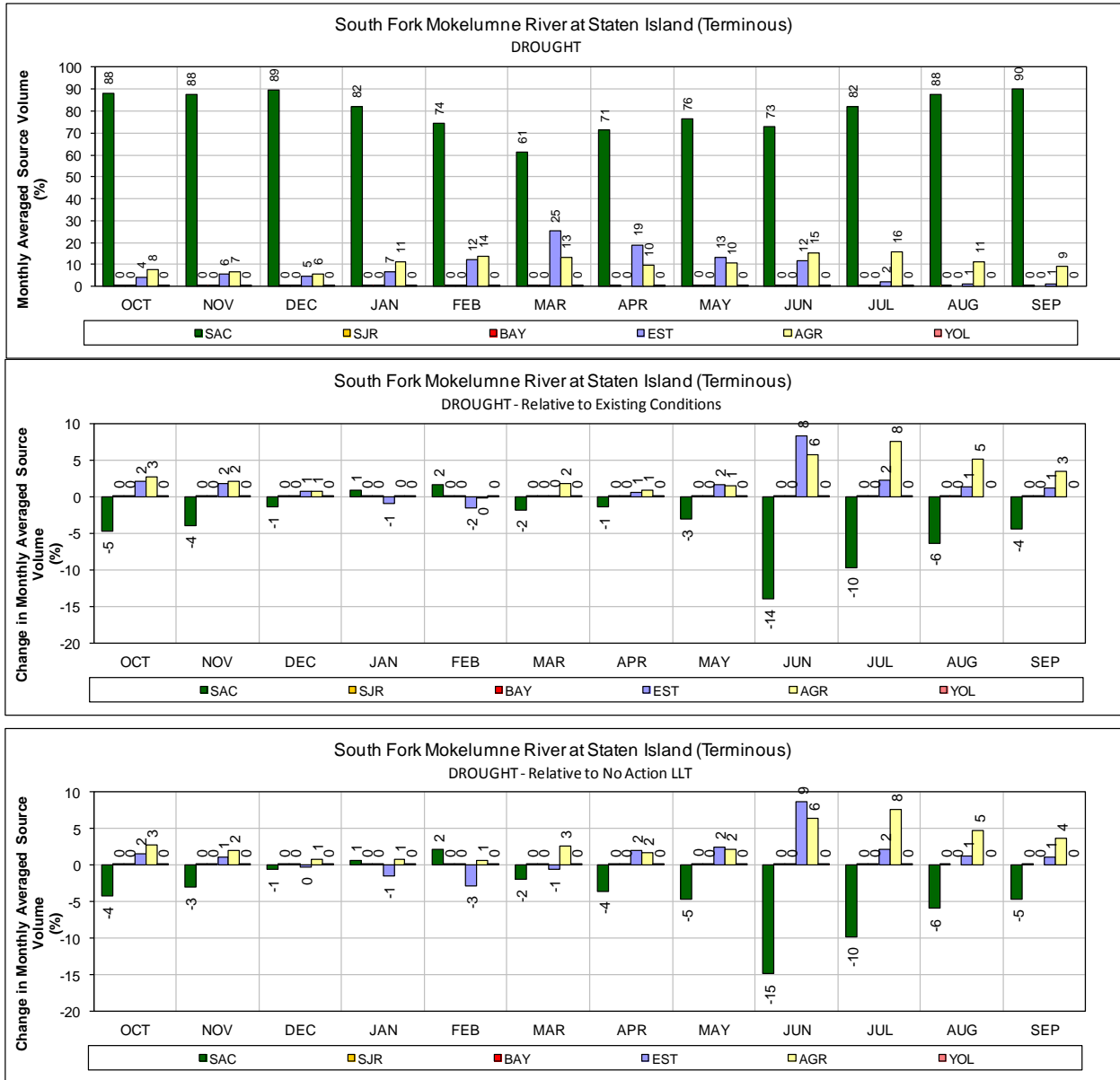
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Alternative 2 LLT

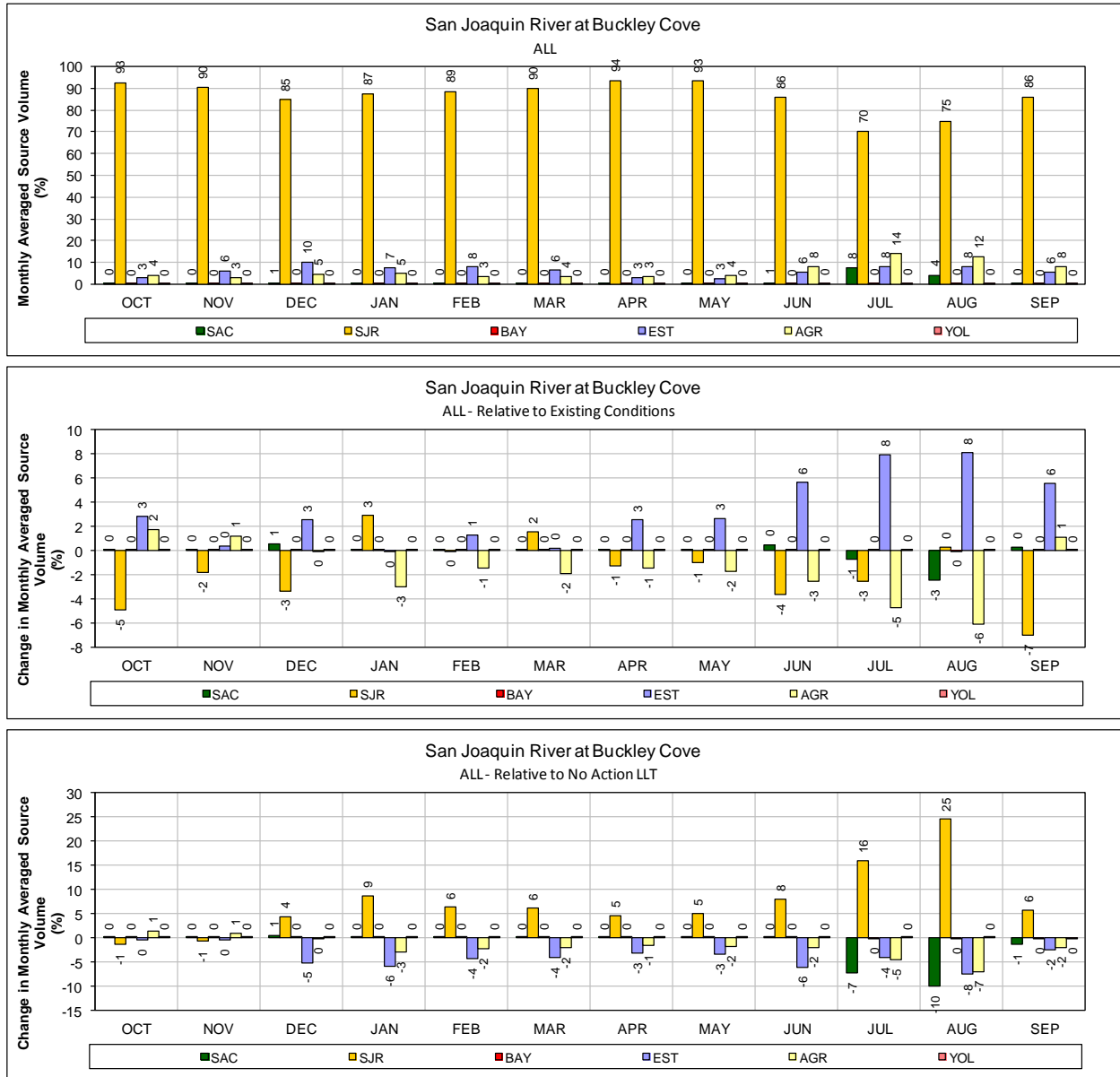
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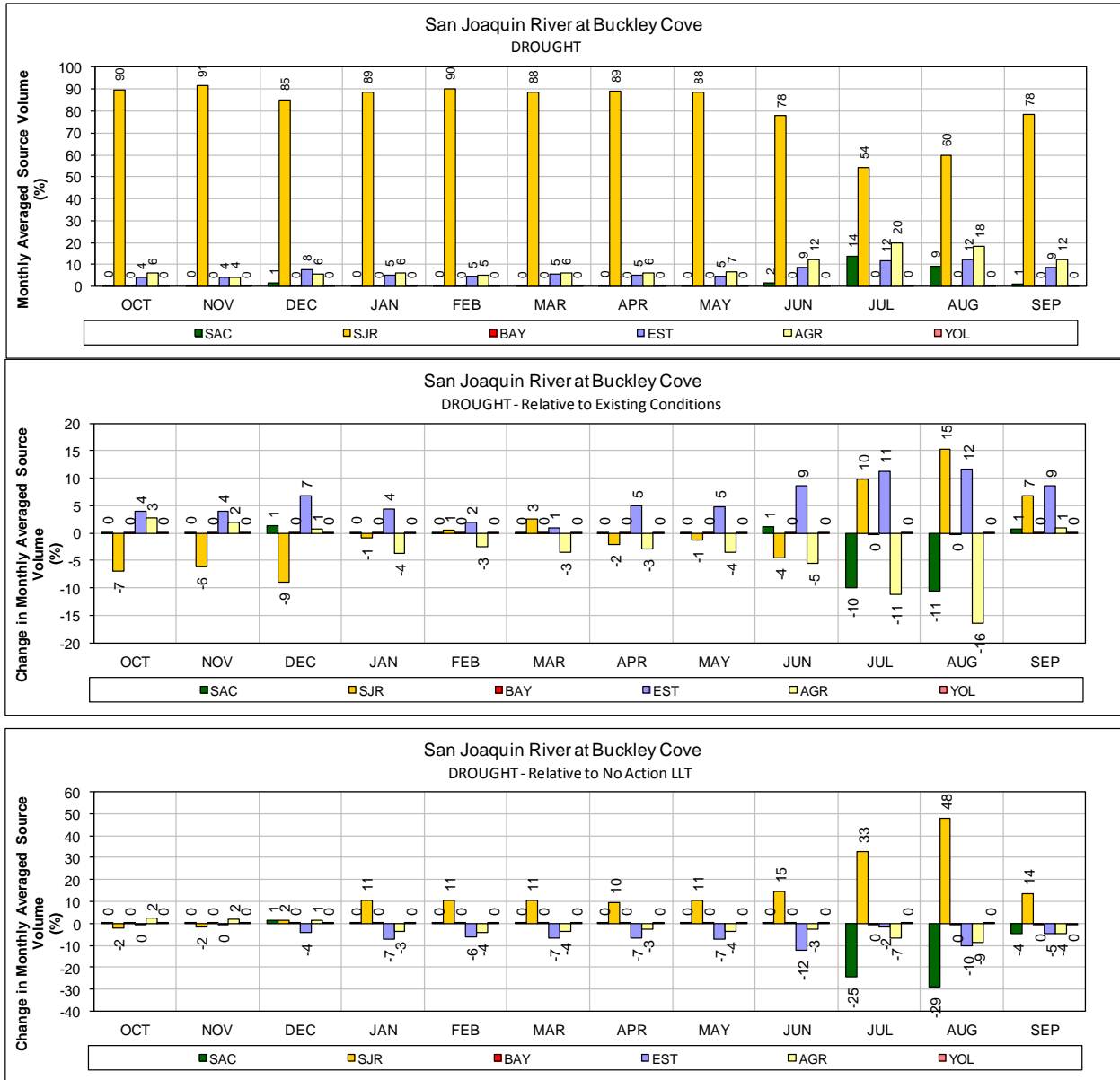
1 **Figure 45.ALT 2 – Mokelumne River (South Fork) at Staten Island for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



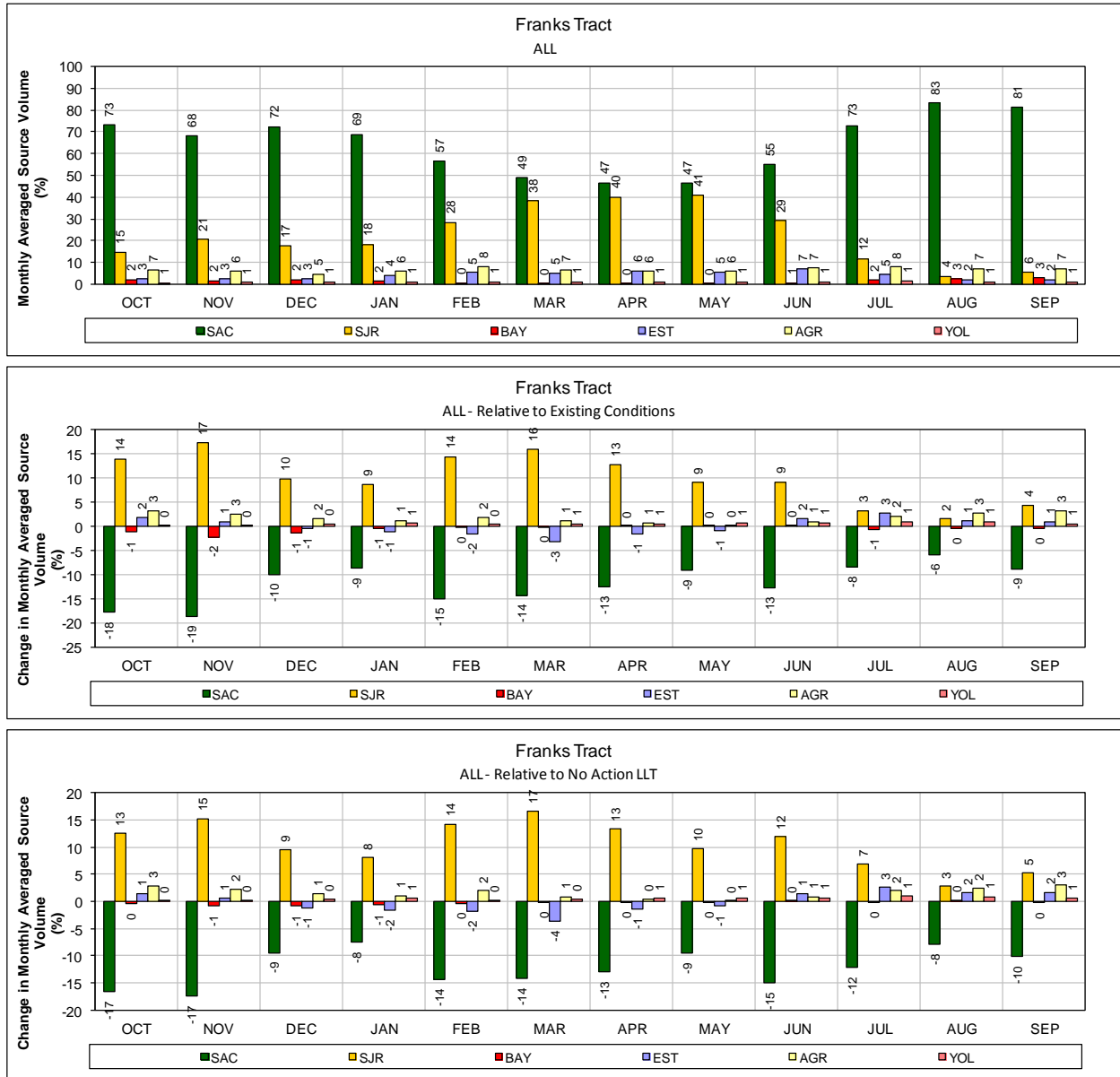
1 **Figure 46.ALT 2 – Mokelumne River (South Fork) at Staten Island for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



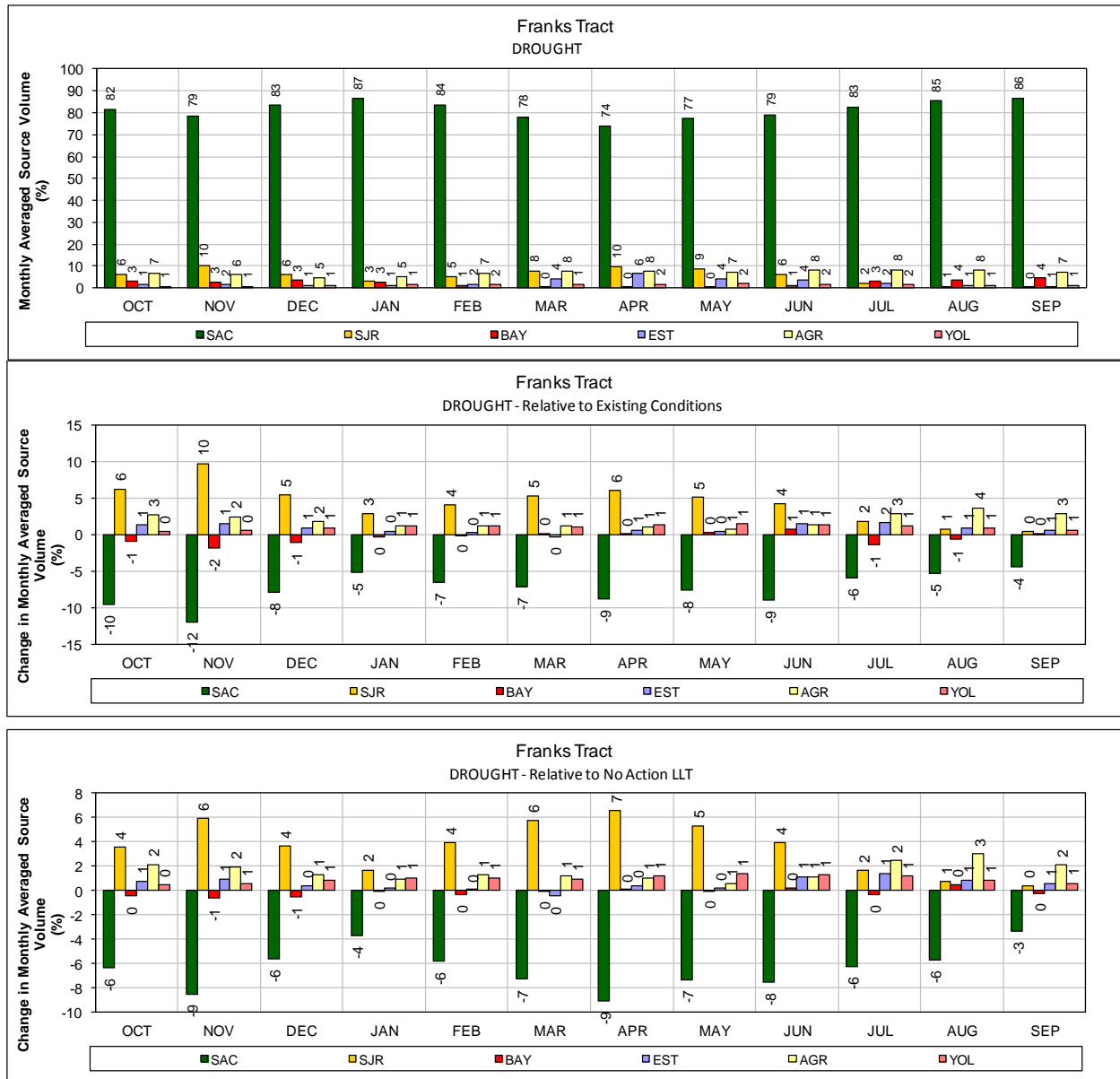
- 1 **Figure 47.ALT 2 – San Joaquin River at Buckley Cove for ALL years (1976-1991)**
- 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**
- 3



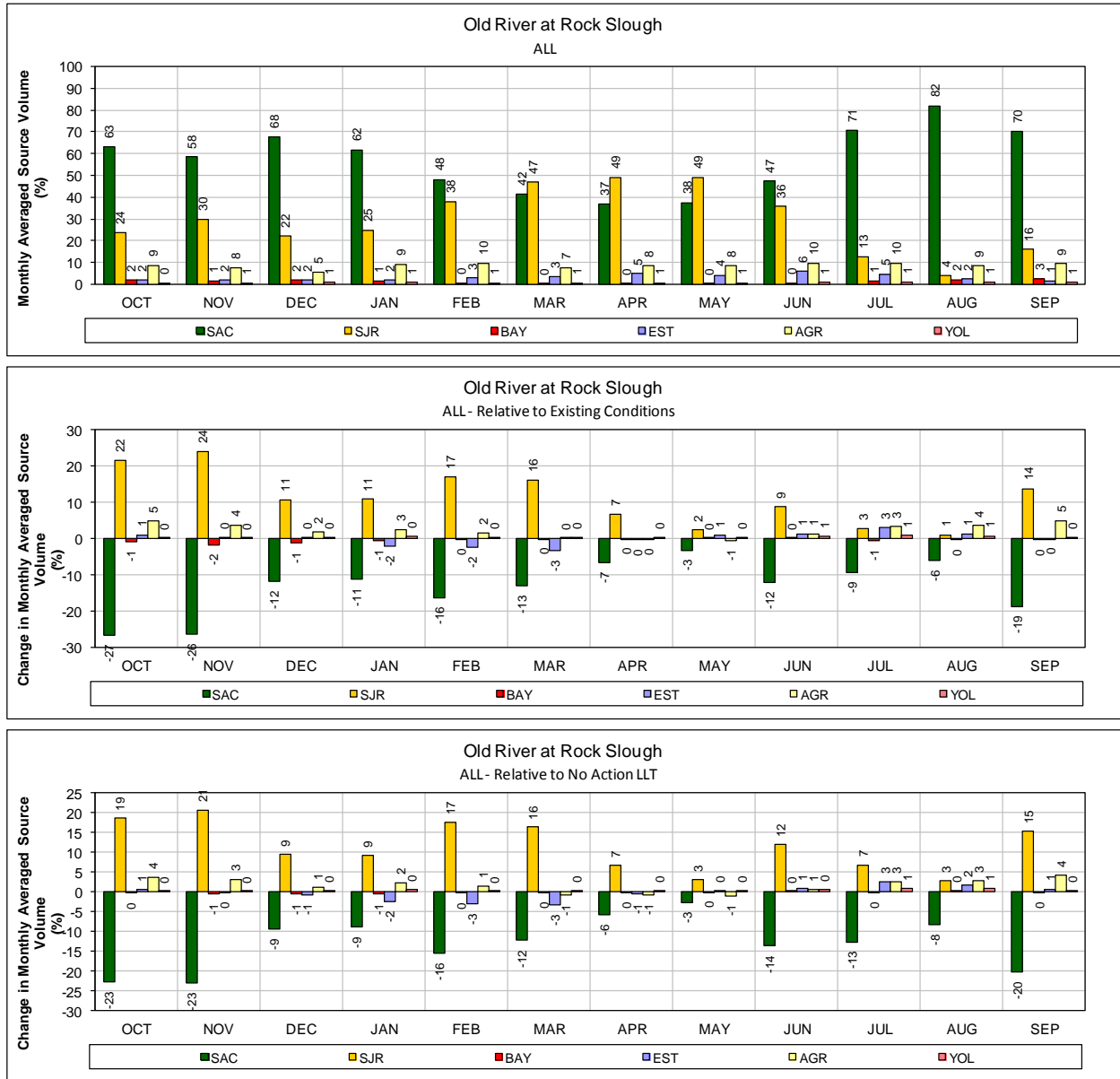
1 **Figure 48.ALT 2 – San Joaquin River at Buckley Cove for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



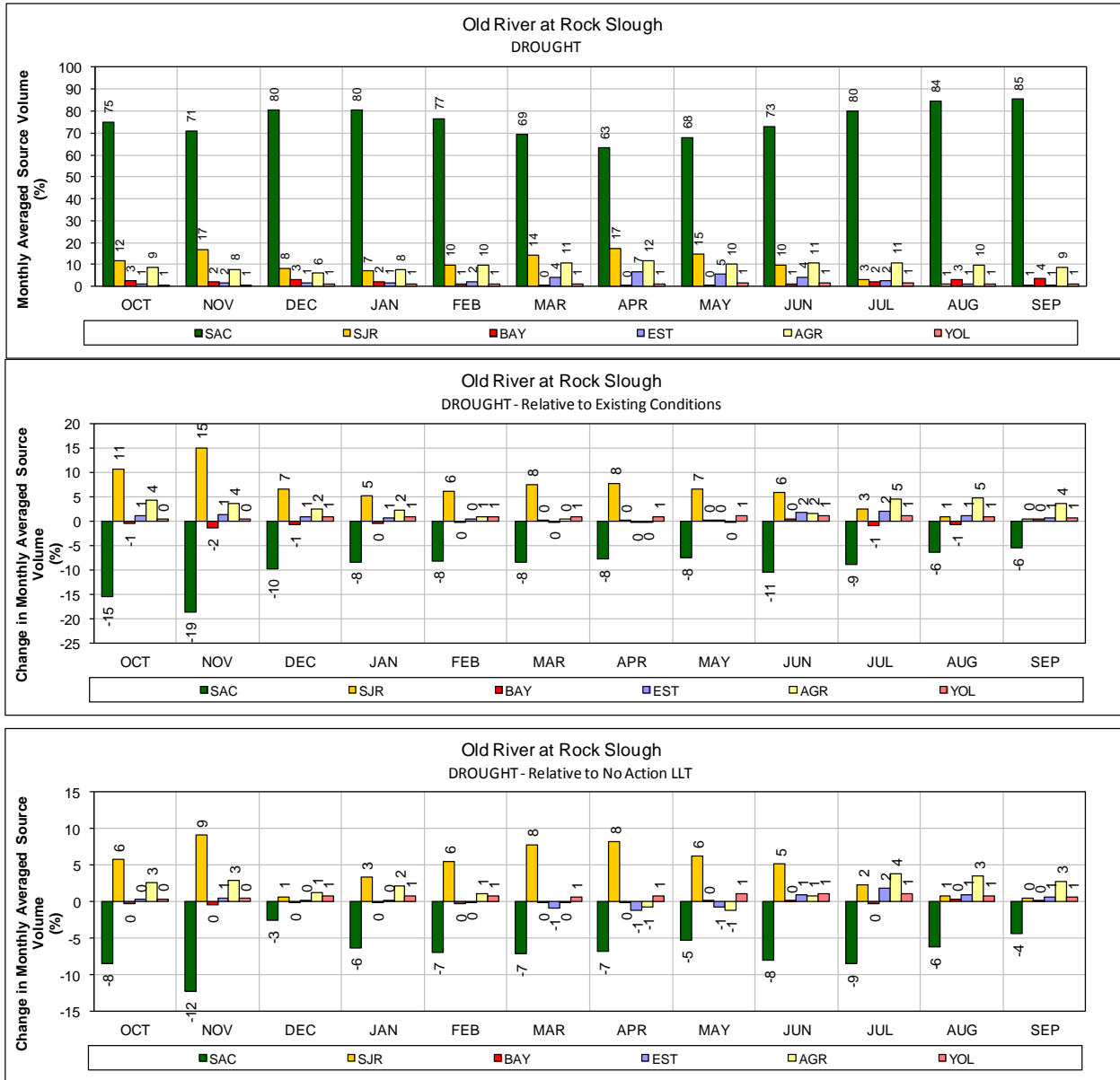
1 **Figure 49.ALT 2 – Franks Tract for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**
 3



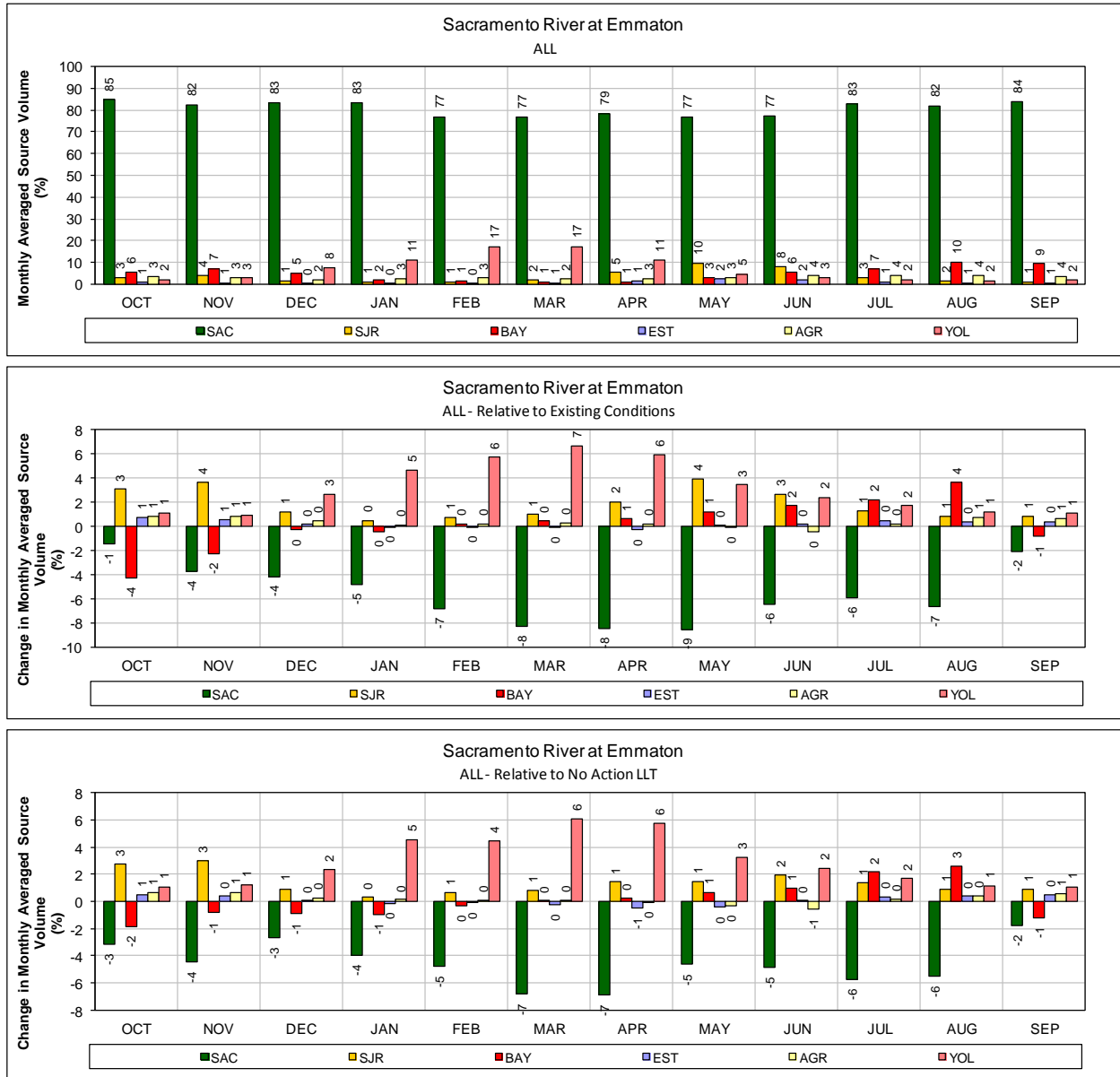
1 **Figure 50.ALT 2 – Franks Tract for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



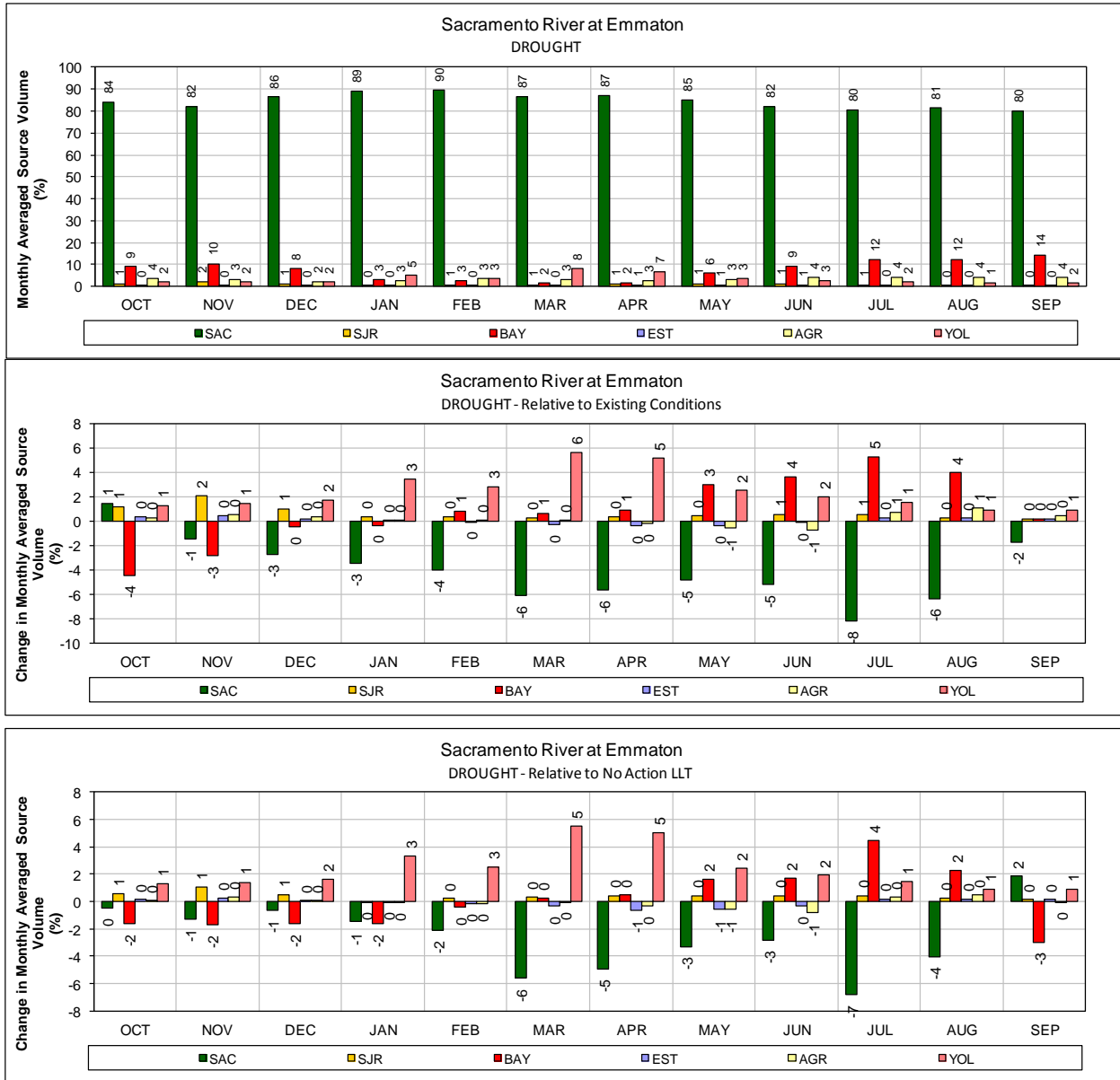
- 1 **Figure 51.ALT 2 – Old River at Rock Slough for ALL years (1976-1991)**
- 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**
- 3



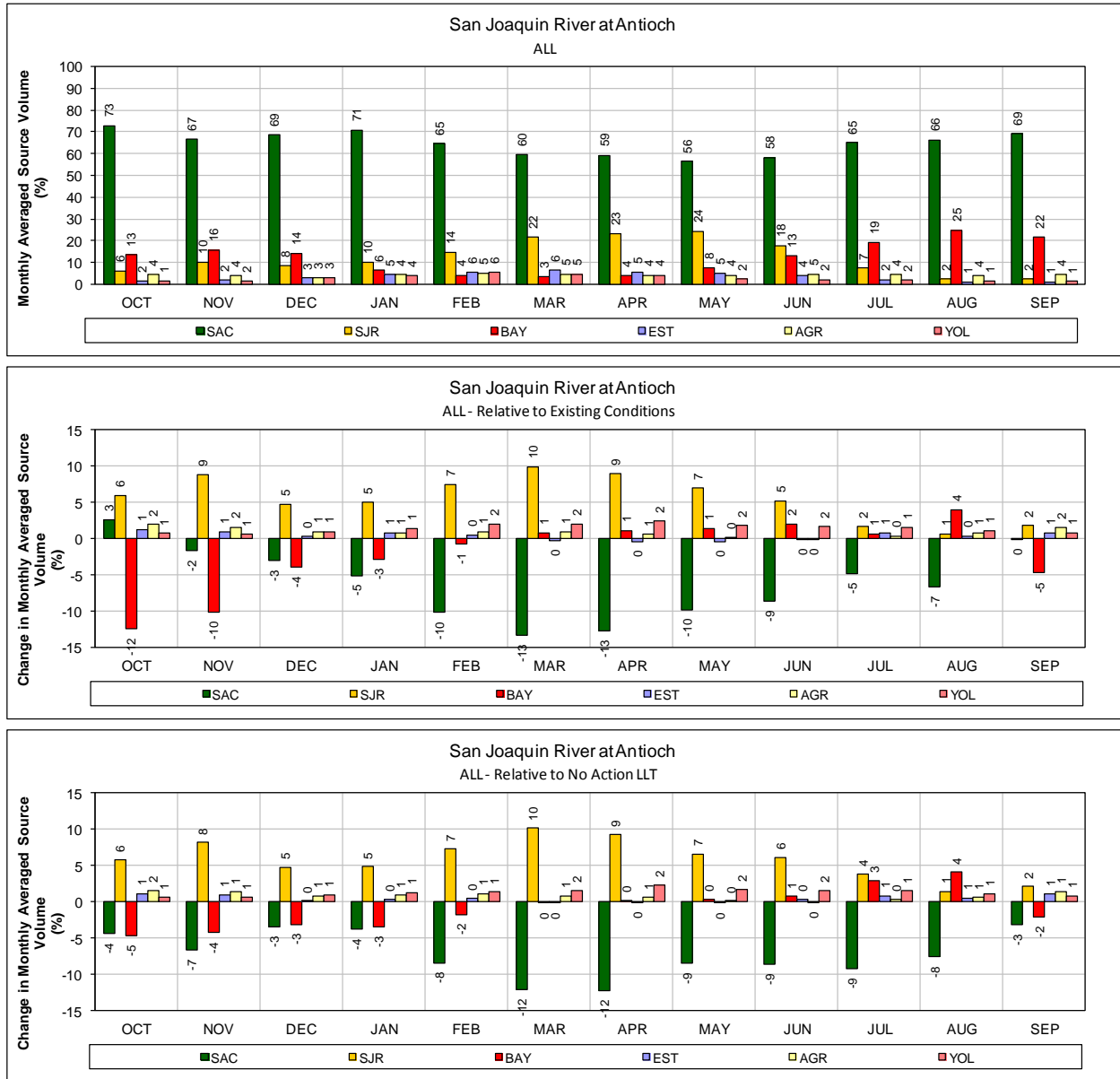
1 **Figure 52.ALT 2 – Old River at Rock Slough for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



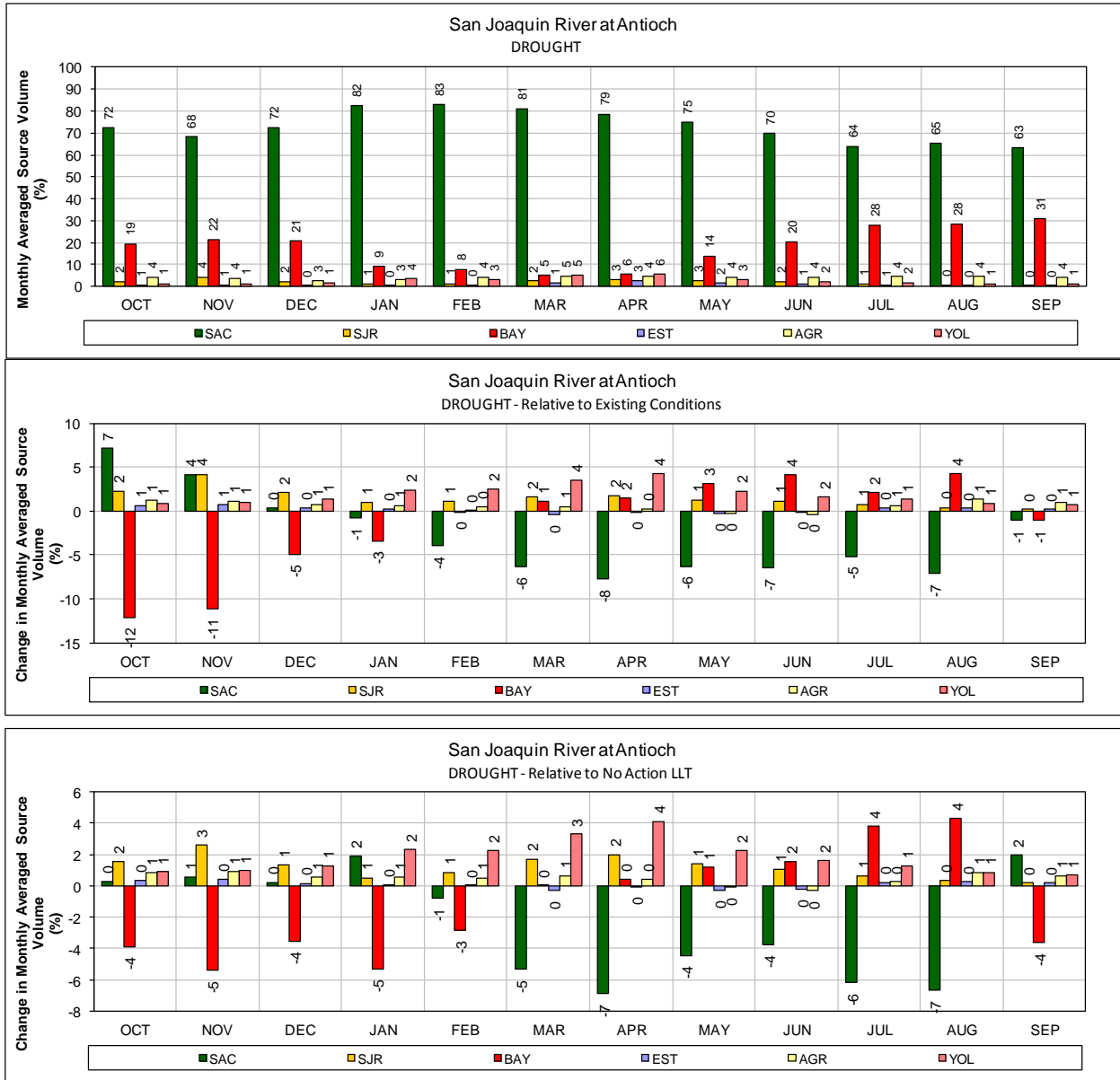
- 1 **Figure 53.ALT 2 – Sacramento River at Emmaton for ALL years (1976-1991)**
- 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**
- 3



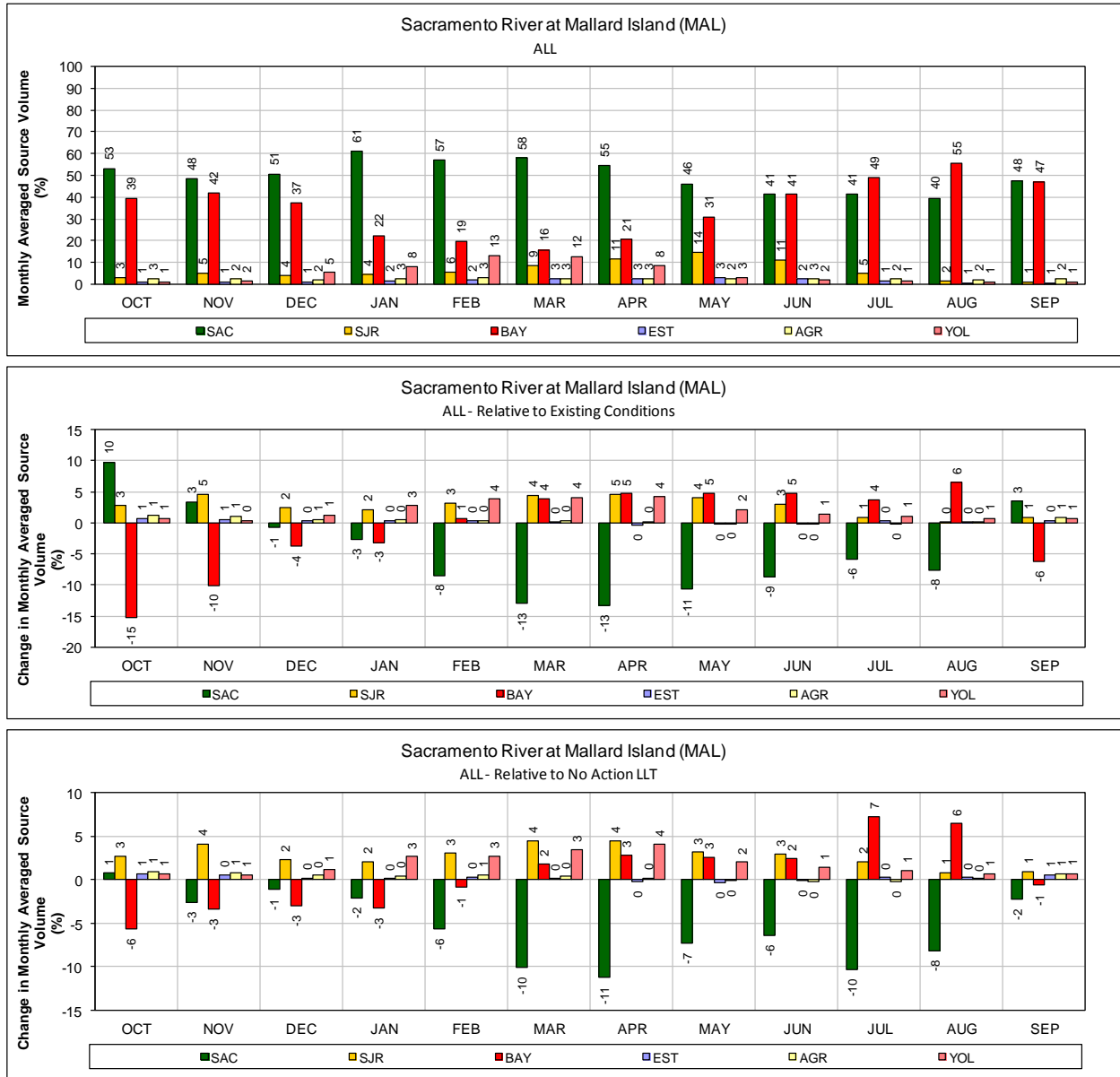
1 **Figure 54.ALT 2 – Sacramento River at Emmaton for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



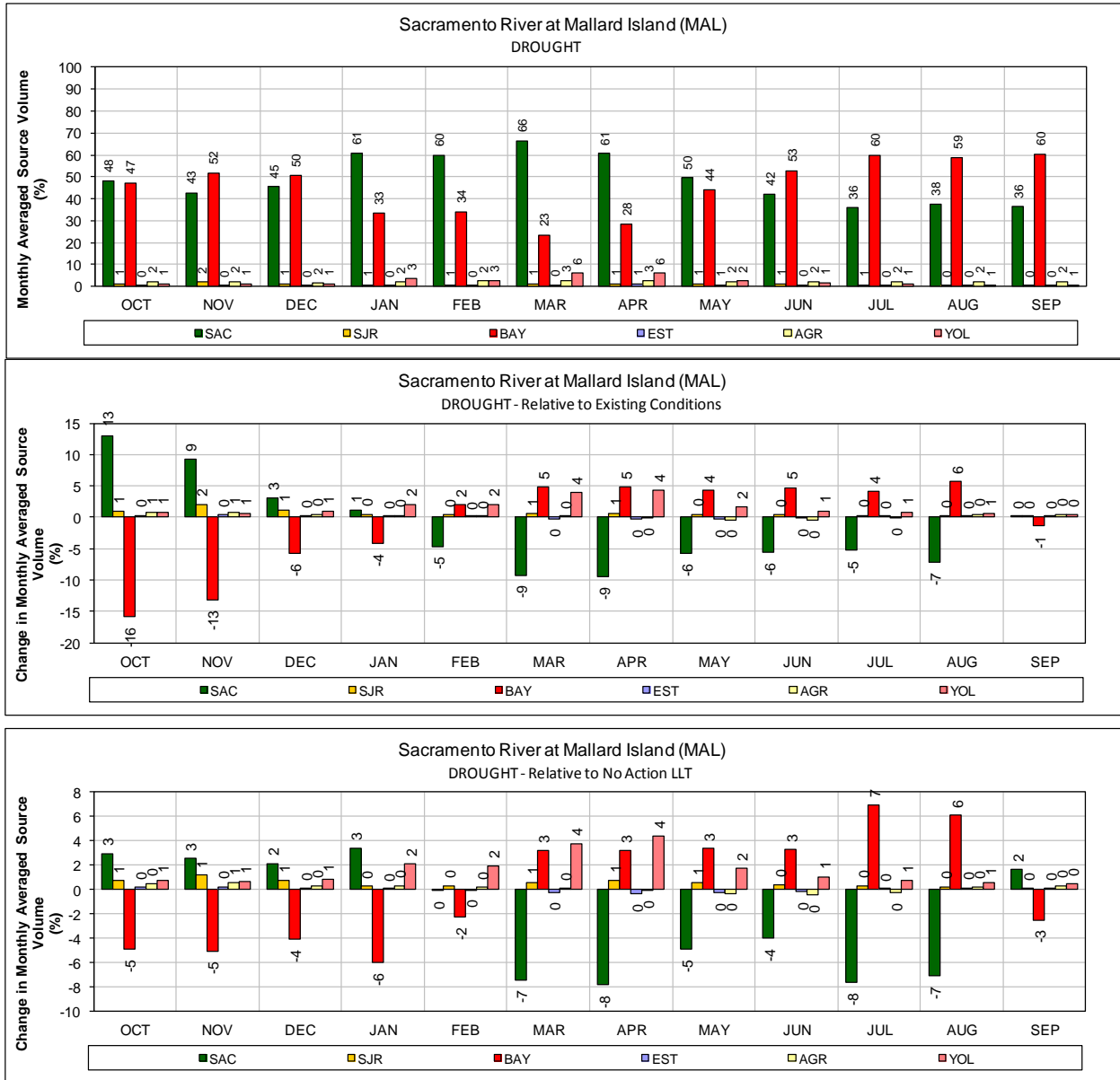
- 1 **Figure 55.ALT 2 – San Joaquin River at Antioch for ALL years (1976-1991)**
- 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**
- 3



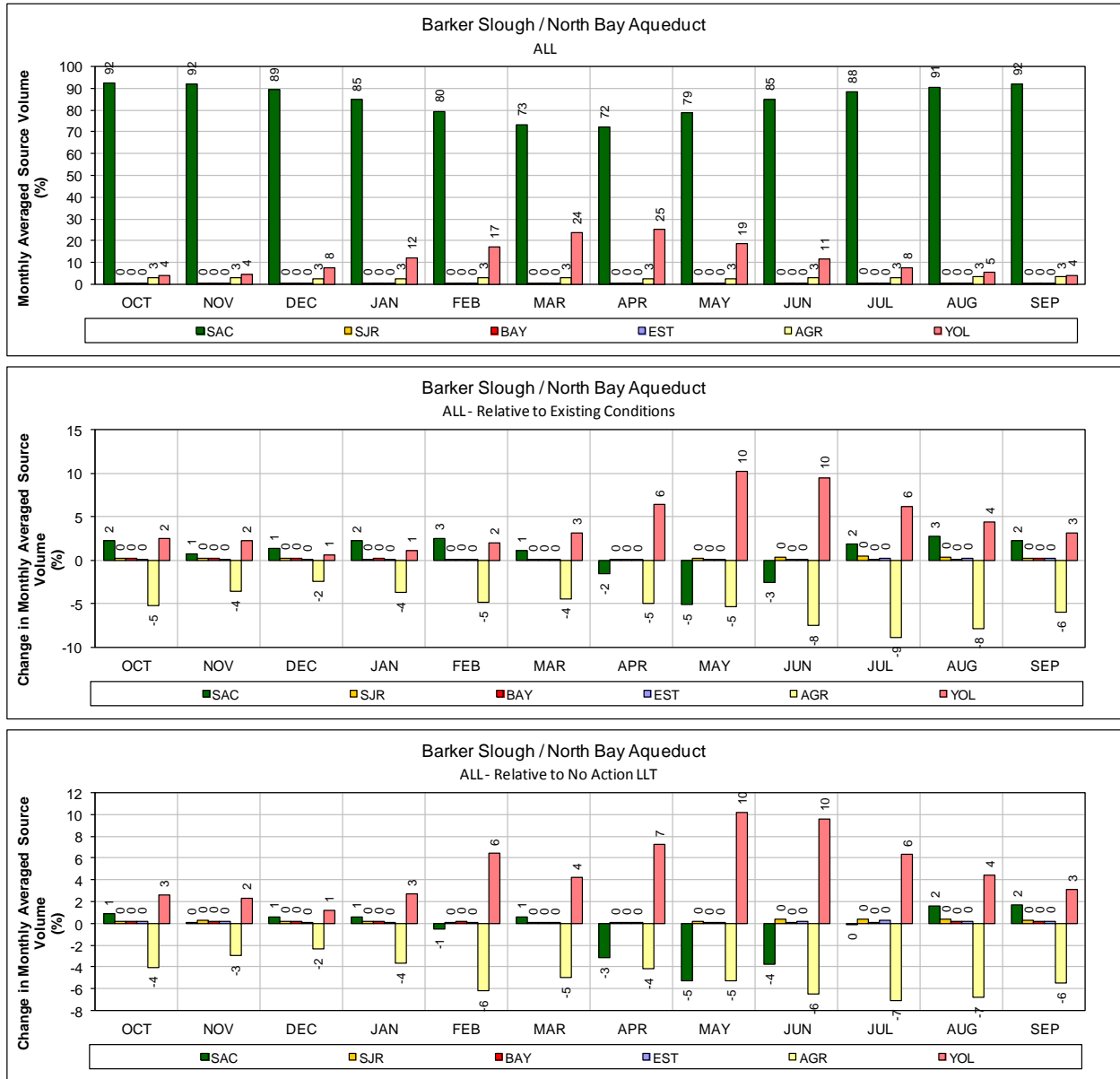
1 **Figure 56.ALT 2 – San Joaquin River at Antioch for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



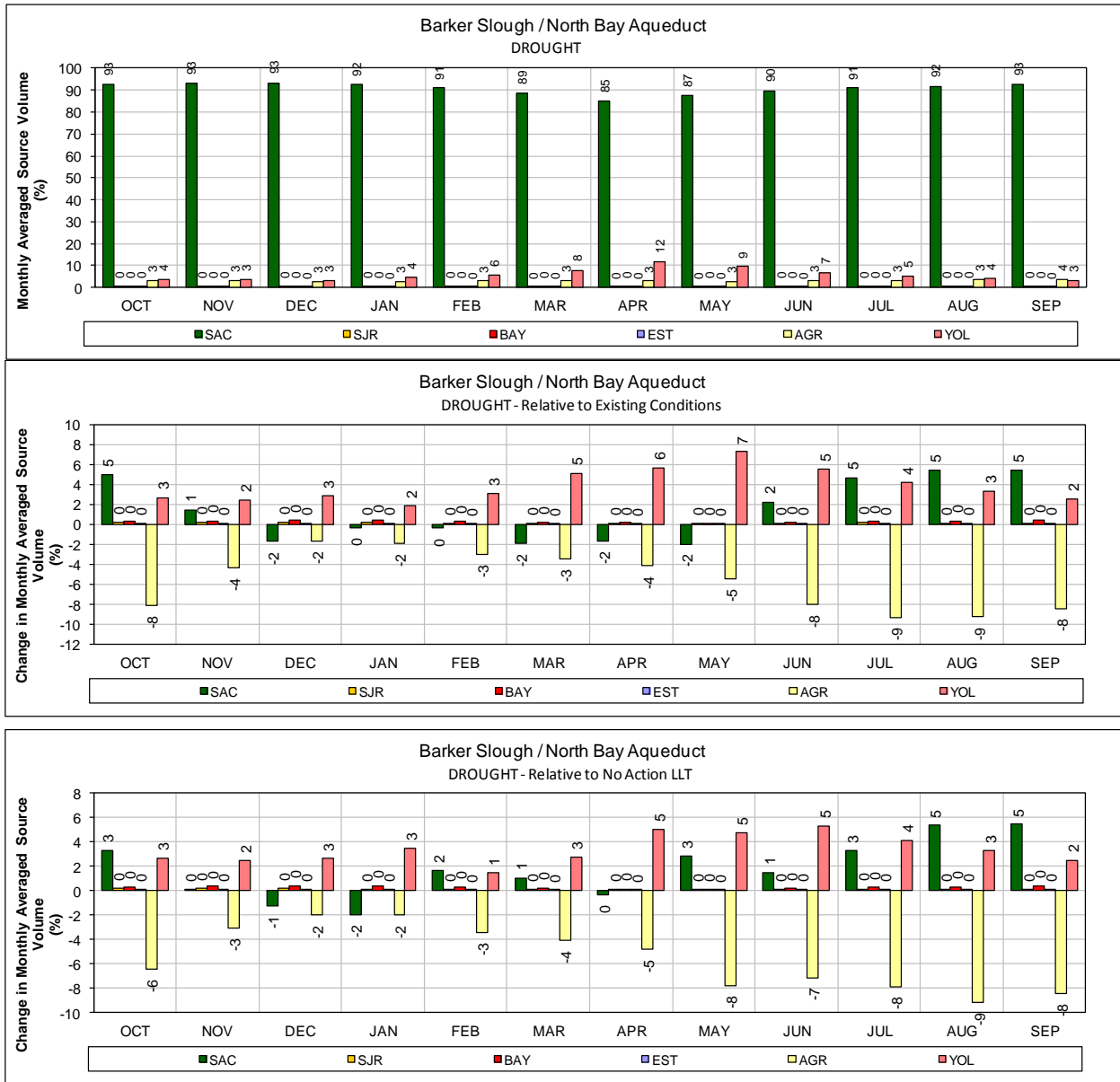
1 **Figure 57.ALT 2 – Sacramento River at Mallard Island for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



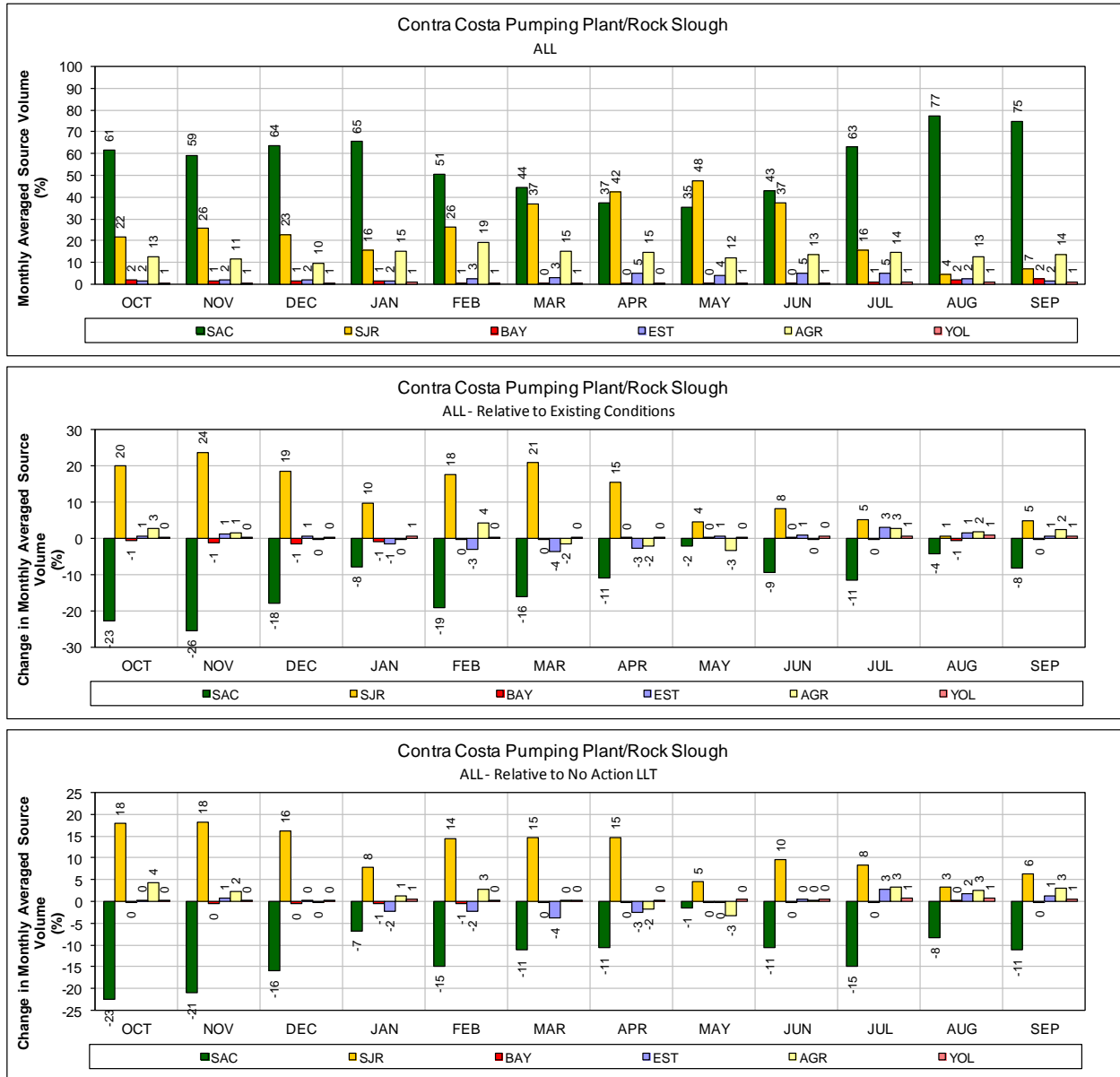
1 **Figure 58.ALT 2 – Sacramento River at Mallard Island for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



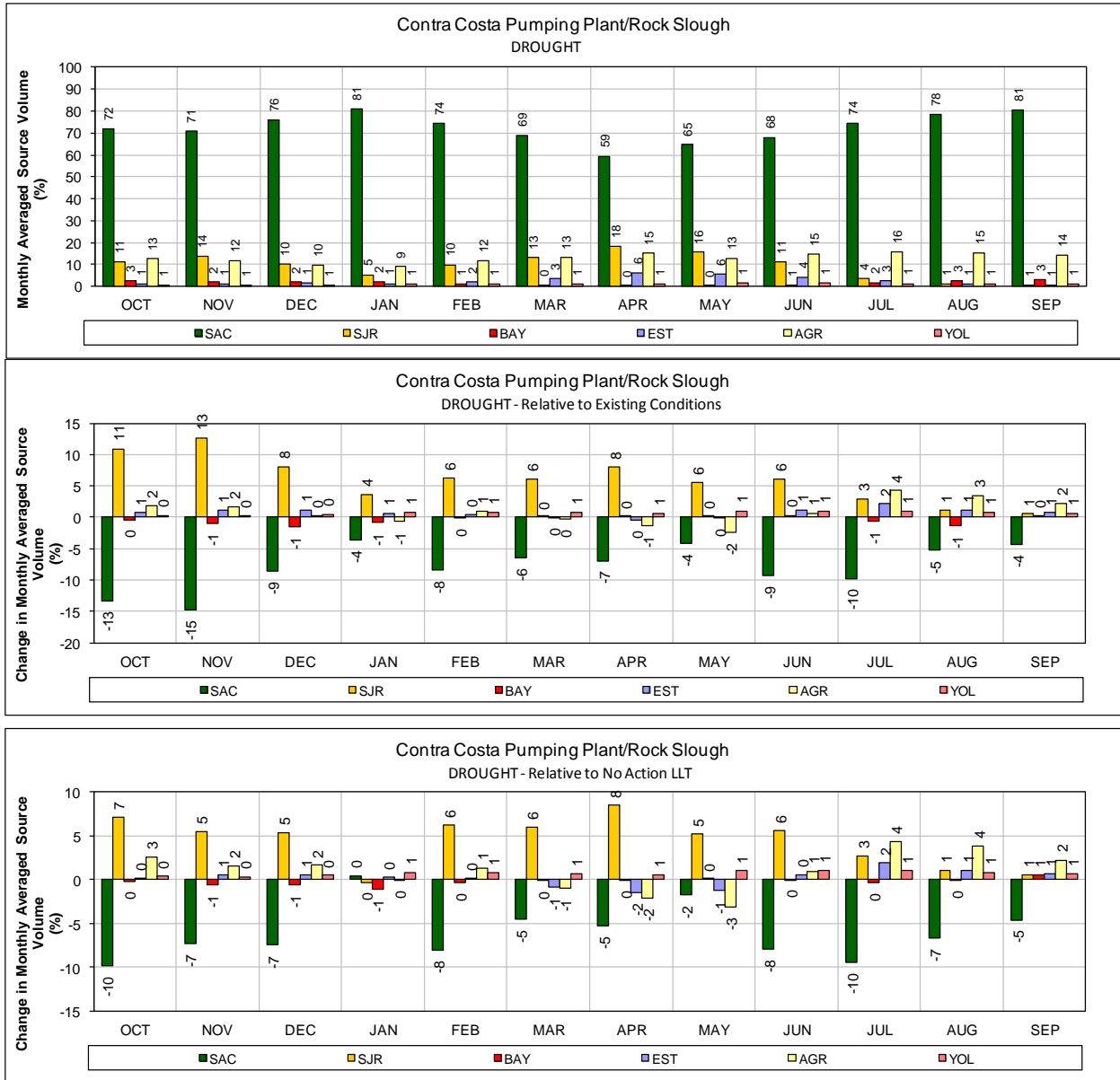
- 1 **Figure 59.ALT 2 – North Bay Aqueduct at Barker Slough Pumping Plant for ALL years (1976-1991)**
- 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**
- 3



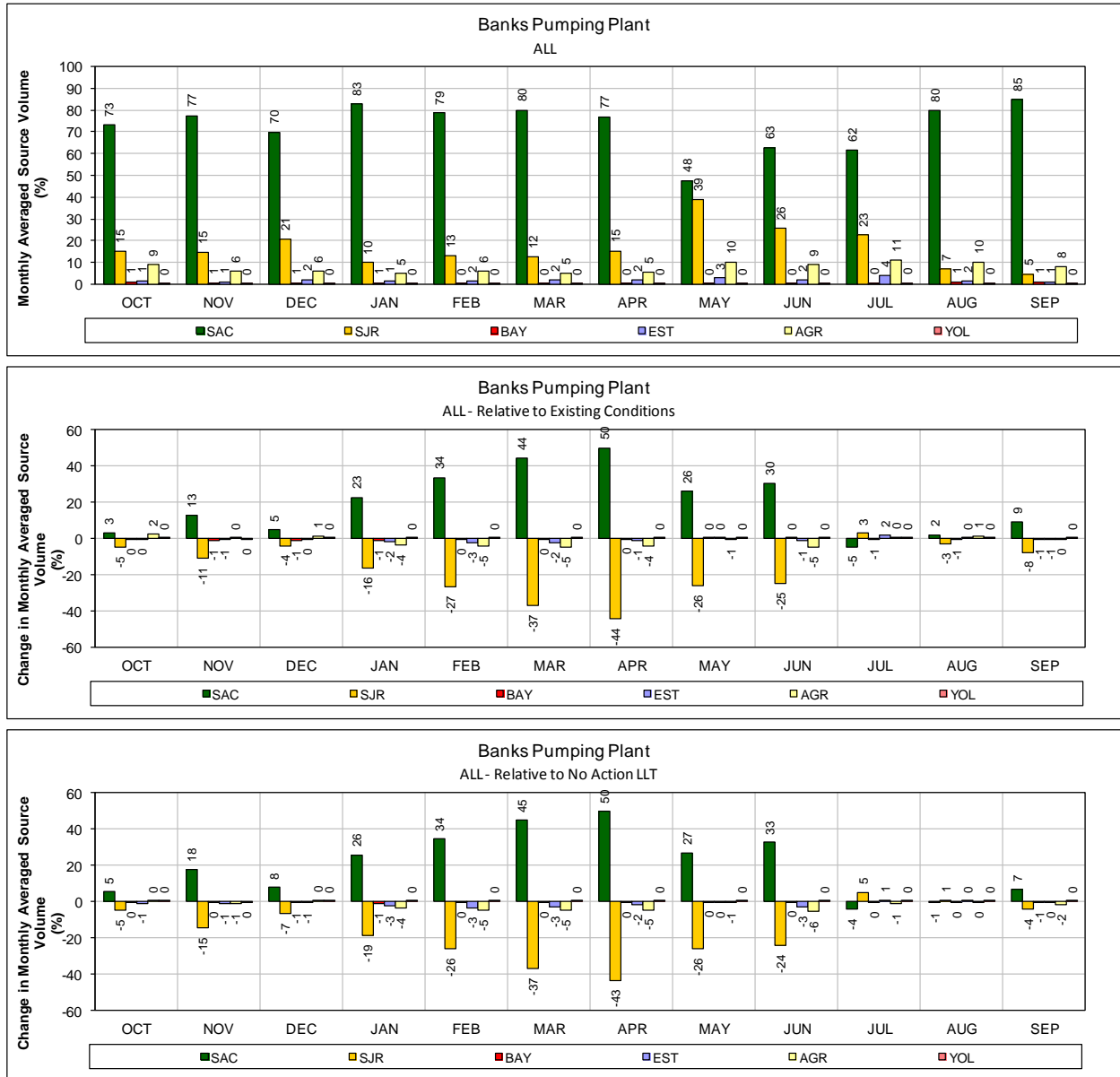
1 **Figure 60.ALT 2 – North Bay Aqueduct at Barker Slough Pumping Plant for DROUGHT years (1987-**
 2 **1991)**
 3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



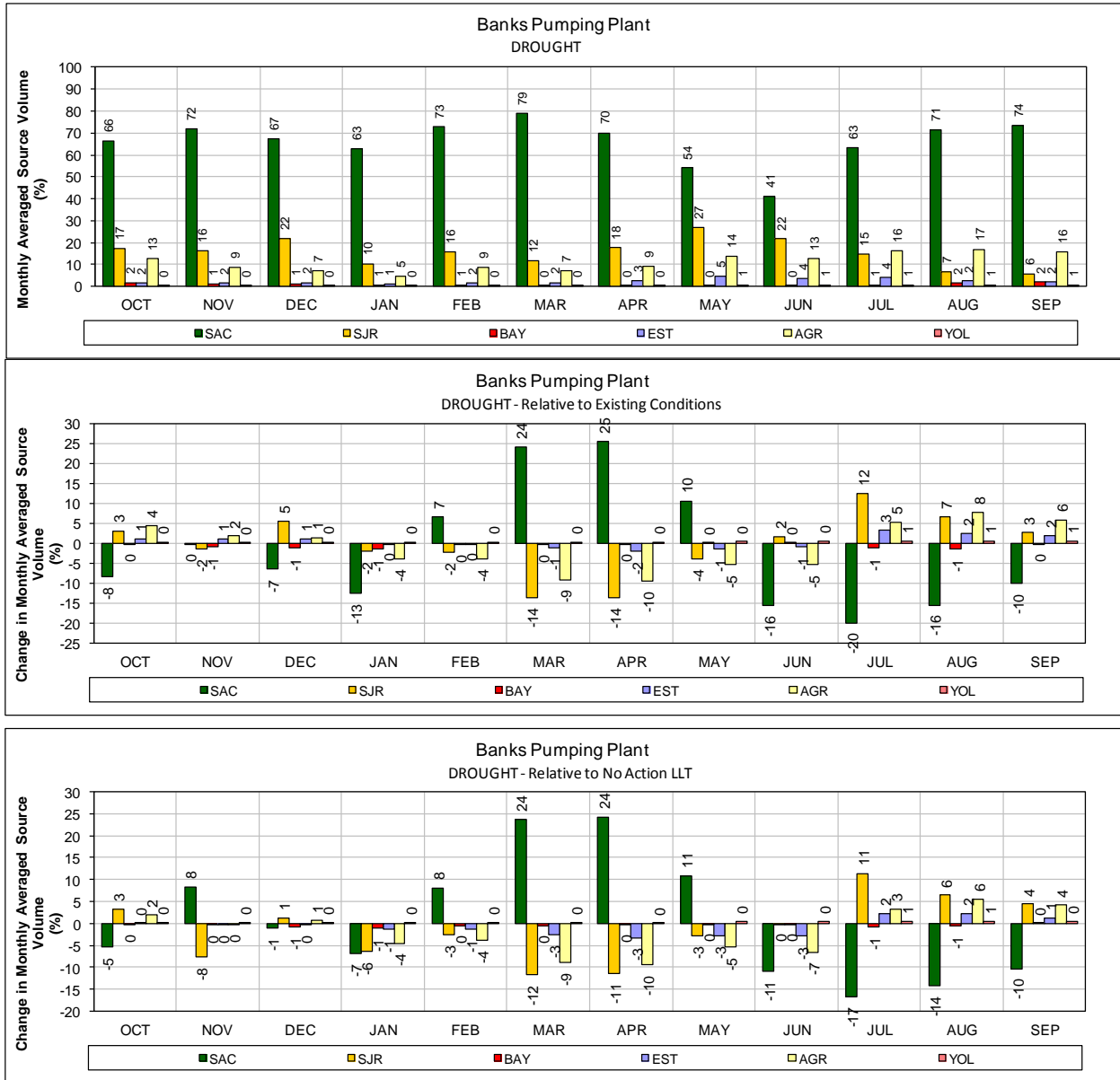
- 1 **Figure 61.ALT 2 – Contra Costa Pumping Plant #1 for ALL years (1976-1991)**
- 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**
- 3



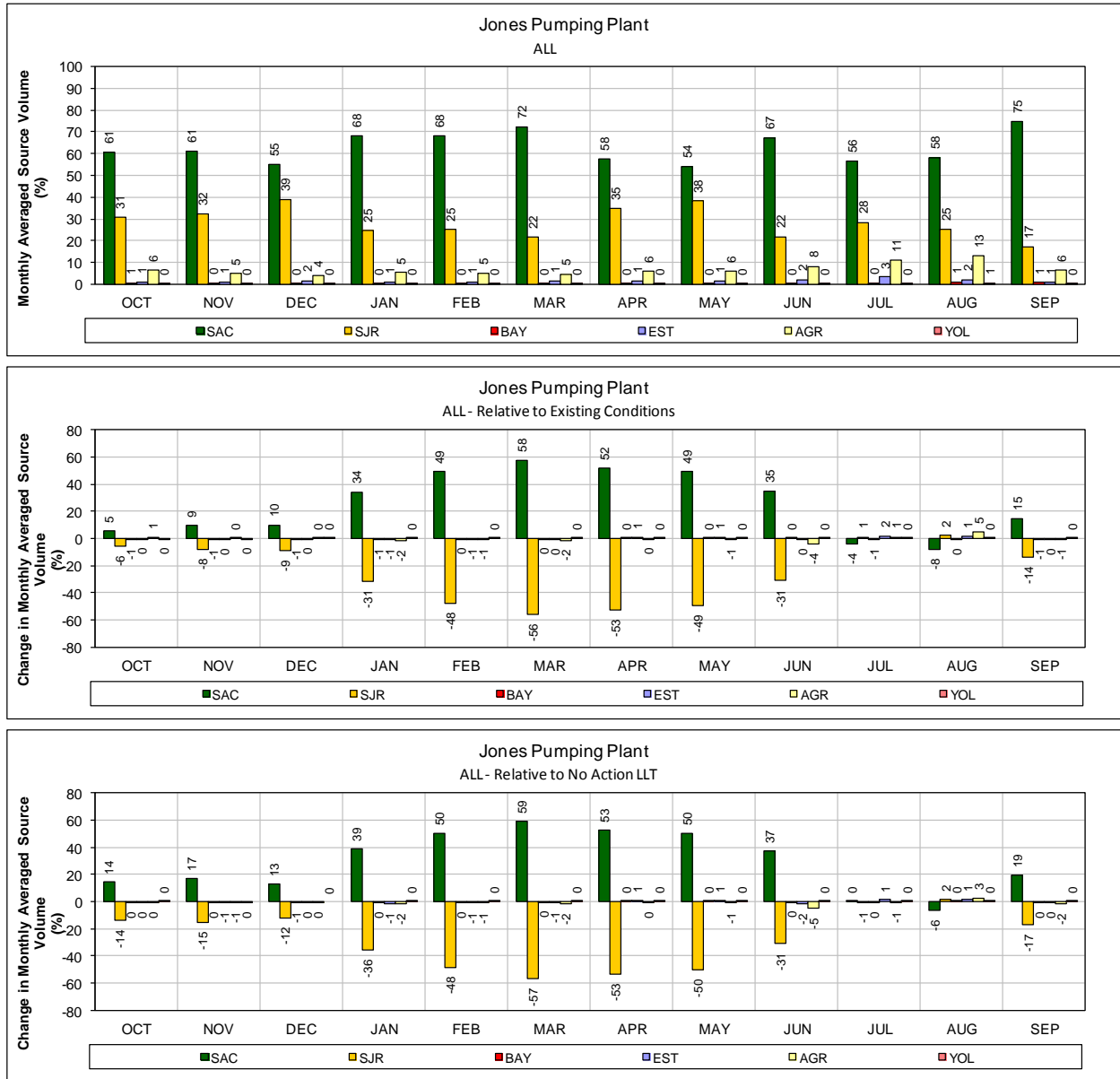
1 **Figure 62.ALT 2 – Contra Costa Pumping Plant #1 for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



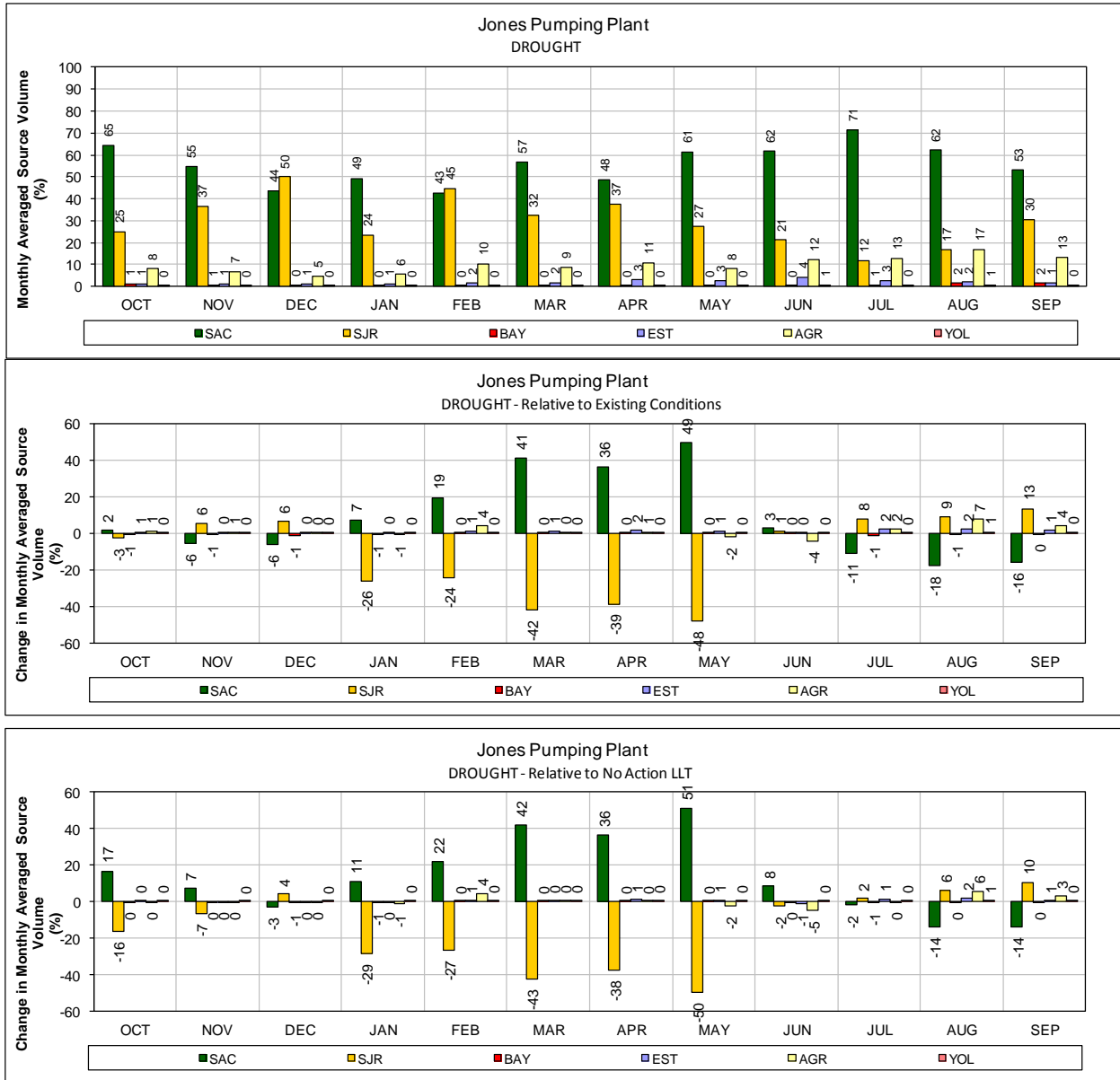
- 1 **Figure 63.ALT 2 – Banks Pumping Plant for ALL years (1976-1991)**
- 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**
- 3



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

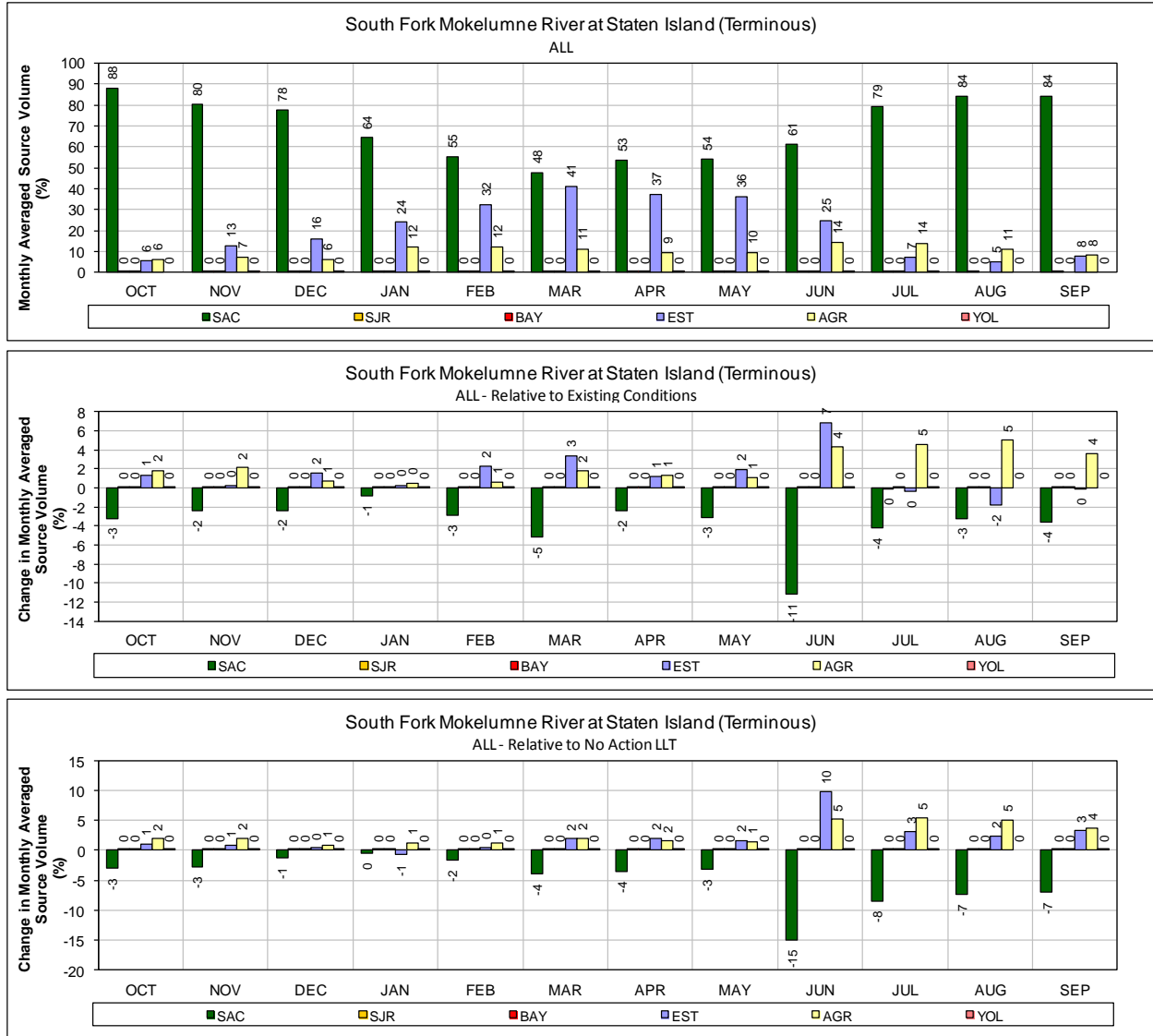


- 1 **Figure 66.ALT 2 – Jones Pumping Plant for DROUGHT years (1987-1991)**
- 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**
- 3

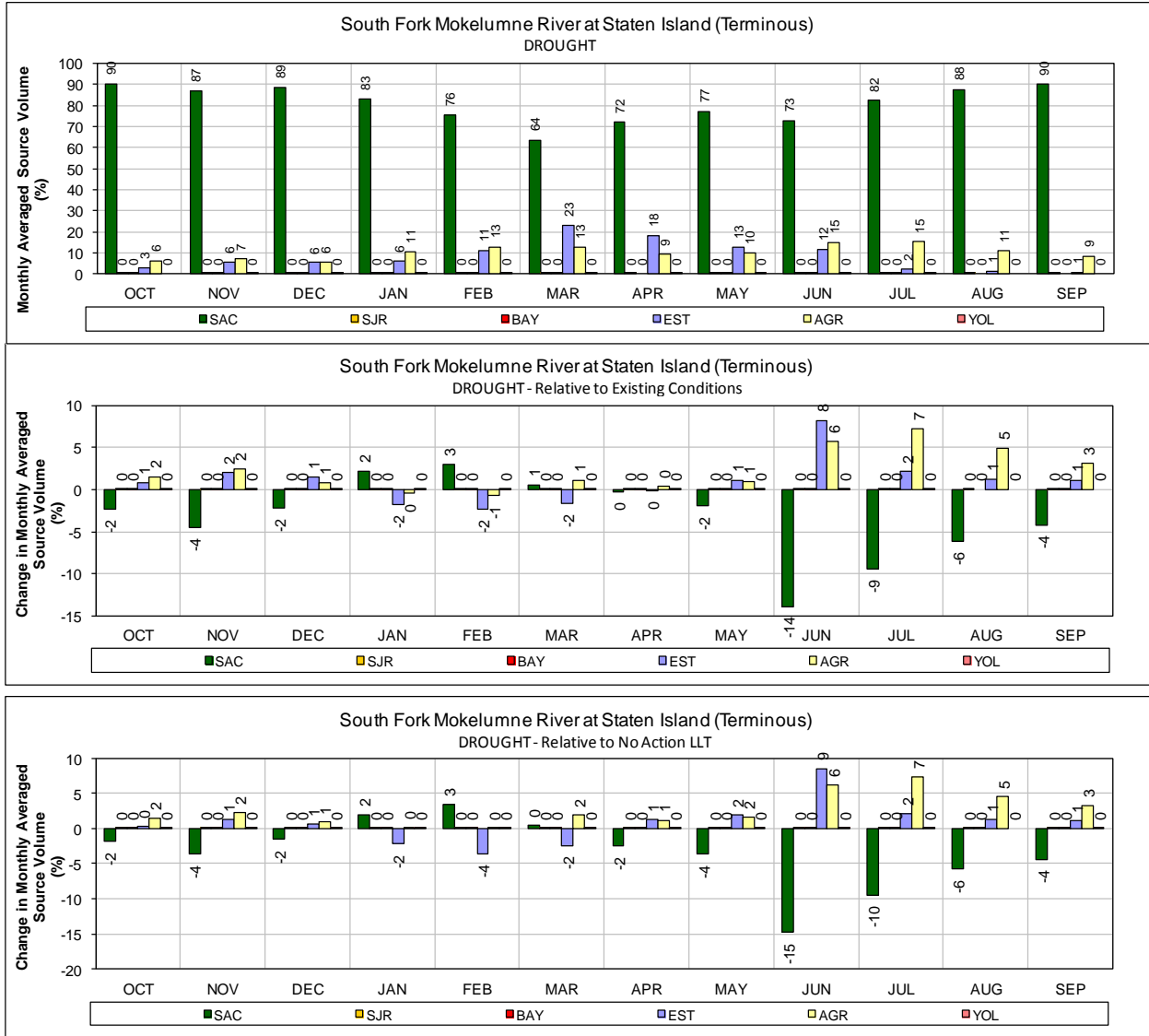
1

Alternative 3 LLT

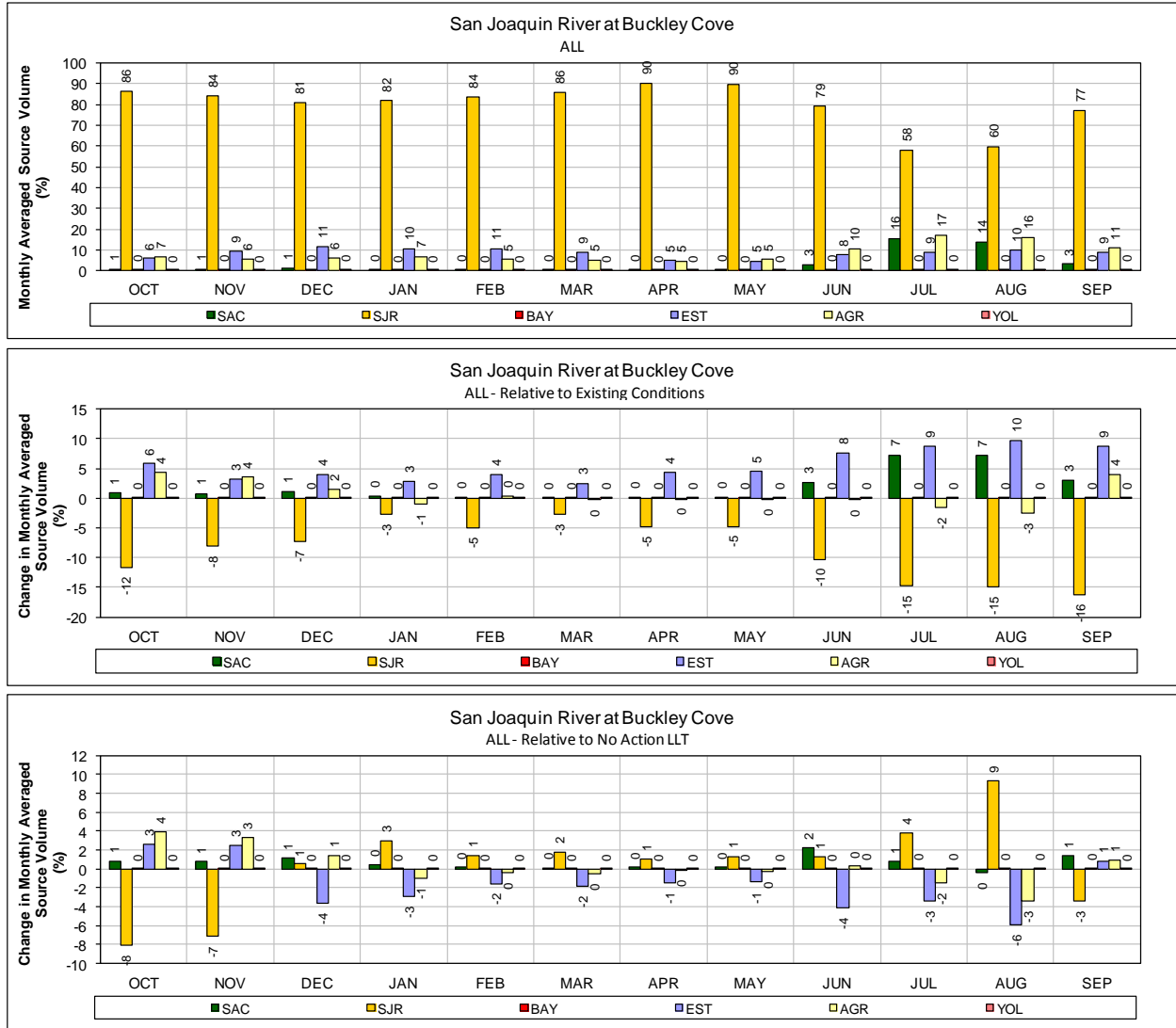
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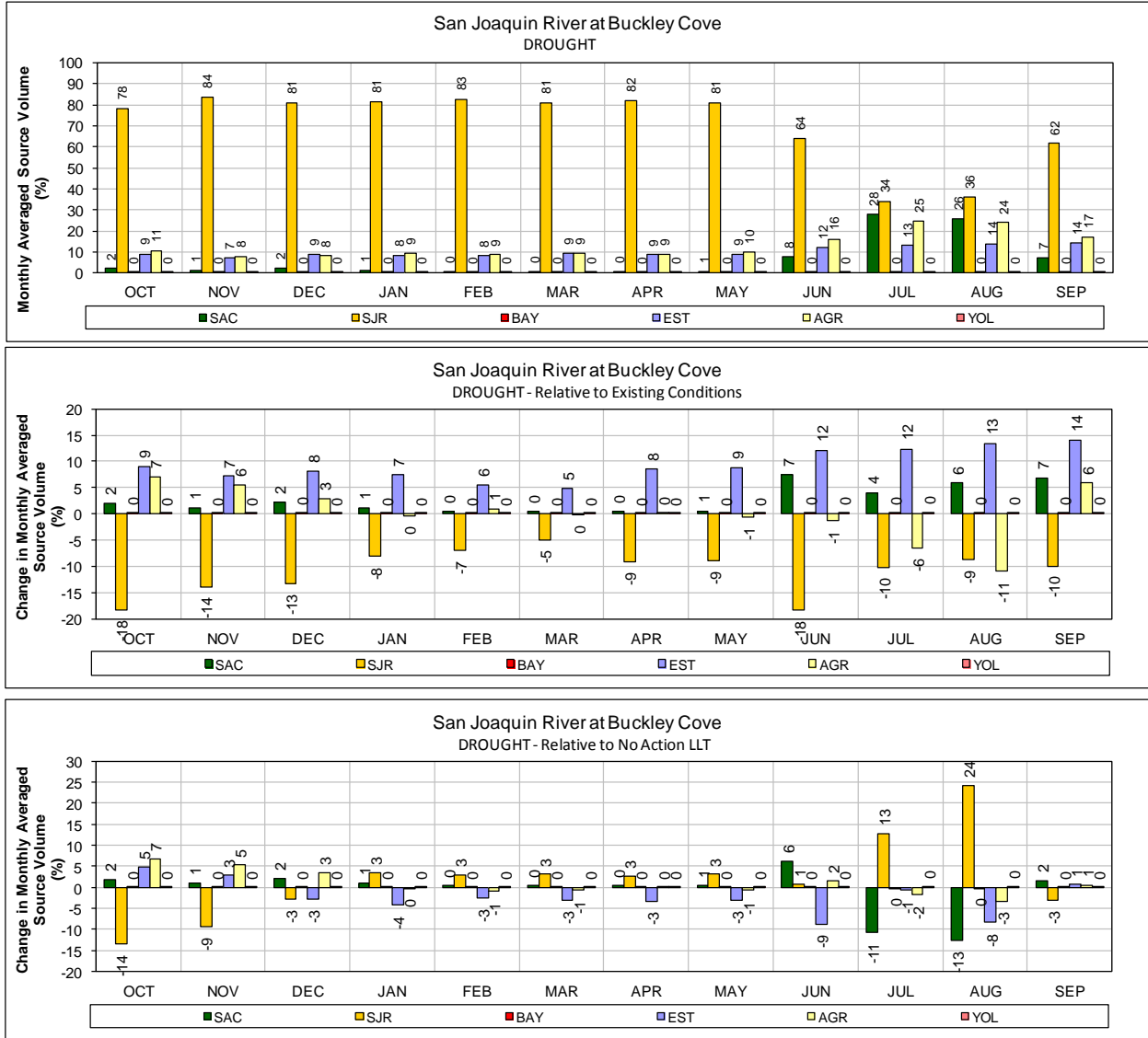
1 **Figure 67.ALT 3 – Mokelumne River (South Fork) at Staten Island for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



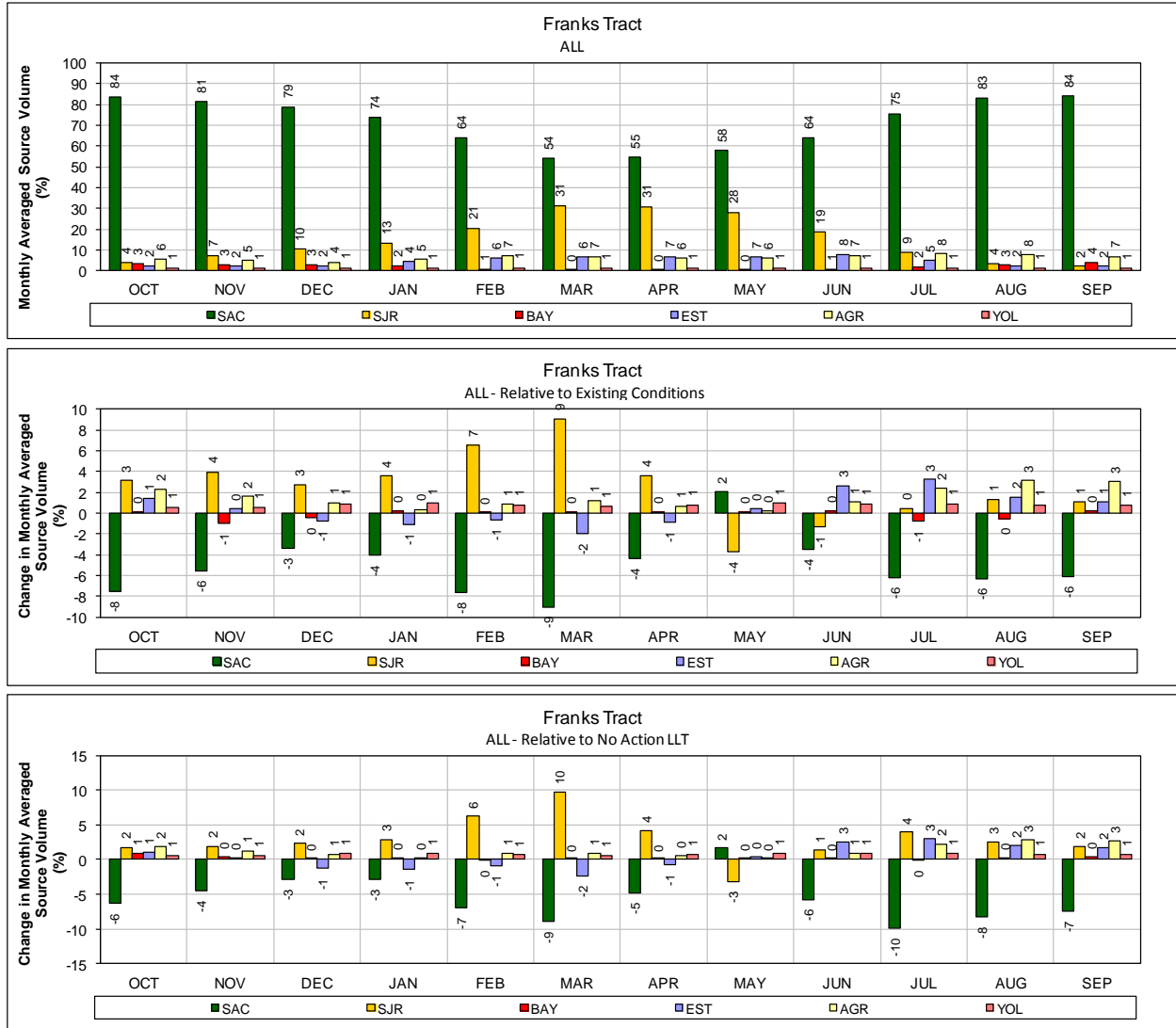
1 **Figure 68.ALT 3 – Mokelumne River (South Fork) at Staten Island for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



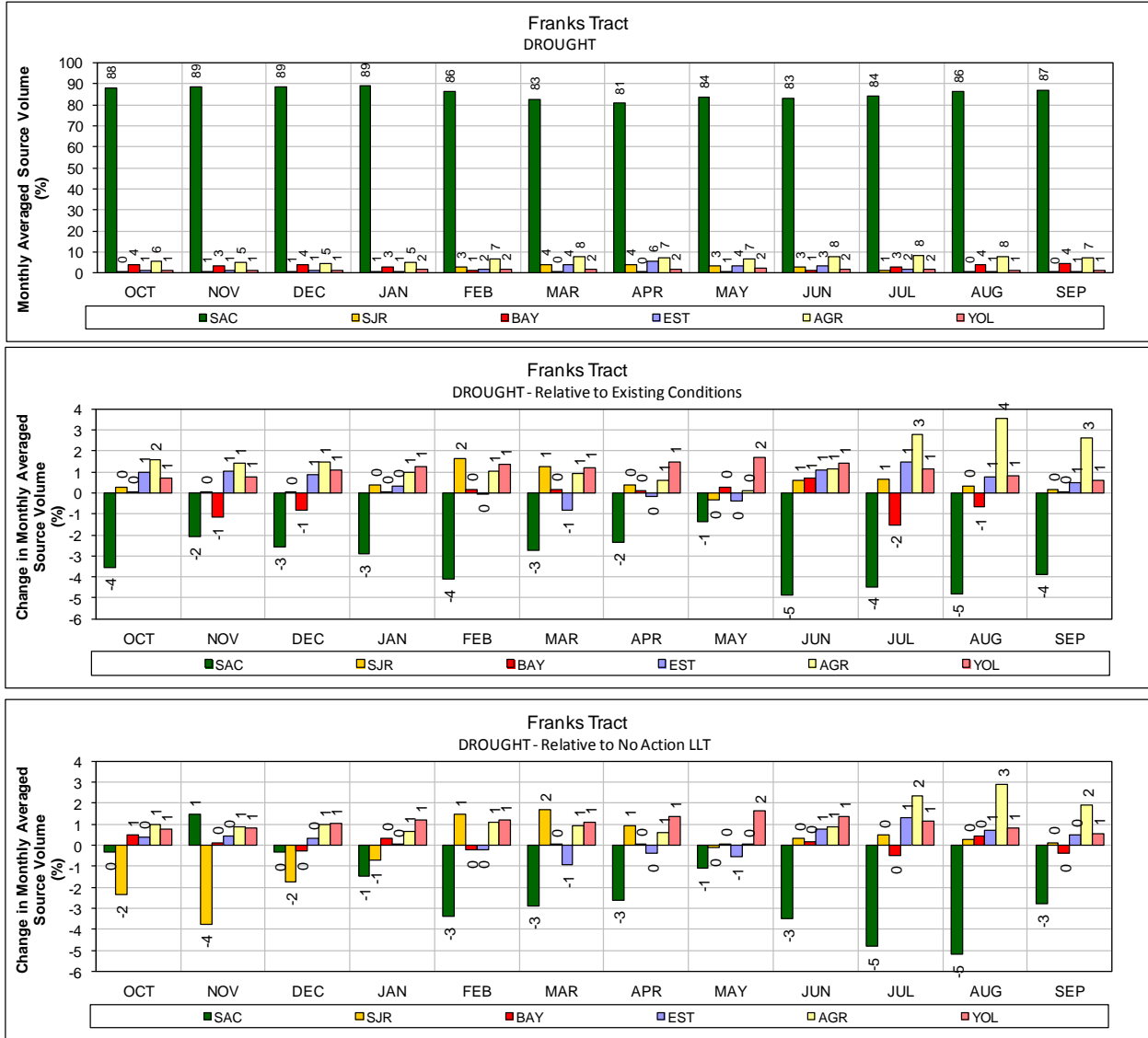
1 **Figure 69.ALT 3 – San Joaquin River at Buckley Cove for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



- 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



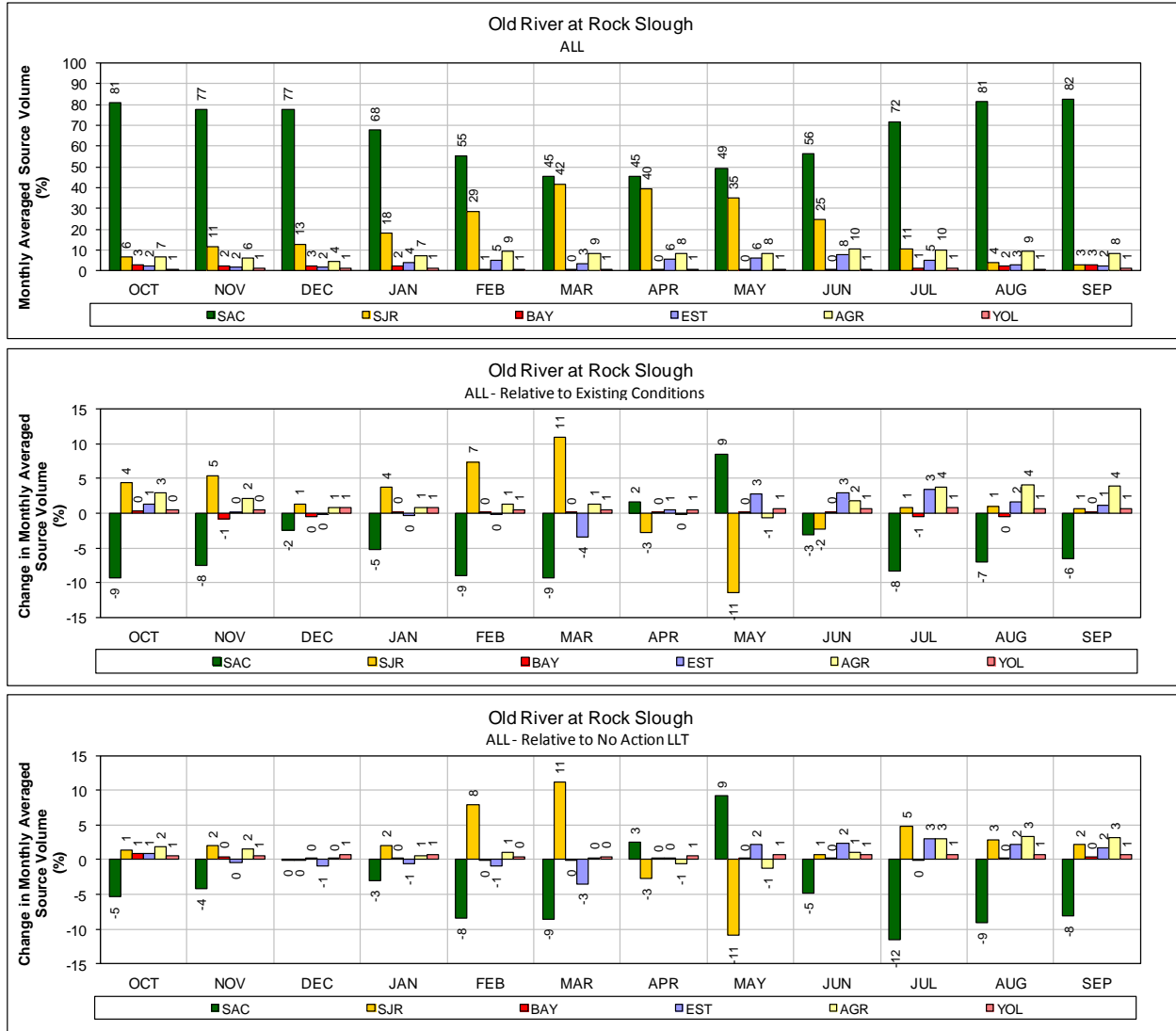
1 **Figure 71.ALT 3 – Franks Tract for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



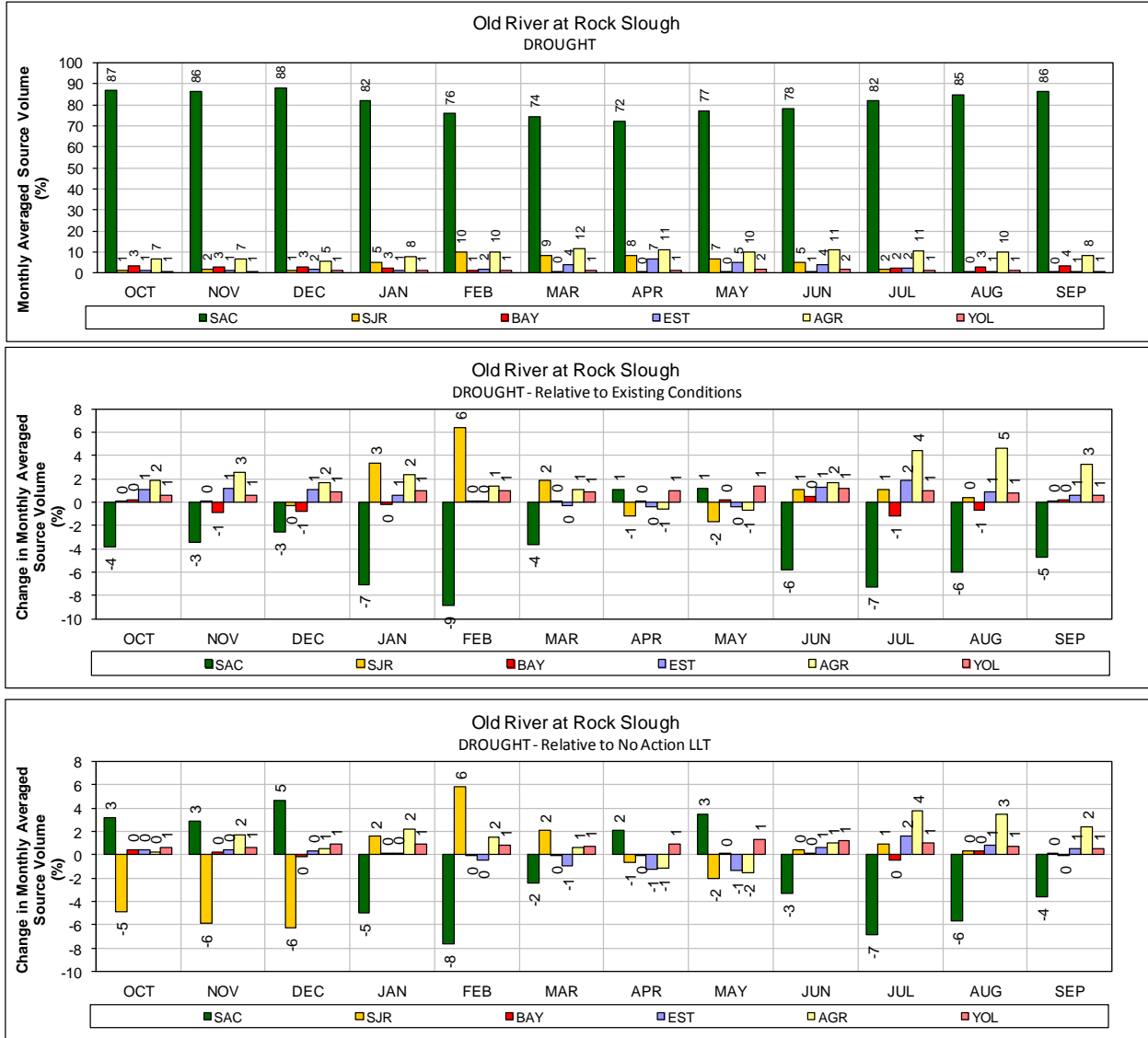
1 **Figure 72.ALT 3 – Franks Tract for DROUGHT years (1987-1991)**

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

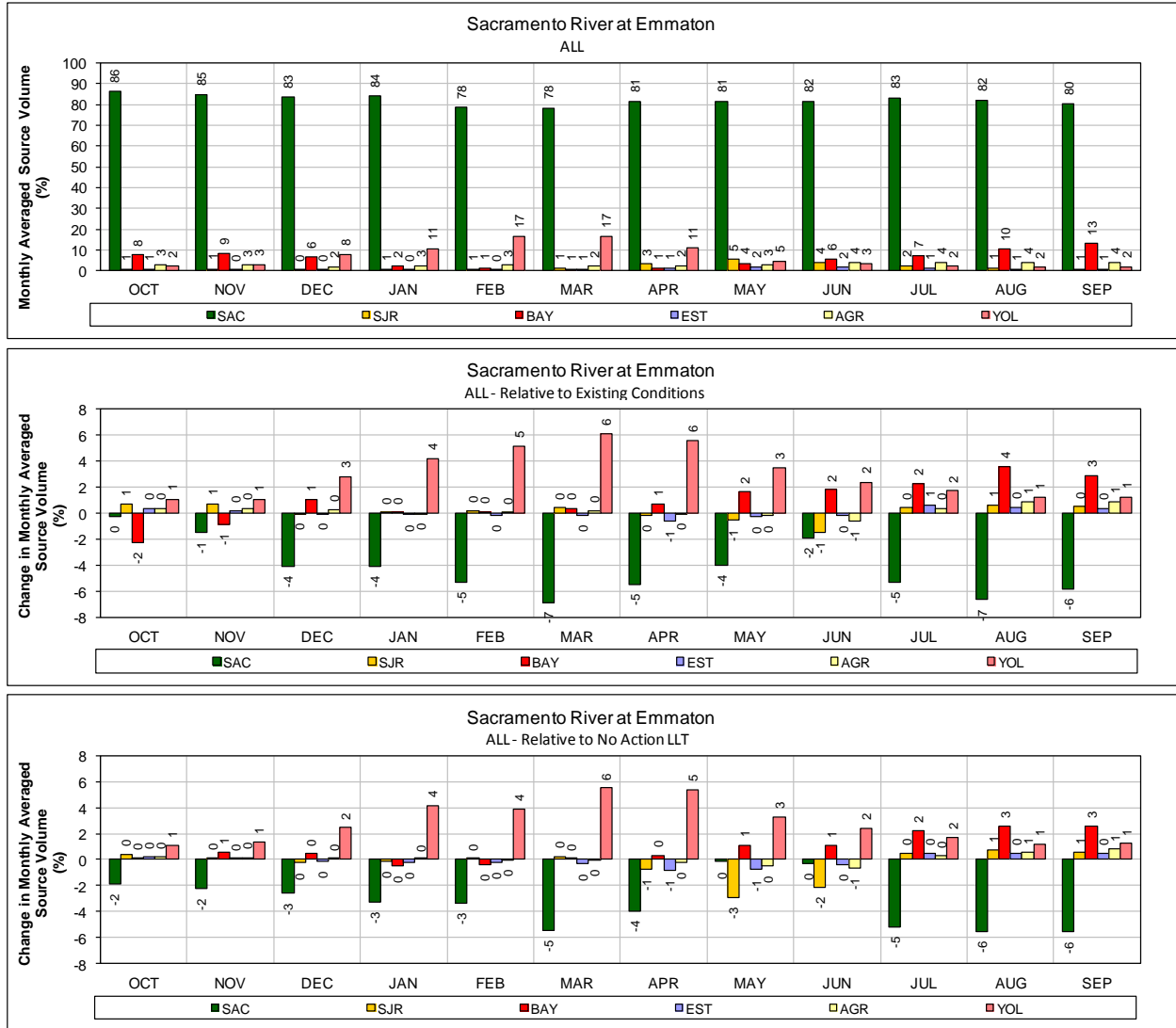
3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



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).**



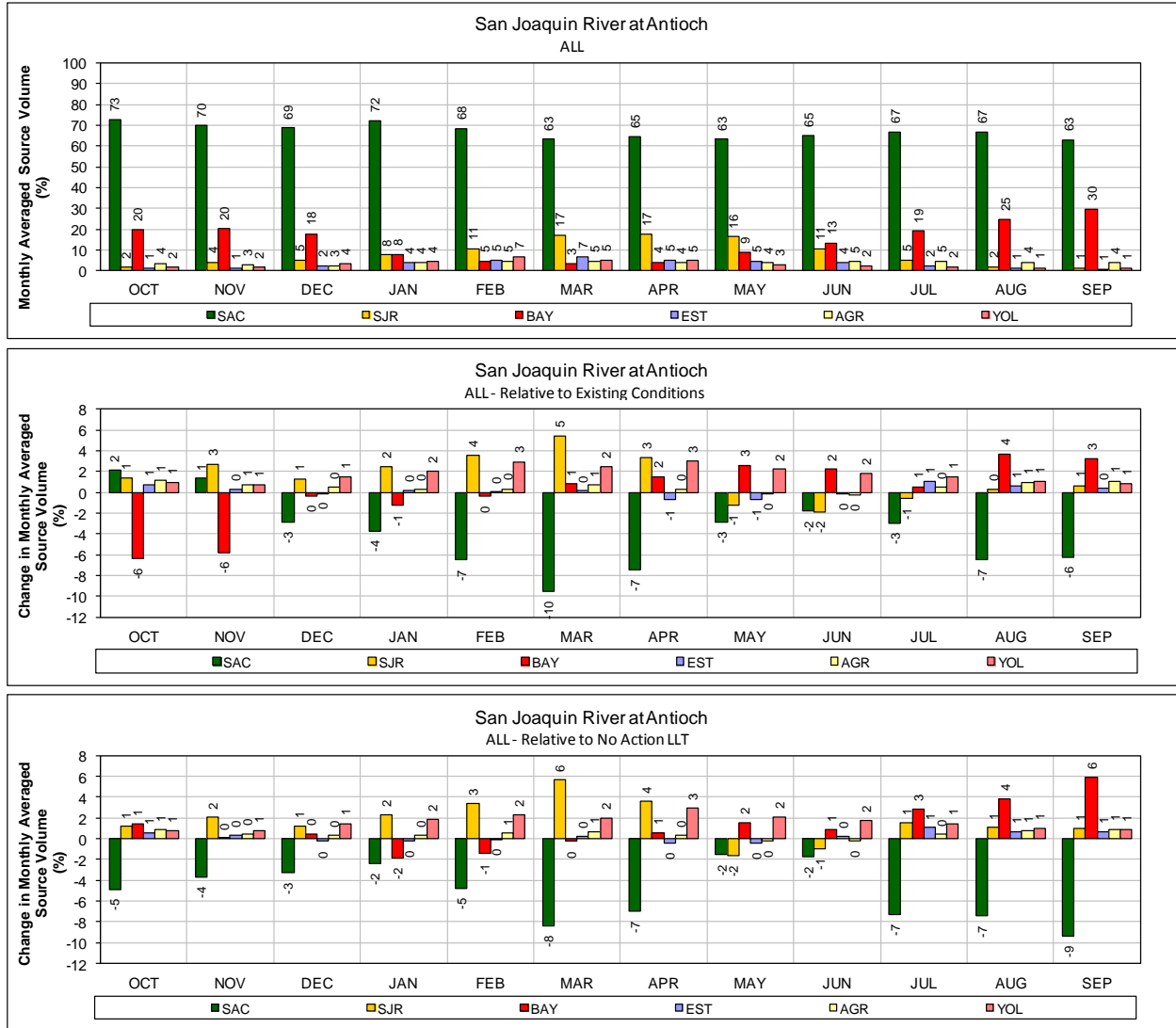
- 1 **Figure 74.ALT 3 – Old River at Rock Slough for DROUGHT years (1987-1991)**
- 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**
- 3



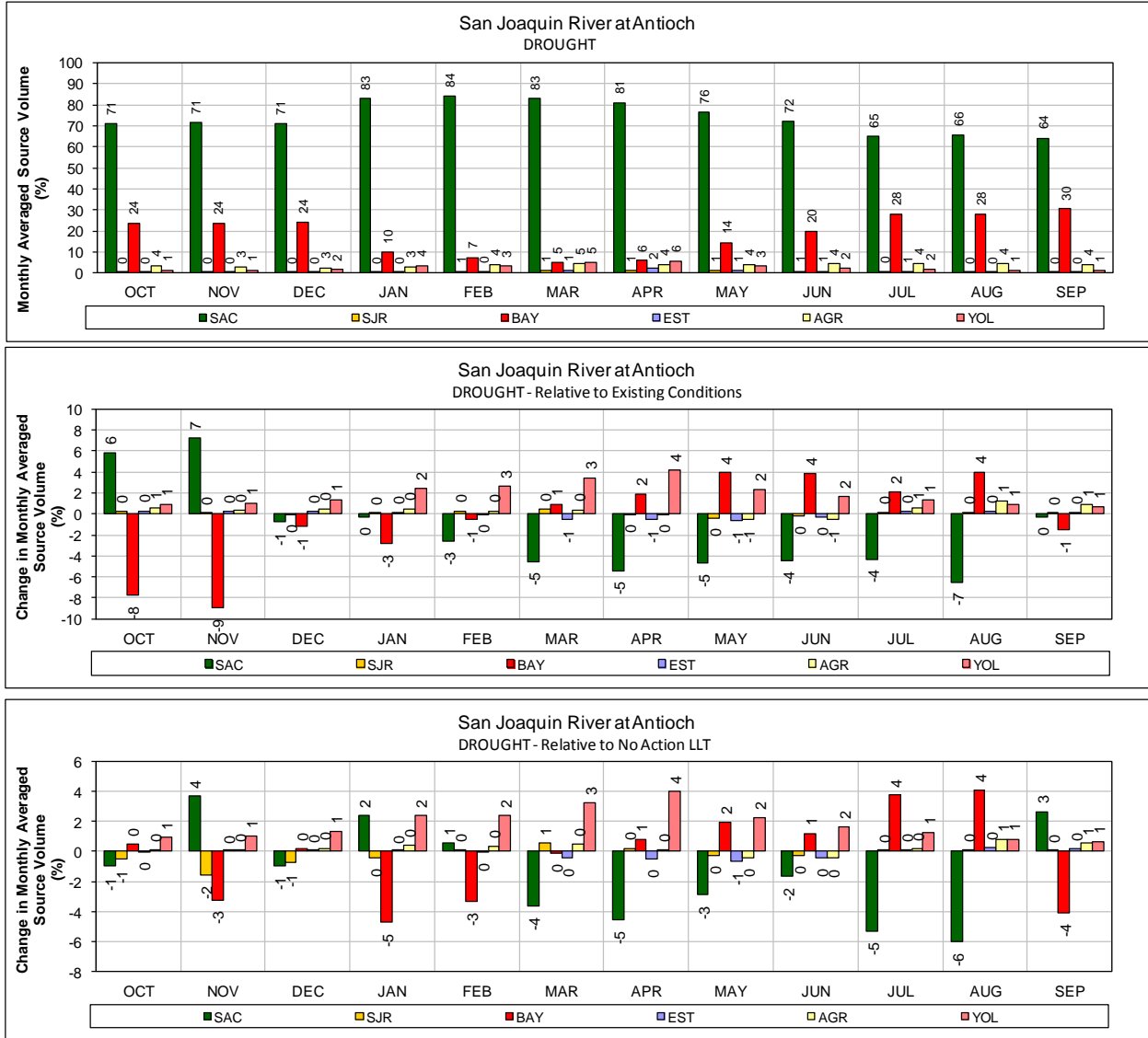
1 **Figure 75.ALT 3 – Sacramento River at Emmaton for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



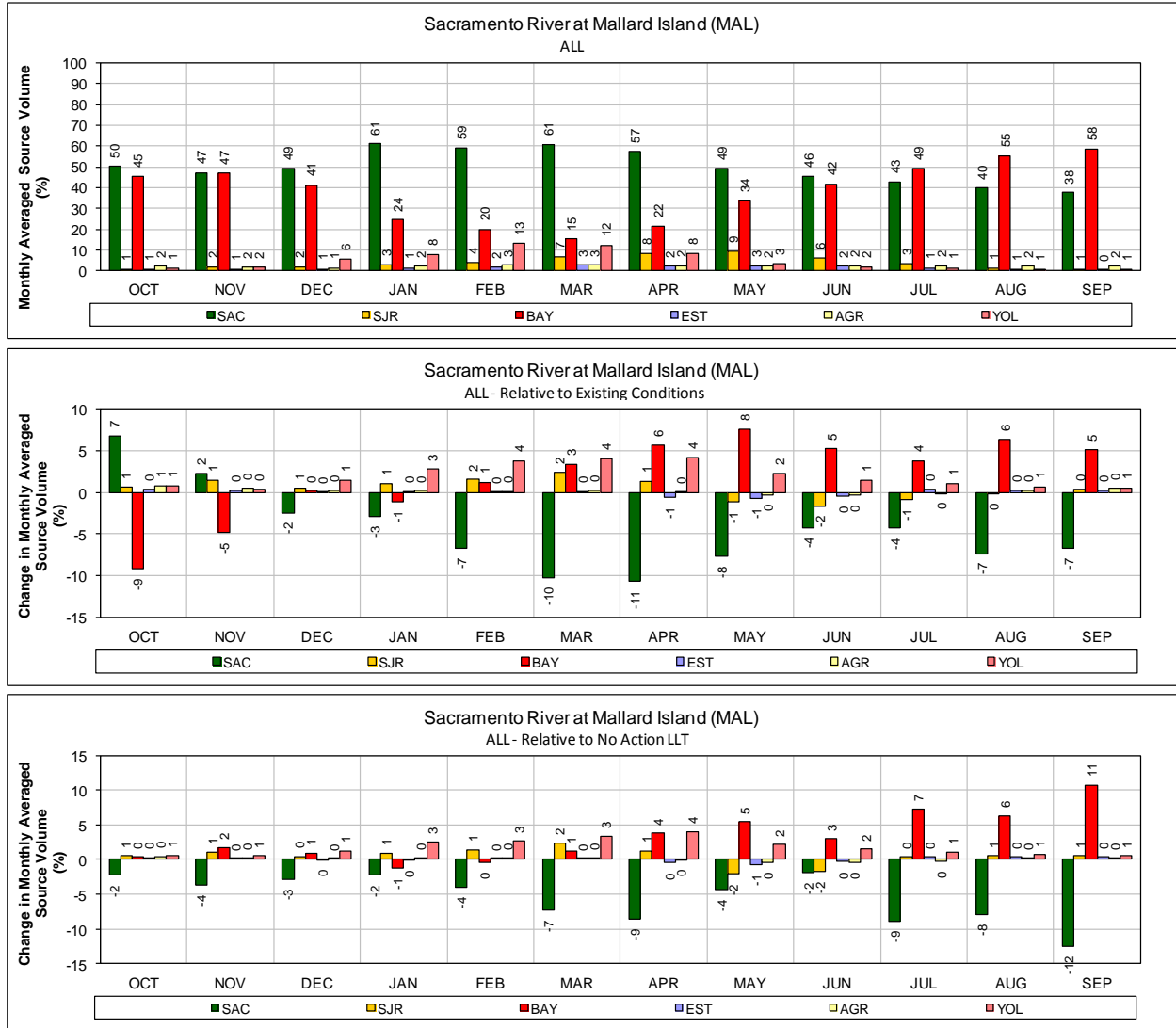
1 Figure 76.ALT 3 – Sacramento River at Emmaton for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



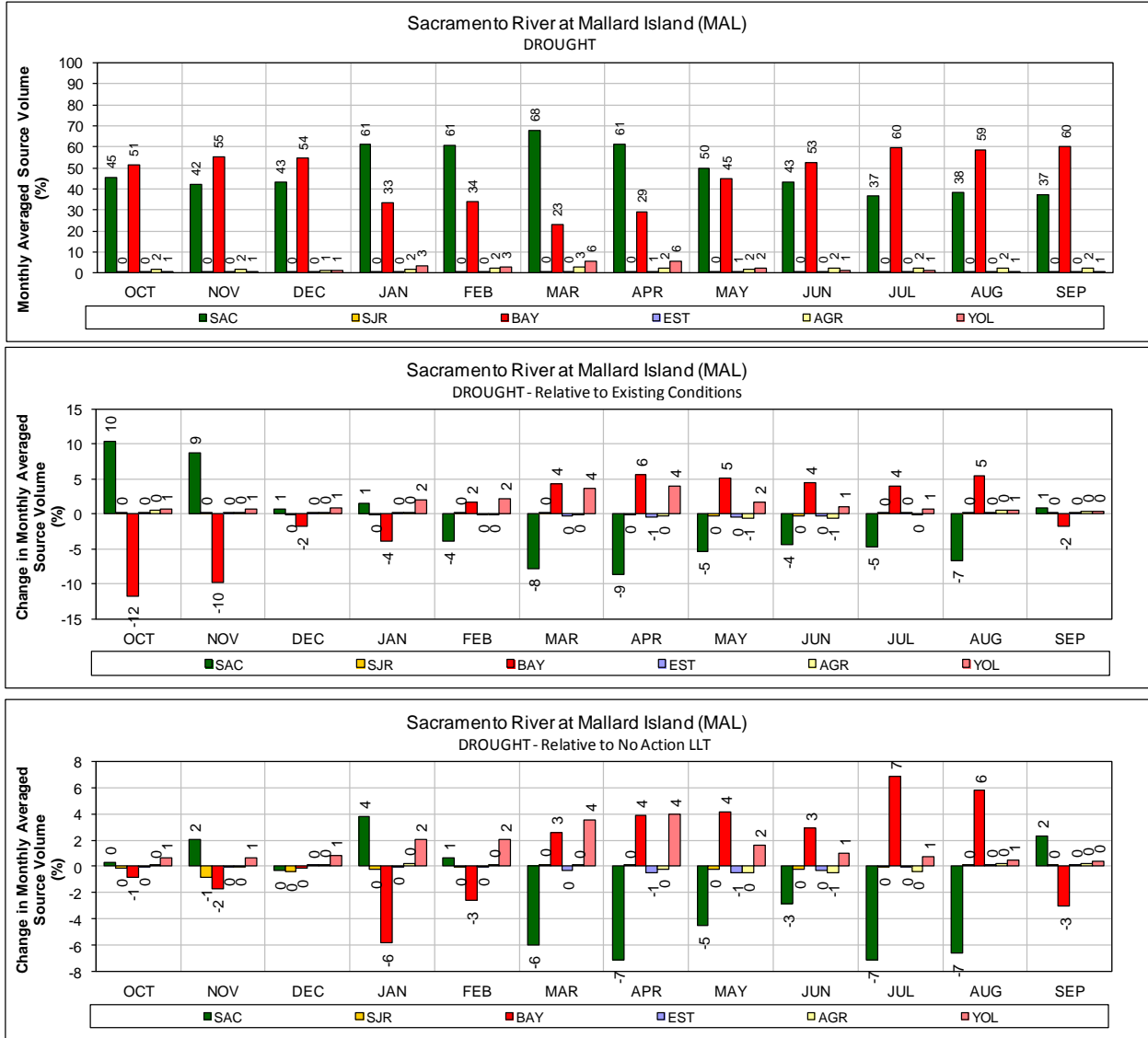
1 **Figure 77.ALT 3 – San Joaquin River at Antioch for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



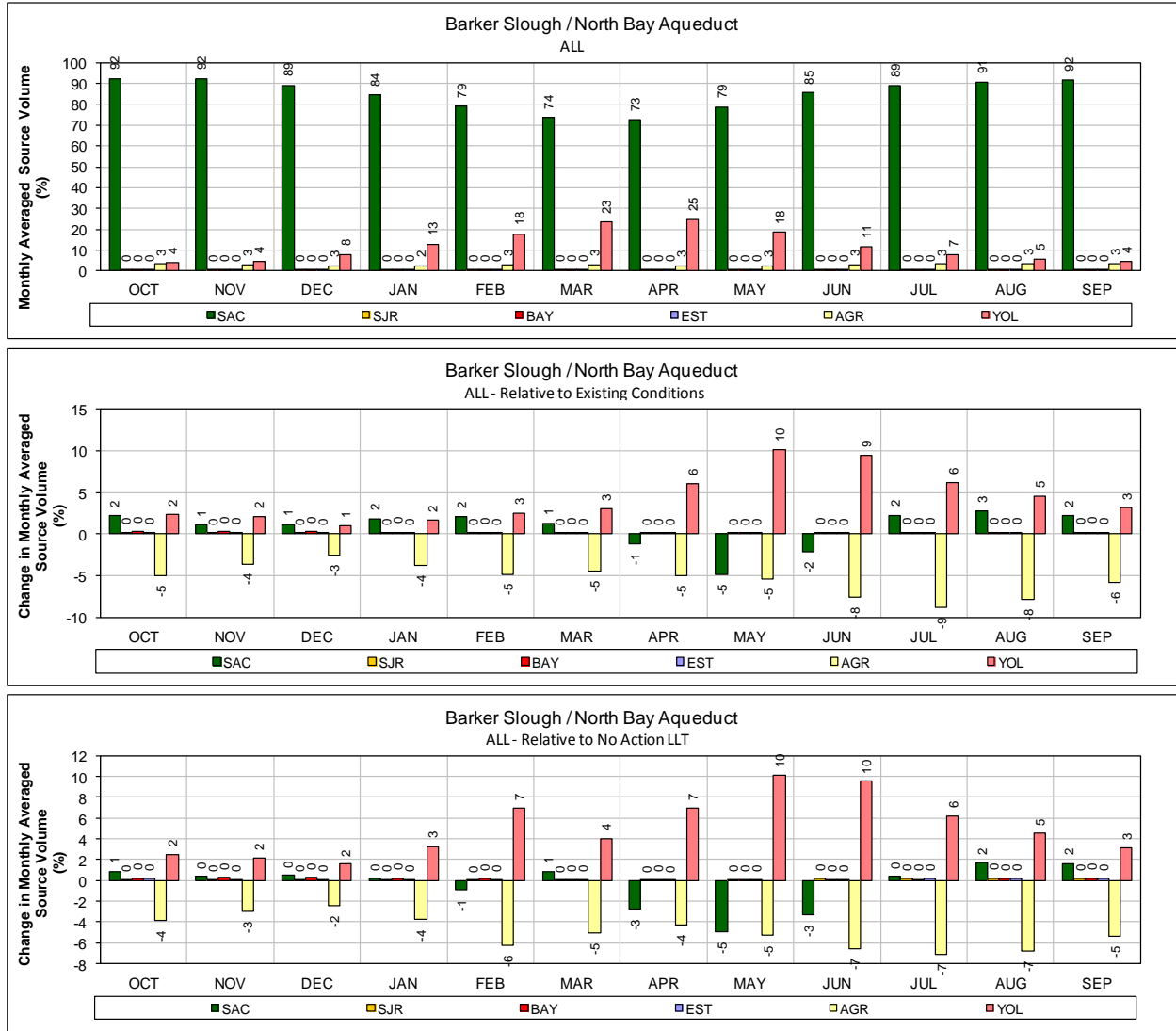
1 Figure 78.ALT 3 – San Joaquin River at Antioch for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



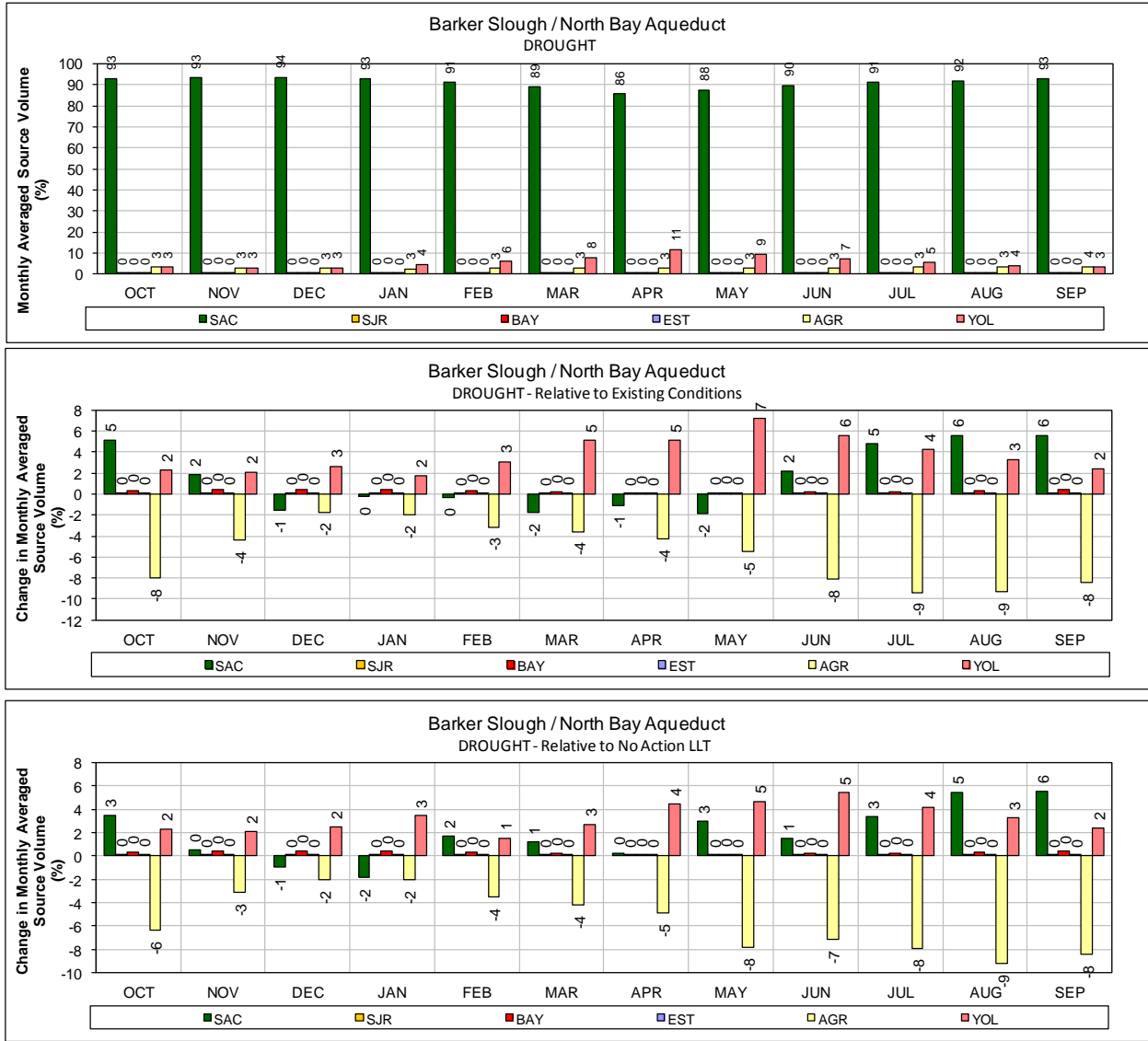
1 **Figure 79.ALT 3 – Sacramento River at Mallard Island for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



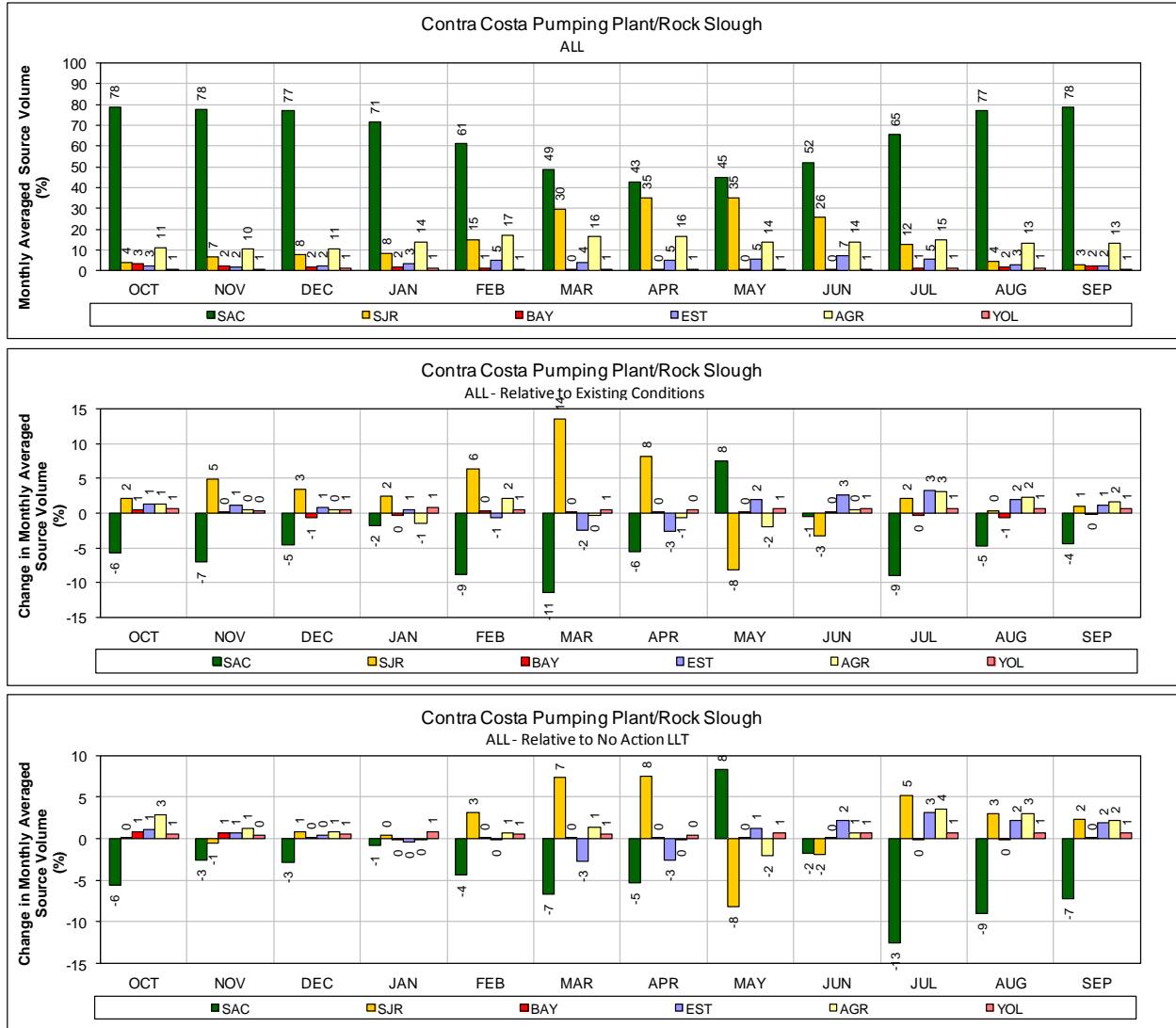
- 1 **Figure 80.ALT 3 – Sacramento River at Mallard Island for DROUGHT years (1987-1991)**
- 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**
- 3



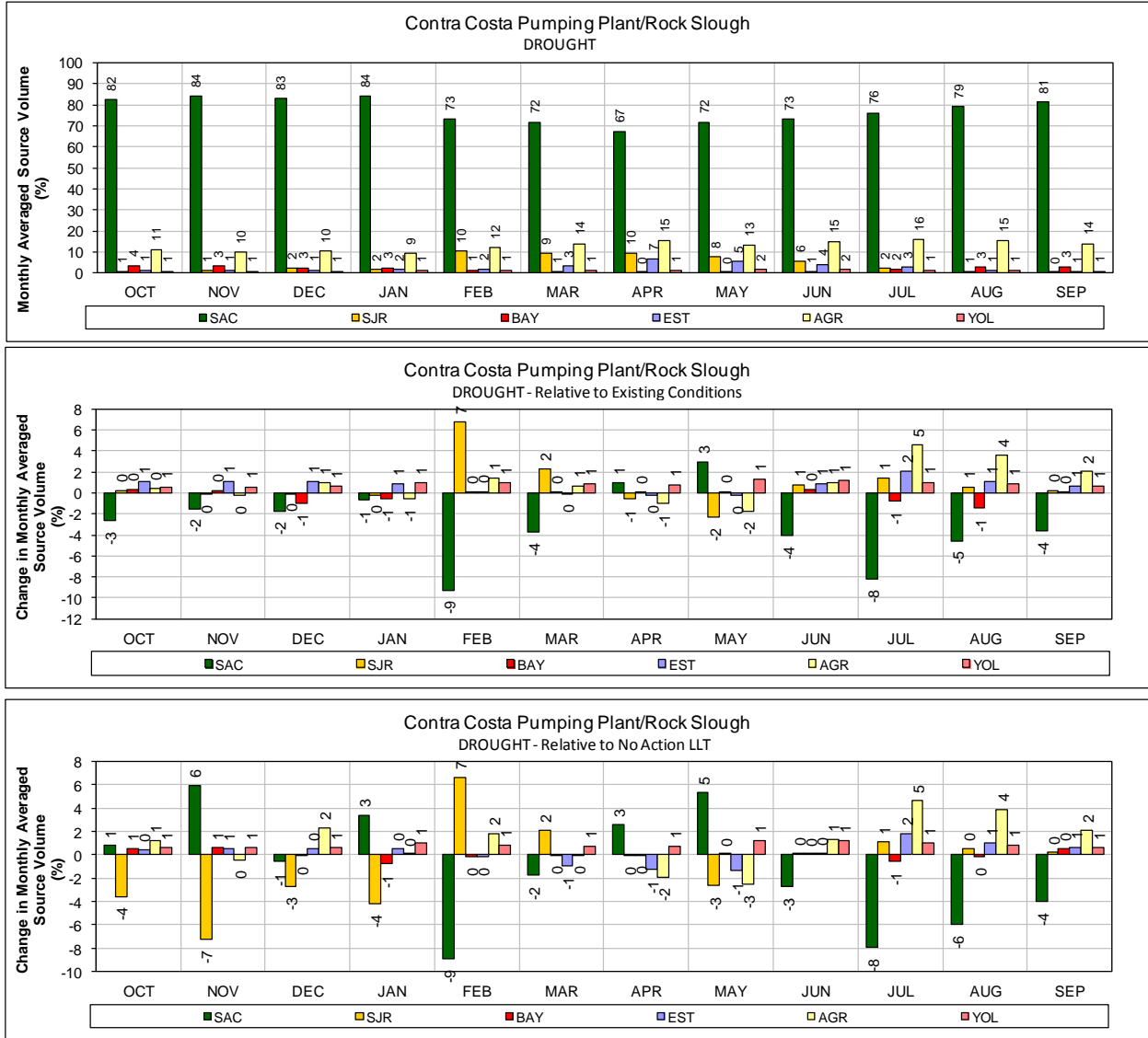
1 **Figure 81.ALT 3 – North Bay Aqueduct at Barker Slough Pumping Plant for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



1 **Figure 82.ALT 3 – North Bay Aqueduct at Barker Slough Pumping Plant for DROUGHT years (1987-**
 2 **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).**



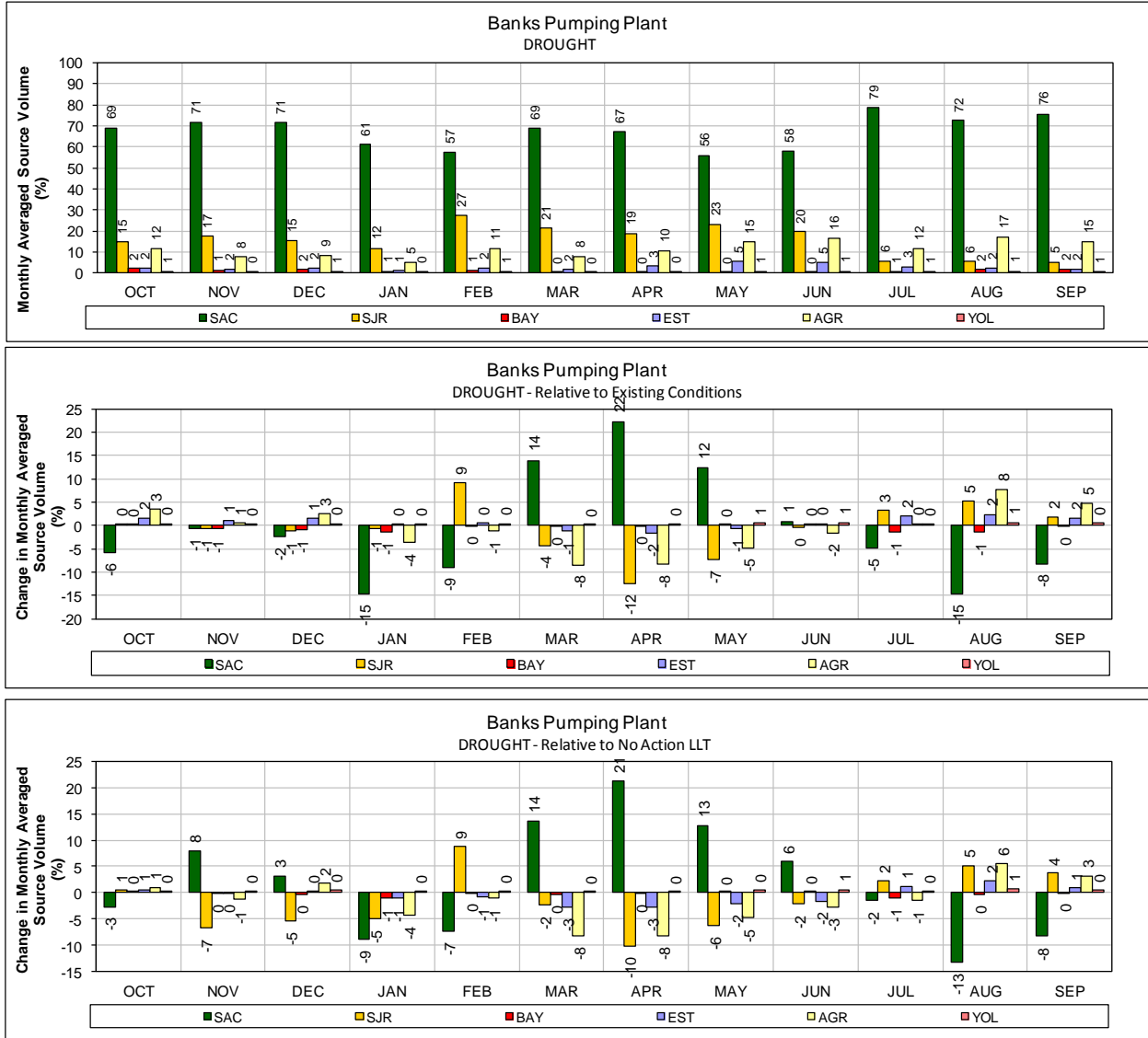
1 **Figure 83.ALT 3 – Contra Costa Pumping Plant #1 for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



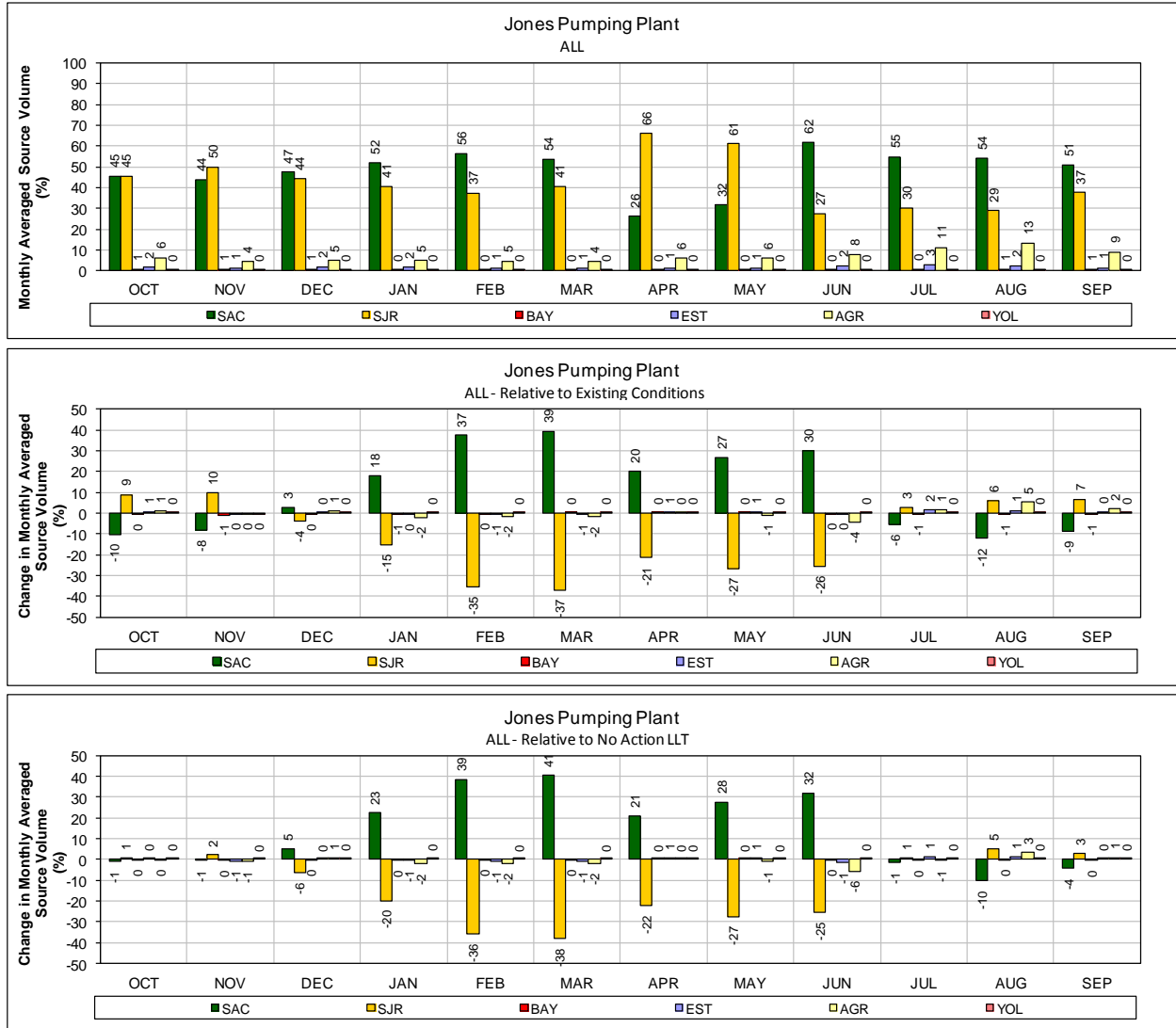
- 1 **Figure 84.ALT 3 – Contra Pumping Plant #1 for DROUGHT years (1987-1991)**
- 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
- 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



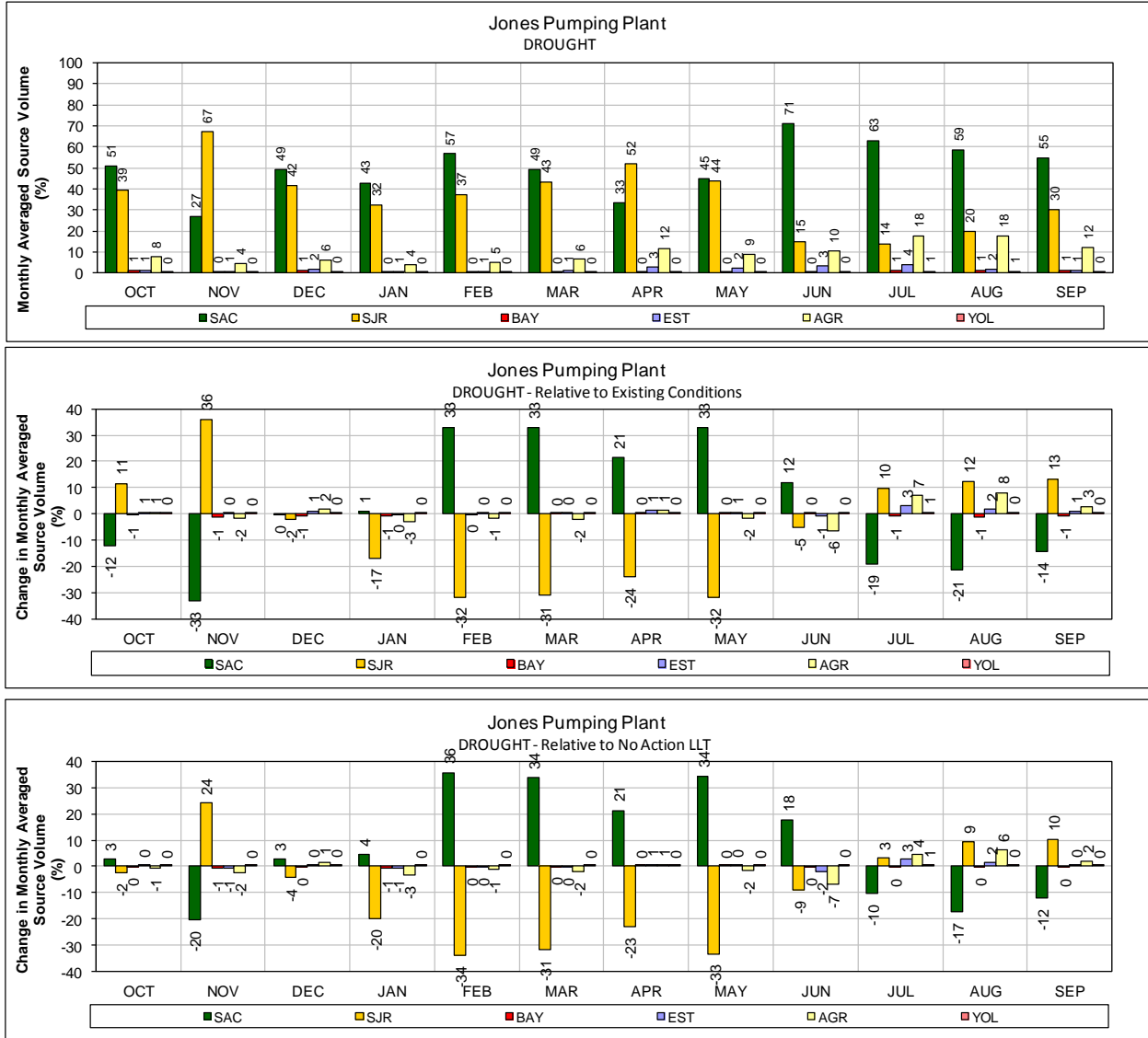
1 **Figure 85.ALT 3 – Banks Pumping Plant for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



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



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).**



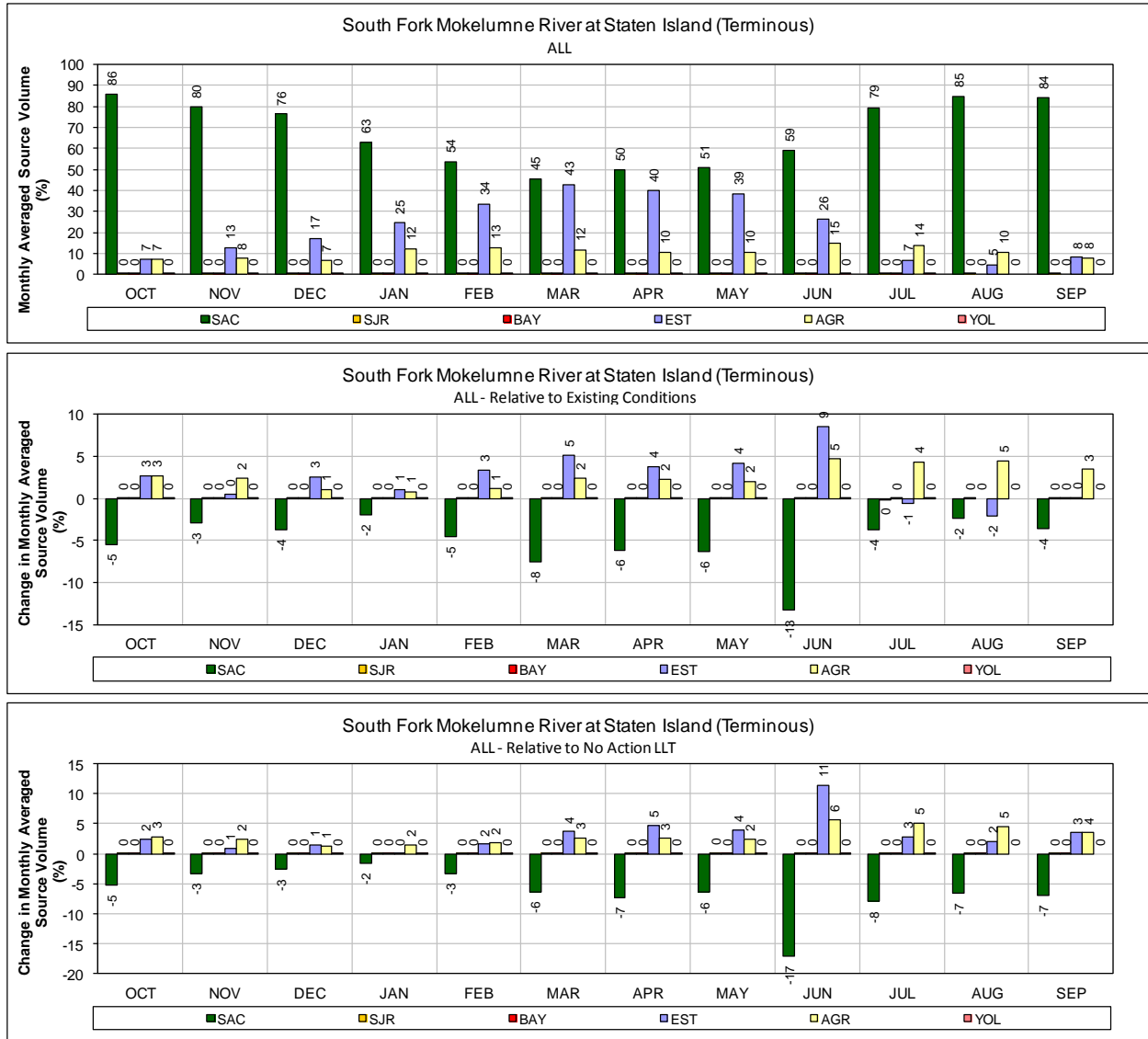
1 **Figure 88.ALT 3 – Jones Pumping Plant for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**

1

2

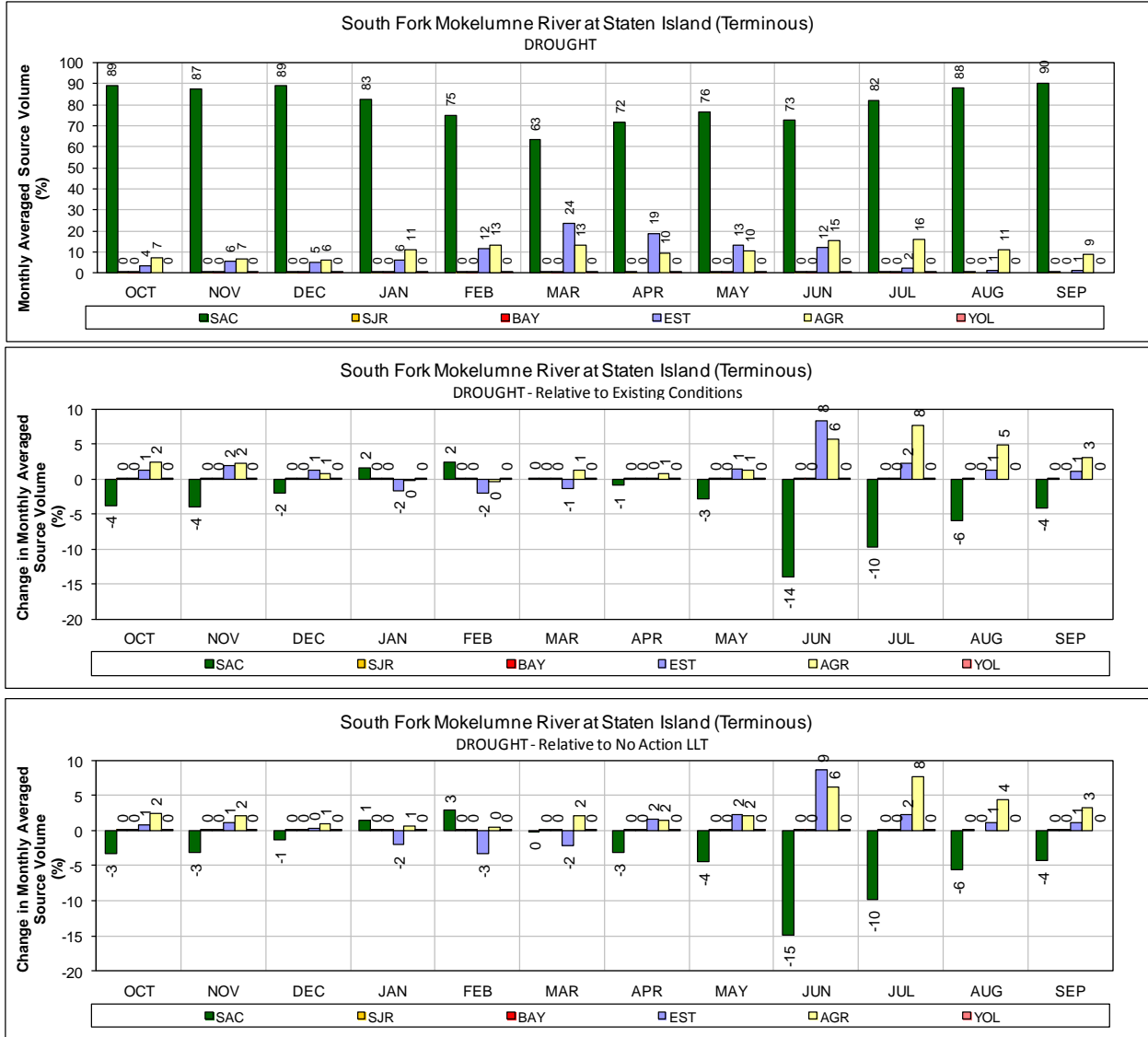
Alternative 4 LLT Scenario H1

3

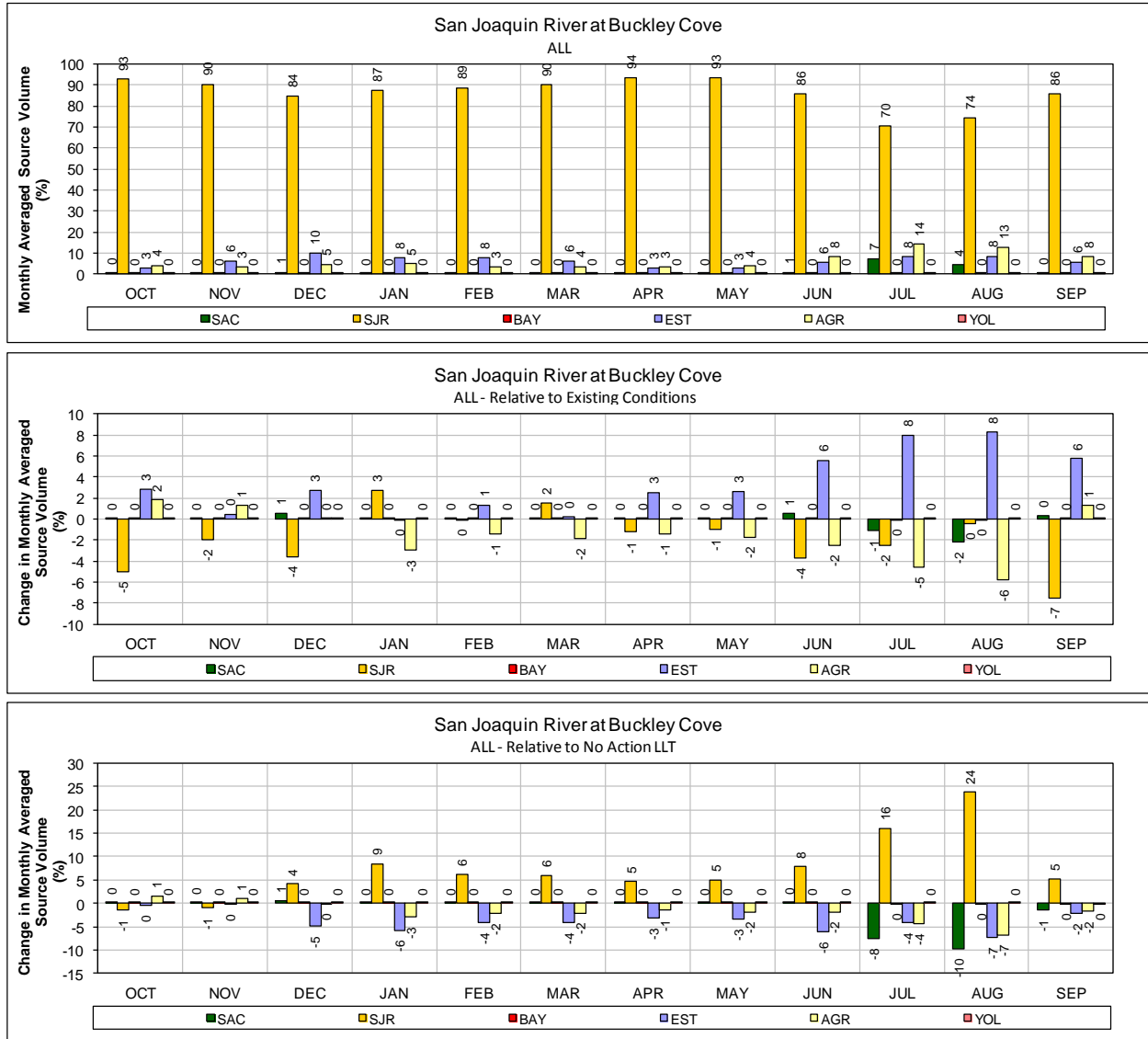


1 **Figure 89.ALT 4 Scenario H1 – Mokelumne River (South Fork) at Staten Island for ALL years (1976-**
 2 **1991)**

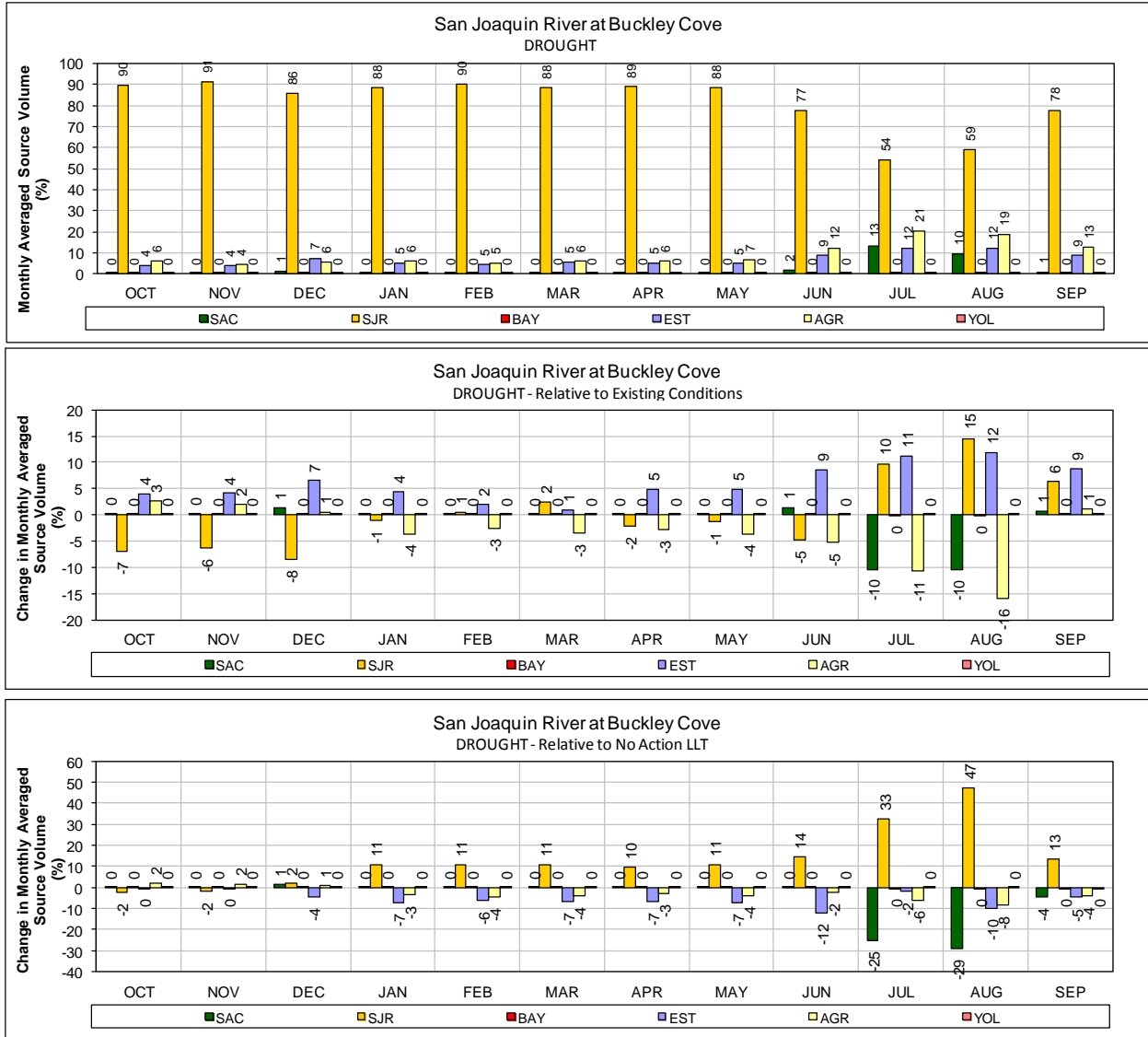
3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



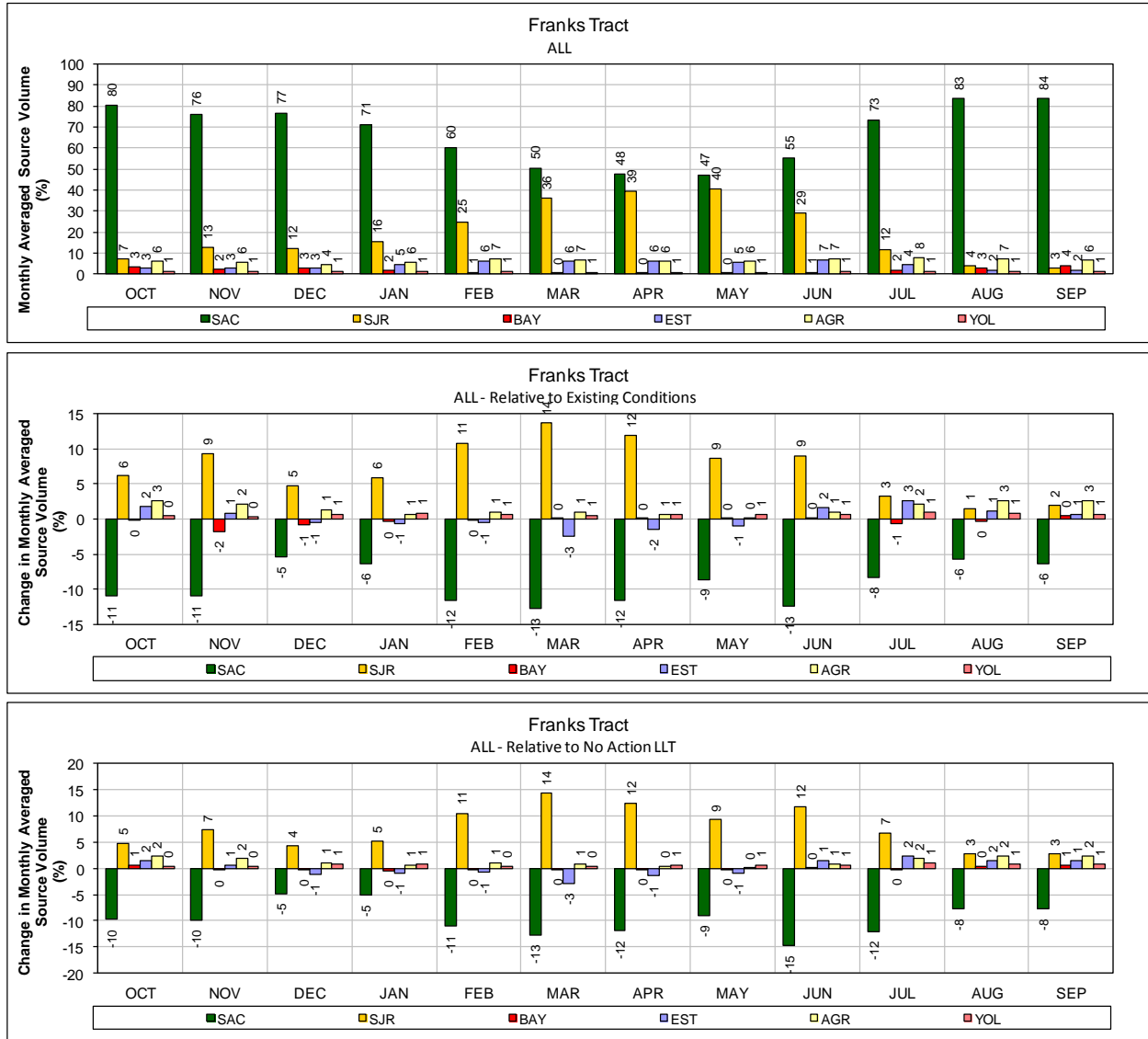
1 **Figure 90.ALT 4 Scenario H1 – Mokelumne River (South Fork) at Staten Island for DROUGHT years**
 2 **(1987-1991)**
 3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom two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



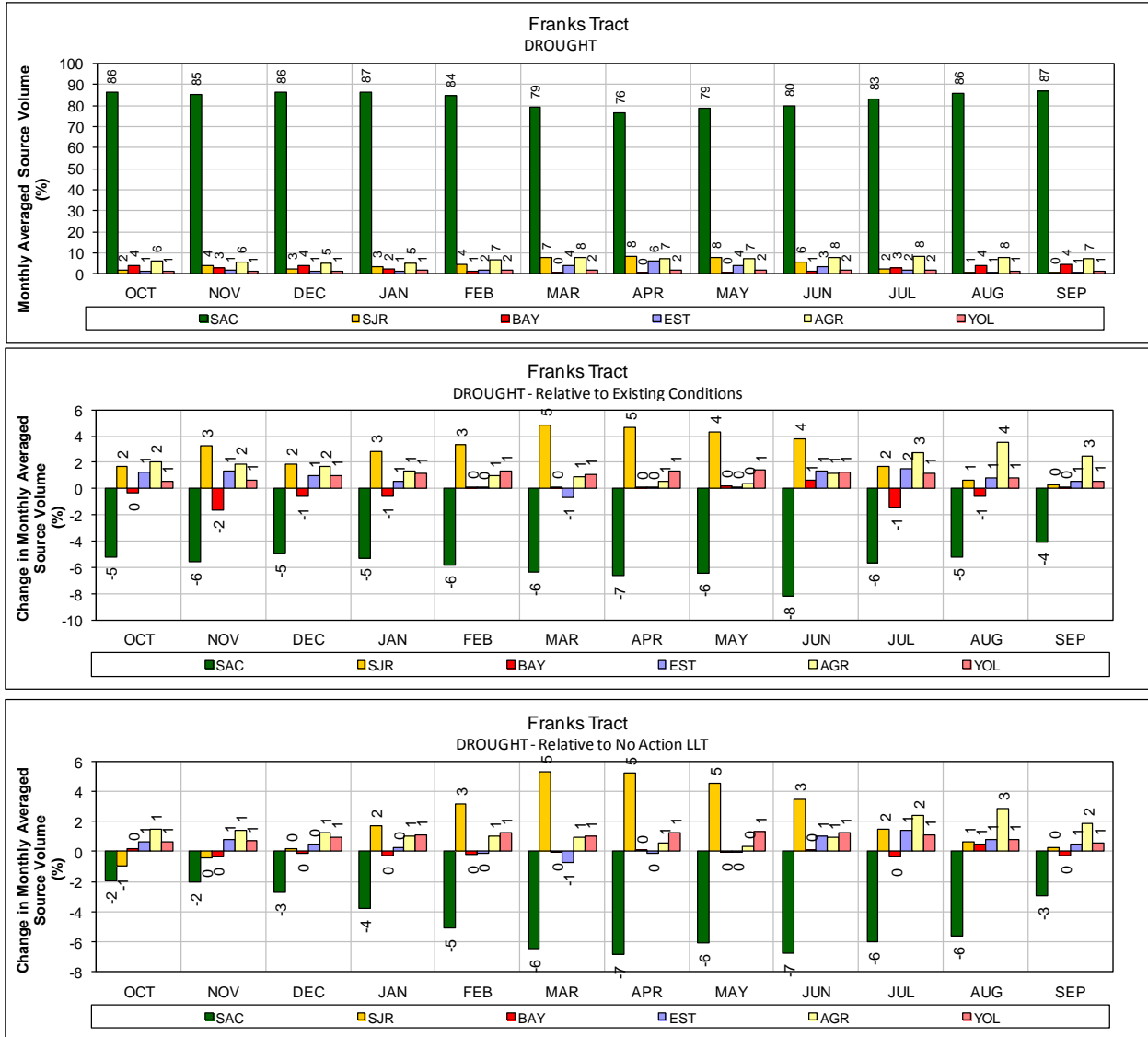
- 1 **Figure 91.ALT 4 Scenario H1 – San Joaquin River at Buckley Cove for ALL years (1976-1991)**
- 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**
- 3



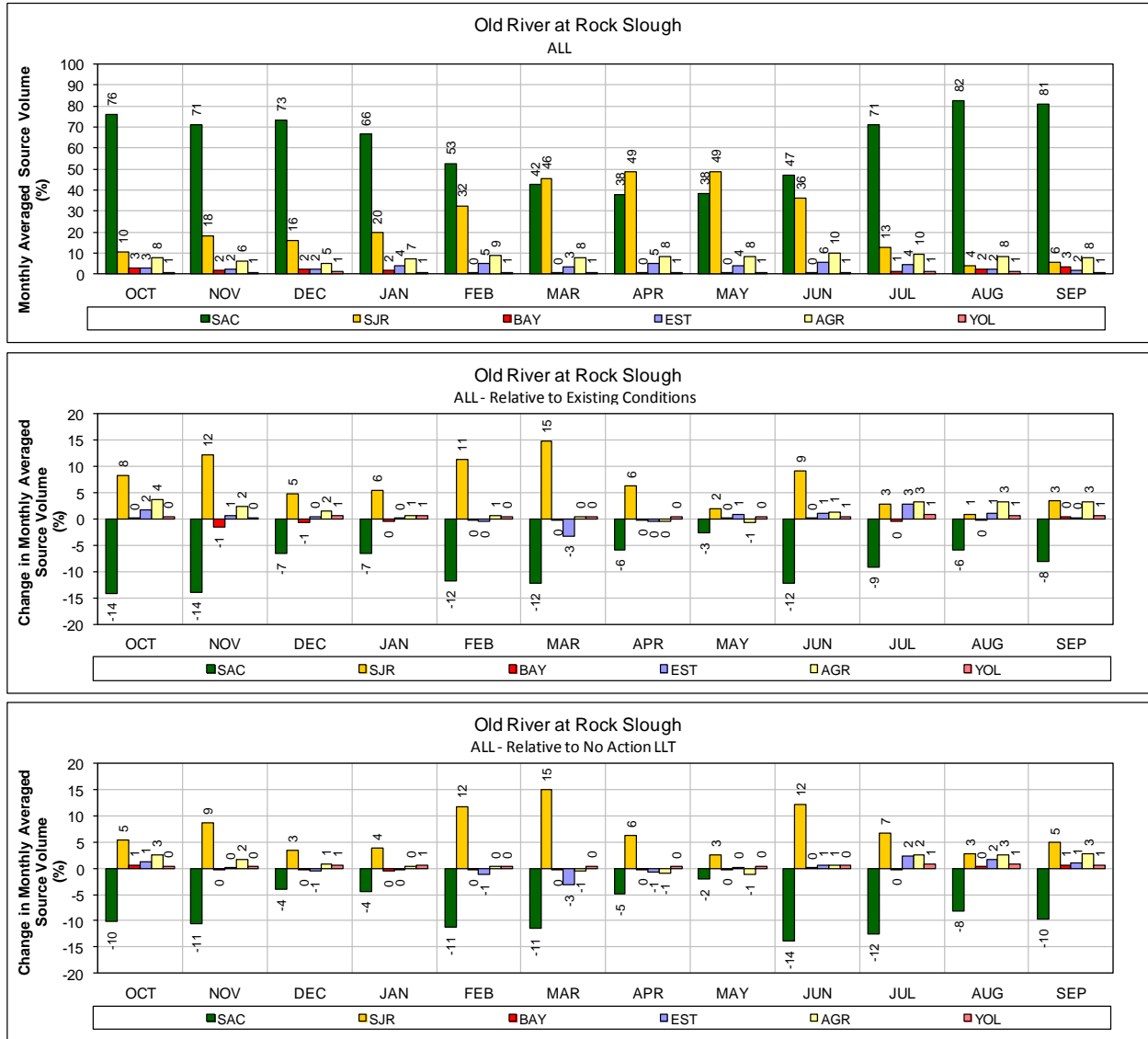
1 **Figure 92.ALT 4 Scenario H1 – San Joaquin River at Buckley Cove for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



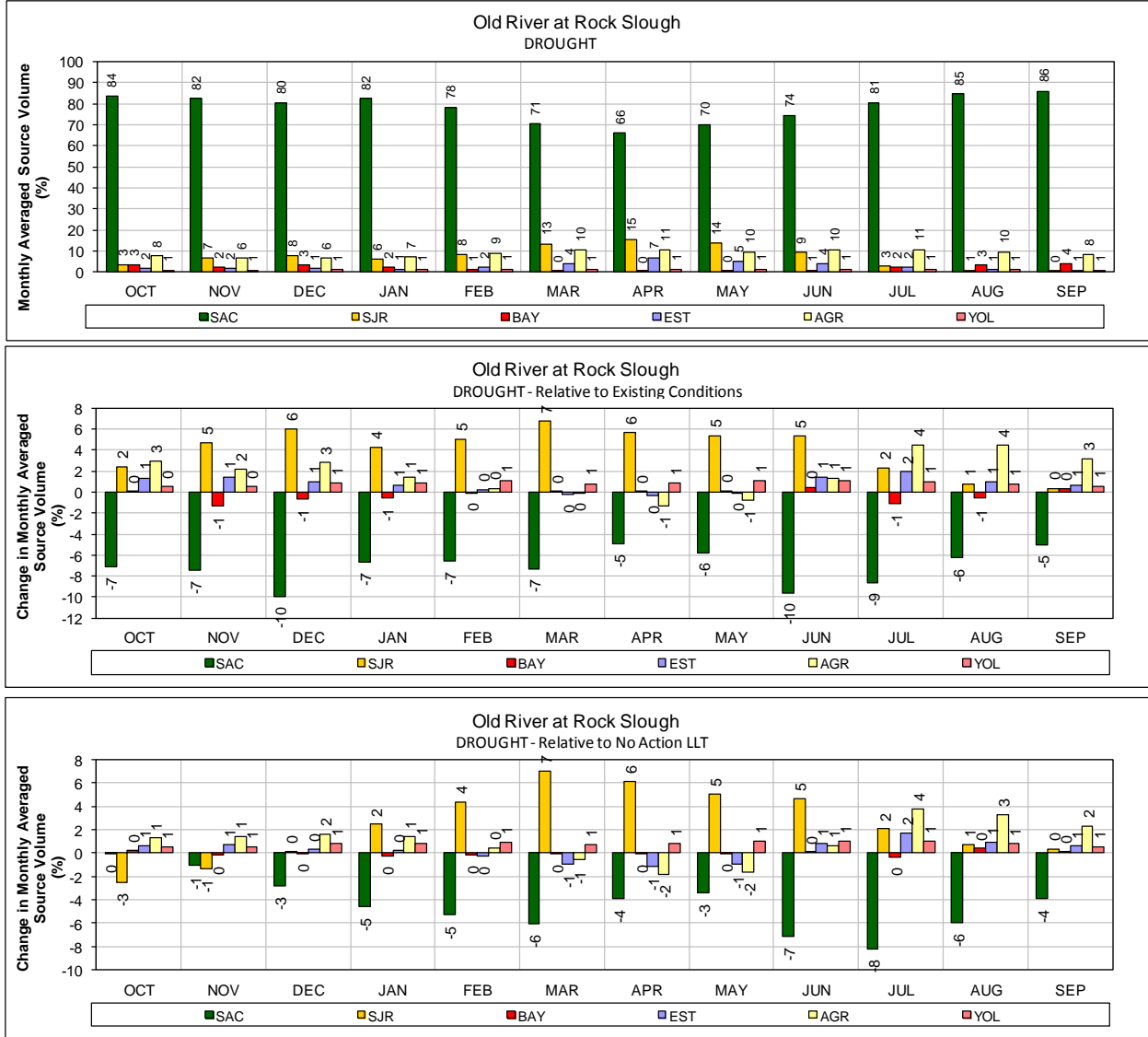
1 **Figure 93.ALT 4 Scenario H1 – Franks Tract for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



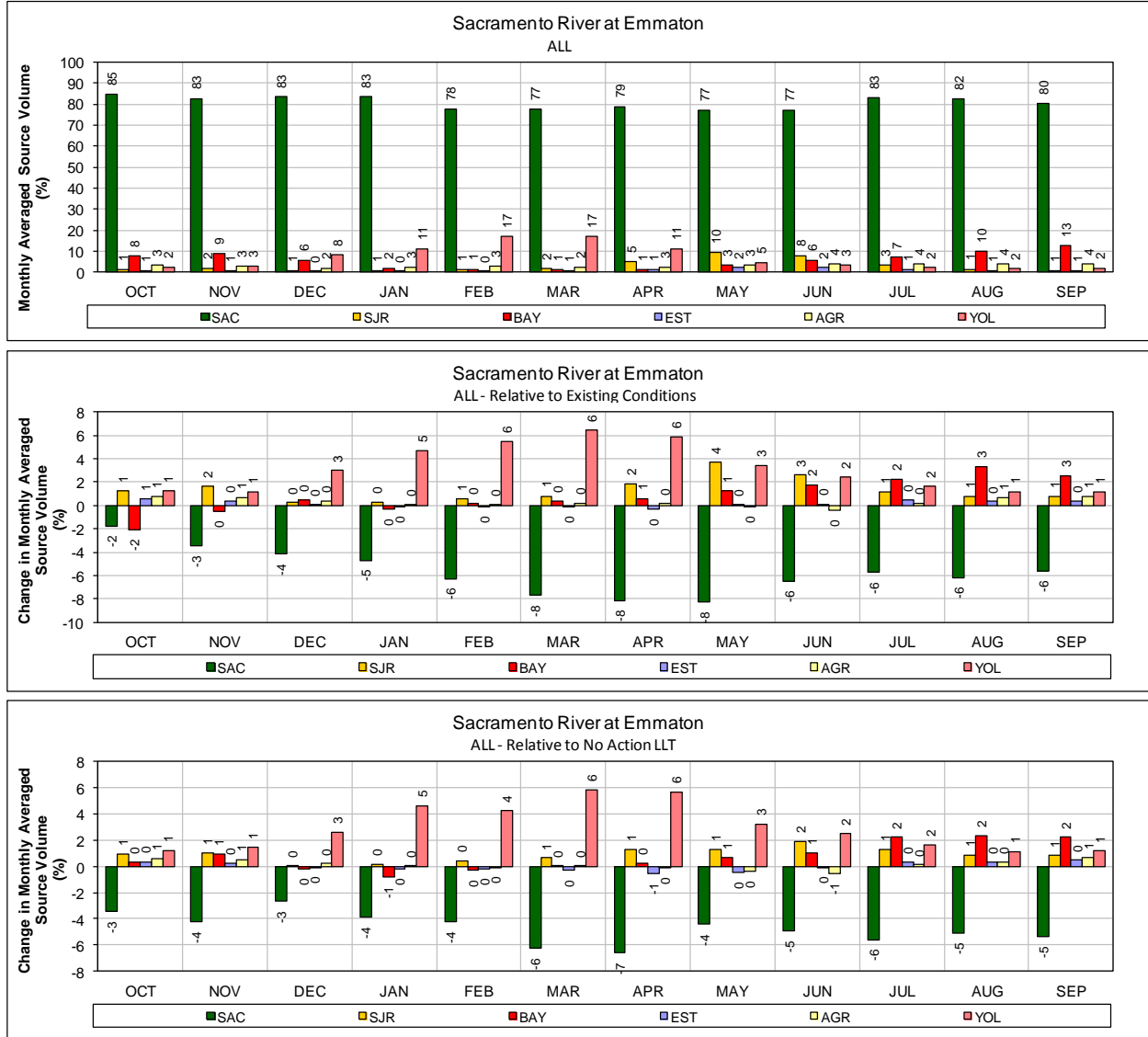
1 **Figure 94.ALT 4 Scenario H1 – Franks Tract for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



- 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



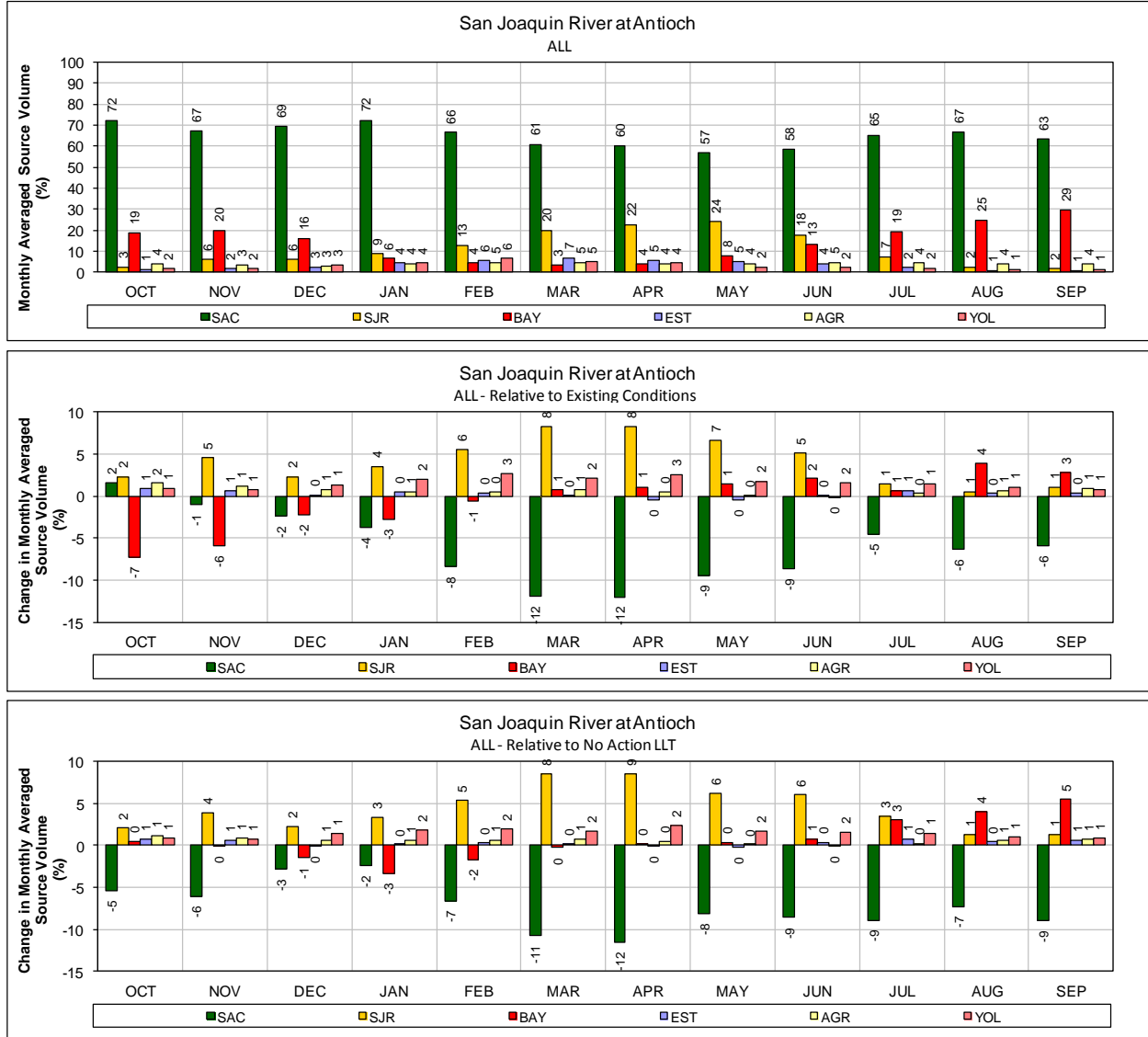
1 **Figure 96.ALT 4 Scenario H1 – Old River at Rock Slough for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



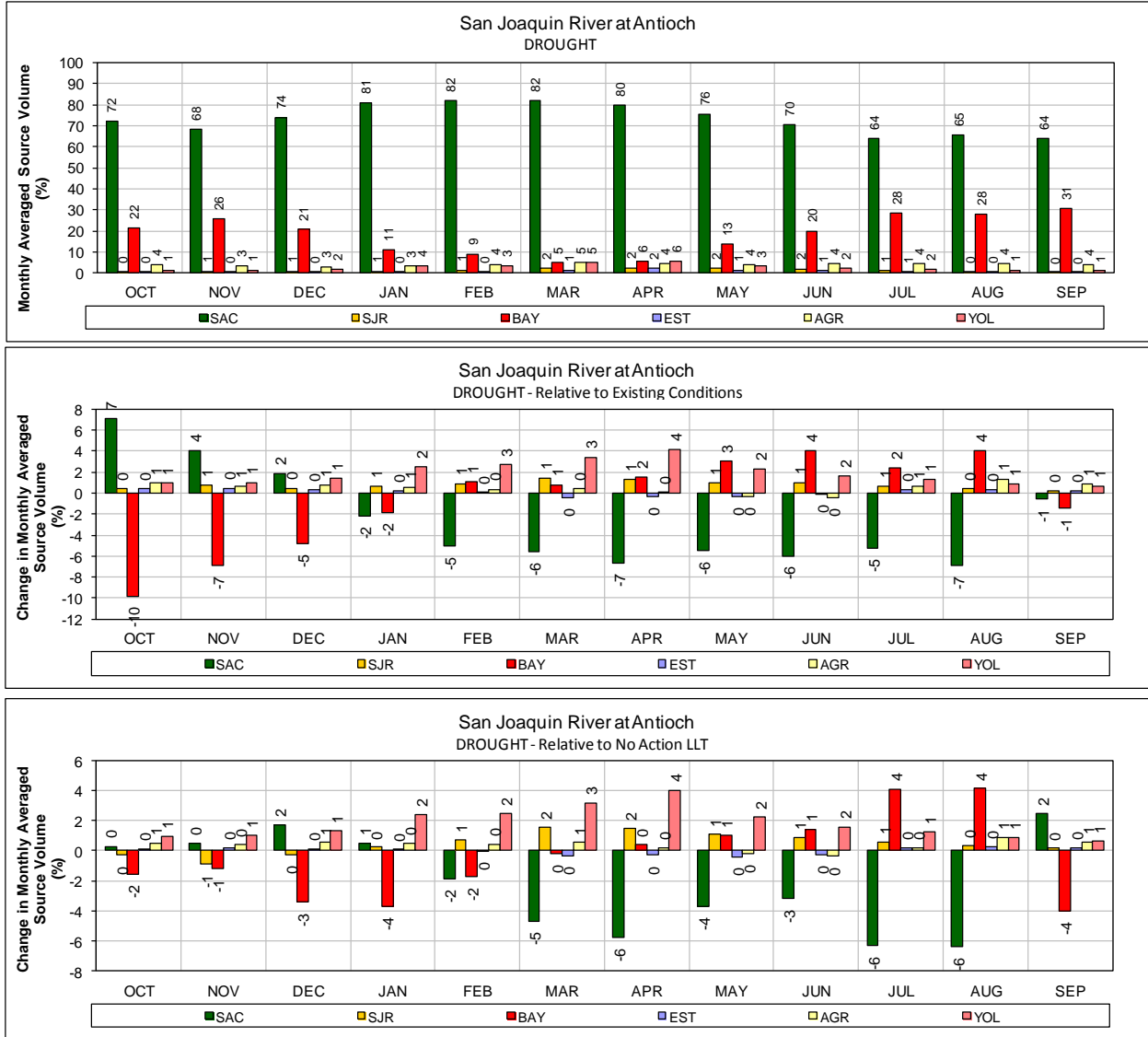
- 1 **Figure 97.ALT 4 Scenario H1 – Sacramento River at Emmaton for ALL years (1976-1991)**
- 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**
- 3



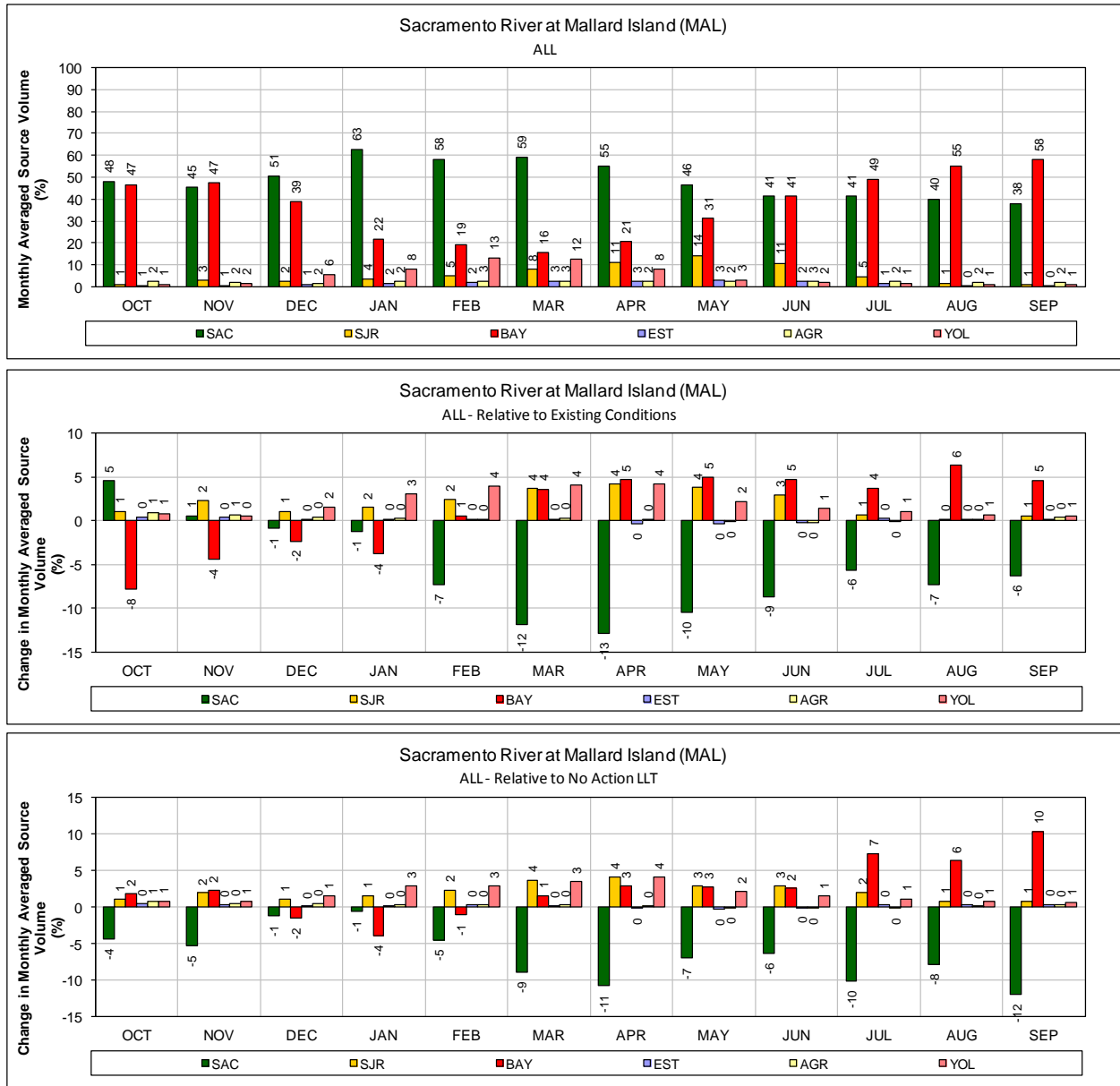
1 **Figure 98.ALT 4 Scenario H1 – Sacramento River at Emmaton for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



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

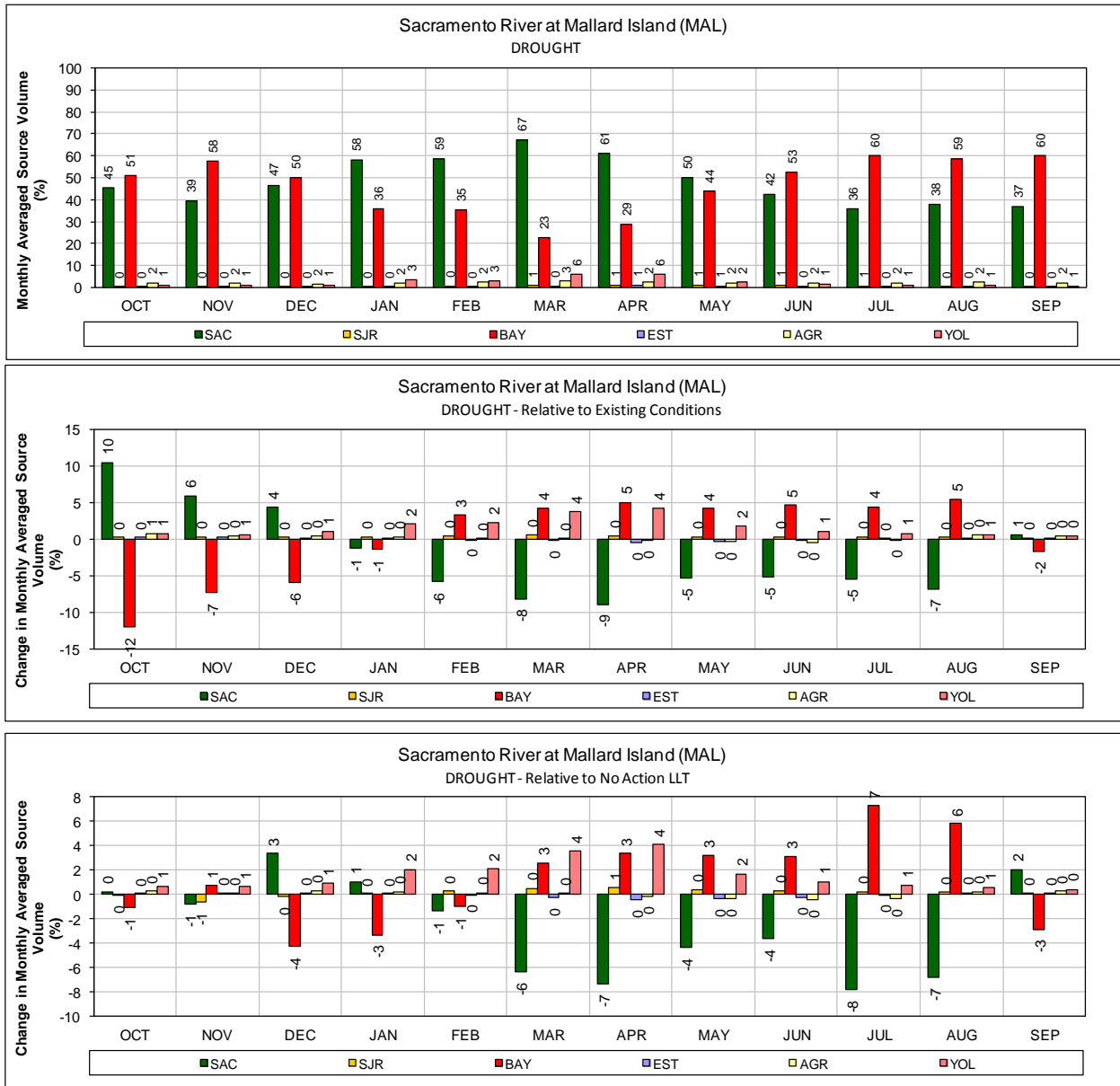


1 **Figure 100. ALT 4 Scenario H1 – San Joaquin River at Antioch for DROUGHT years (1987-**
 2 **1991)**
 3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



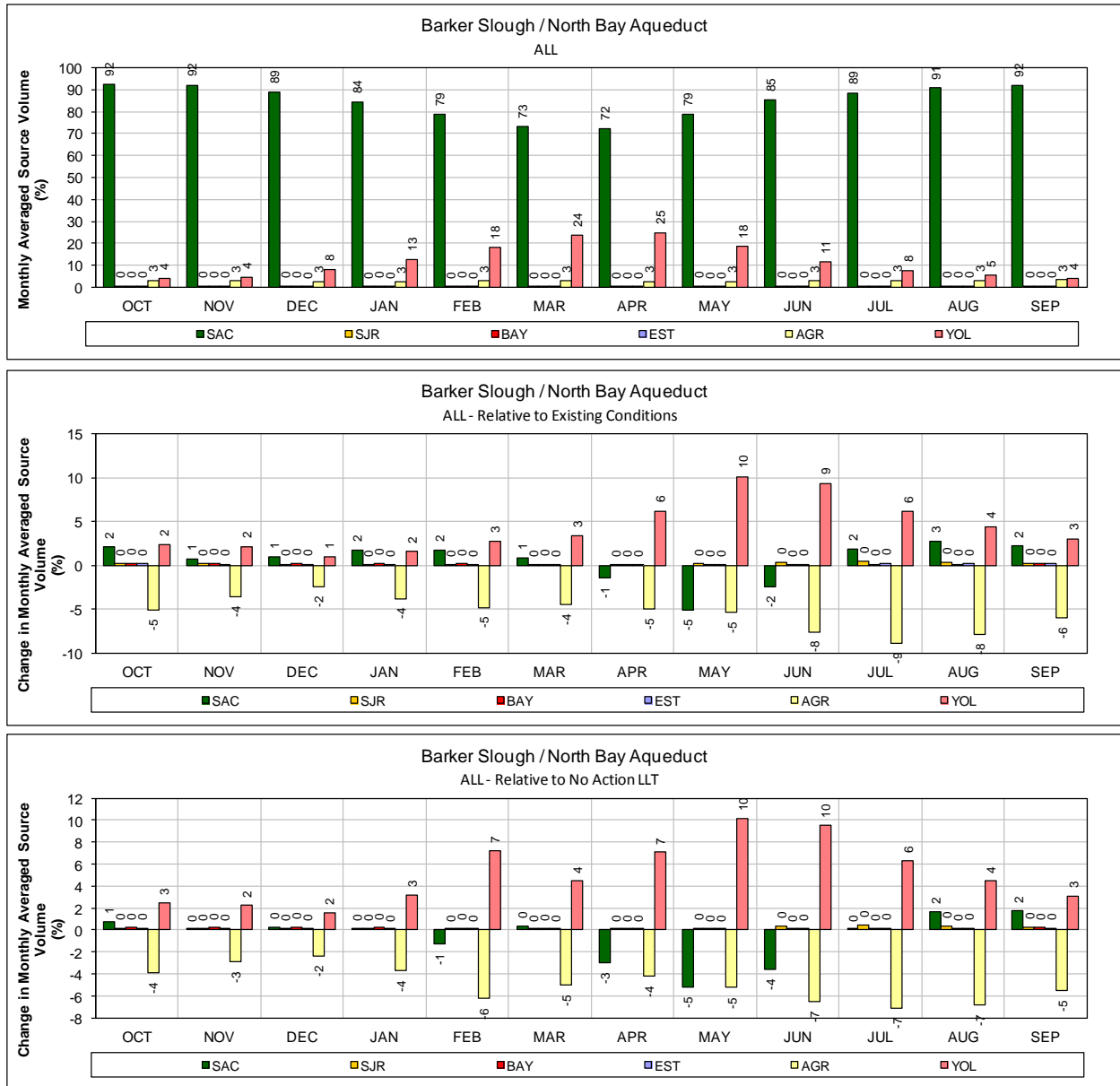
1 **Figure 101. ALT 4 Scenario H1 – Sacramento River at Mallard Island for ALL years (1976-**
 2 **1991)**

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).**



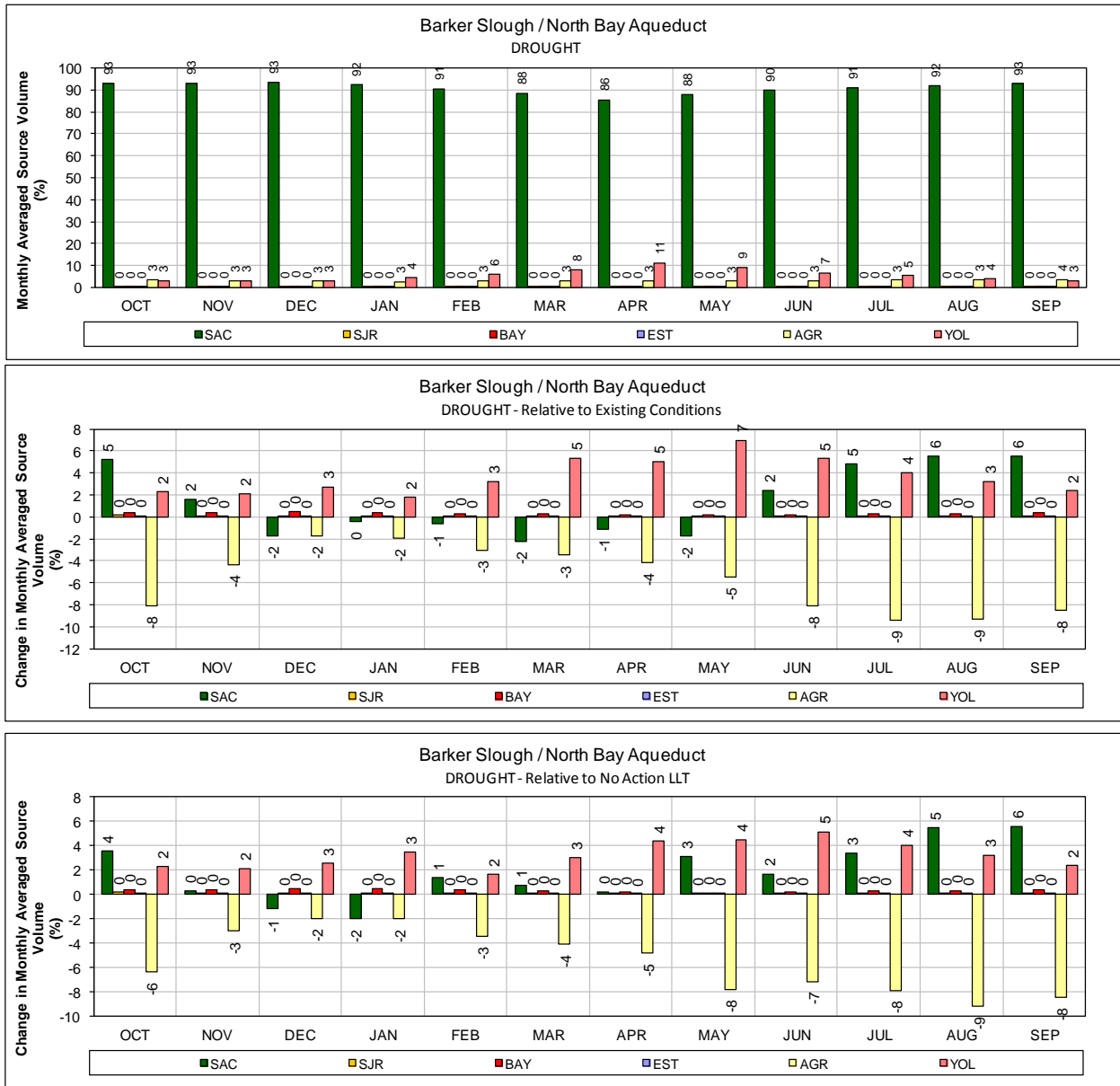
1 **Figure 102. ALT 4 Scenario H1 – Sacramento River at Mallard Island for DROUGHT years**
 2 **(1987-1991)**

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).**

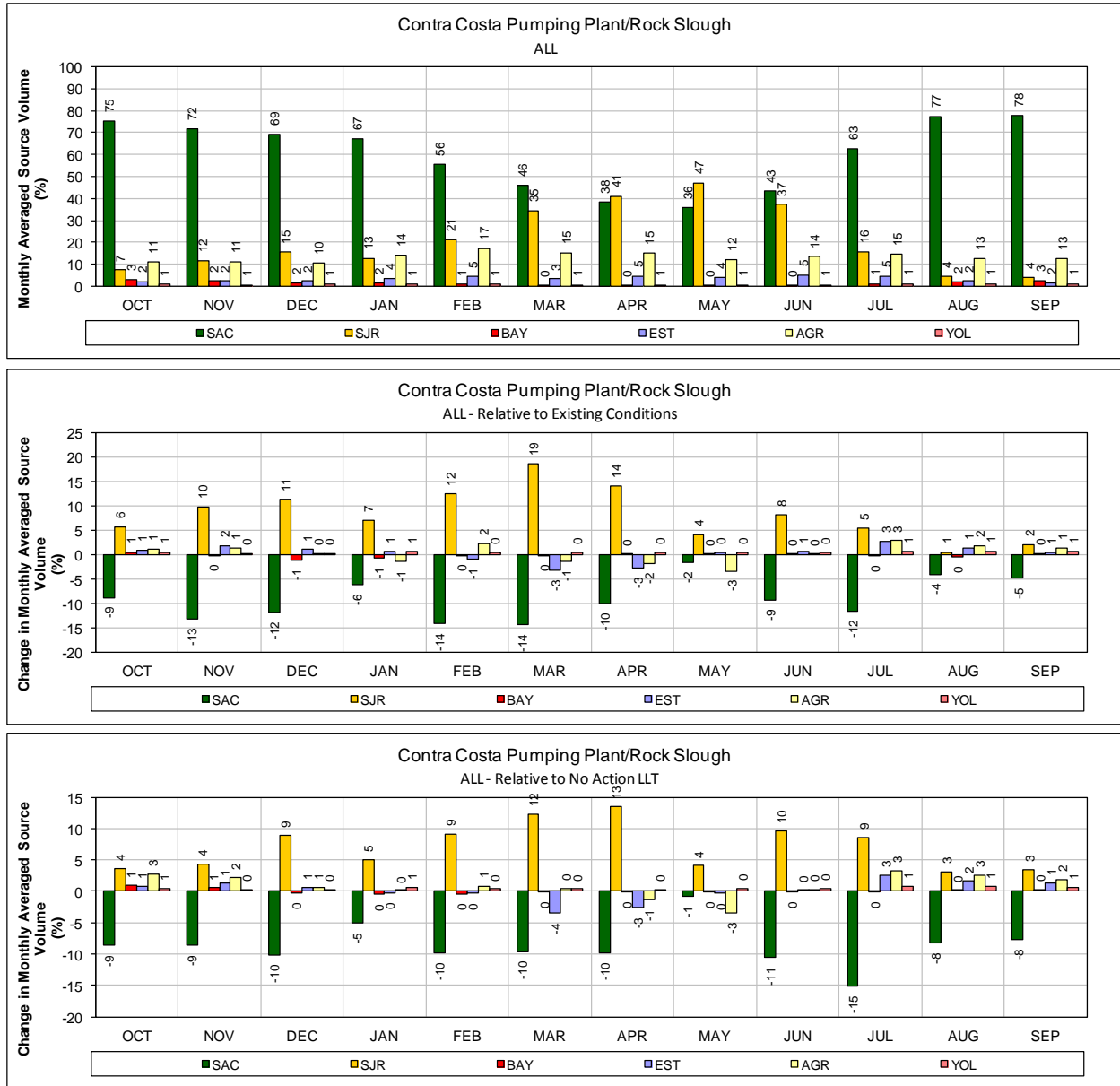


1 **Figure 103. ALT 4 Scenario H1 – North Bay Aqueduct at Barker Slough Pumping Plant for ALL**
 2 **years (1976-1991)**

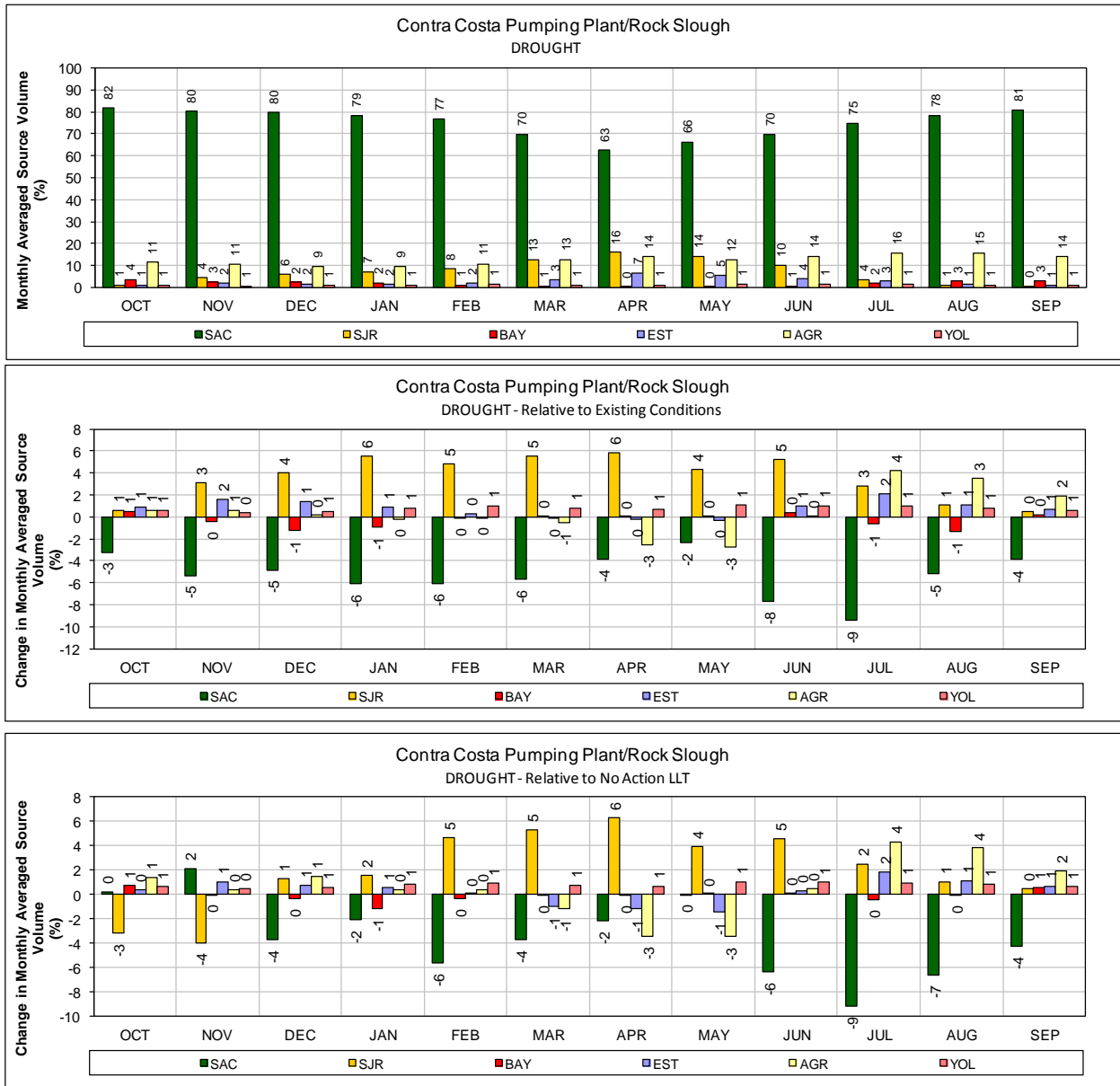
3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



1 **Figure 104. ALT 4 Scenario H1 – North Bay Aqueduct at Barker Slough Pumping Plant for**
 2 **DROUGHT 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).**

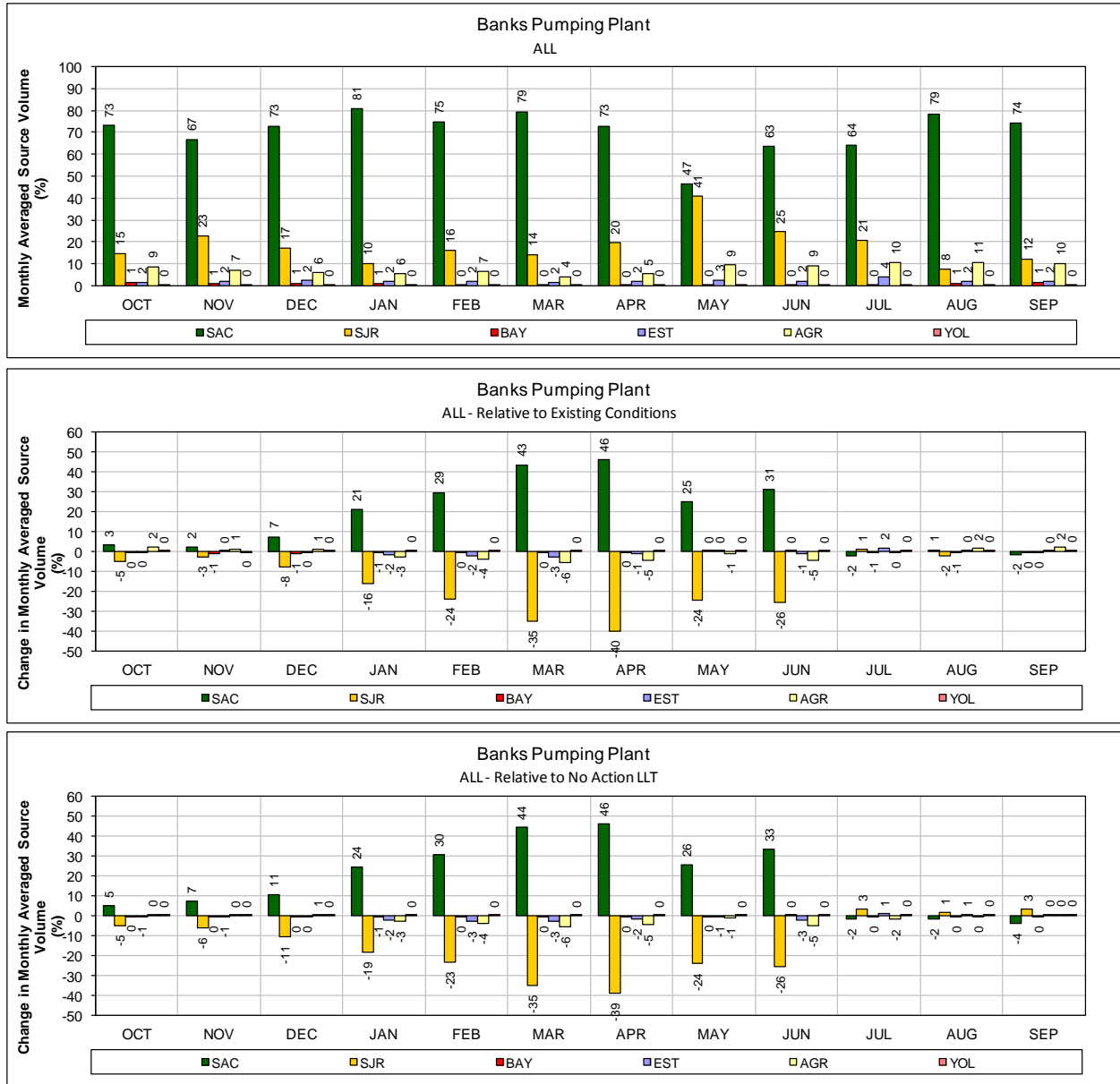


1 **Figure 105. ALT 4 Scenario H1 – Contra Costa Pumping Plant #1 for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**

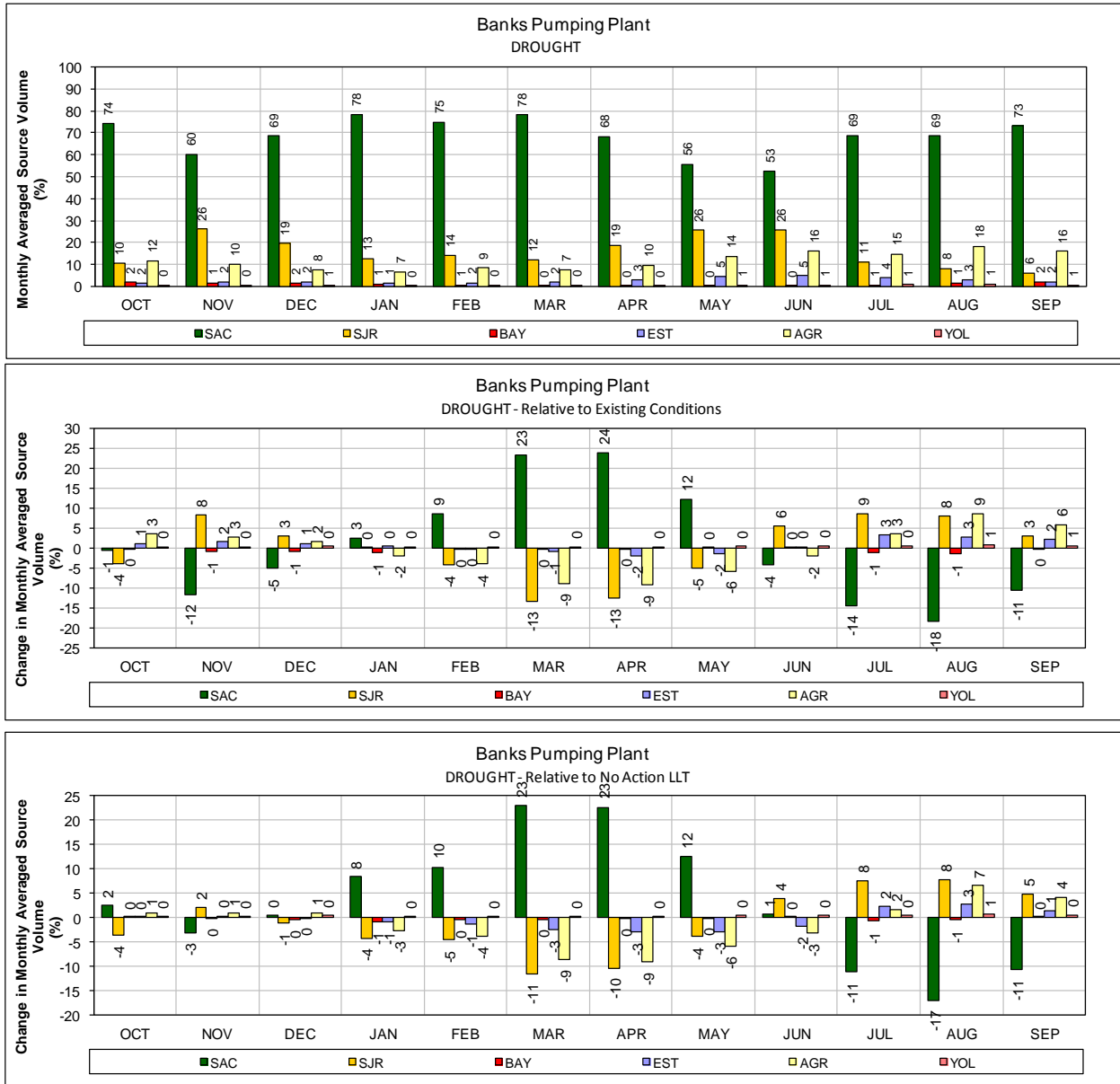


1 **Figure 106. ALT 4 Scenario H1 – Contra Costa Pumping Plant #1 for DROUGHT years (1987-**
 2 **1991)**

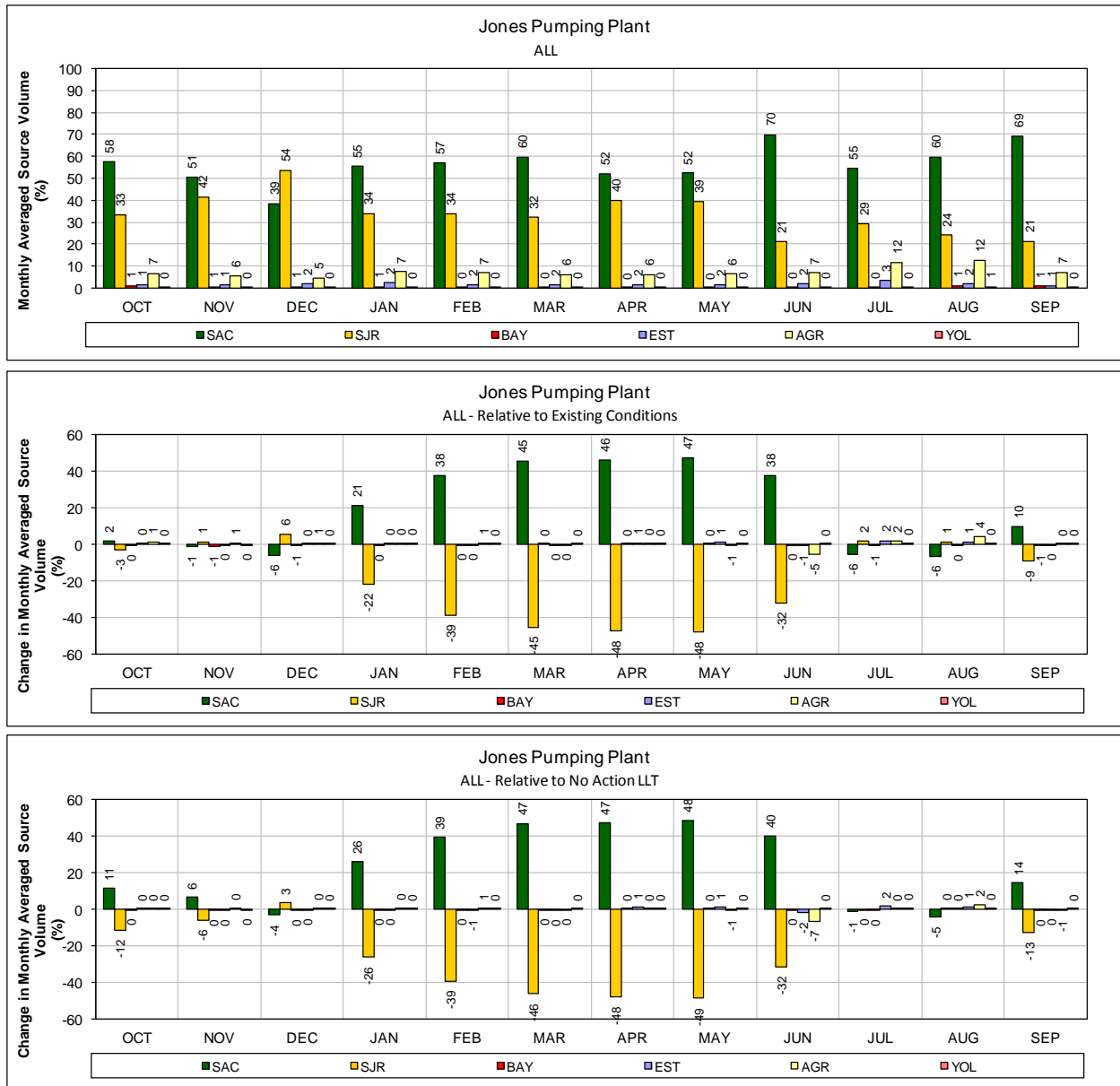
3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



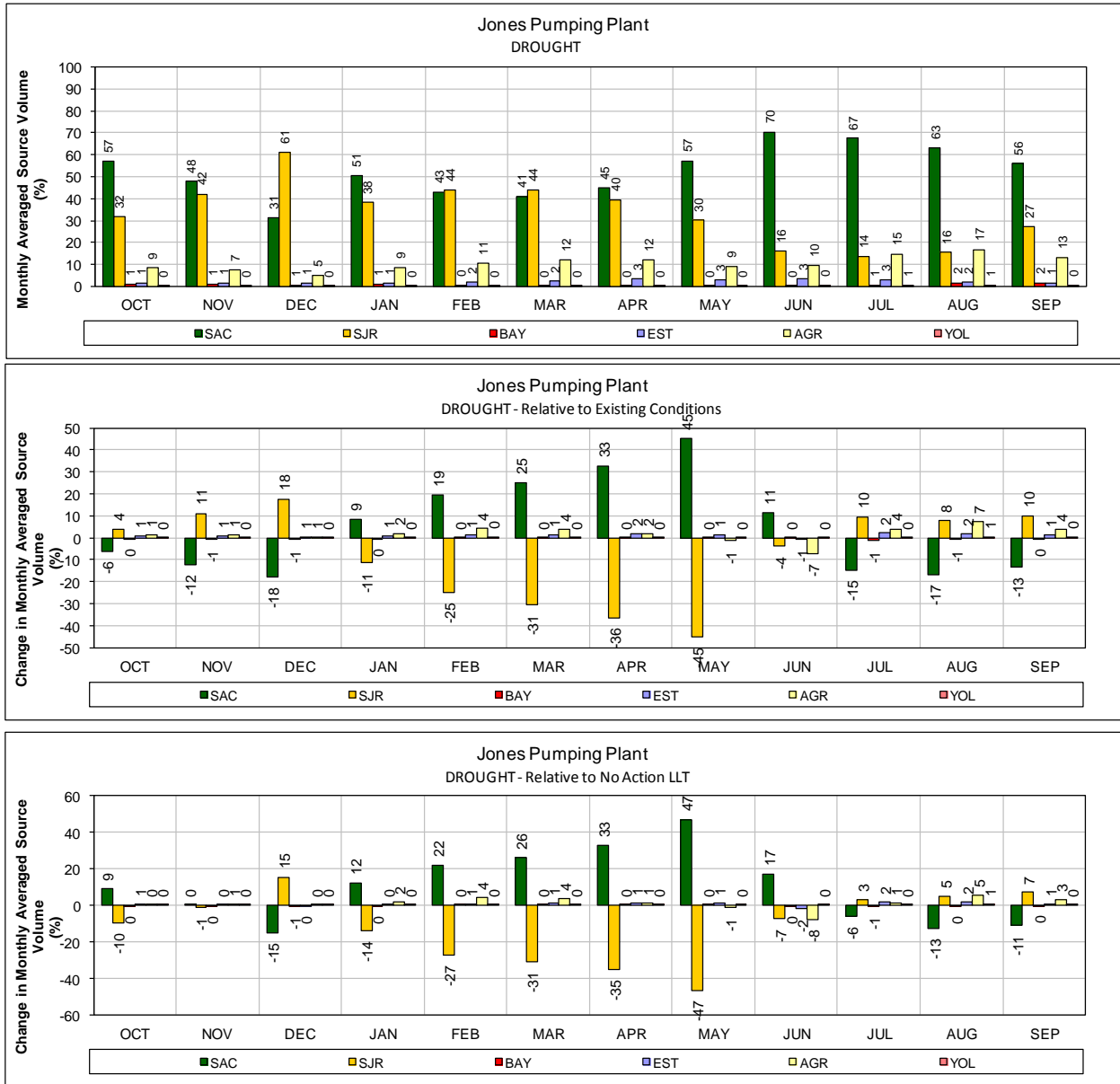
1 **Figure 107. ALT 4 Scenario H1 – Banks Pumping Plant for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



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



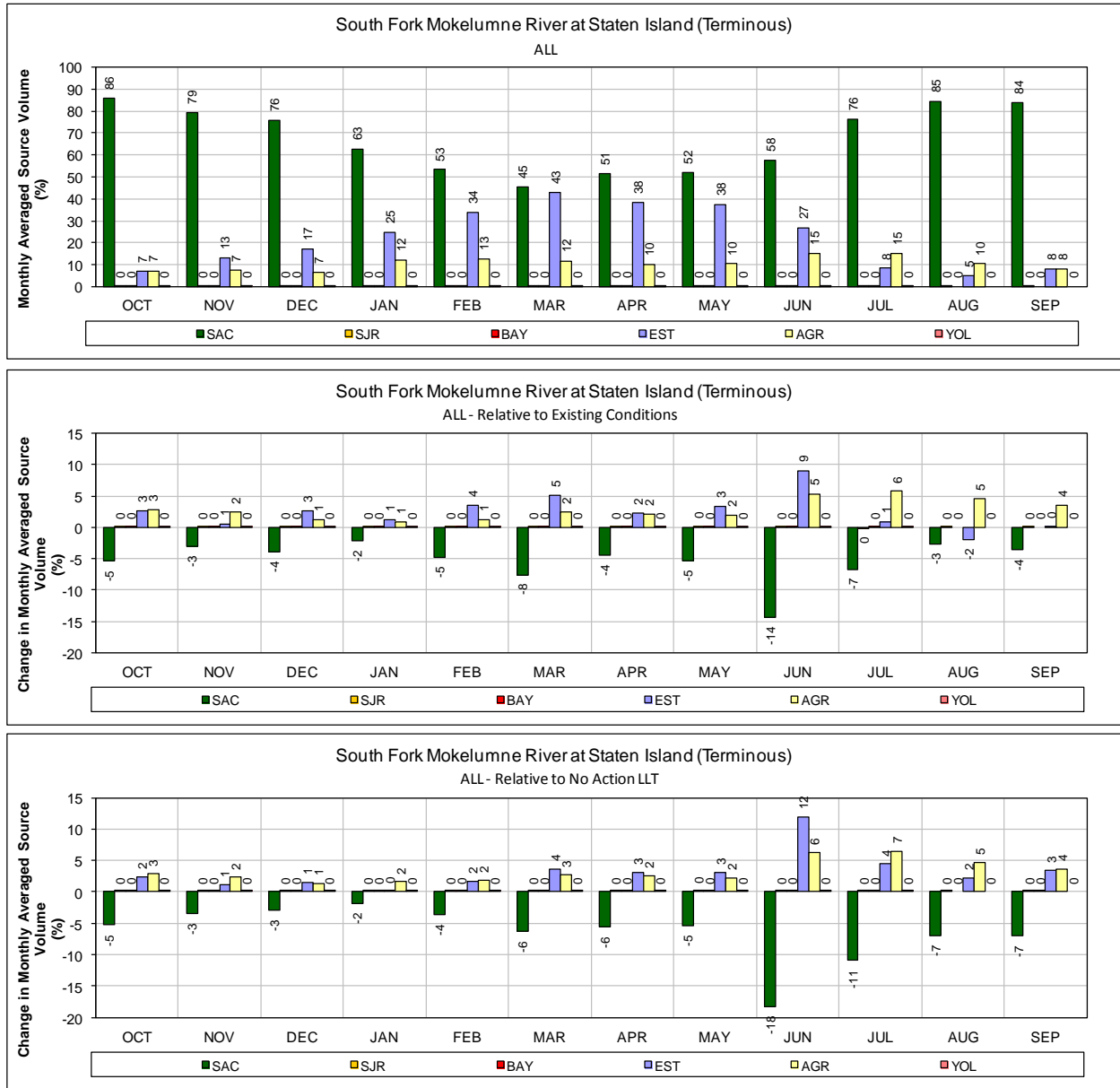
1 **Figure 110. ALT 4 Scenario H1 – Jones Pumping Plant for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**

1

2

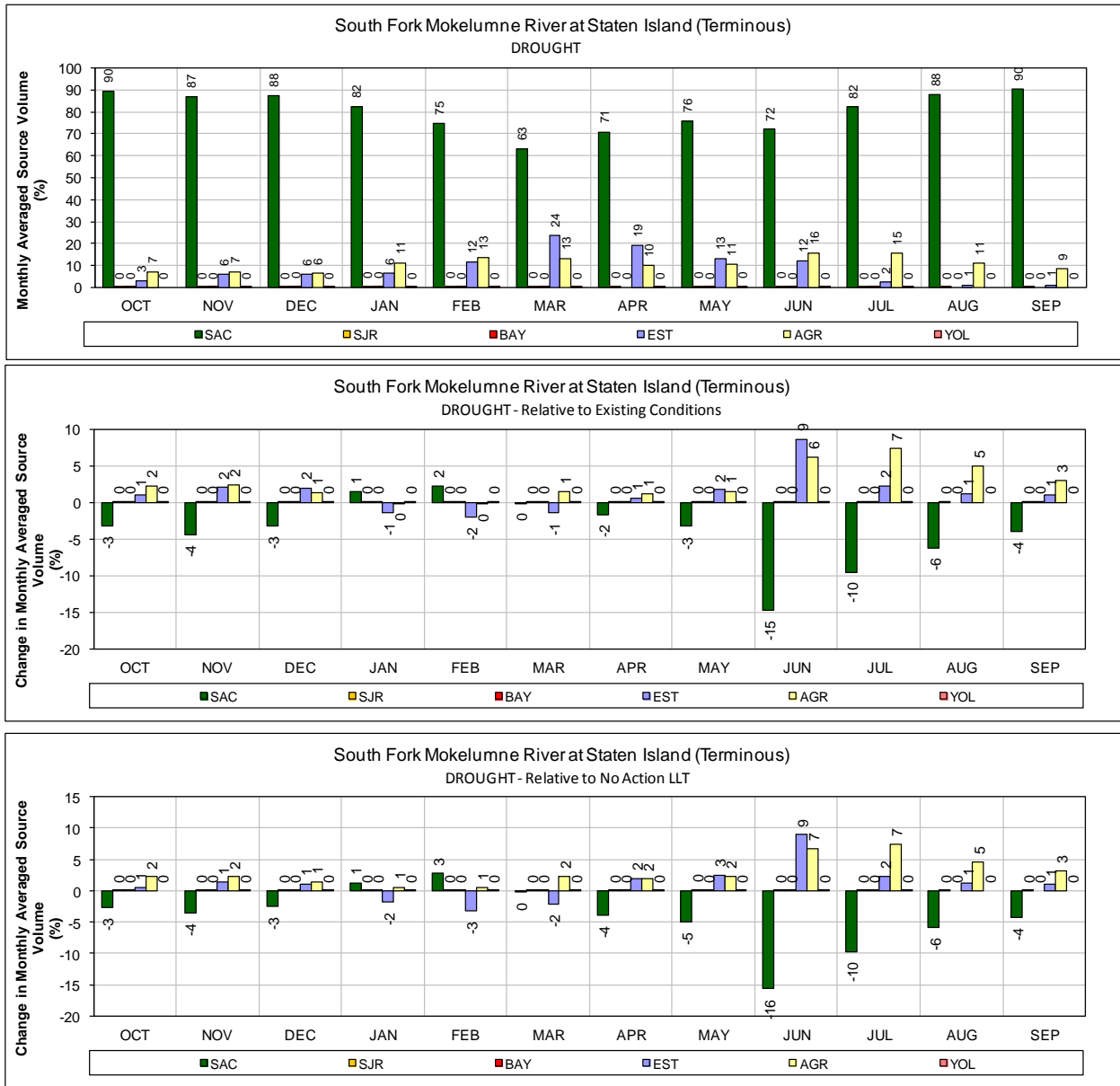
Alternative 4 LLT Scenario H2

3



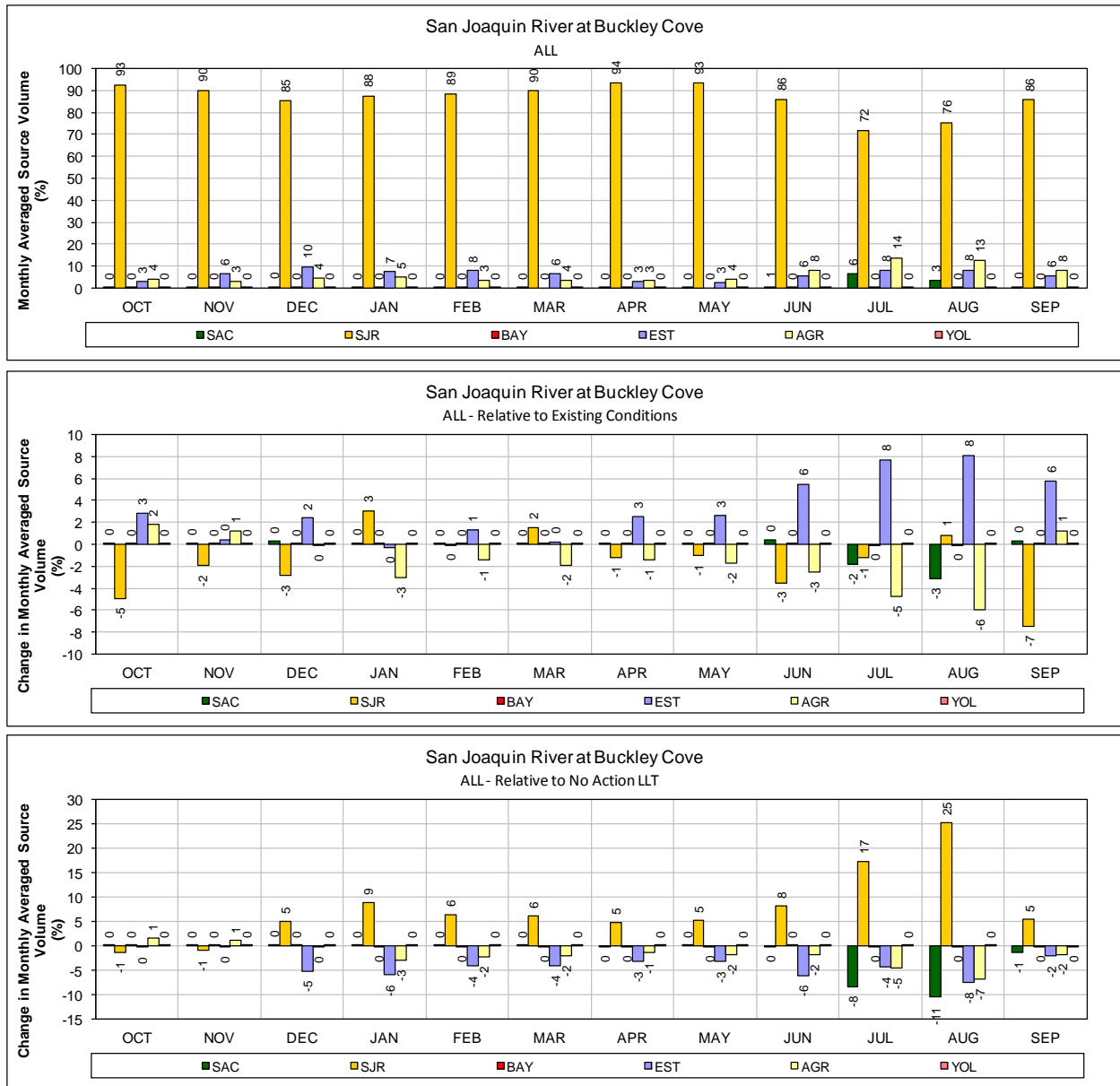
1 **Figure 111. ALT 4 Scenario H2 – Mokelumne River (South Fork) at Staten Island for ALL years**
 2 **(1976-1991)**

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).**

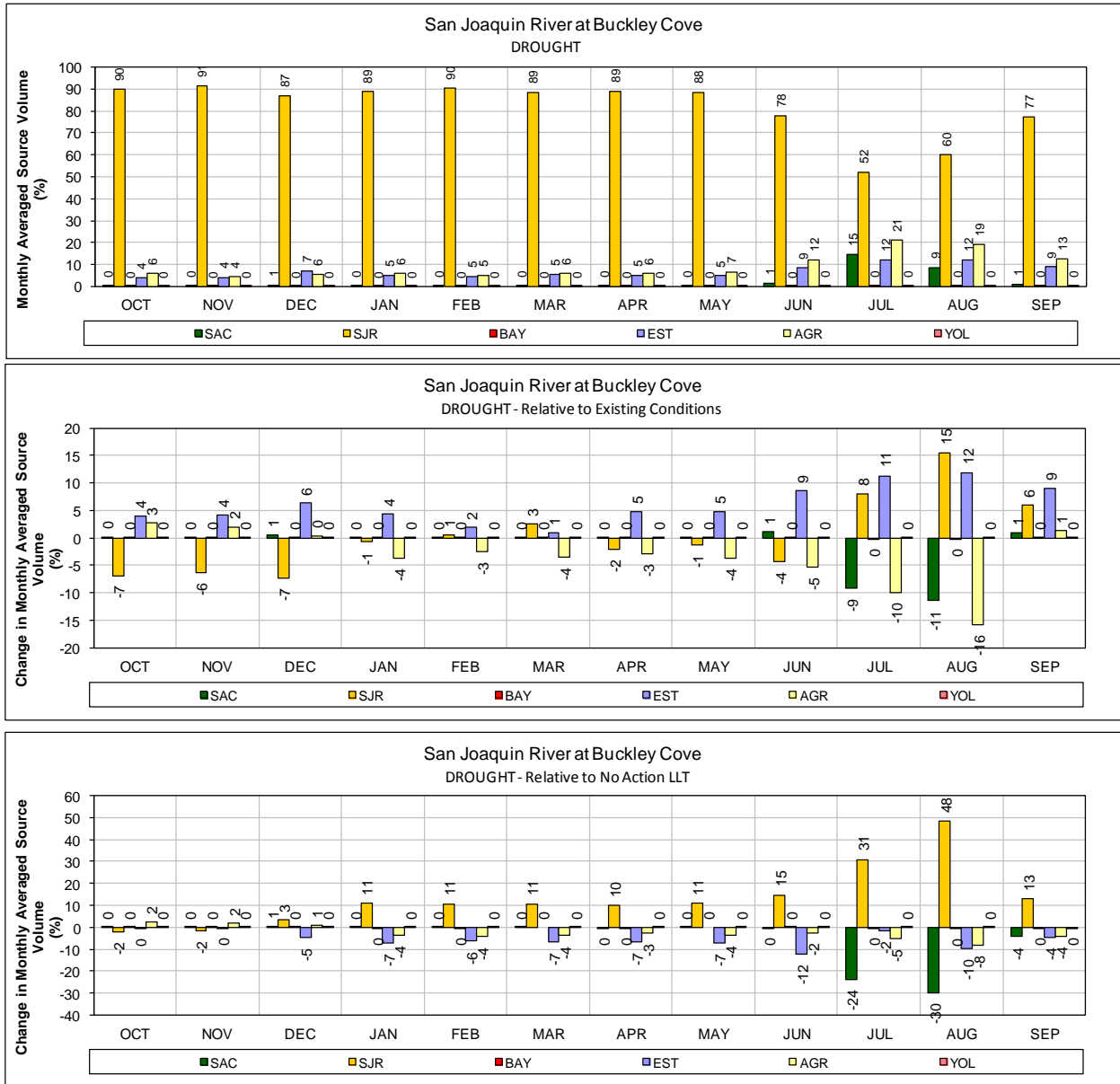


1 **Figure 112. ALT 4 Scenario H2 – Mokelumne River (South Fork) at Staten Island for**
 2 **DROUGHT years (1987-1991)**

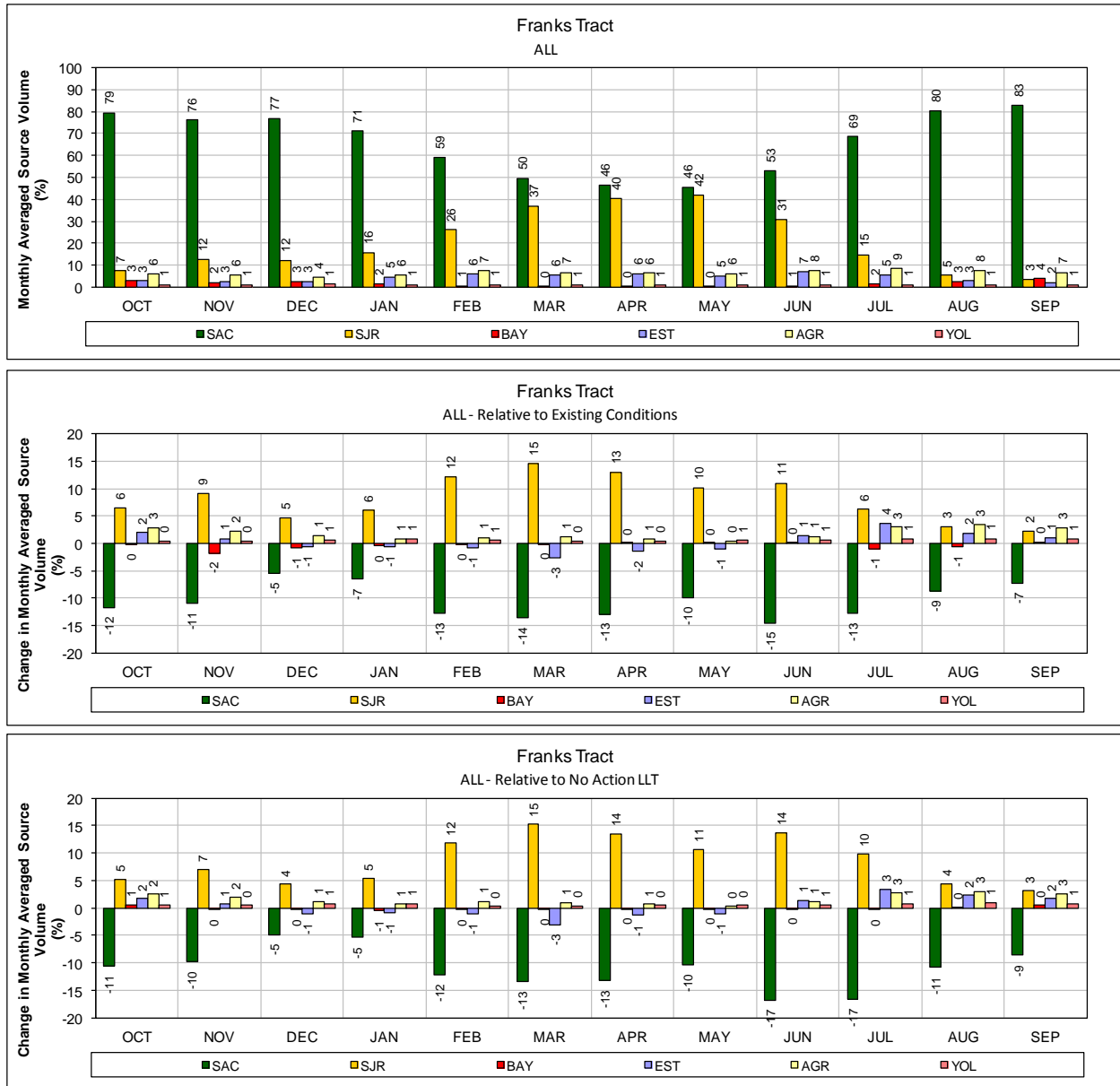
3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



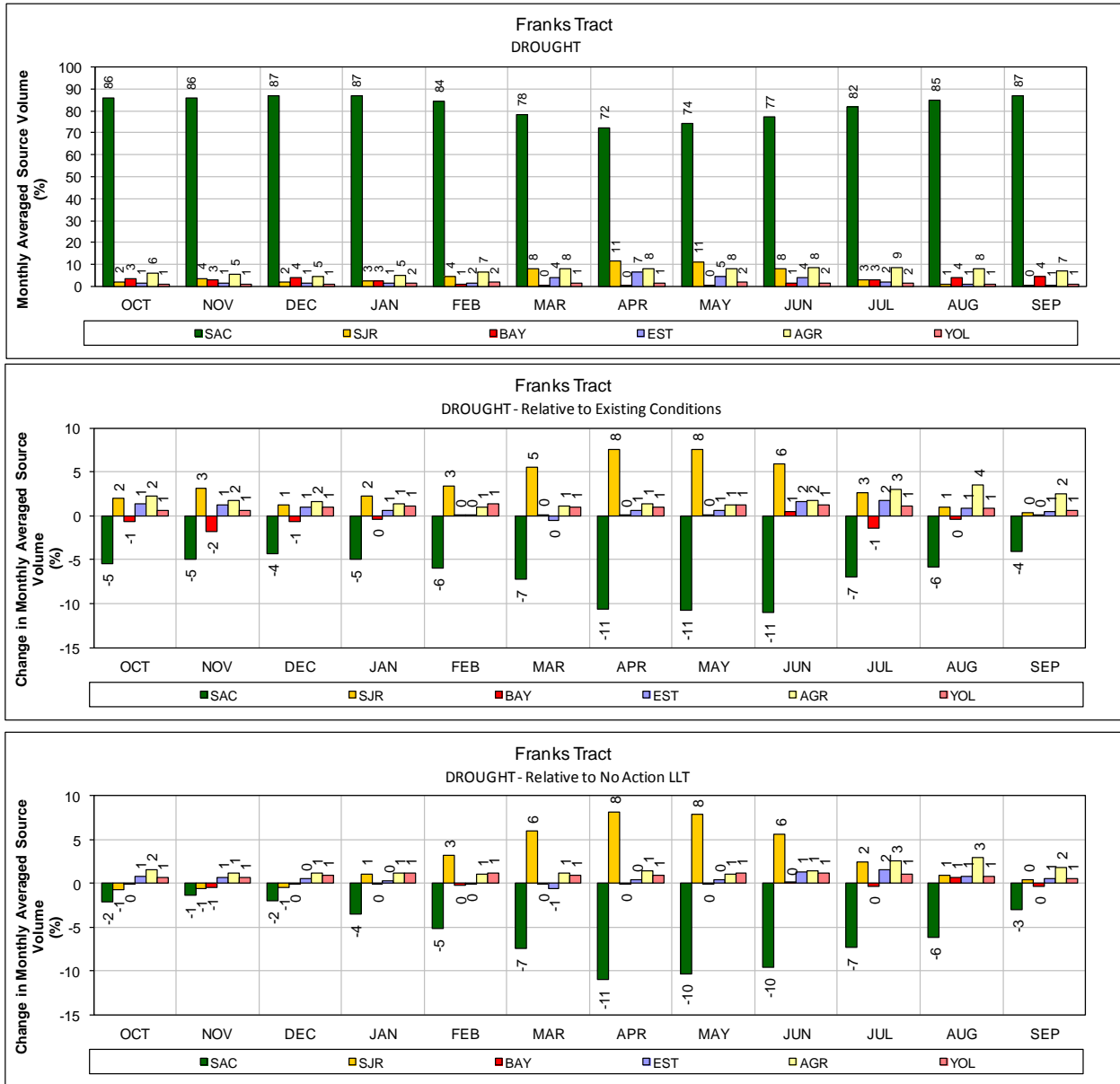
1 **Figure 113. ALT 4 Scenario H2 – San Joaquin River at Buckley Cove for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



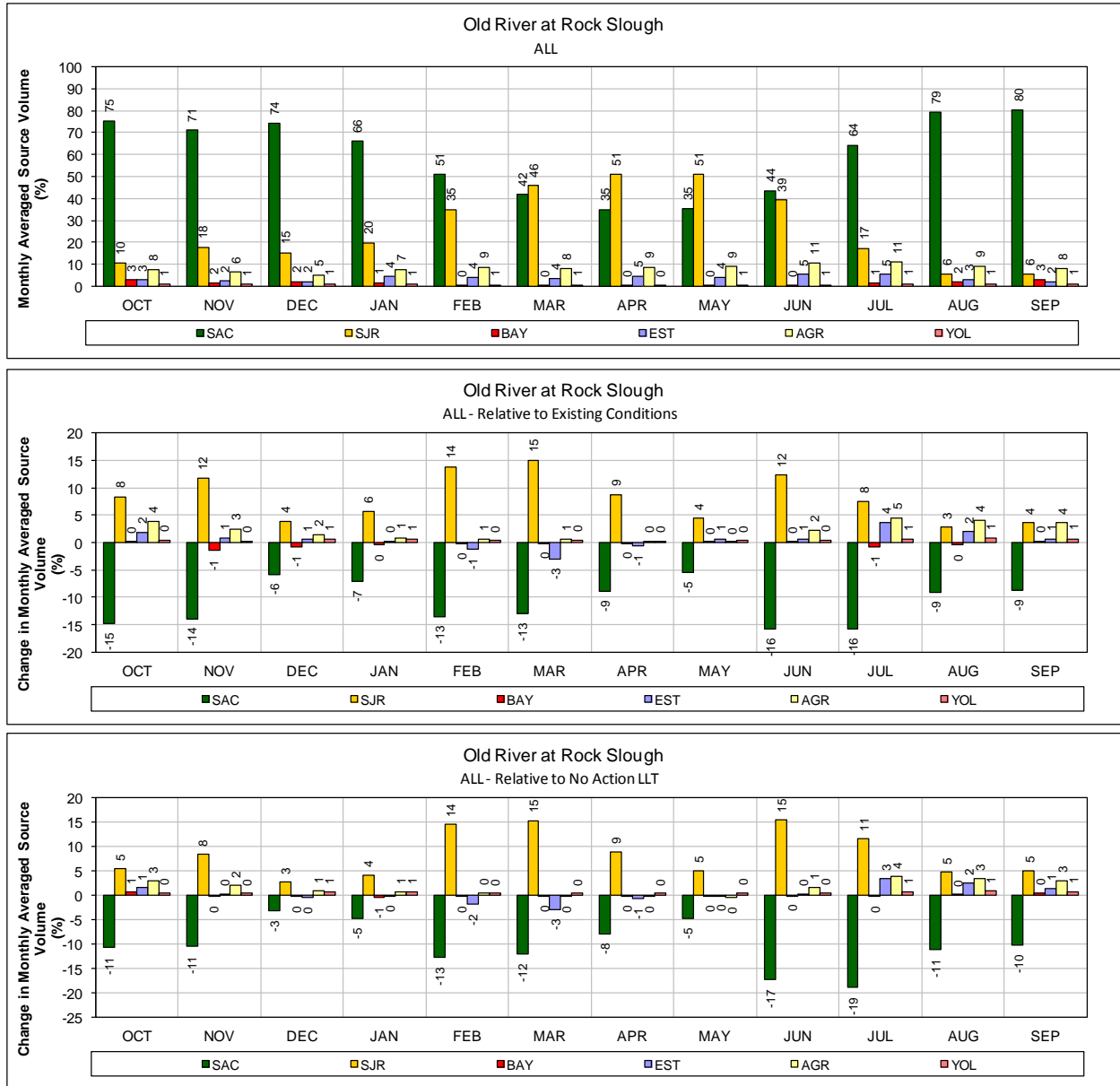
1 **Figure 114. ALT 4 Scenario H2 – San Joaquin River at Buckley Cove for DROUGHT years**
 2 **(1987-1991)**
 3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



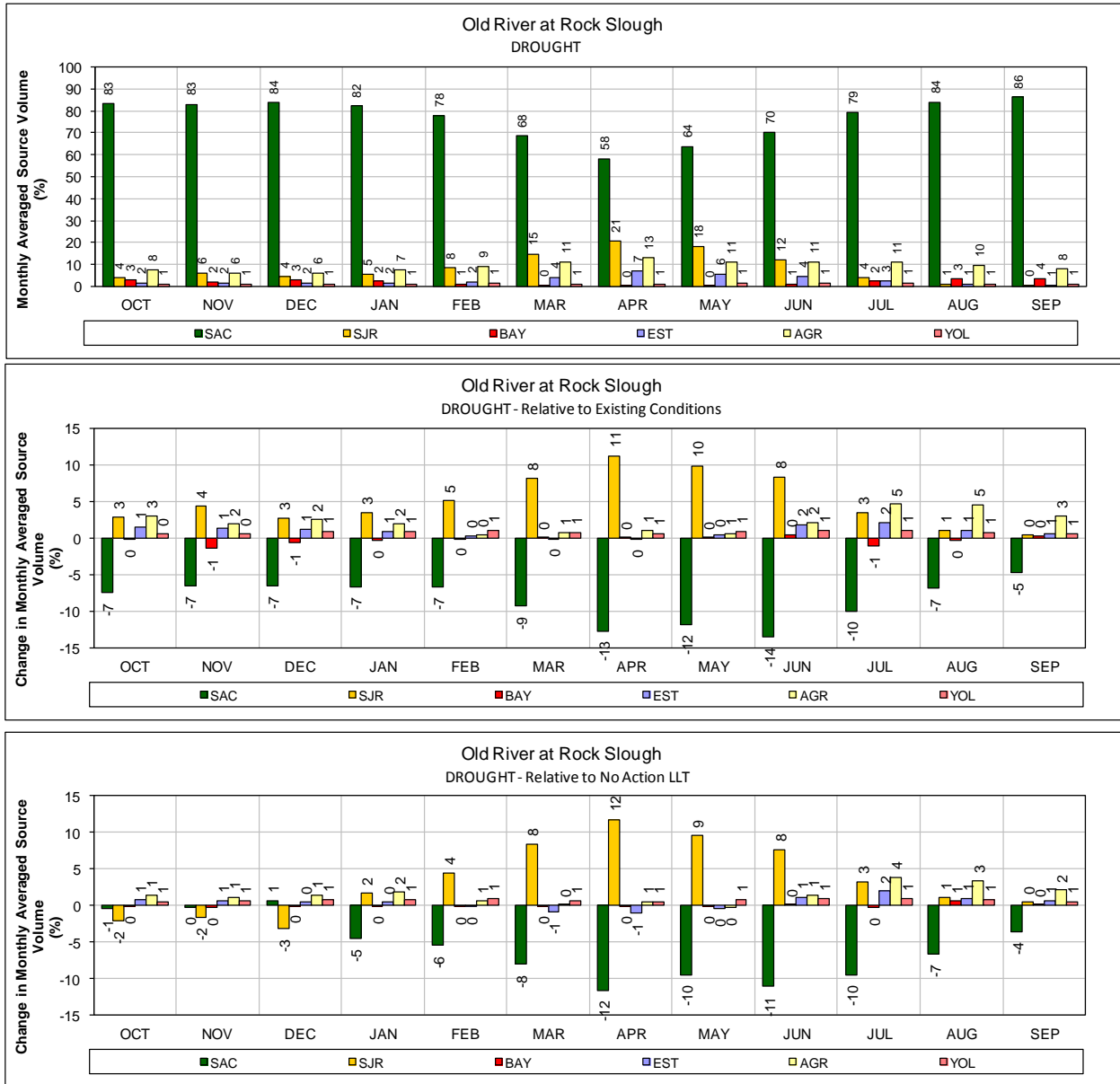
1 **Figure 115. ALT 4 – Franks Tract for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



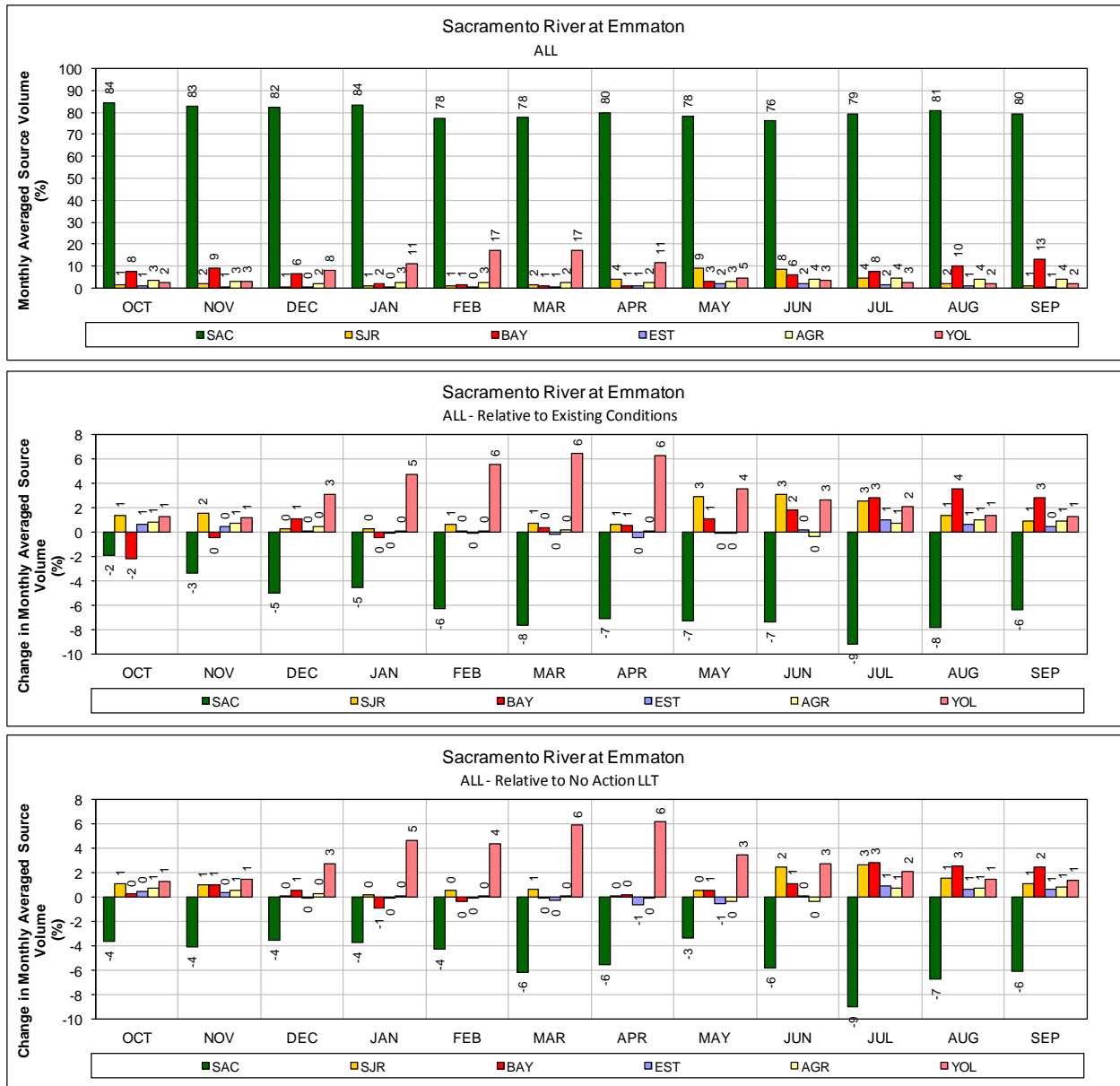
1 **Figure 116. ALT 4 Scenario H2 – Franks Tract for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



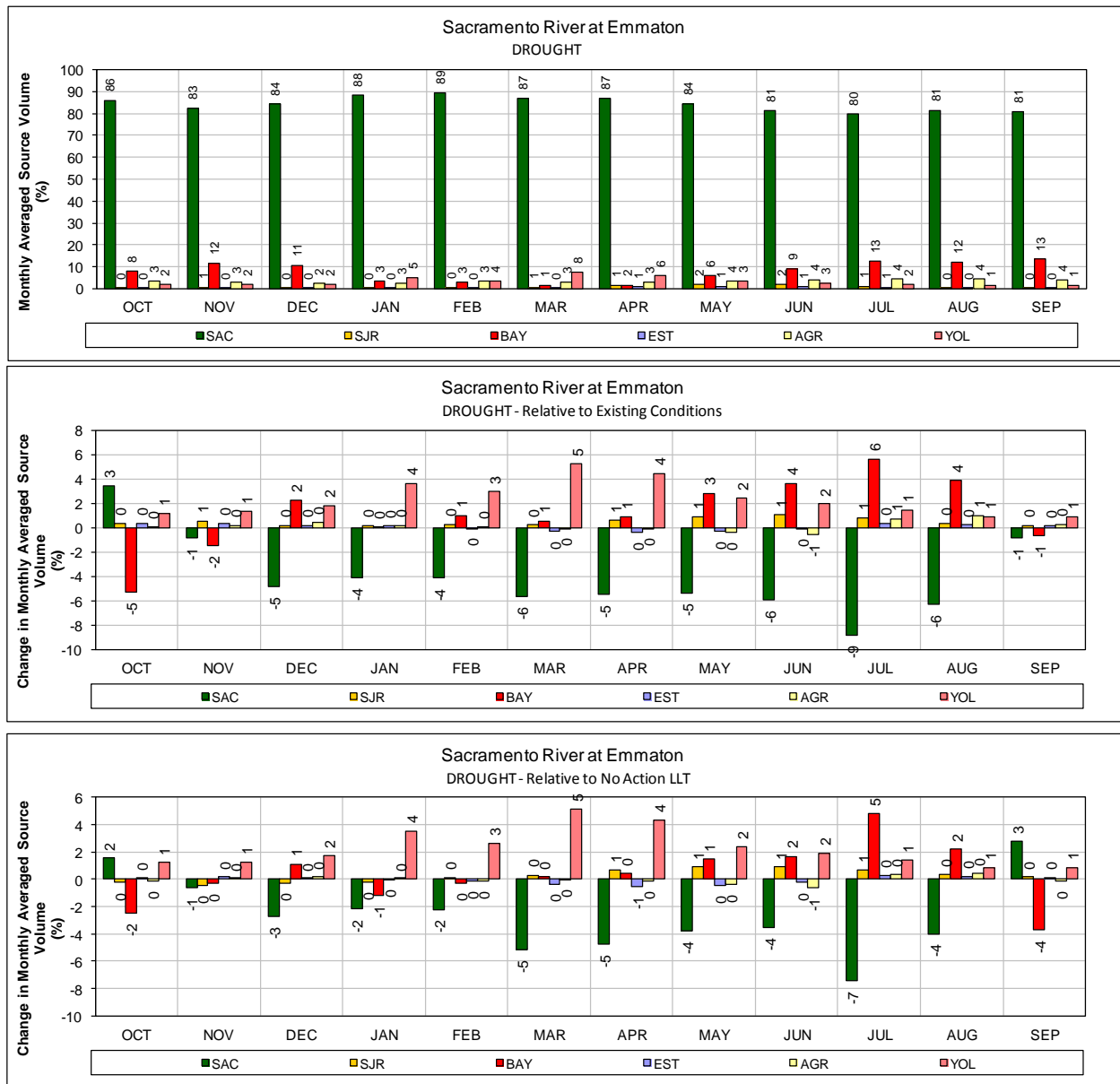
1 **Figure 117. ALT 4 Scenario H2 – Old River at Rock Slough for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



1 **Figure 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).**

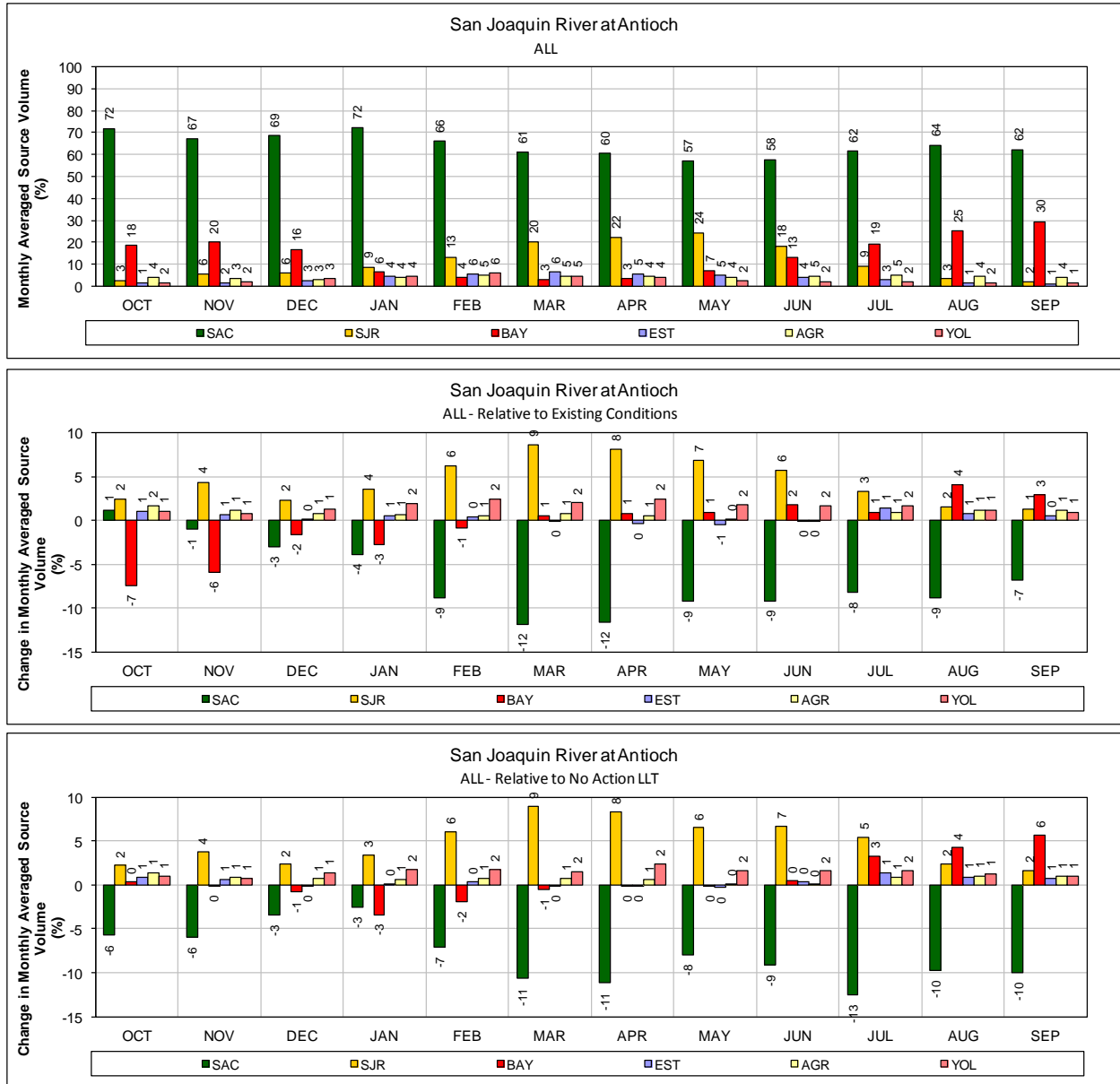


1 **Figure 119. ALT 4 Scenario H2 – Sacramento River at Emmaton for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**

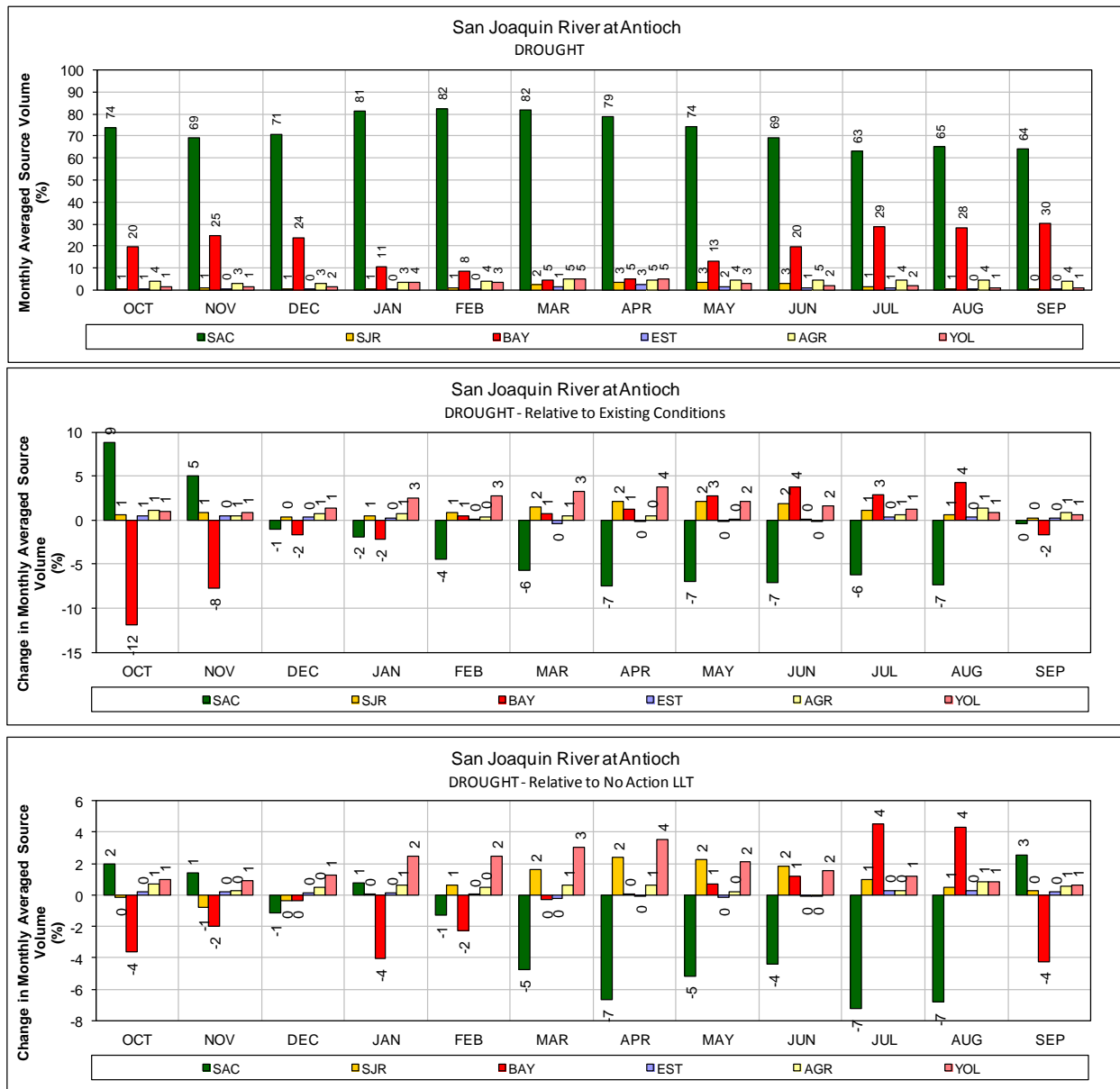


1 **Figure 120. ALT 4 Scenario H2 – Sacramento River at Emmaton for DROUGHT years (1987-**
 2 **1991)**

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).**

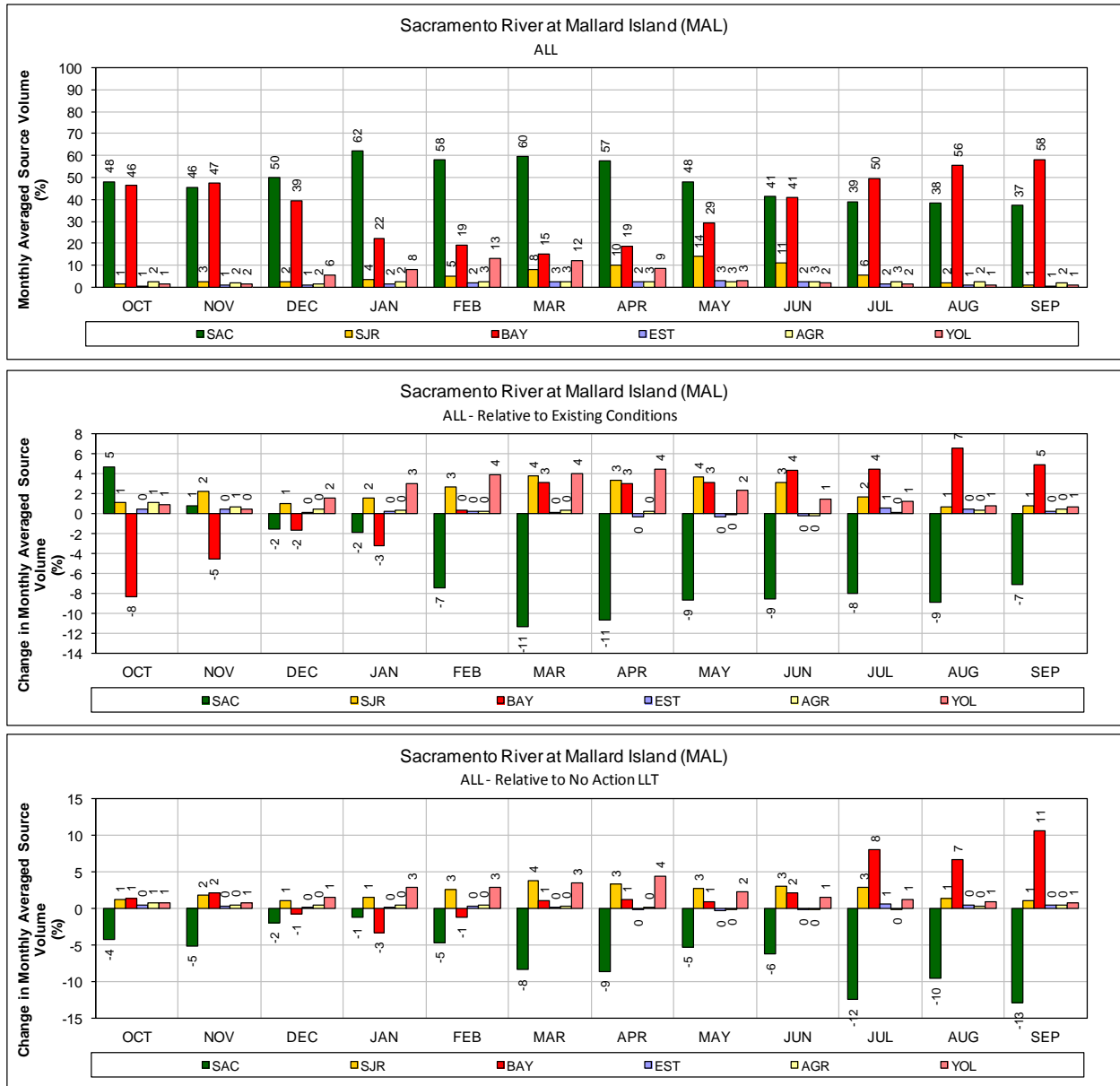


1 **Figure 121. ALT 4 Scenario H2 – San Joaquin River at Antioch for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



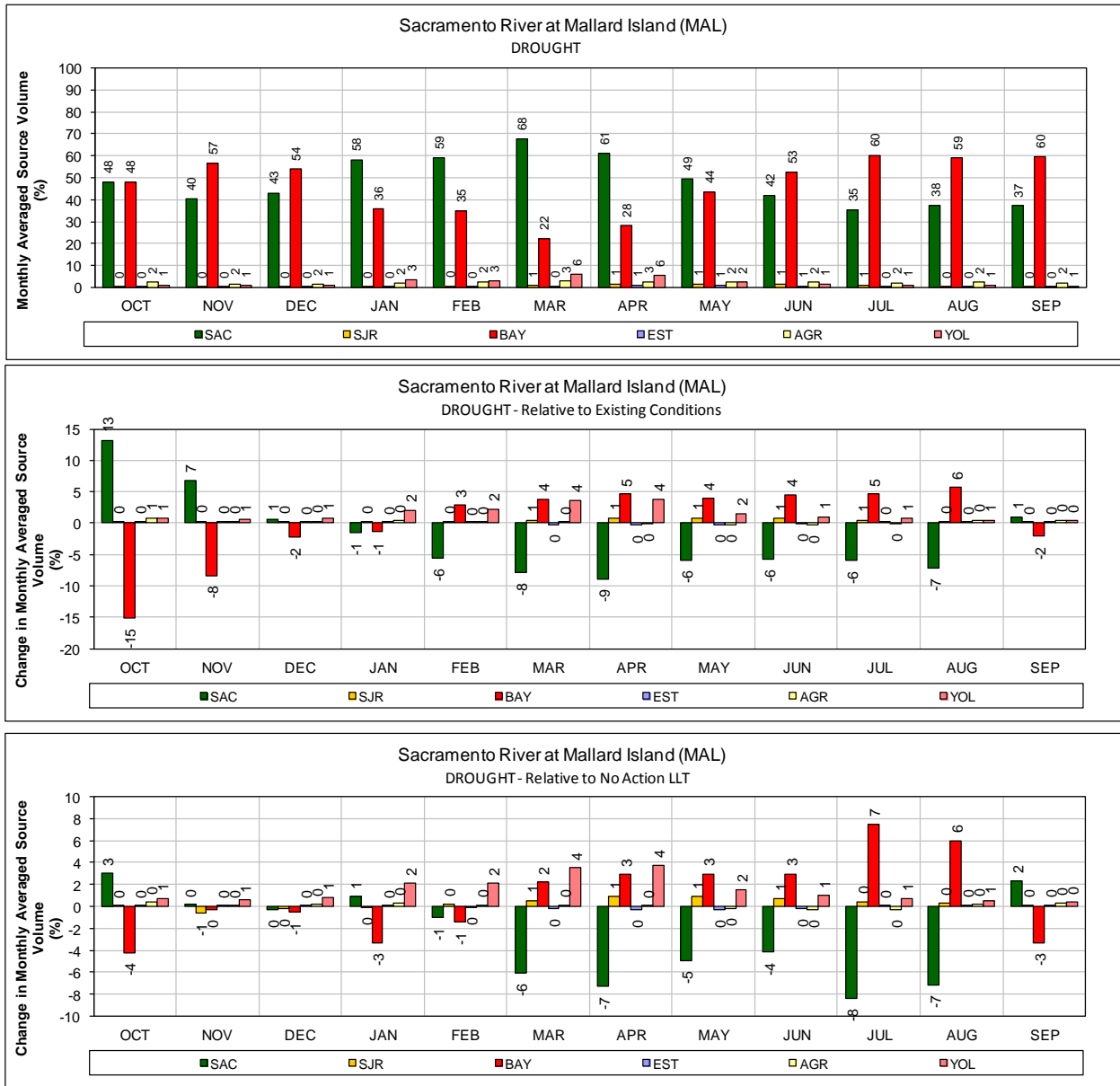
1 **Figure 122. ALT 4 Scenario H2 – San Joaquin River at Antioch for DROUGHT years (1987-**
 2 **1991)**

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).**



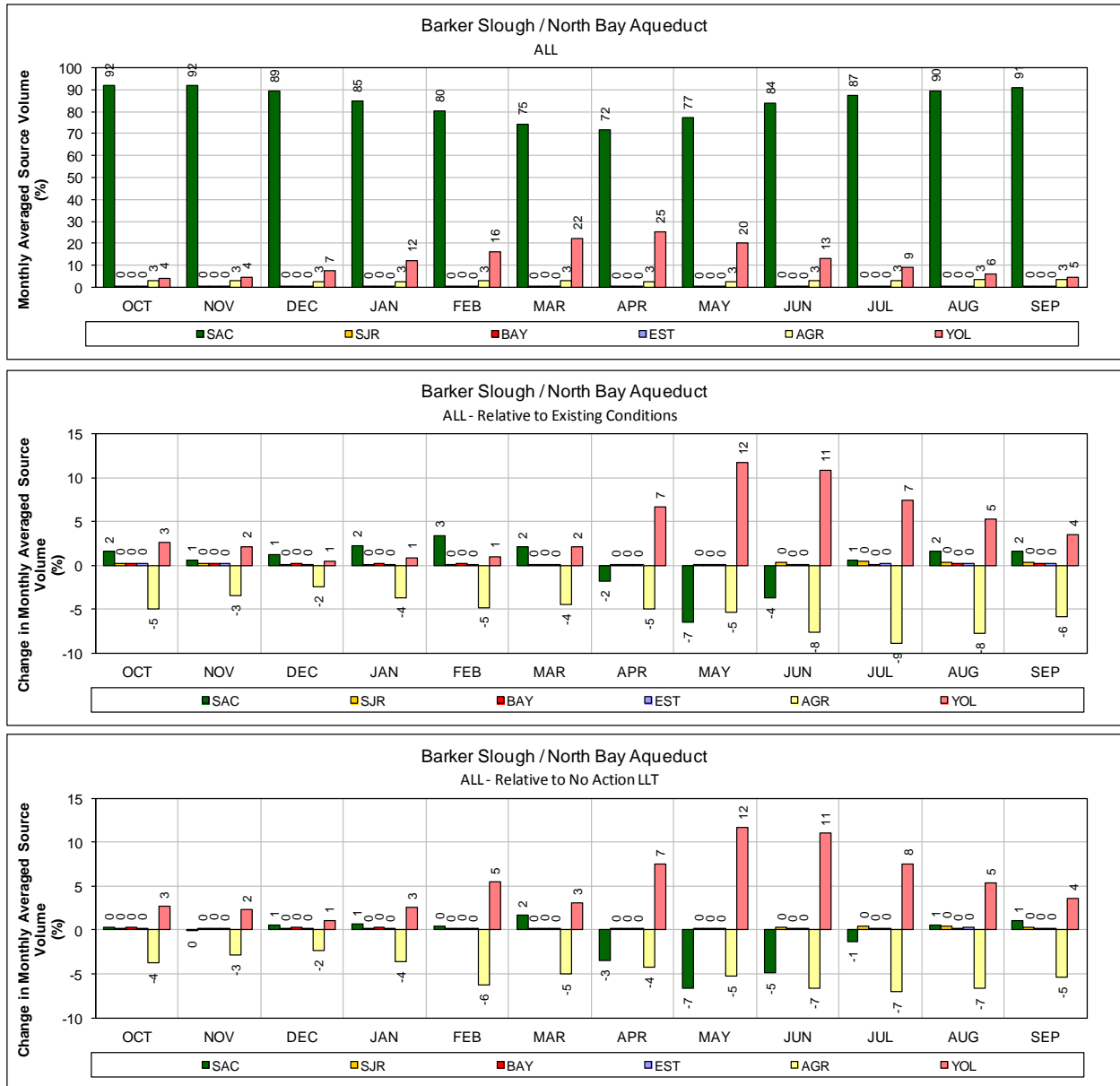
1 **Figure 123. ALT 4 Scenario H2 – Sacramento River at Mallard Island for ALL years (1976-**
 2 **1991)**

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).**

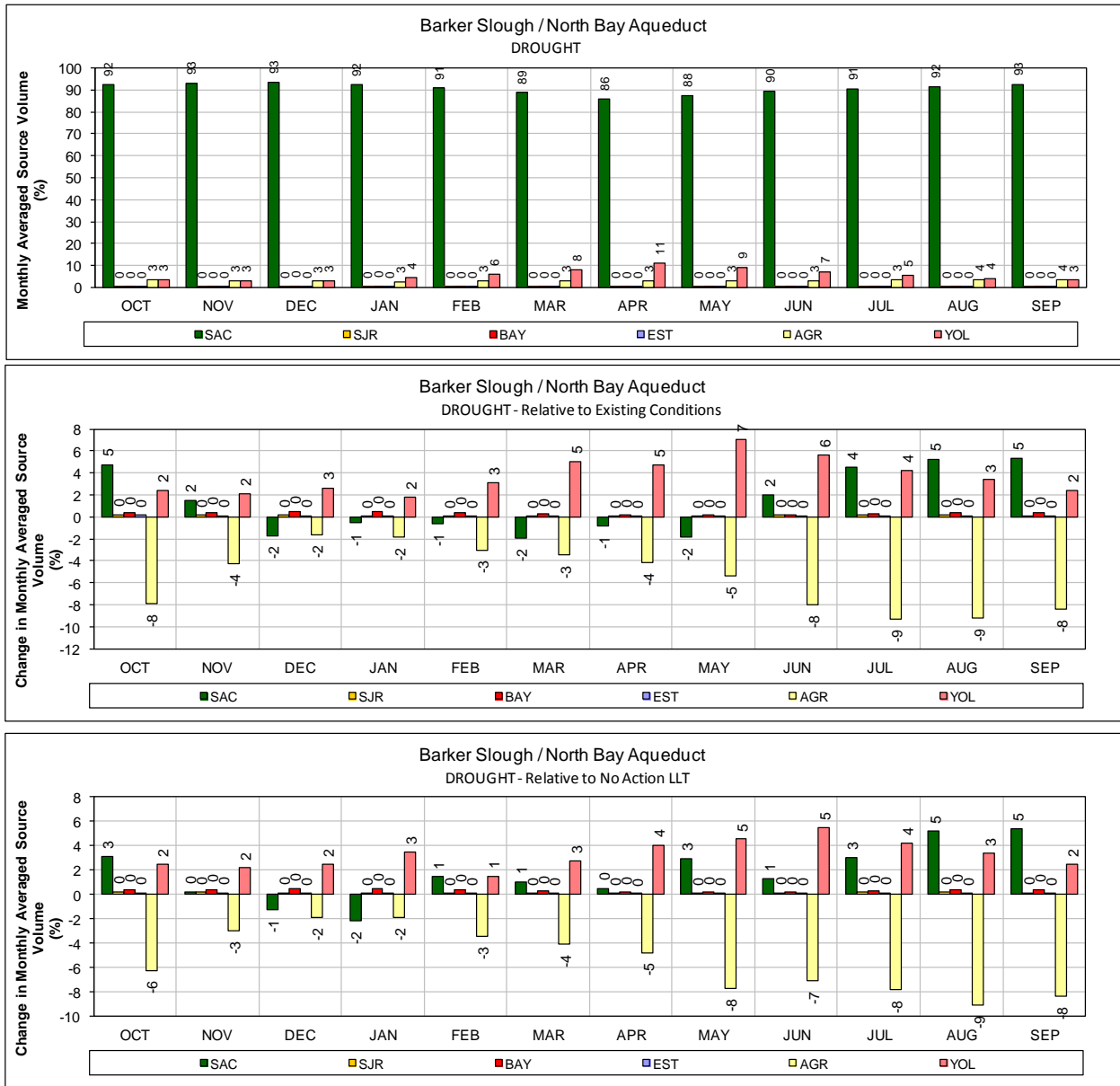


1 **Figure 124. ALT 4 Scenario H2 – Sacramento River at Mallard Island for DROUGHT years**
 2 **(1987-1991)**

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).**

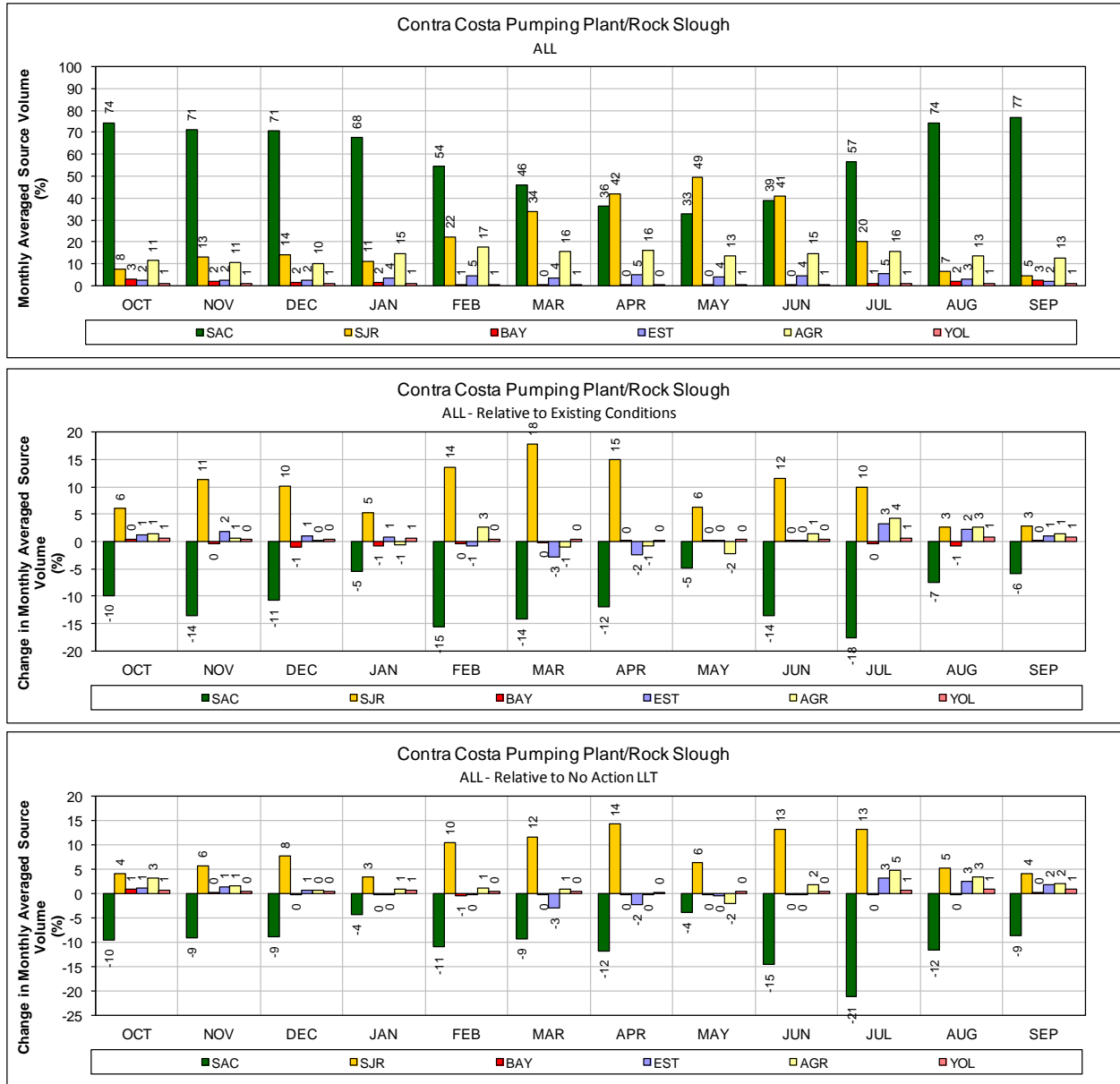


1 **Figure 125. ALT 4 Scenario H2 – North Bay Aqueduct at Barker Slough Pumping Plant for ALL**
 2 **years (1976-1991)**
 3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom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

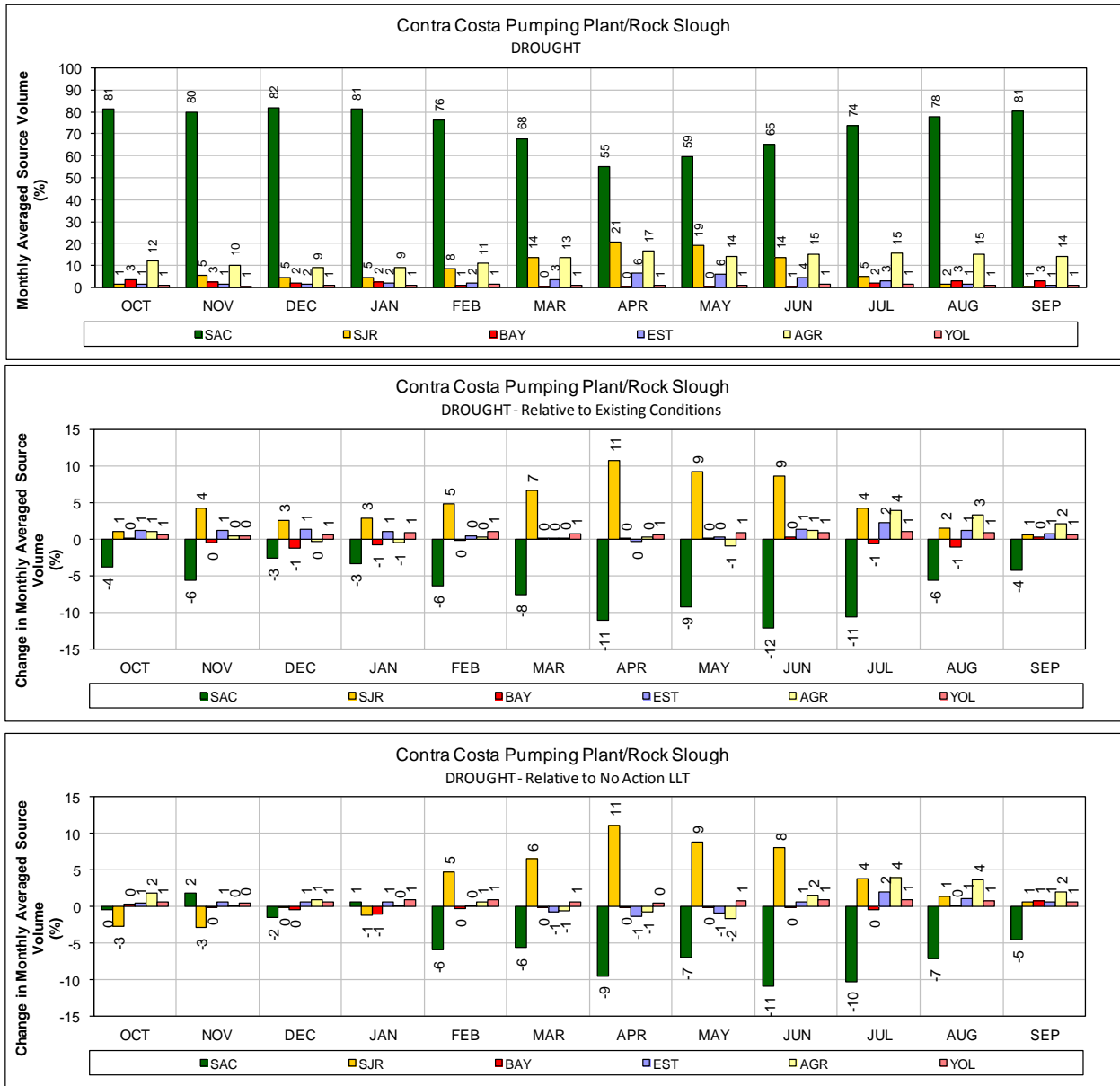


1 **Figure 126. ALT 4 Scenario H2 – North Bay Aqueduct at Barker Slough Pumping Plant for**
 2 **DROUGHT years (1987-1991)**

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).**

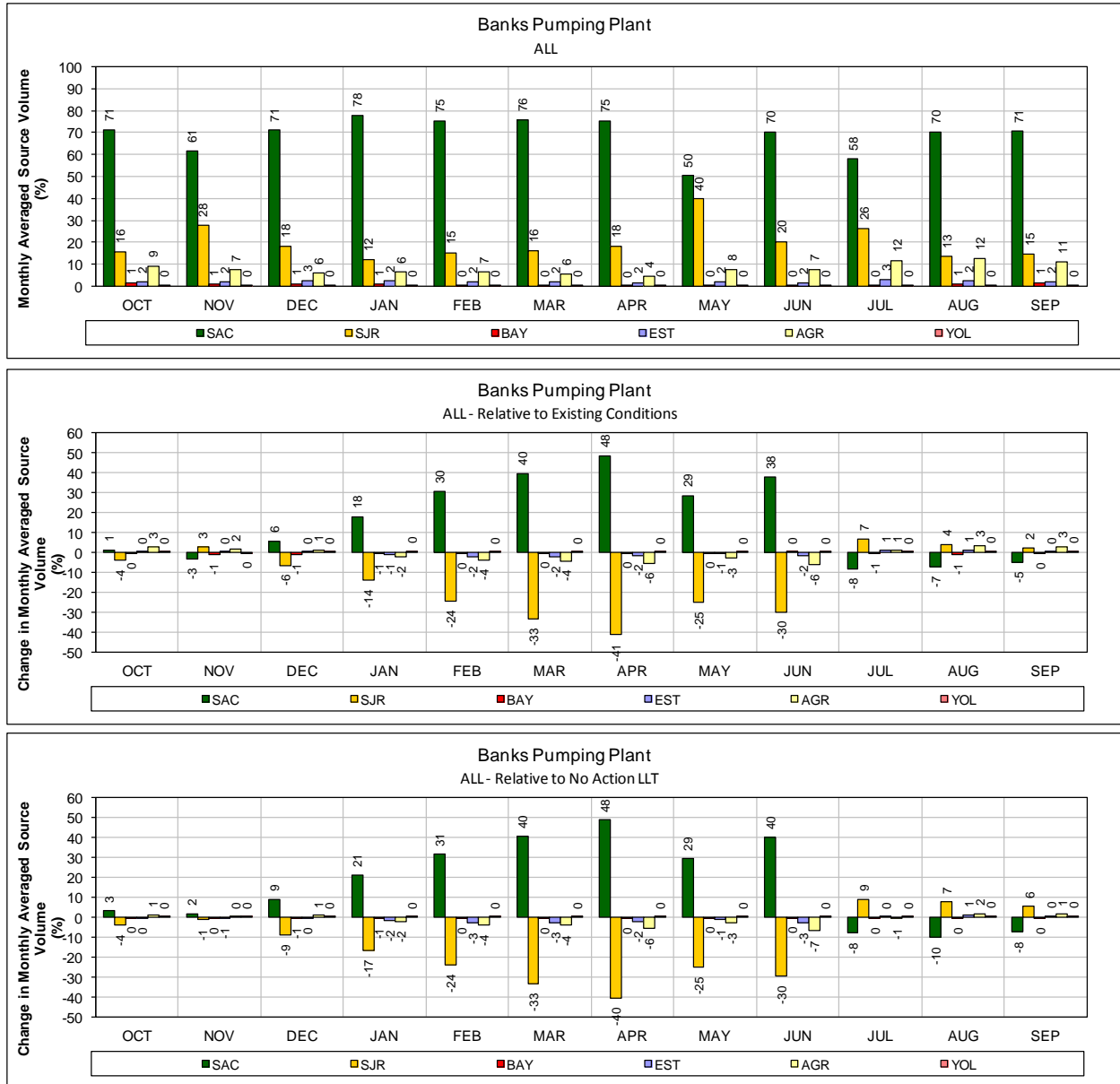


1 **Figure 127. ALT 4 Scenario H2 – Contra Costa Pumping Plant #1 for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**

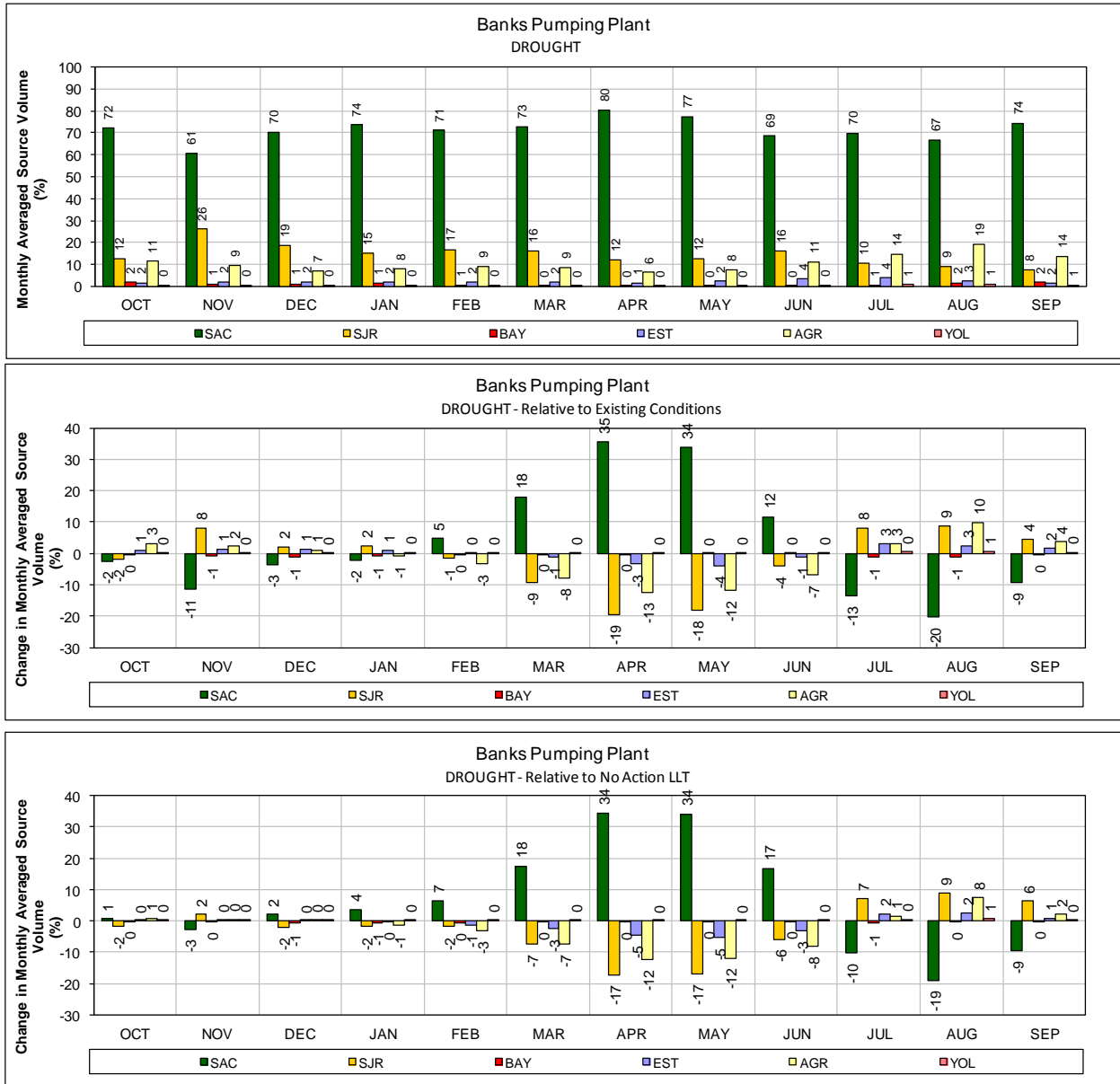


1 **Figure 128. ALT 4 Scenario H2 – Contra Costa Pumping Plant #1 for DROUGHT years (1987-**
 2 **1991)**

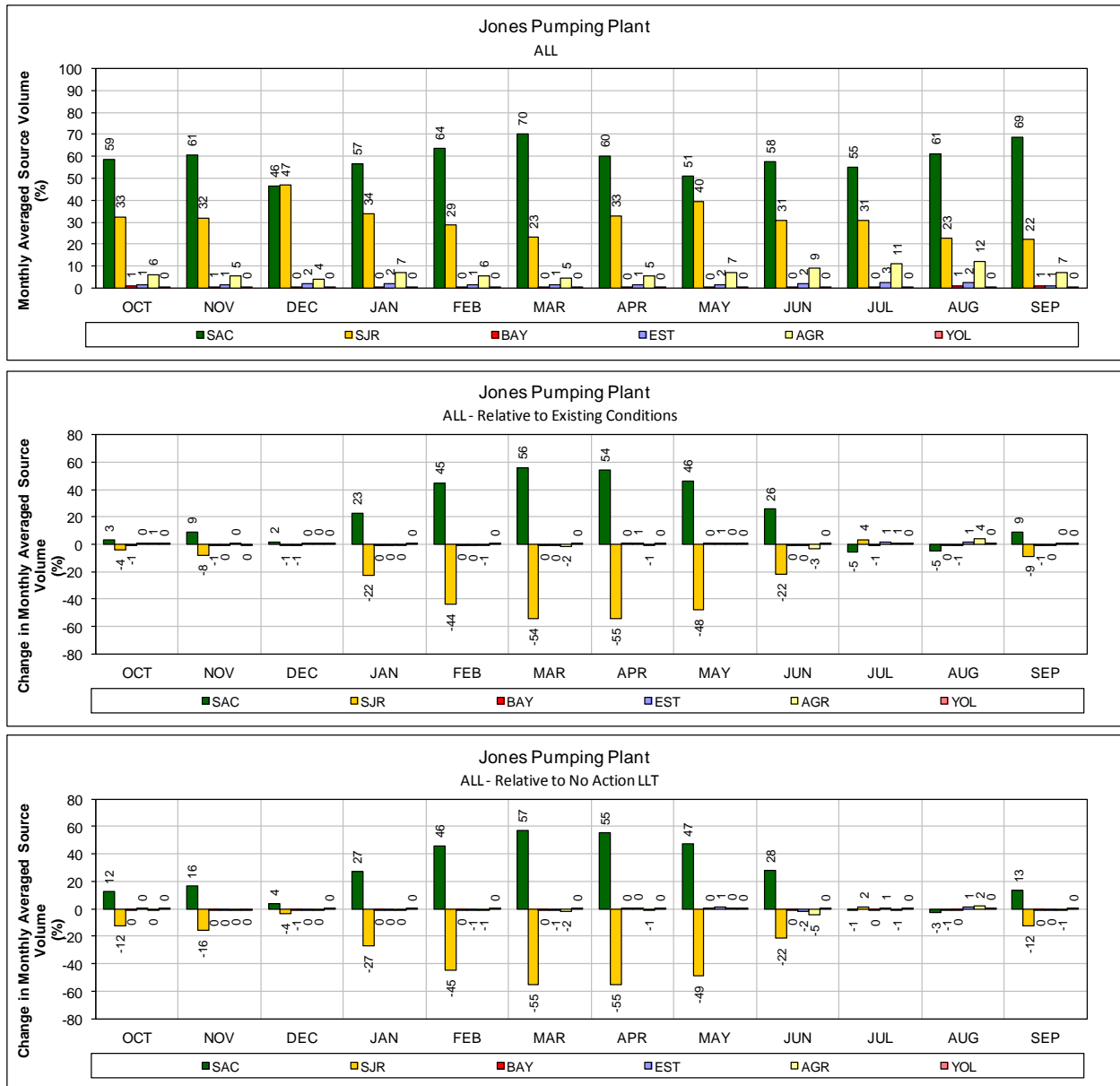
3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



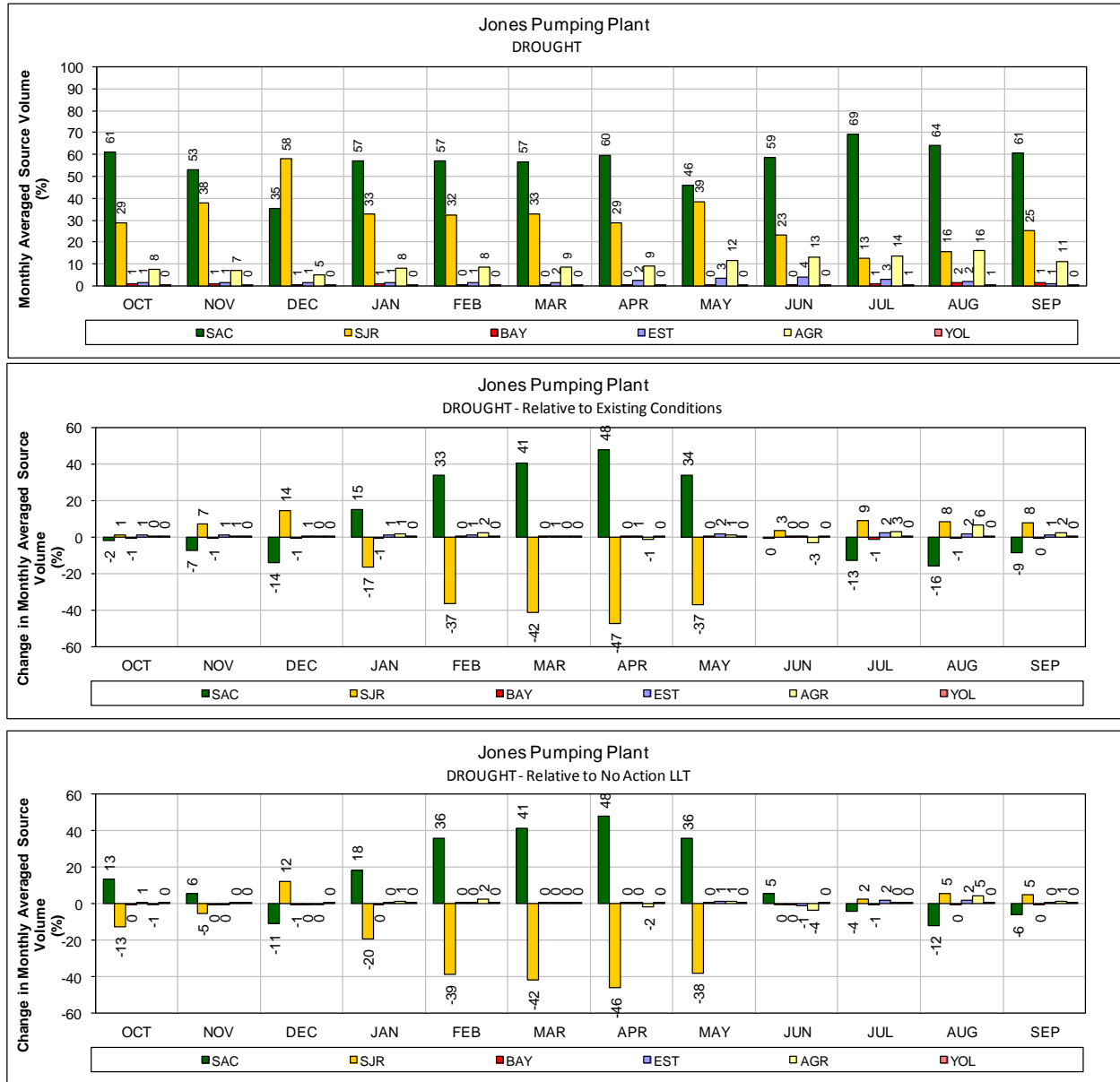
1 **Figure 129. ALT 4 Scenario H2 – Banks Pumping Plant for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



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).**



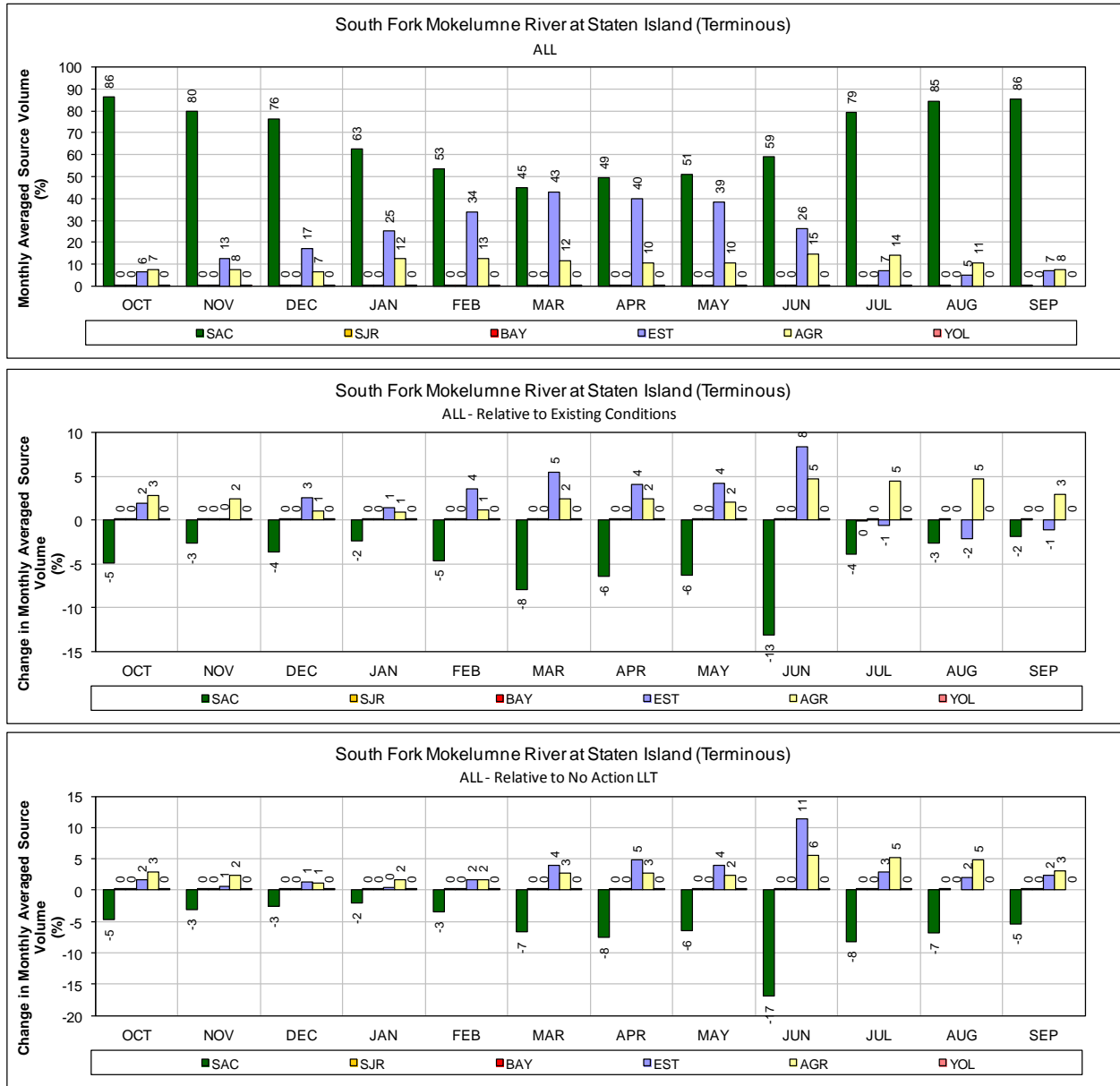
1 **Figure 132. ALT 4 Scenario H2 – Jones Pumping Plant for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures)**

1

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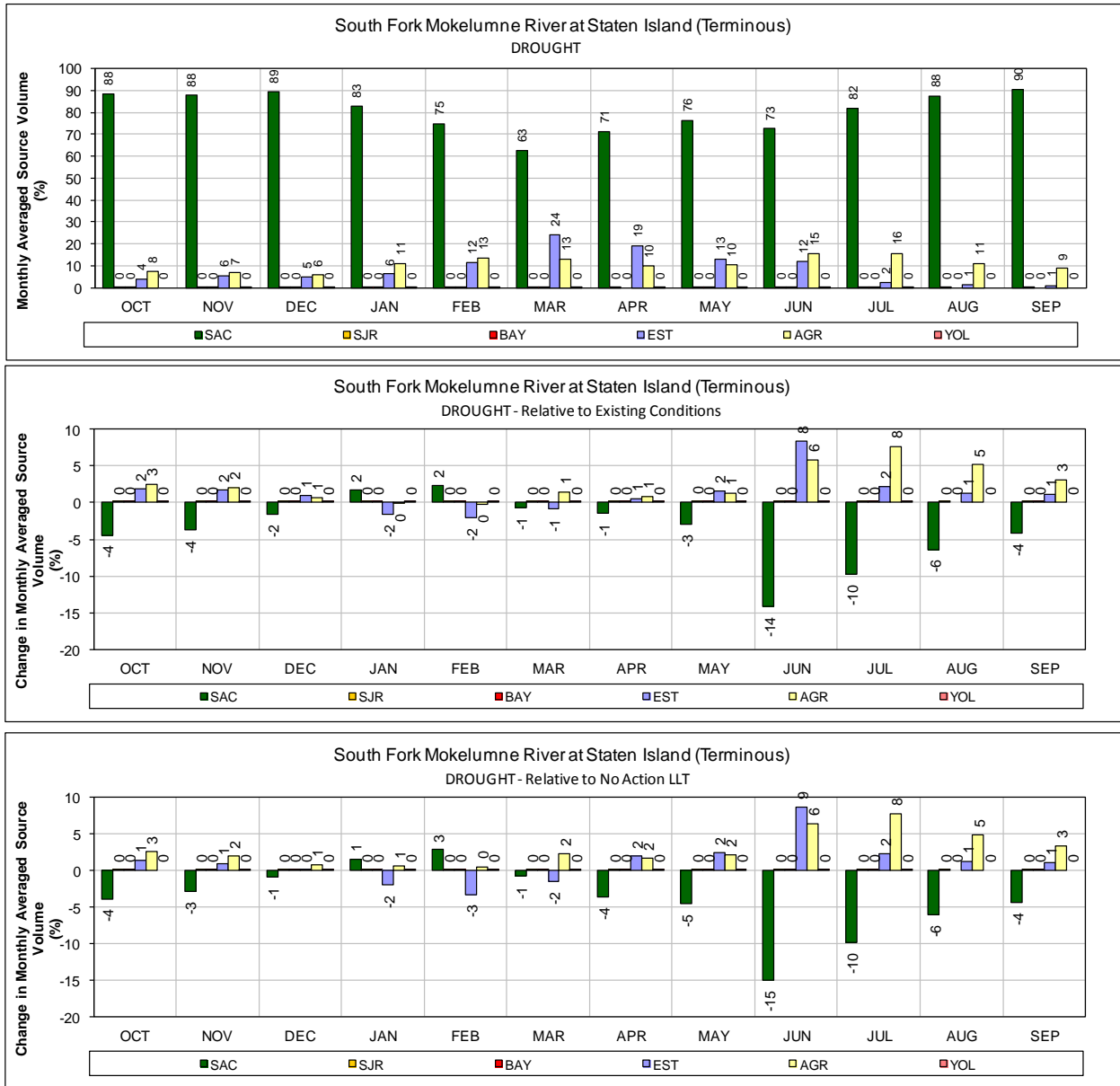
Alternative 4 LLT Scenario H3

3



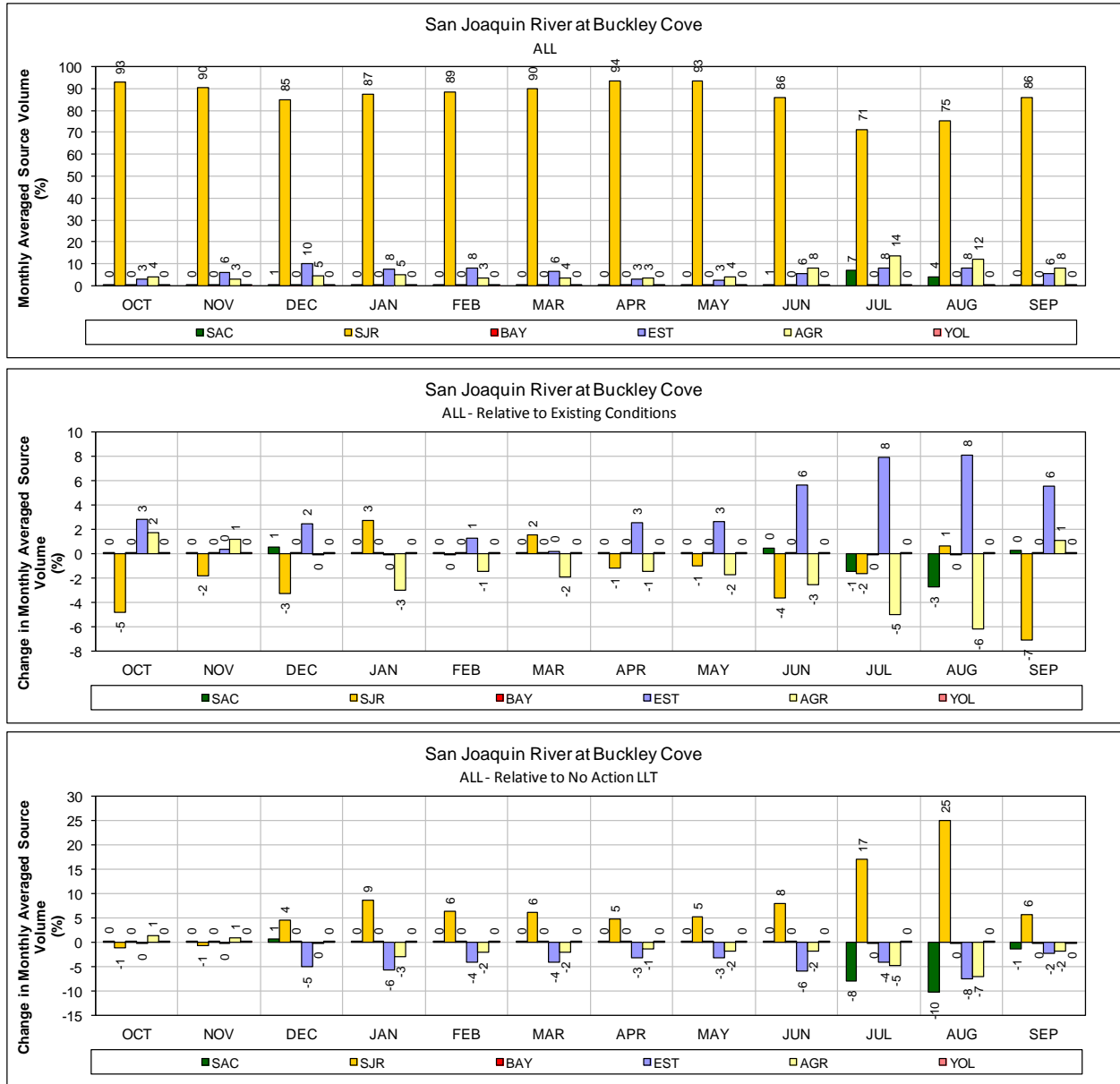
1 **Figure 133. ALT 4 Scenario H3 – Mokelumne River (South Fork) at Staten Island for ALL years**
 2 **(1976-1991)**

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

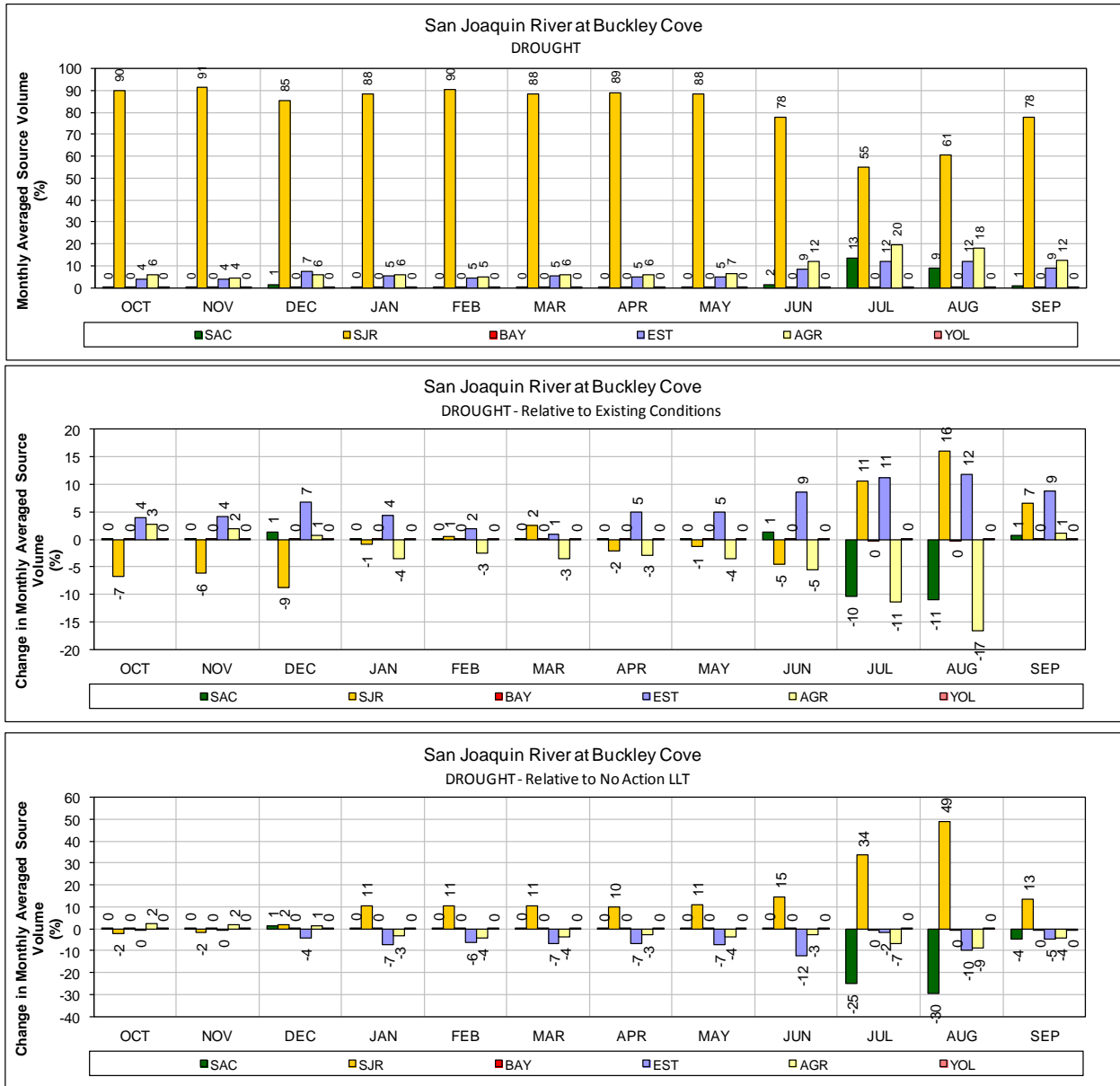


1 **Figure 134. ALT 4 Scenario H3 – Mokelumne River (South Fork) at Staten Island for**
 2 **DROUGHT years (1987-1991)**

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).**

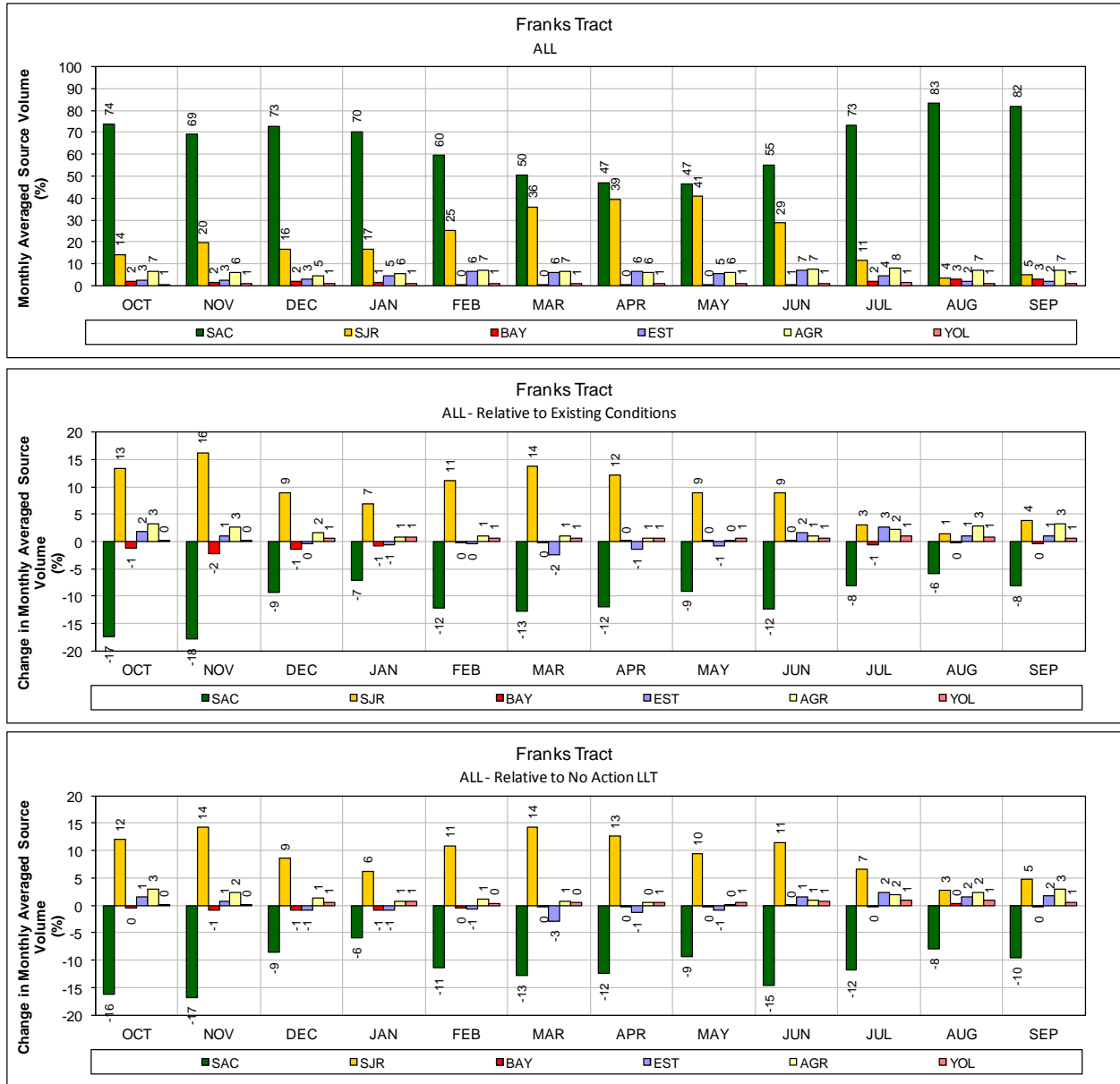


1 **Figure 135. ALT 4 Scenario H3 – San Joaquin River at Buckley Cove for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**

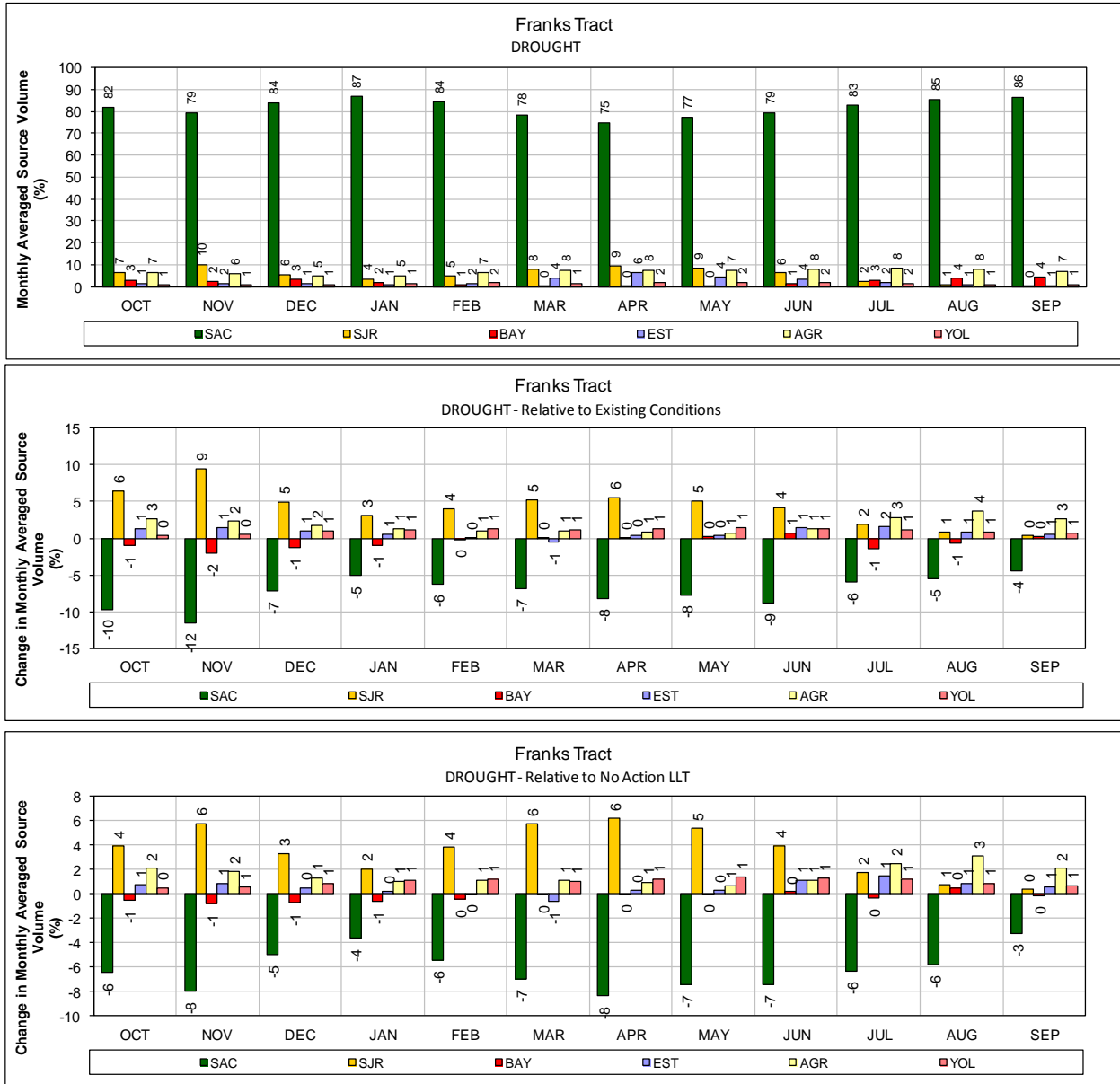


1 **Figure 136. ALT 4 Scenario H3 – San Joaquin River at Buckley Cove for DROUGHT years**
 2 **(1987-1991)**

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).**



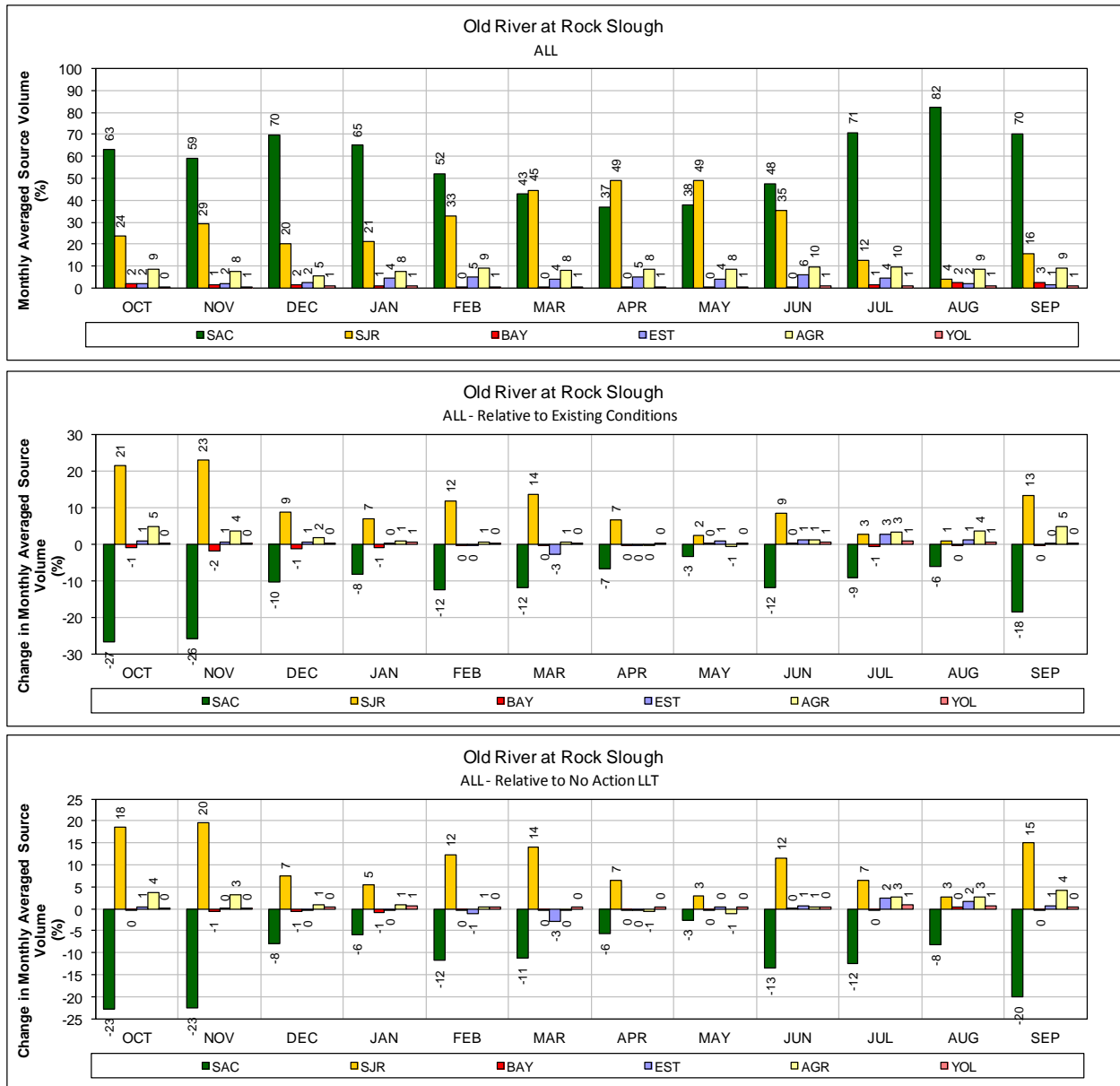
1 **Figure 137. ALT 4 Scenario H3 – Franks Tract for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



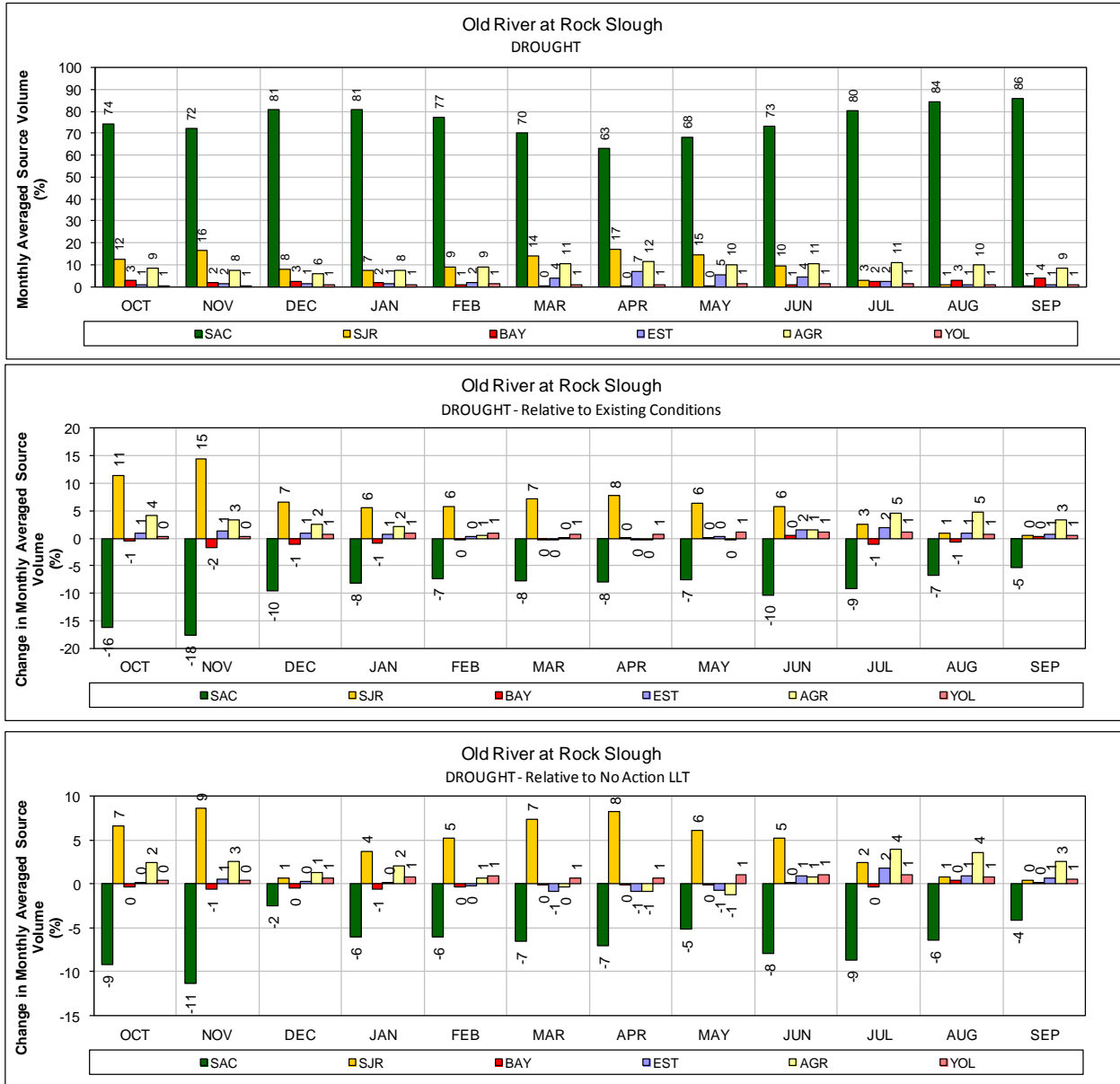
1 **Figure 138. ALT 4 Scenario H3 – Franks Tract for DROUGHT years (1987-1991)**

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

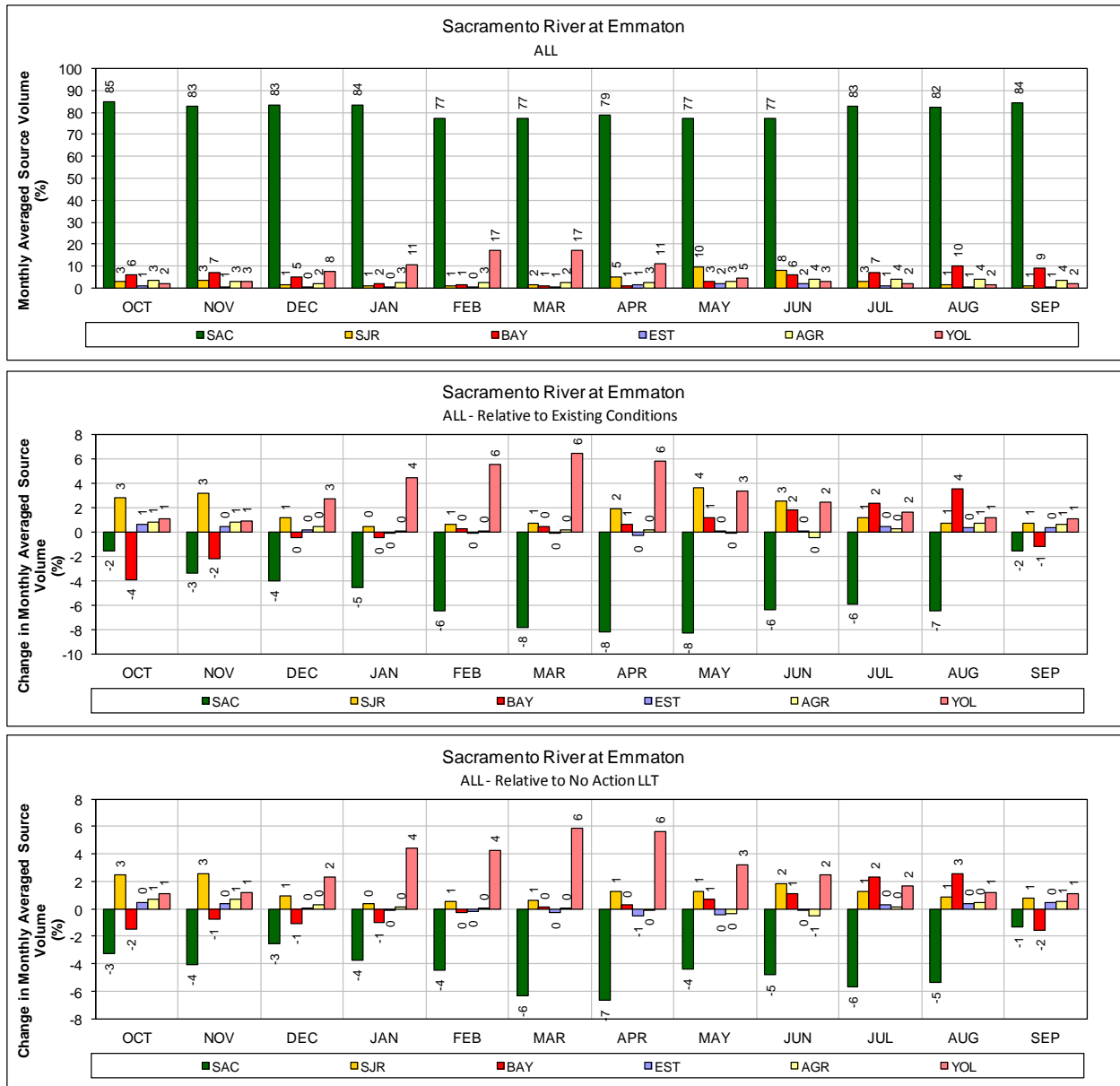
3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



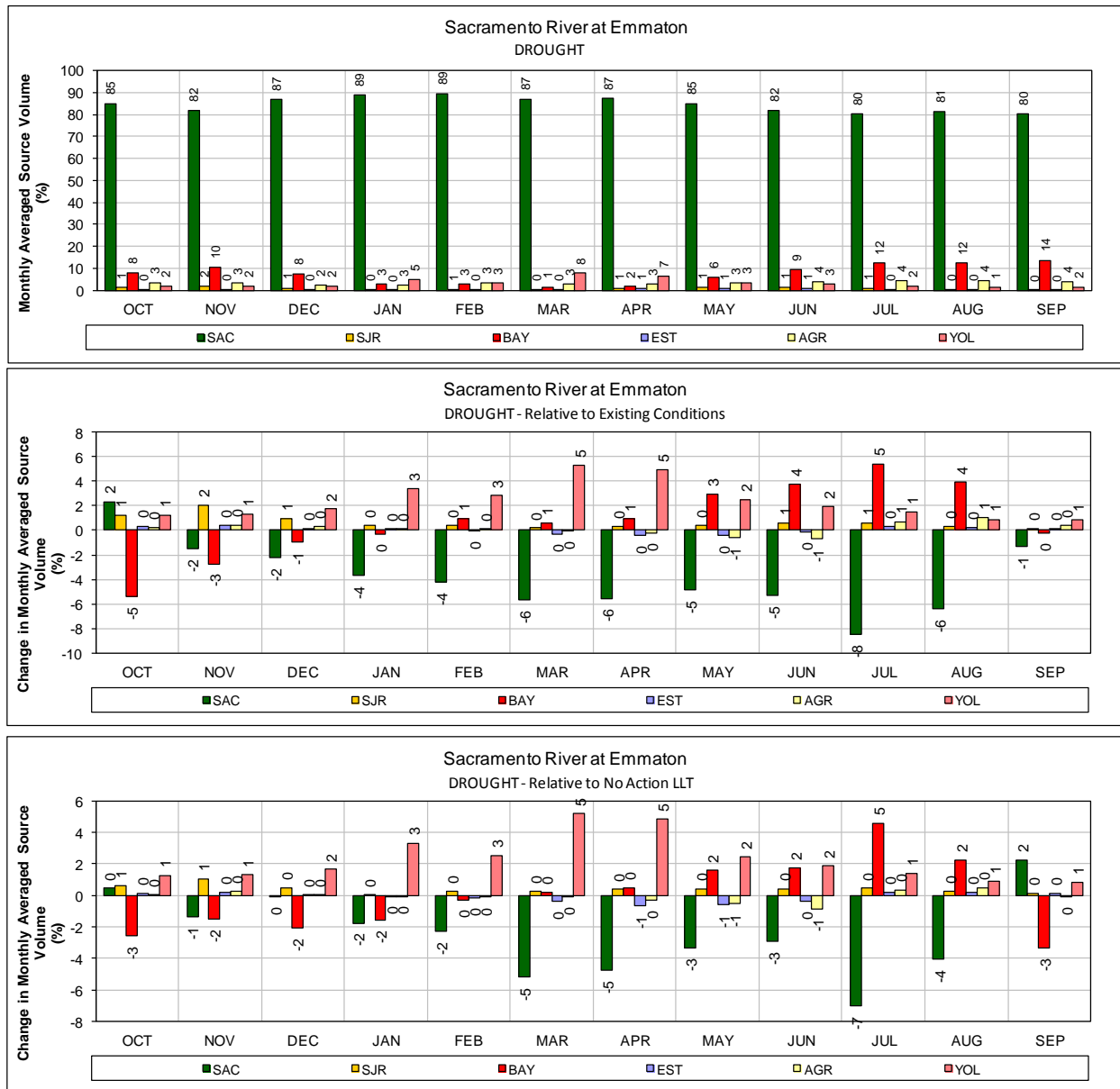
1 **Figure 139. ALT 4 Scenario H3 – Old River at Rock Slough for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



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).**

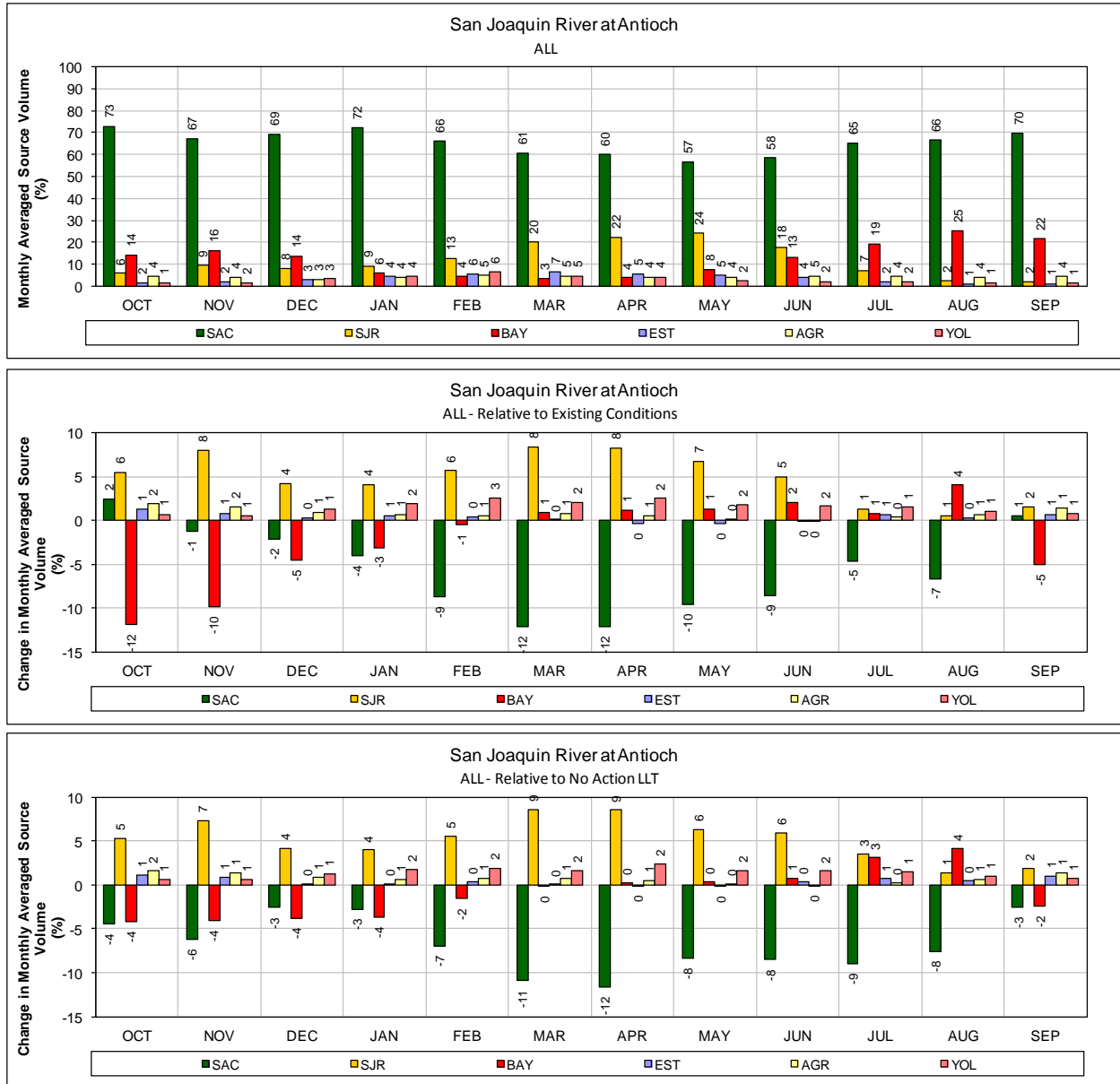


1 **Figure 141. ALT 4 Scenario H3 – Sacramento River at Emmaton for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**

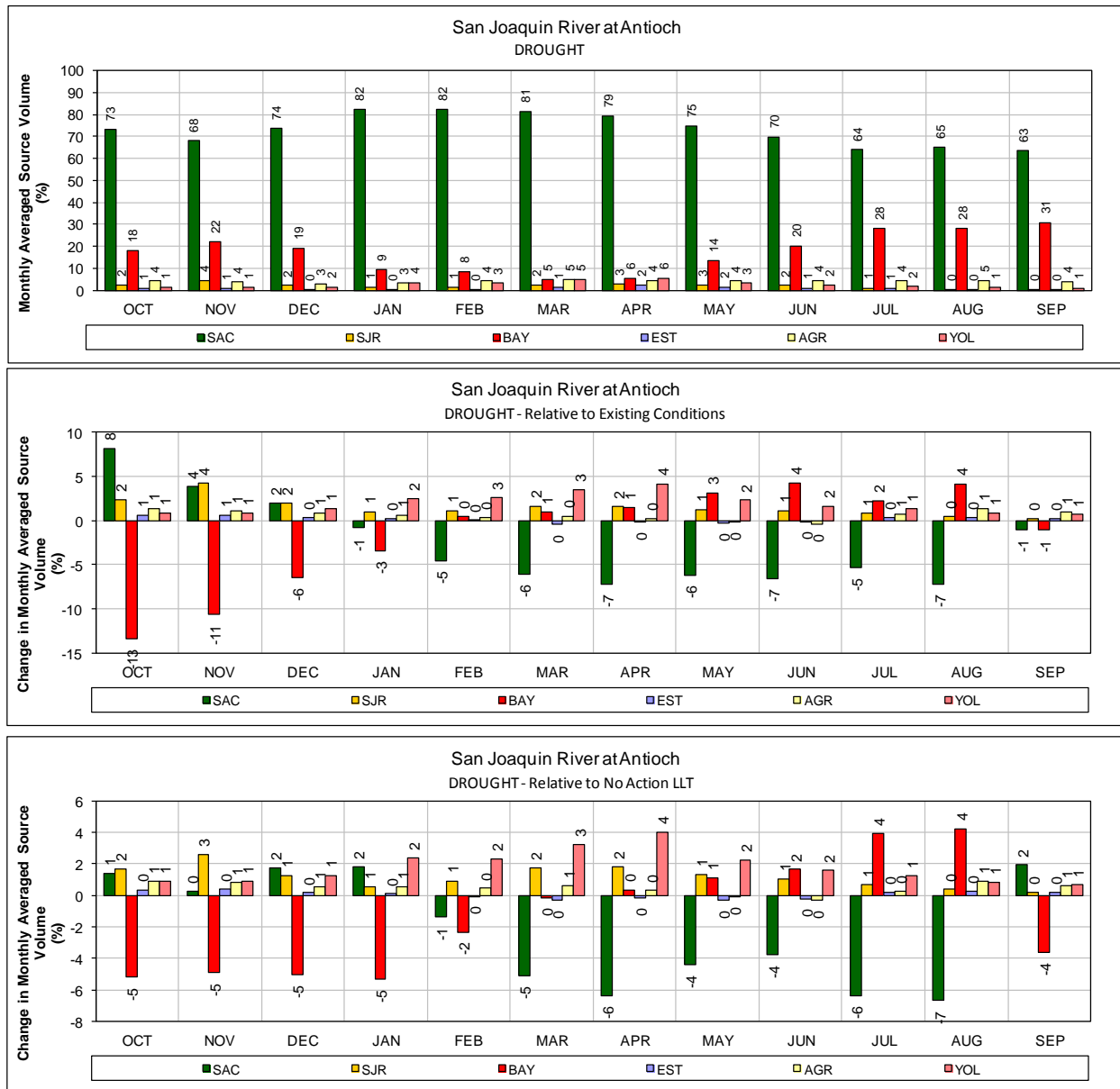


1 **Figure 142. ALT 4 Scenario H3 – Sacramento River at Emmaton for DROUGHT years (1987-**
 2 **1991)**

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).**

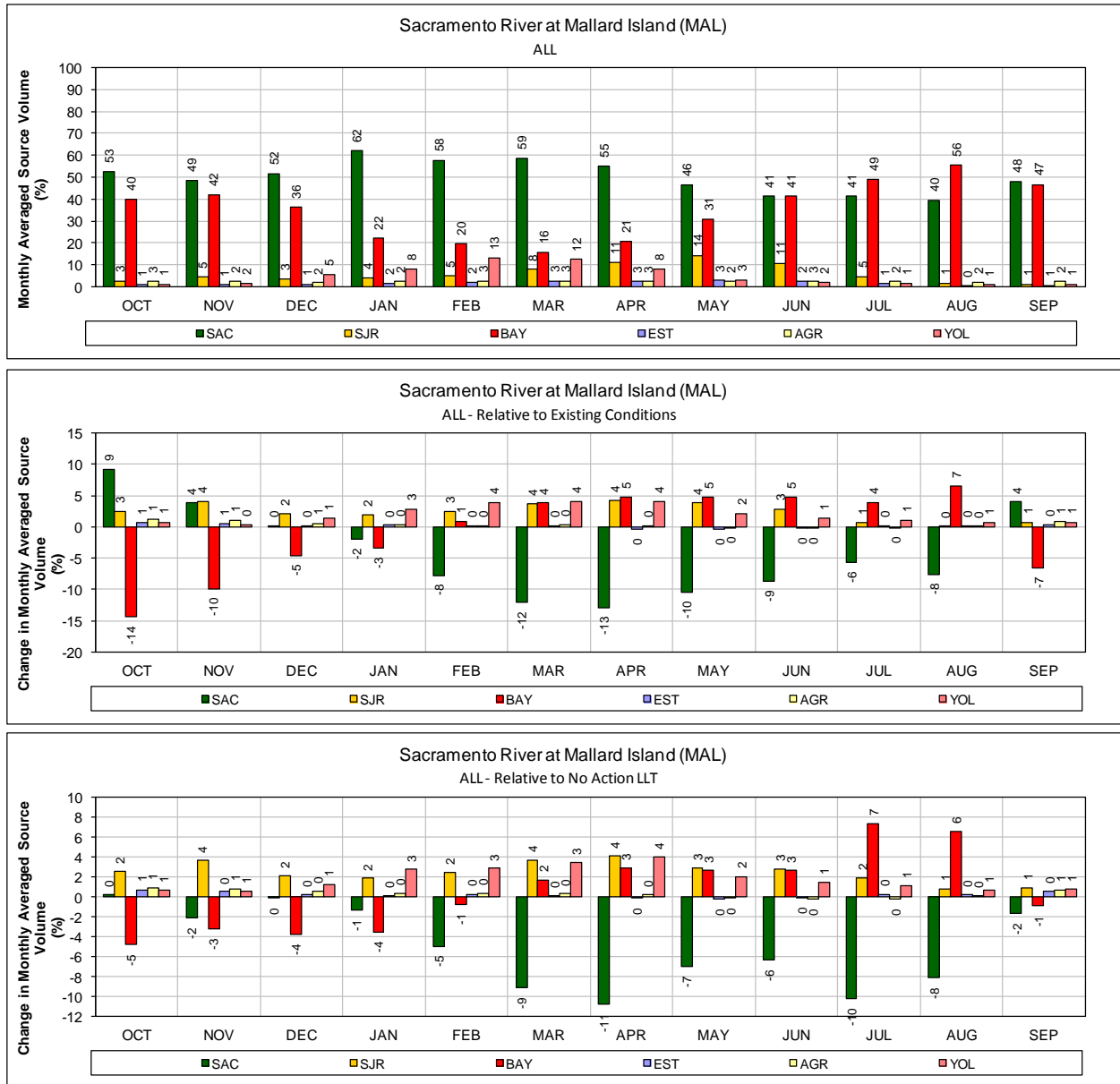


1 **Figure 143. ALT 4 Scenario H3 – San Joaquin River at Antioch for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



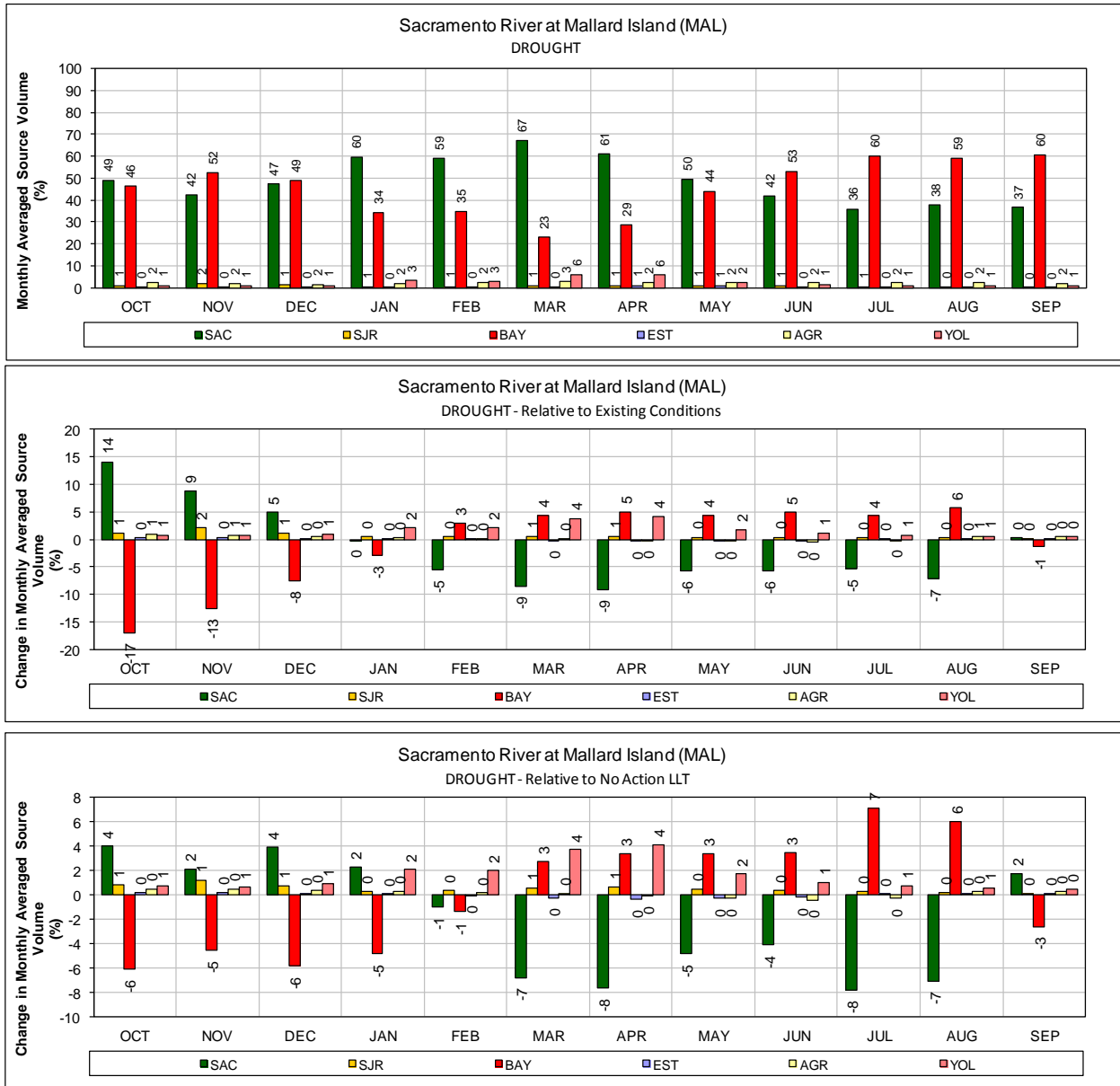
1 **Figure 144. ALT 4 Scenario H3 – San Joaquin River at Antioch for DROUGHT years (1987-**
 2 **1991)**

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).**



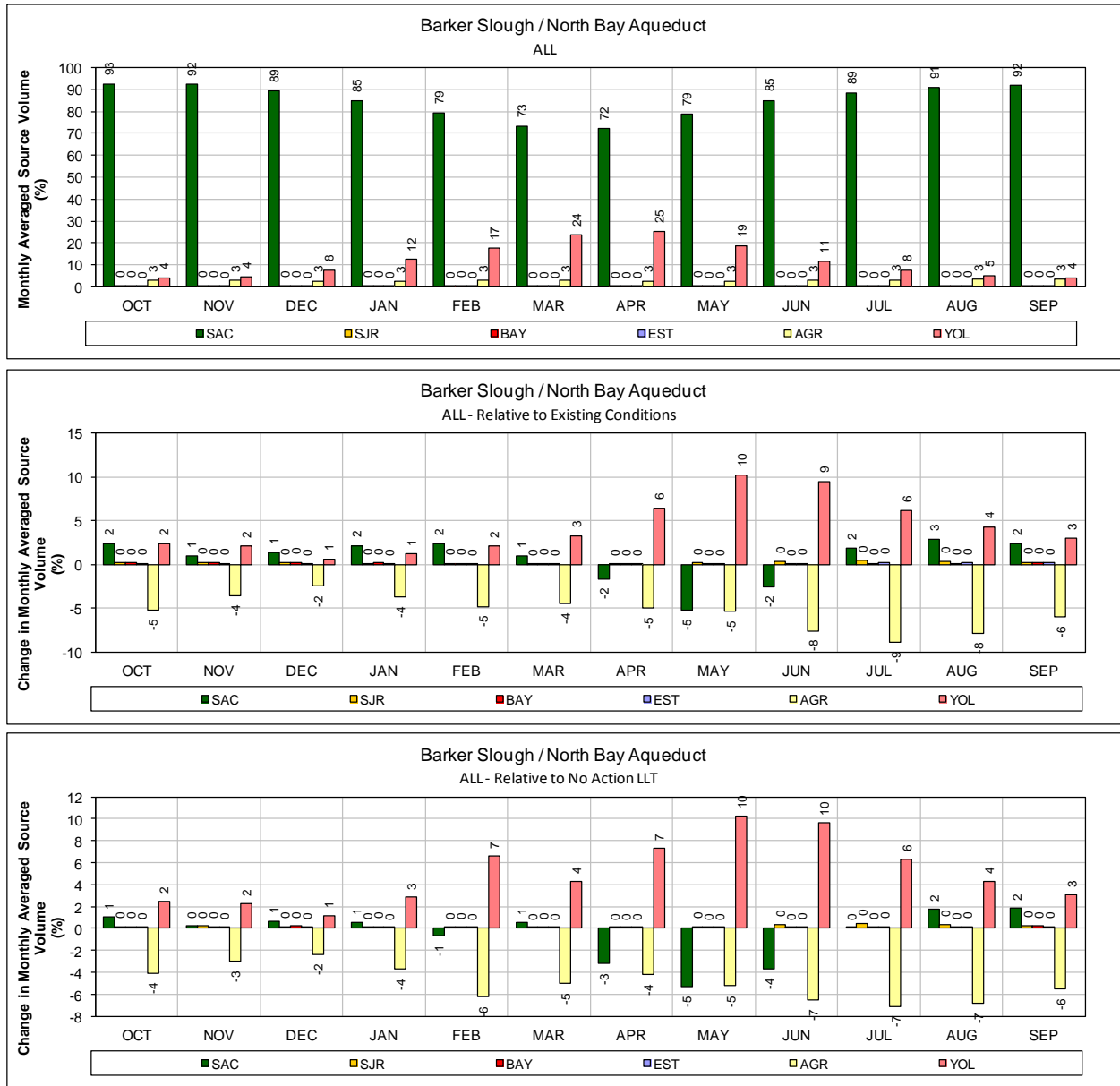
1 **Figure 145. ALT 4 Scenario H3 – Sacramento River at Mallard Island for ALL years (1976-**
 2 **1991)**

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).**

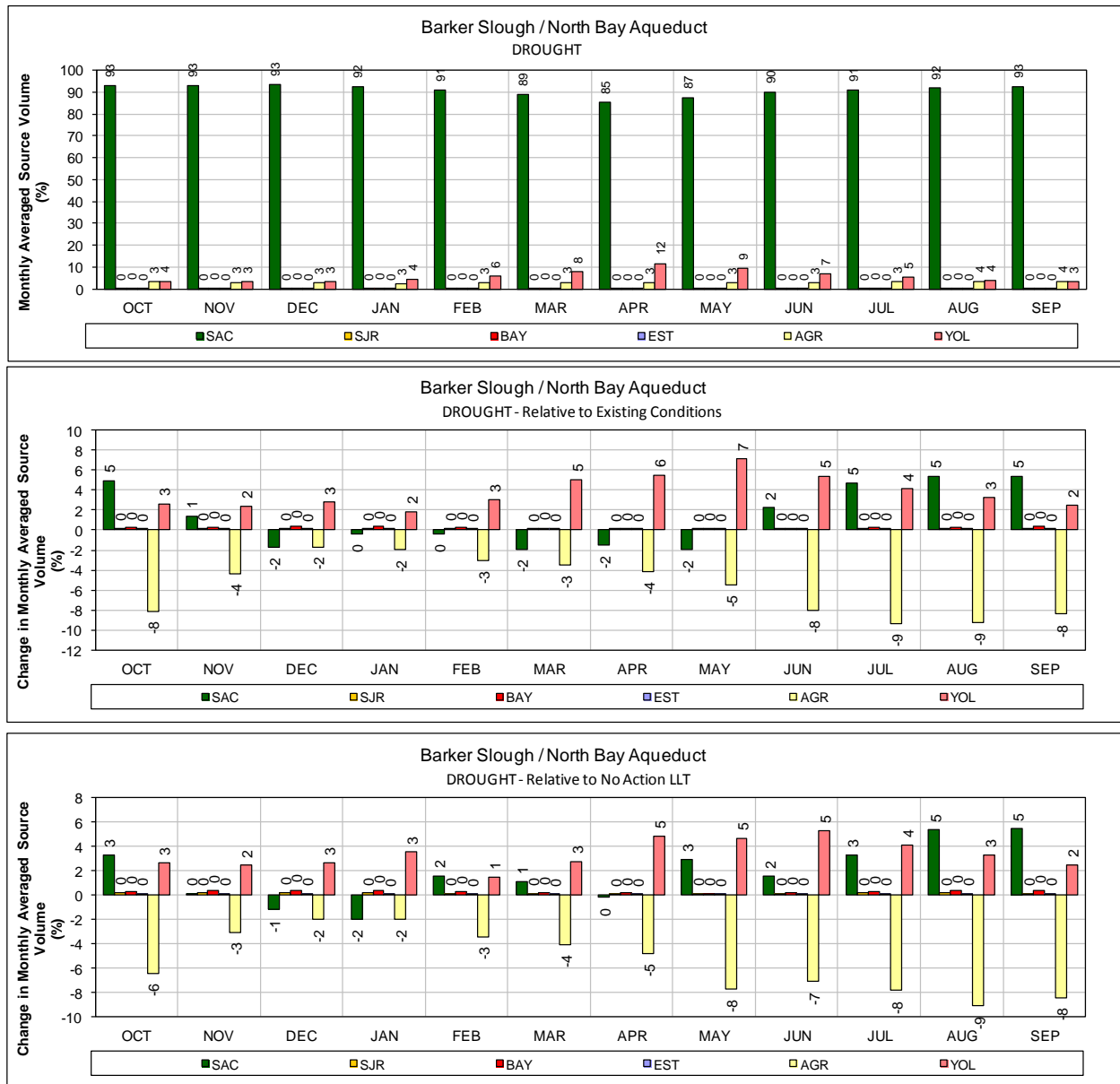


1 **Figure 146. ALT 4 Scenario H3 – Sacramento River at Mallard Island for DROUGHT years**
 2 **(1987-1991)**

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).**

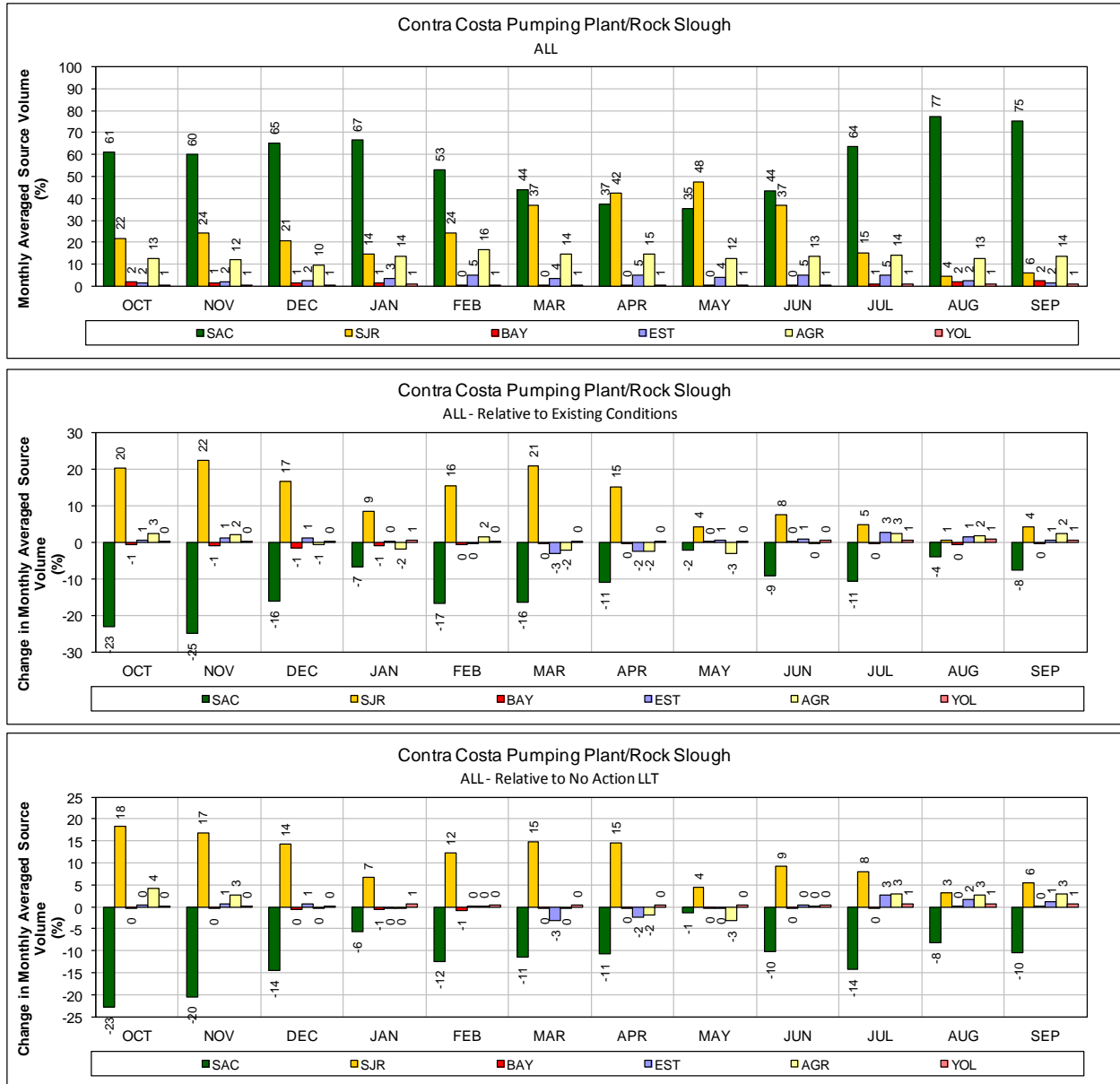


1 **Figure 147. ALT 4 Scenario H3 – North Bay Aqueduct at Barker Slough Pumping Plant for ALL**
 2 **years (1976-1991)**
 3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom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

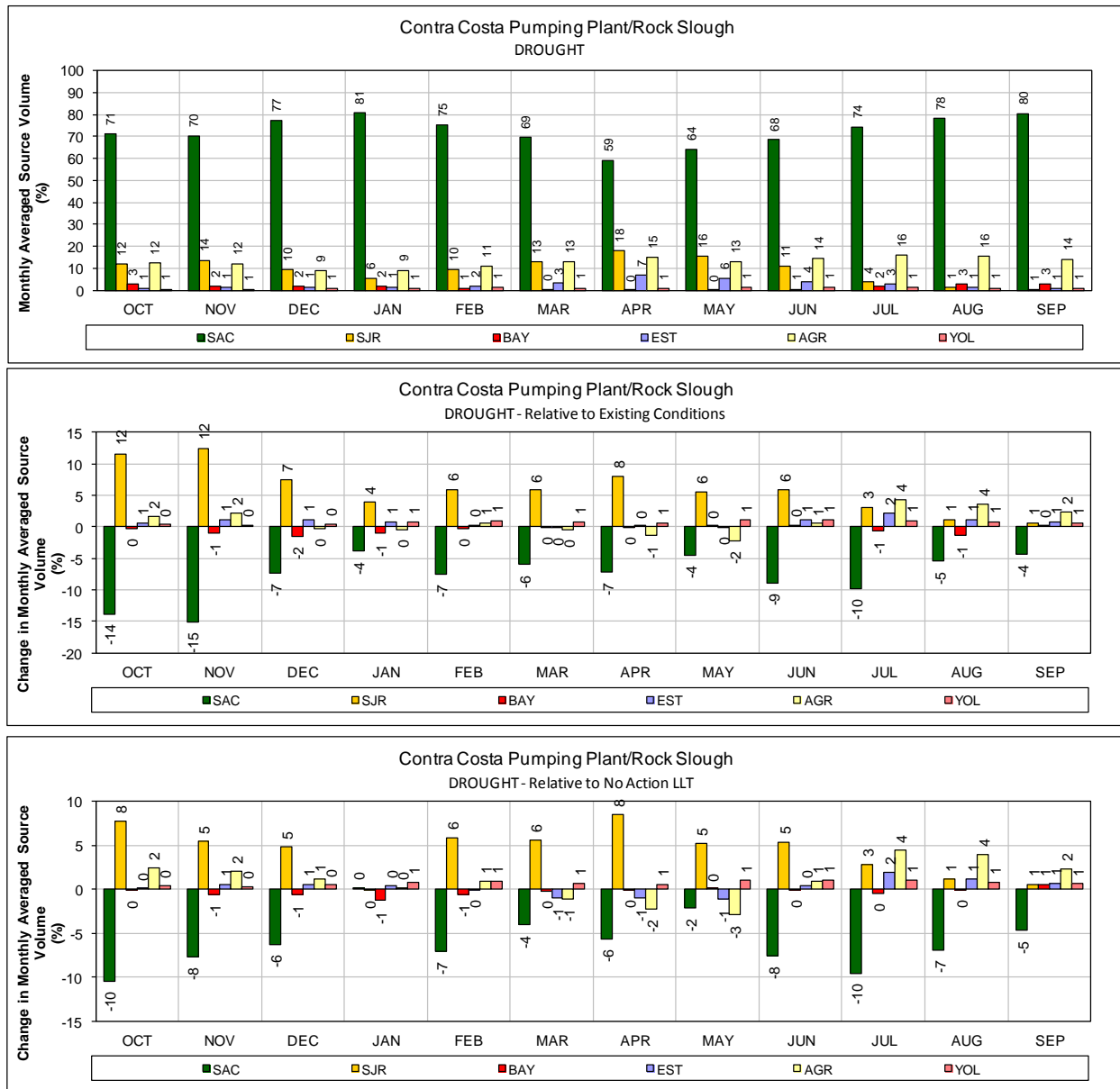


1 **Figure 148. ALT 4 Scenario H3 – North Bay Aqueduct at Barker Slough Pumping Plant for**
 2 **DROUGHT years (1987-1991)**

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).**

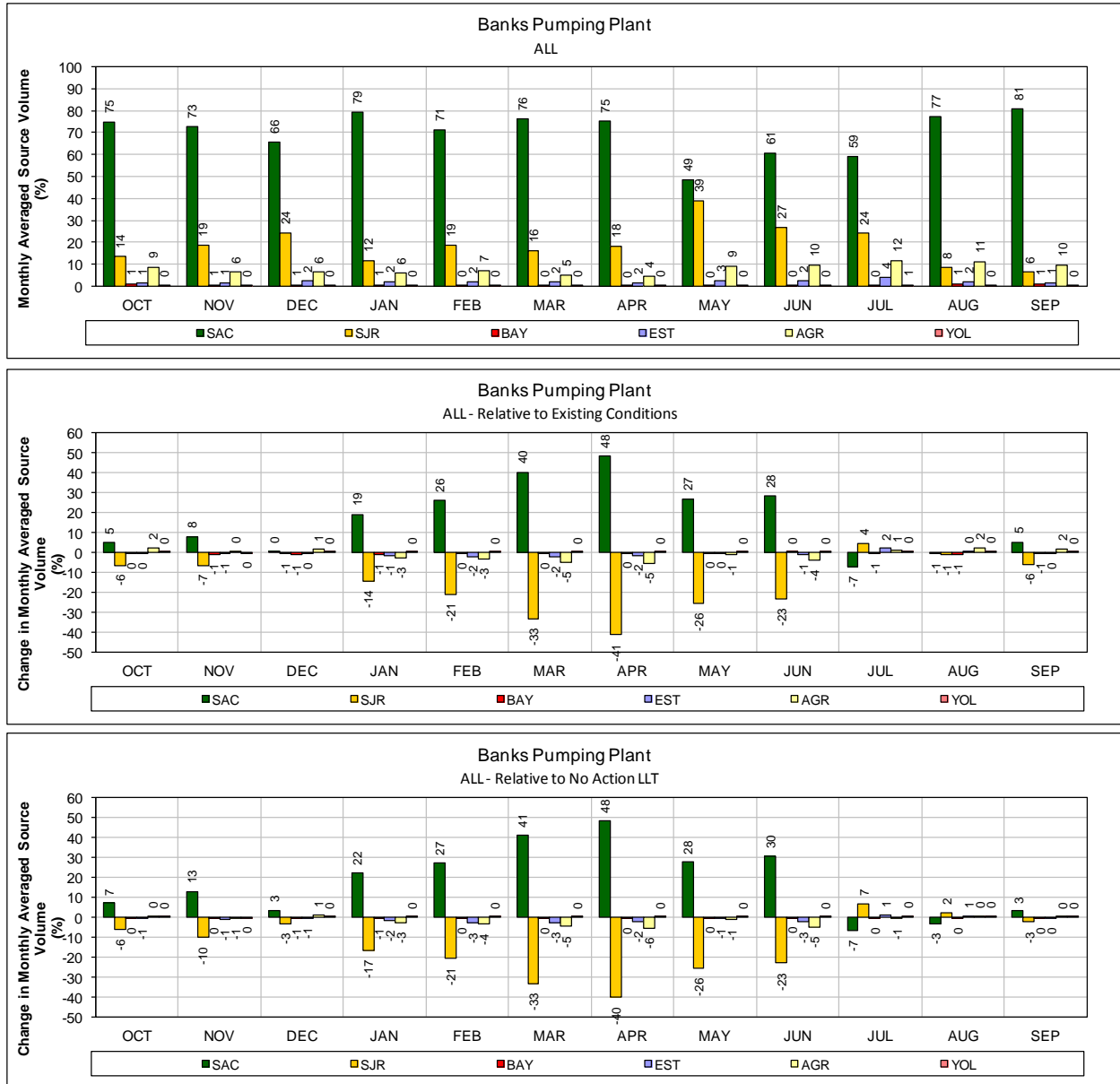


1 **Figure 149. ALT 4 Scenario H3 – Contra Costa Pumping Plant #1 for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**

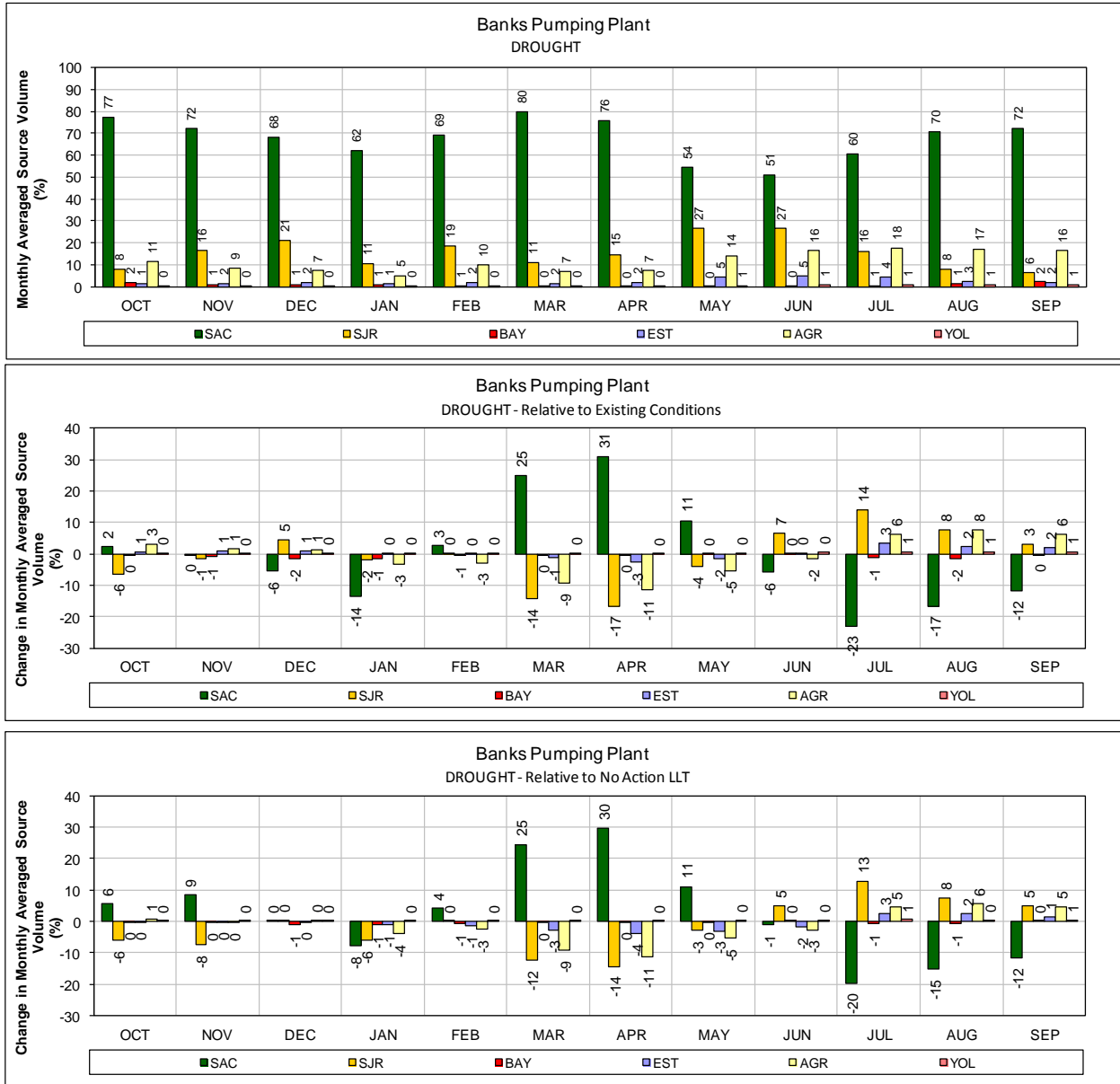


1 **Figure 150. ALT 4 Scenario H3 – Contra Costa Pumping Plant #1 for DROUGHT years (1987-**
 2 **1991)**

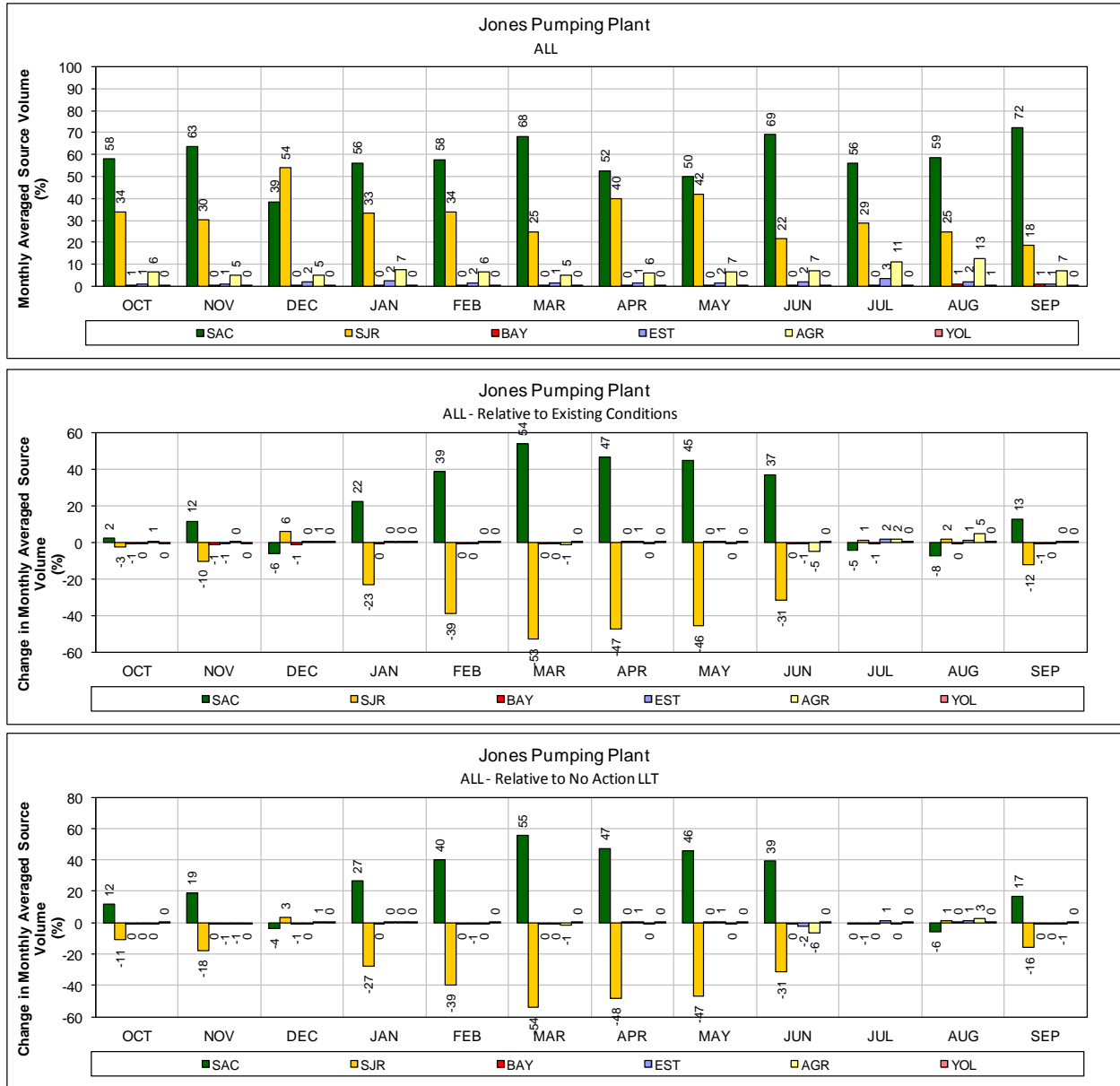
3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



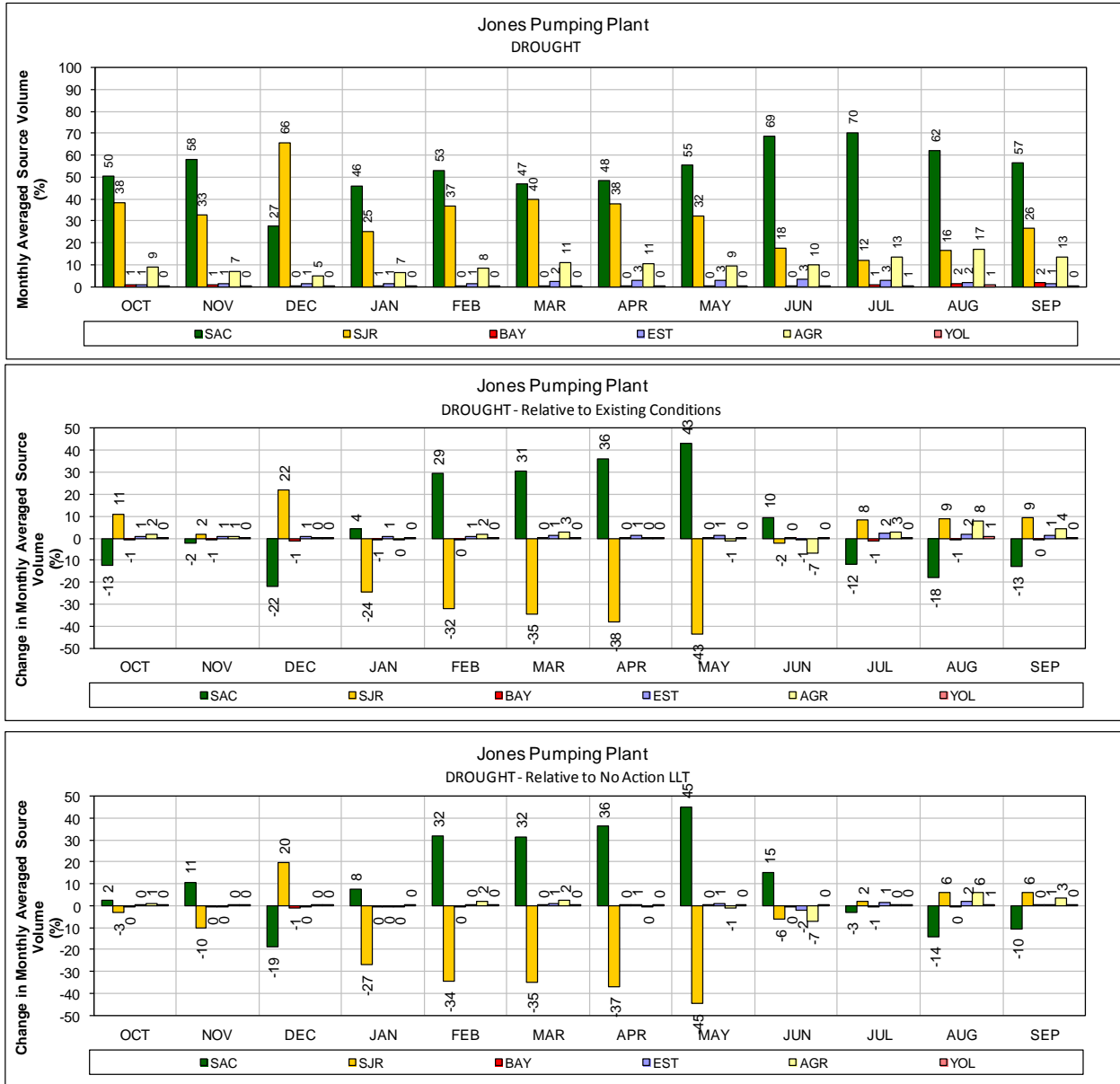
- 1 **Figure 151. ALT 4 Scenario H3 – Banks Pumping Plant for ALL years (1976-1991)**
- 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
- 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



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



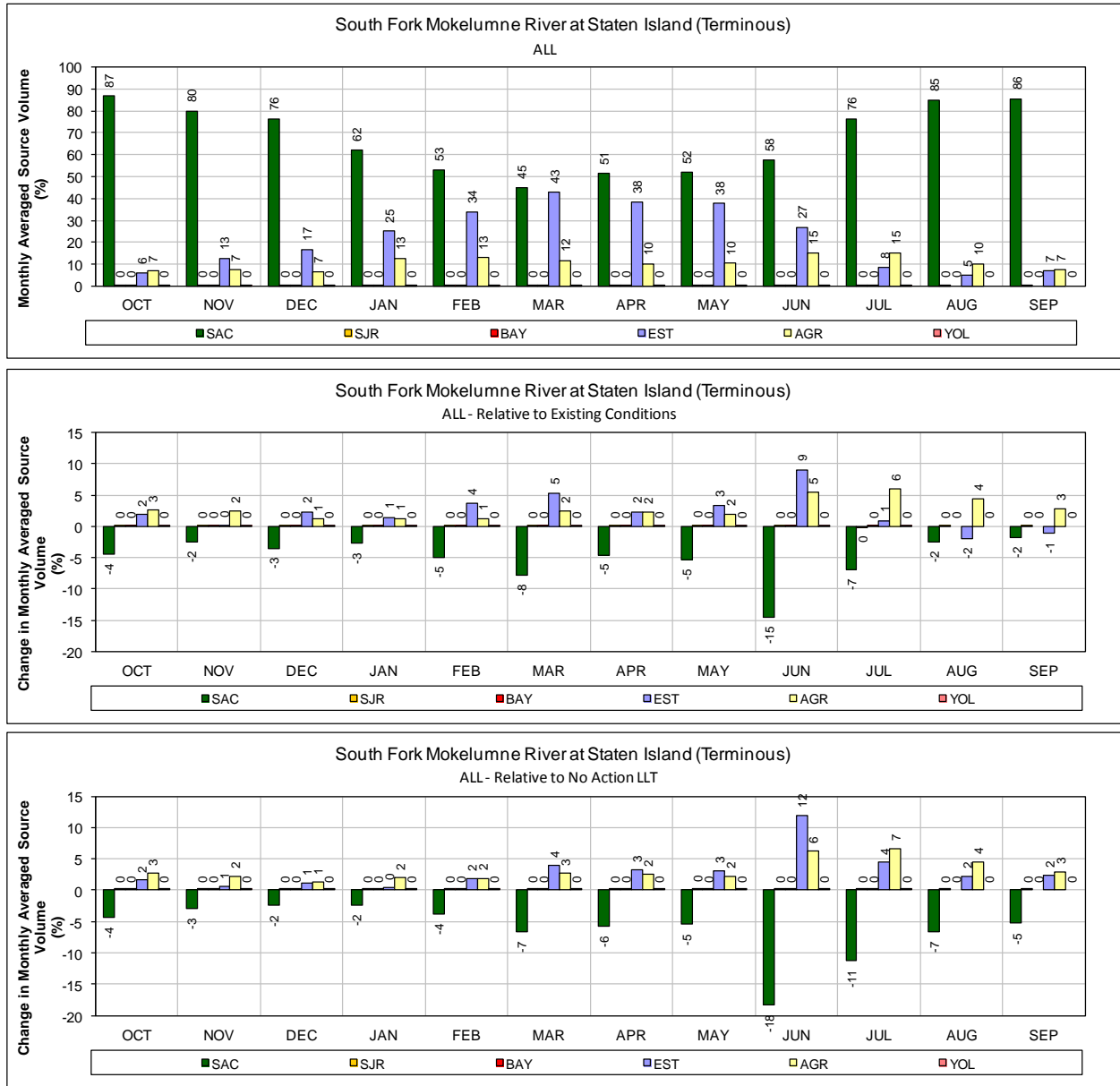
1 **Figure 154. ALT 4 Scenario H3 – Jones Pumping Plant for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures)**

1

2

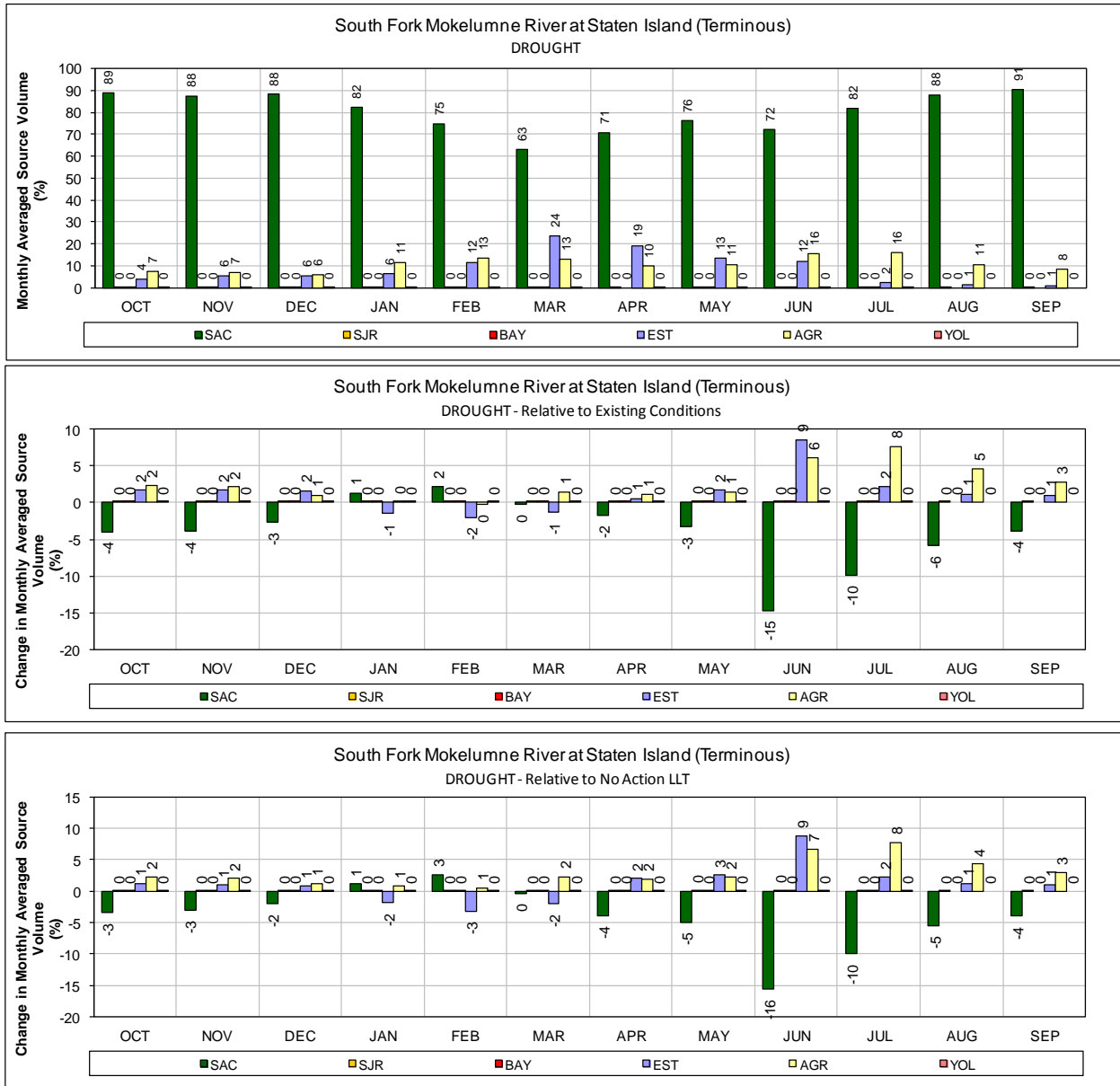
Alternative 4 LLT Scenario H4

3



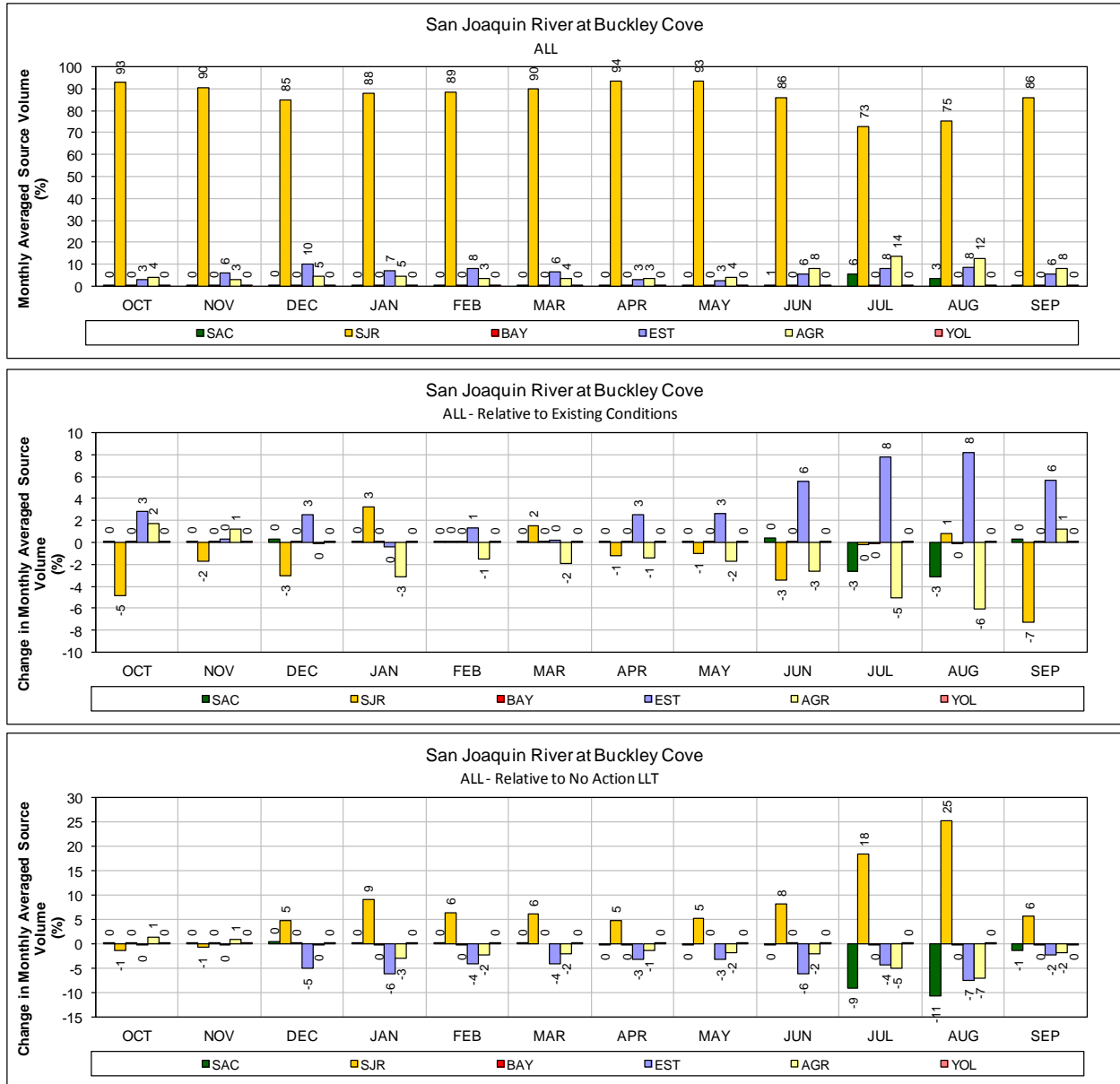
1 **Figure 155. ALT 4 Scenario H4 – Mokelumne River (South Fork) at Staten Island for ALL years**
 2 **(1976-1991)**

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).**

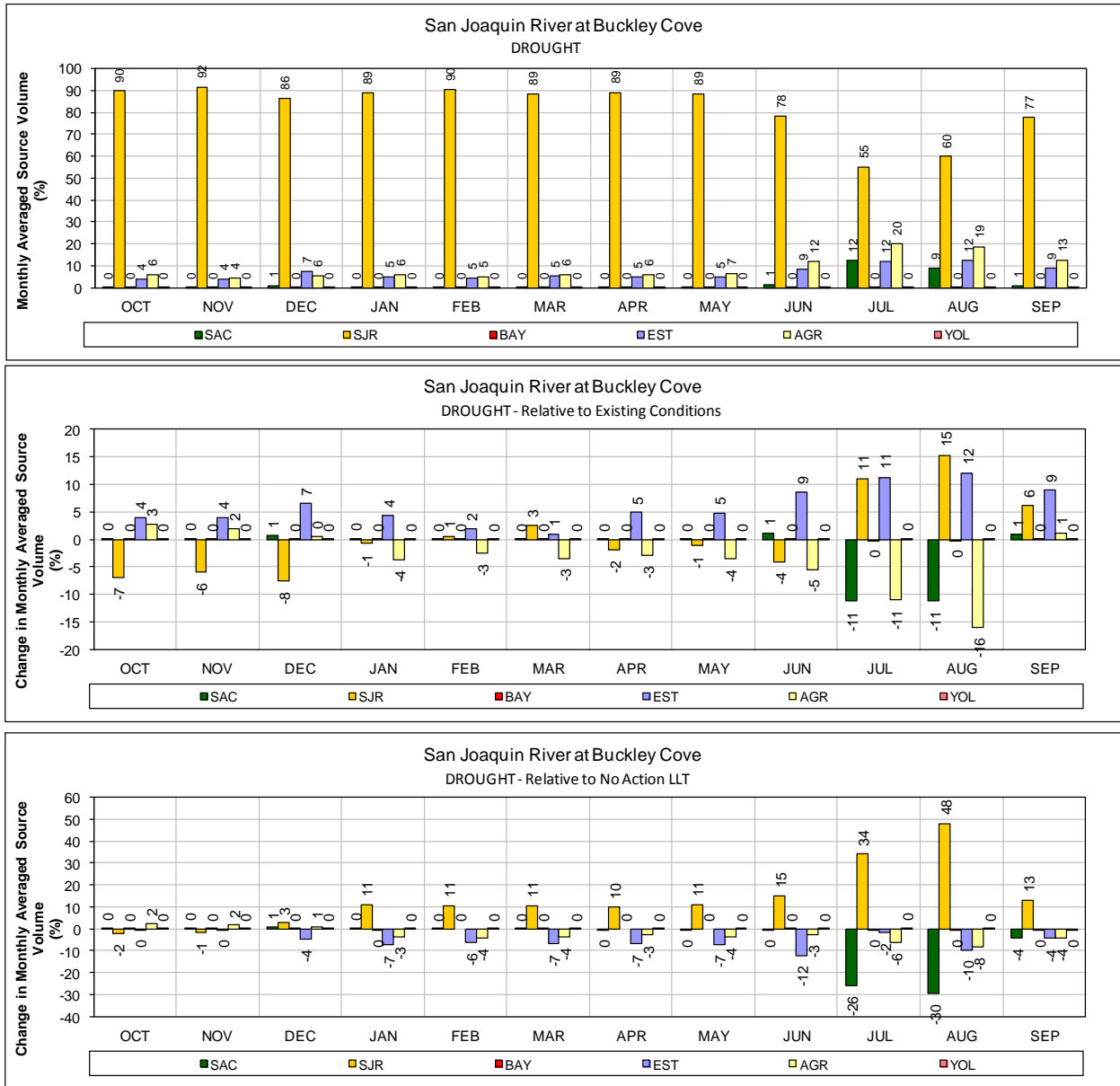


1 **Figure 156. ALT 4 Scenario H4 – Mokelumne River (South Fork) at Staten Island for**
 2 **DROUGHT years (1987-1991)**

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).**

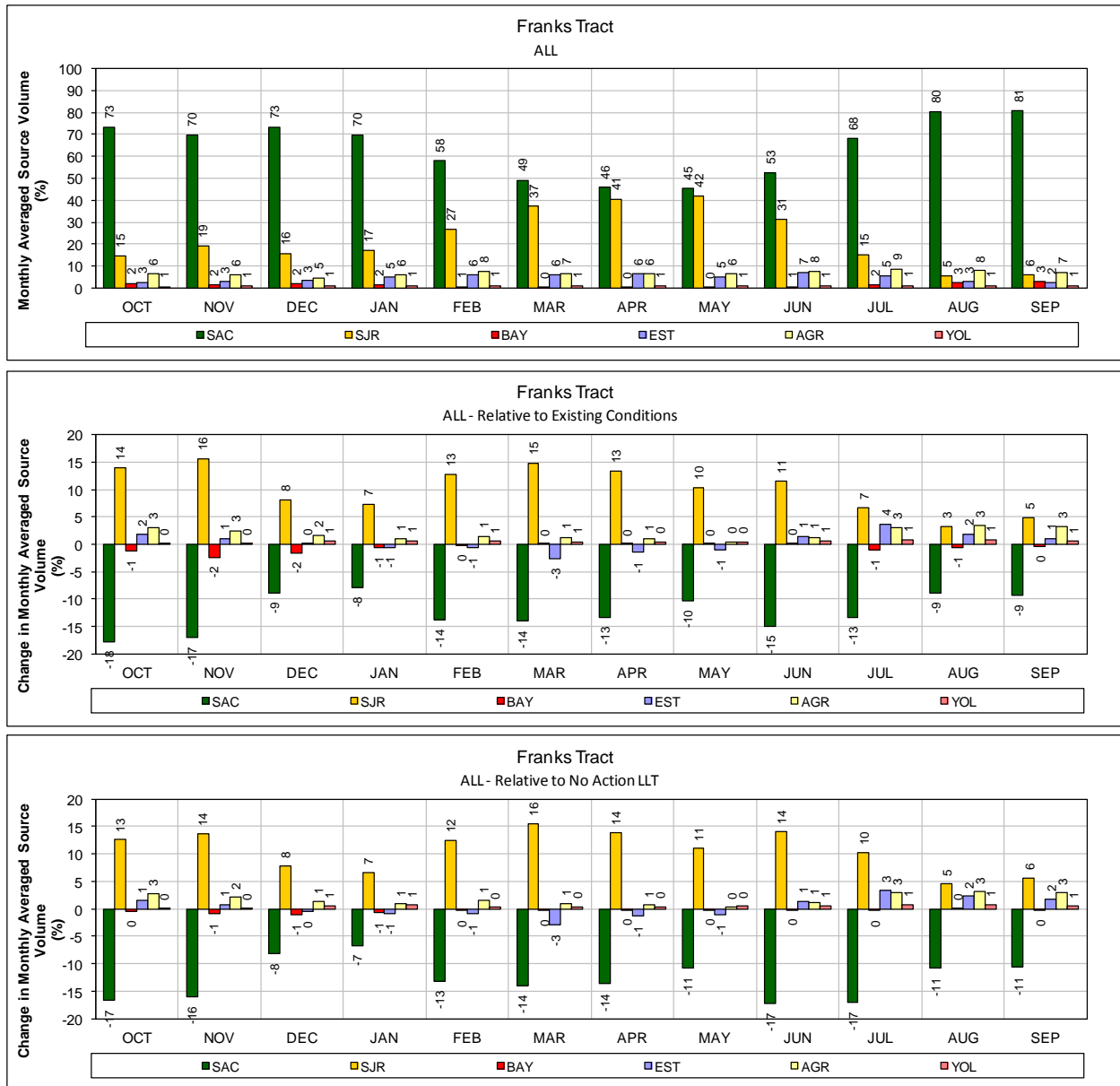


1 **Figure 157. ALT 4 Scenario H4 – San Joaquin River at Buckley Cove for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**

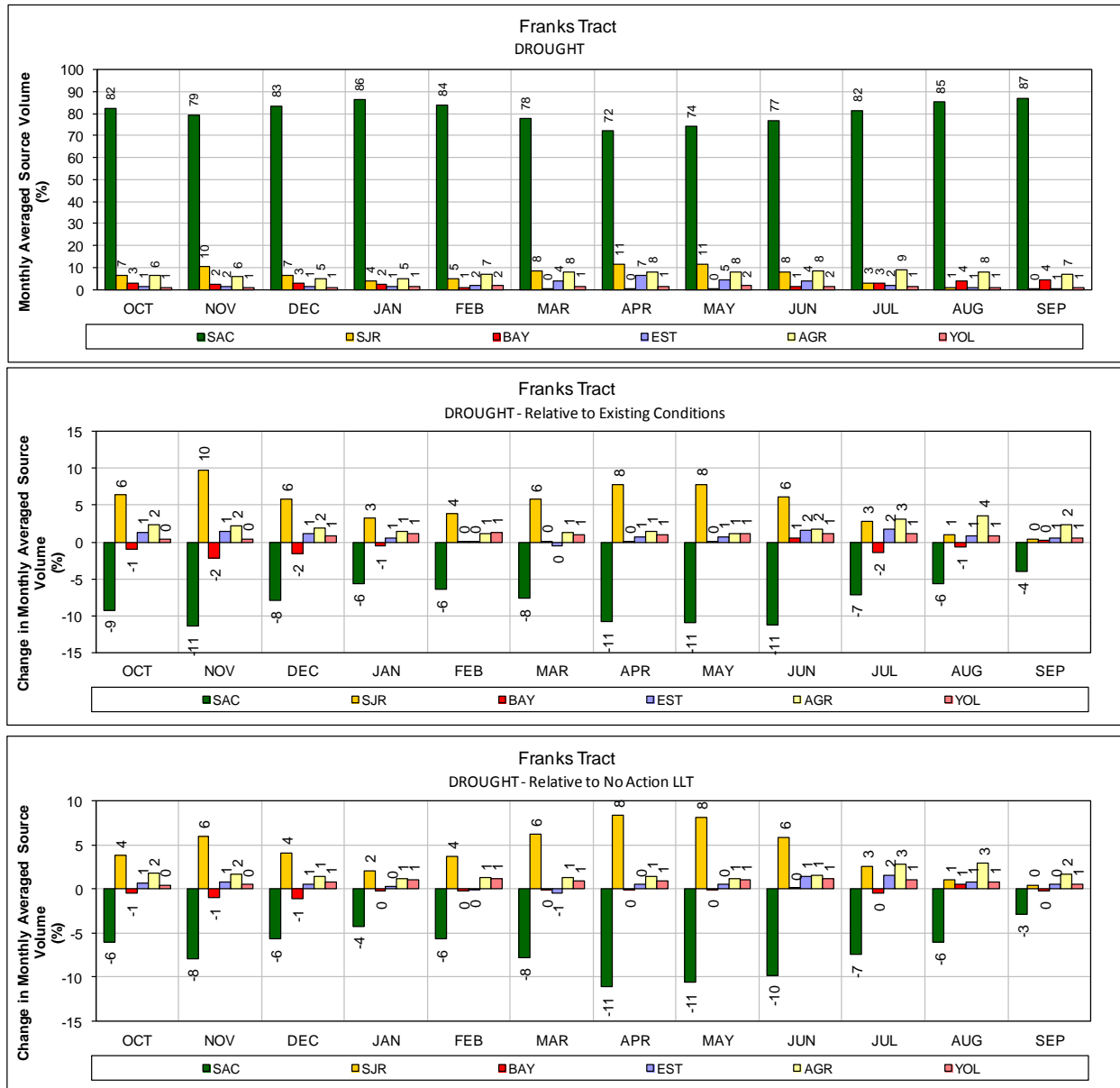


1 **Figure 158. ALT 4 Scenario H4 – San Joaquin River at Buckley Cove for DROUGHT years**
 2 **(1987-1991)**

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).**



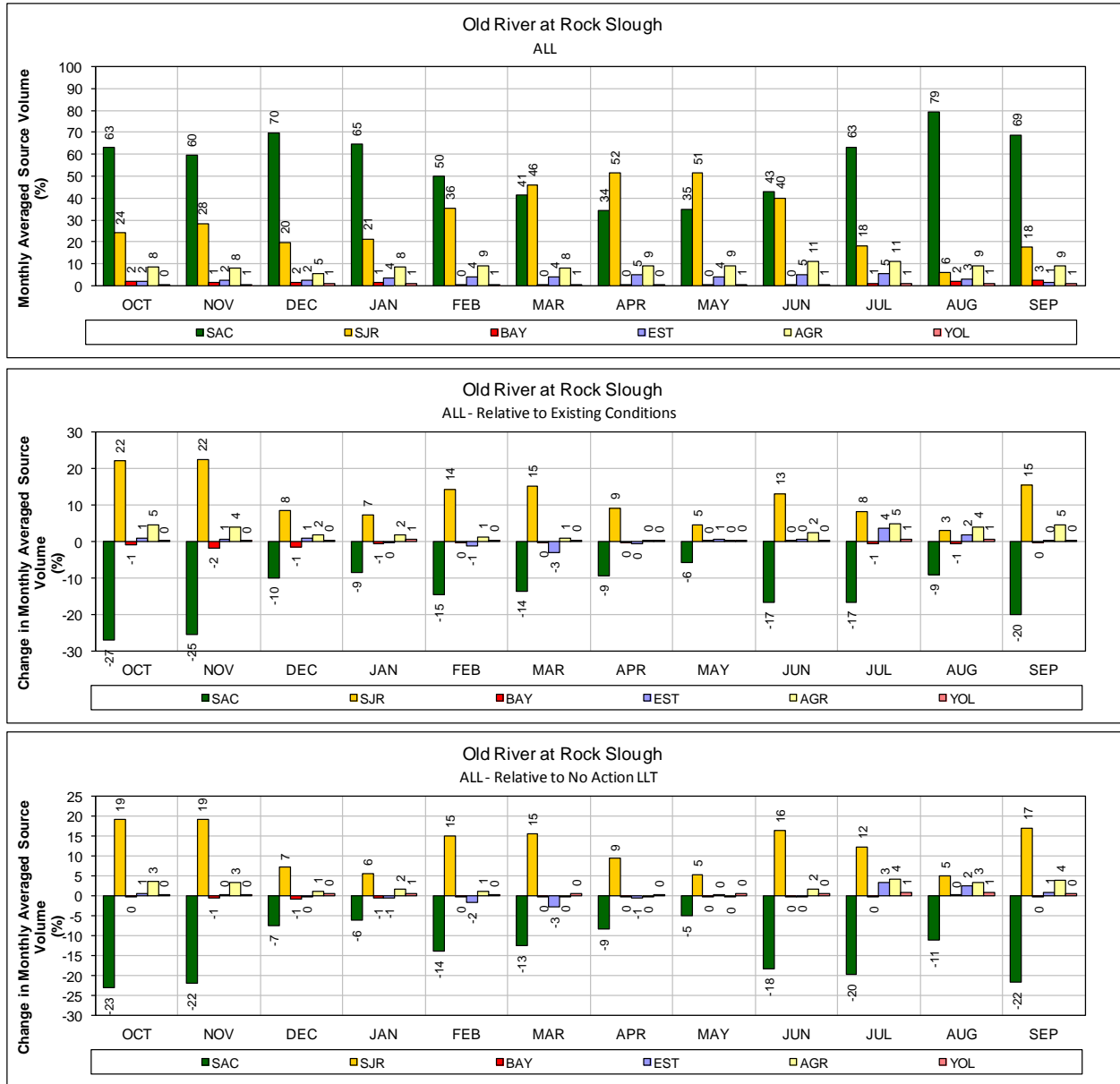
1 **Figure 159. ALT 4 – Franks Tract for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



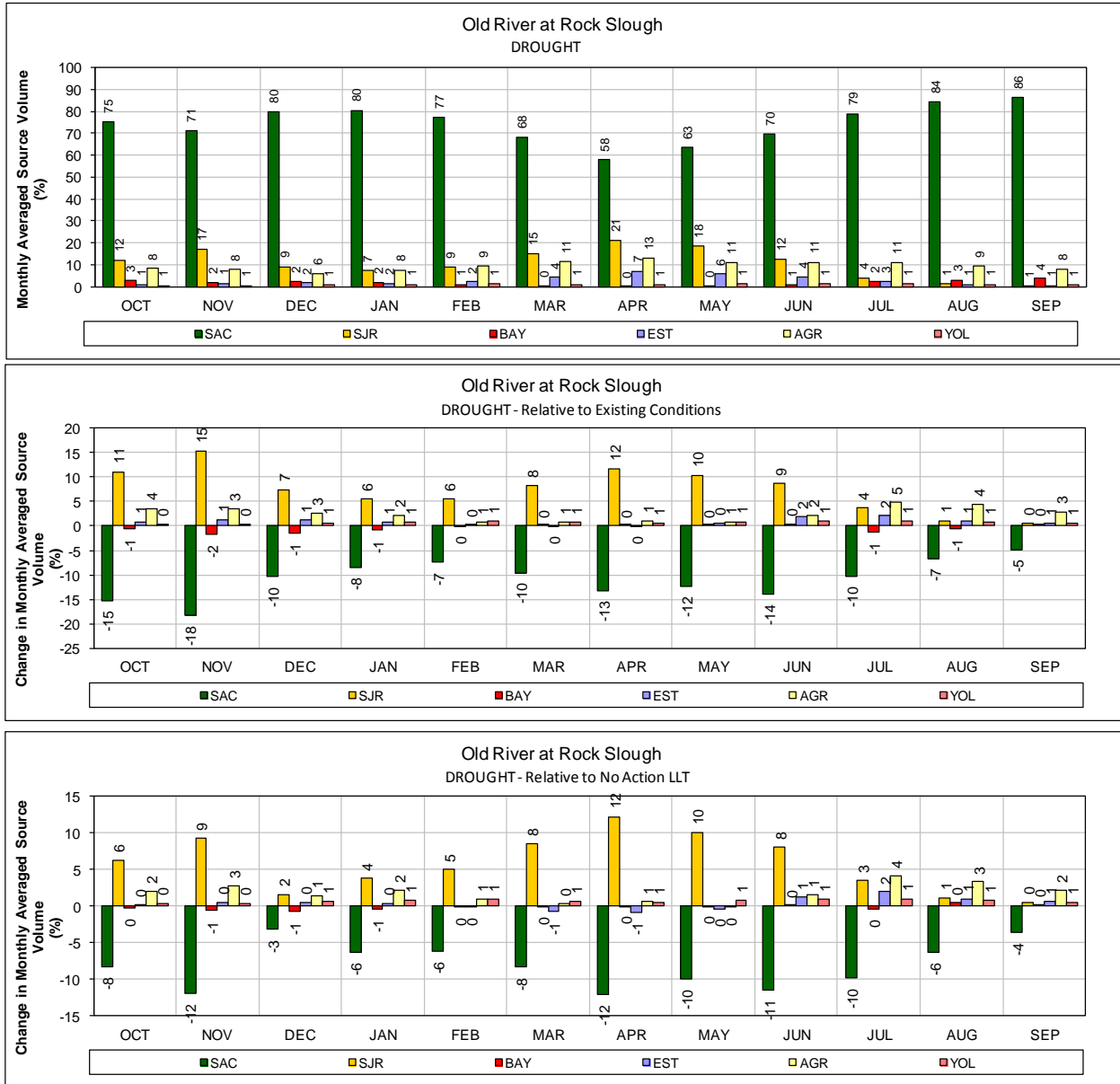
1 **Figure 160. ALT 4 Scenario H4 – Franks Tract for DROUGHT years (1987-1991)**

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

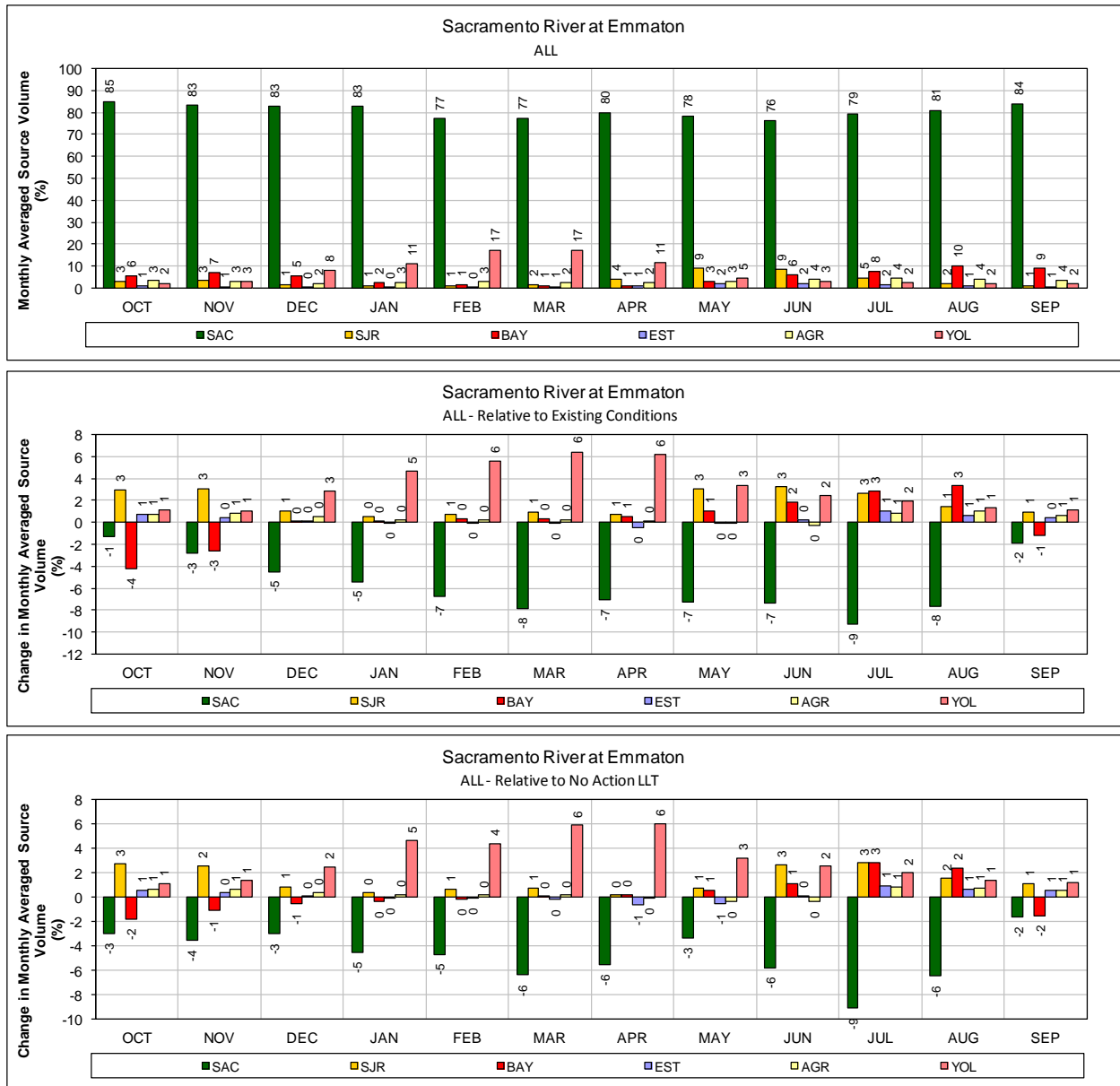
3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



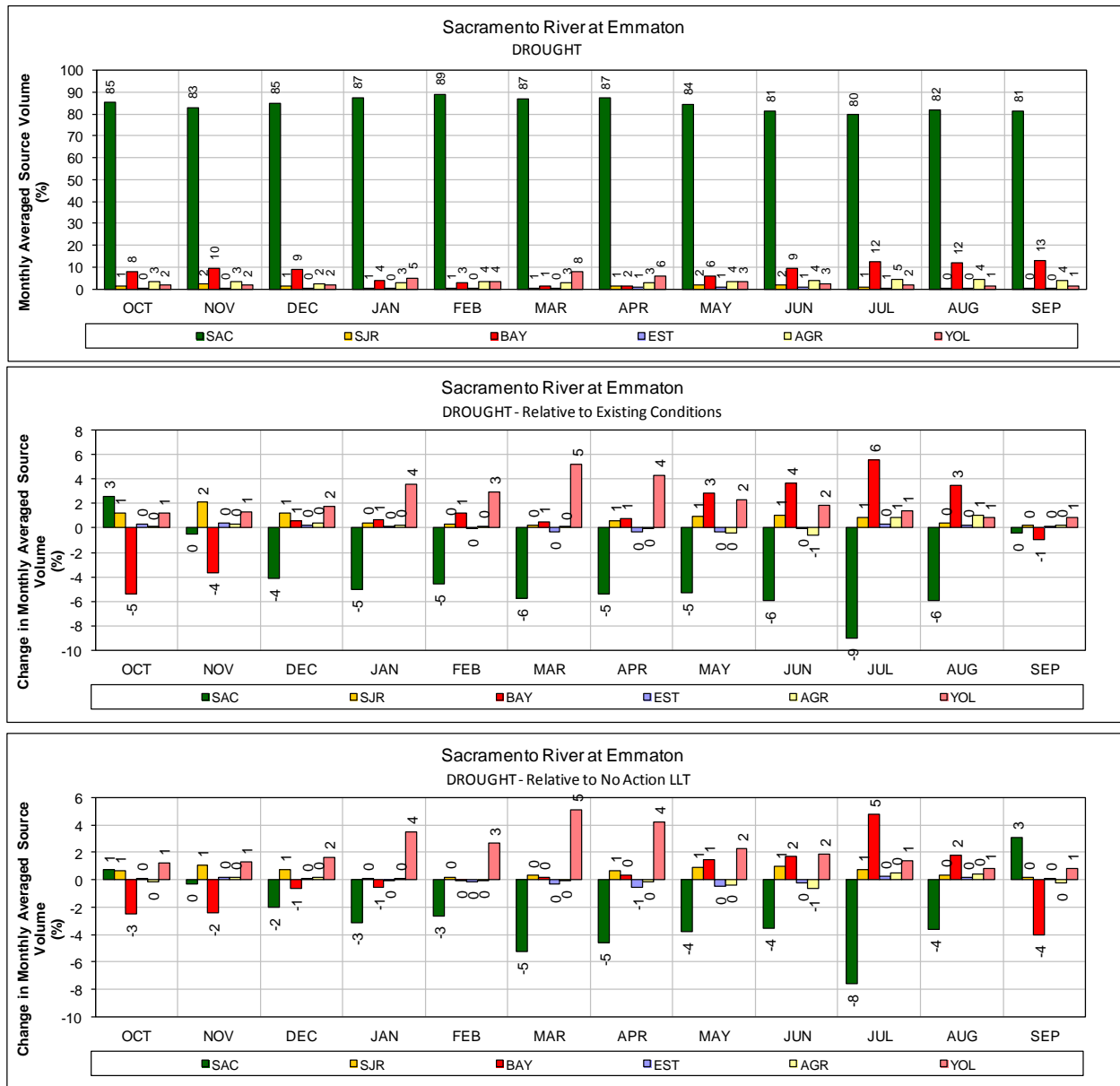
1 **Figure 161. ALT 4 Scenario H4 – Old River at Rock Slough for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



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).**

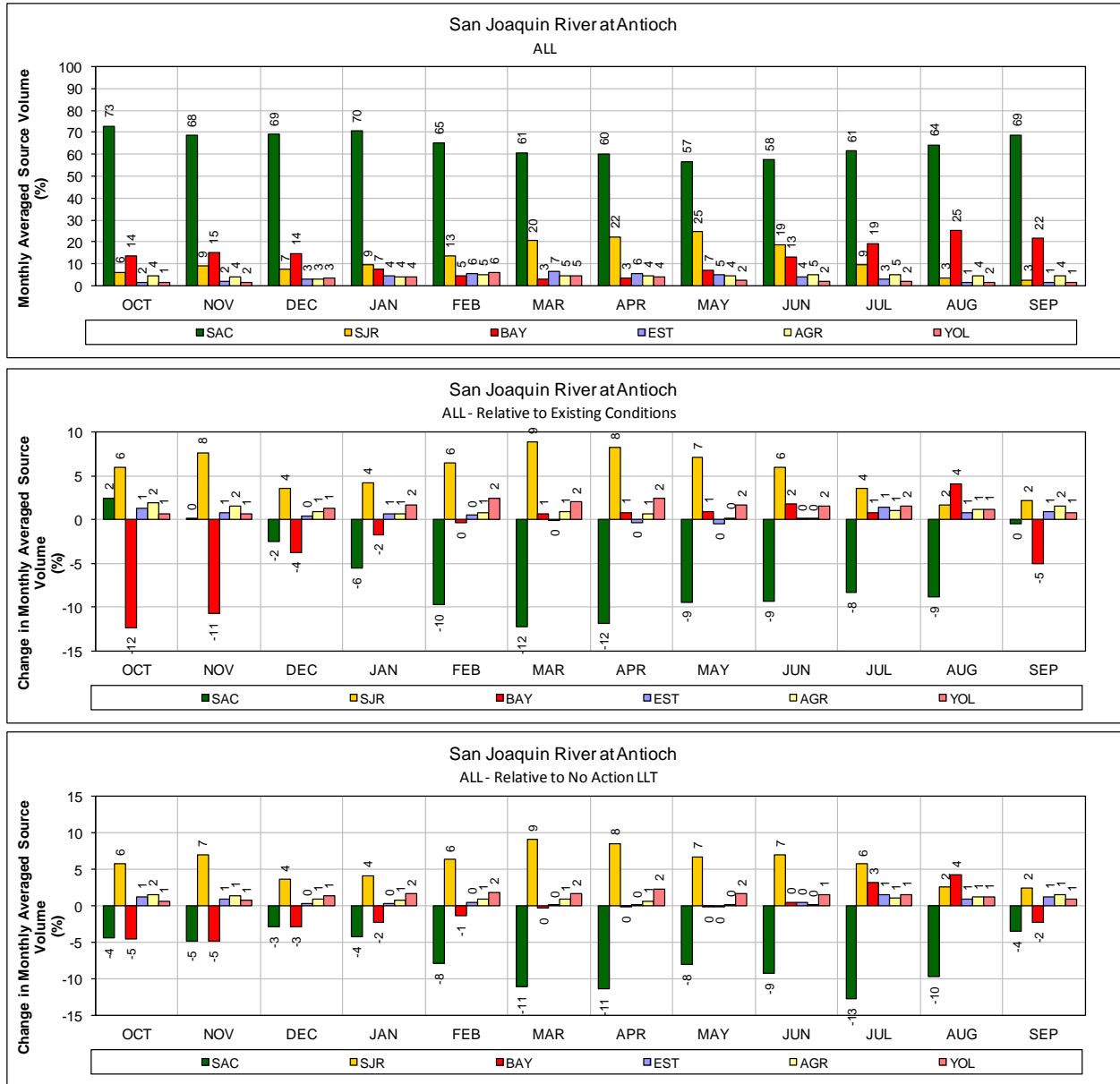


1 **Figure 163. ALT 4 Scenario H4 – Sacramento River at Emmaton for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**

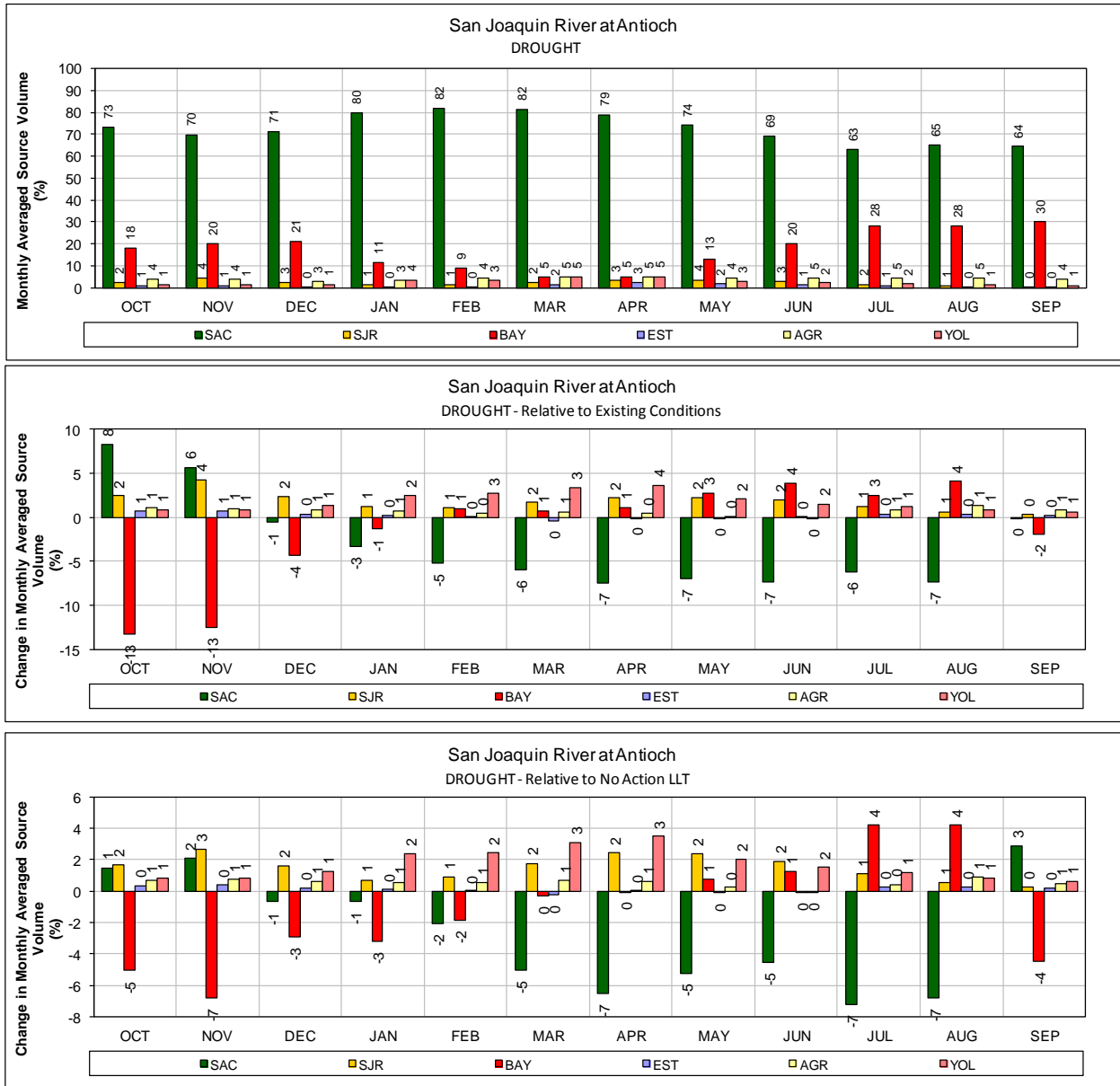


1 **Figure 164. ALT 4 Scenario H4 – Sacramento River at Emmaton for DROUGHT years (1987-**
 2 **1991)**

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).**

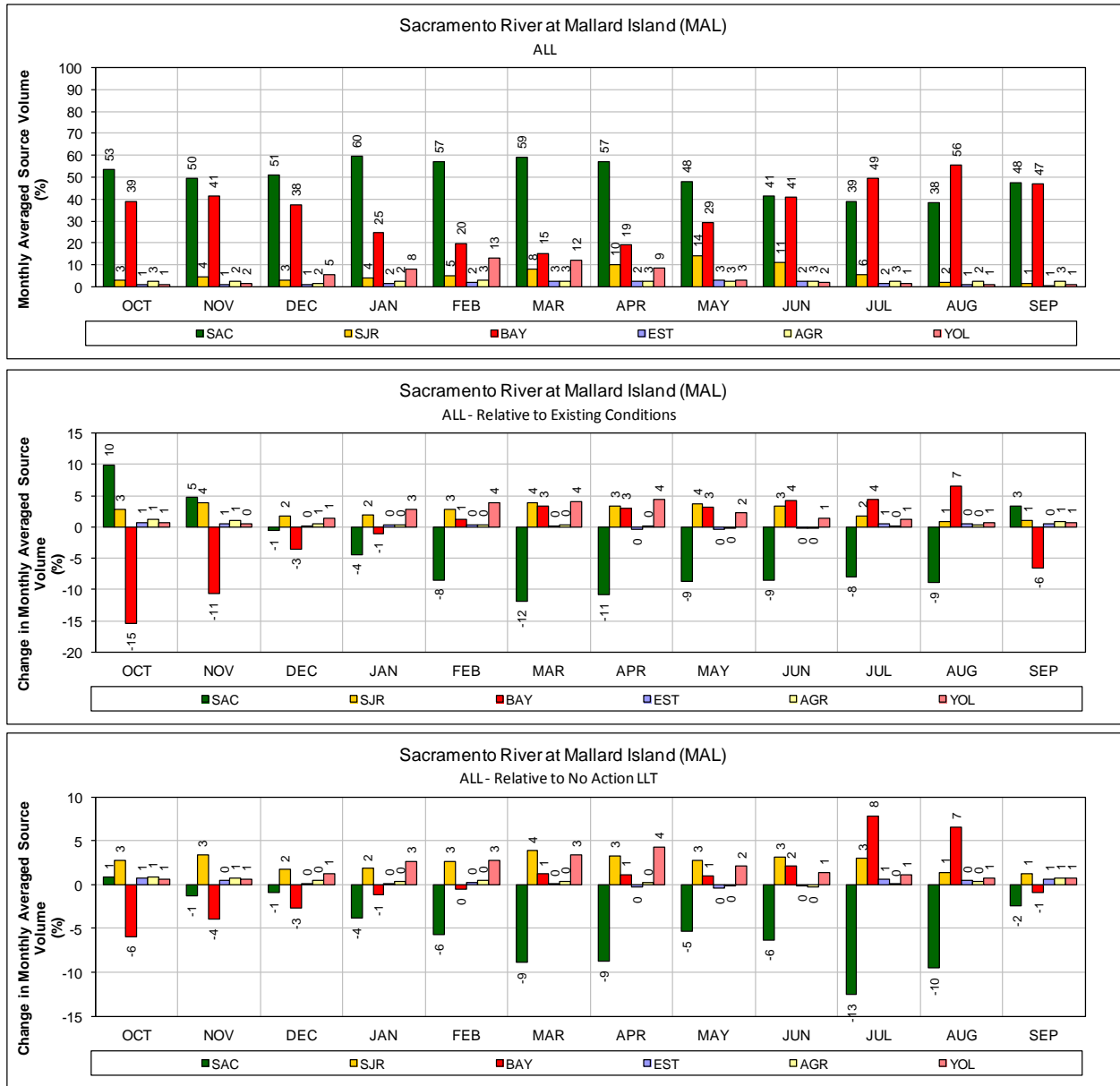


1 **Figure 165. ALT 4 Scenario H4 – San Joaquin River at Antioch for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



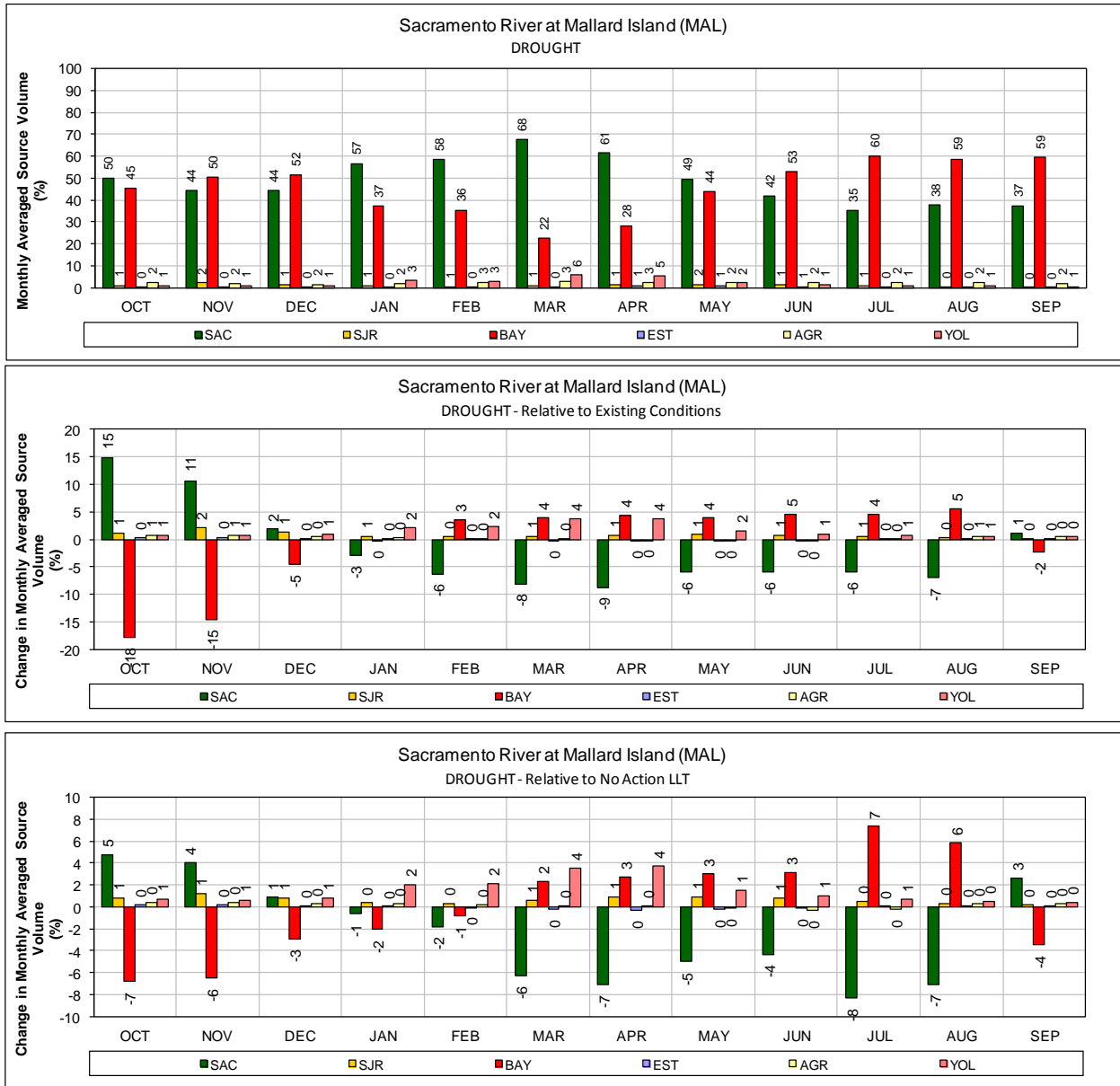
1 **Figure 166. ALT 4 Scenario H4 – San Joaquin River at Antioch for DROUGHT years (1987-**
 2 **1991)**

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).**



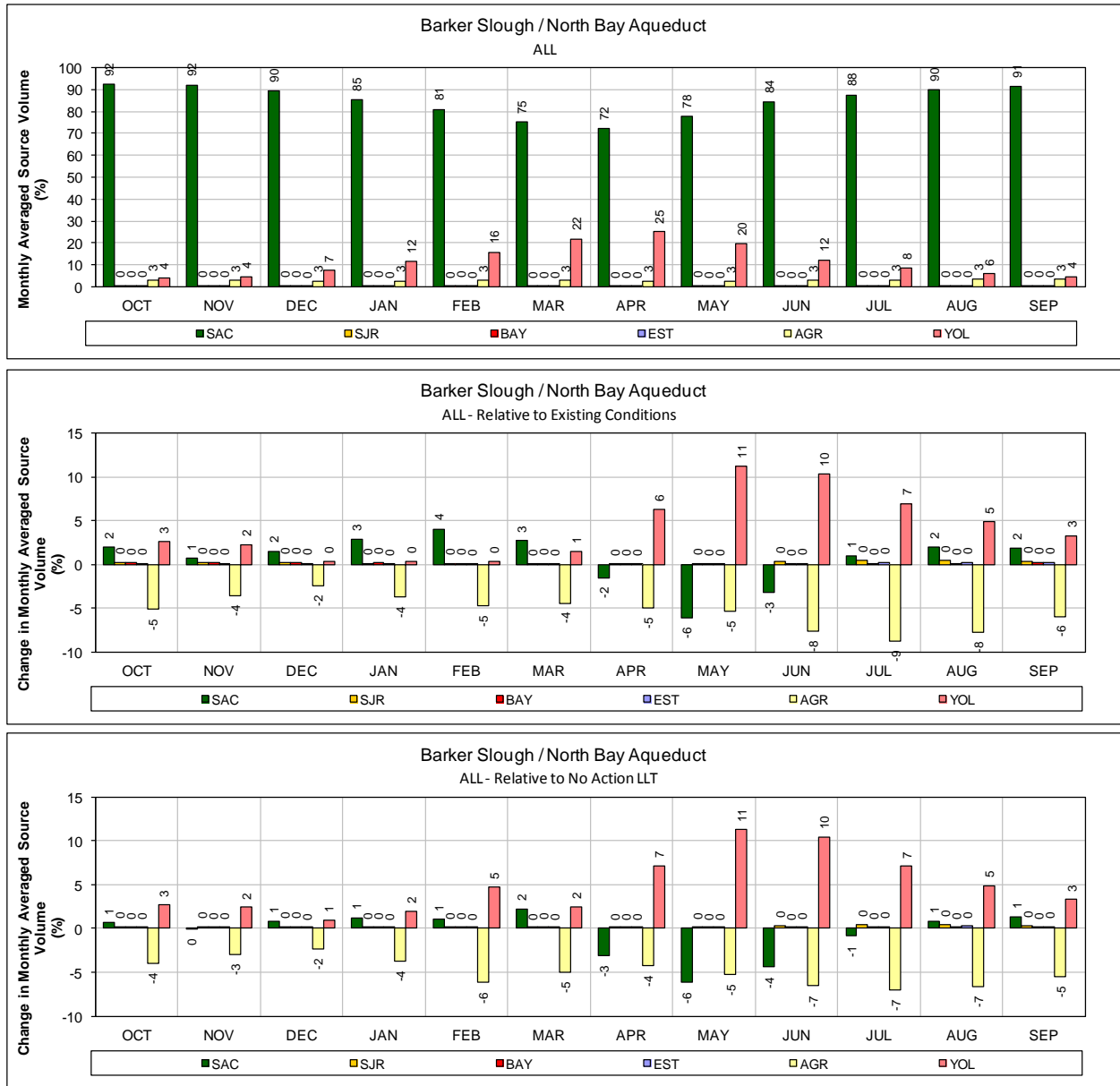
1 **Figure 167. ALT 4 Scenario H4 – Sacramento River at Mallard Island for ALL years (1976-**
 2 **1991)**

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).**

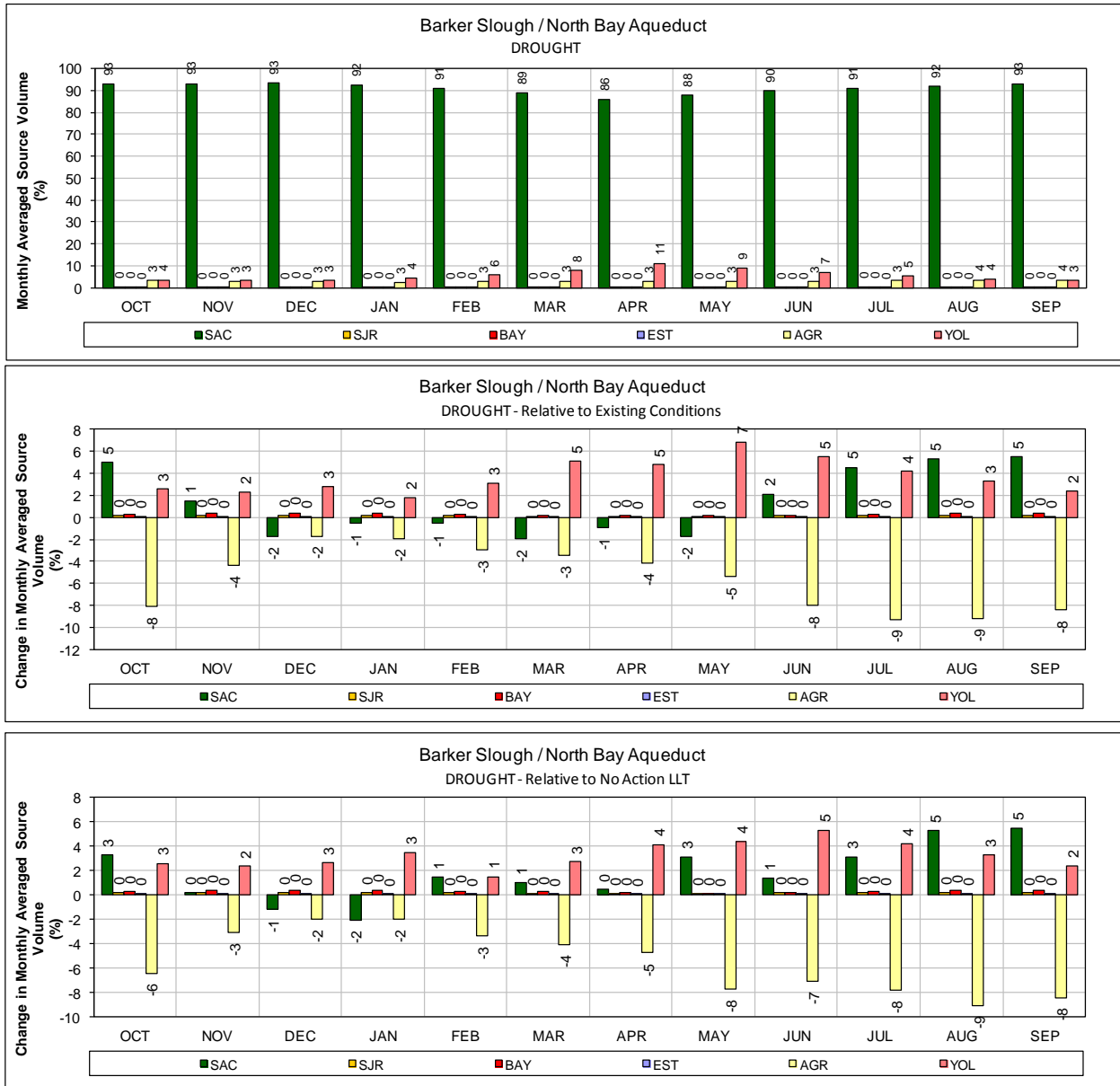


1 **Figure 168. ALT 4 Scenario H4 – Sacramento River at Mallard Island for DROUGHT years**
 2 **(1987-1991)**

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).**

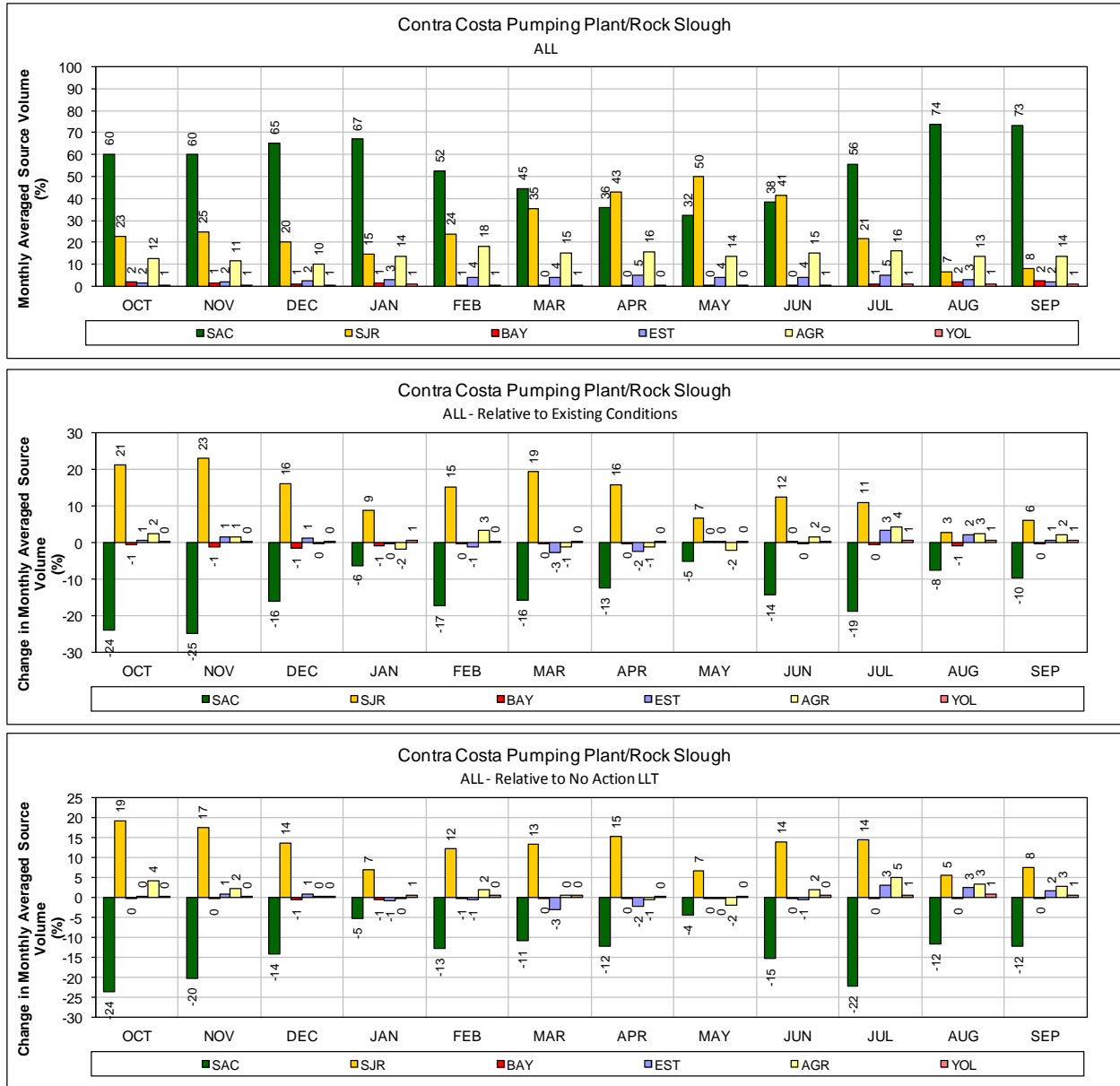


1 **Figure 169. ALT 4 Scenario H4 – North Bay Aqueduct at Barker Slough Pumping Plant for ALL**
 2 **years (1976-1991)**
 3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom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

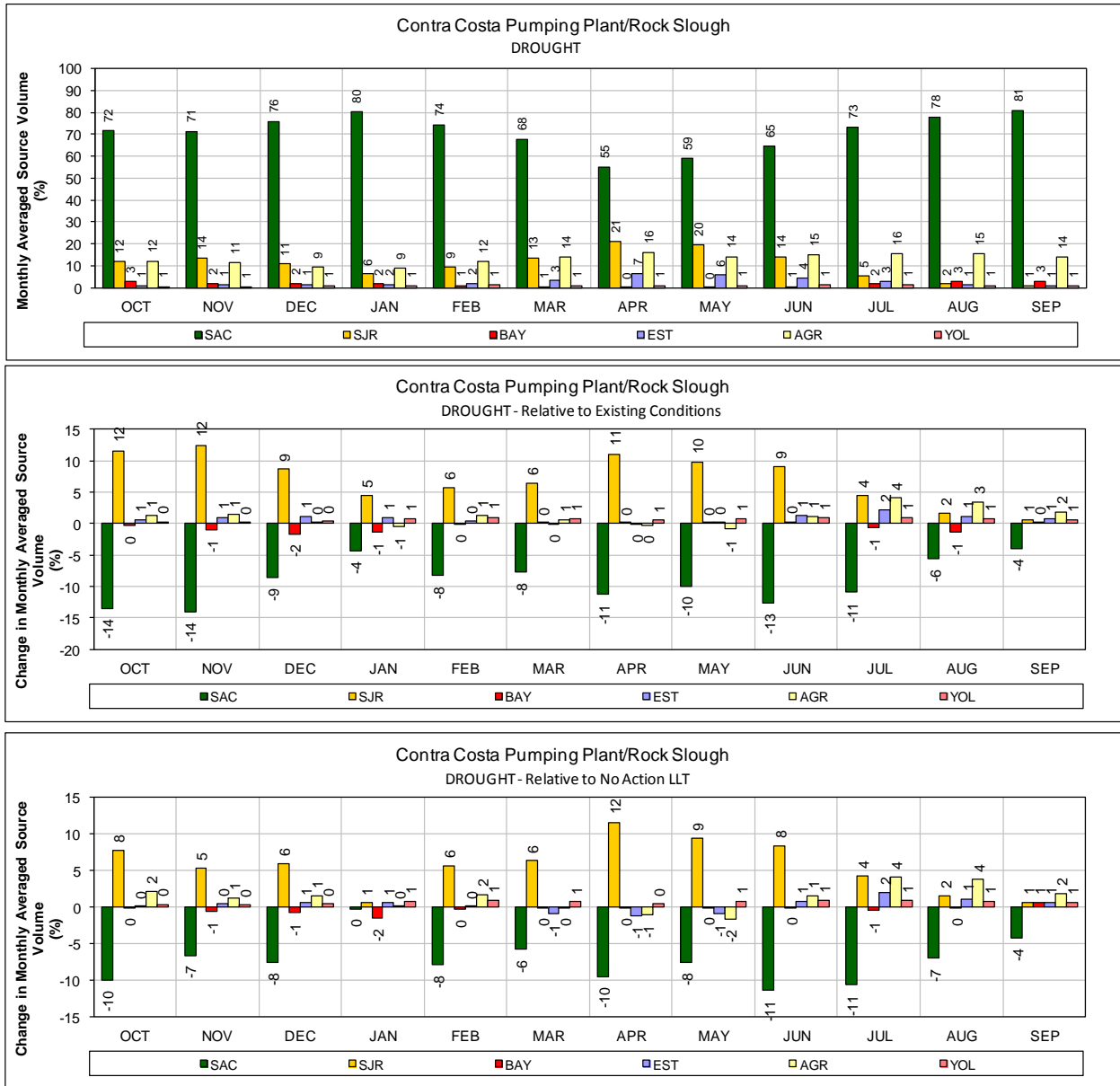


1 **Figure 170. ALT 4 Scenario H4 – North Bay Aqueduct at Barker Slough Pumping Plant for**
 2 **DROUGHT years (1987-1991)**

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).**

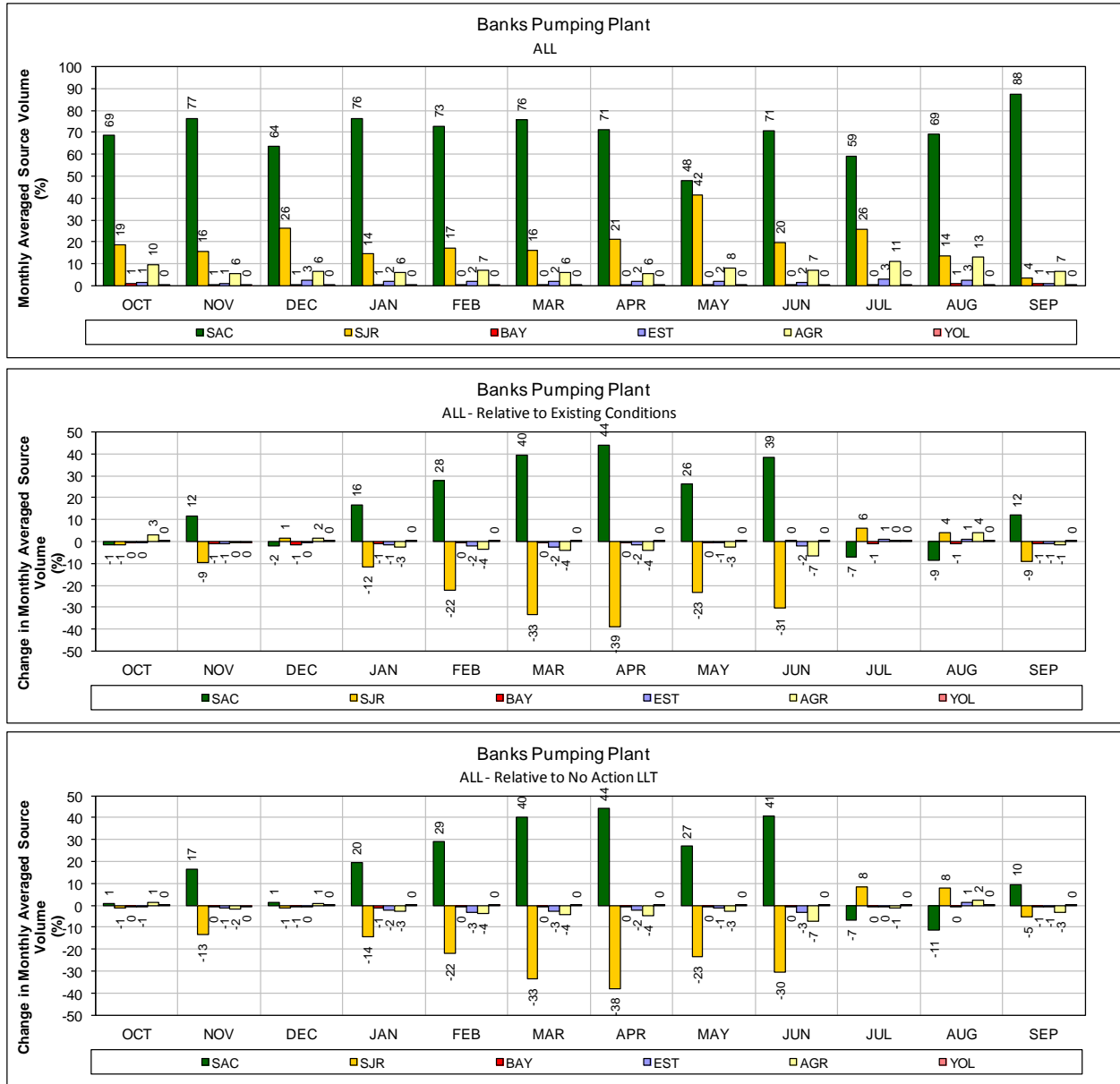


1 **Figure 171. ALT 4 Scenario H4 – Contra Costa Pumping Plant #1 for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**

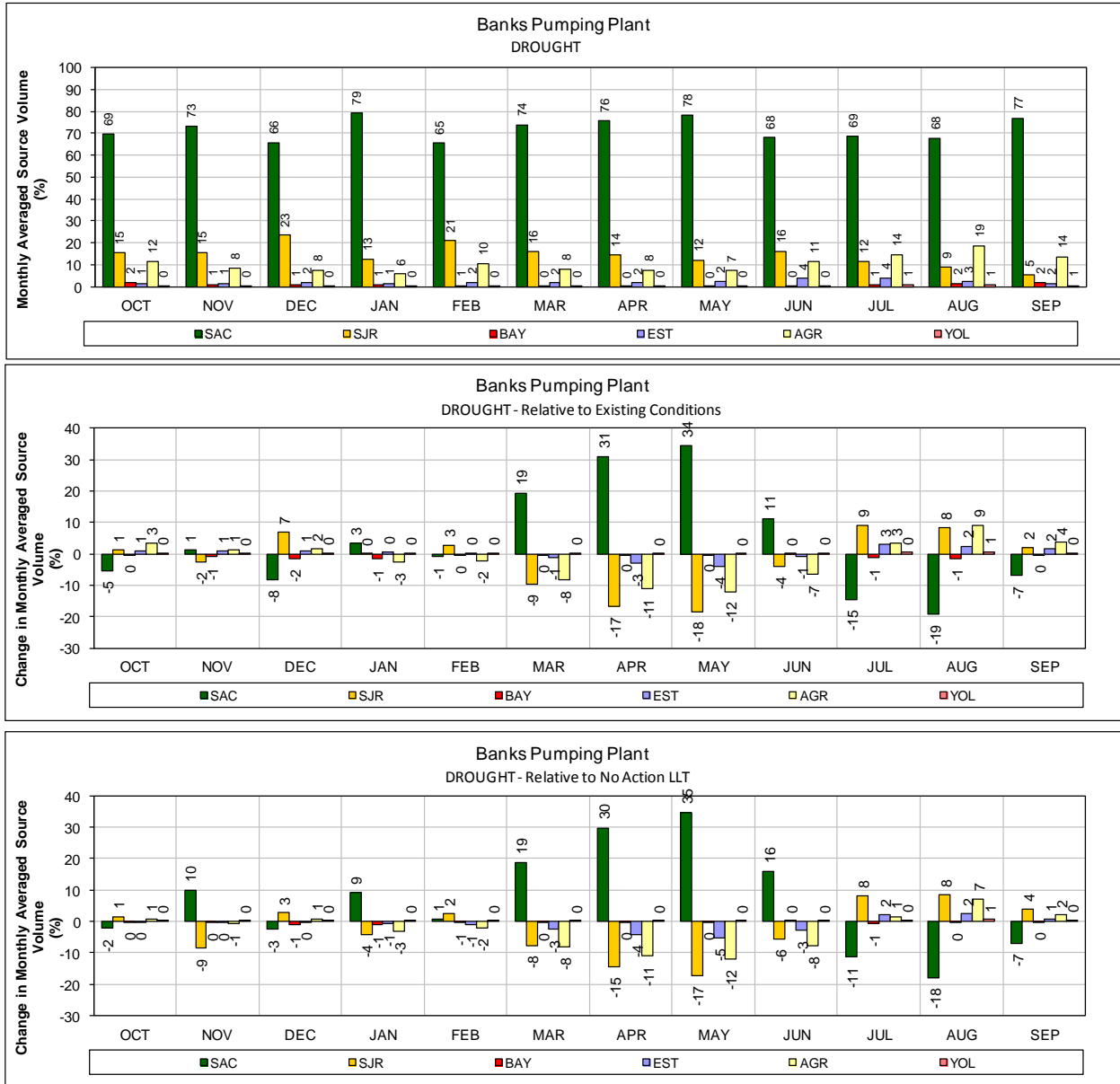


1 **Figure 172. ALT 4 Scenario H4 – Contra Costa Pumping Plant #1 for DROUGHT years (1987-**
 2 **1991)**

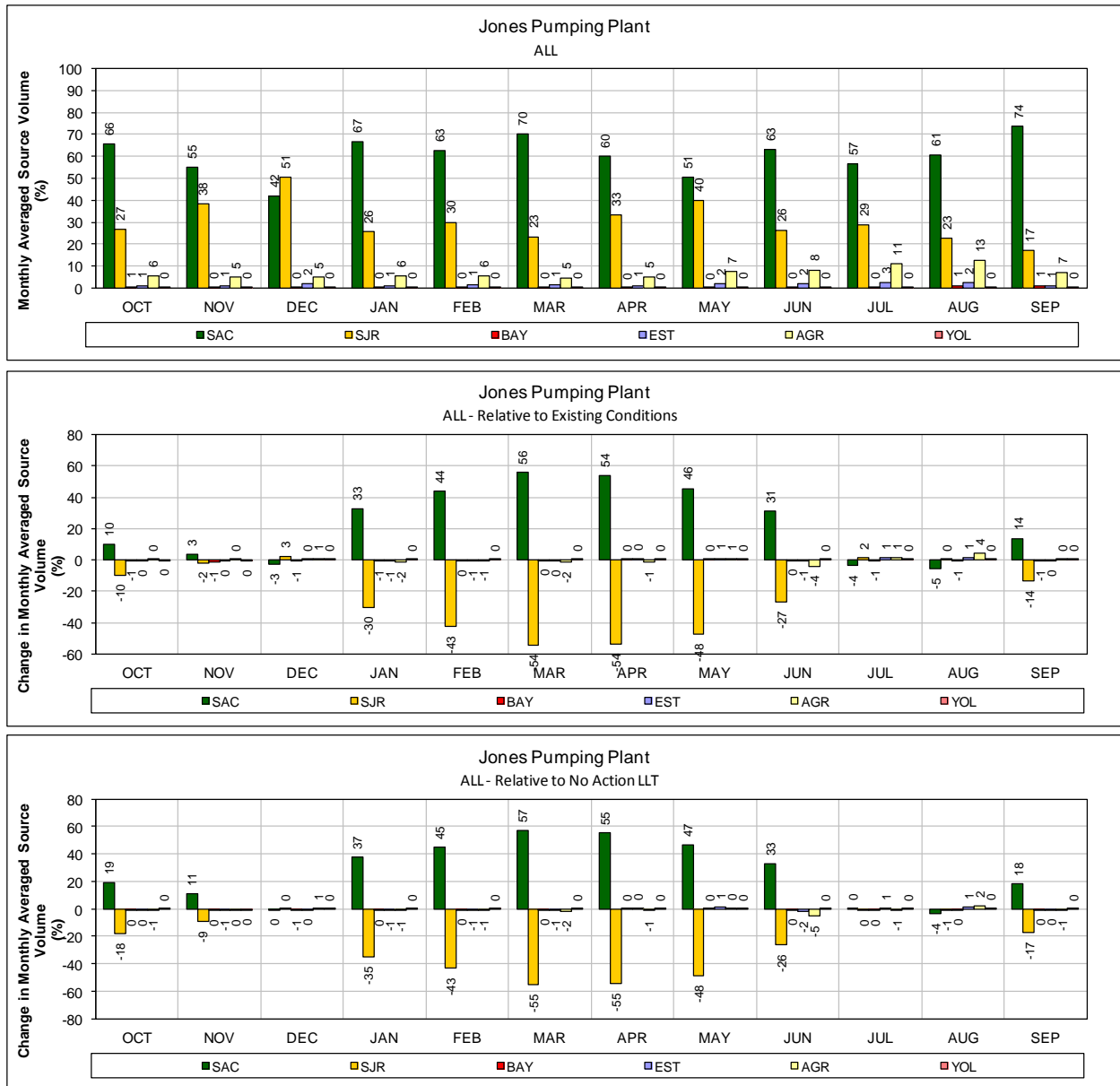
3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



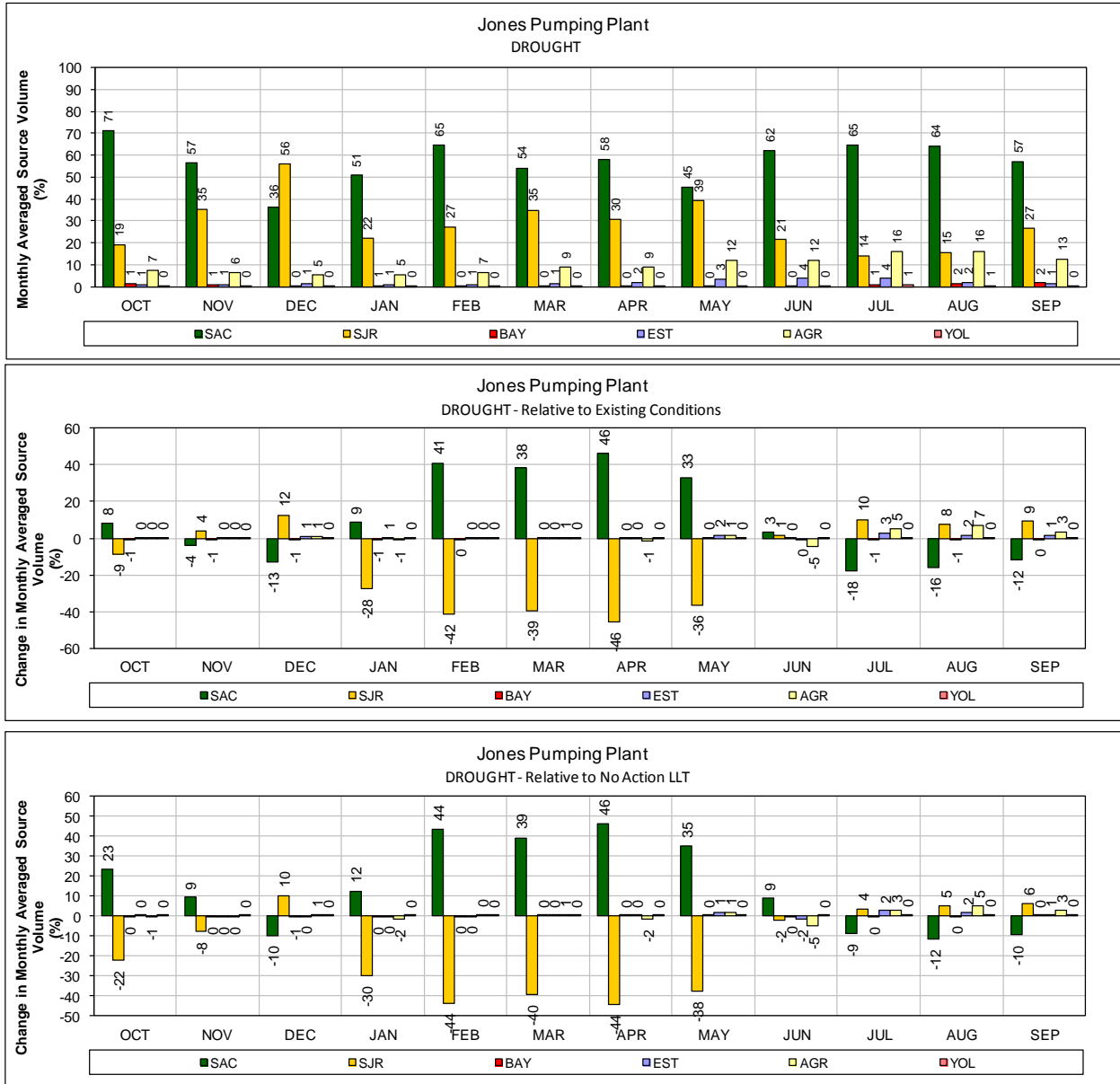
1 **Figure 173. ALT 4 Scenario H4 – Banks Pumping Plant for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



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).**

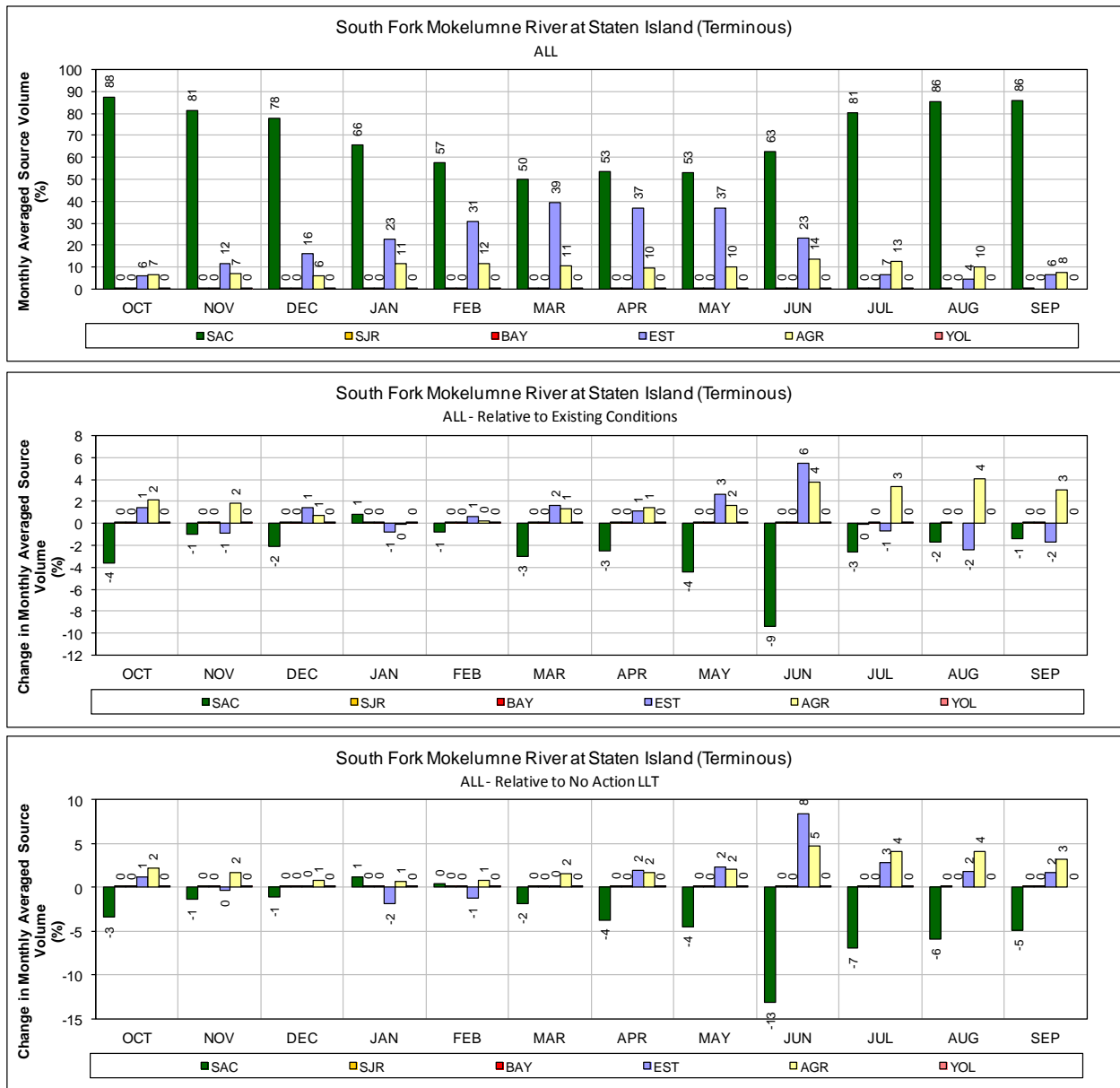


1 **Figure 175. ALT 4 Scenario H4 – Jones Pumping Plant for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



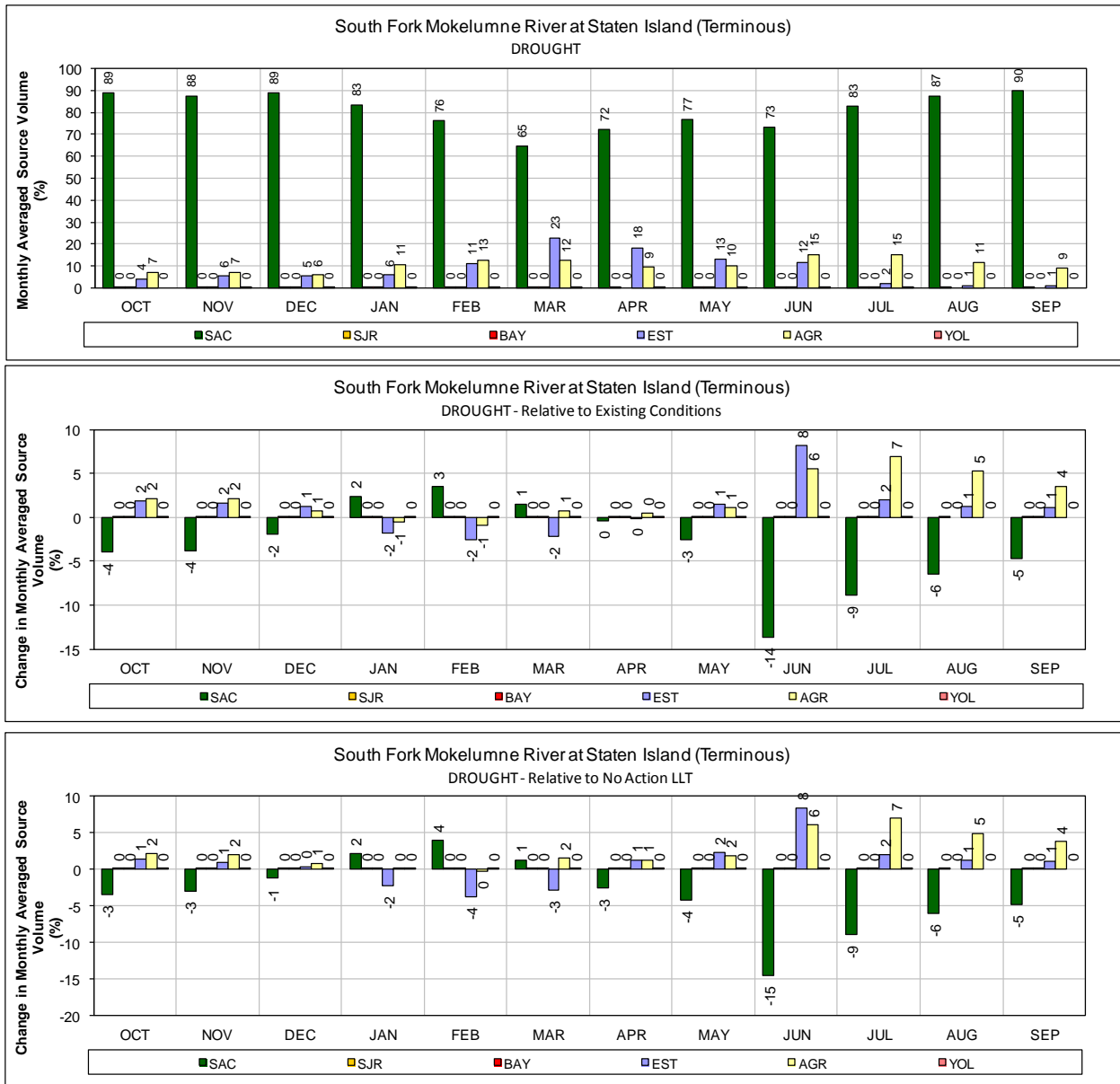
1 **Figure 176. ALT 4 Scenario H4 – Jones Pumping Plant for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures)**

Alternative 5 LLT

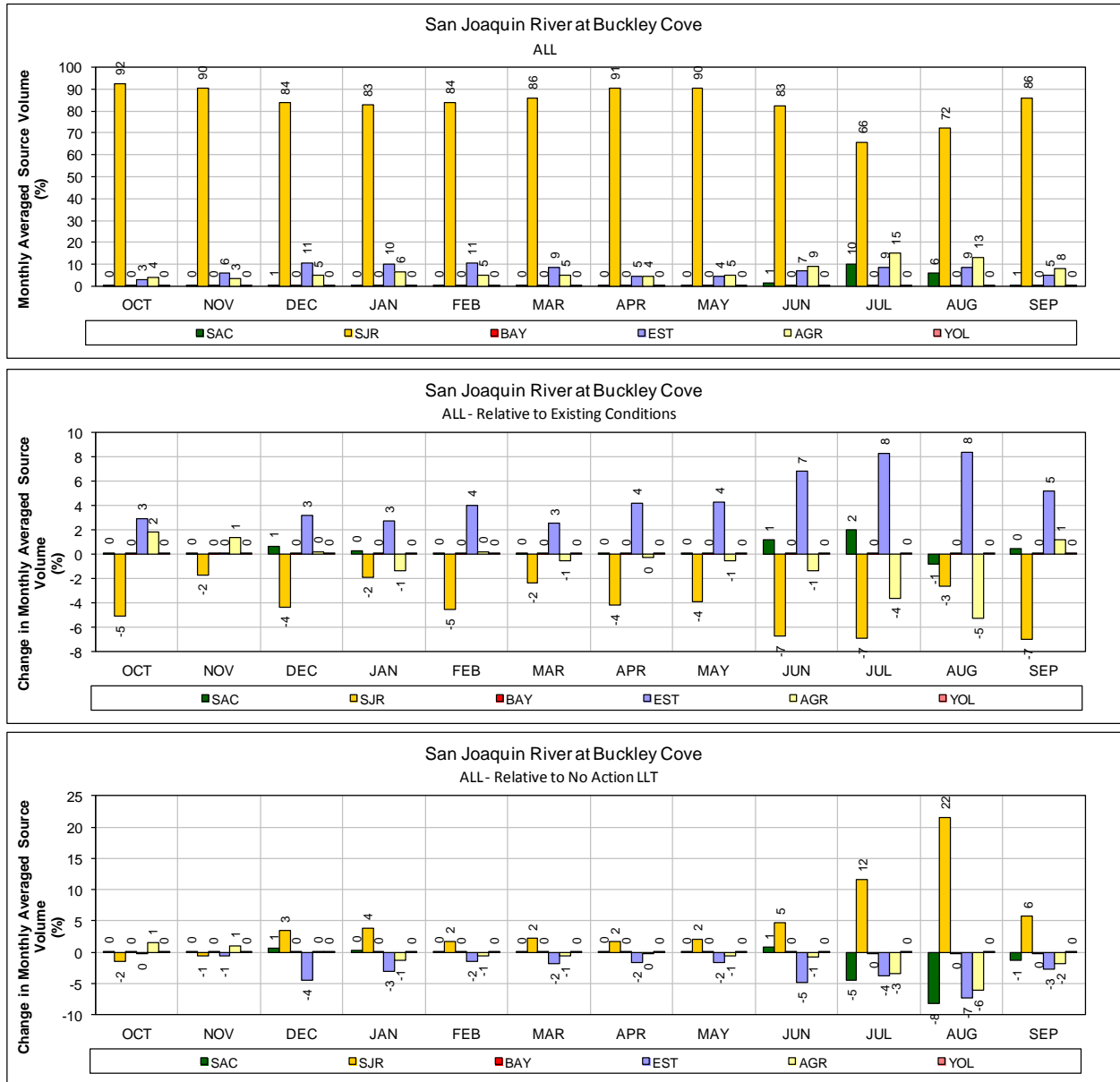


1 **Figure 177. ALT 5 – Mokelumne River (South Fork) at Staten Island for ALL years (1976-**
 2 **1991)**

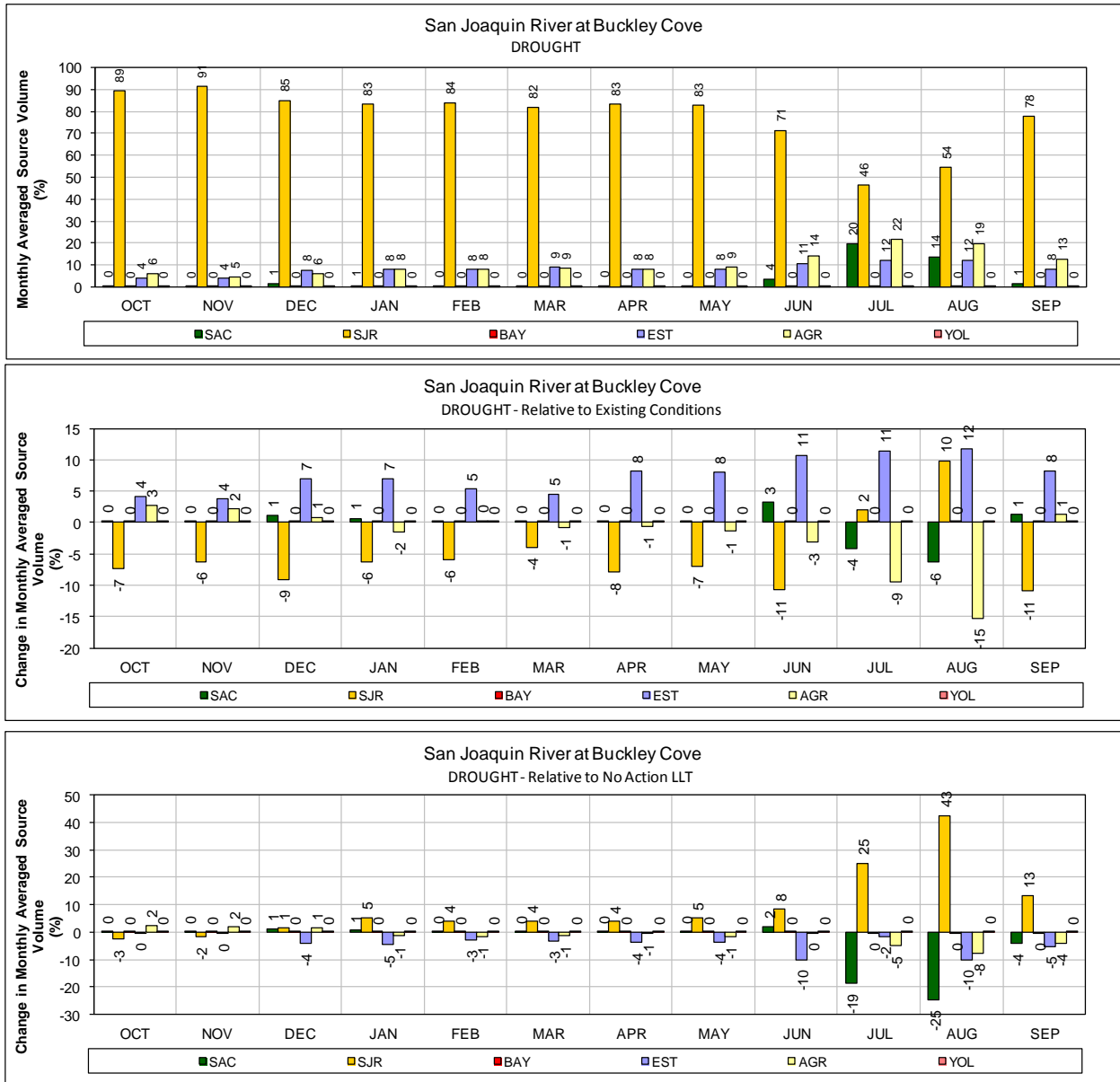
3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



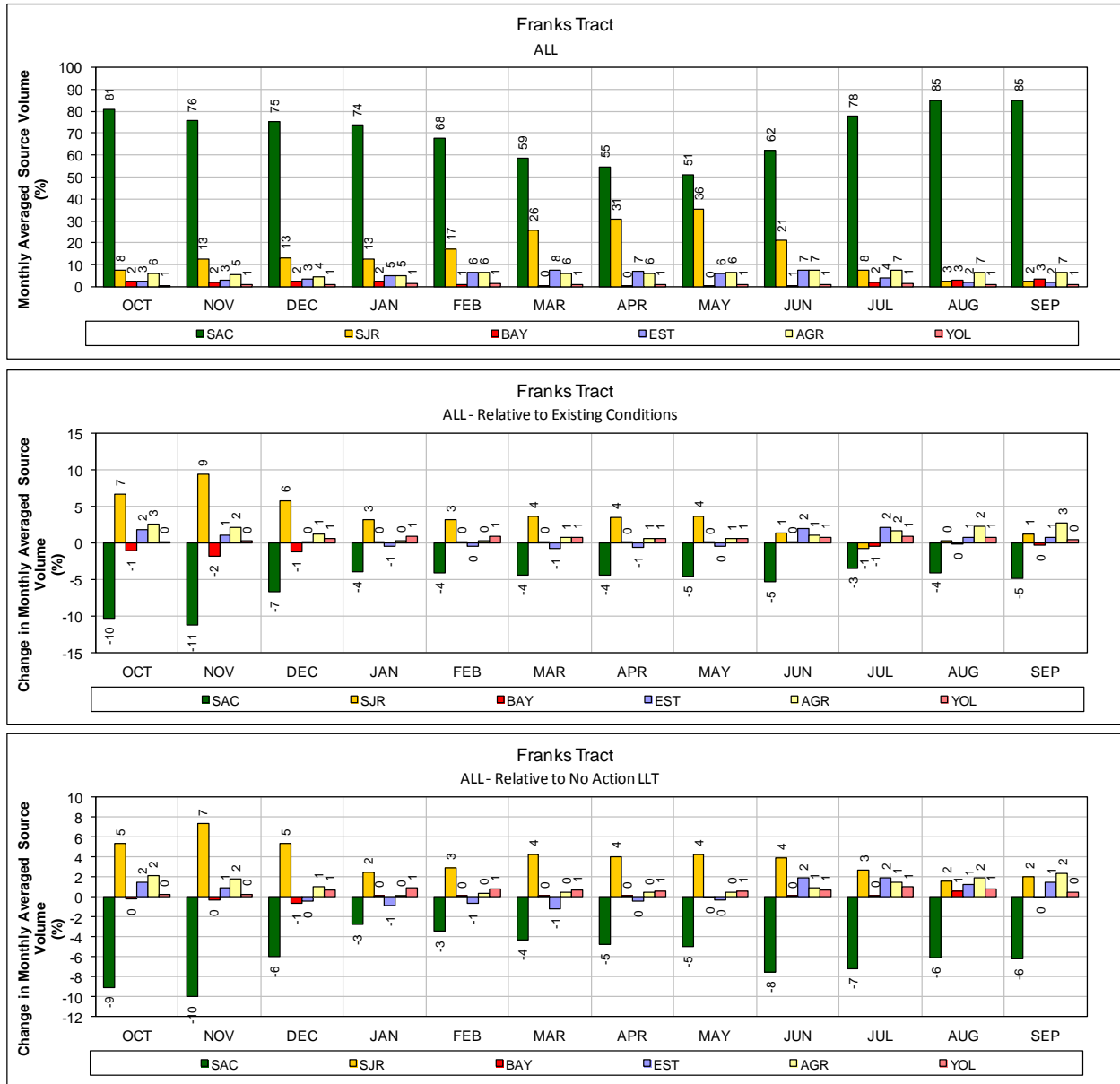
1 **Figure 178. ALT 5 – Mokelumne River (South Fork) at Staten Island for DROUGHT years**
 2 **(1987-1991)**
 3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



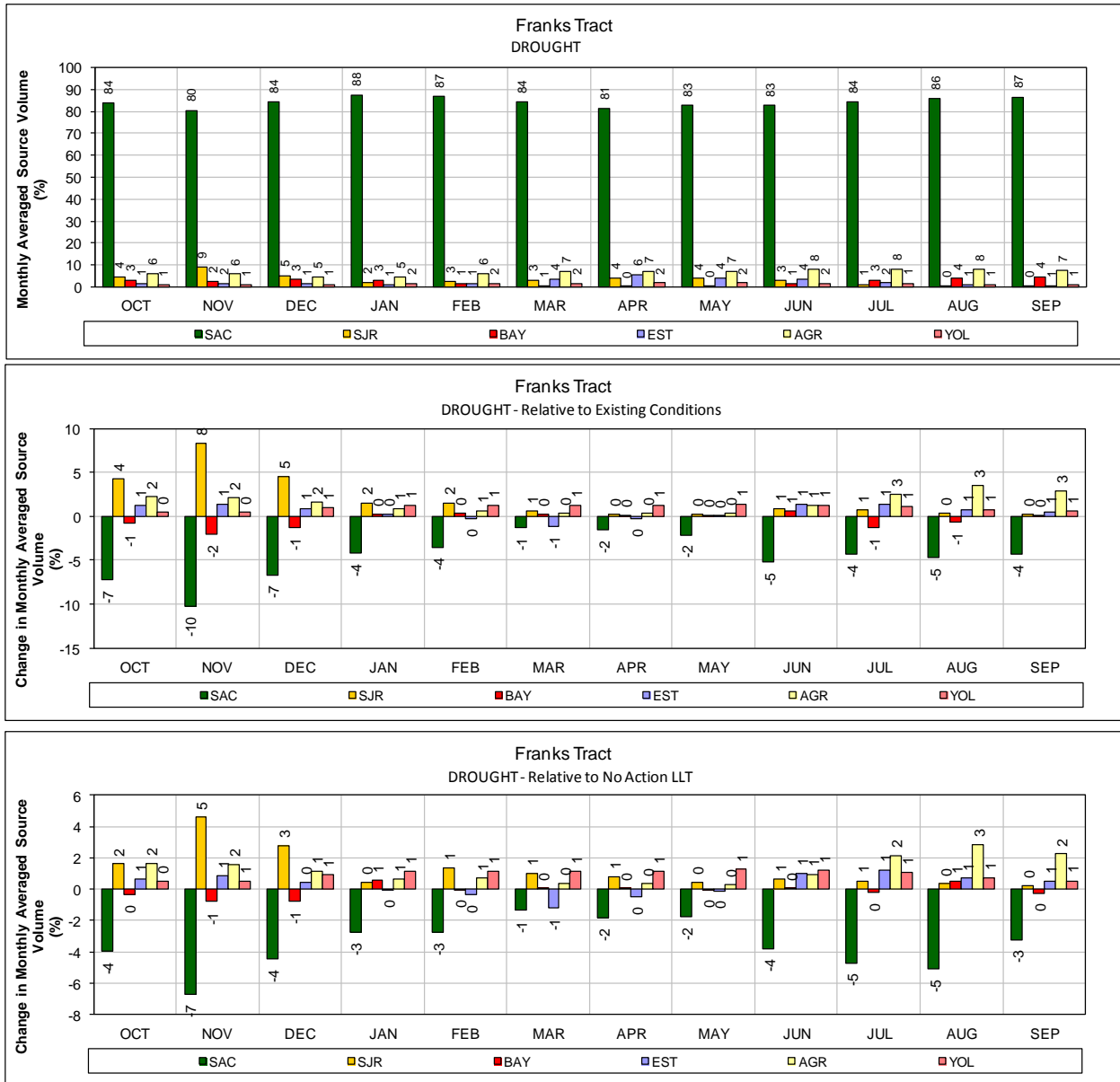
1 **Figure 179. ALT 5 – San Joaquin River at Buckley Cove for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



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).**



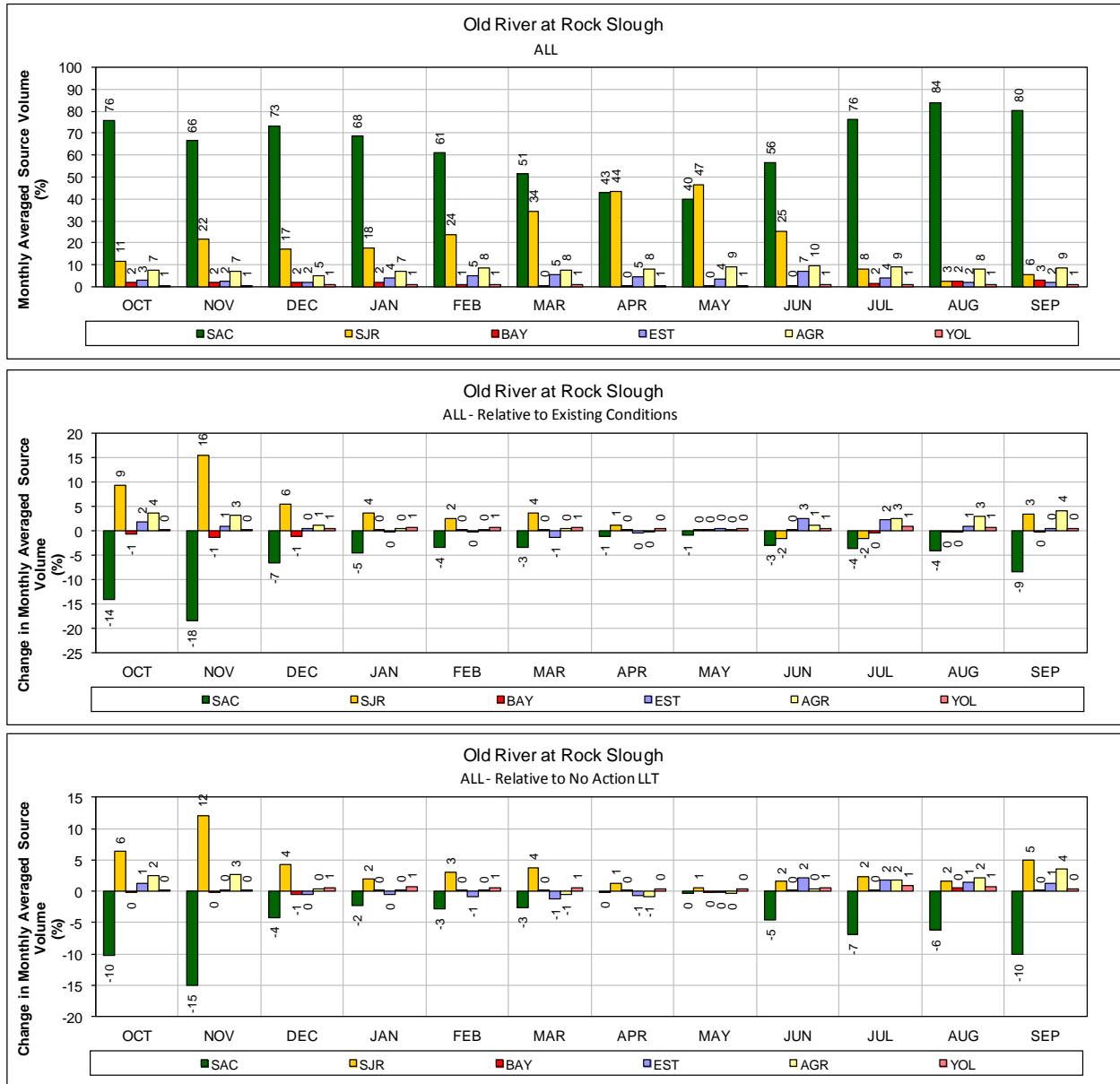
1 **Figure 181. ALT 5 – Franks Tract for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



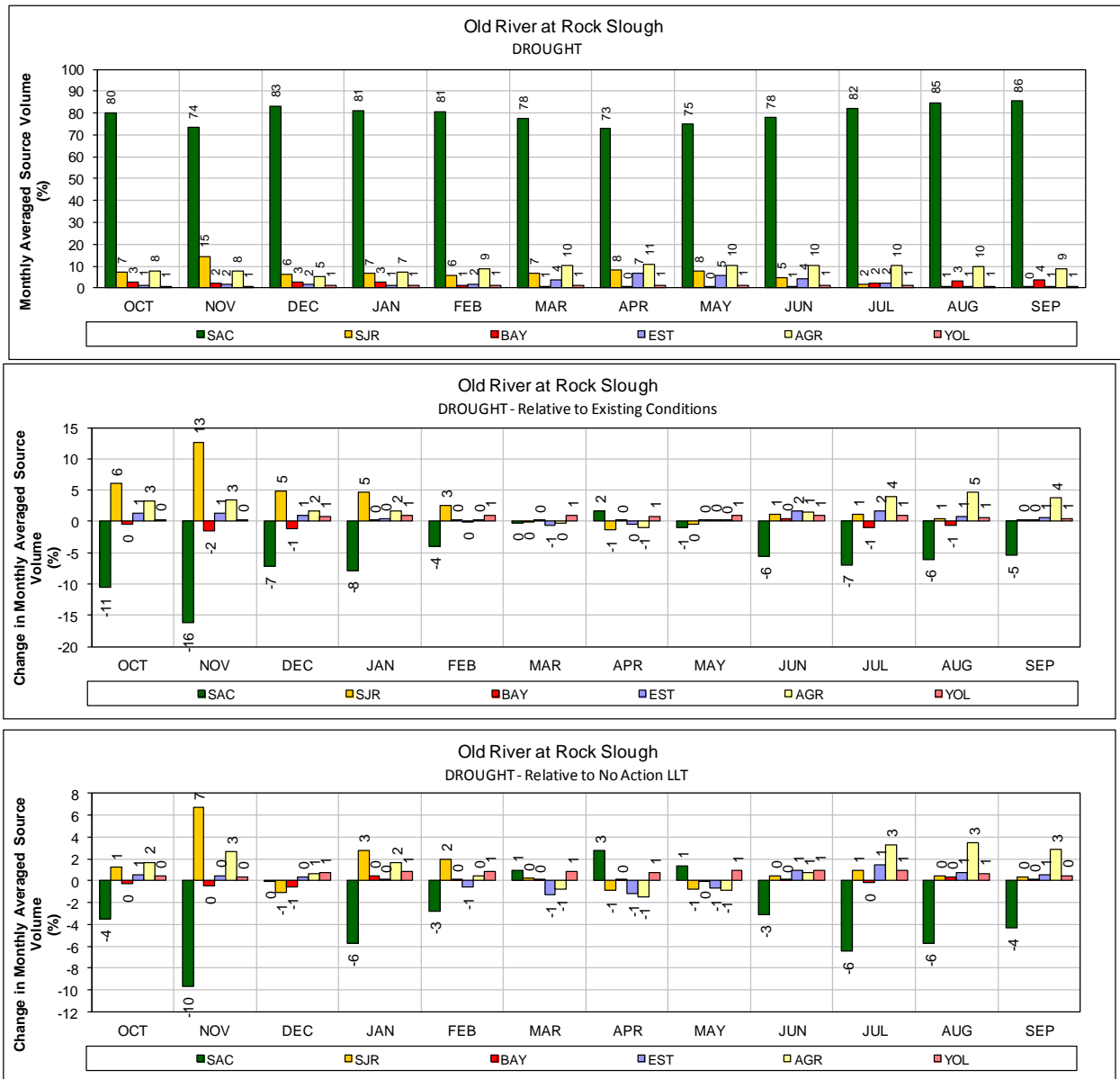
1 **Figure 182. ALT 5 – Franks Tract for DROUGHT years (1987-1991)**

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).**



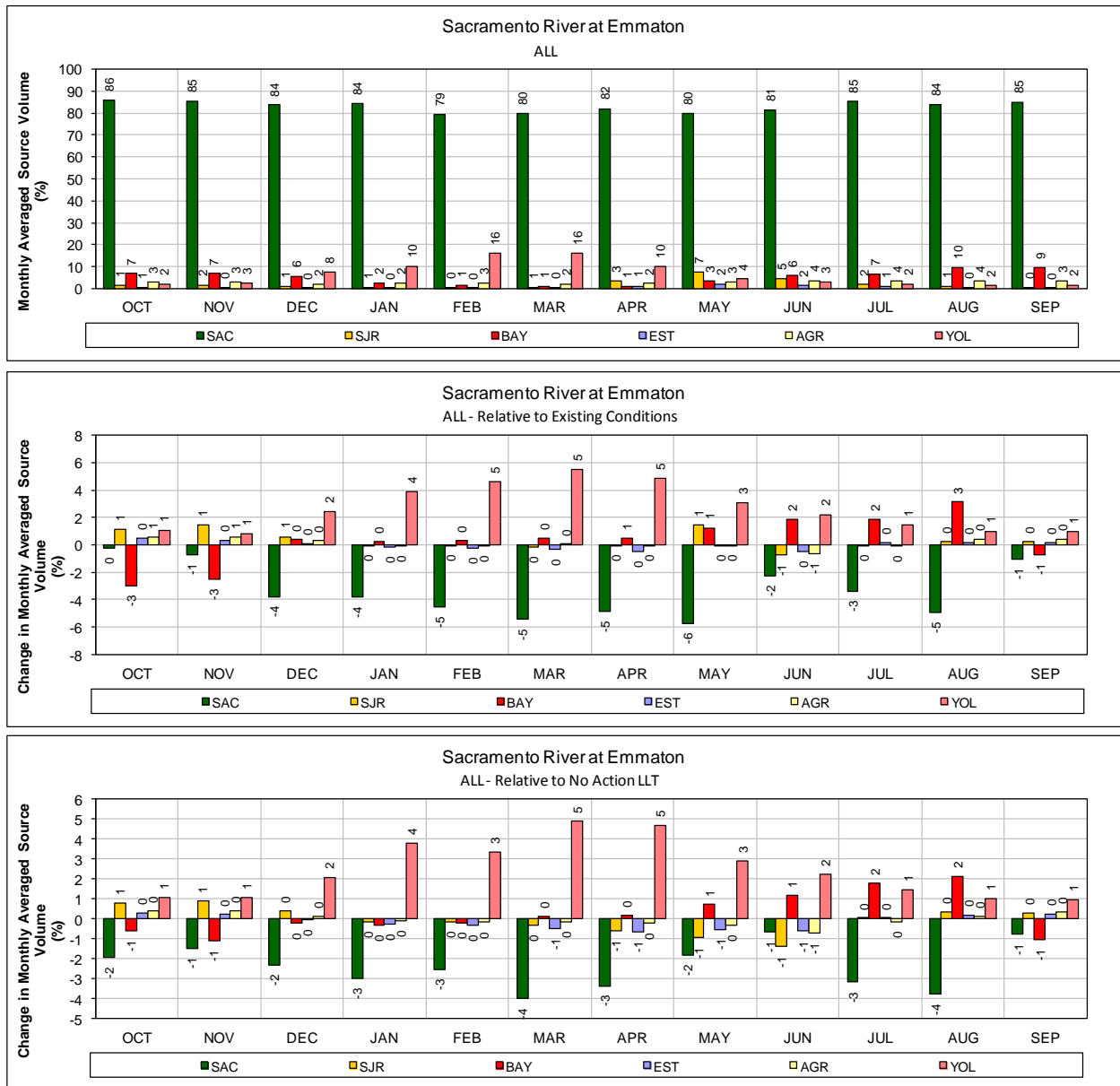
1 **Figure 183. ALT 5 – Old River at Rock Slough for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



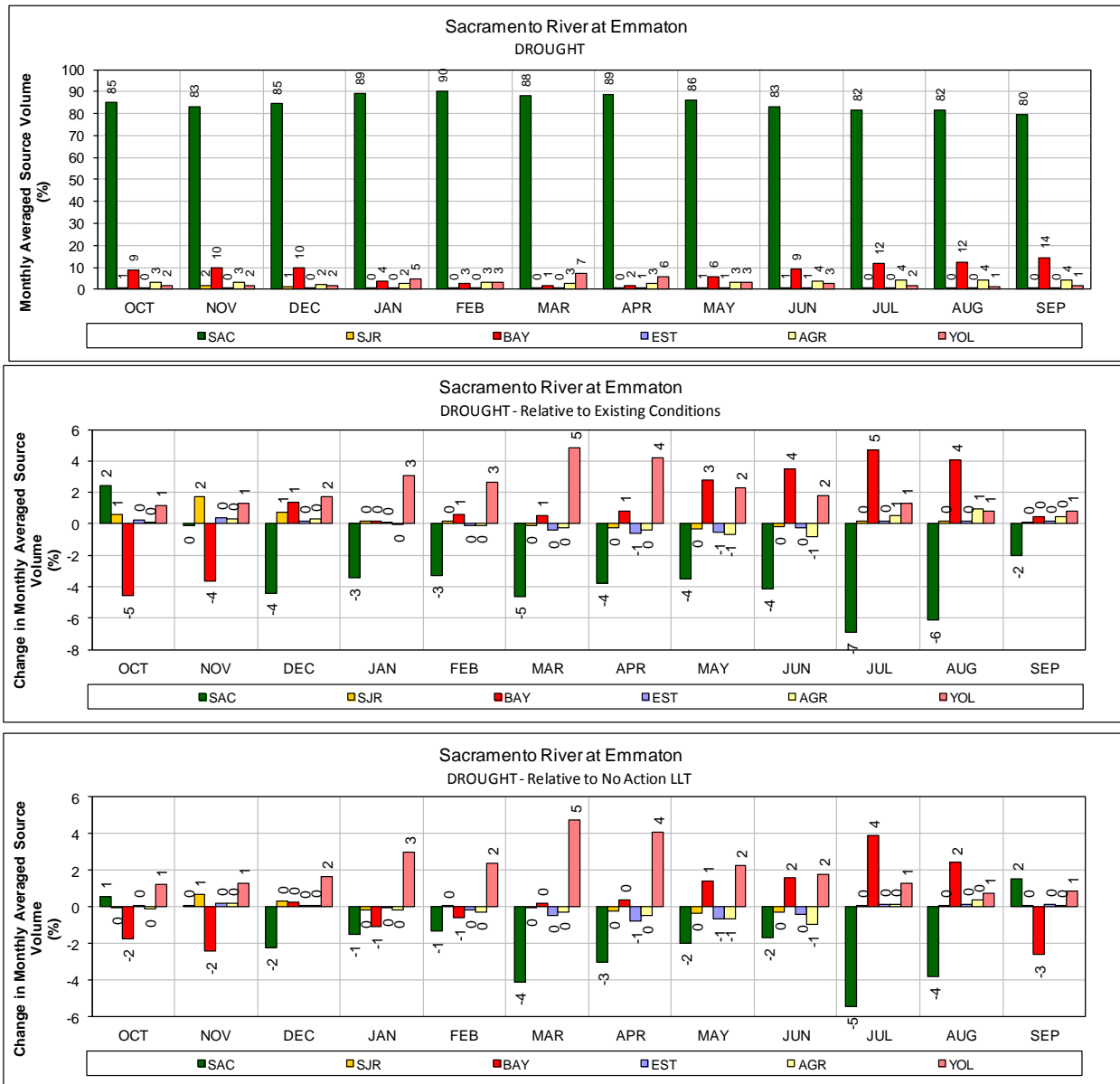
1 **Figure 184. ALT 5 – Old River at Rock Slough for DROUGHT years (1987-1991)**

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

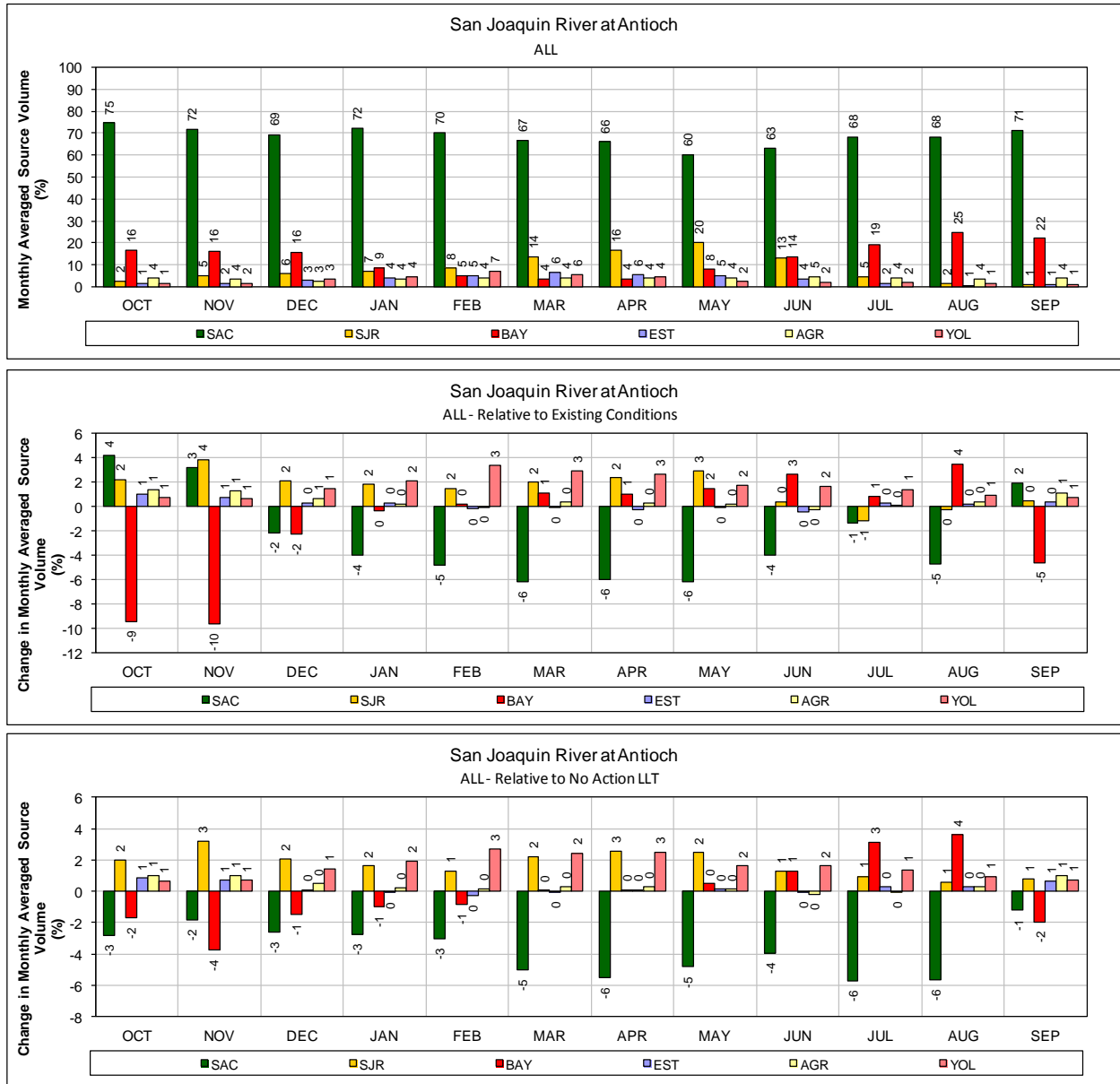
3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



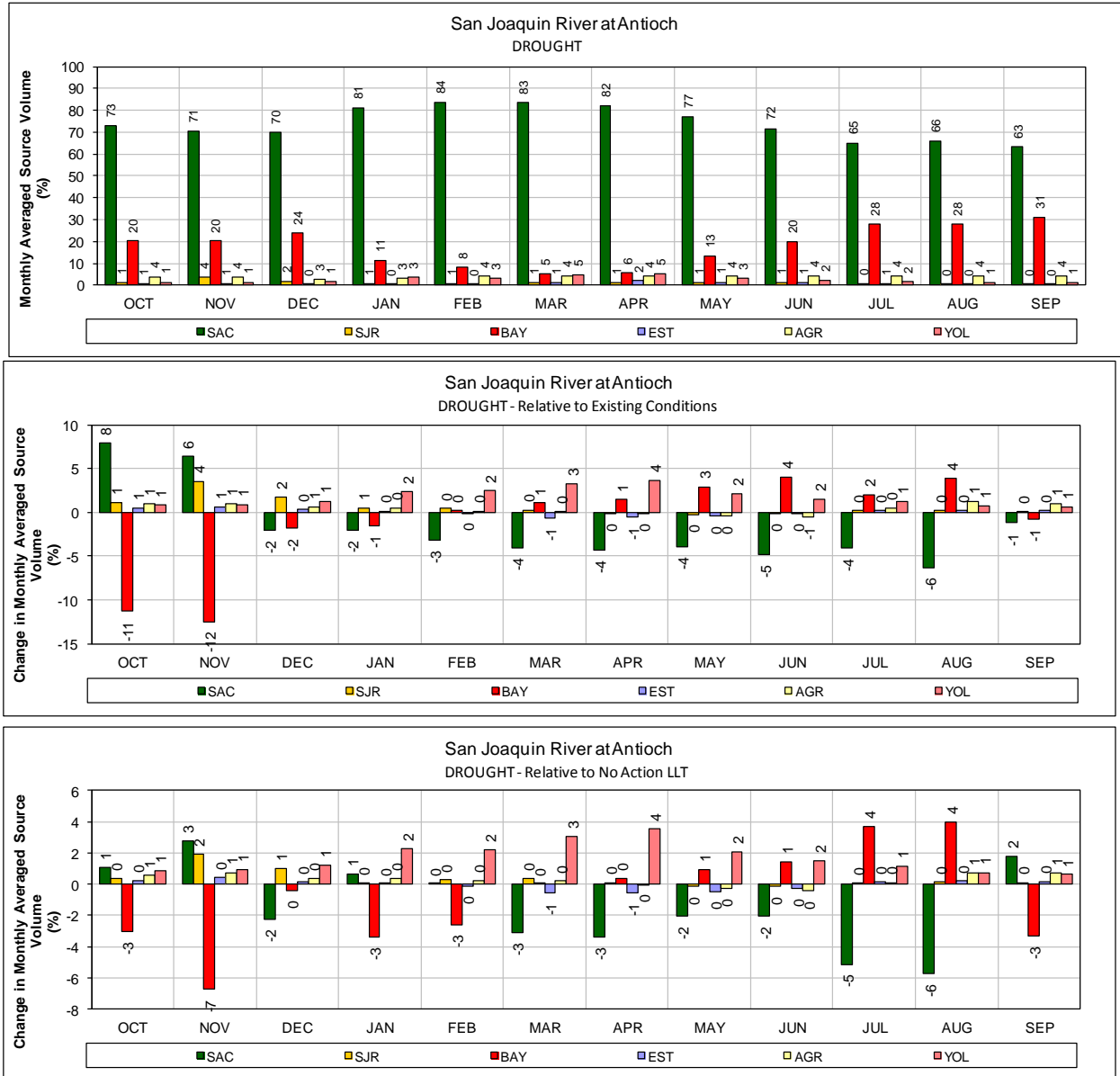
1 **Figure 185. ALT 5 – Sacramento River at Emmaton for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



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).**



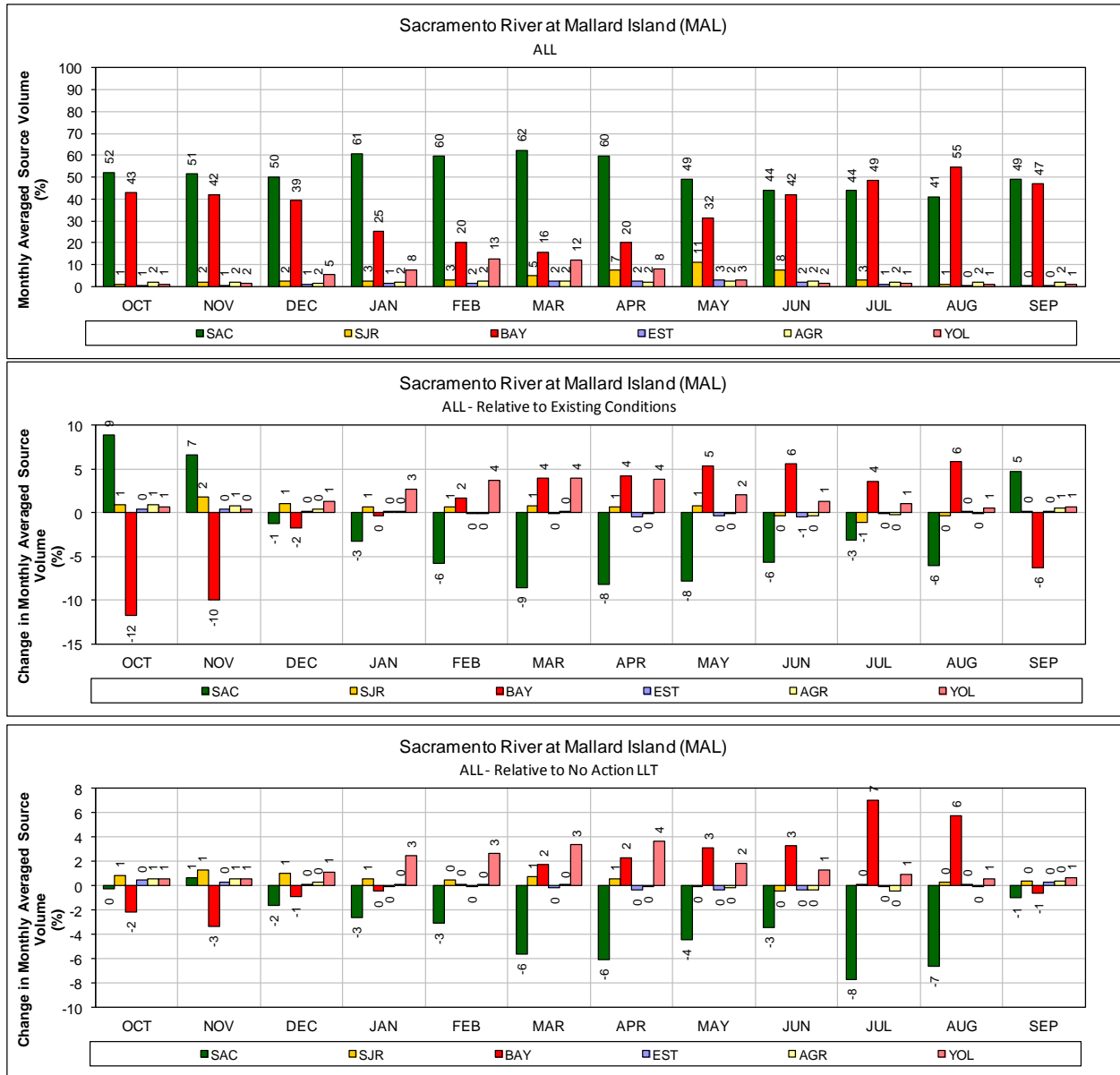
1 **Figure 187. ALT 5 – San Joaquin River at Antioch for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



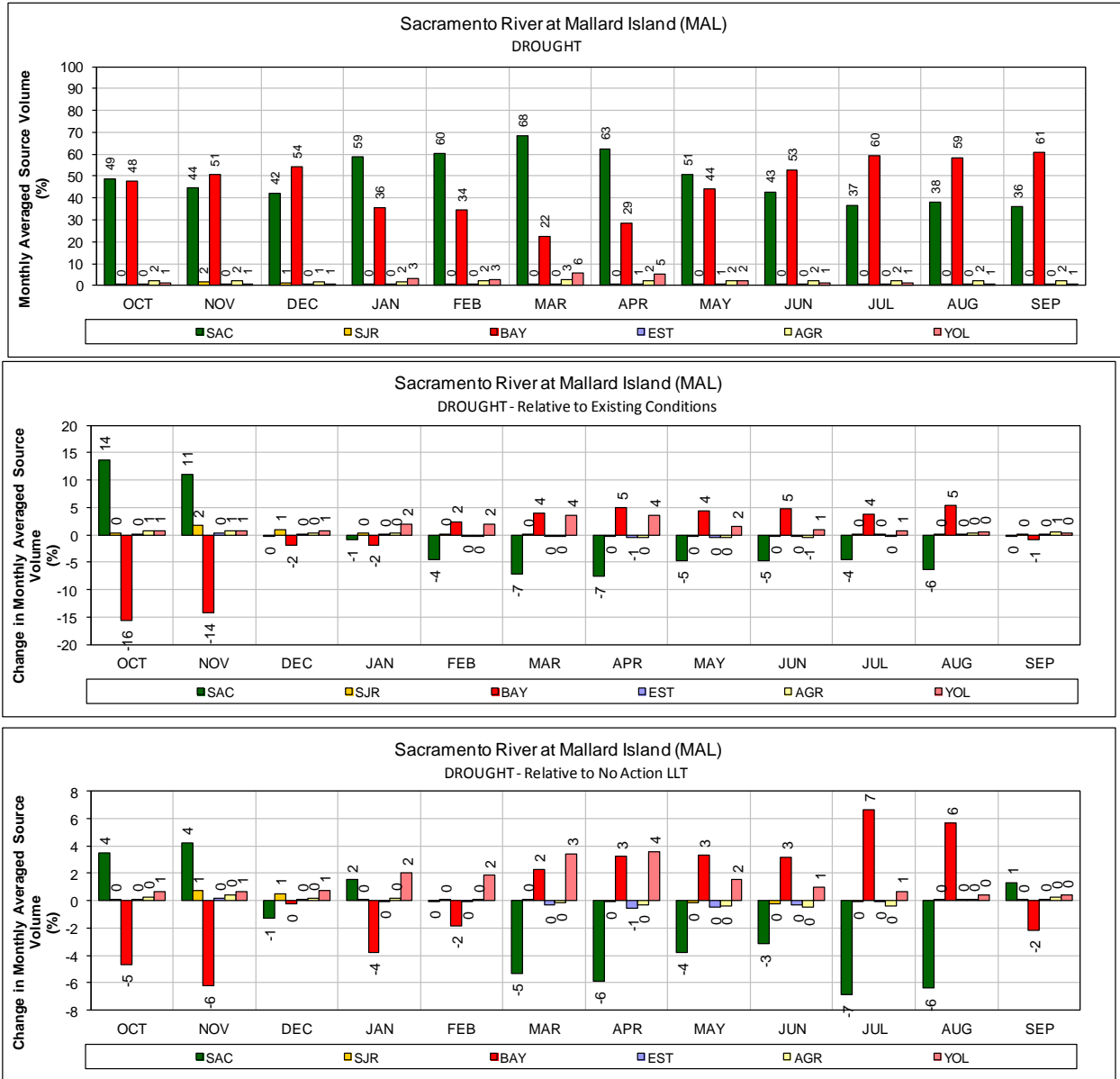
1 **Figure 188. ALT 5 – San Joaquin River at Antioch for DROUGHT years (1987-1991)**

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

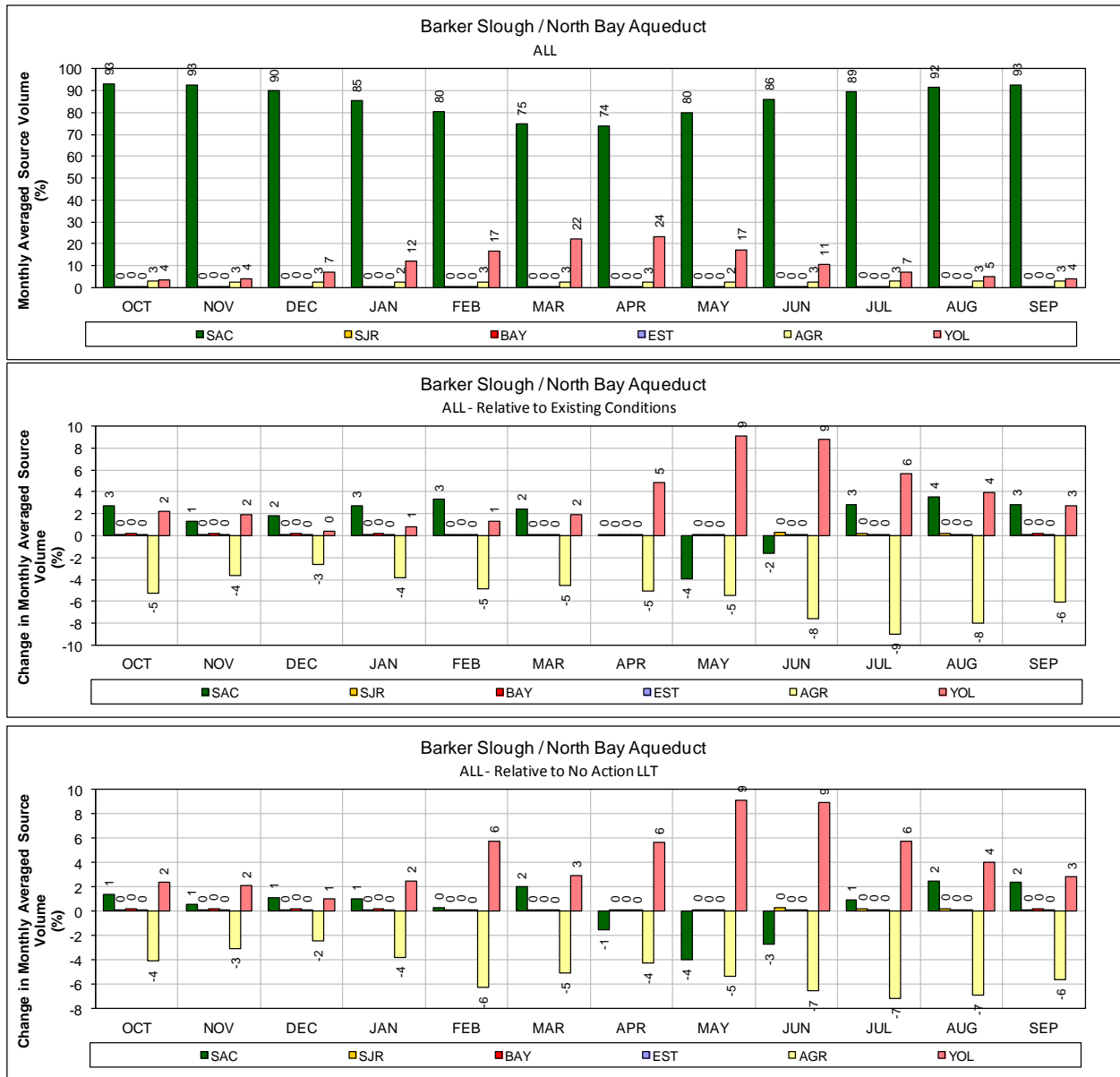
3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



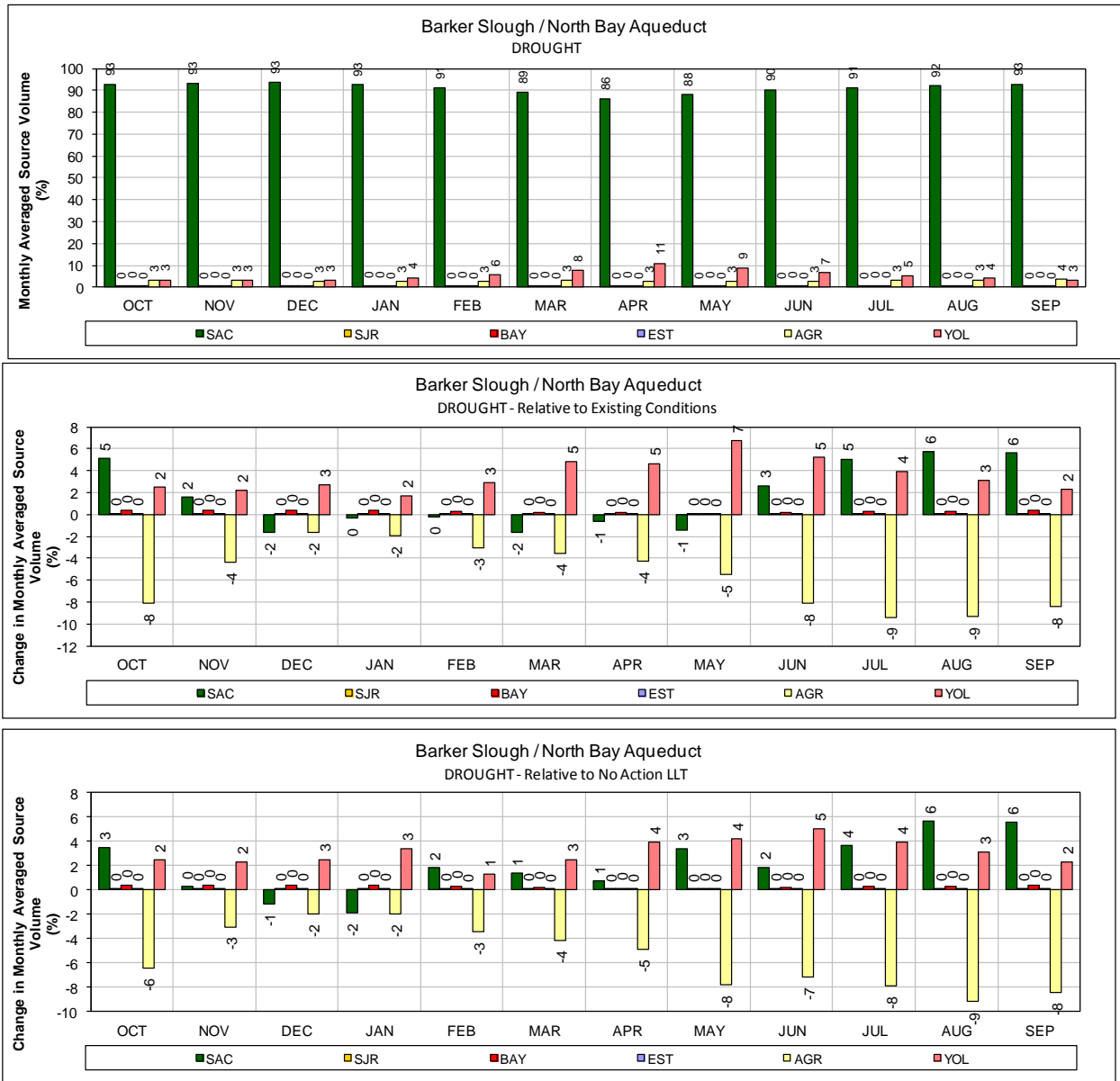
1 **Figure 189. ALT 5 – Sacramento River at Mallard Island for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



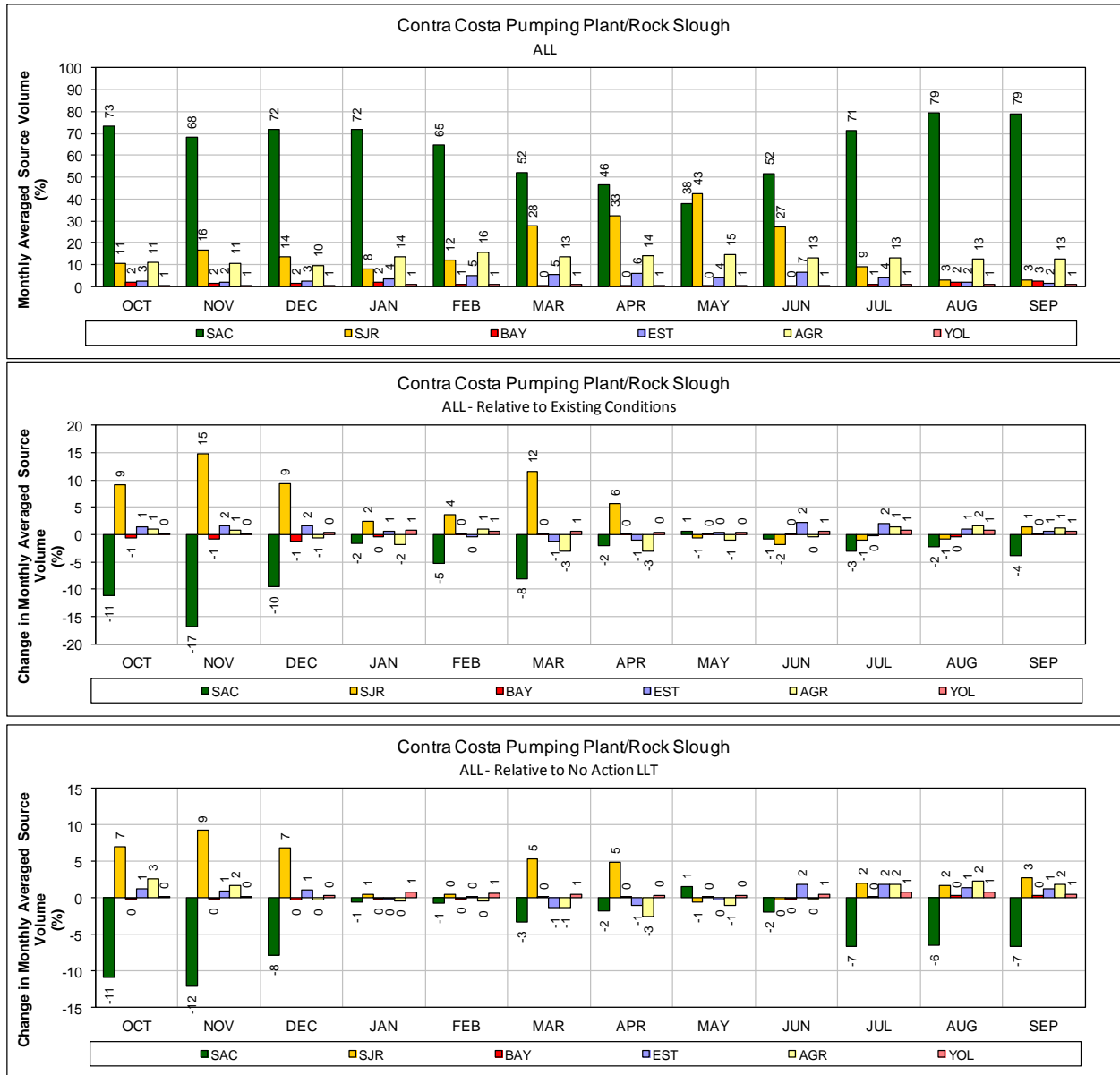
1 **Figure 190. ALT 5 – Sacramento River at Mallard Island for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



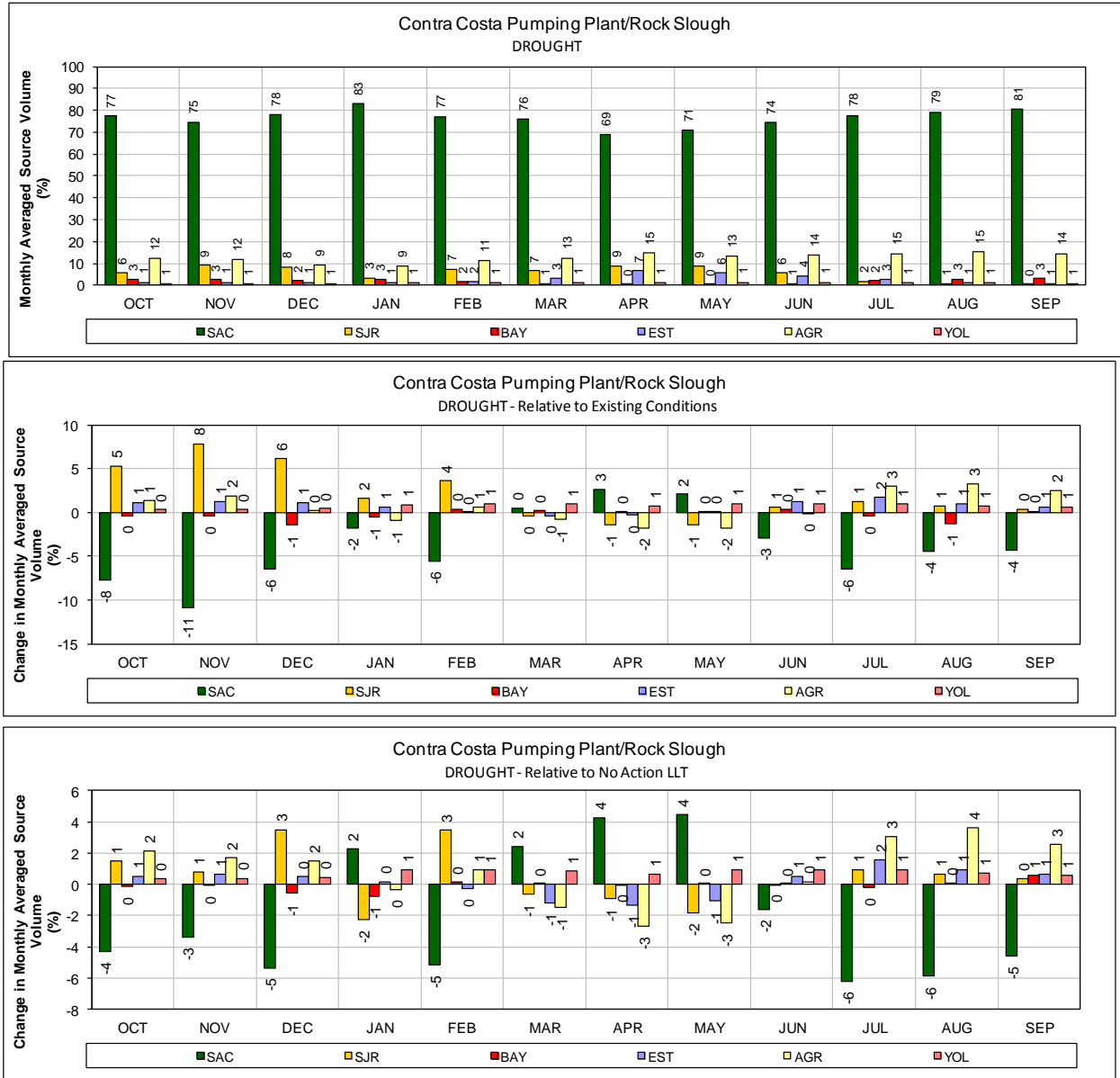
1 **Figure 191. ALT 5 – North Bay Aqueduct at Barker Slough Pumping Plant for ALL years**
 2 **(1976-1991)**
 3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



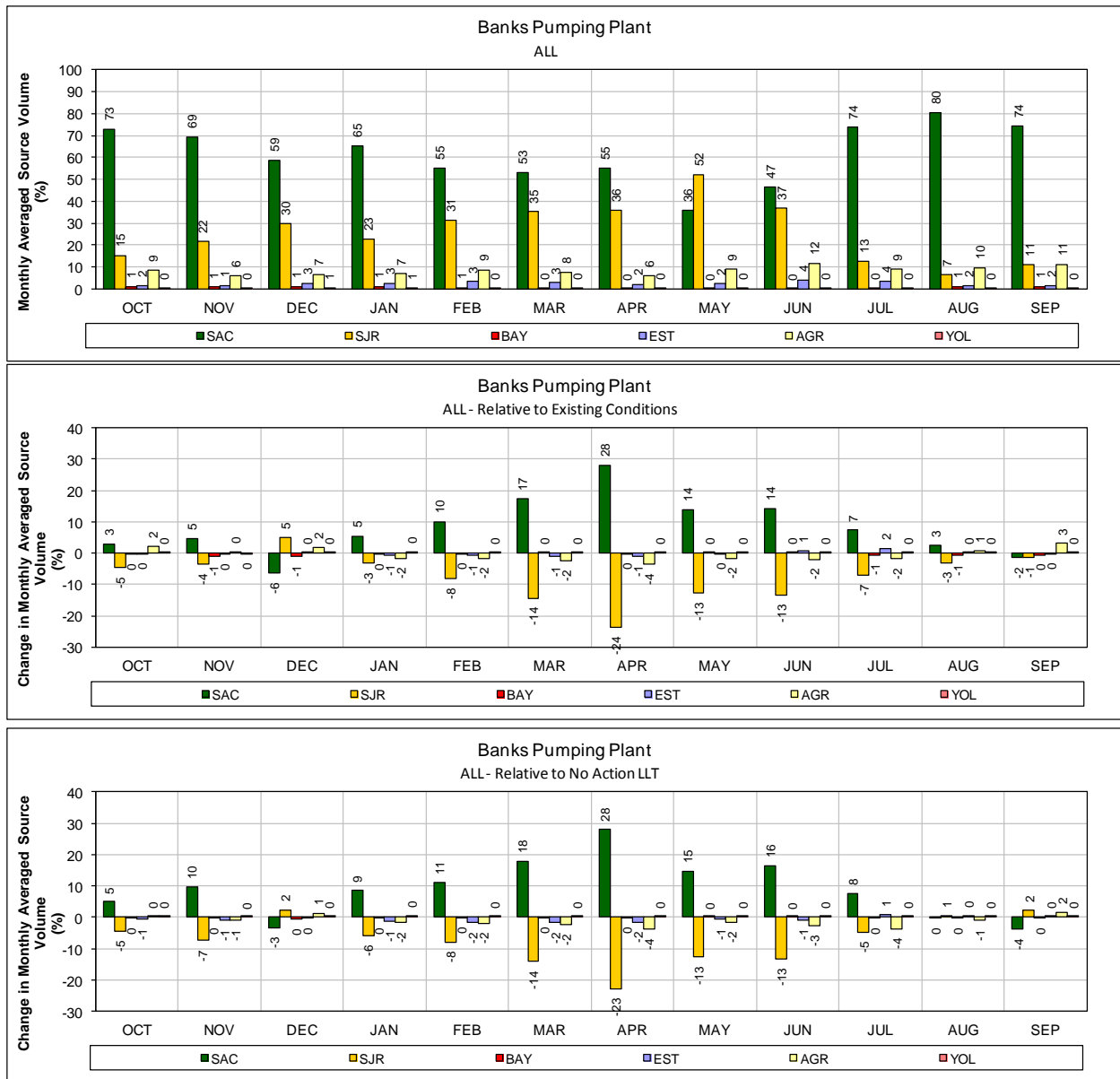
1 **Figure 192. ALT 5 – North Bay Aqueduct at Barker Slough Pumping Plant for DROUGHT**
 2 **years (1987-1991)**
 3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



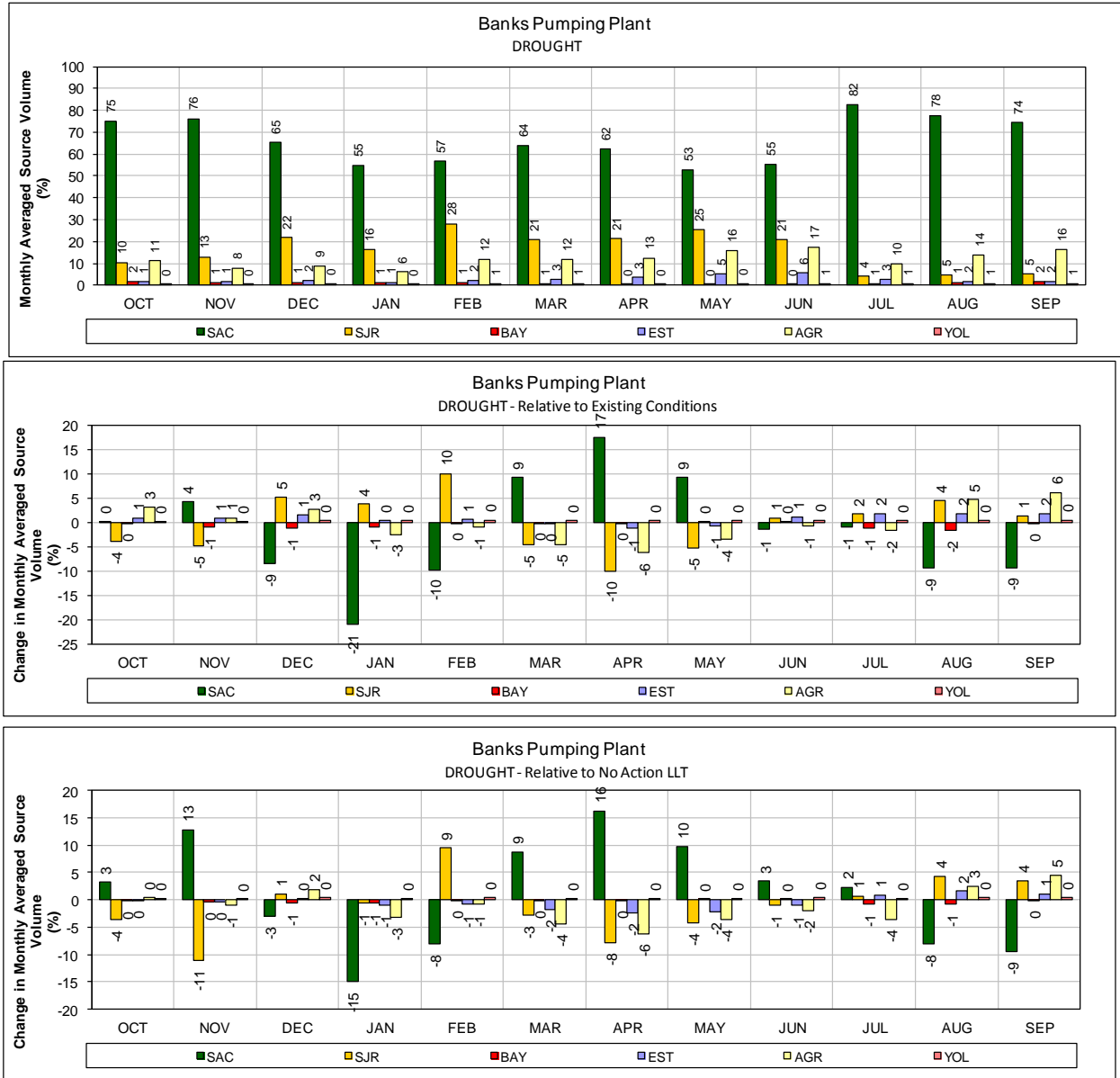
1 **Figure 193. ALT 5 – Contra Costa Pumping Plant #1 for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



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).**



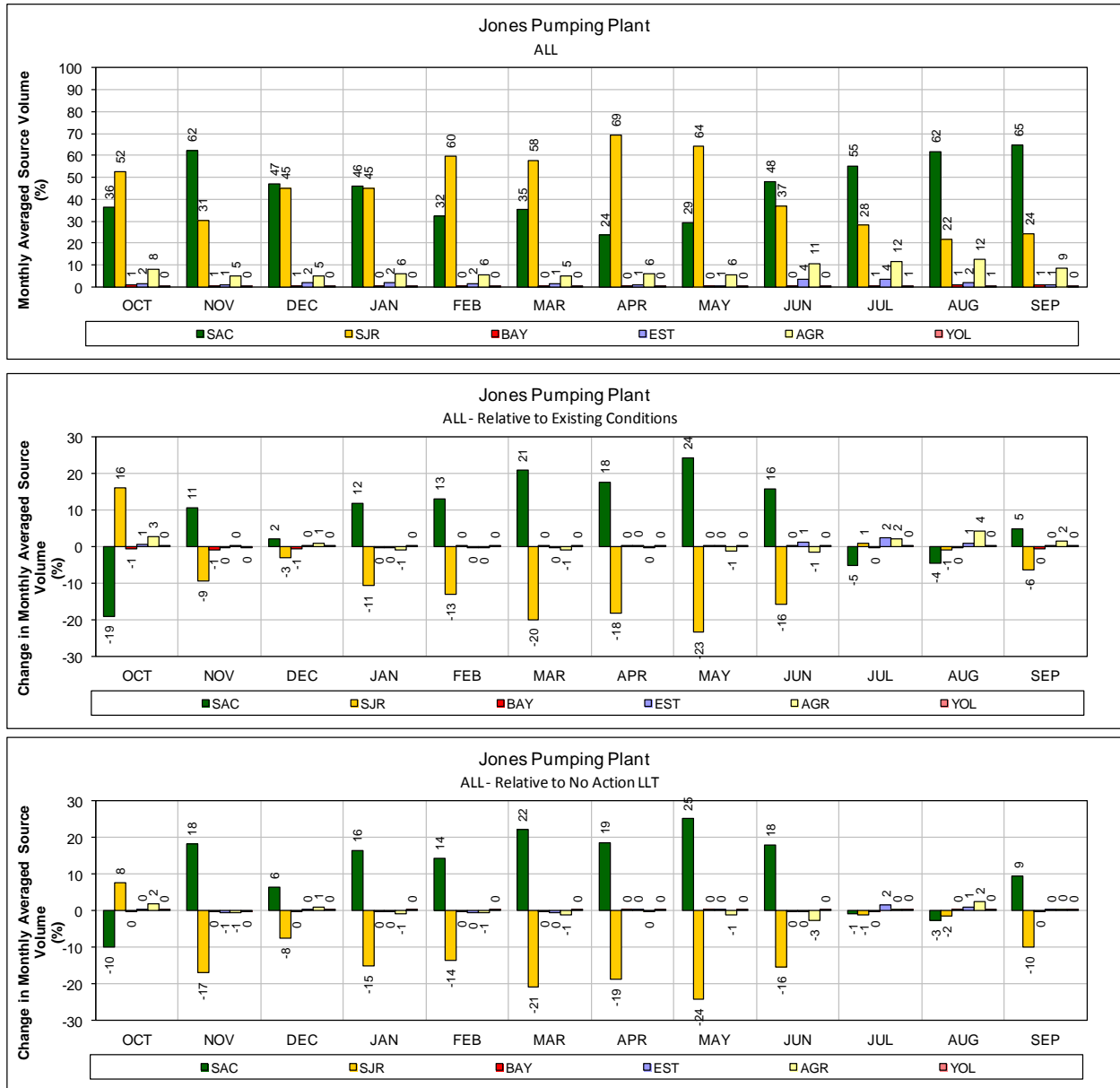
1 **Figure 195. ALT 5 – Banks Pumping Plant for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



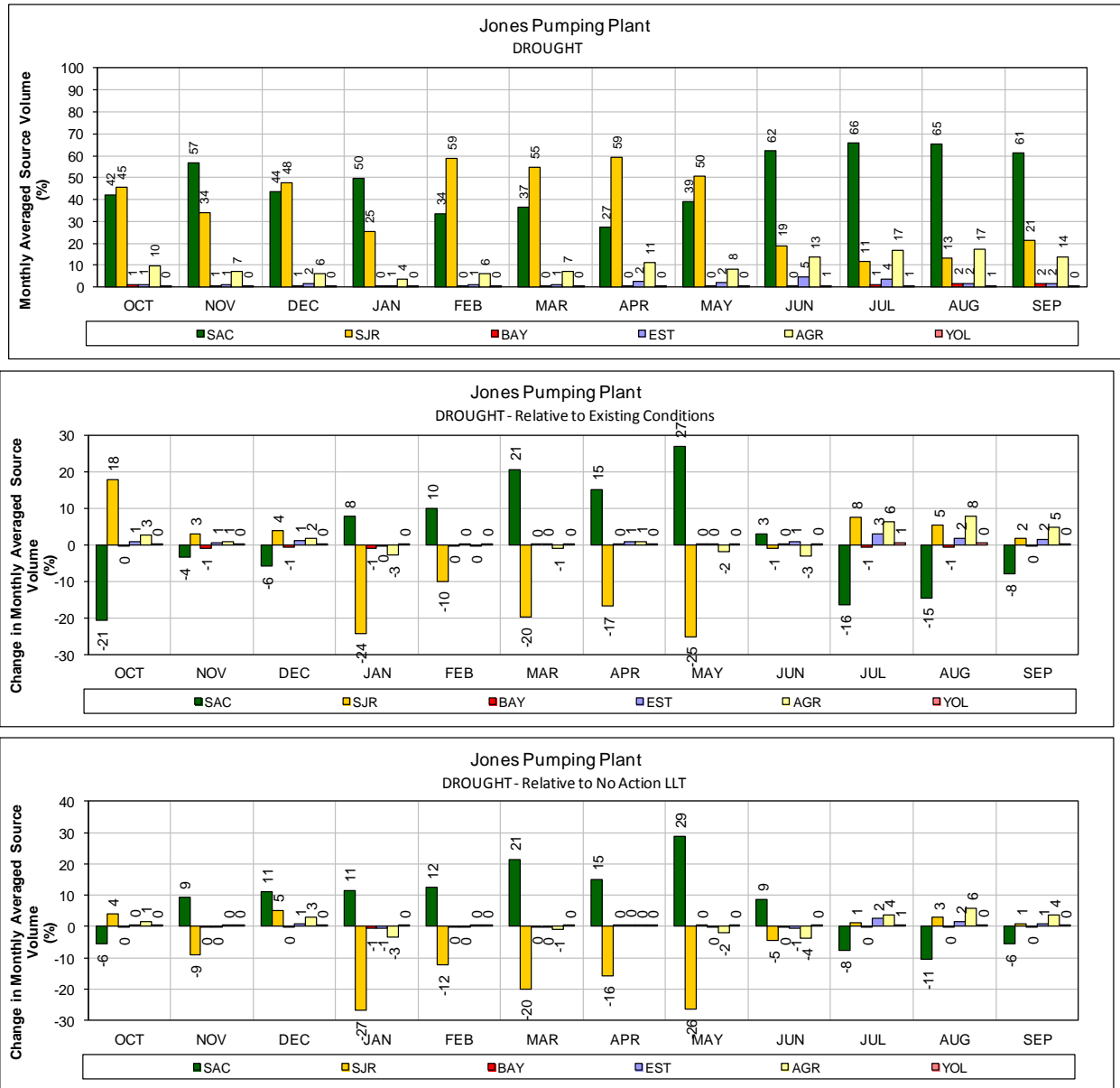
1 **Figure 196. ALT 5 – Banks Pumping Plant for DROUGHT years (1987-1991)**

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).**

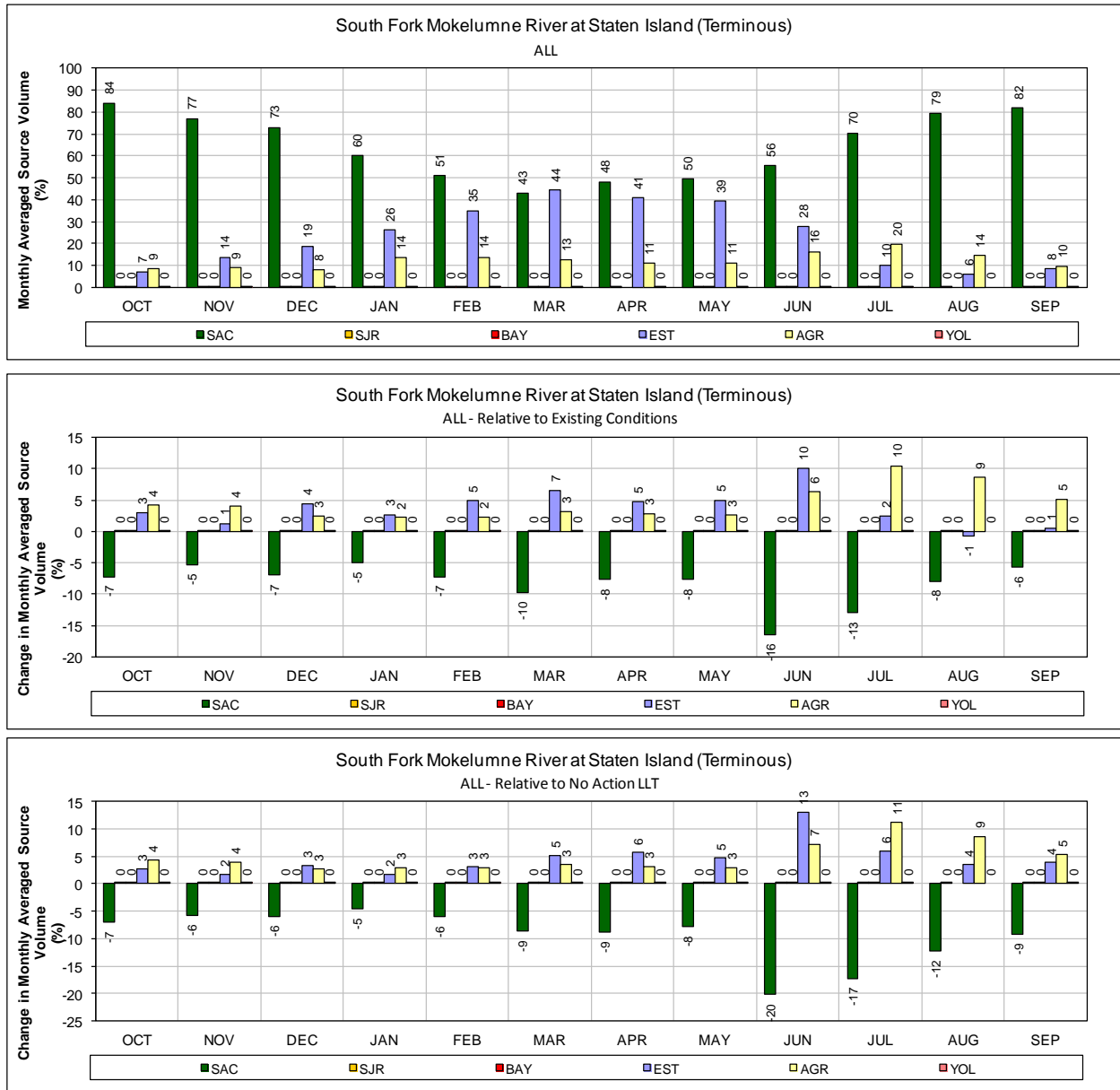
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Alternative 6 LLT

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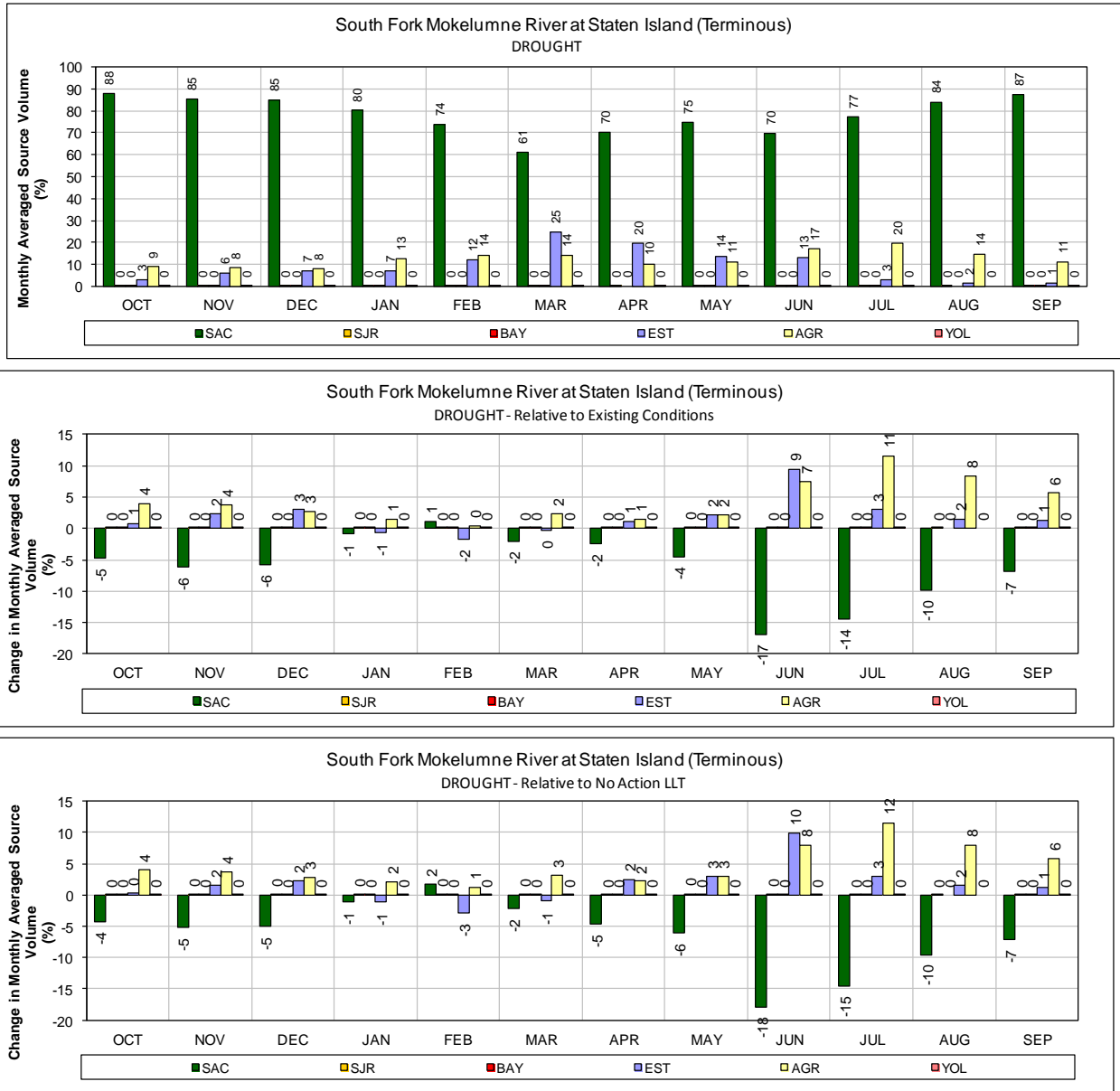
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2

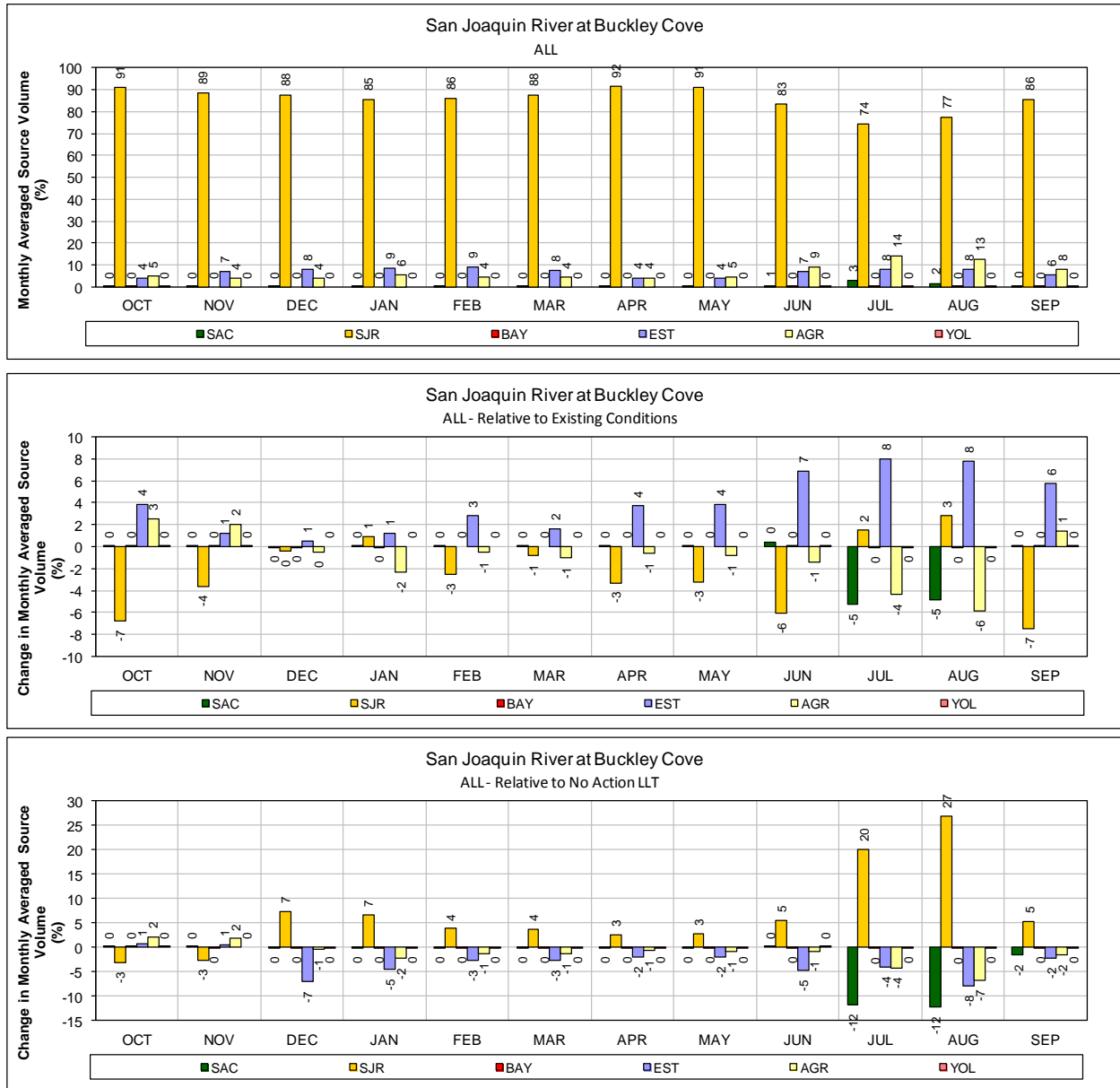


1 **Figure 199. ALT 6 – Mokelumne River (South Fork) at Staten Island for ALL years (1976-**
 2 **1991)**

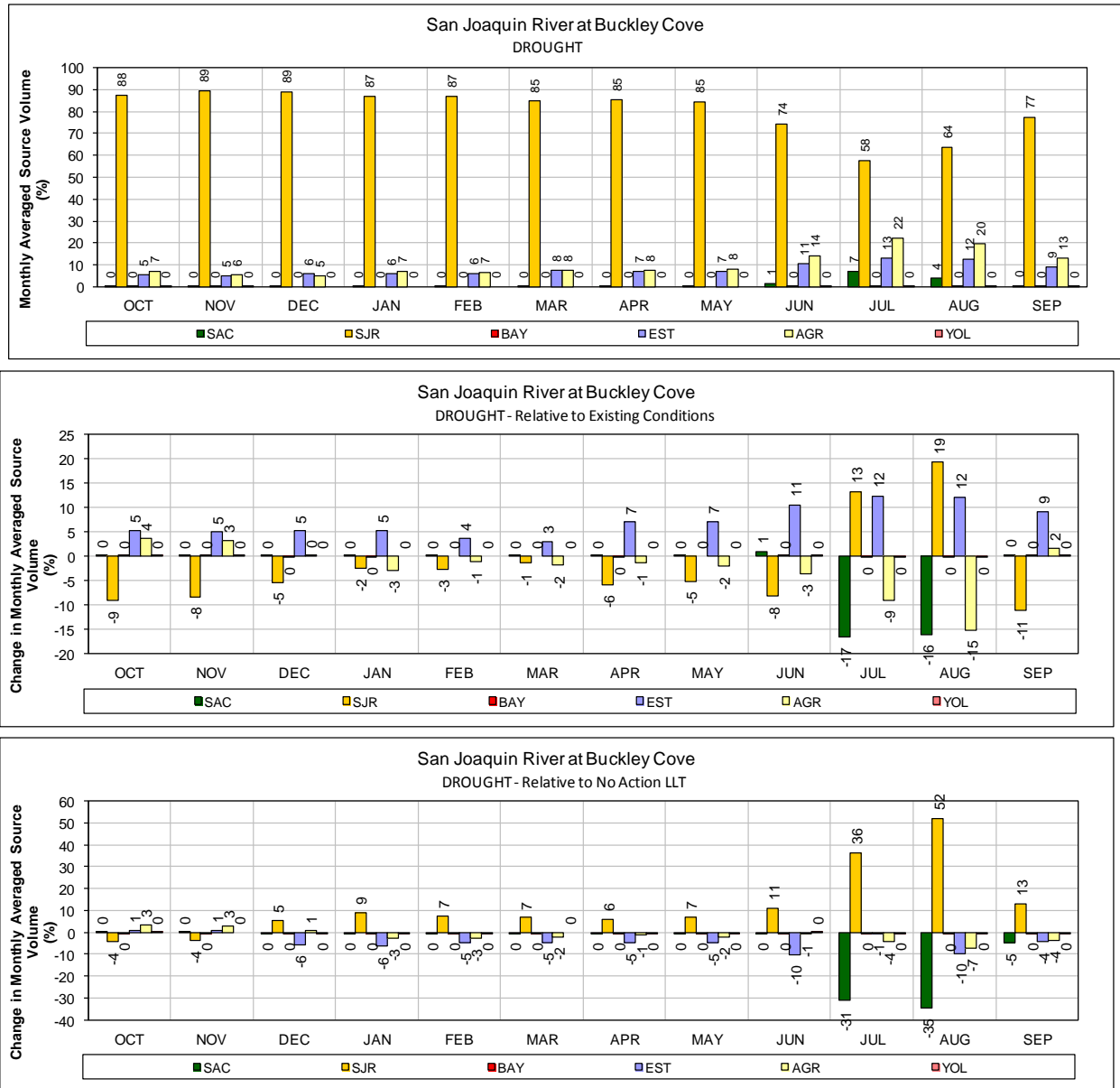
3 **Monthly average source volume (top figure) and change in monthly average source volume to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



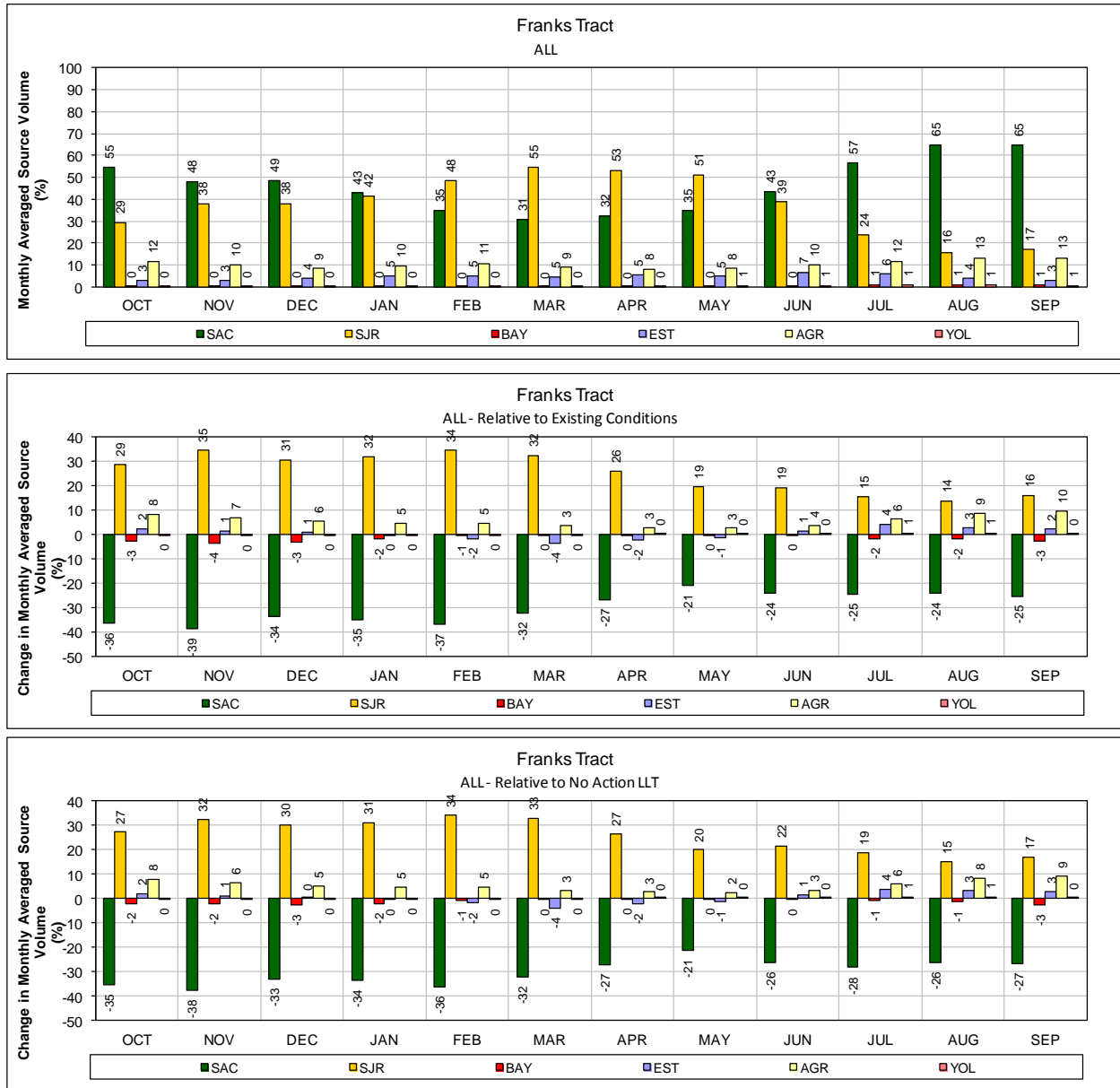
1 **Figure 200. ALT 6 – Mokelumne River (South Fork) at Staten Island for DROUGHT years**
 2 **(1987-1991)**
 3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



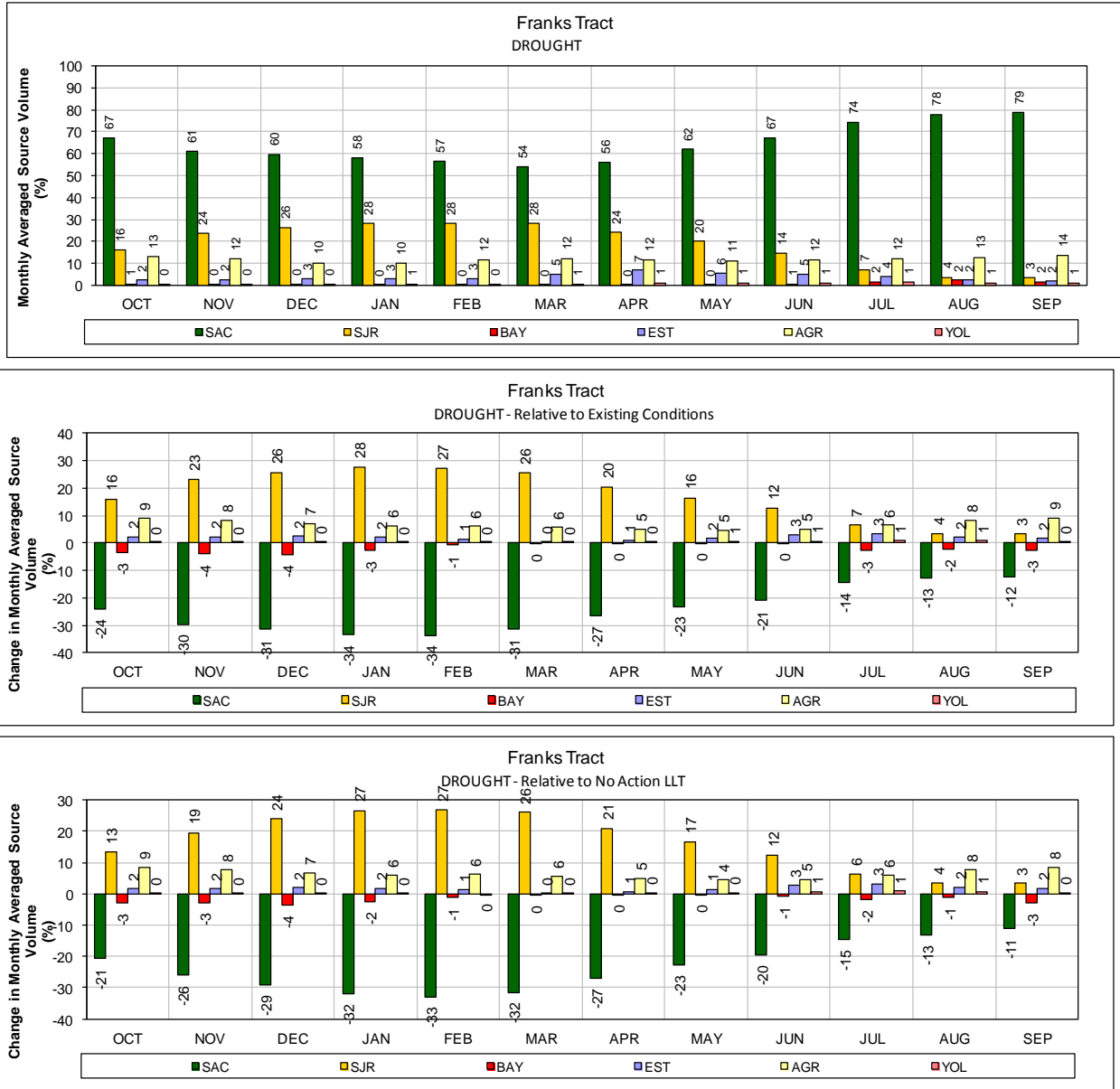
1 **Figure 201. ALT 6 – San Joaquin River at Buckley Cove for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



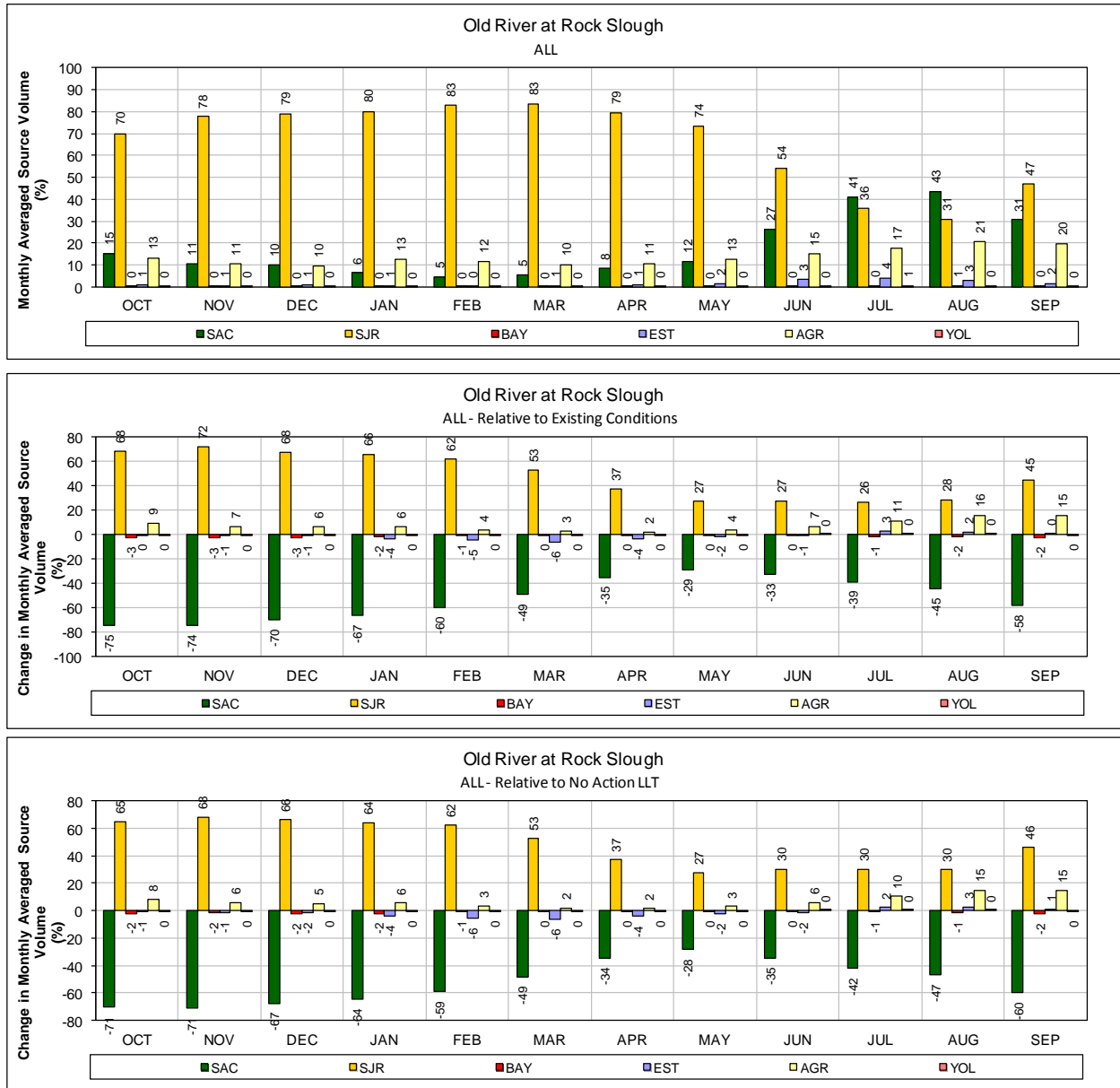
1 **Figure 202. ALT 6 – San Joaquin River at Buckley Cove for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



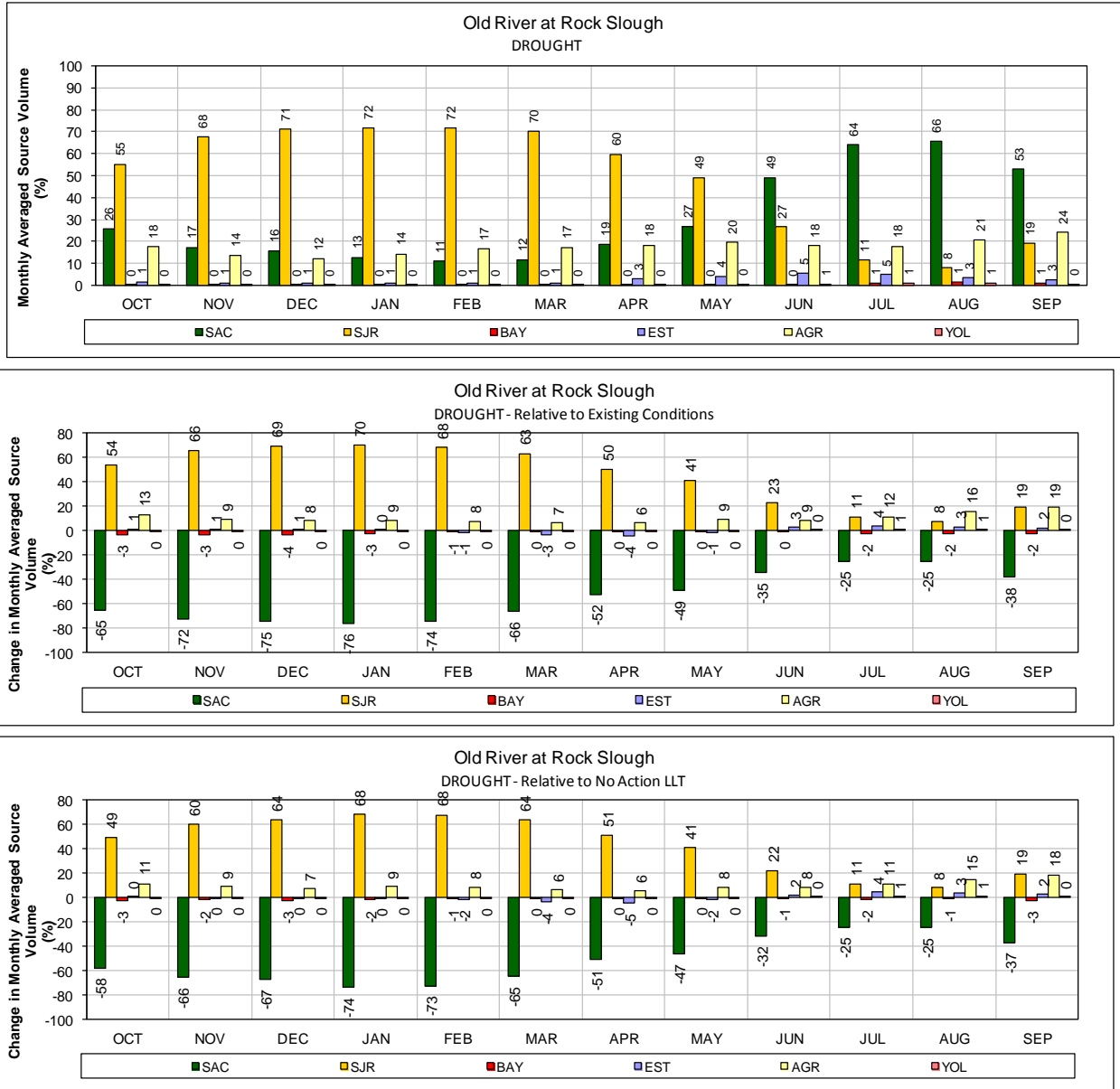
1 **Figure 203. ALT 6 – Franks Tract for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



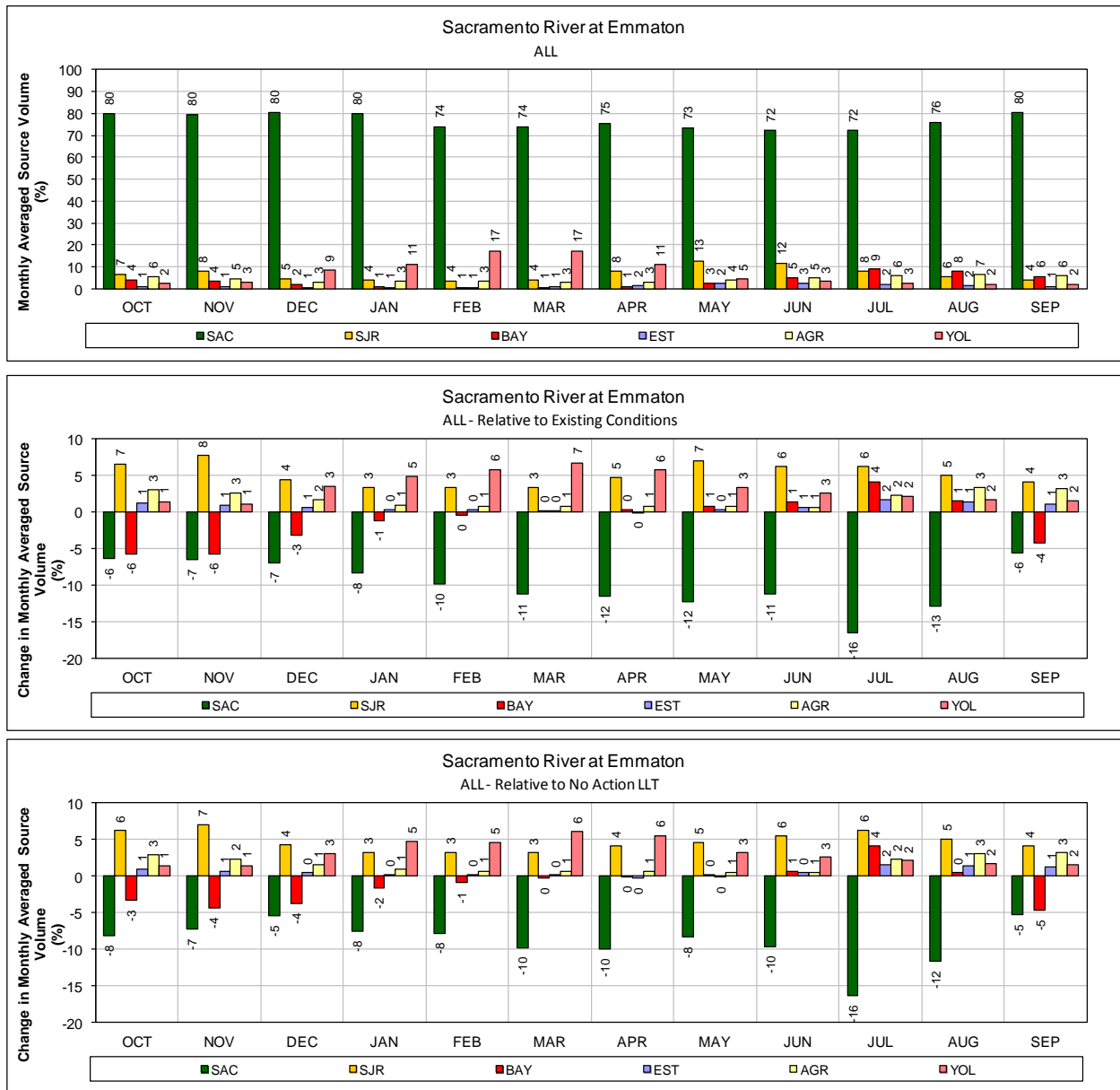
1 **Figure 204. ALT 6 – Franks Tract for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



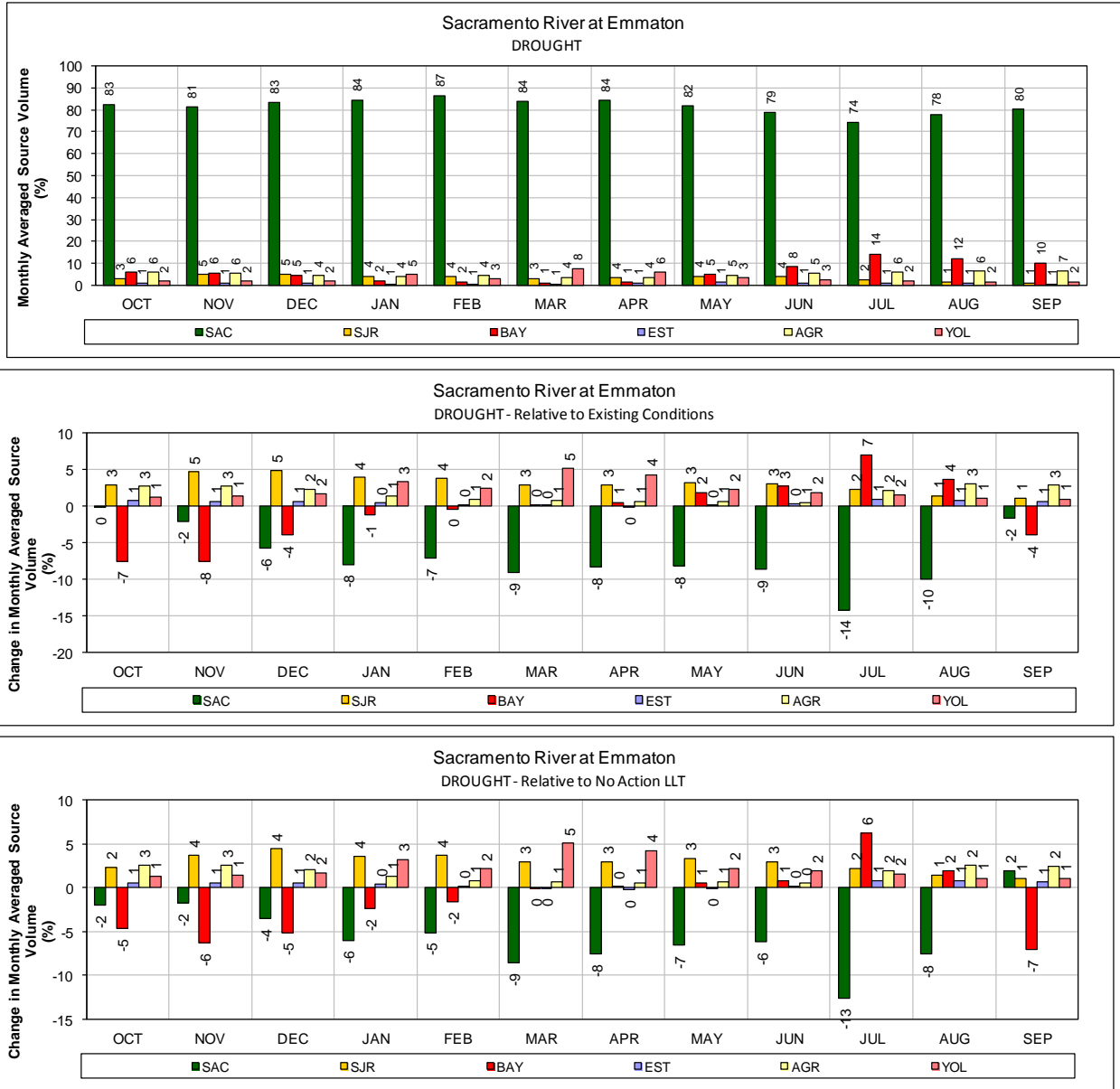
1 **Figure 205. ALT 6 – Old River at Rock Slough for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



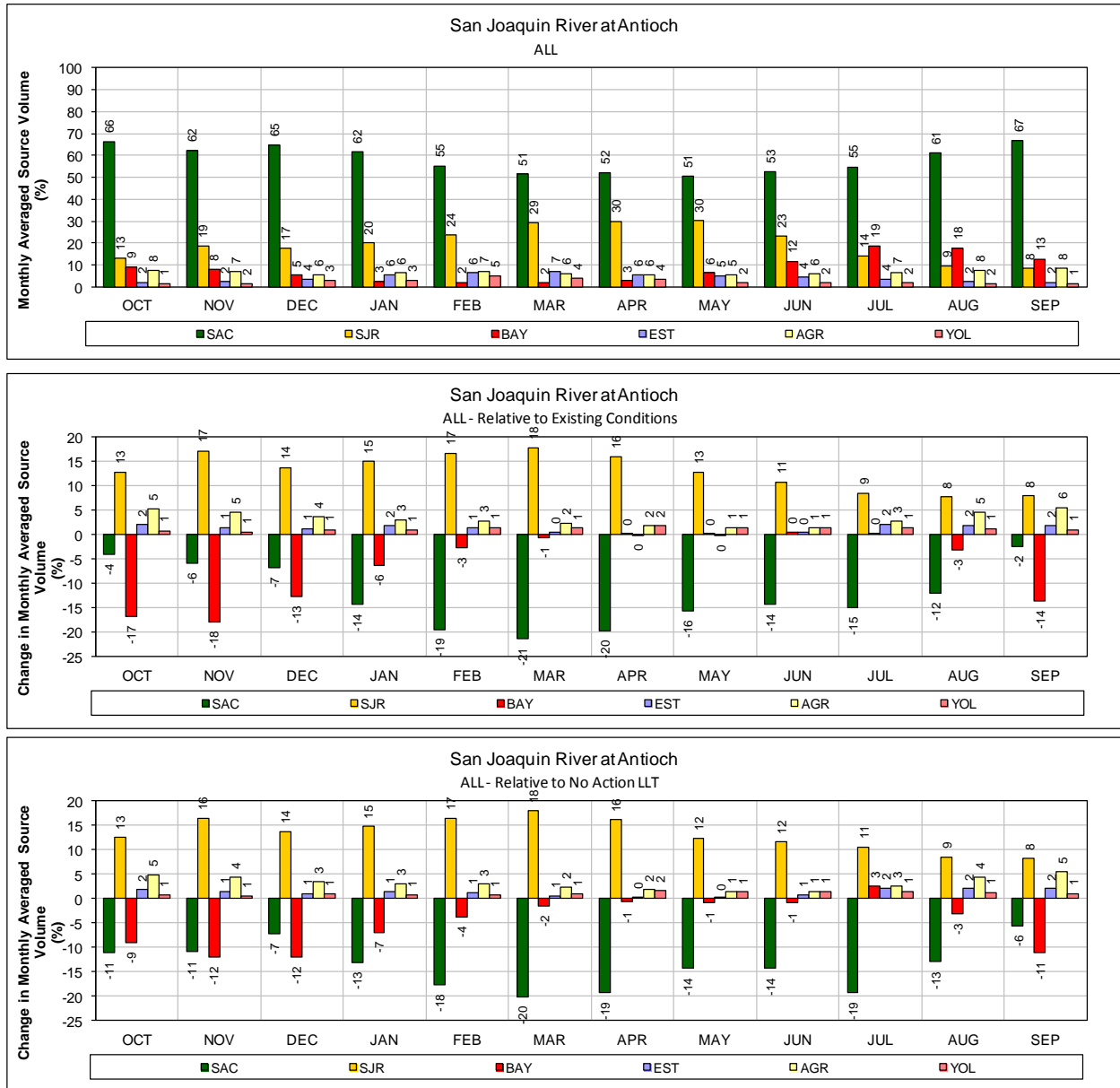
1 **Figure 206. ALT 6 – Old River at Rock Slough for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



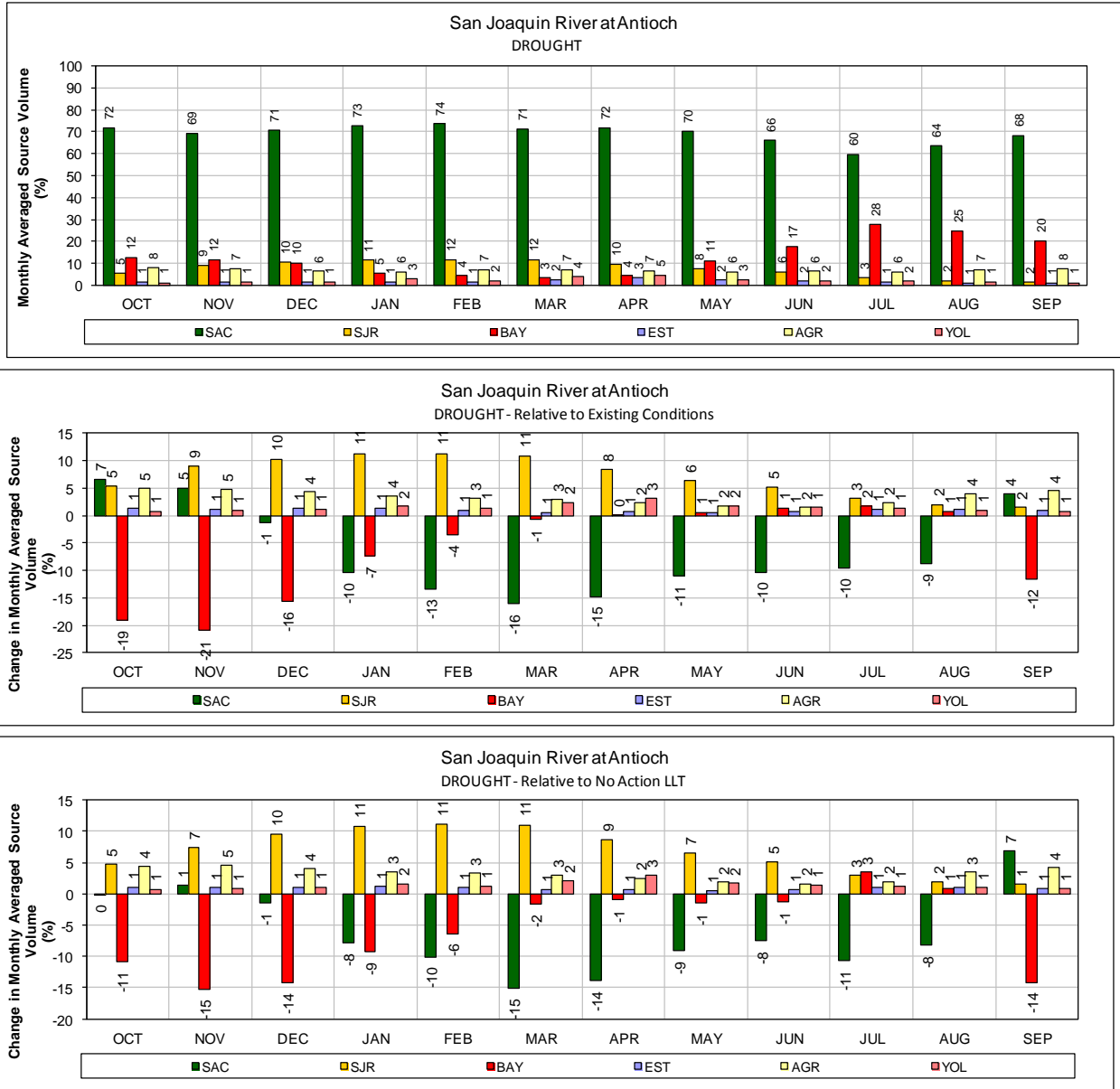
1 **Figure 207. ALT 6 – Sacramento River at Emmaton for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



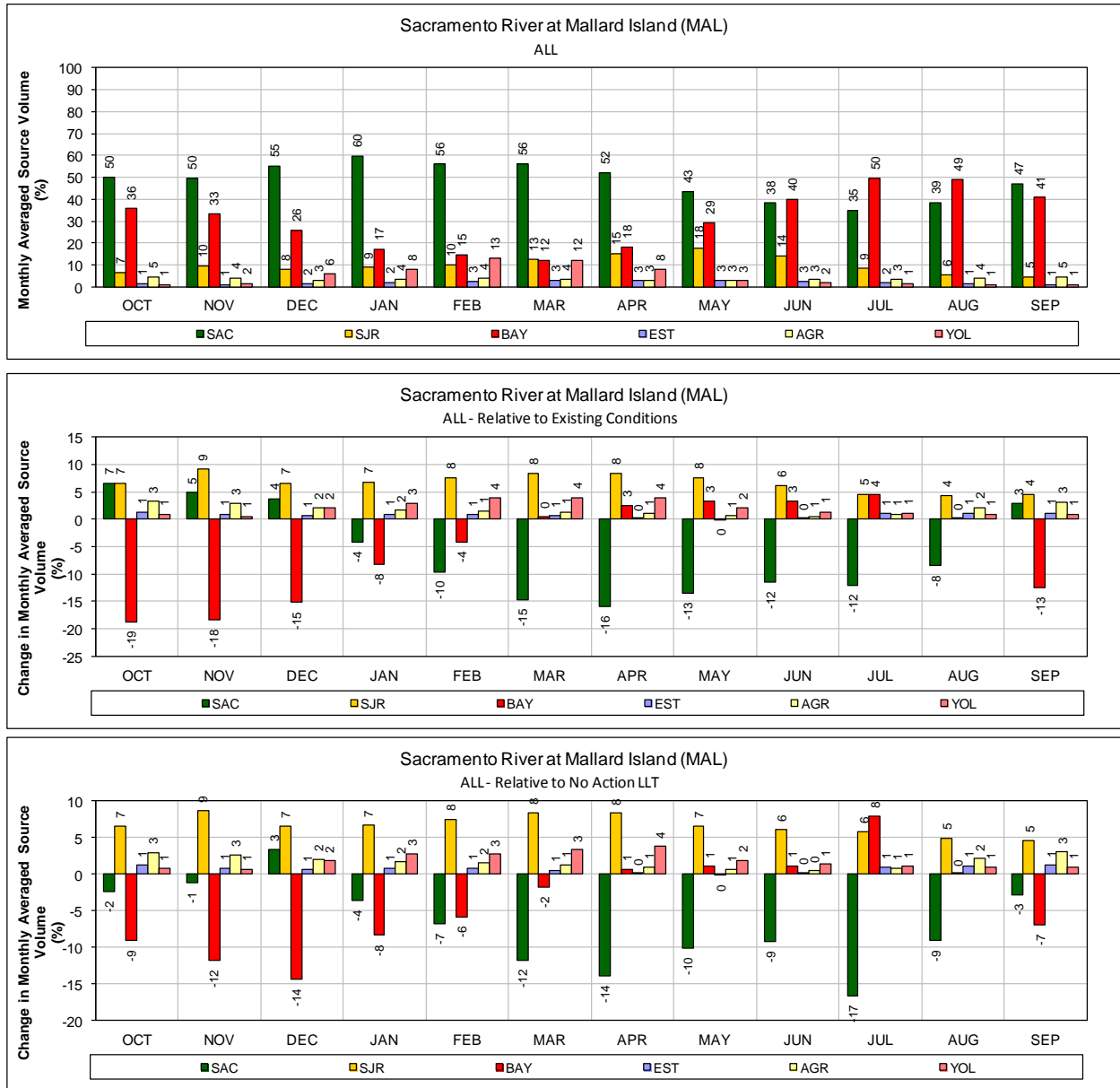
1 **Figure 208. ALT 6 – Sacramento River at Emmaton for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



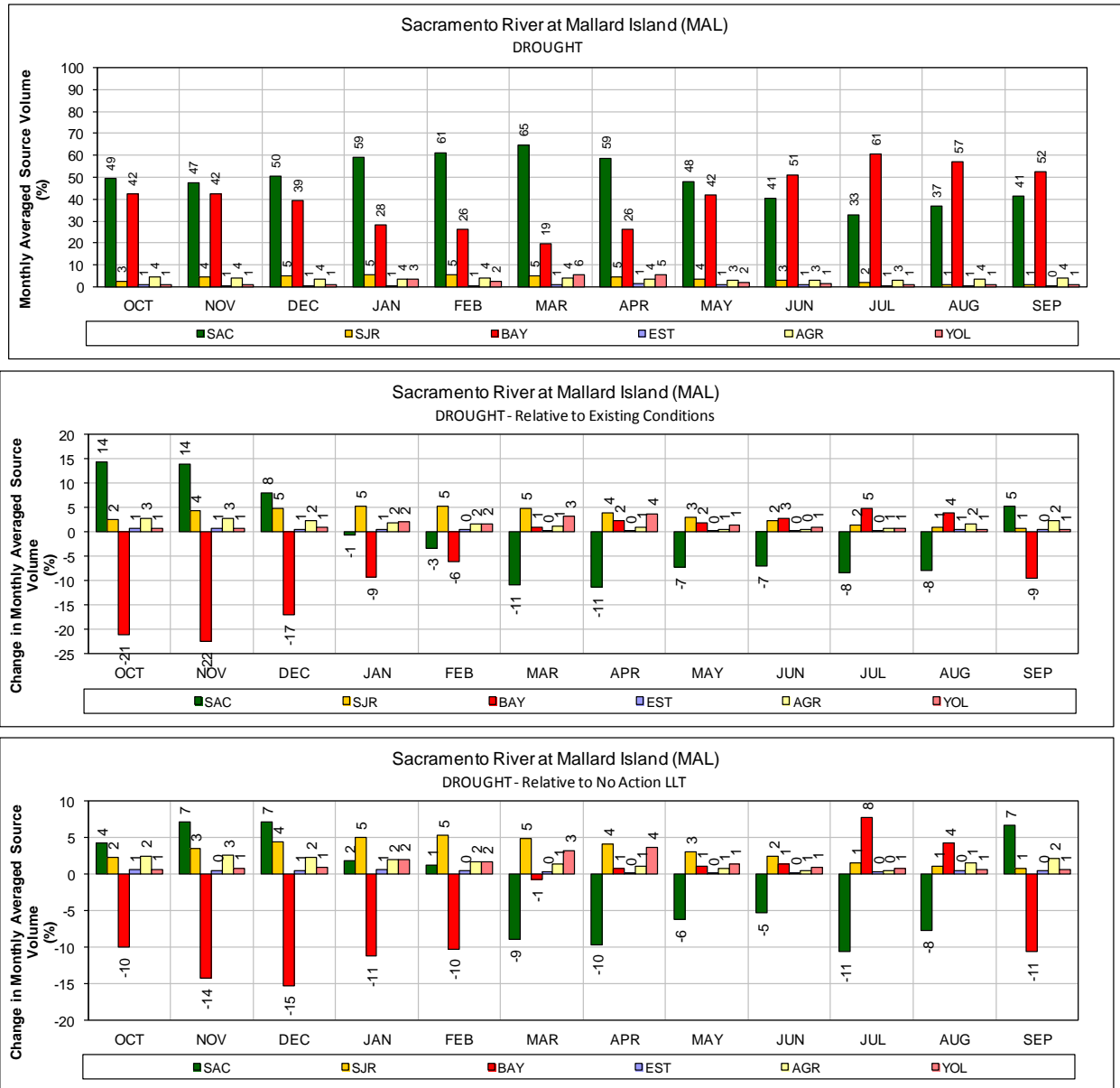
1 **Figure 209. ALT 6 – San Joaquin River at Antioch for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



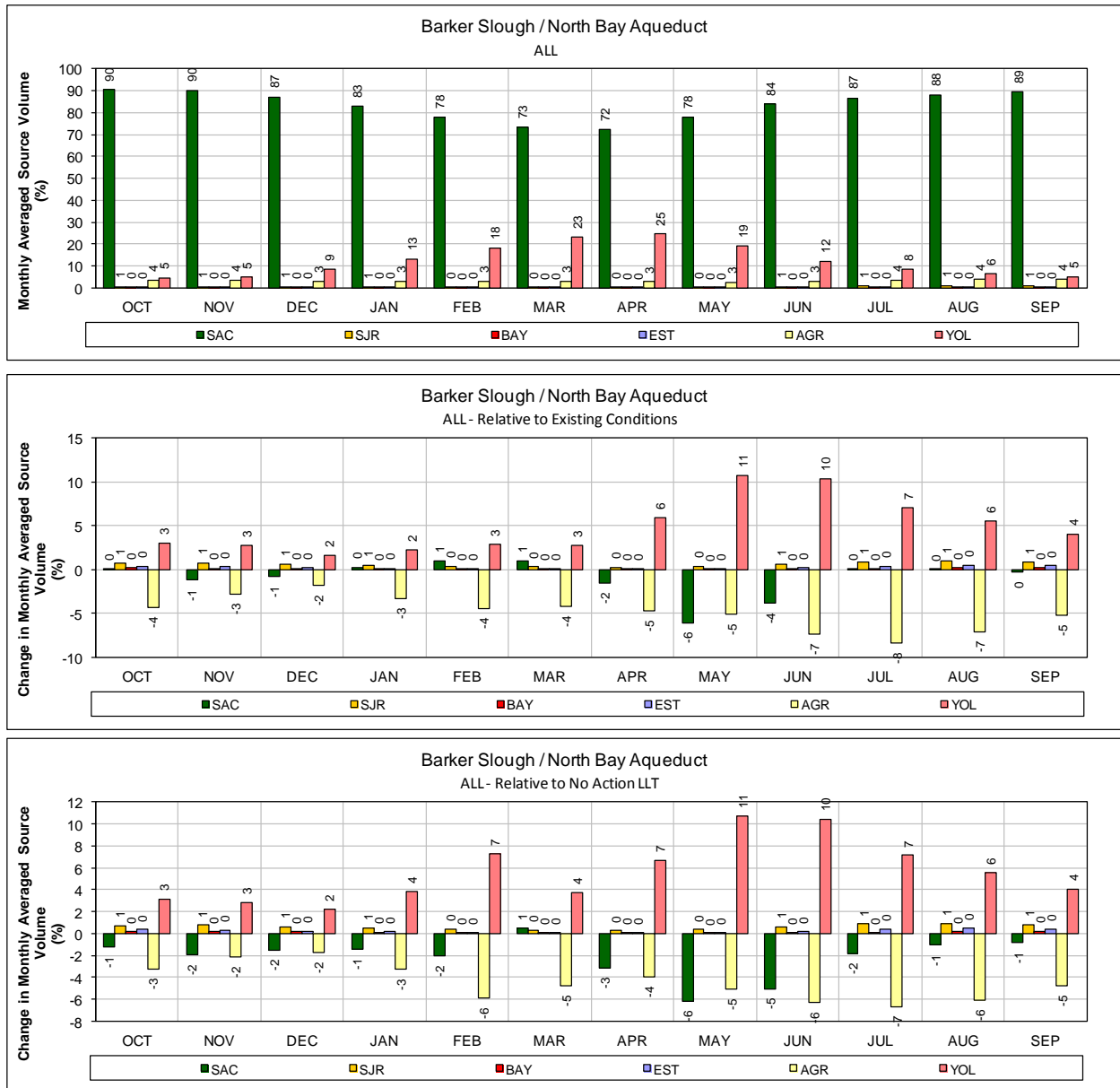
1 **Figure 210. ALT 6 – San Joaquin River at Antioch for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



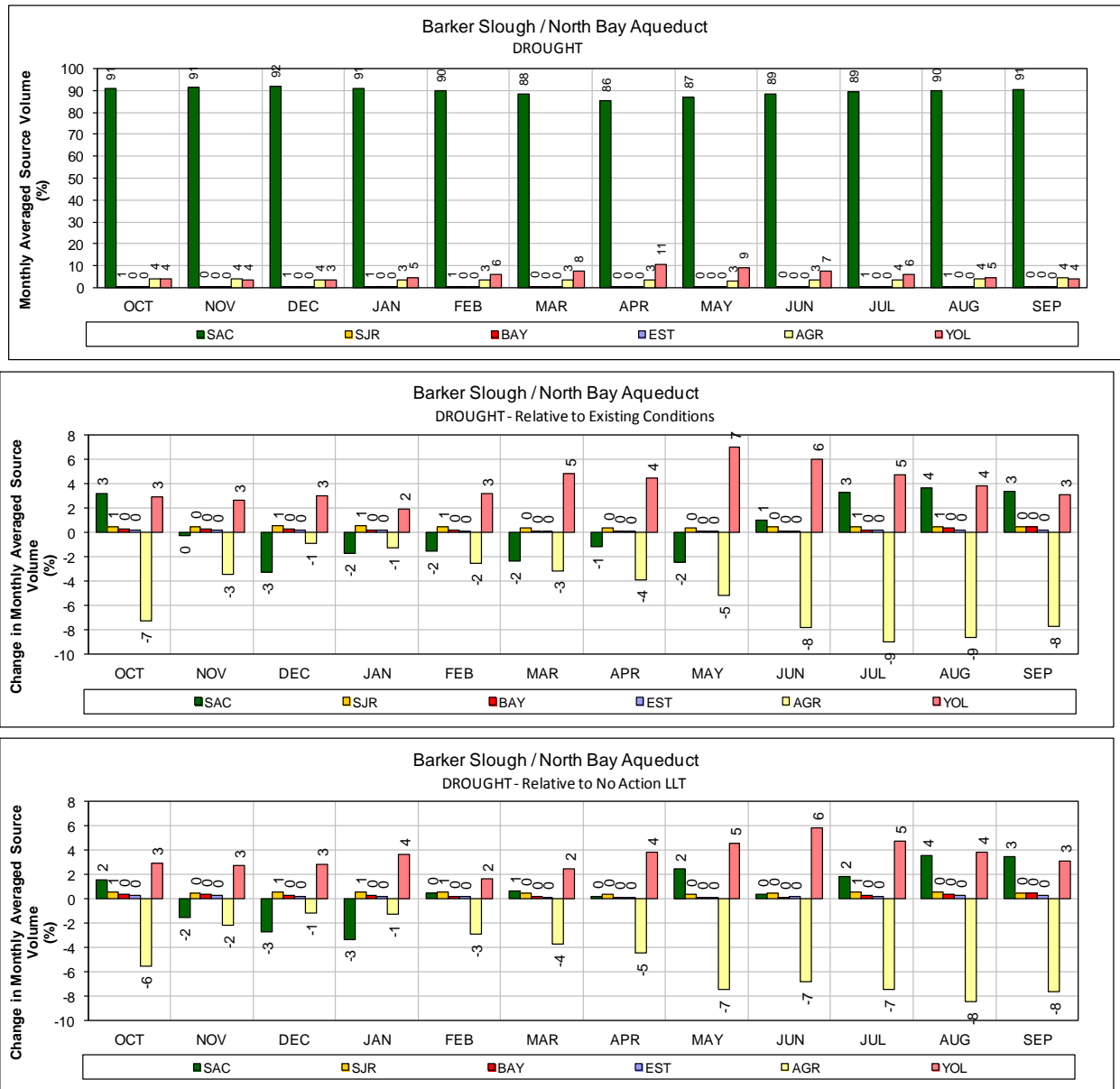
1 **Figure 211. ALT 6 – Sacramento River at Mallard Island for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



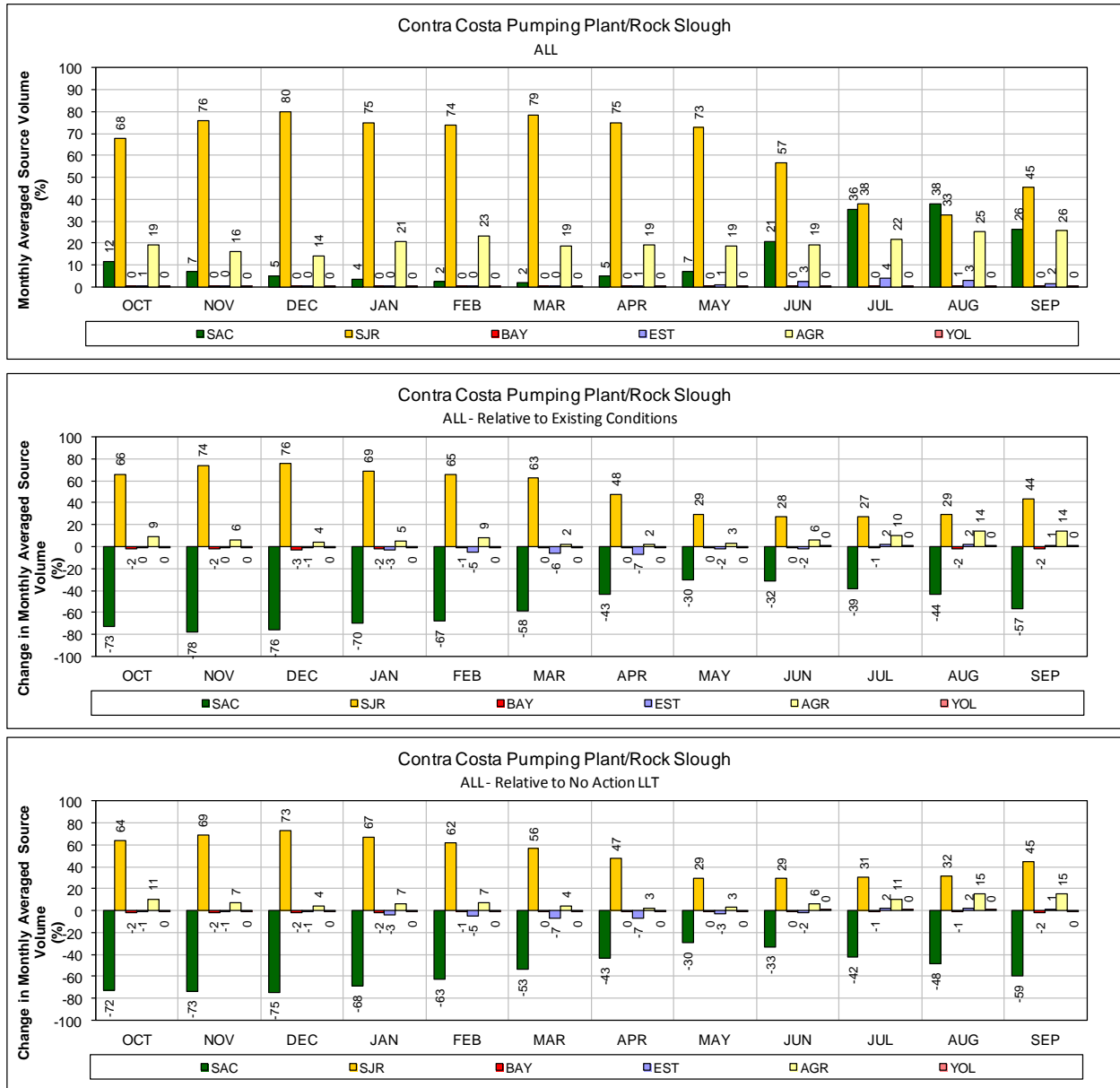
1 **Figure 212. ALT 6 – Sacramento River at Mallard Island for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



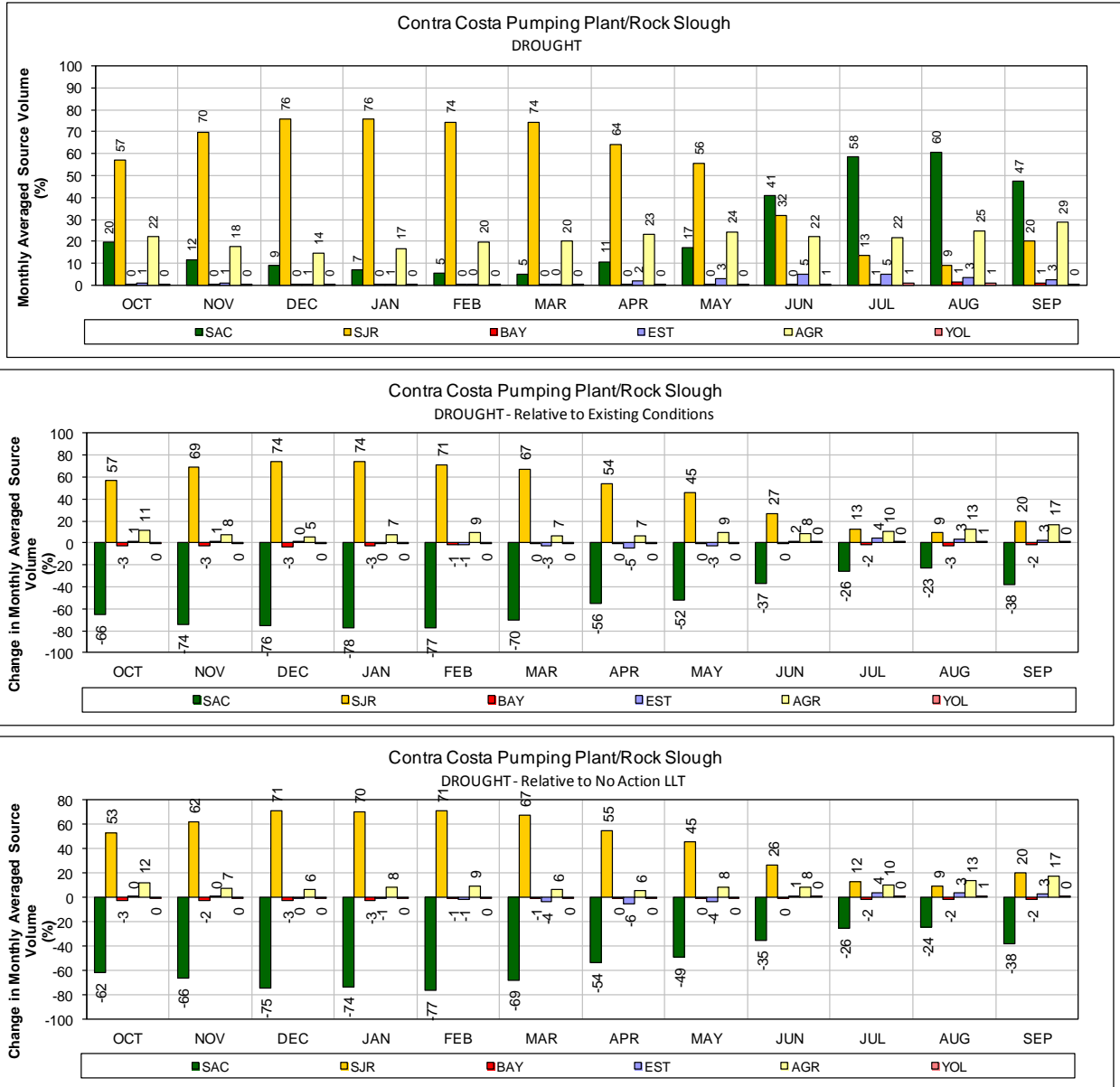
1 **Figure 213. ALT 6 – North Bay Aqueduct at Barker Slough Pumping Plant for ALL years**
 2 **(1976-1991)**
 3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



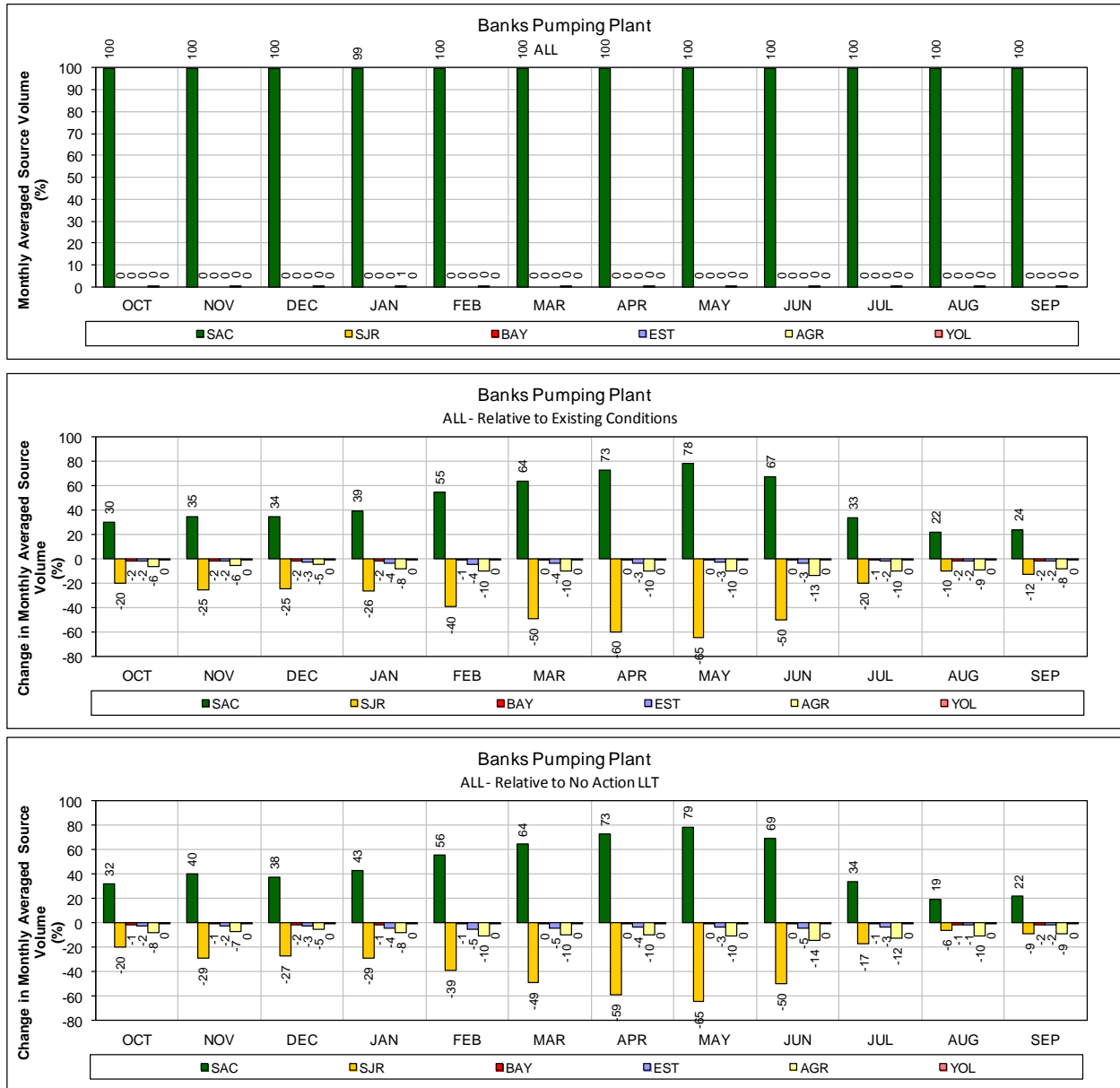
1 **Figure 214. ALT 6 – North Bay Aqueduct at Barker Slough Pumping Plant for DROUGHT**
 2 **years (1987-1991)**
 3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



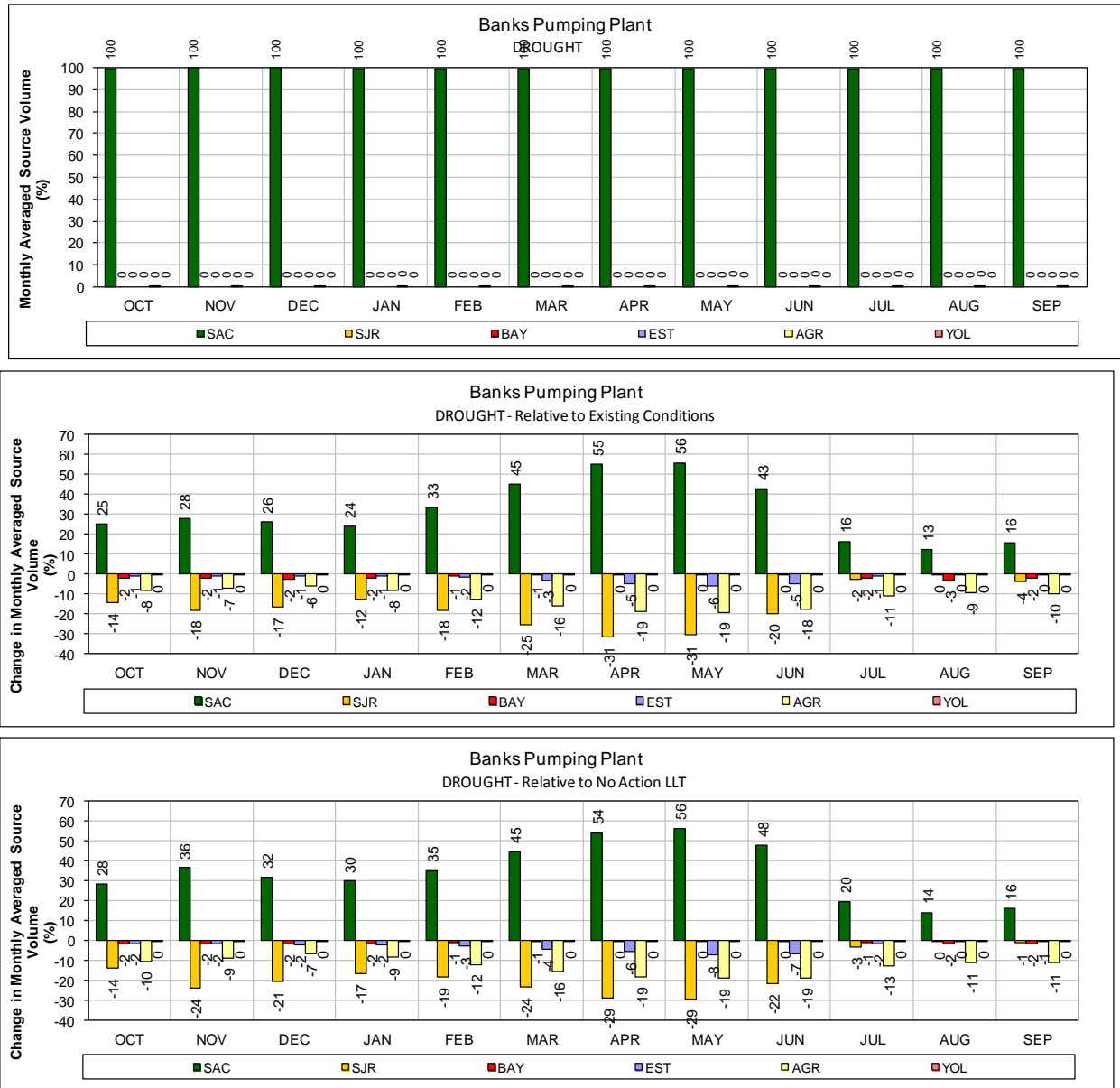
1 **Figure 215. ALT 6 – Contra Costa Pumping Plant #1 for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



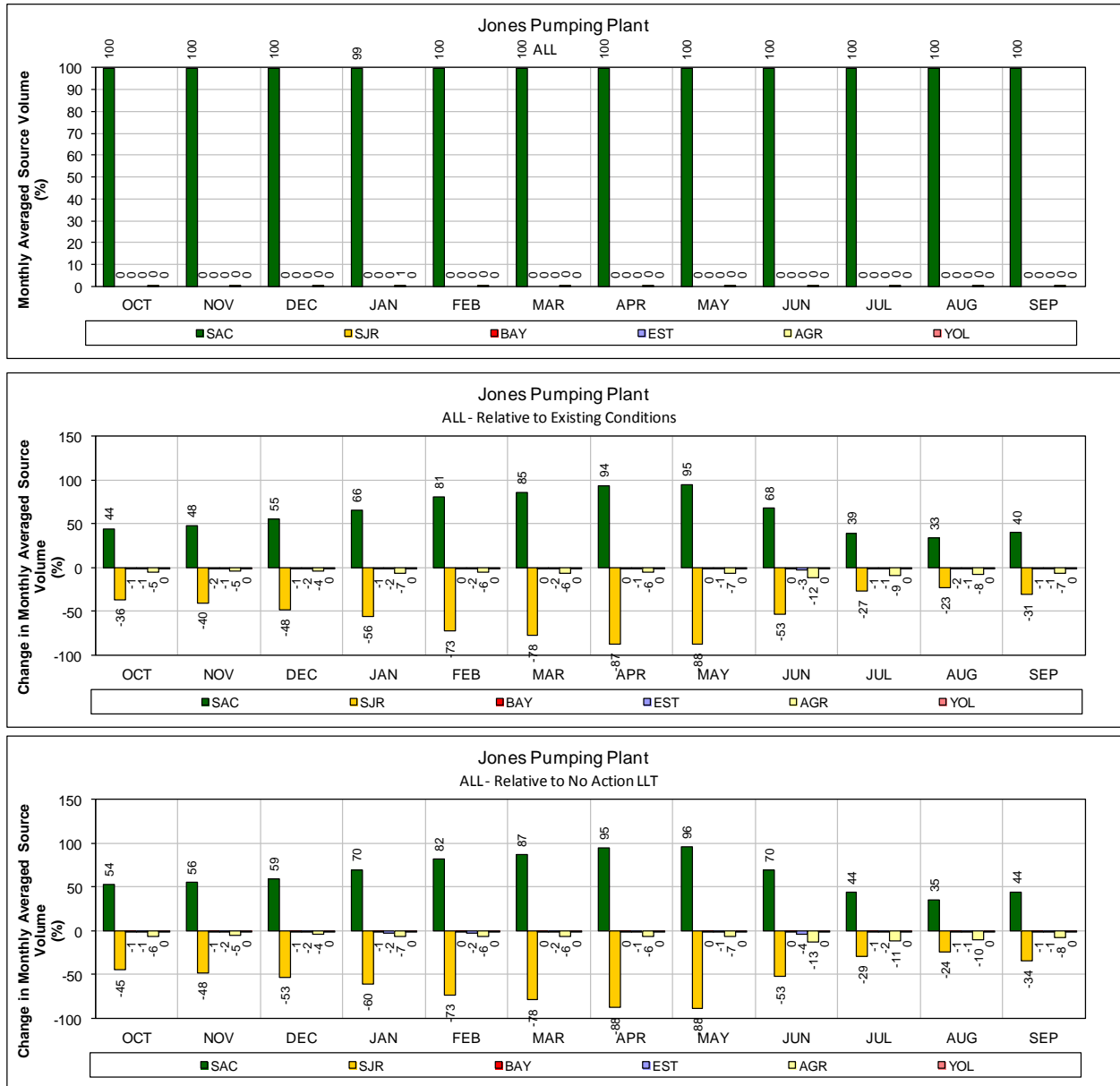
1 **Figure 216. ALT 6 – Contra Costa Pumping Plant #1 for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



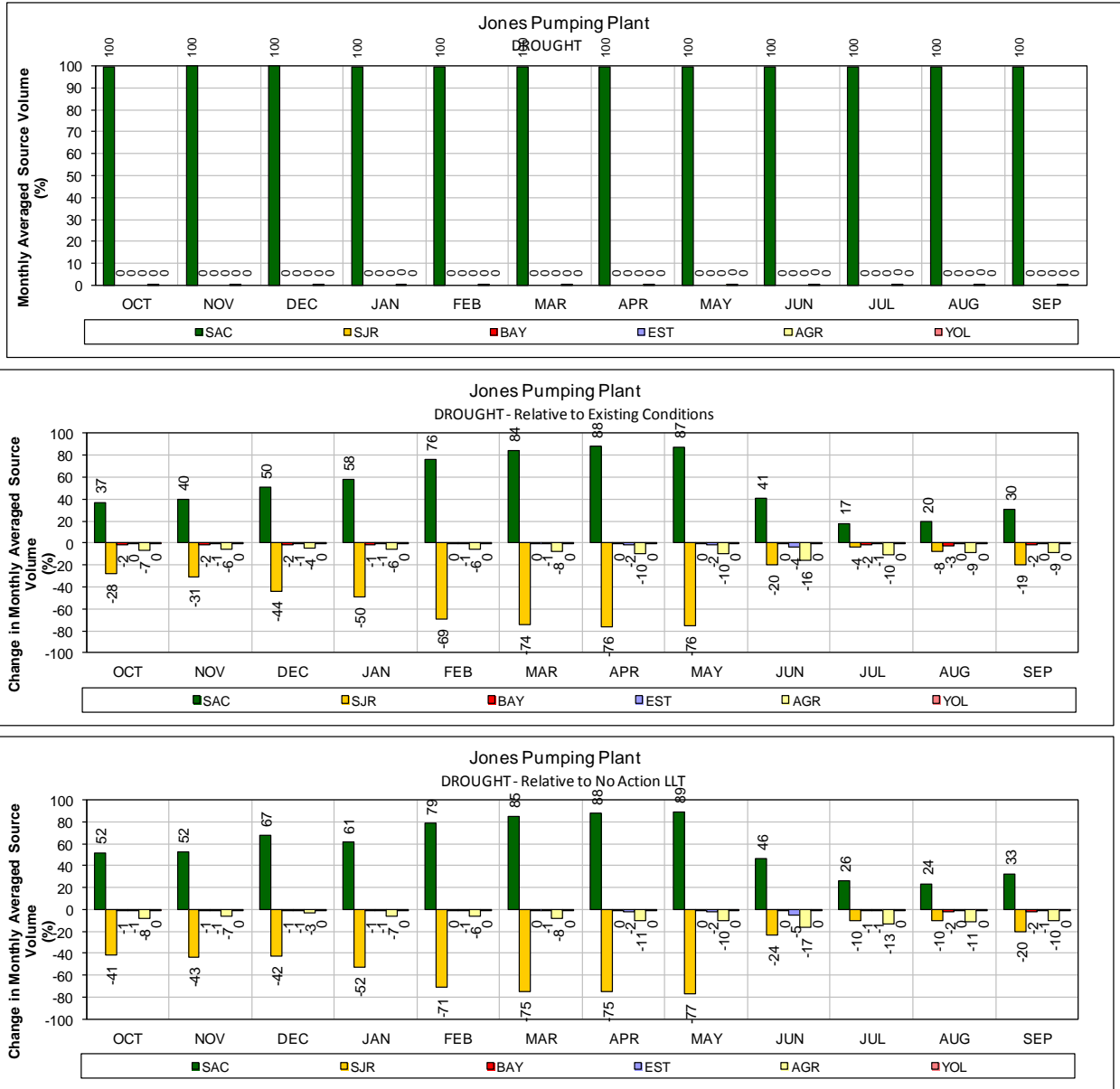
- 1 **Figure 217. ALT 6 – Banks Pumping Plant for ALL years (1976-1991)**
- 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
- 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



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



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).**

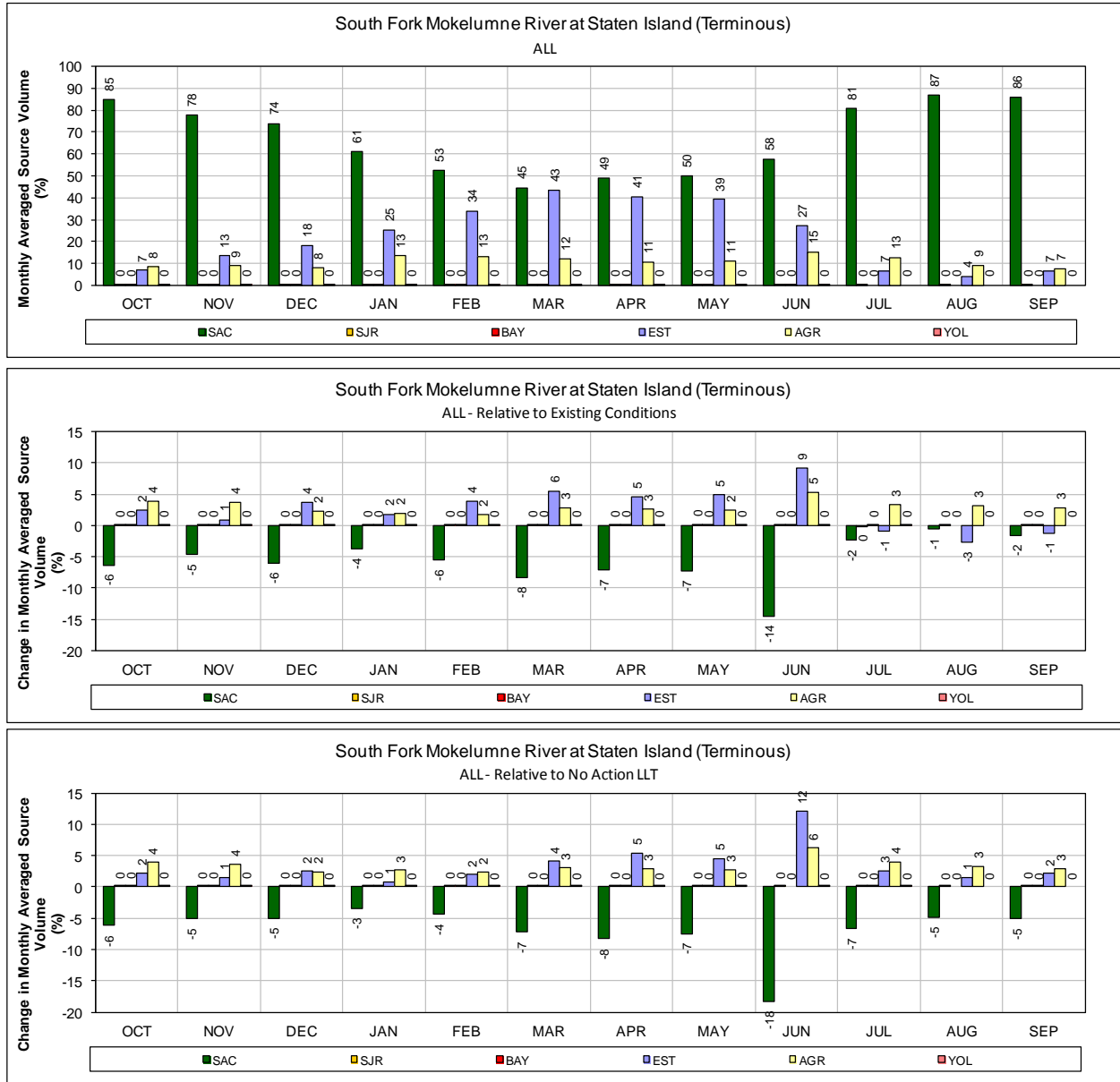


1 **Figure 220. ALT 6 – Jones Pumping Plant for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**

1

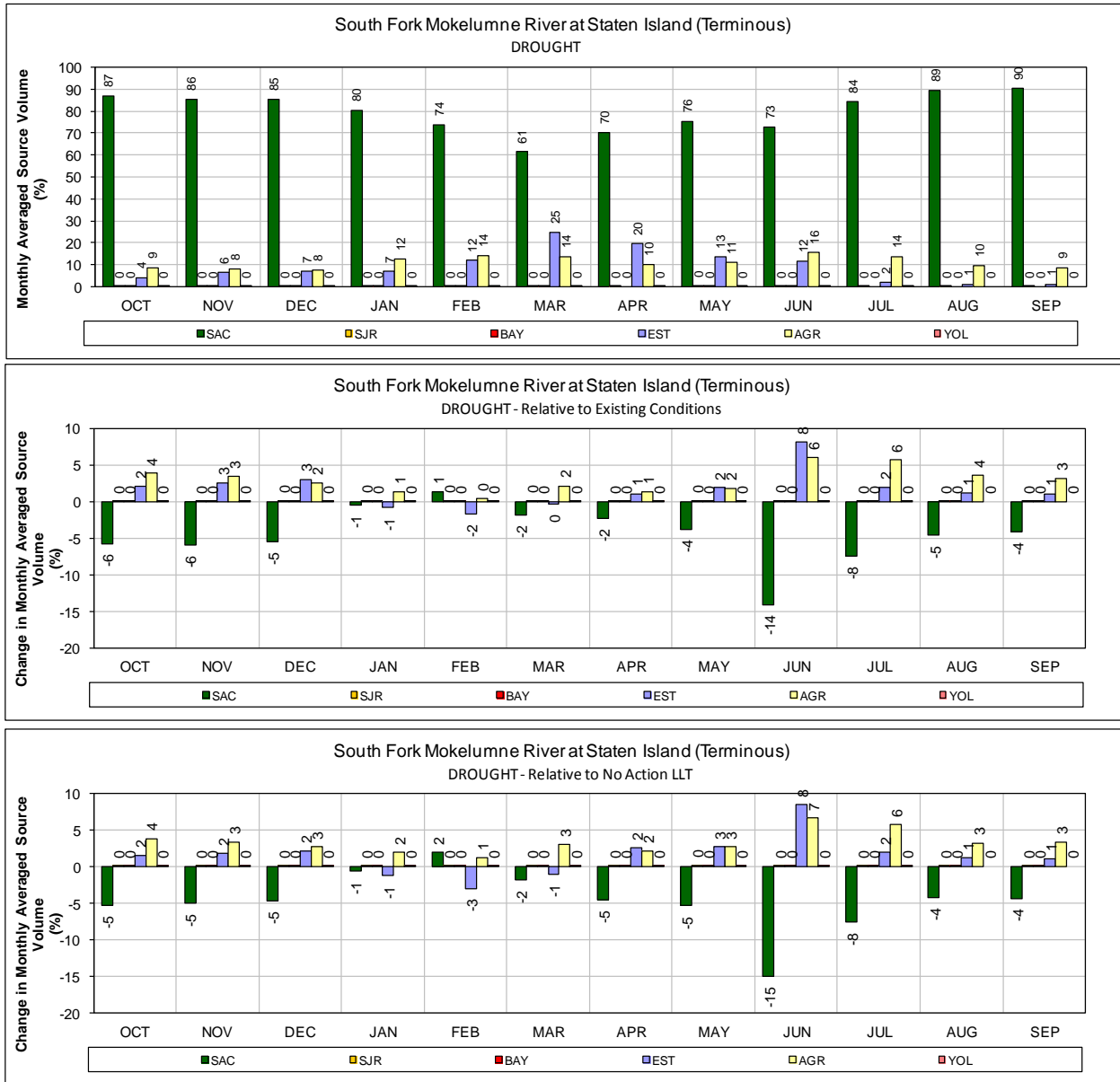
Alternative 7 LLT

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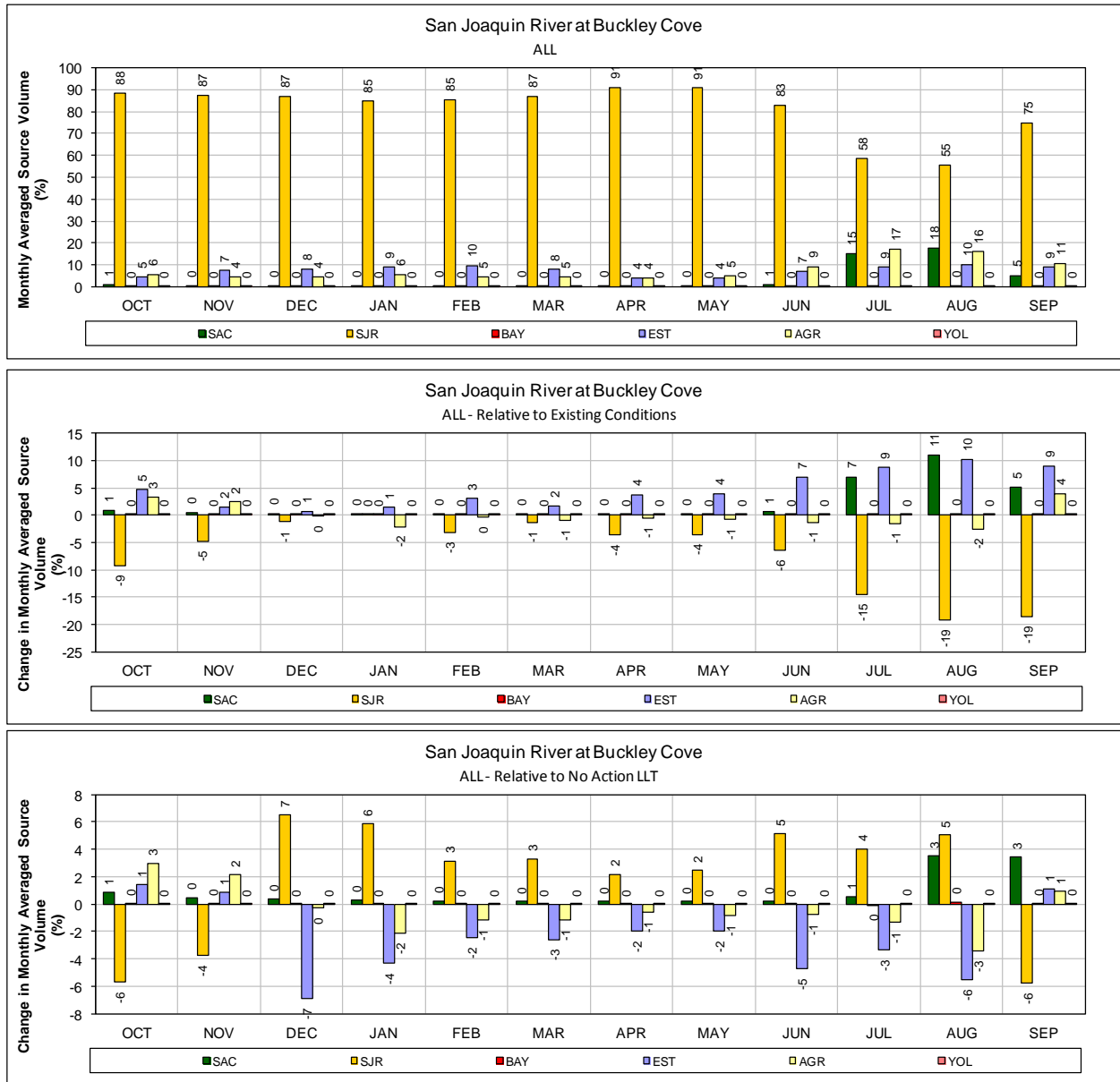
1 **Figure 221. ALT 7 – Mokelumne River (South Fork) at Staten Island for ALL years (1976-**
 2 **1991)**

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).**

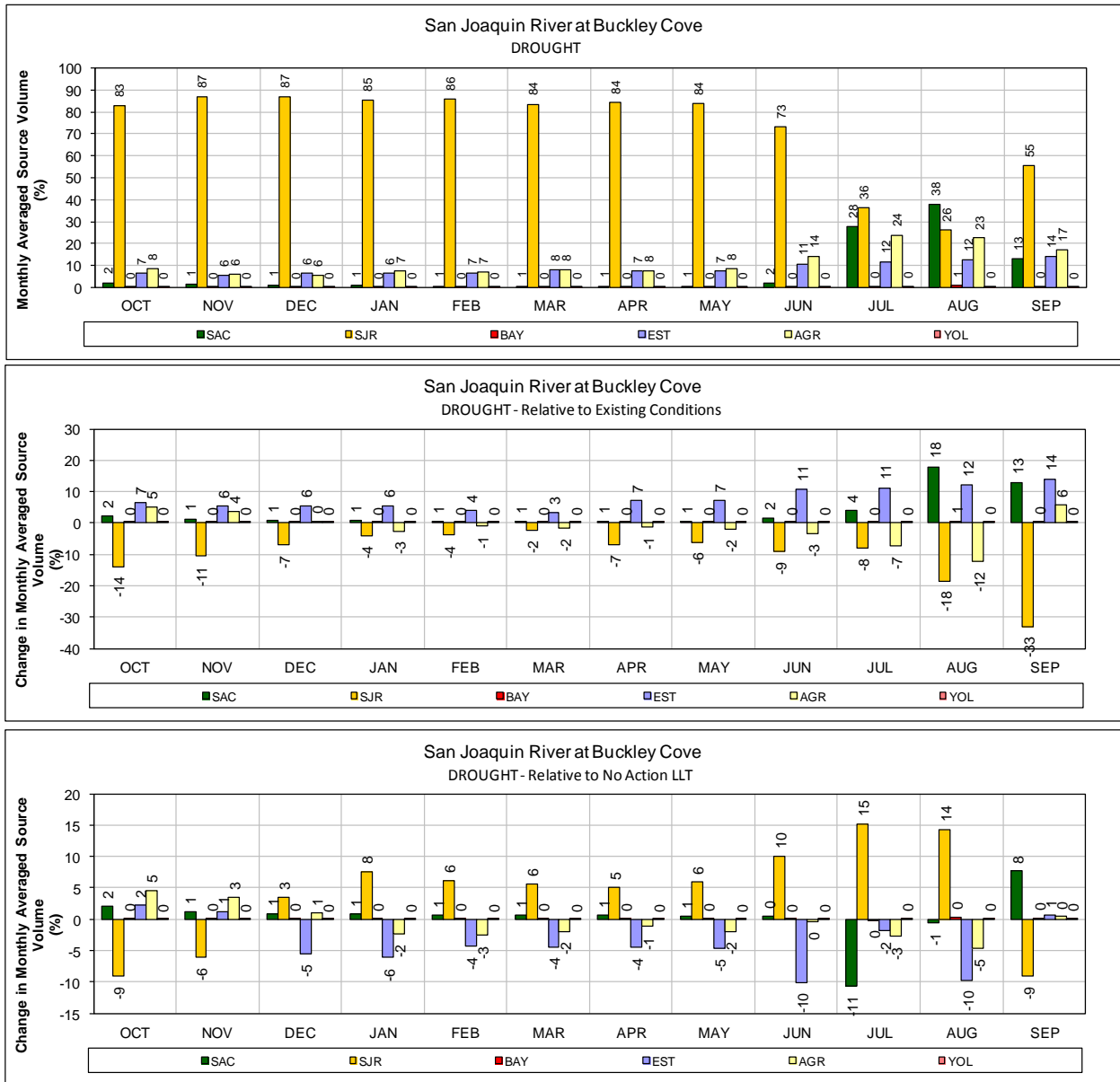


1 **Figure 222. ALT 7 – Mokelumne River (South Fork) at Staten Island for DROUGHT years**
 2 **(1987-1991)**

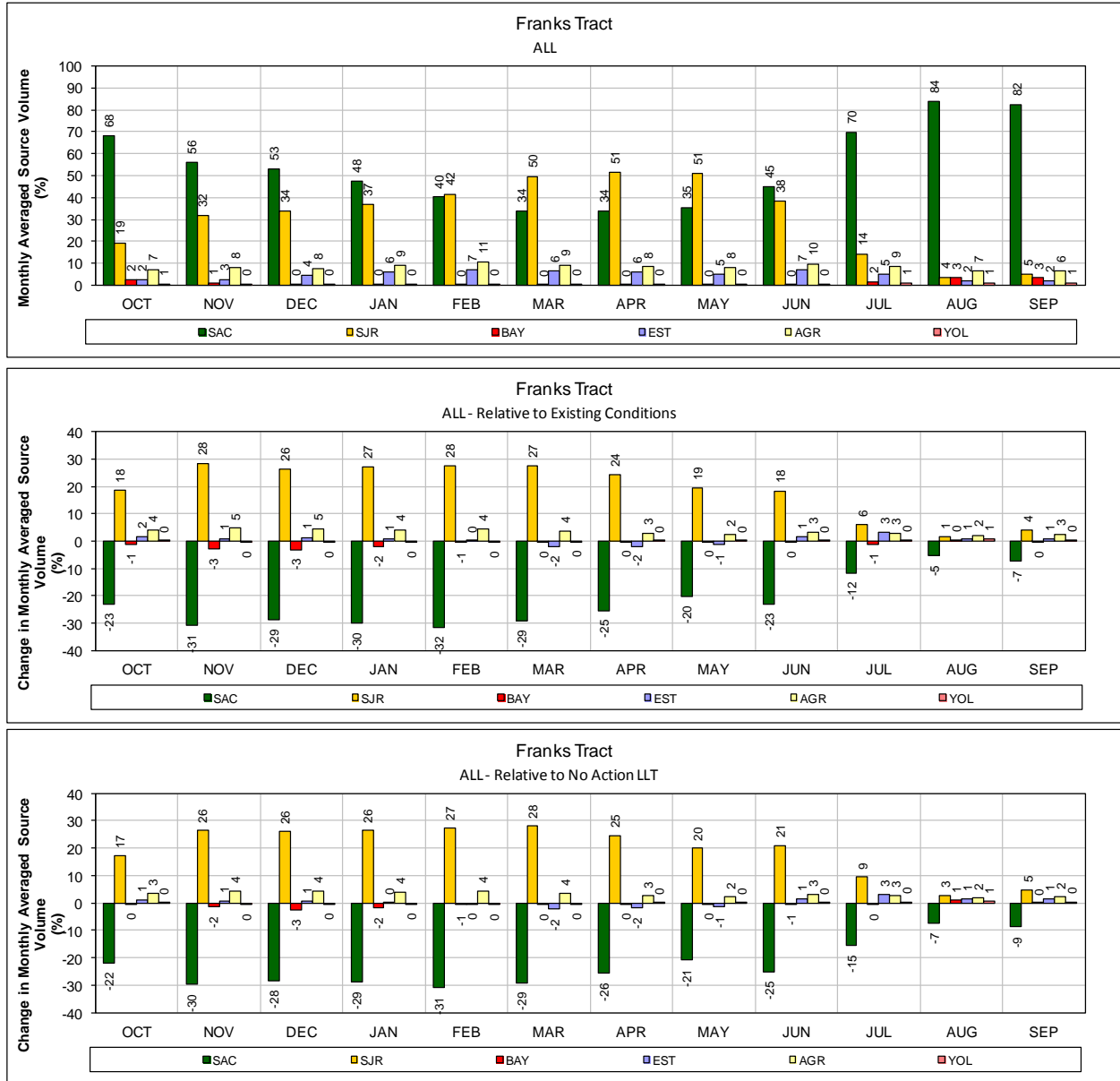
3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



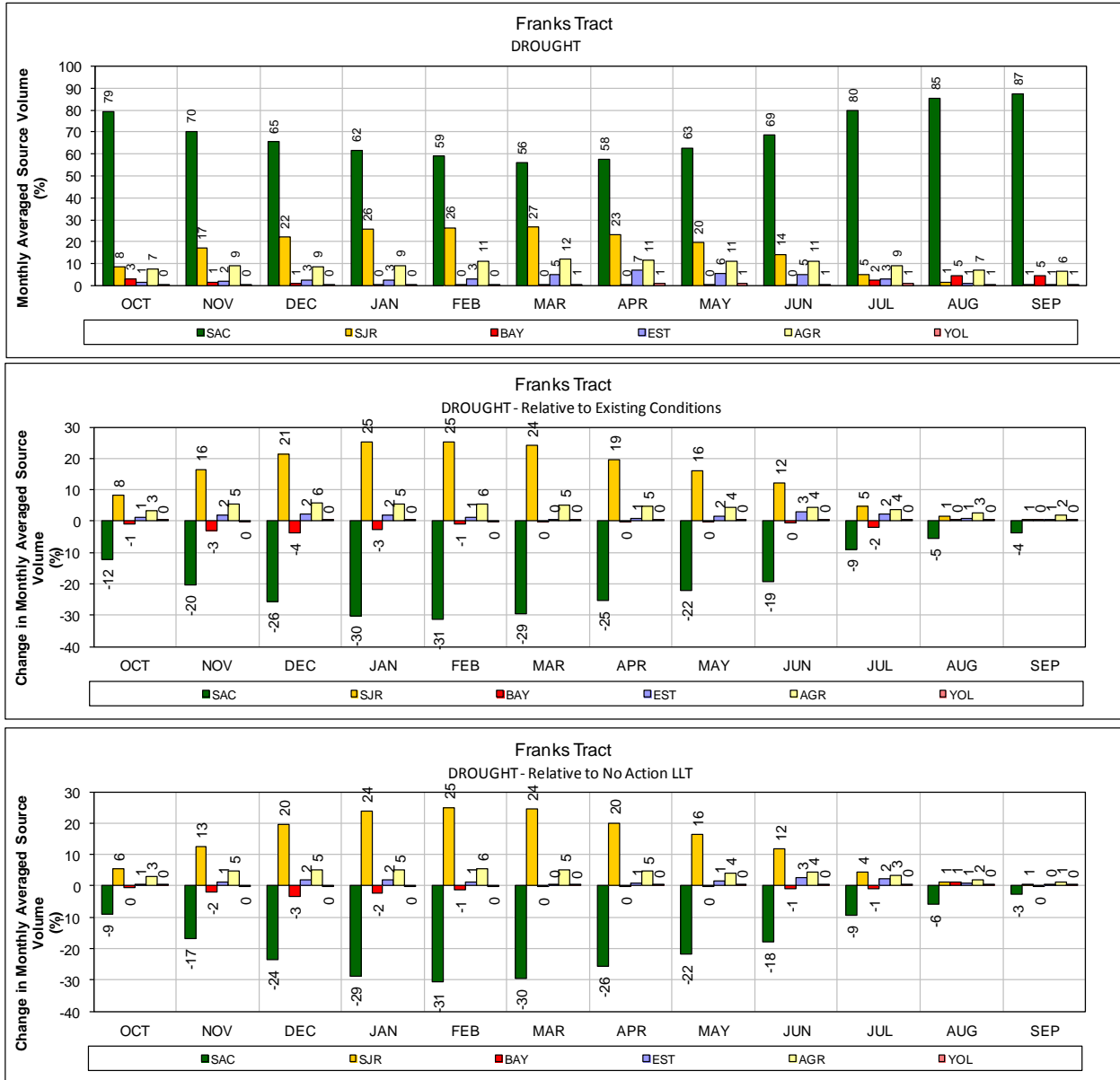
1 **Figure 223. ALT 7 – San Joaquin River at Buckley Cove for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



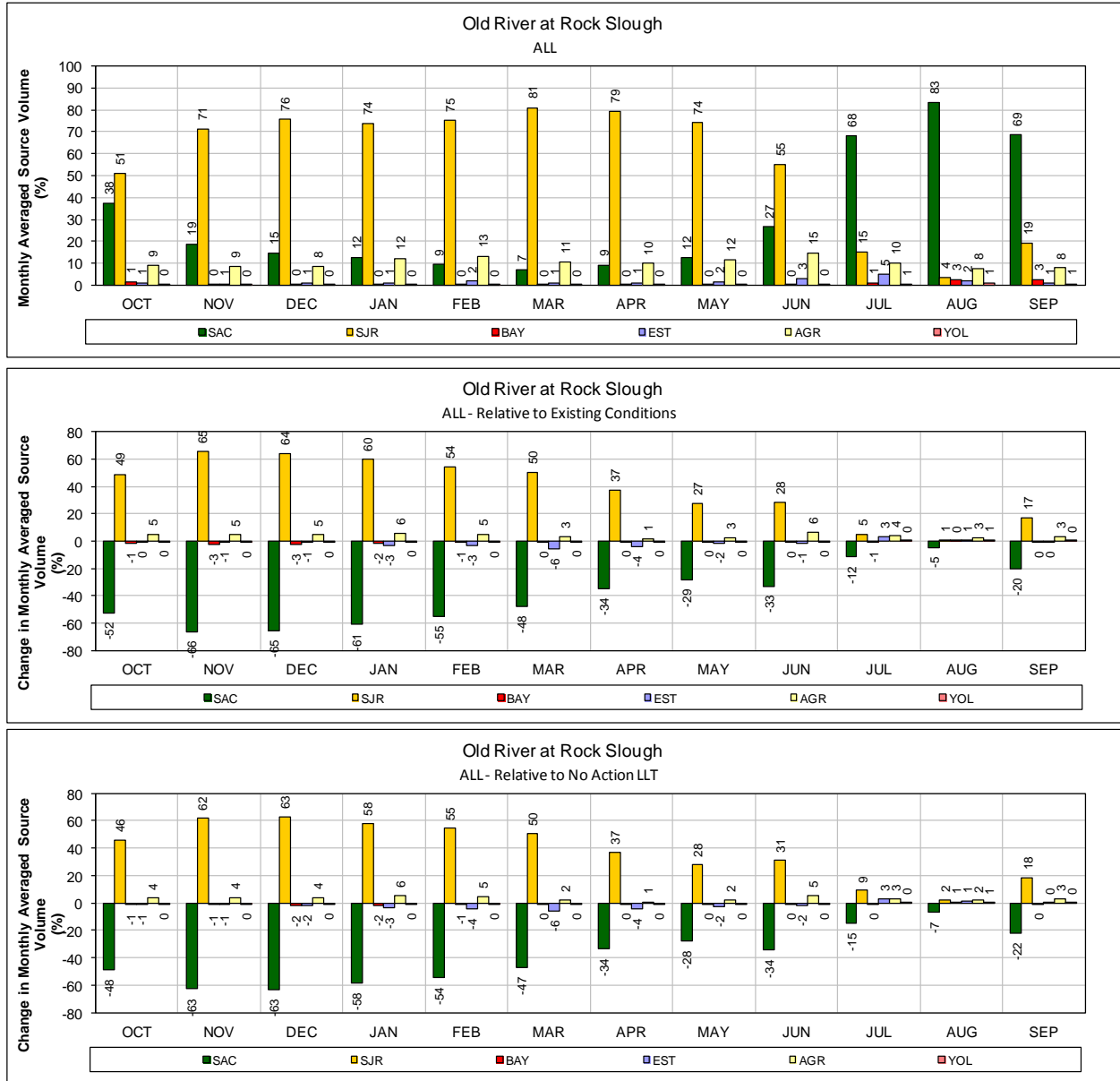
1 **Figure 224. ALT 7 – San Joaquin River at Buckley Cove for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



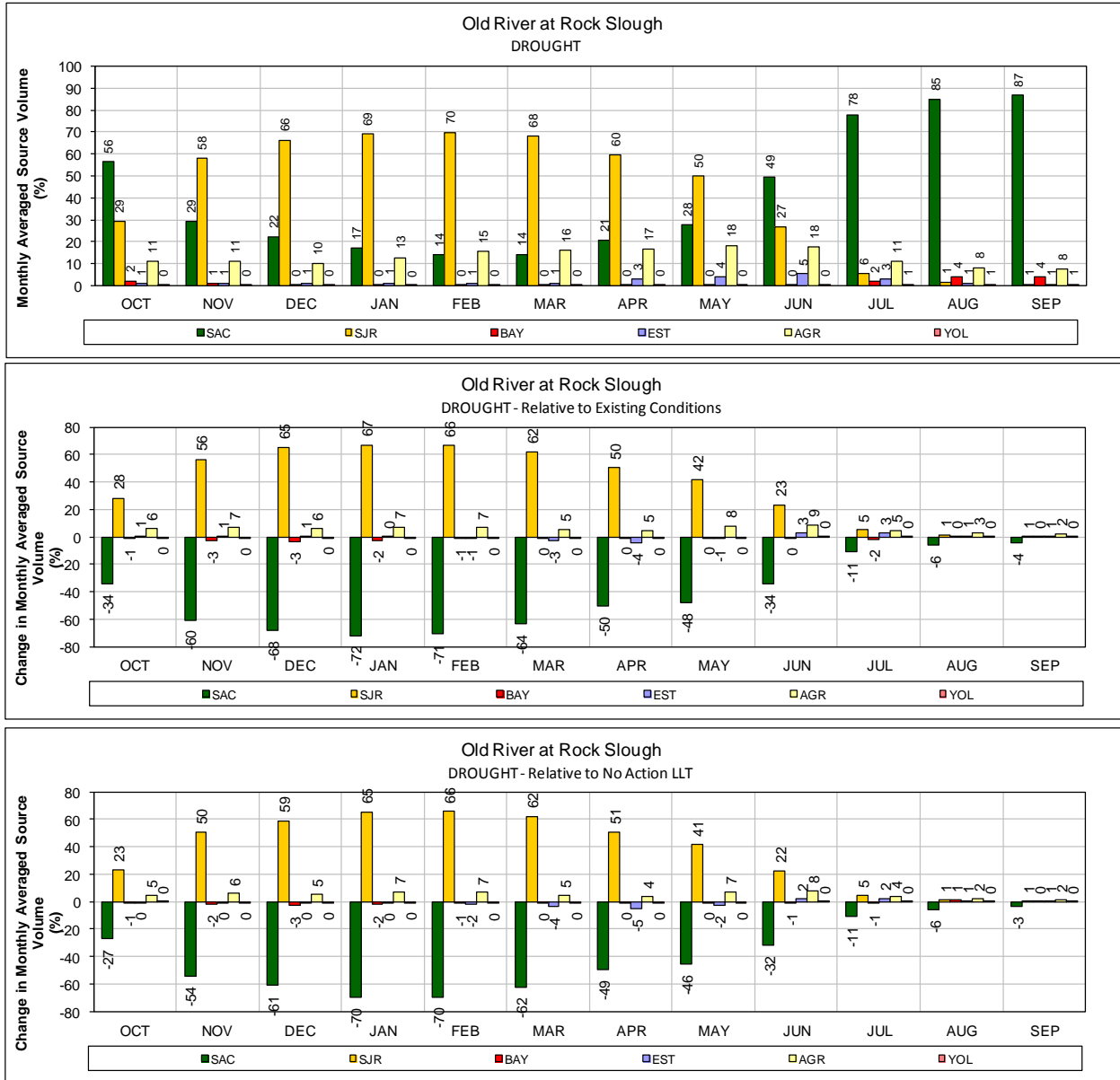
1 **Figure 225. ALT 7 – Franks Tract for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



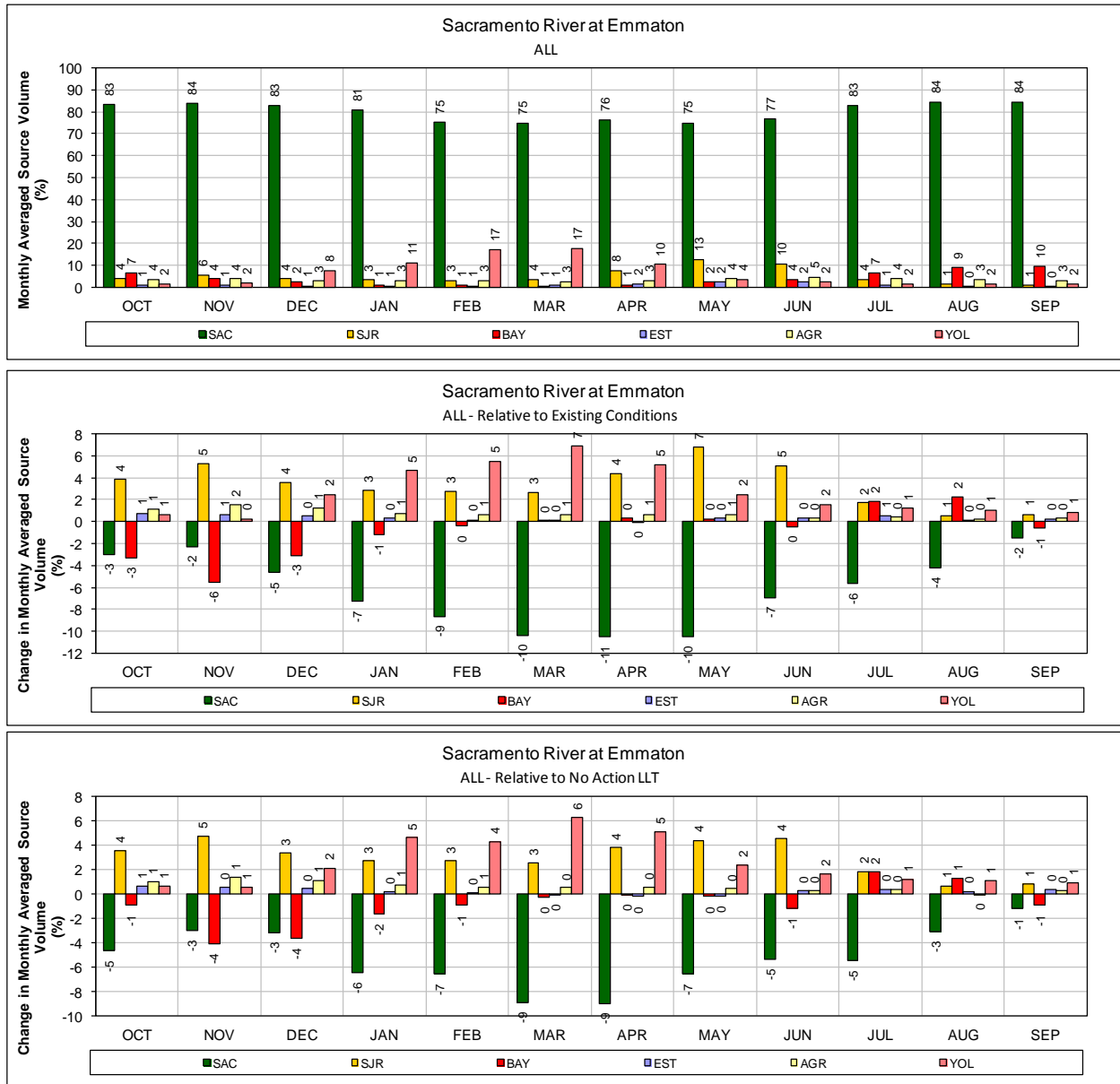
1 **Figure 226. ALT 7 – Franks Tract for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



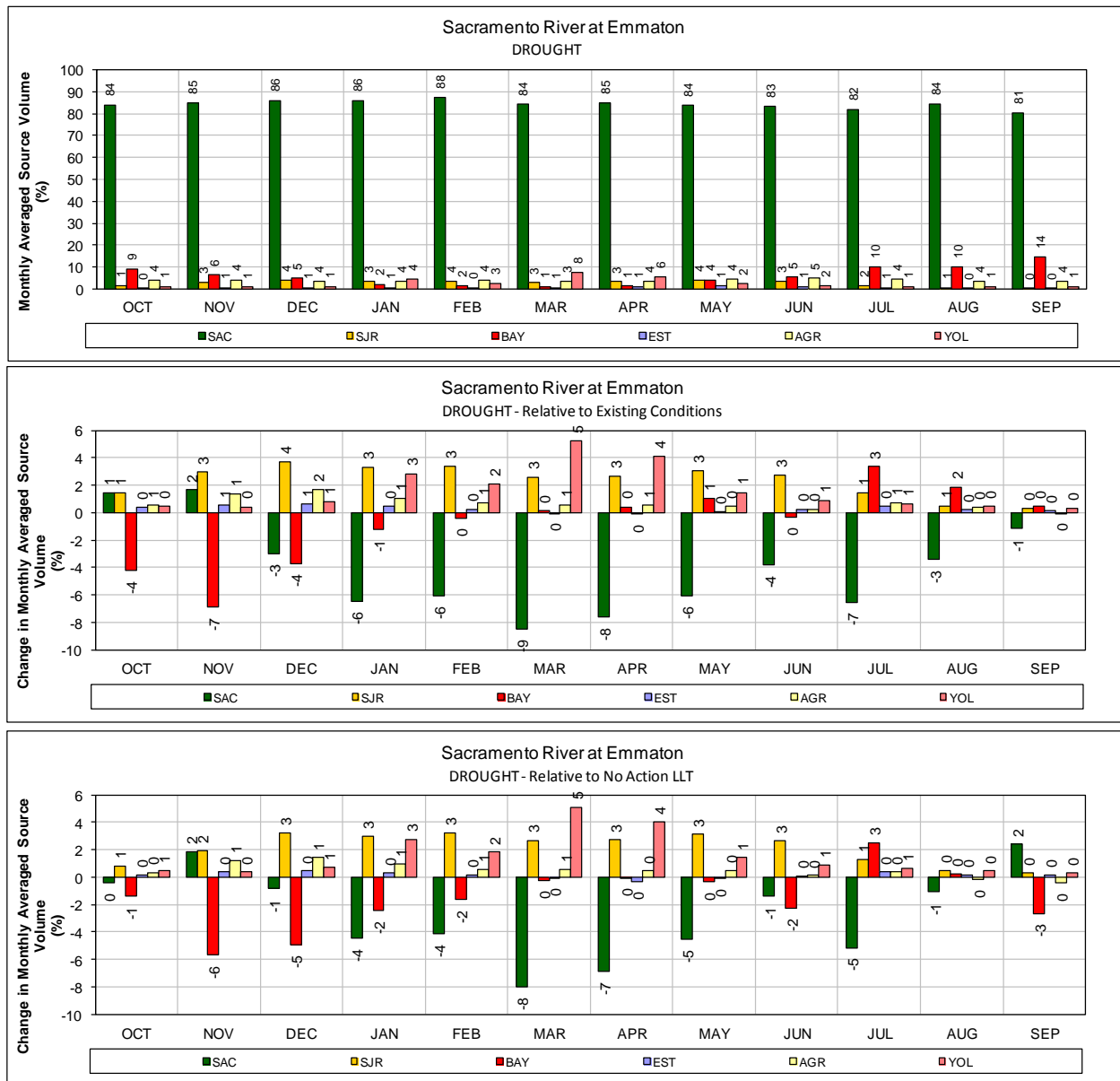
1 **Figure 227. ALT 7 – Old River at Rock Slough for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



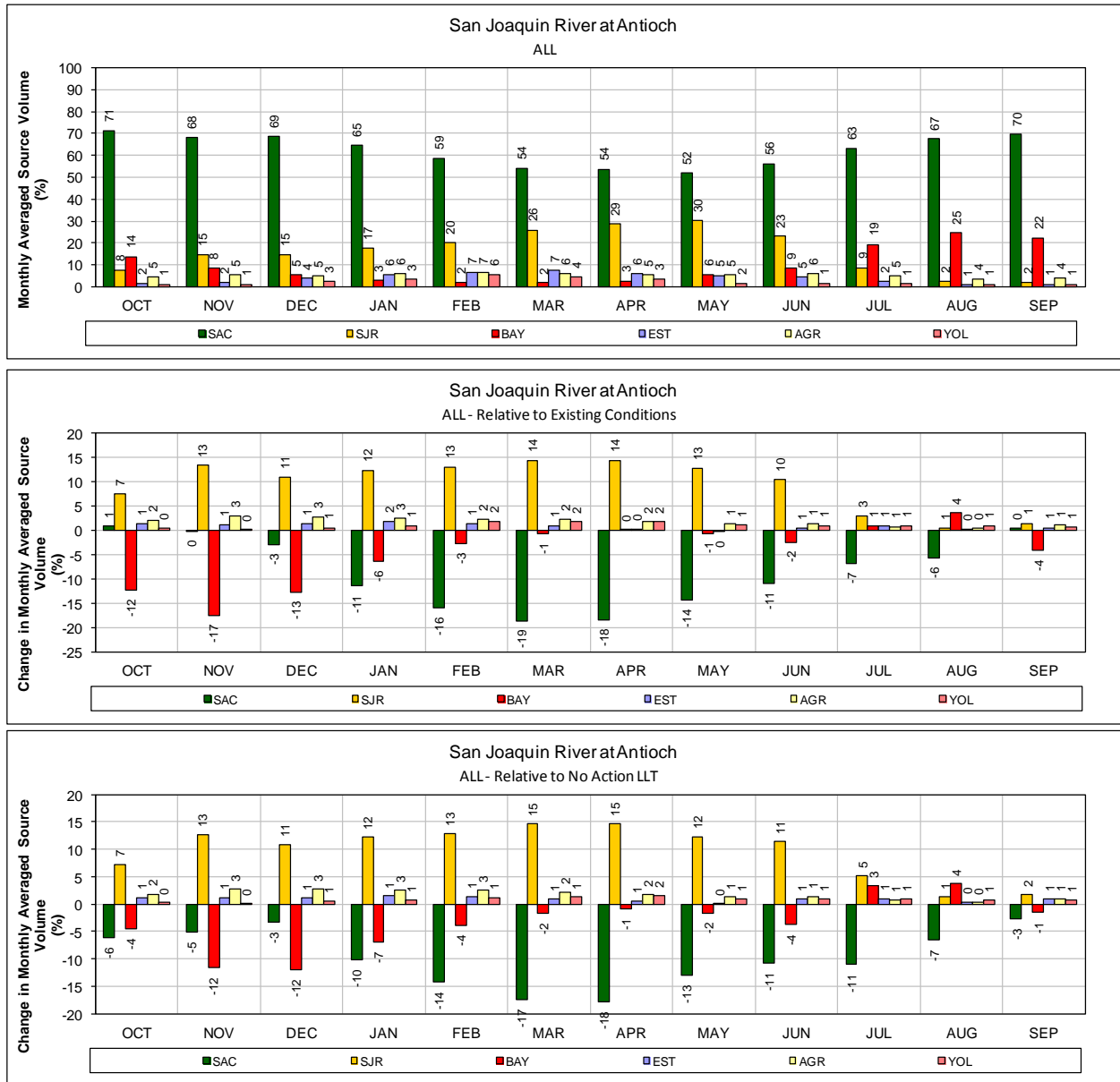
1 **Figure 228. ALT 7 – Old River at Rock Slough for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



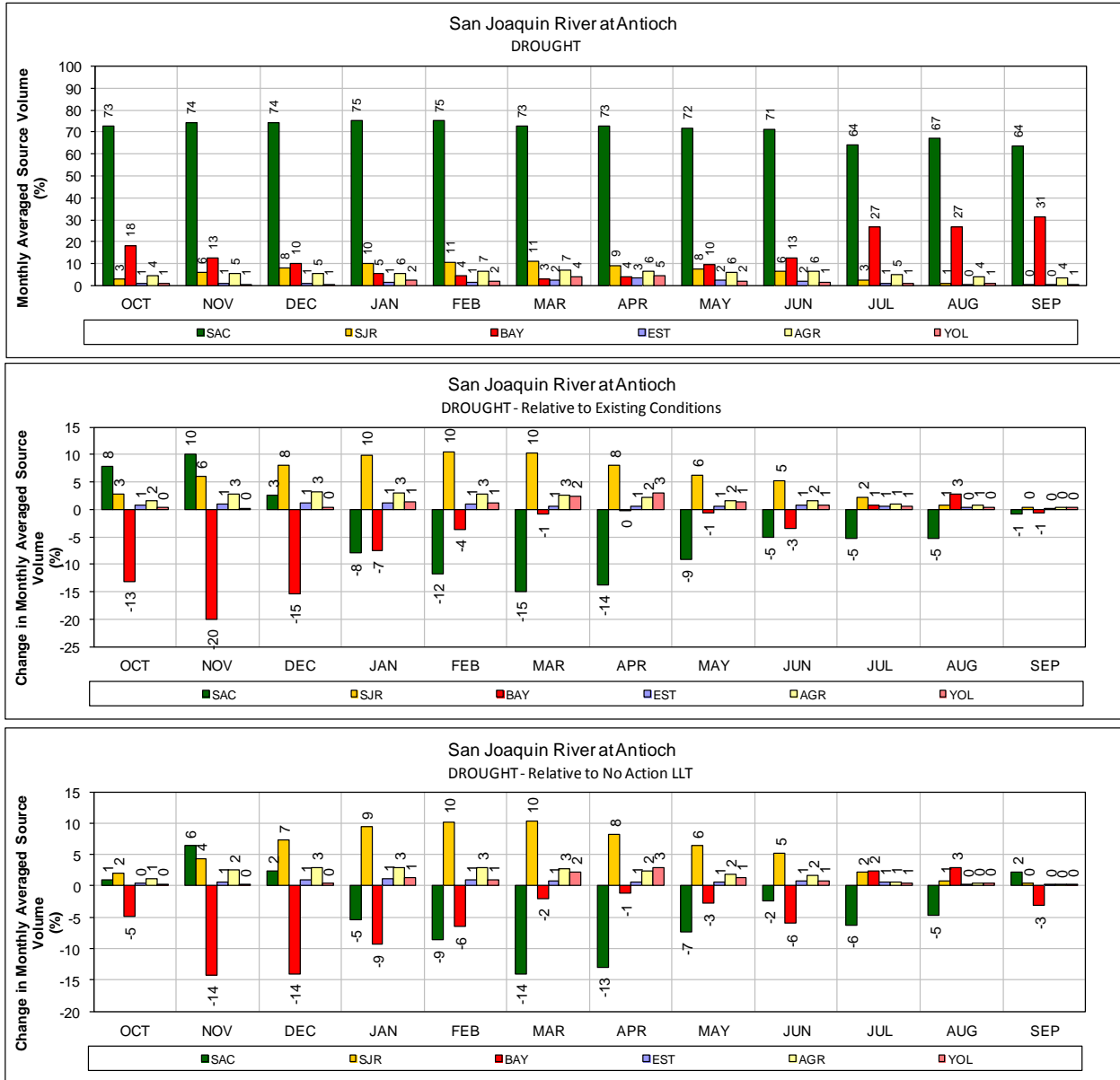
1 **Figure 229. ALT 7 – Sacramento River at Emmatton for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



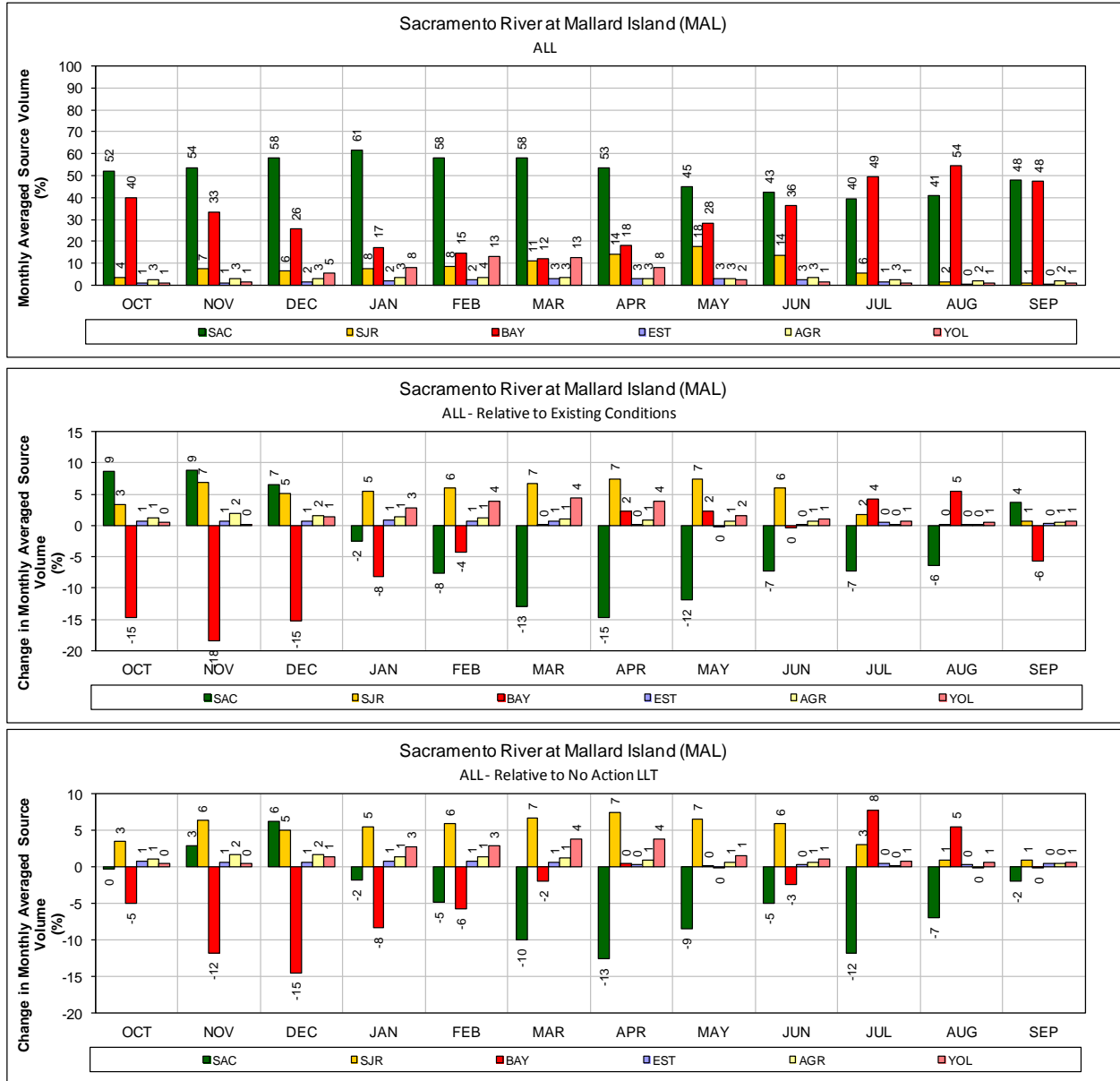
1 **Figure 230. ALT 7 – Sacramento River at Emmaton for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



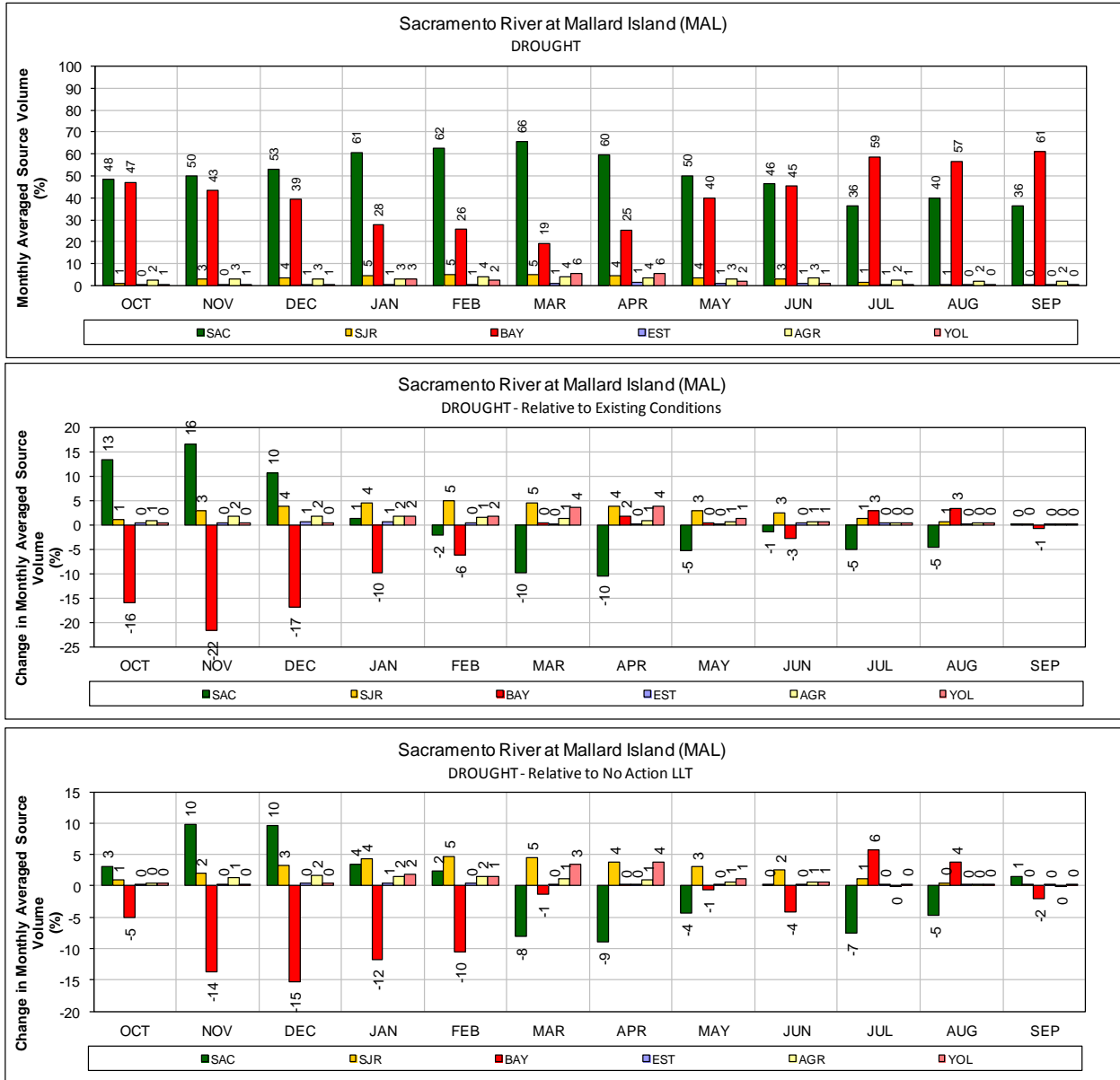
1 **Figure 231. ALT 7 – San Joaquin River at Antioch for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



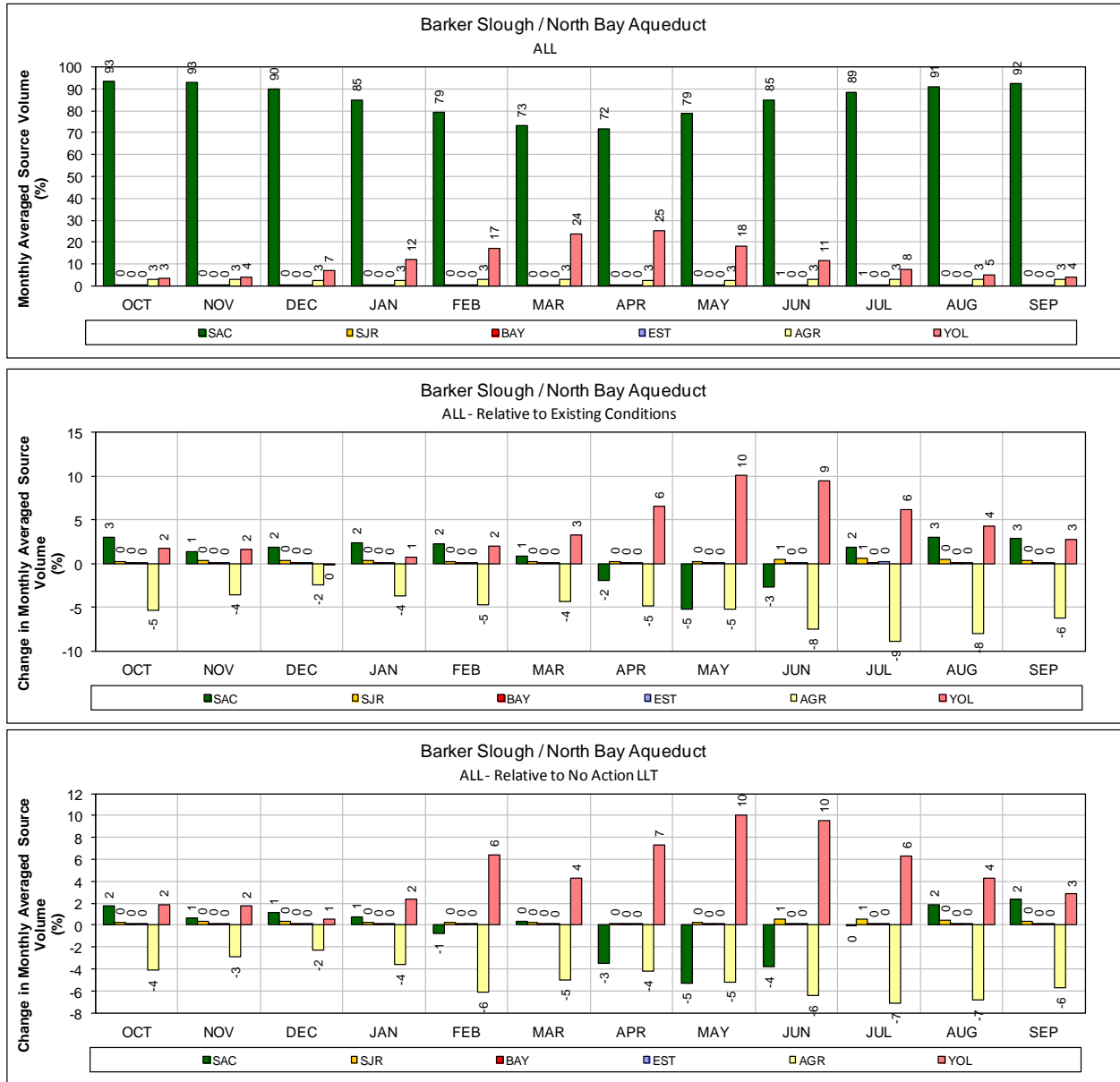
1 **Figure 232. ALT 7 – San Joaquin River at Antioch for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



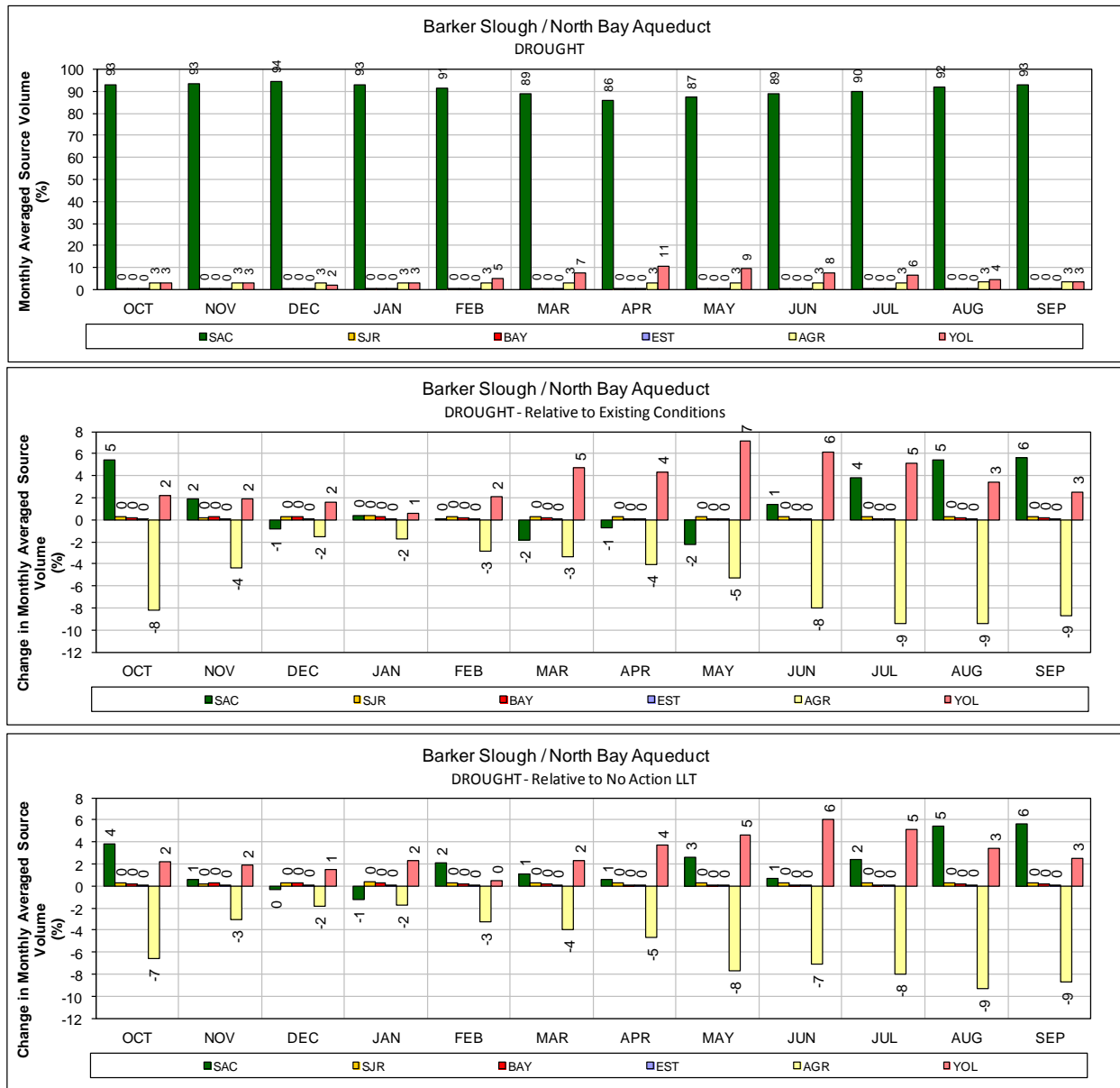
1 **Figure 233. ALT 7 – Sacramento River at Mallard Island for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



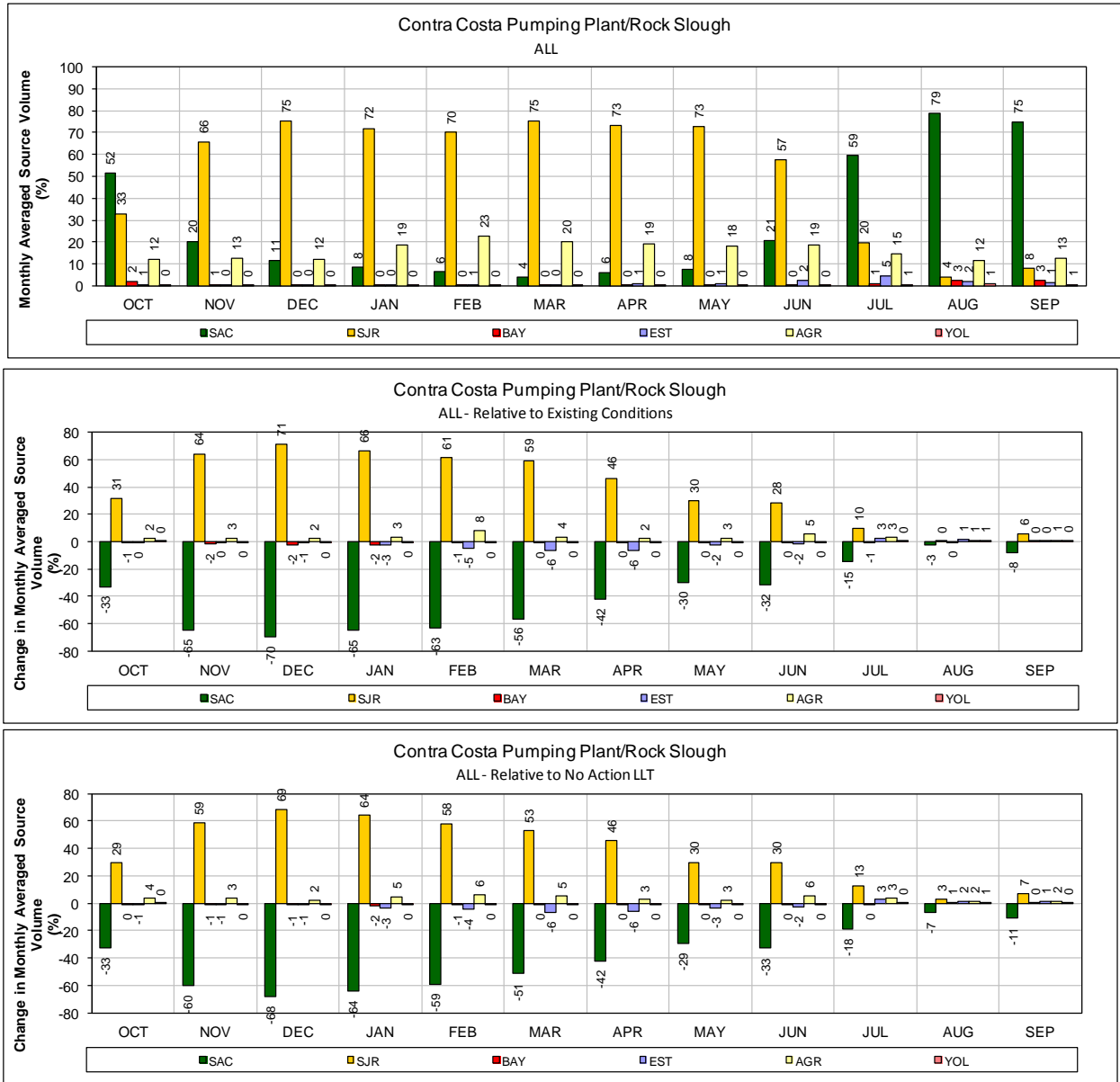
1 **Figure 234. ALT 7 – Sacramento River at Mallard Island for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



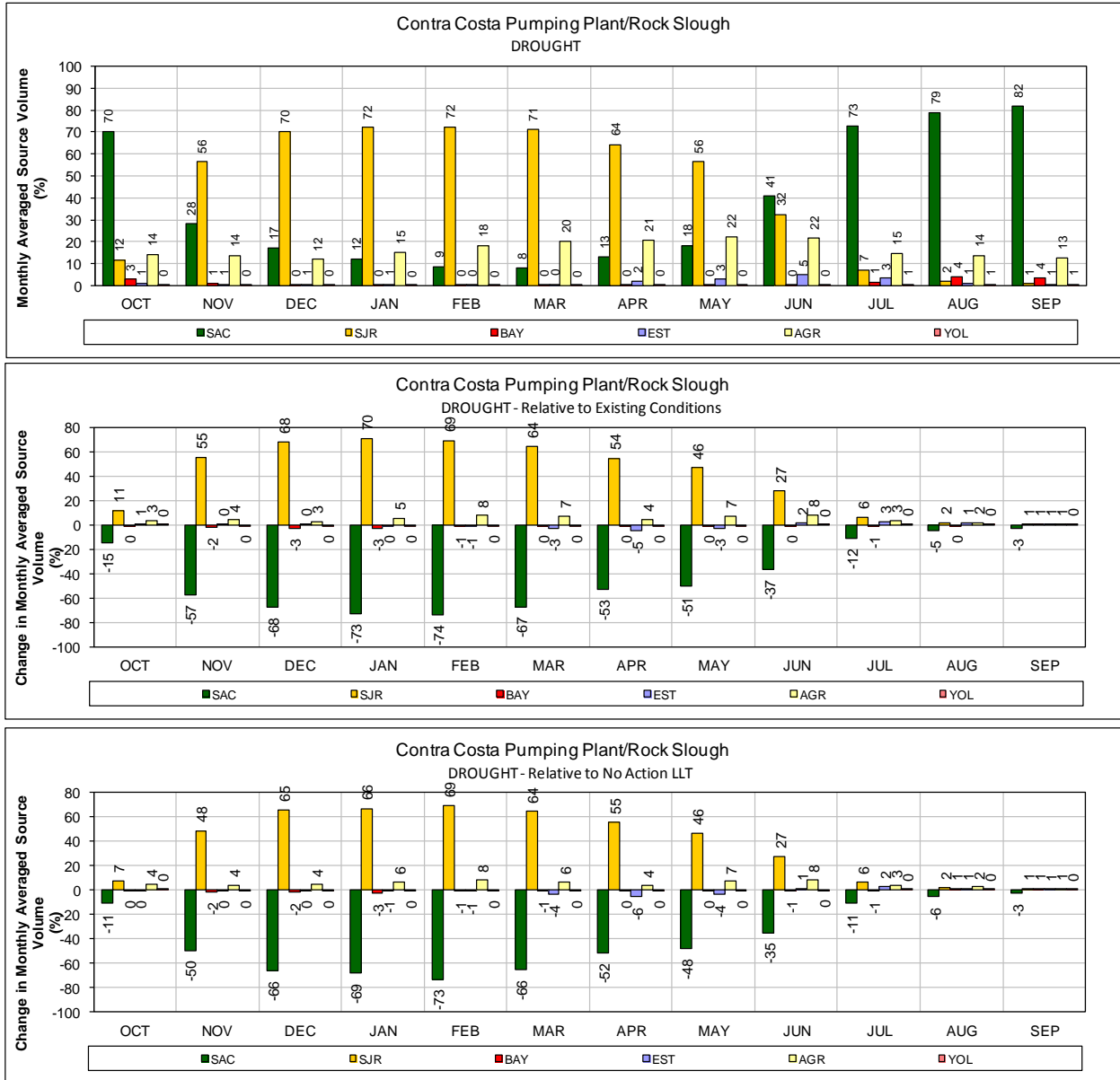
1 **Figure 235. ALT 7 – North Bay Aqueduct at Barker Slough Pumping Plant for ALL years**
 2 **(1976-1991)**
 3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



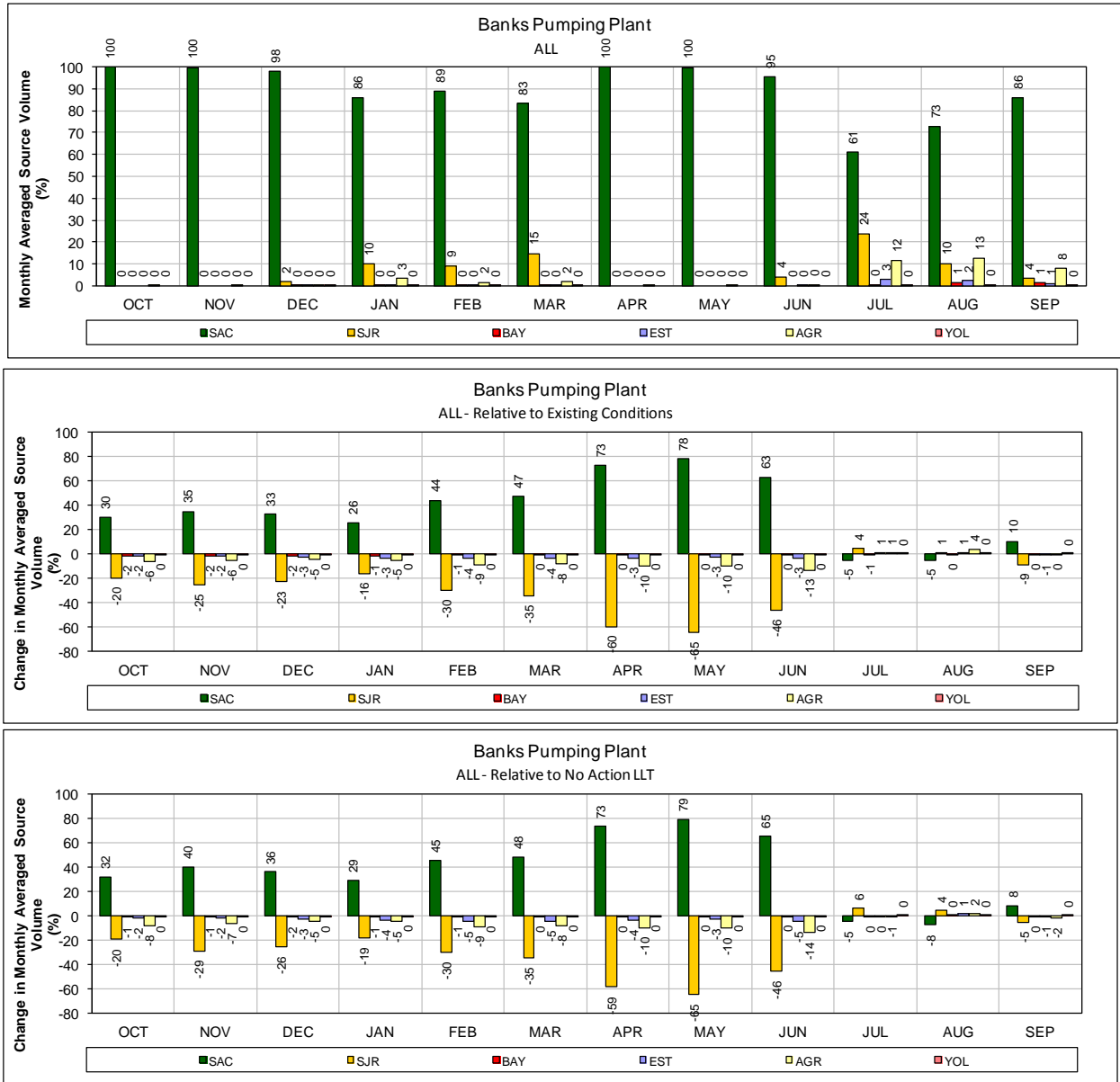
1 **Figure 236. ALT 7 – North Bay Aqueduct at Barker Slough Pumping Plant for DROUGHT**
 2 **years (1987-1991)**
 3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



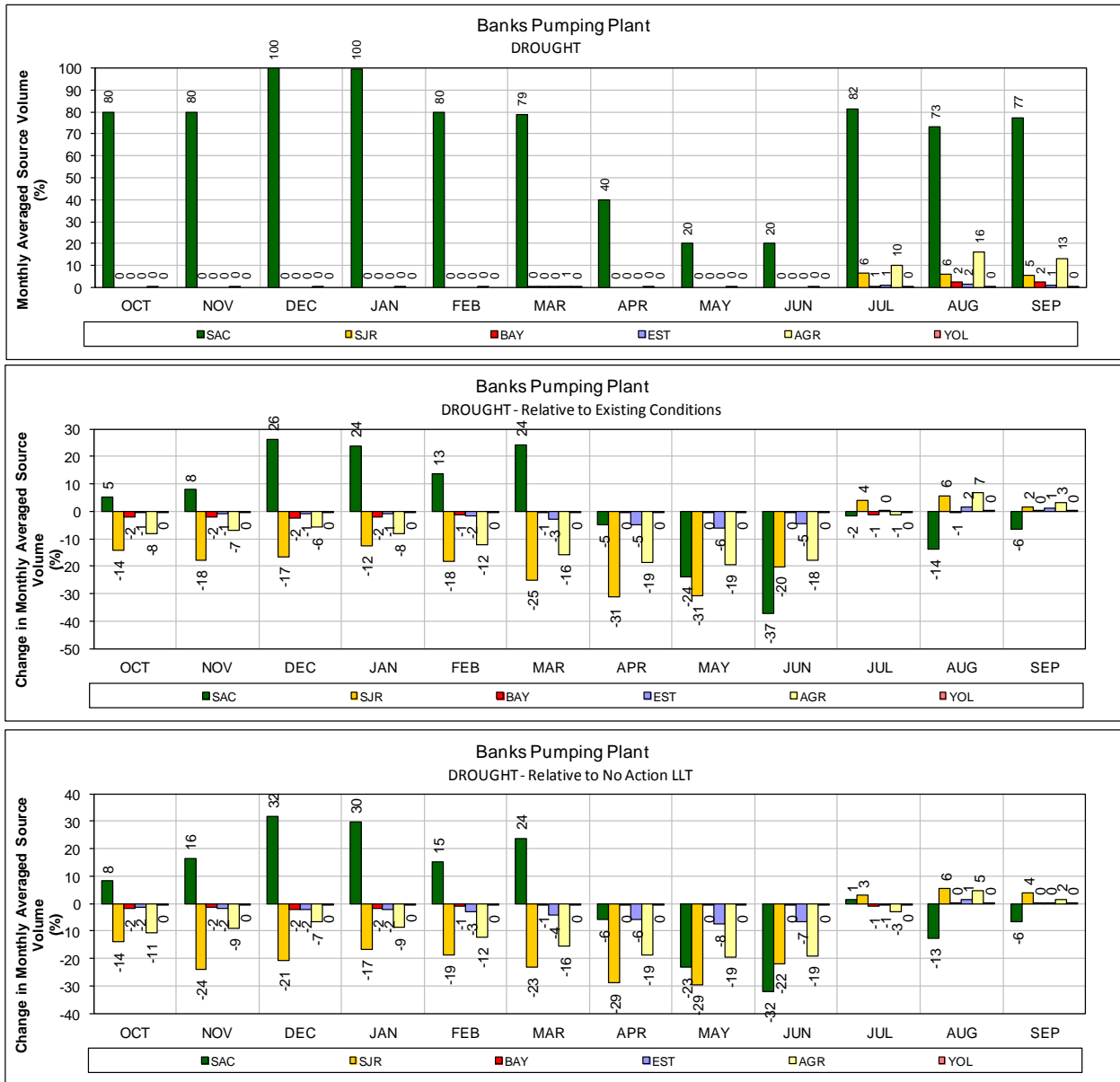
1 **Figure 237. ALT 7 – Contra Costa Pumping Plant #1 for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



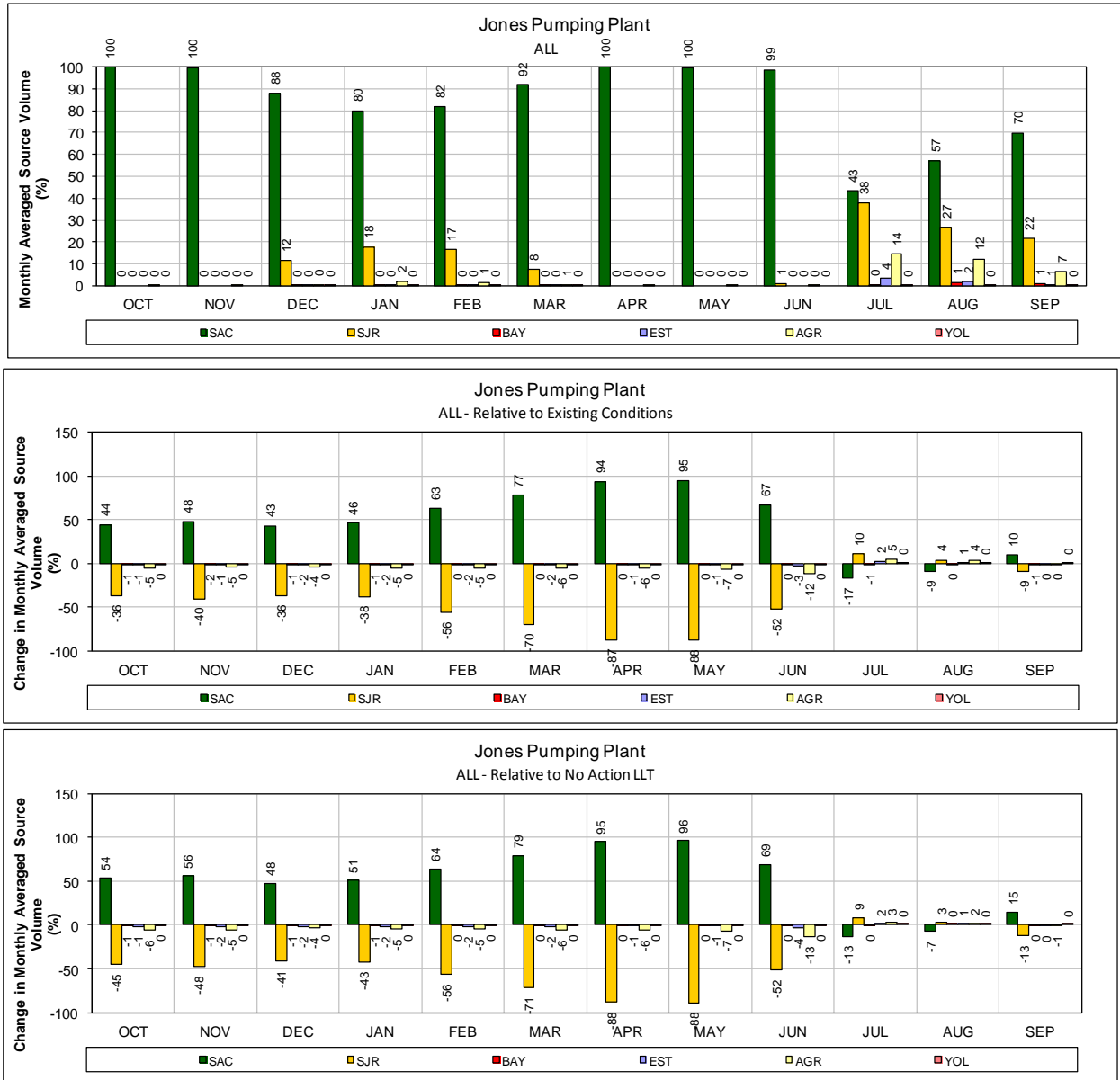
1 **Figure 238. ALT 7 – Contra Costa Pumping Plant #1 for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



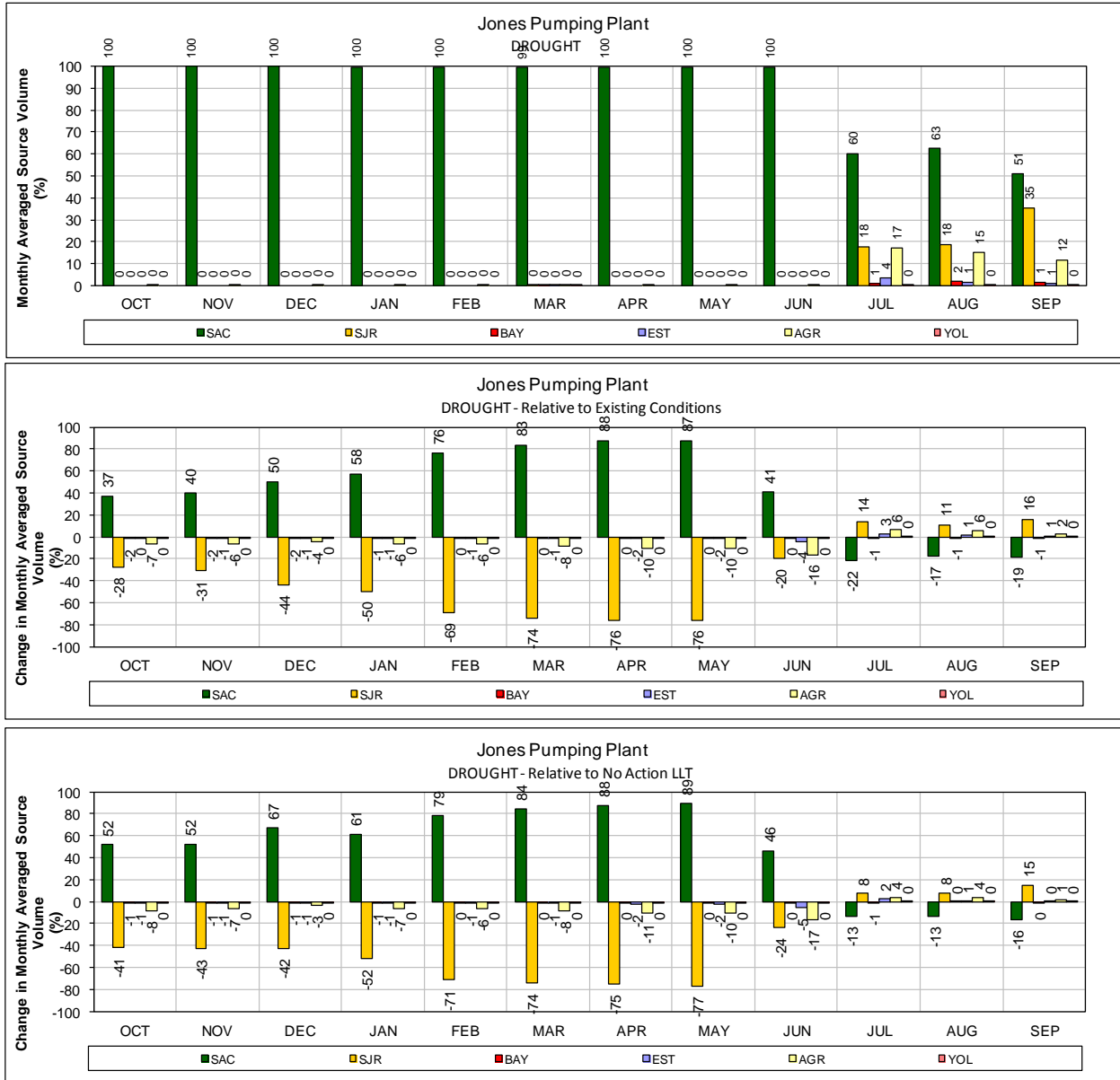
1 **Figure 239. ALT 7 – Banks Pumping Plant for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



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



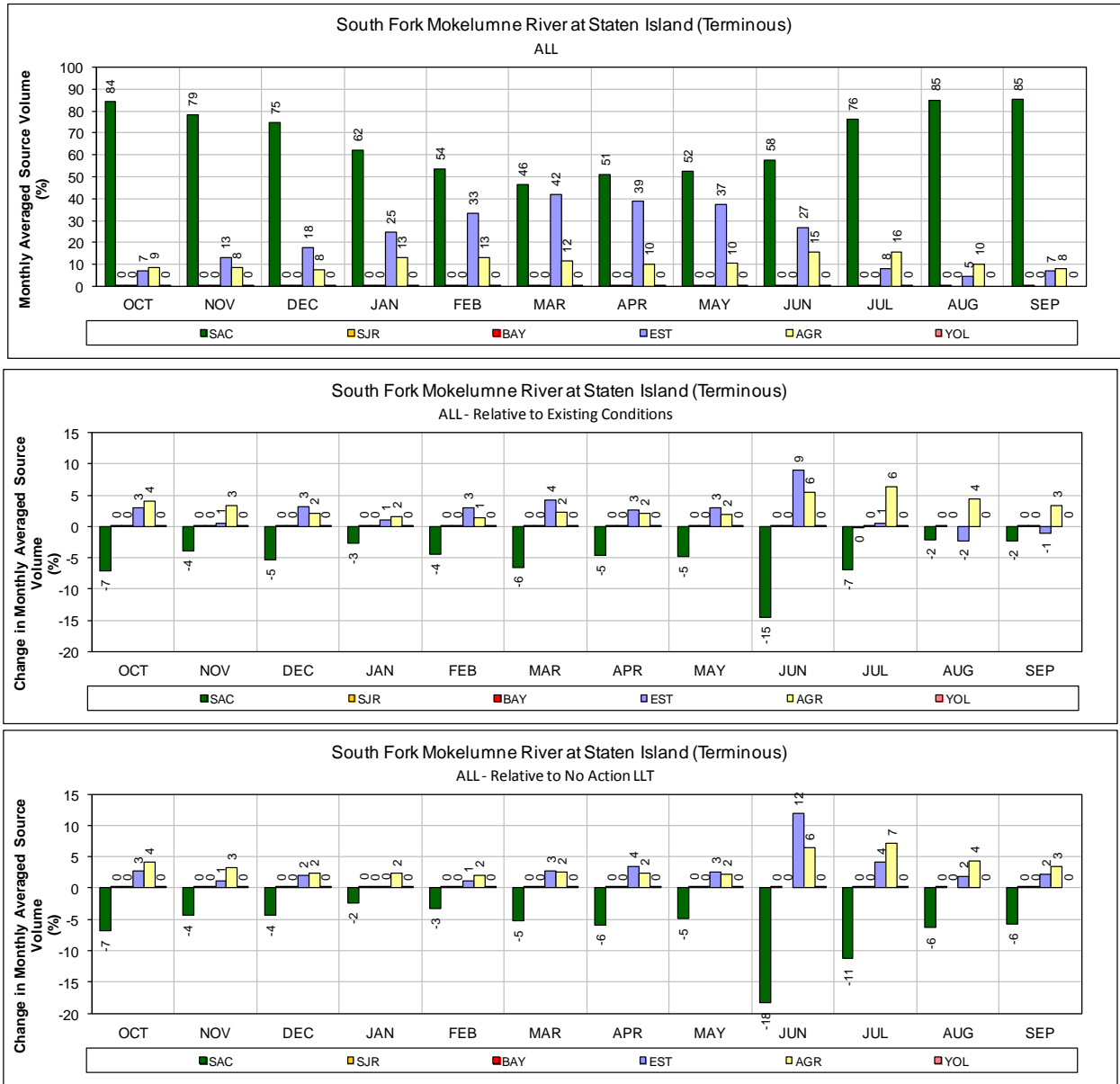
- 1 **Figure 241. ALT 7 – Jones Pumping Plant for ALL years (1976-1991)**
- 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**
- 3



1 **Figure 242. ALT 7 – Jones Pumping Plant for DROUGHT years (1987-1991)**

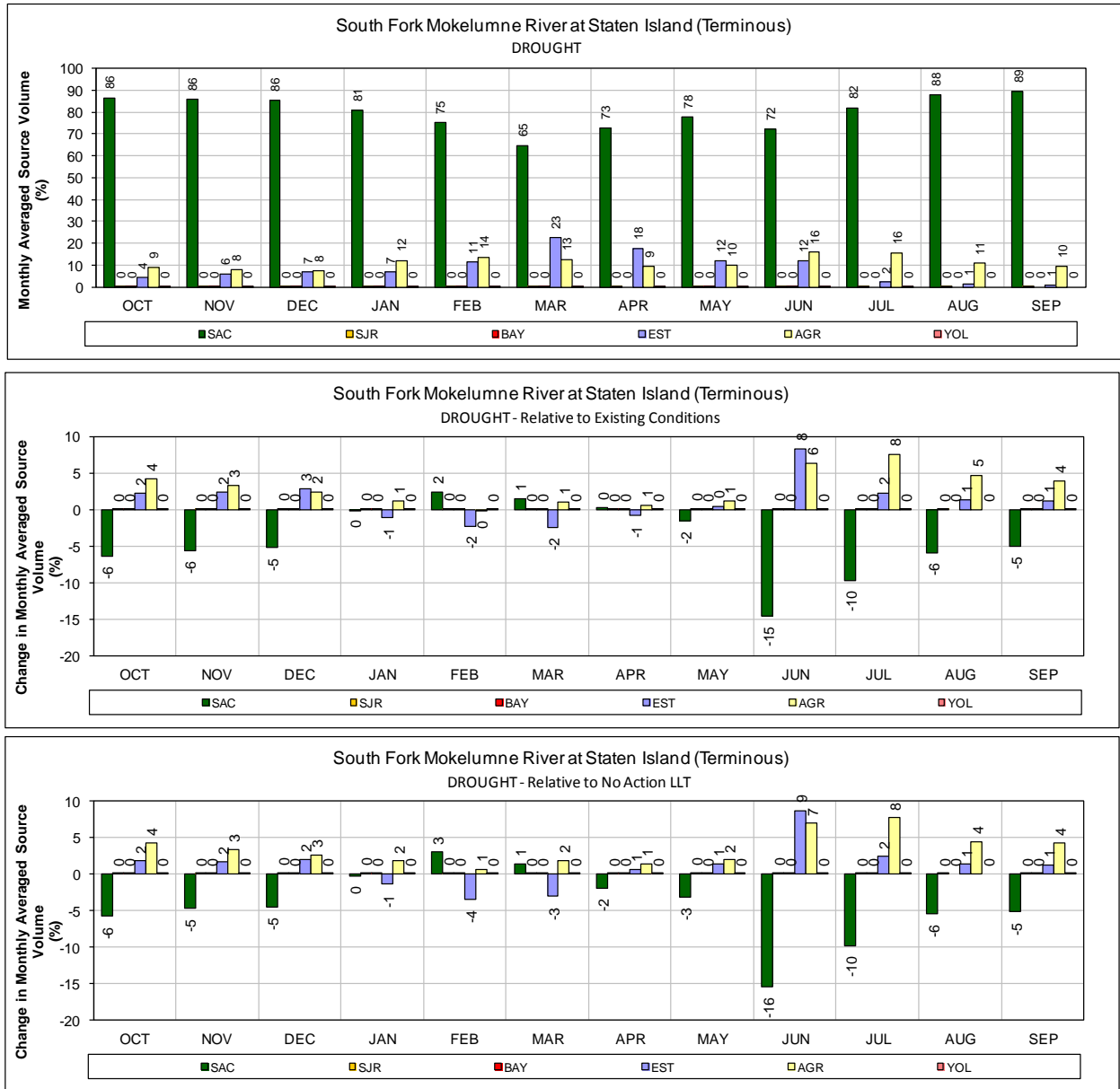
2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**

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



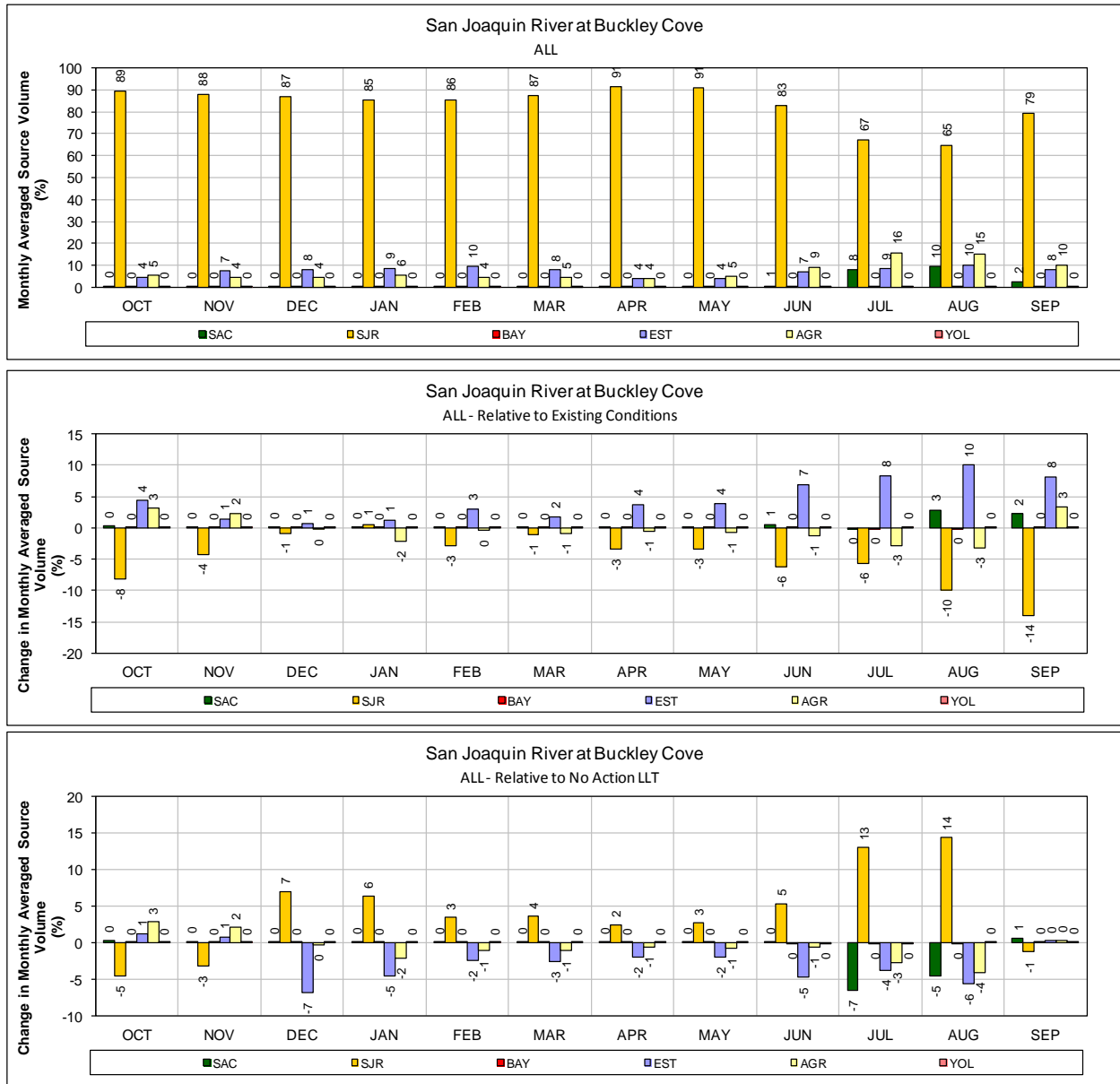
1 **Figure 243. ALT 8 – Mokelumne River (South Fork) at Staten Island for ALL years (1976-**
 2 **1991)**

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).**

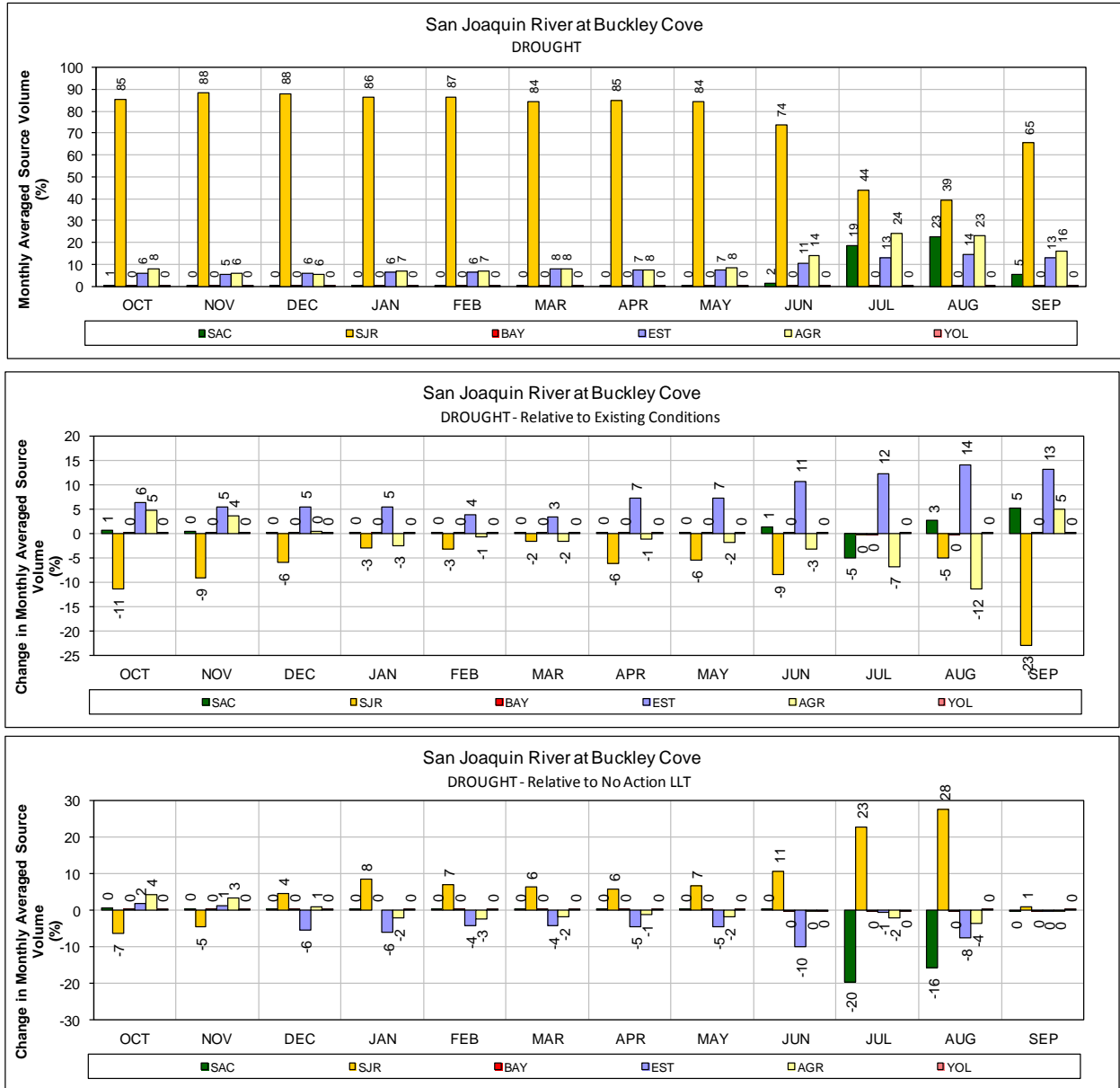


1 **Figure 244. ALT 8 – Mokelumne River (South Fork) at Staten Island for DROUGHT years**
 2 **(1987-1991)**

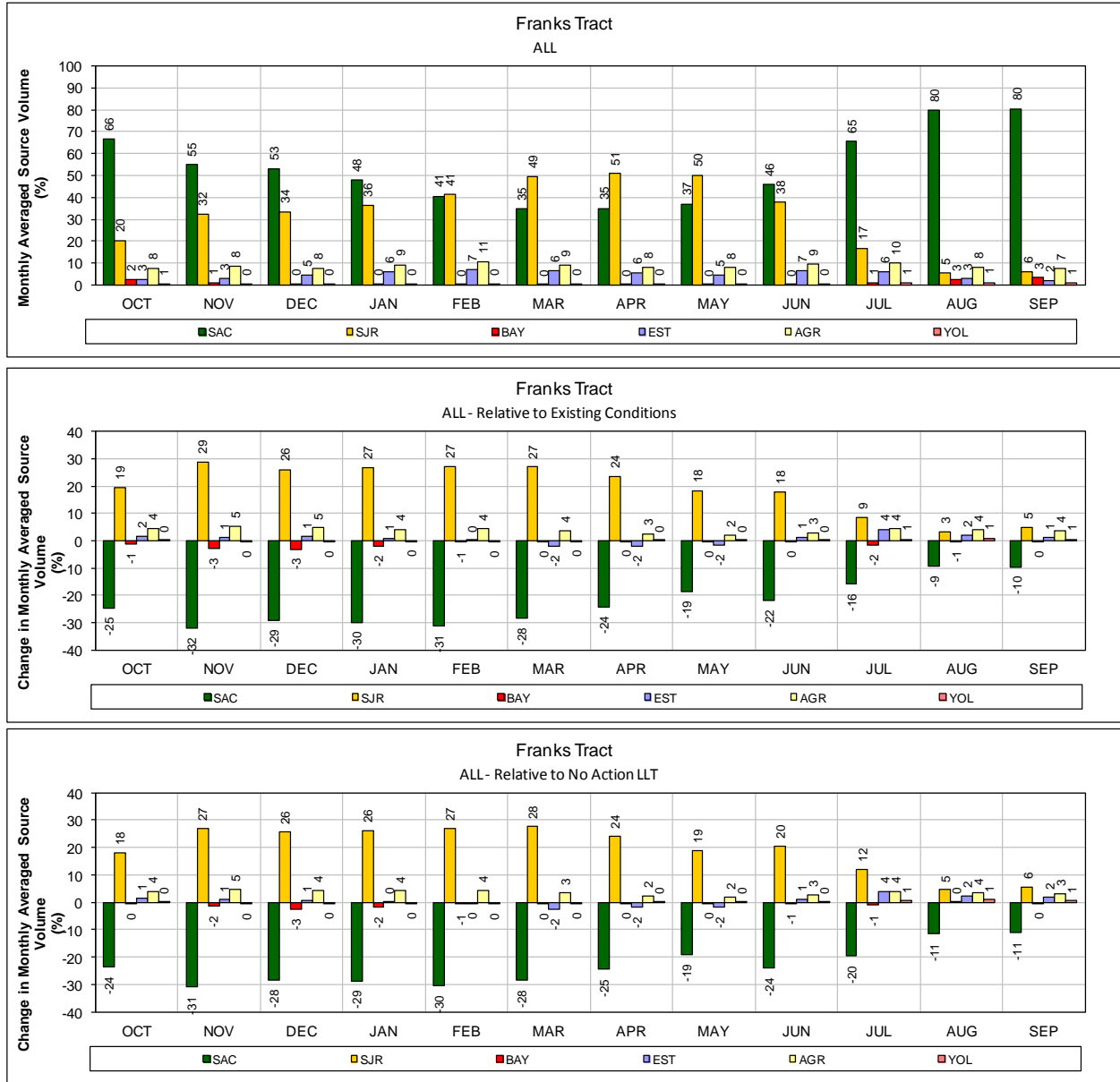
3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



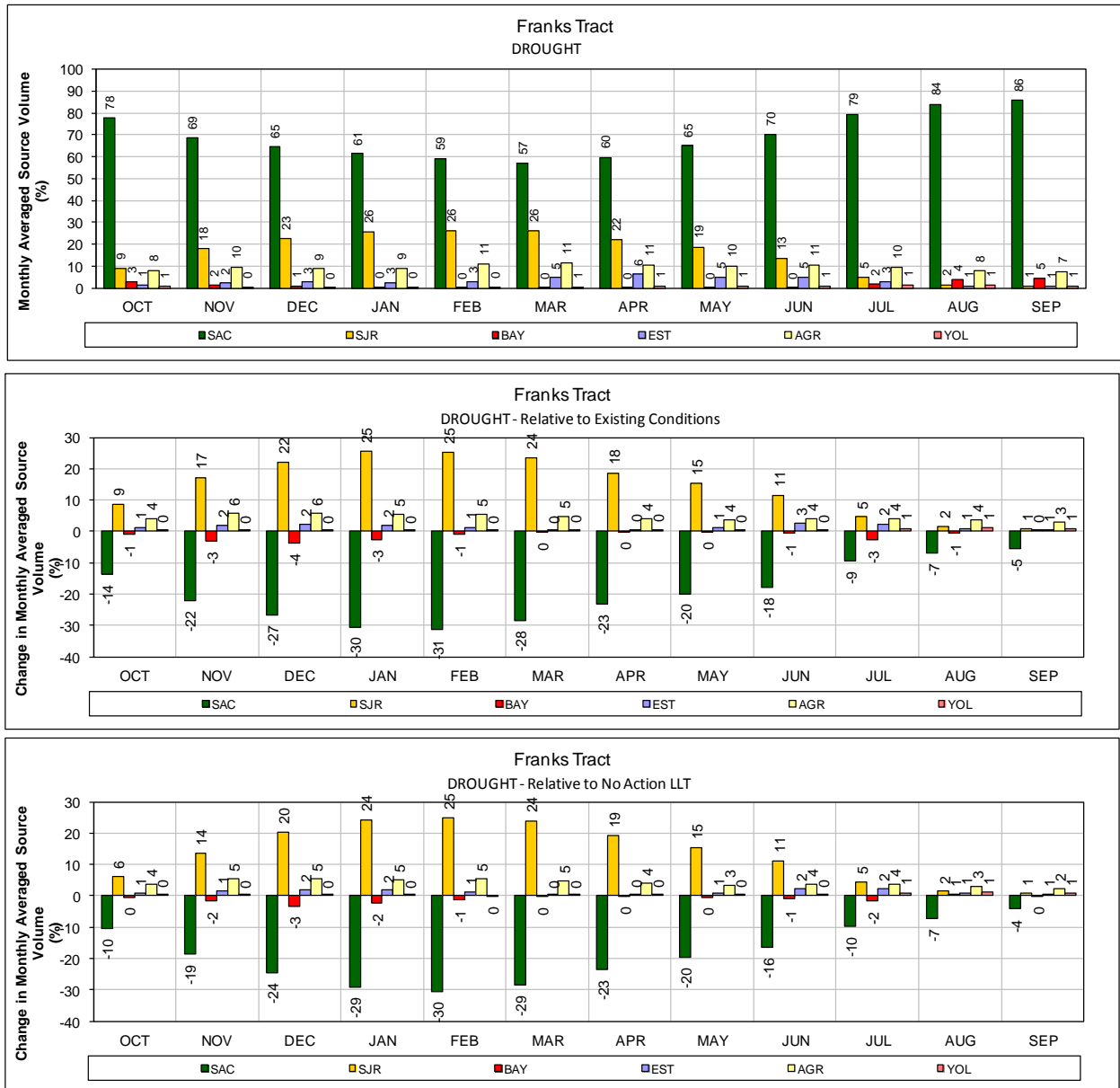
1 **Figure 245. ALT 8 – San Joaquin River at Buckley Cove for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



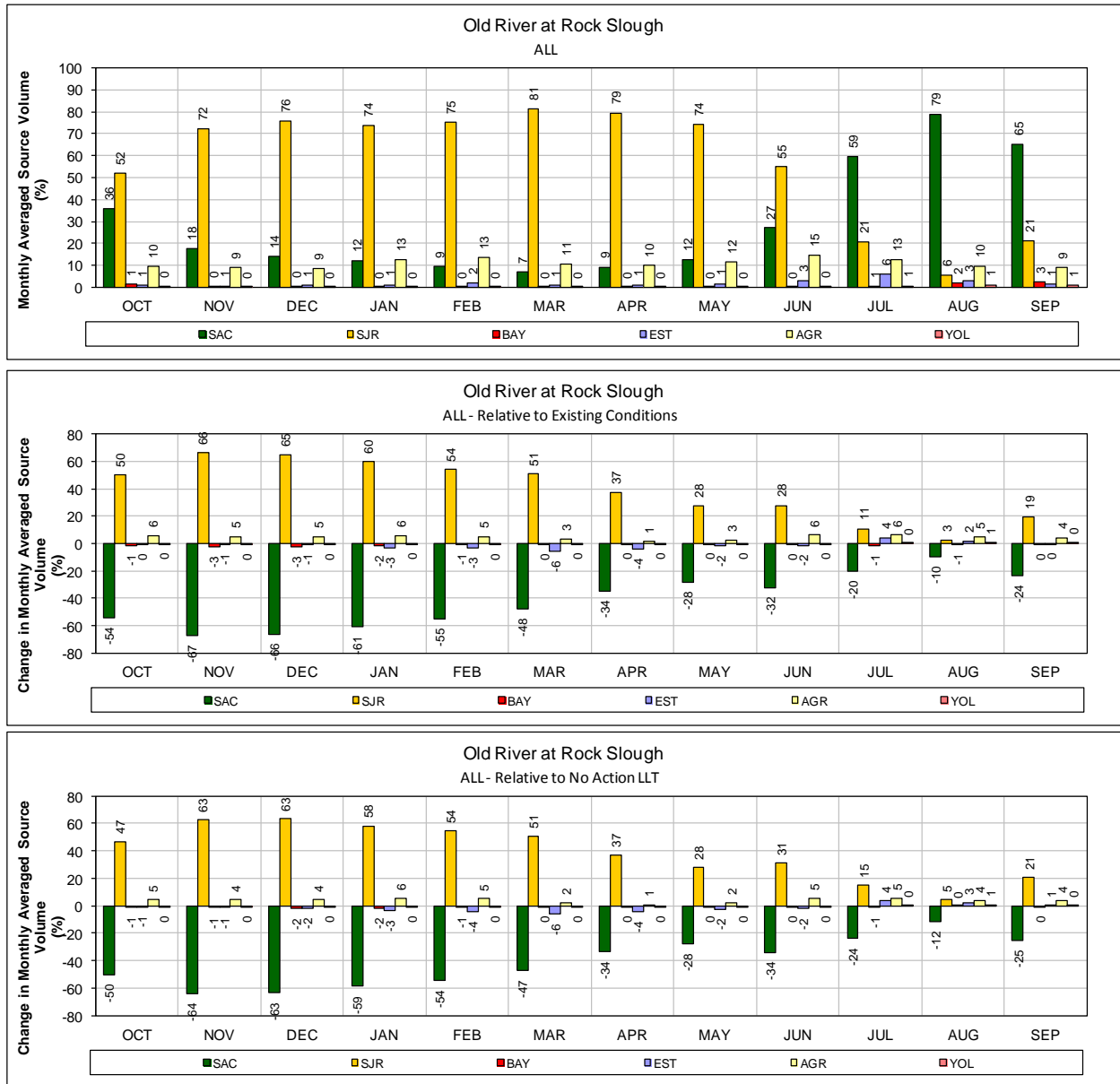
1 **Figure 246. ALT 8 – San Joaquin River at Buckley Cove for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



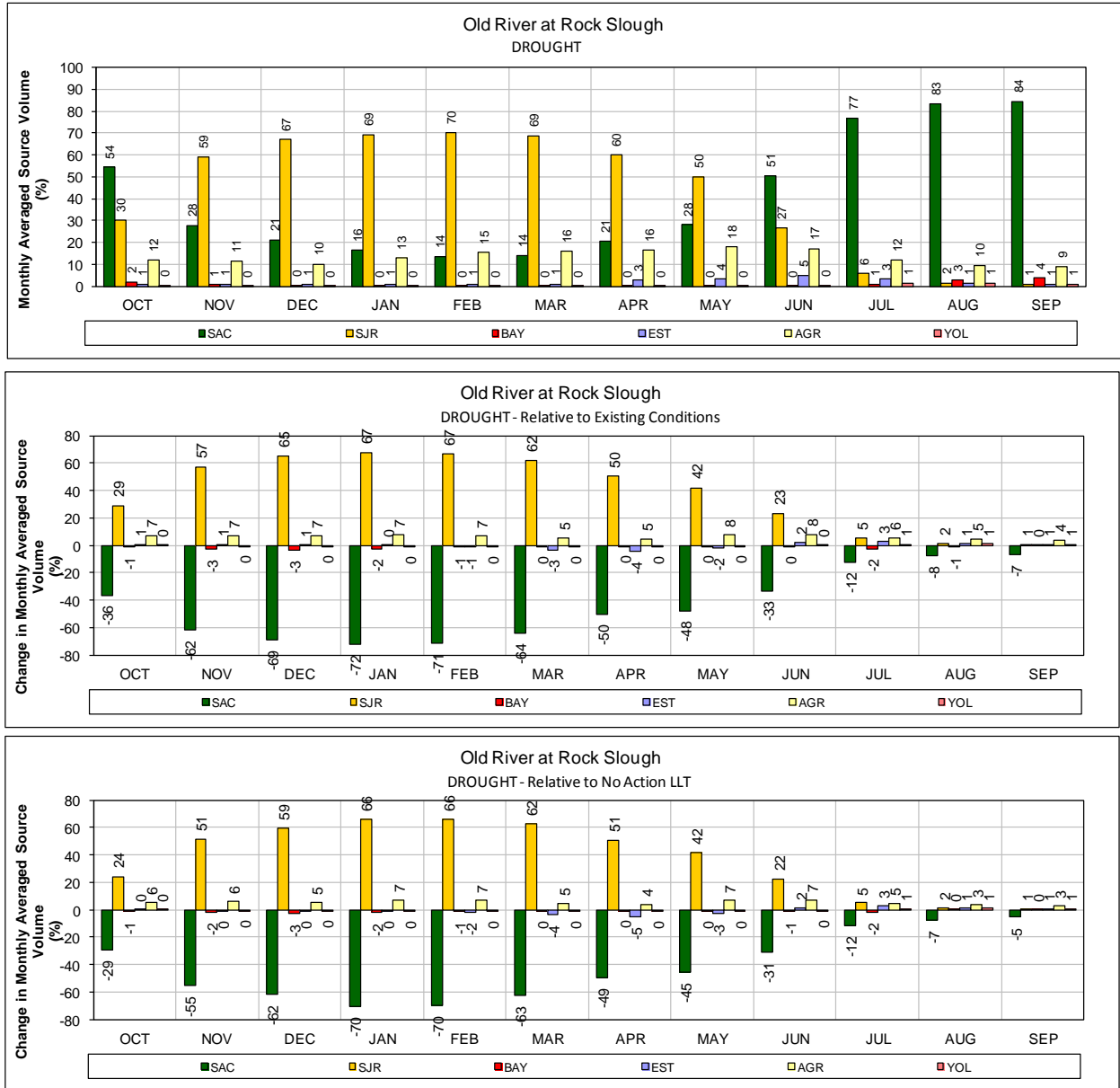
1 **Figure 247. ALT 8 – Franks Tract for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



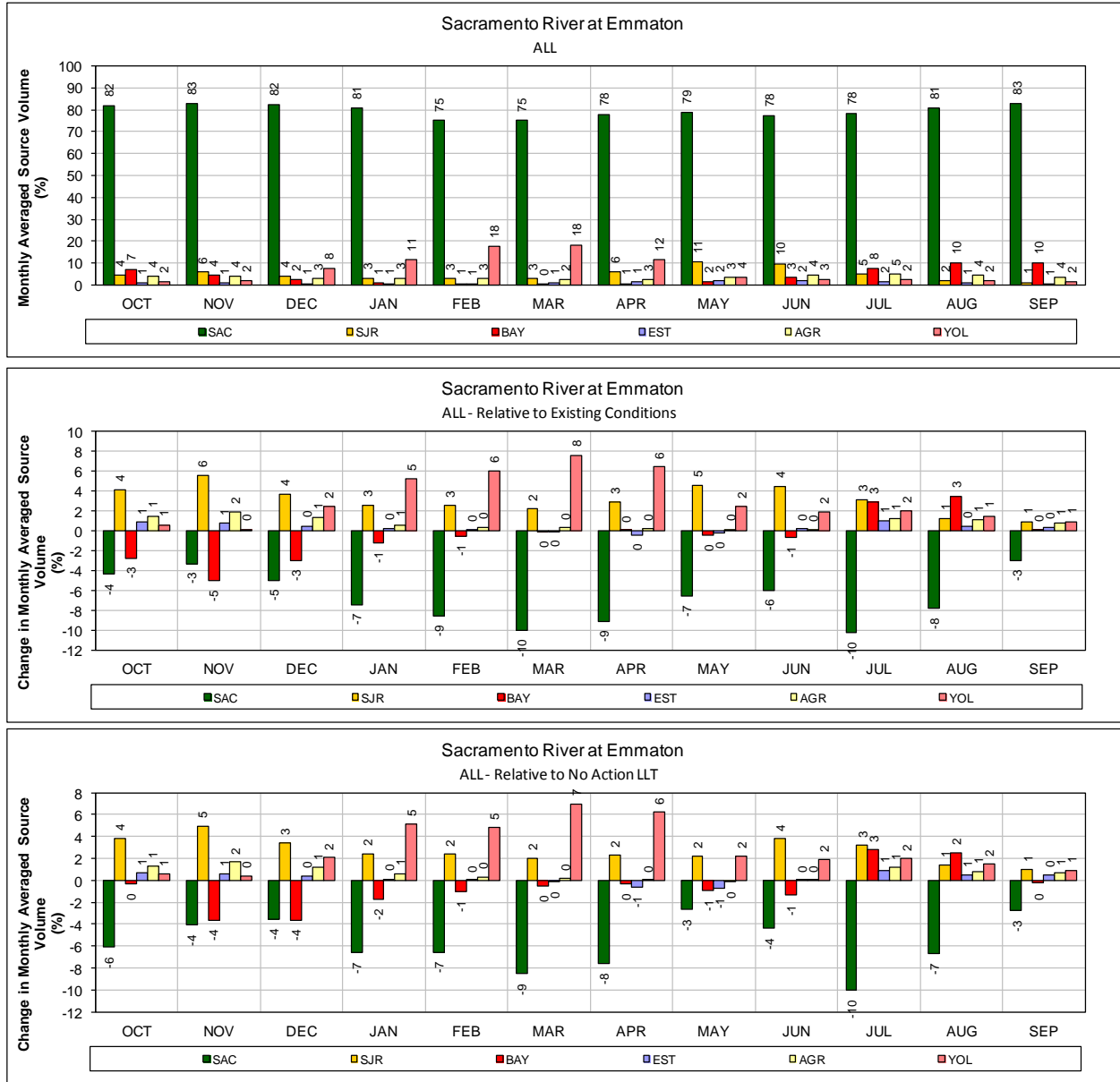
1 **Figure 248. ALT 8 – Franks Tract for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



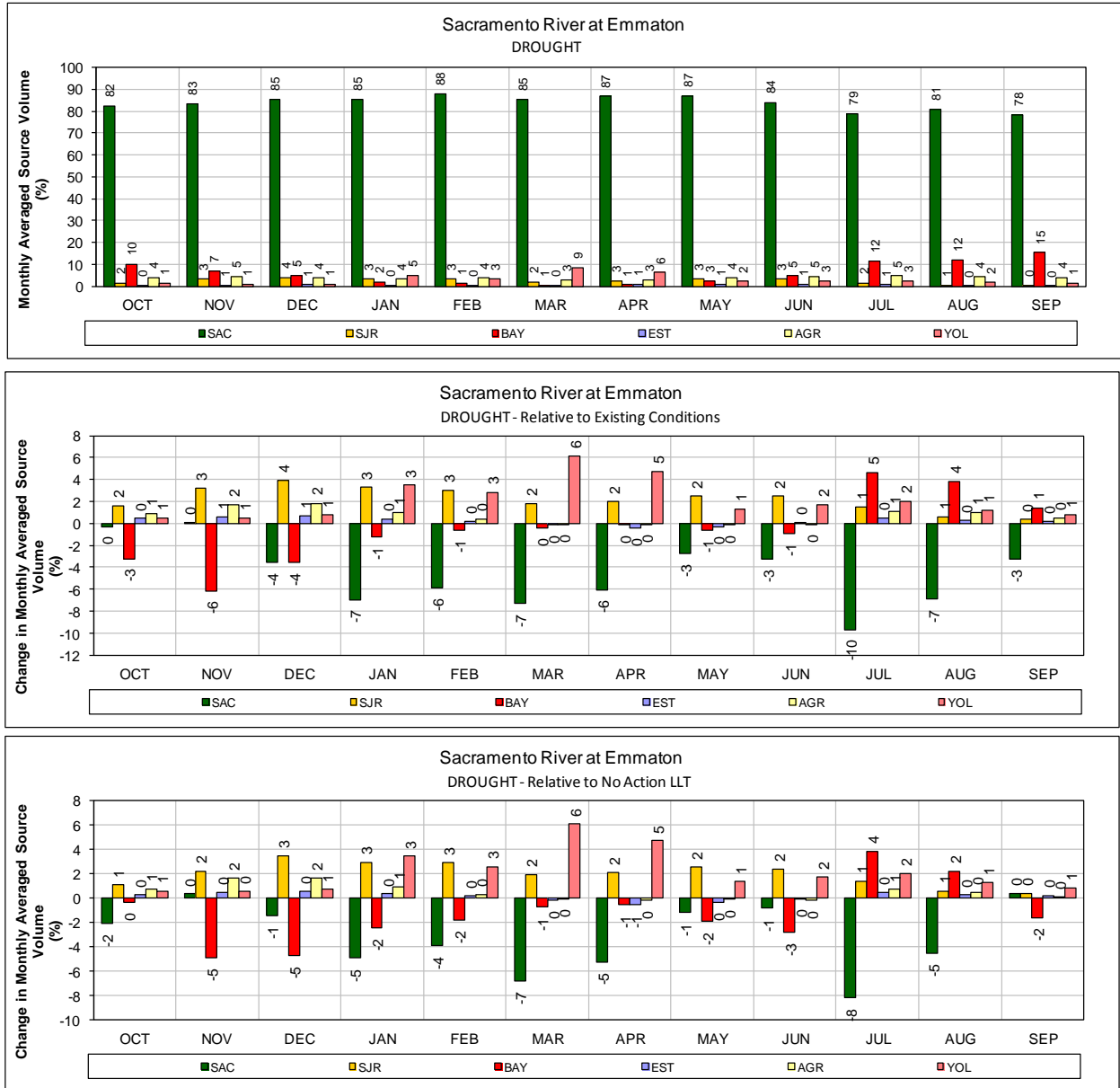
1 **Figure 249. ALT 8 – Old River at Rock Slough for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



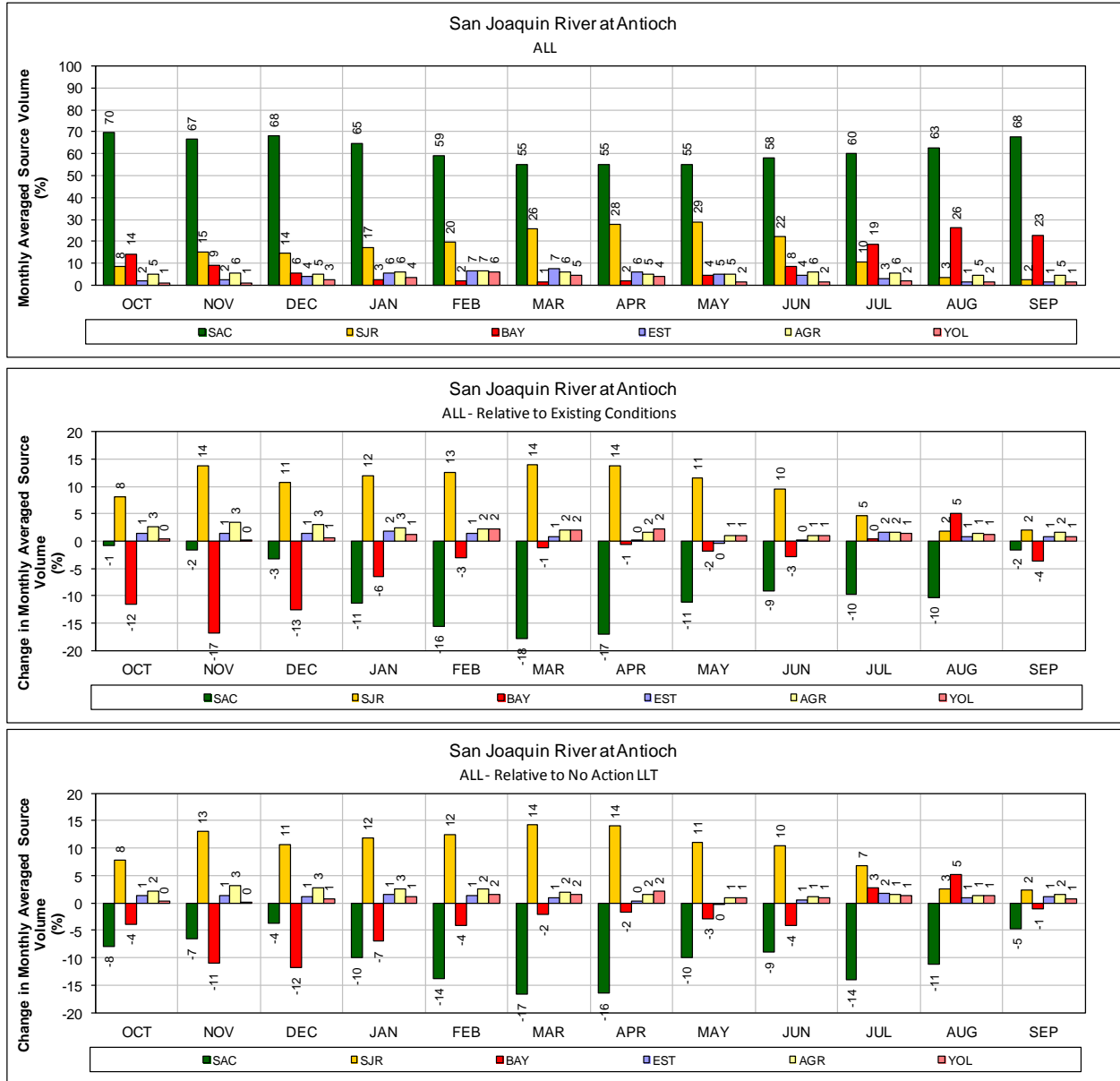
1 **Figure 250. ALT 8 – Old River at Rock Slough for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



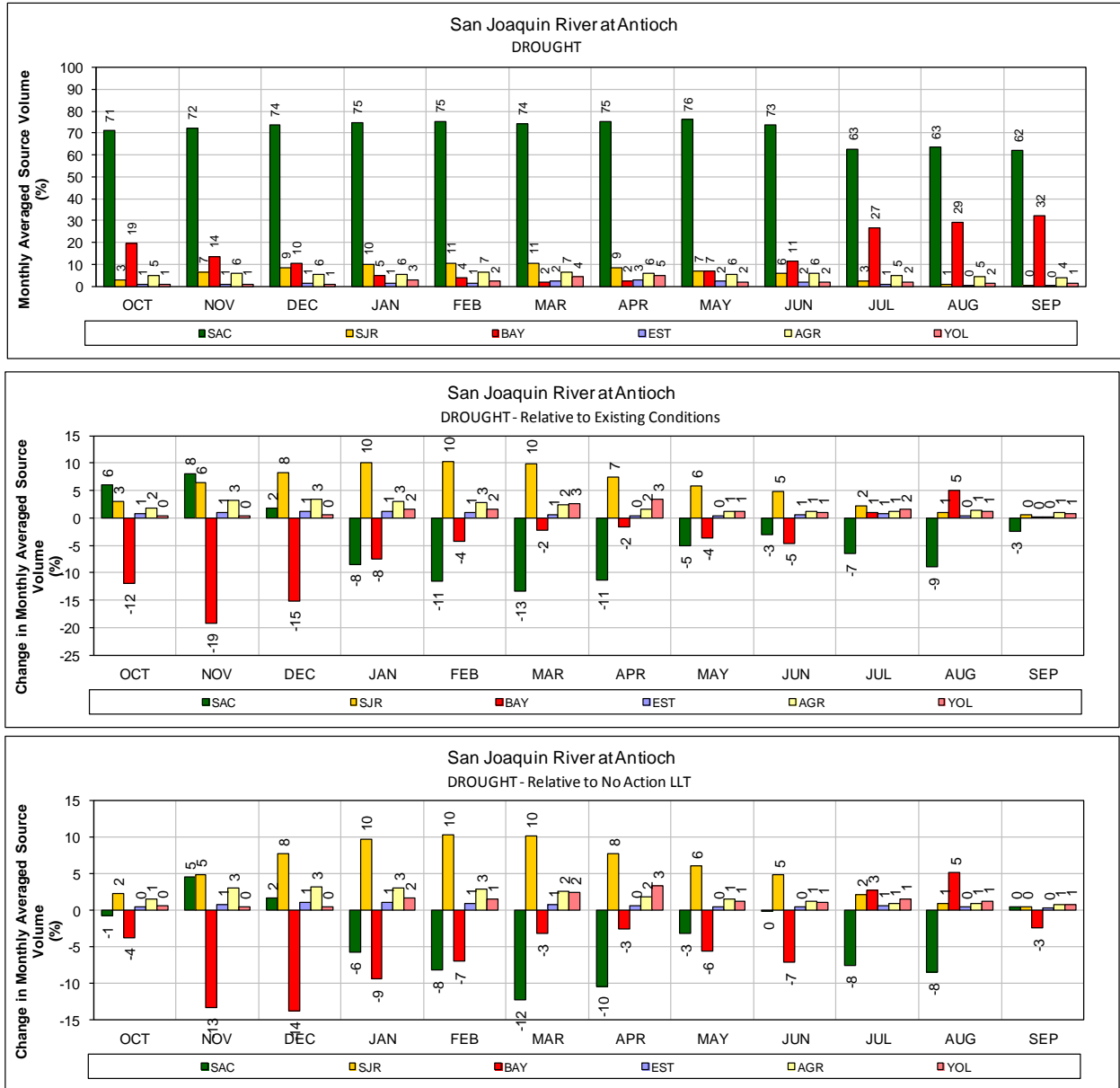
1 **Figure 251. ALT 8 – Sacramento River at Emmaton for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



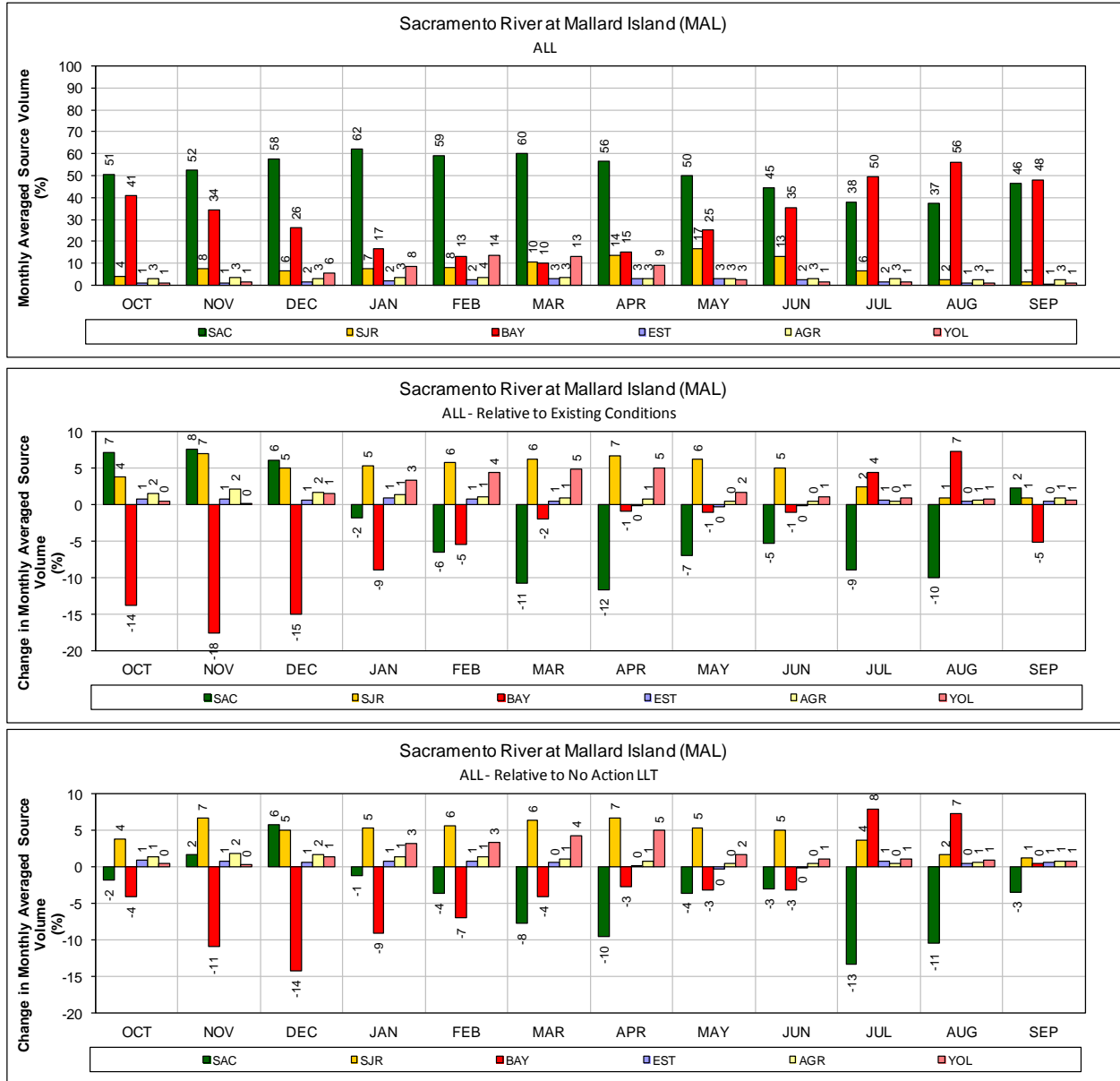
1 **Figure 252. ALT 8 – Sacramento River at Emmaton for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



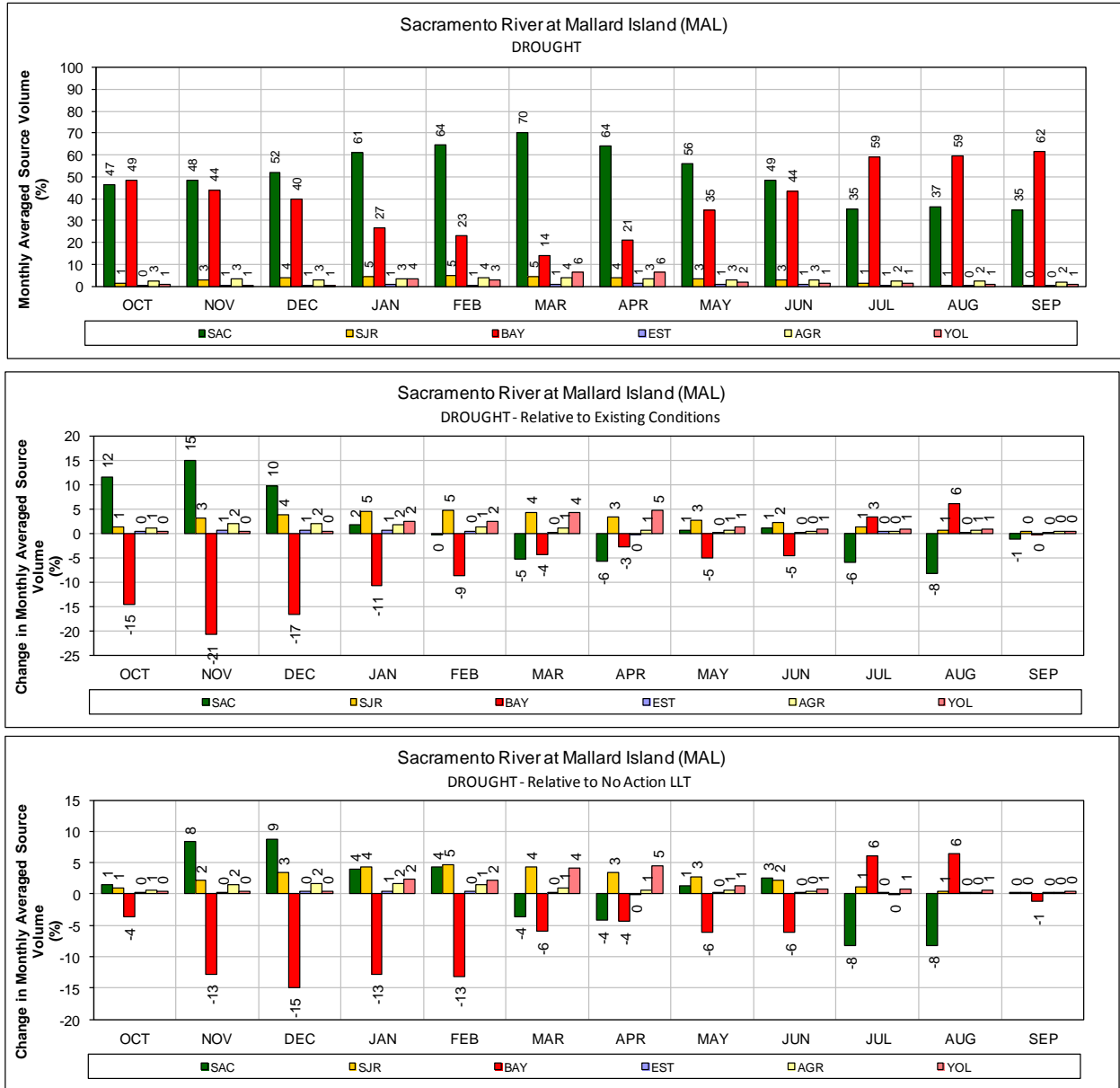
1 **Figure 253. ALT 8 – San Joaquin River at Antioch for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



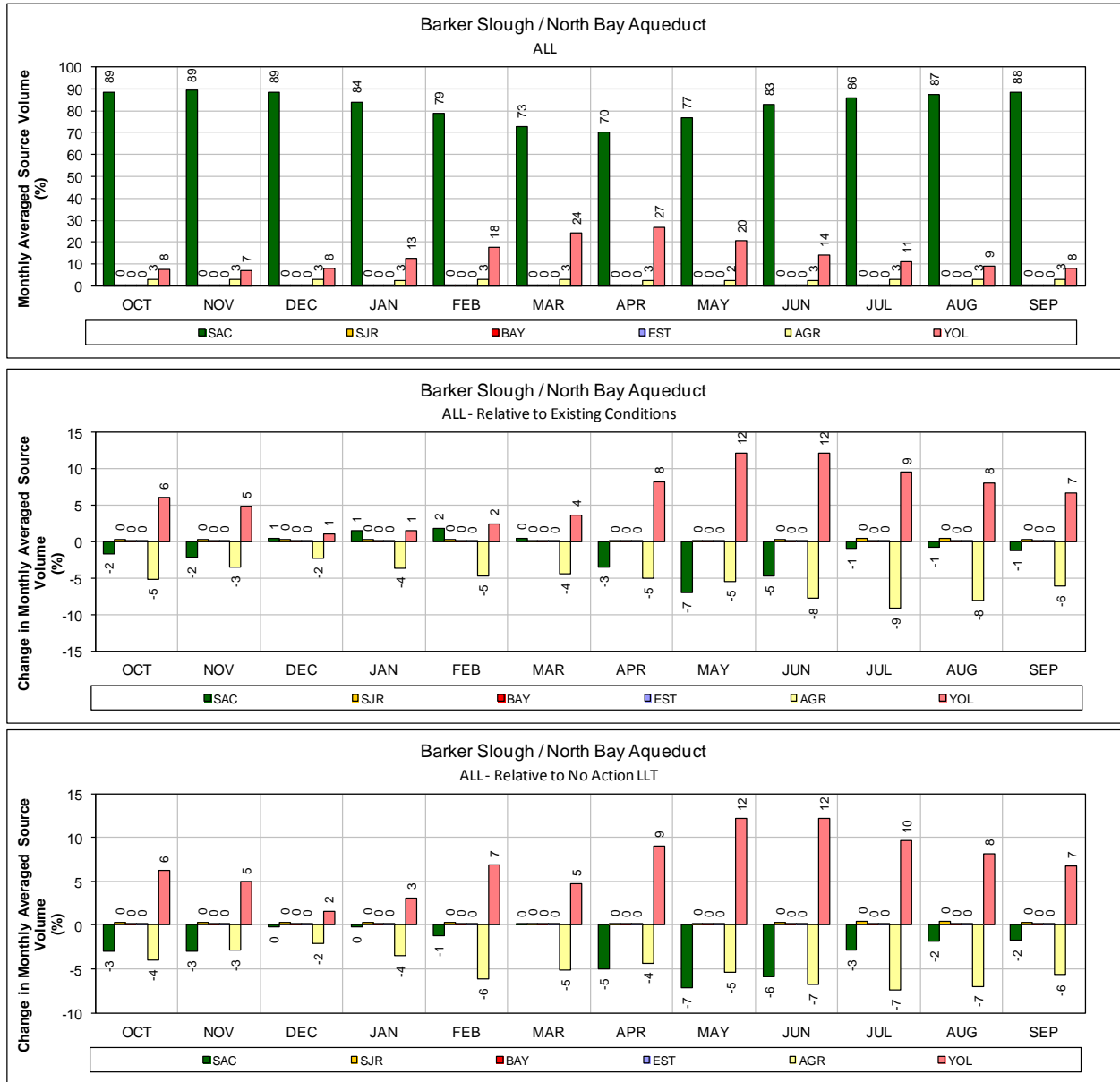
1 **Figure 254. ALT 8 – San Joaquin River at Antioch for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



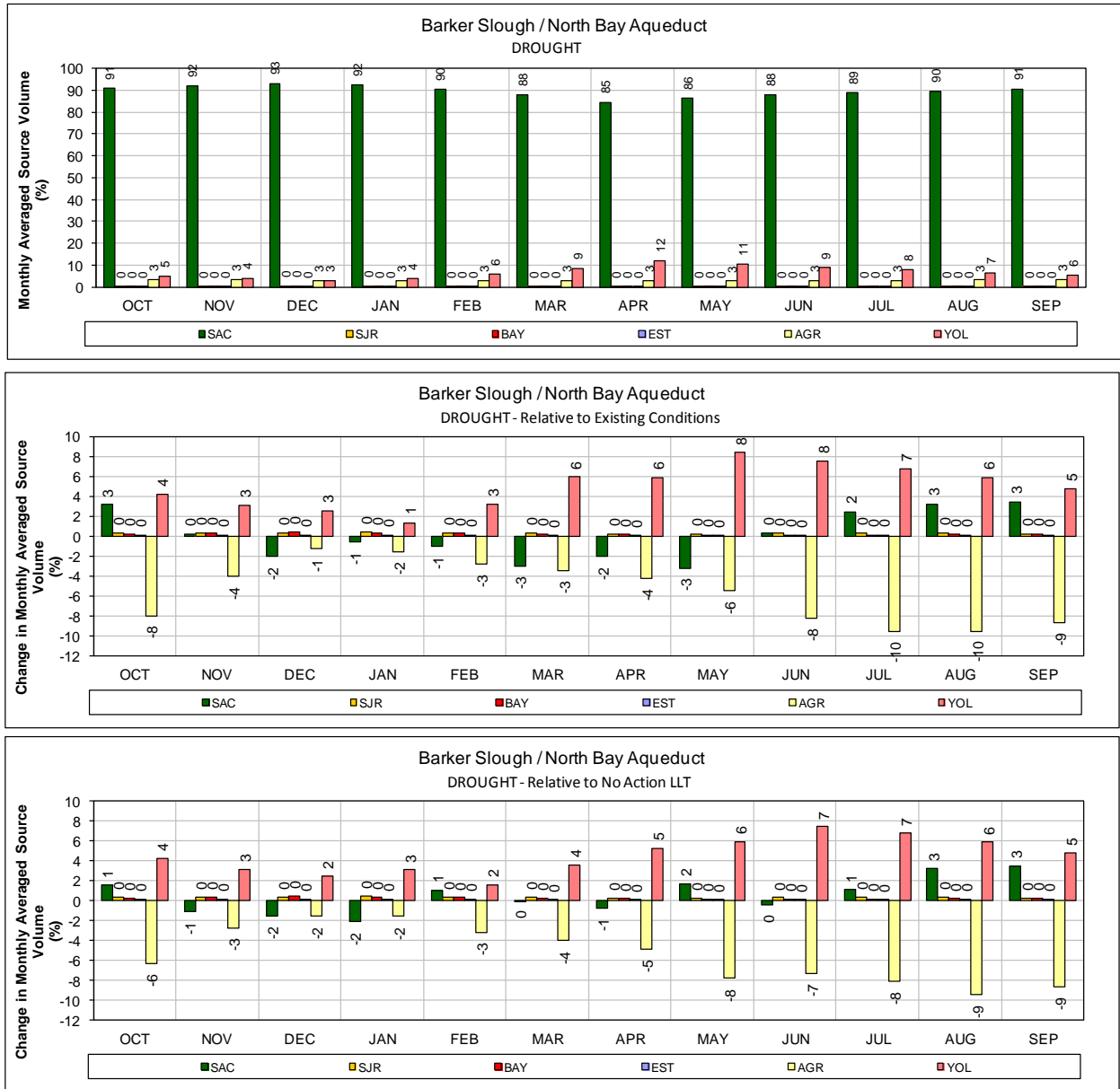
1 **Figure 255. ALT 8 – Sacramento River at Mallard Island for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



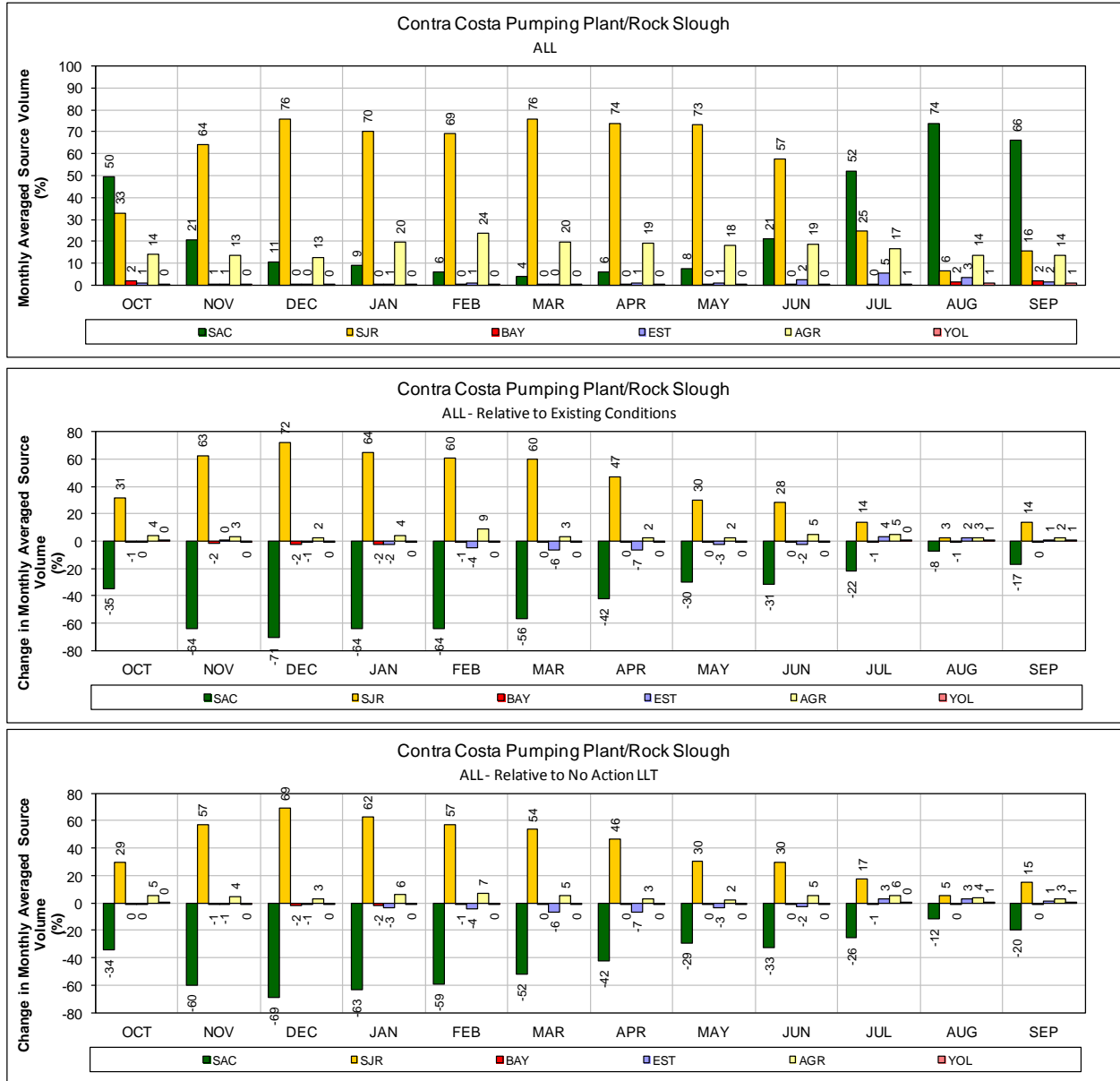
1 **Figure 256. ALT 8 – Sacramento River at Mallard Island for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



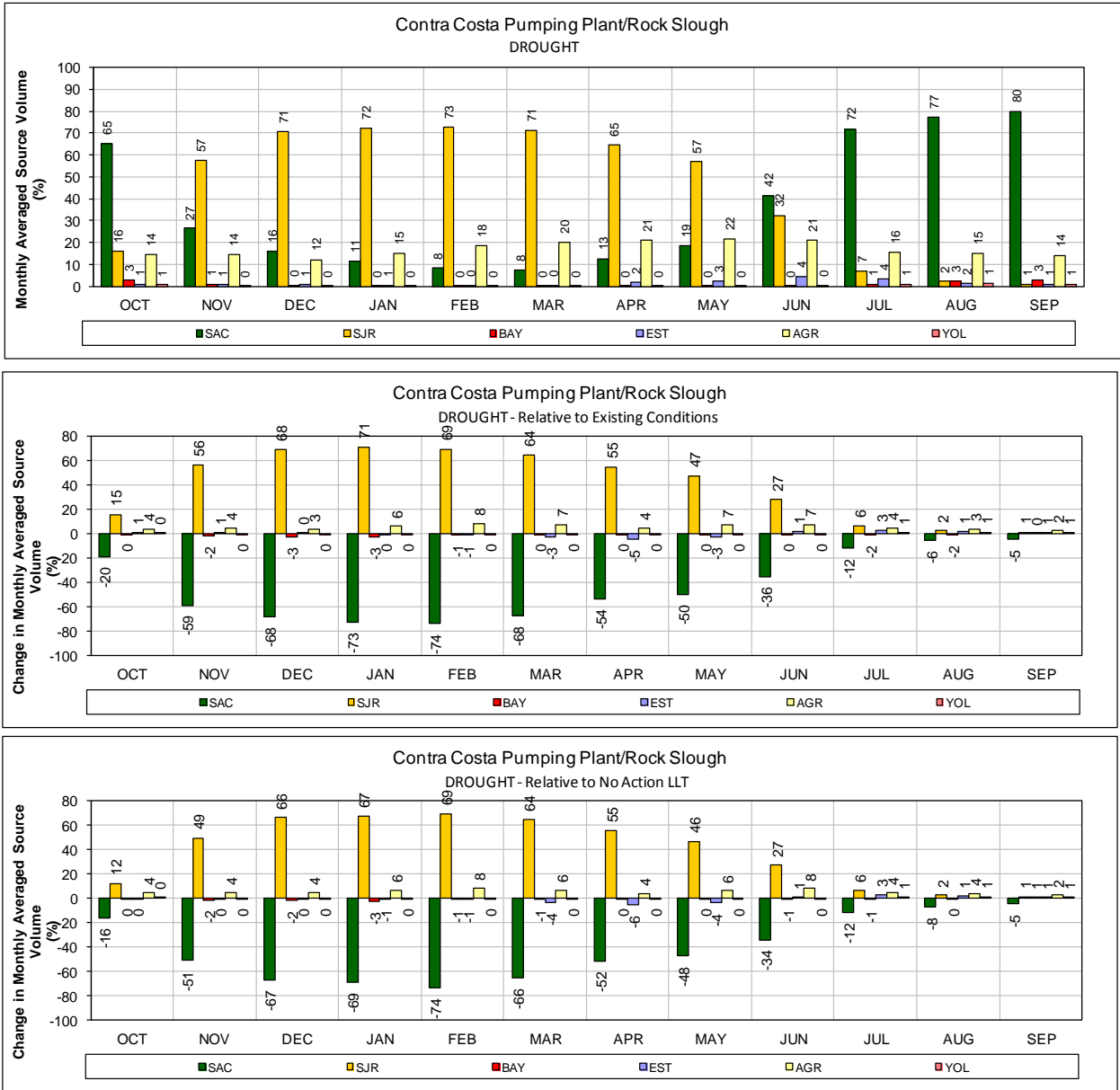
1 **Figure 257. ALT 8 – North Bay Aqueduct at Barker Slough Pumping Plant for ALL years**
 2 **(1976-1991)**
 3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



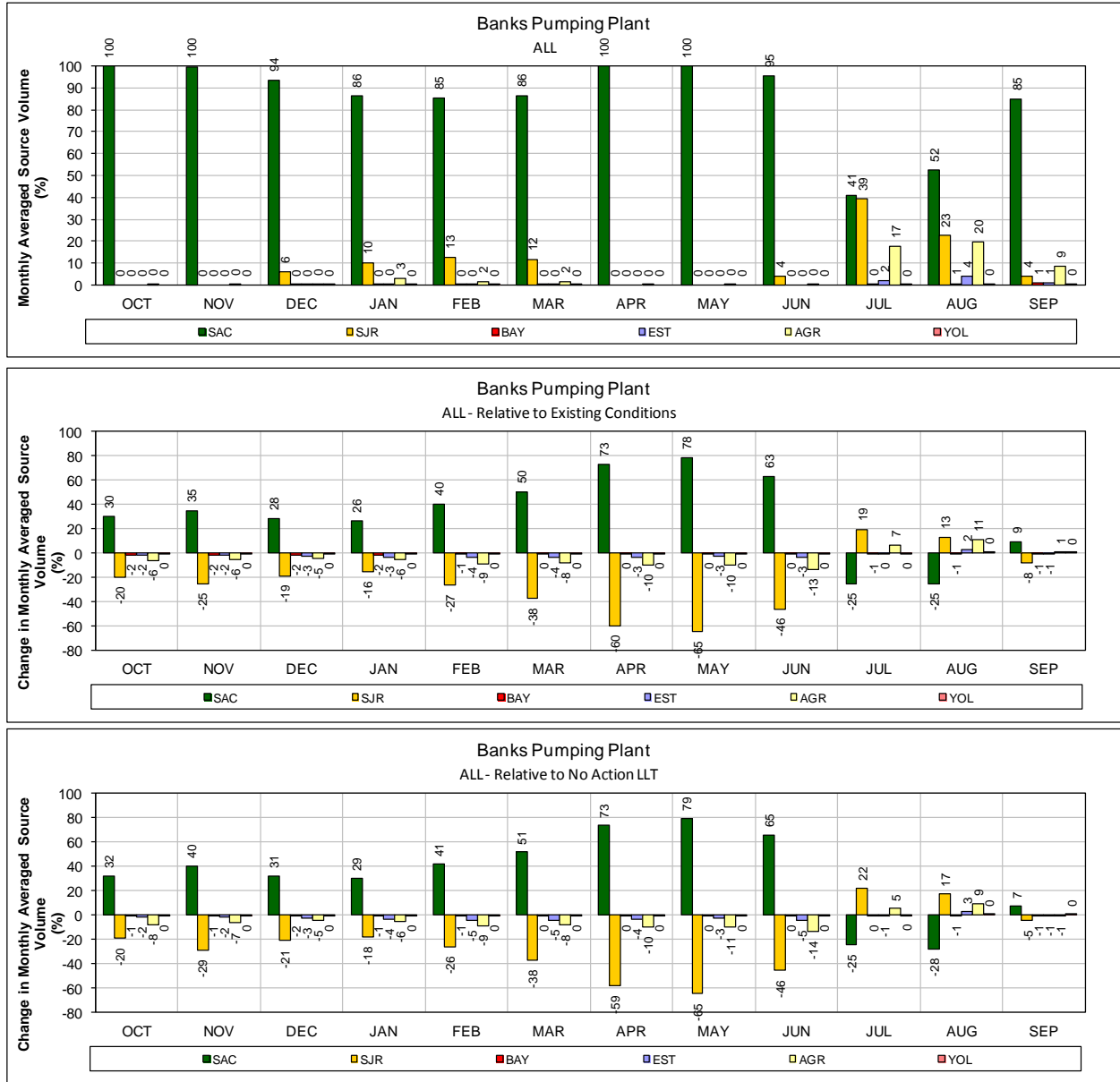
1 **Figure 258. ALT 8 – North Bay Aqueduct at Barker Slough Pumping Plant for DROUGHT**
 2 **years (1987-1991)**
 3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



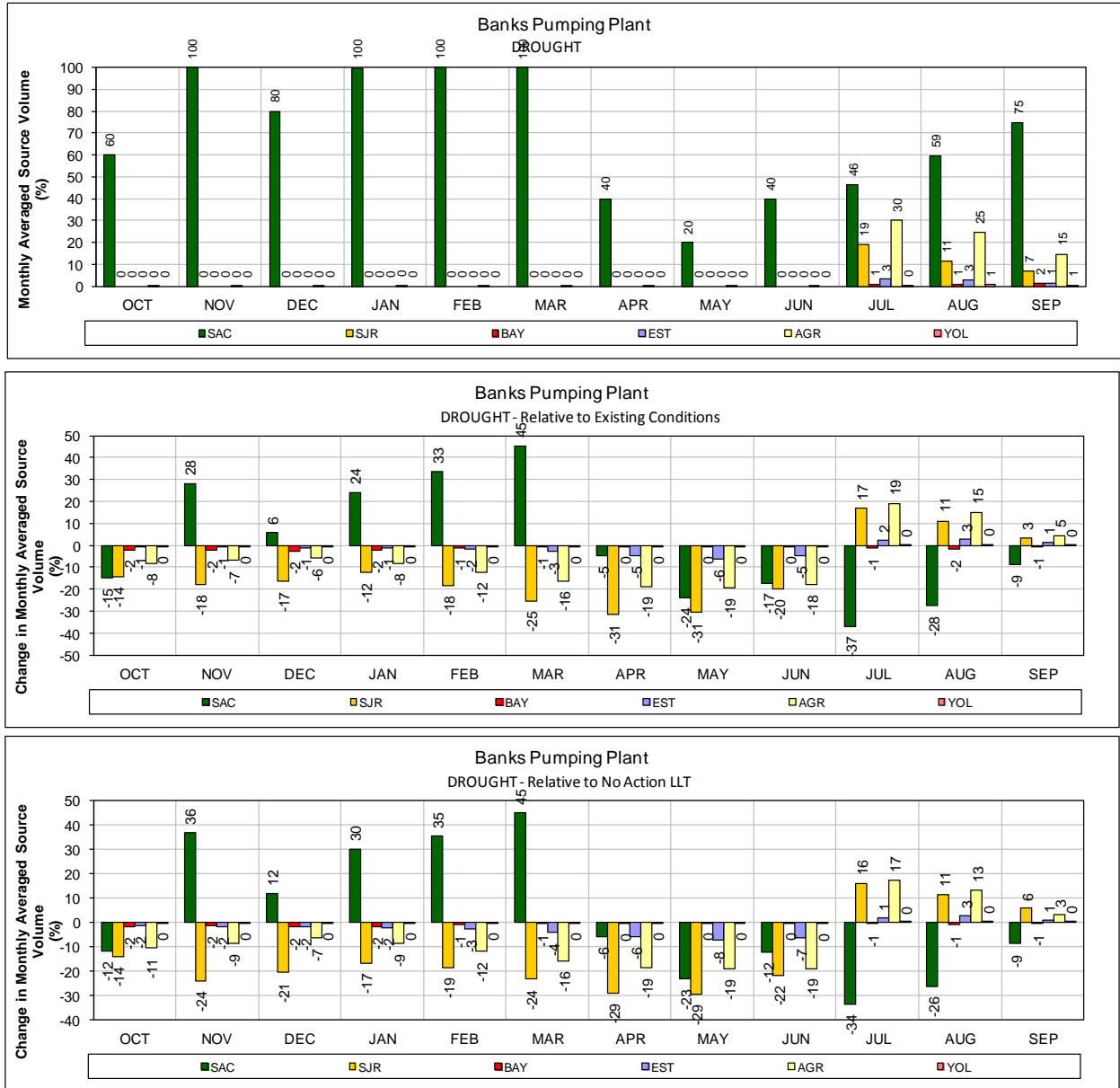
1 **Figure 259. ALT 8 – Contra Costa Pumping Plant #1 for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



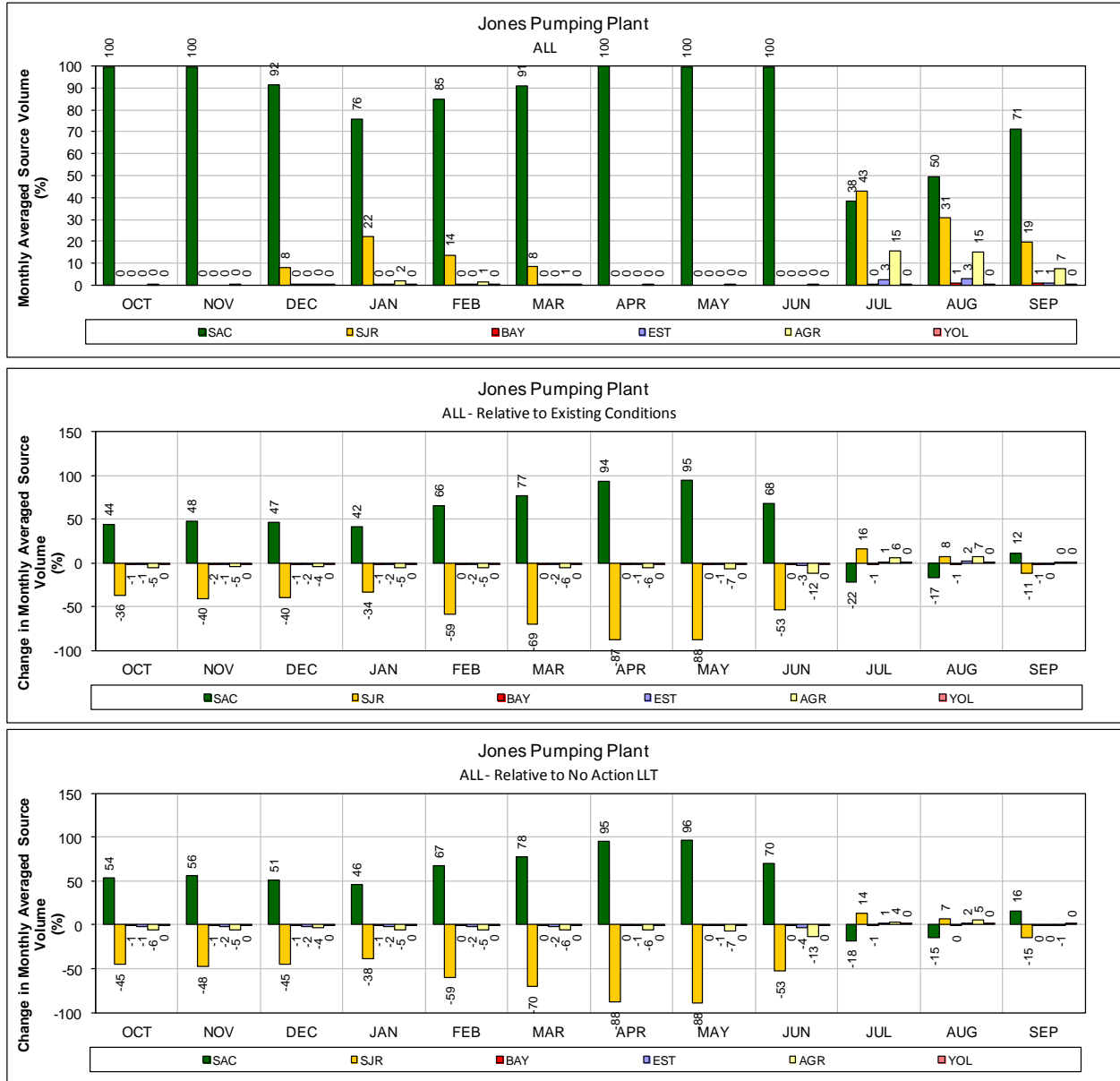
1 **Figure 260. ALT 8 – Contra Costa Pumping Plant #1 for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



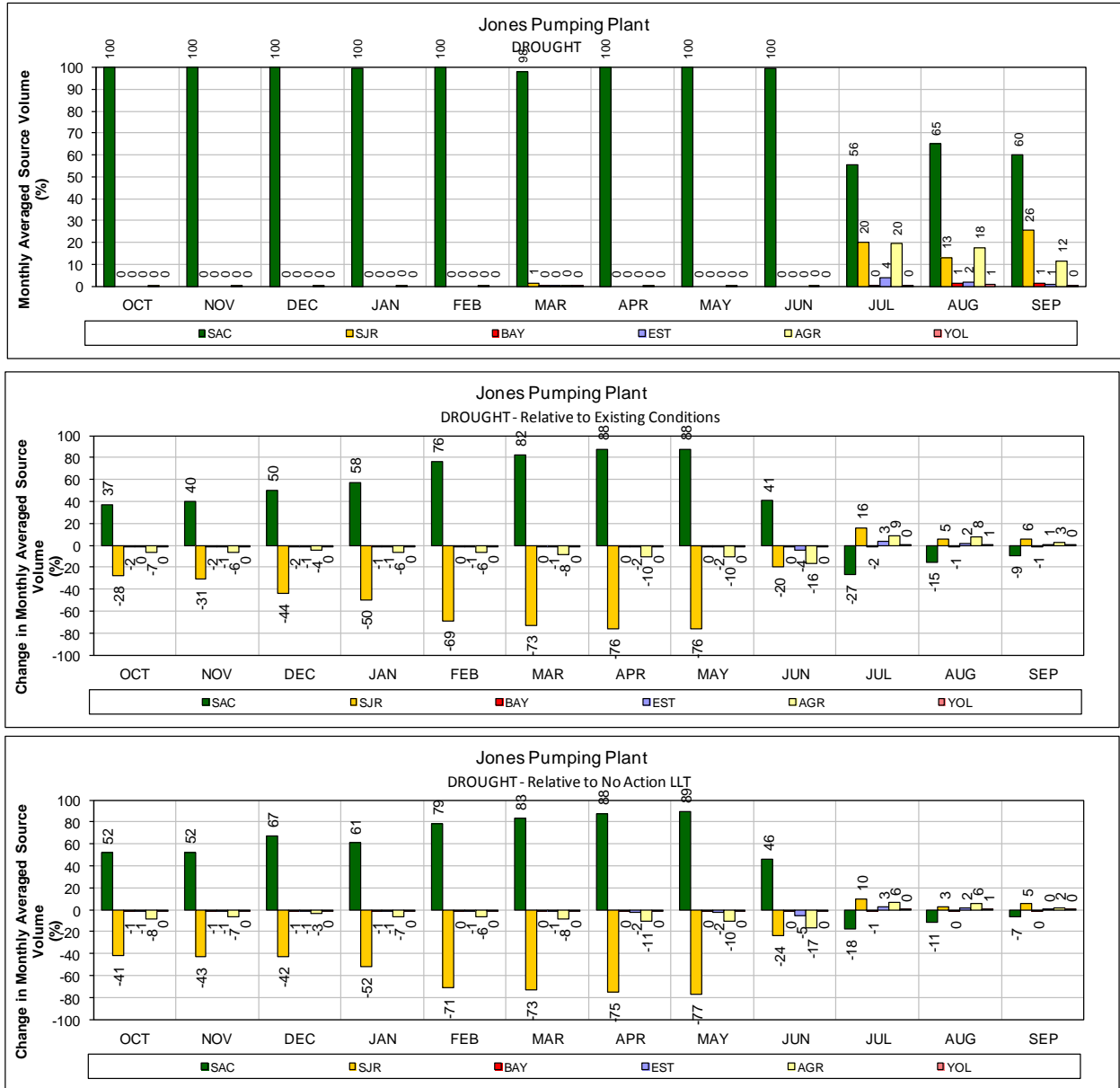
1 **Figure 261. ALT 8 – Banks Pumping Plant for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



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).**

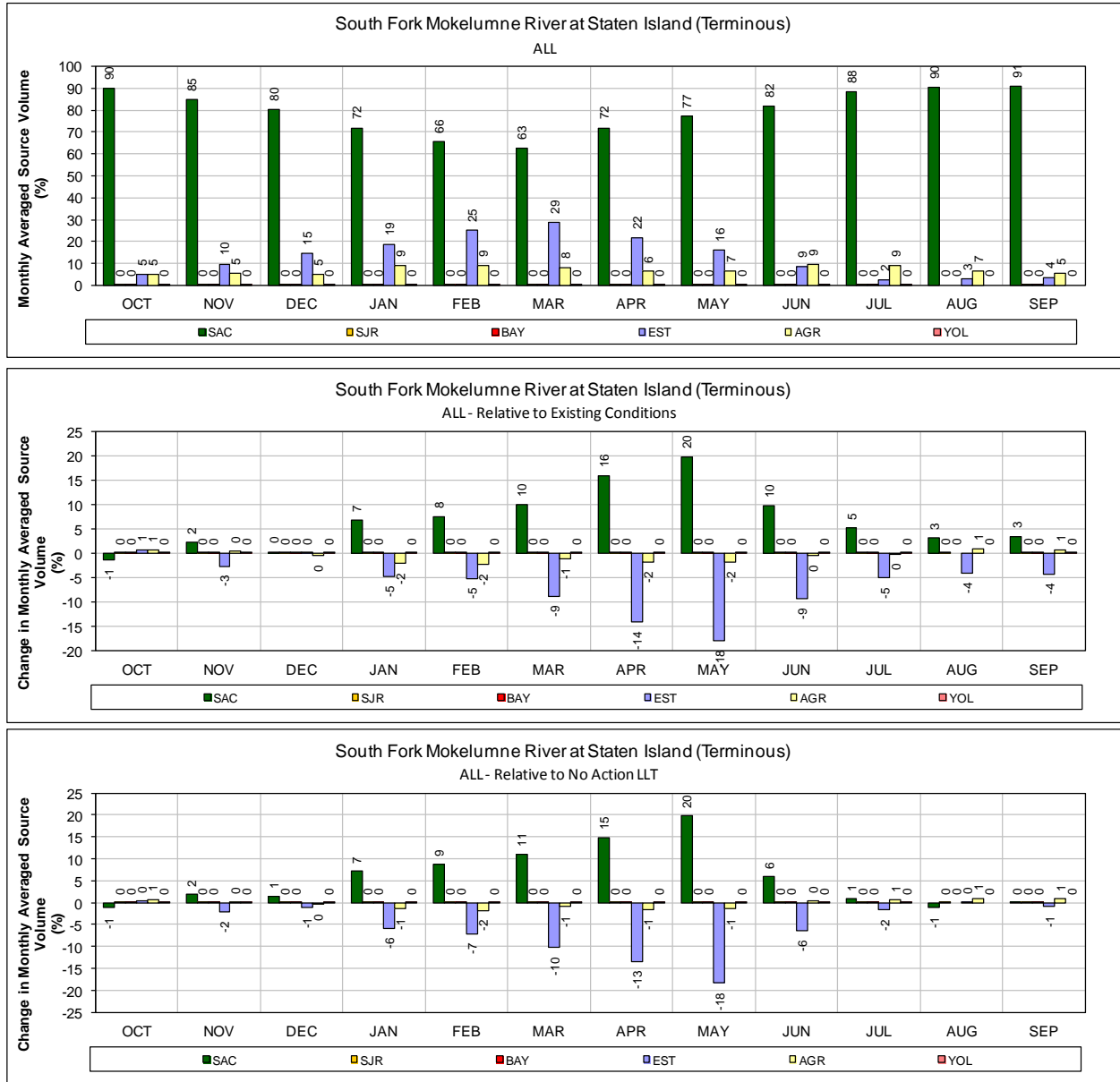
1

Alternative 9 LLT

2

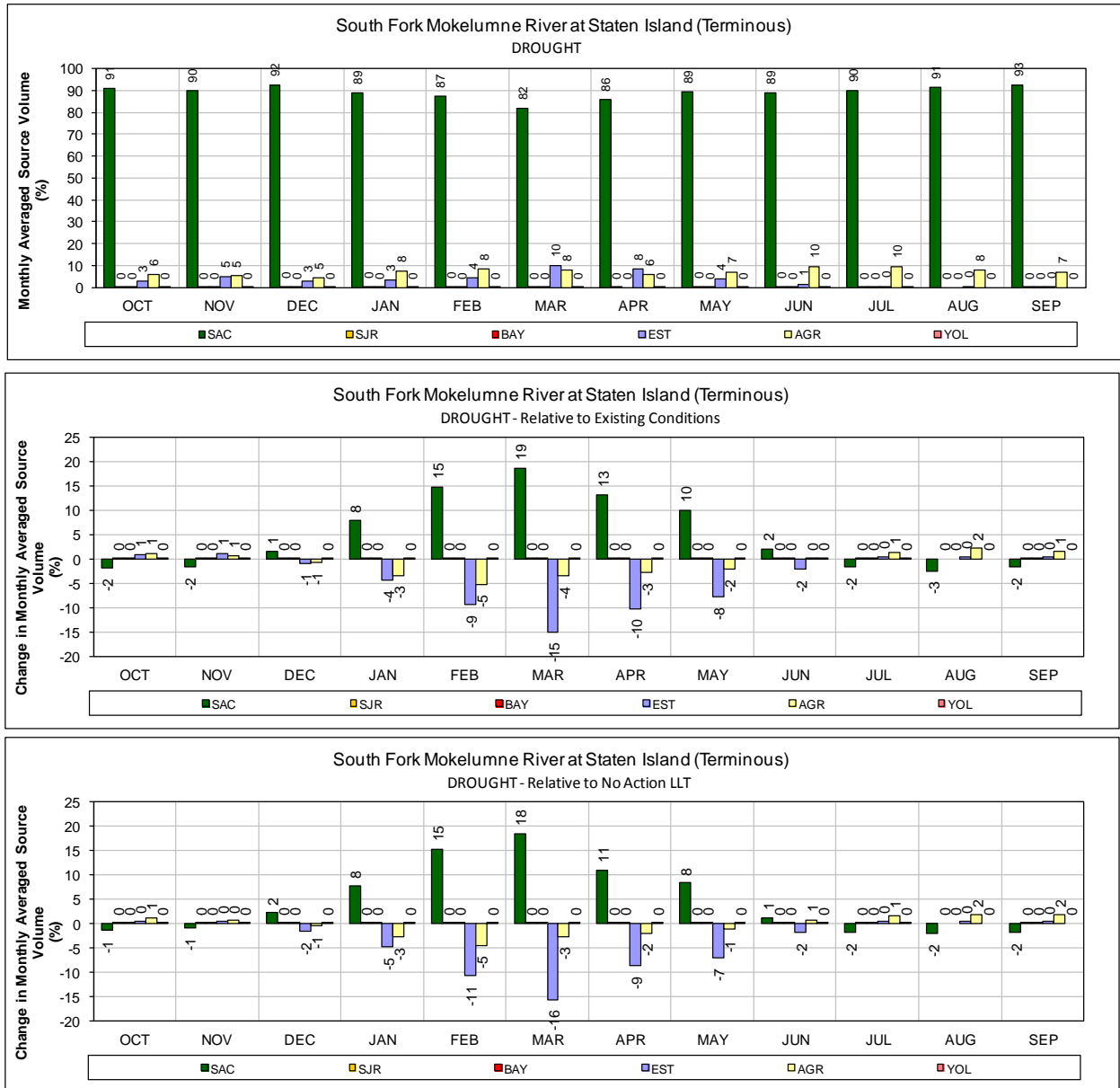
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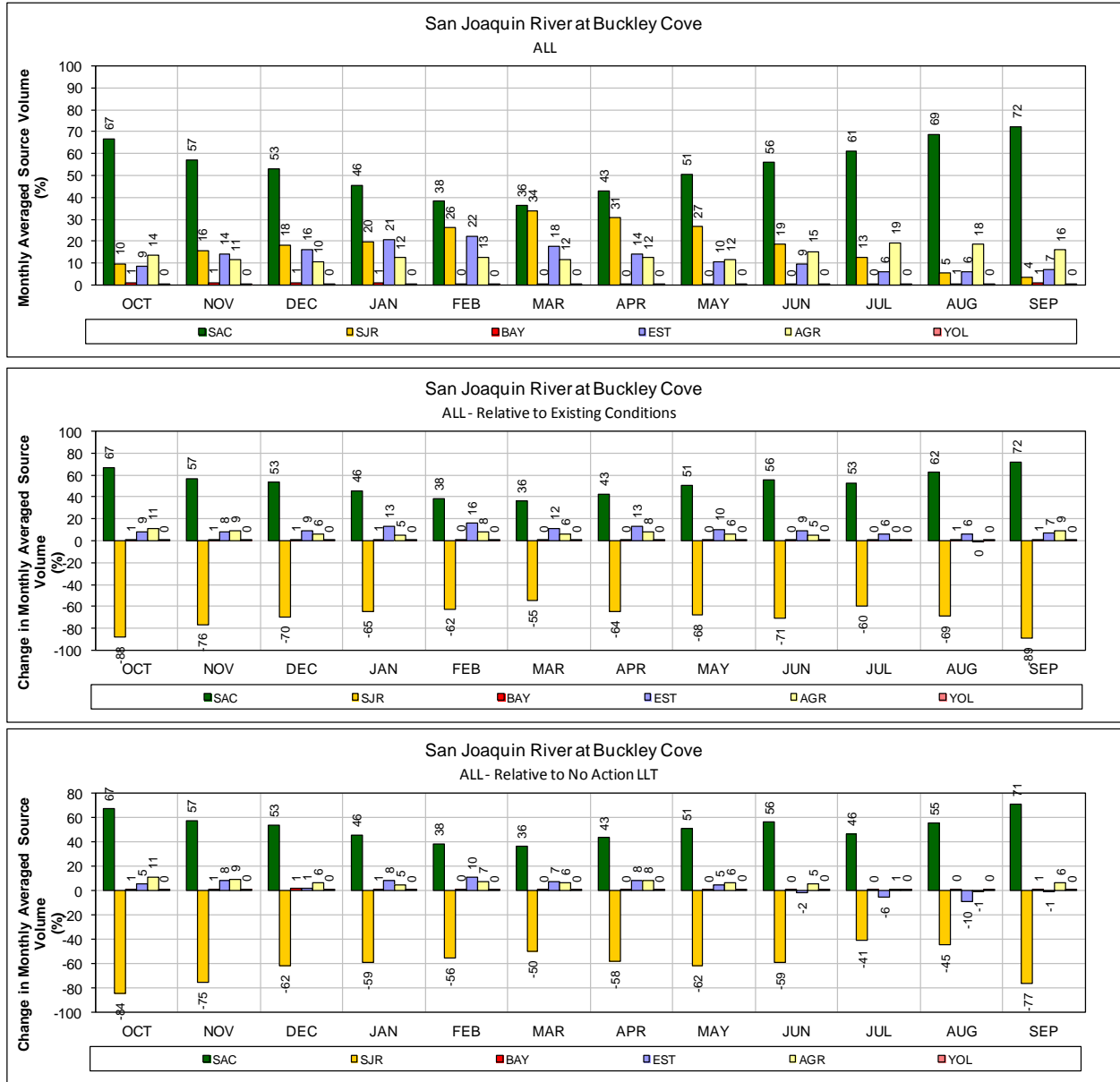


1 **Figure 265. ALT 9 – Mokelumne River (South Fork) at Staten Island for ALL years (1976-**
 2 **1991)**

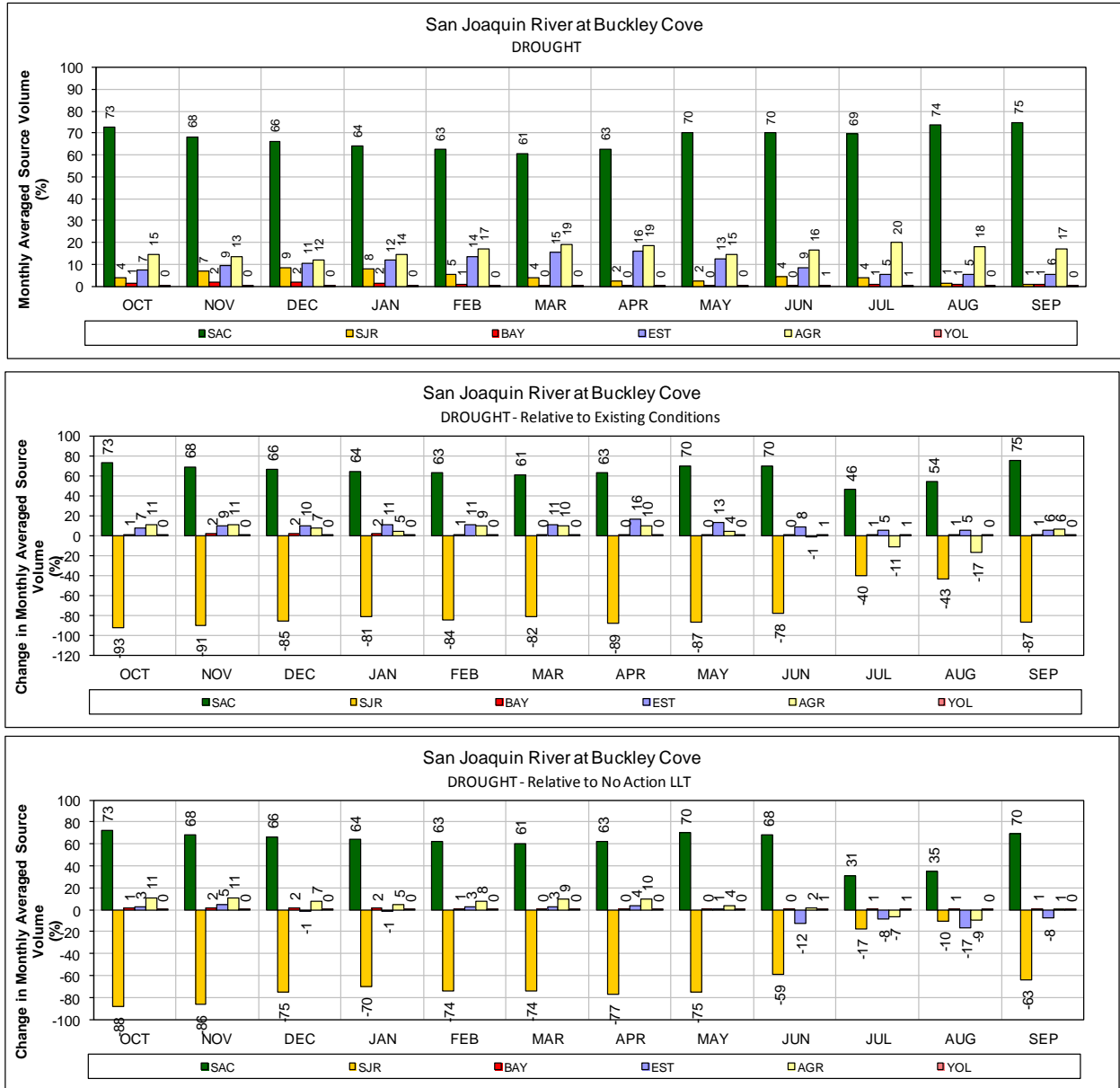
3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



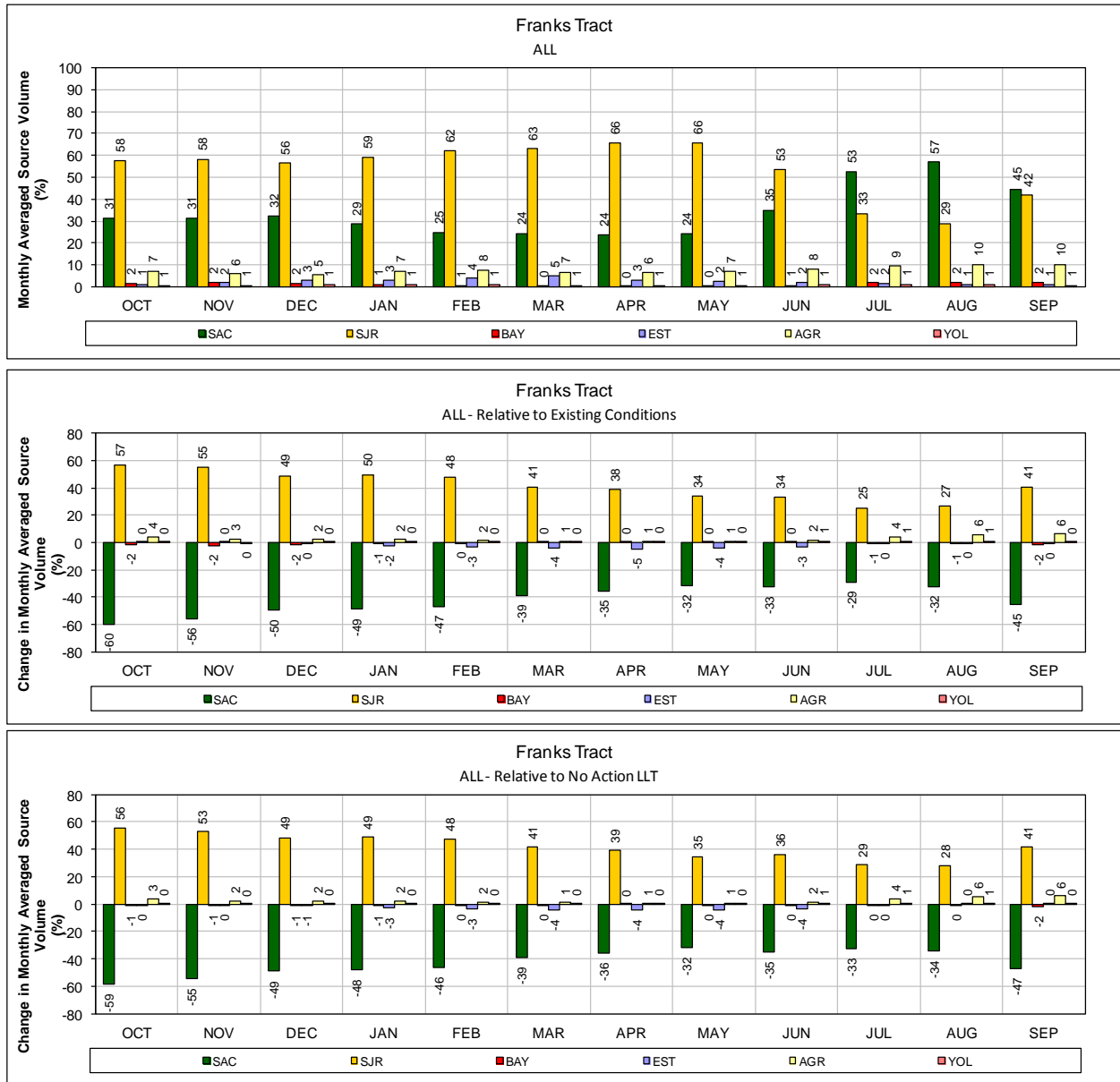
1 Figure 266.ALT 9 – Mokelumne River (South Fork) at Staten Island for DROUGHT years (1987-1991)
 2 Monthly average source volume (top figure) and change in monthly average source volume relative to
 3 Existing Conditions and No Action Alternative Late Long Term (bottom two figures).



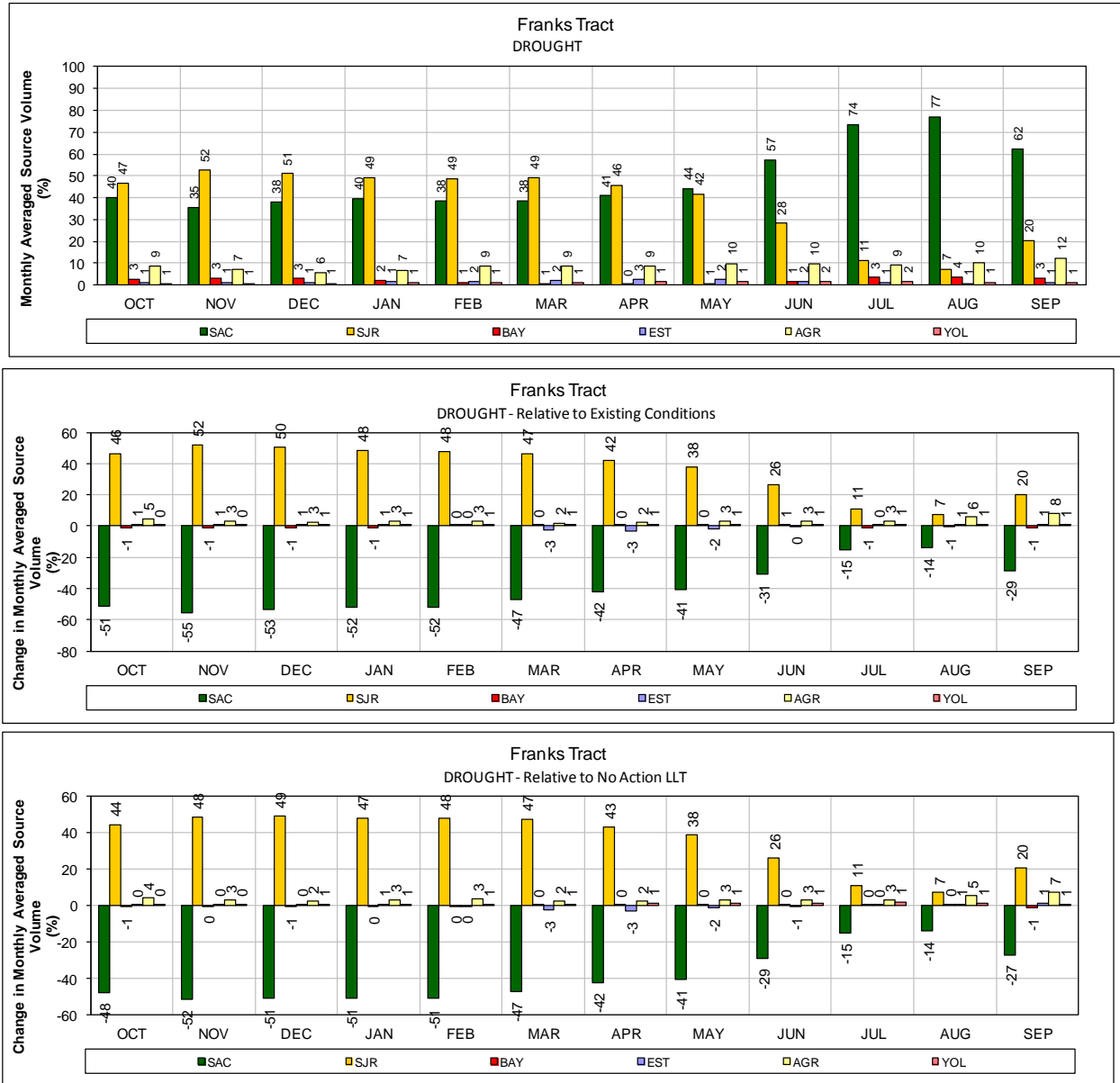
- 1 **Figure 267. ALT 9 – San Joaquin River at Buckley Cove for ALL years (1976-1991)**
- 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
- 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



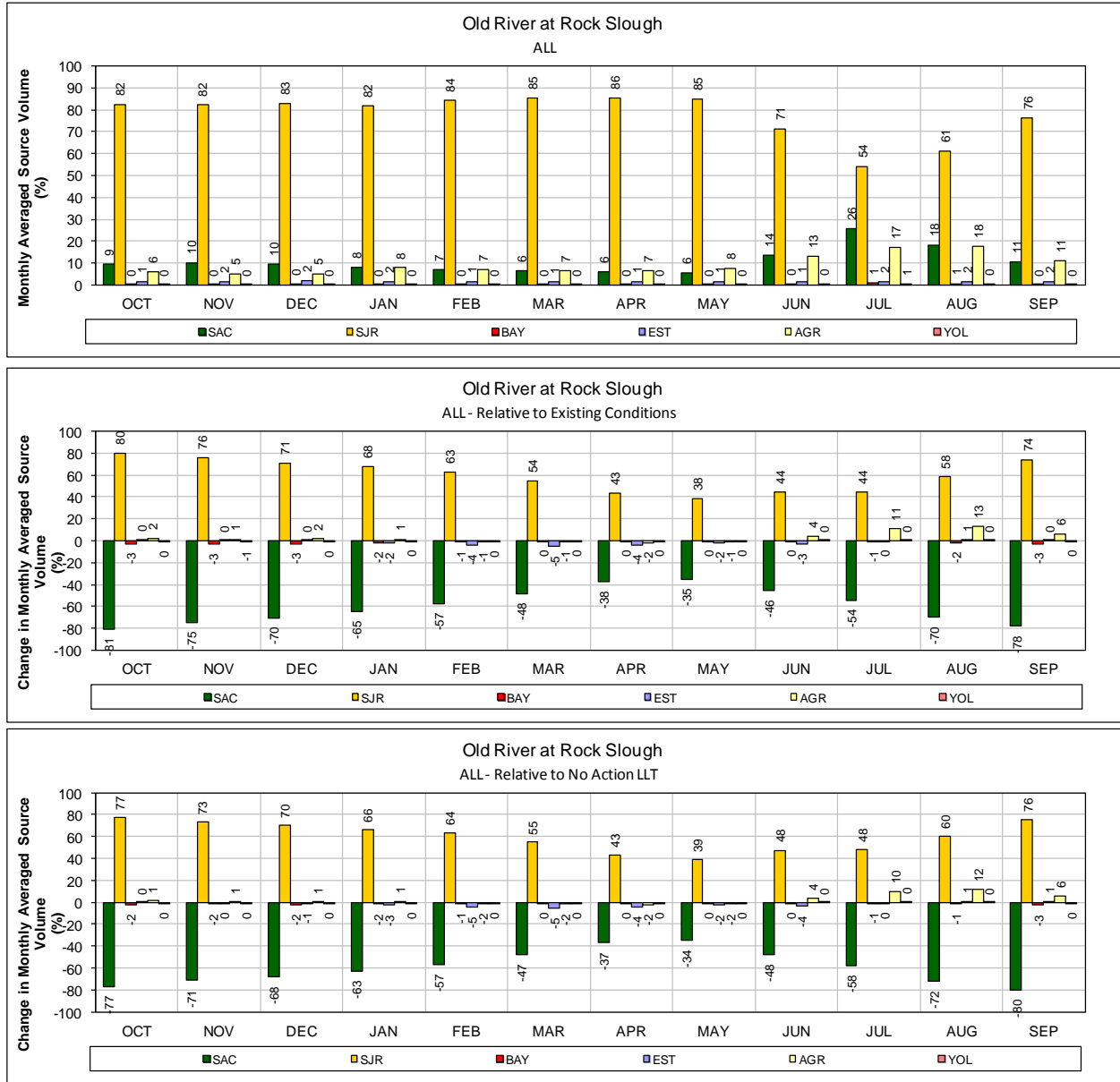
1 **Figure 268. ALT 9 – San Joaquin River at Buckley Cove for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



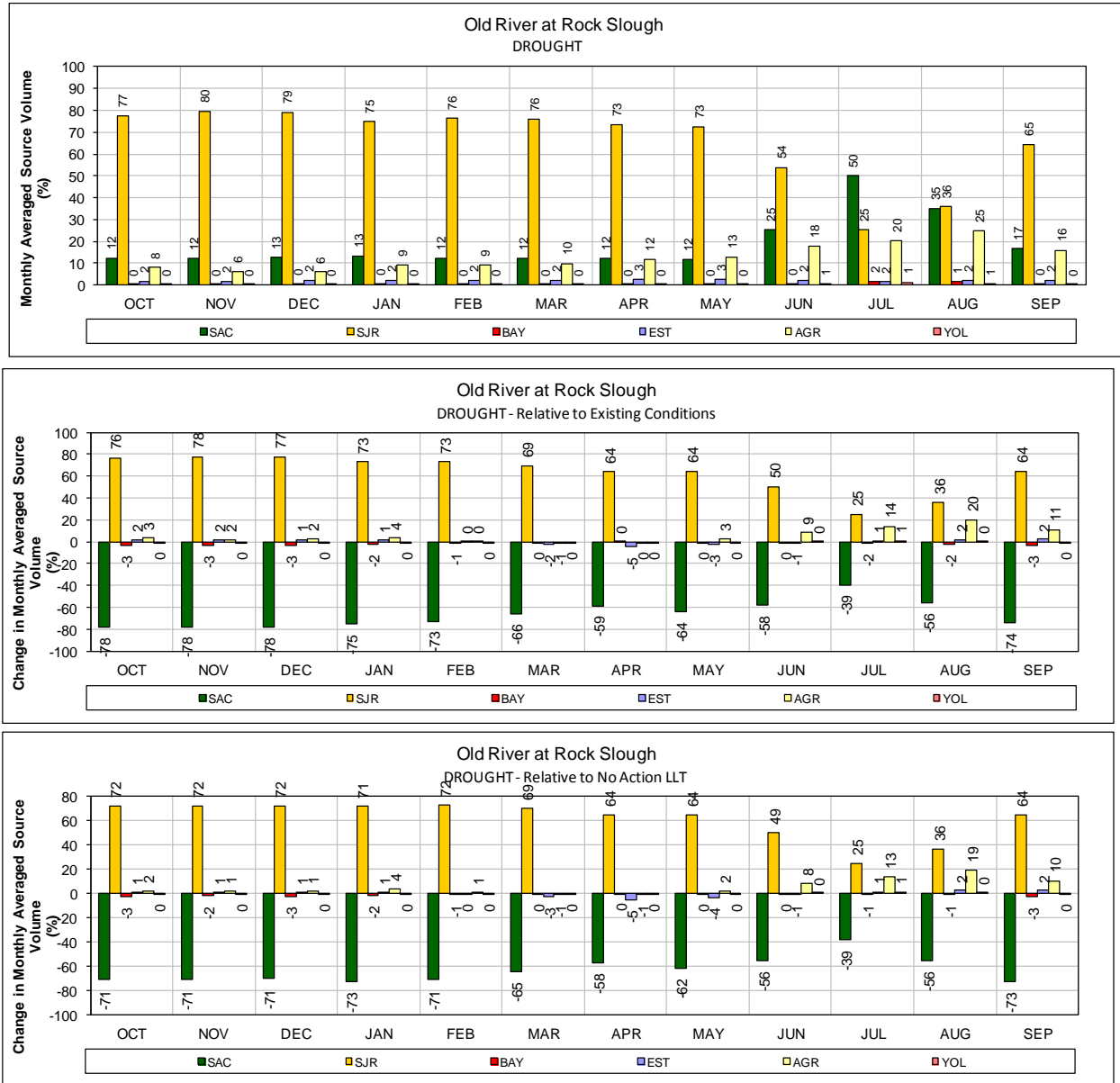
1 **Figure 269. ALT 9 – Franks Tract for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



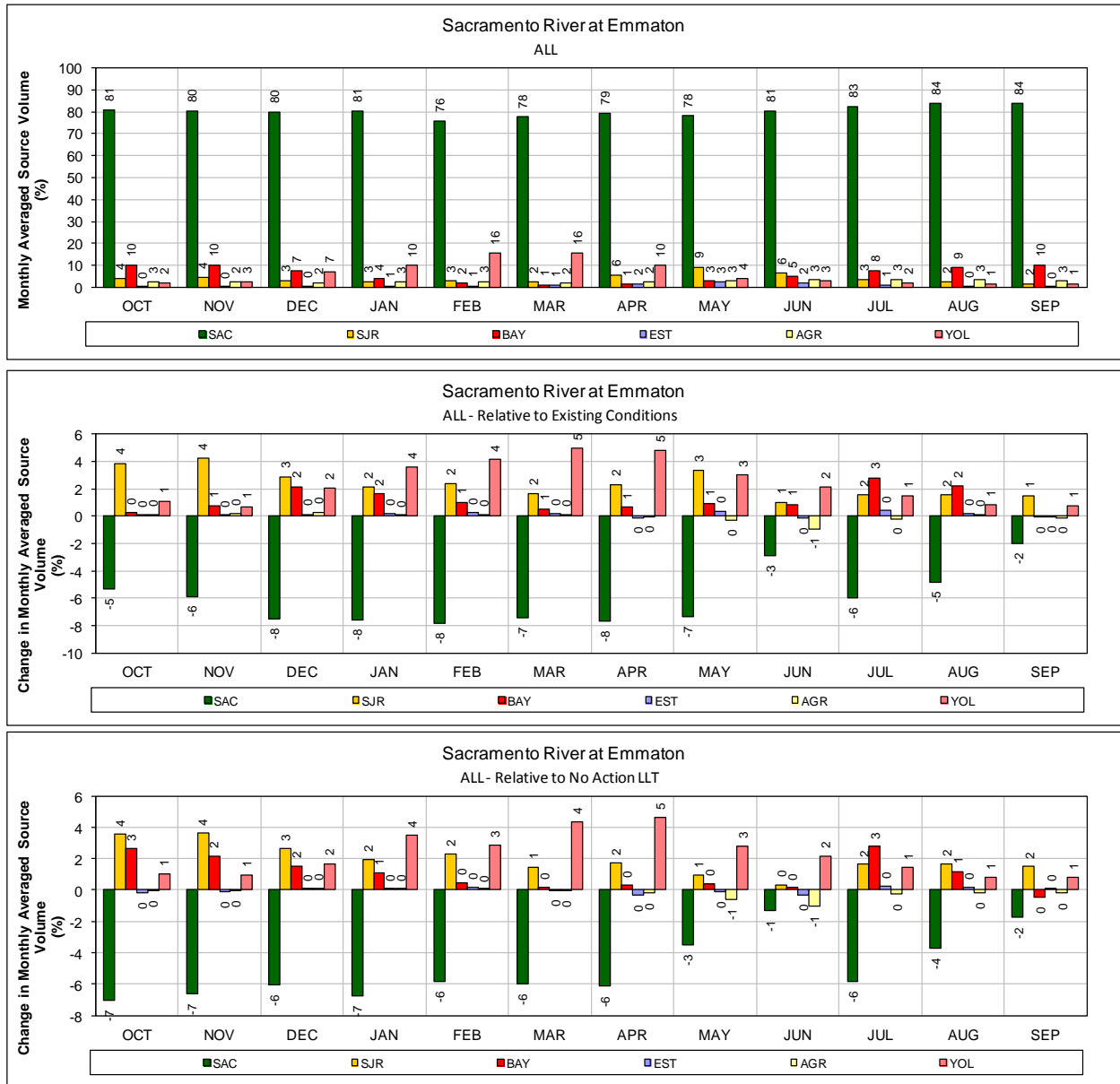
1 **Figure 270. ALT 9 – Franks Tract for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



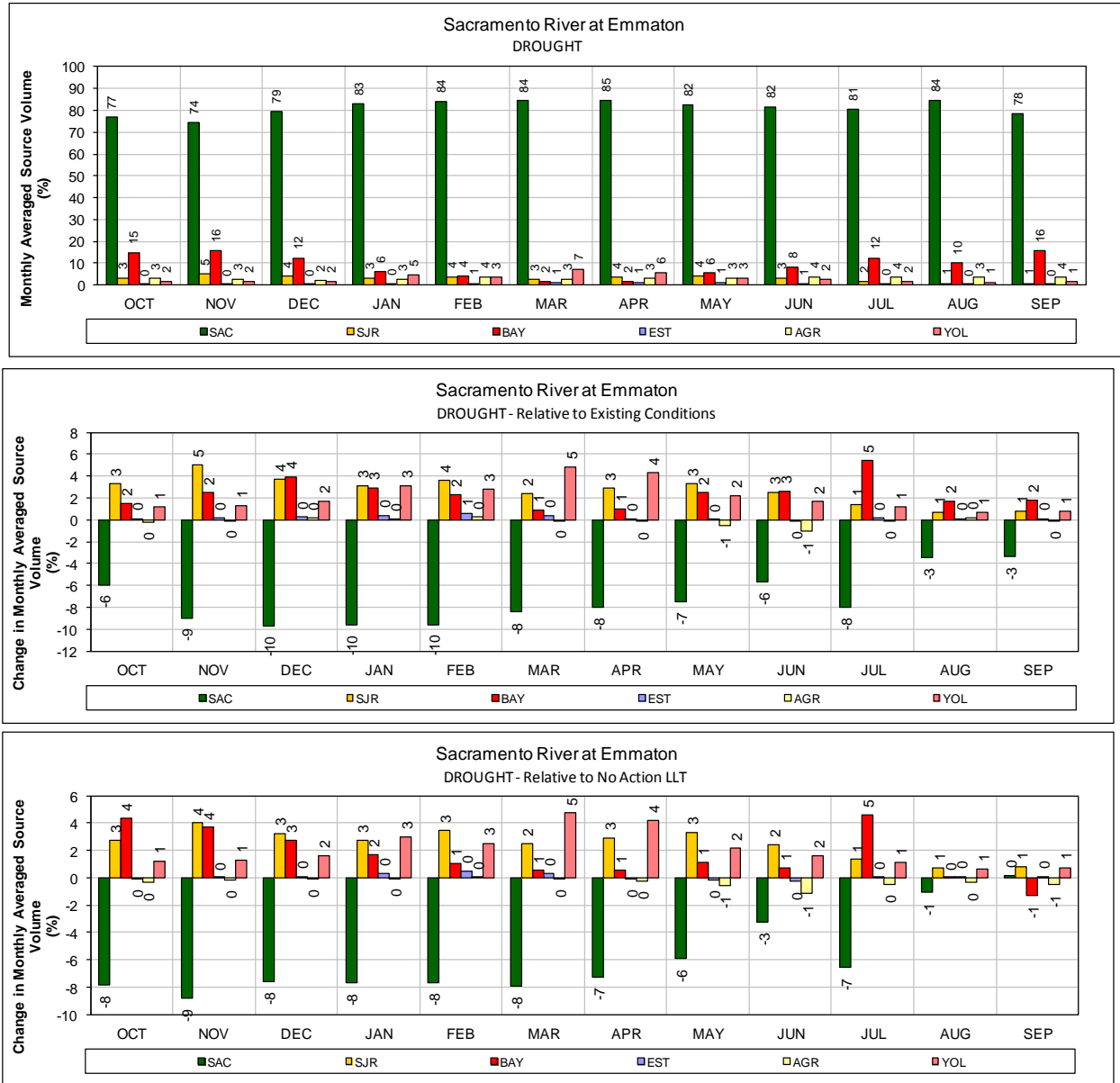
- 1 **Figure 271. ALT 9 – Old River at Rock Slough for ALL years (1976-1991)**
- 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**
- 3



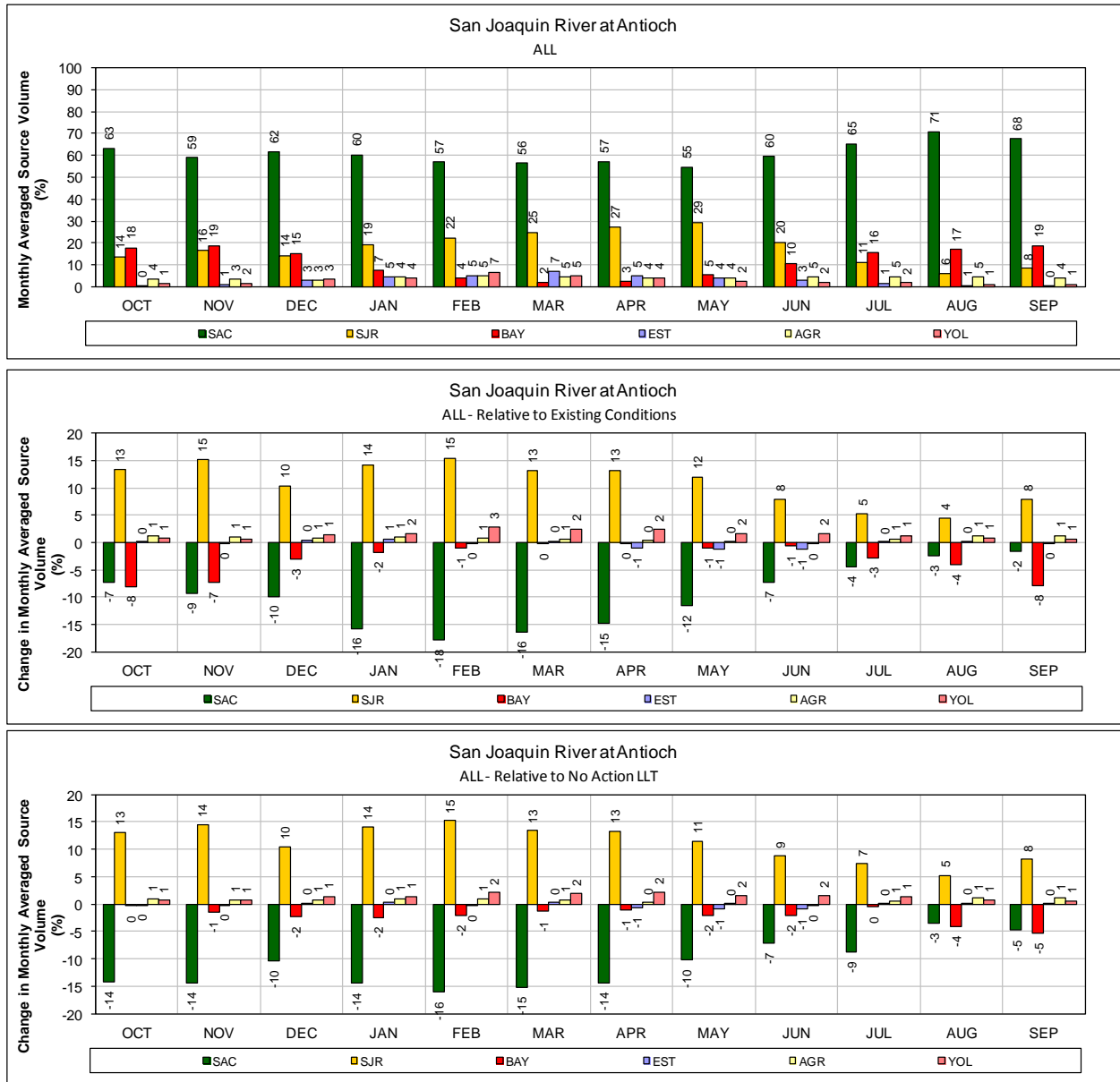
1 **Figure 272. ALT 9 – Old River at Rock Slough for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



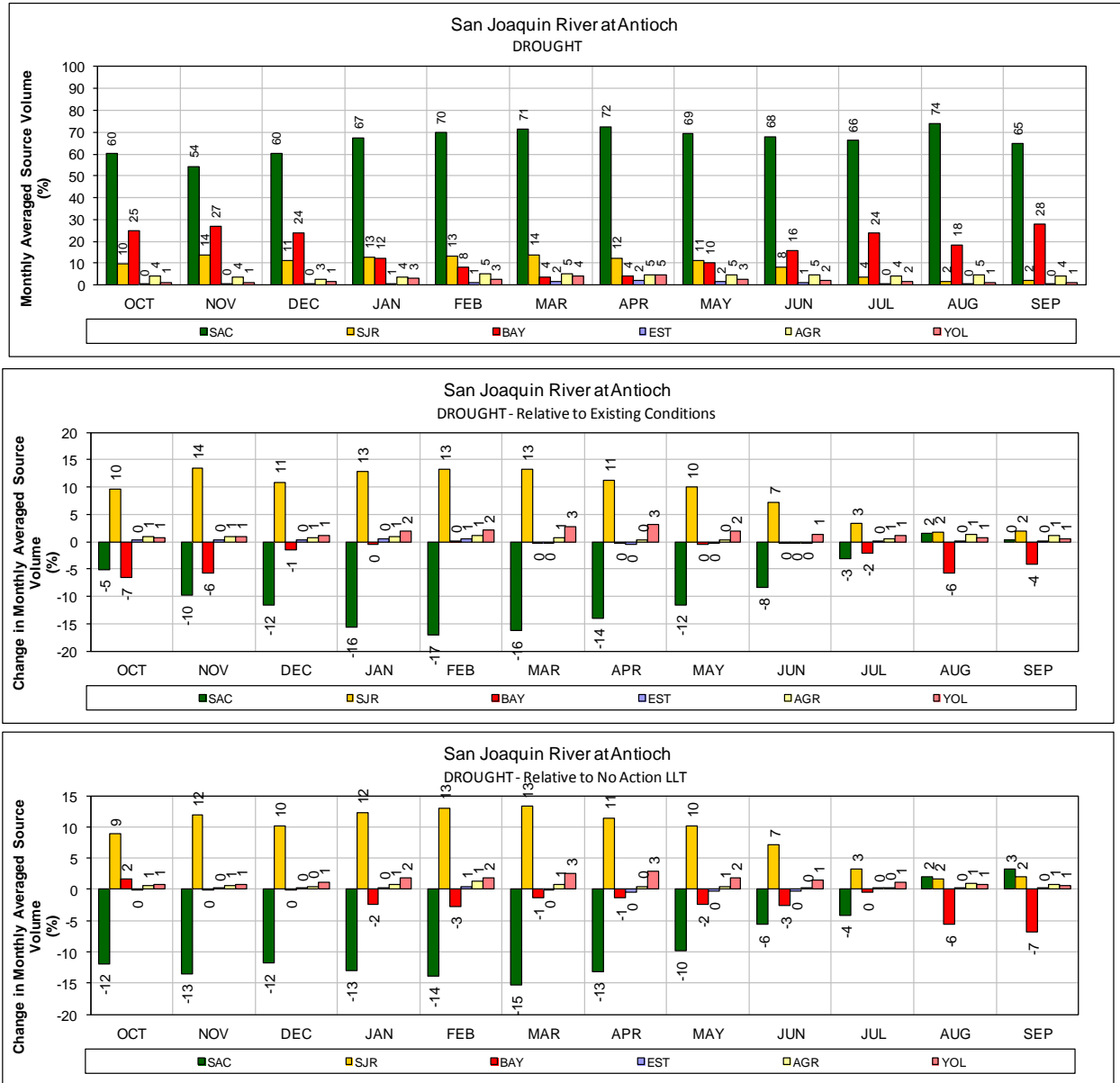
1 **Figure 273. ALT 9 – Sacramento River at Emmatton for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



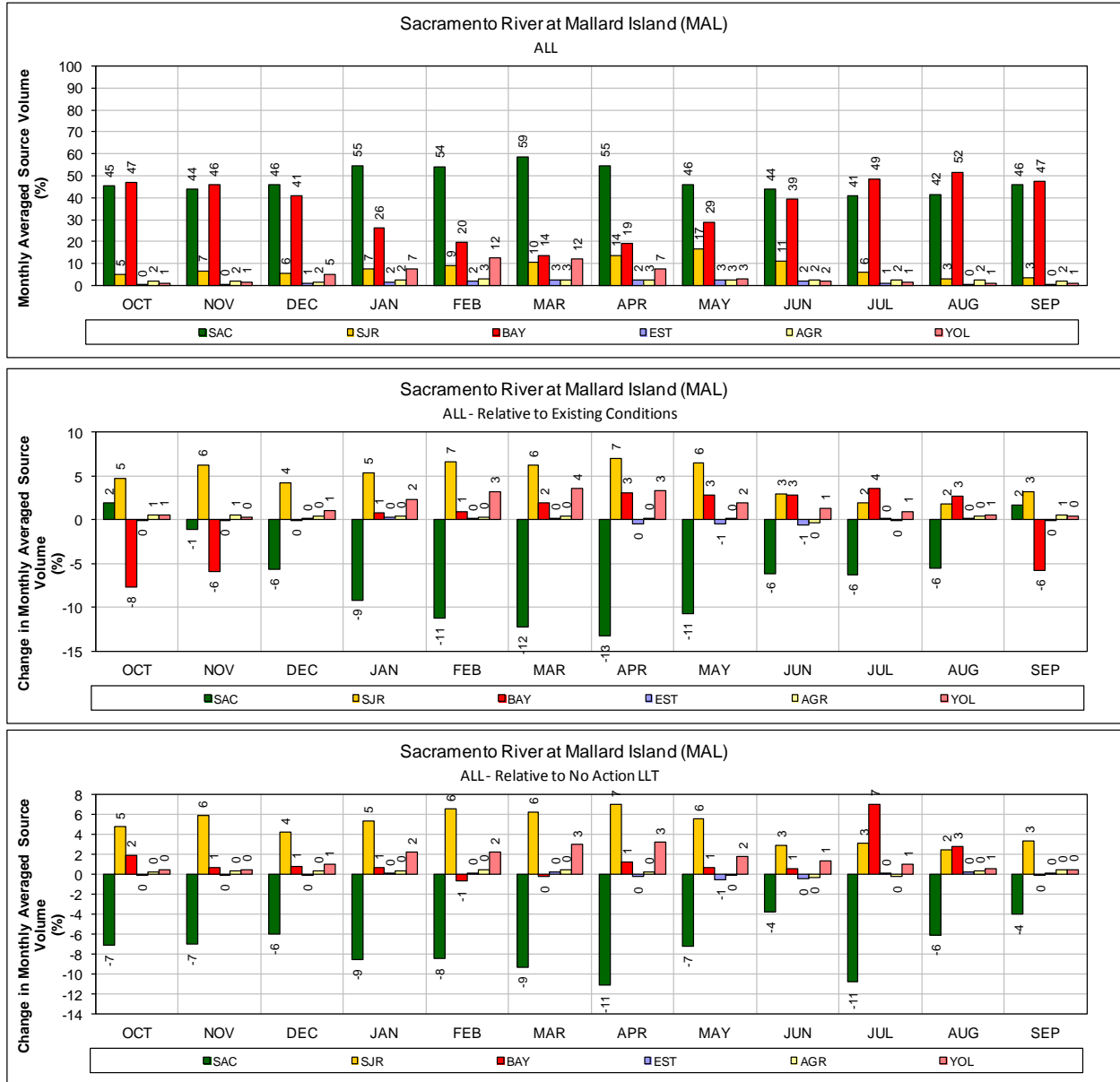
1 **Figure 274. ALT 9 – Sacramento River at Emmaton for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



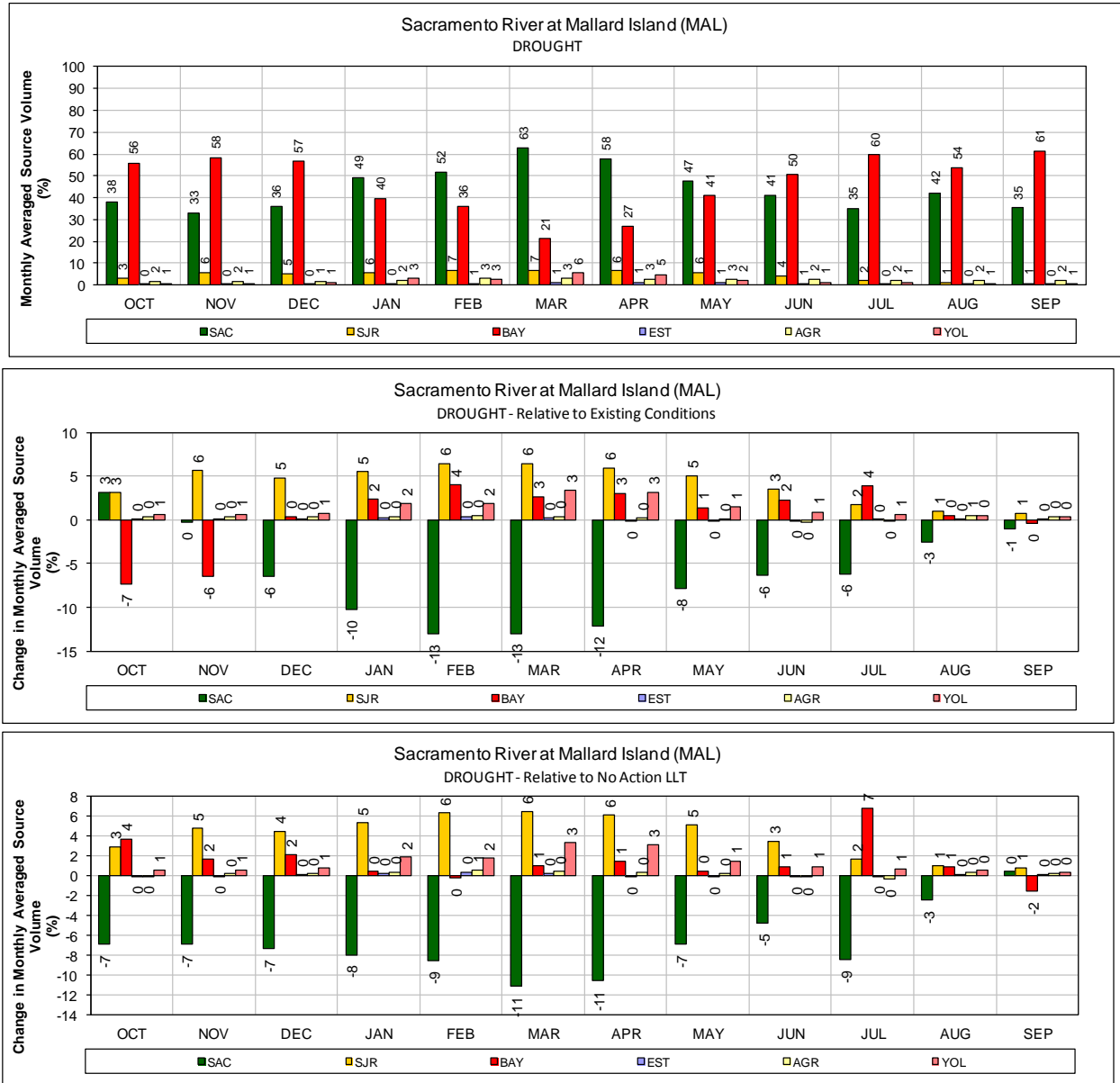
1 **Figure 275. ALT 9 –San Joaquin River at Antioch for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



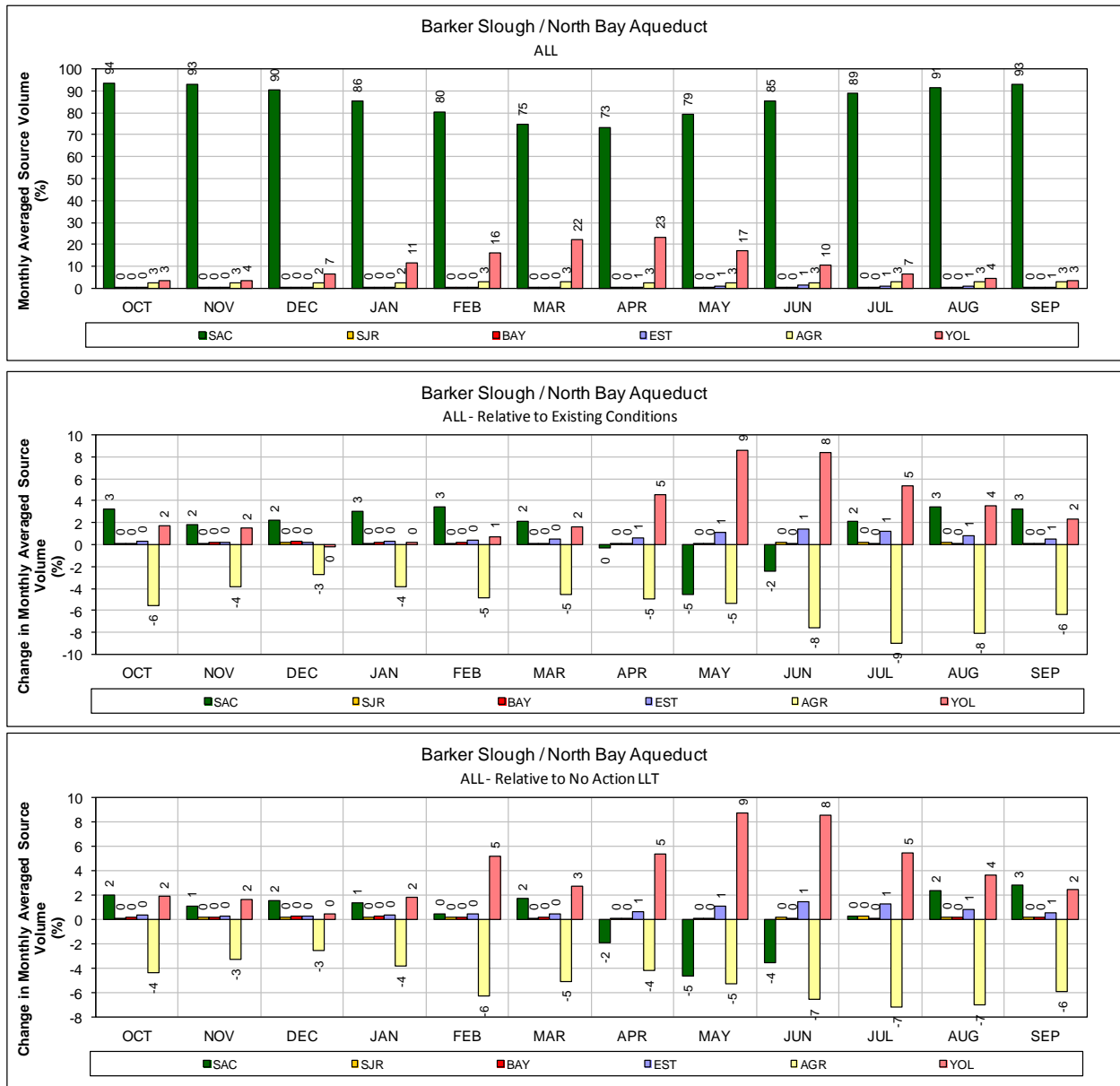
1 **Figure 276. ALT 9 – San Joaquin River at Antioch for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



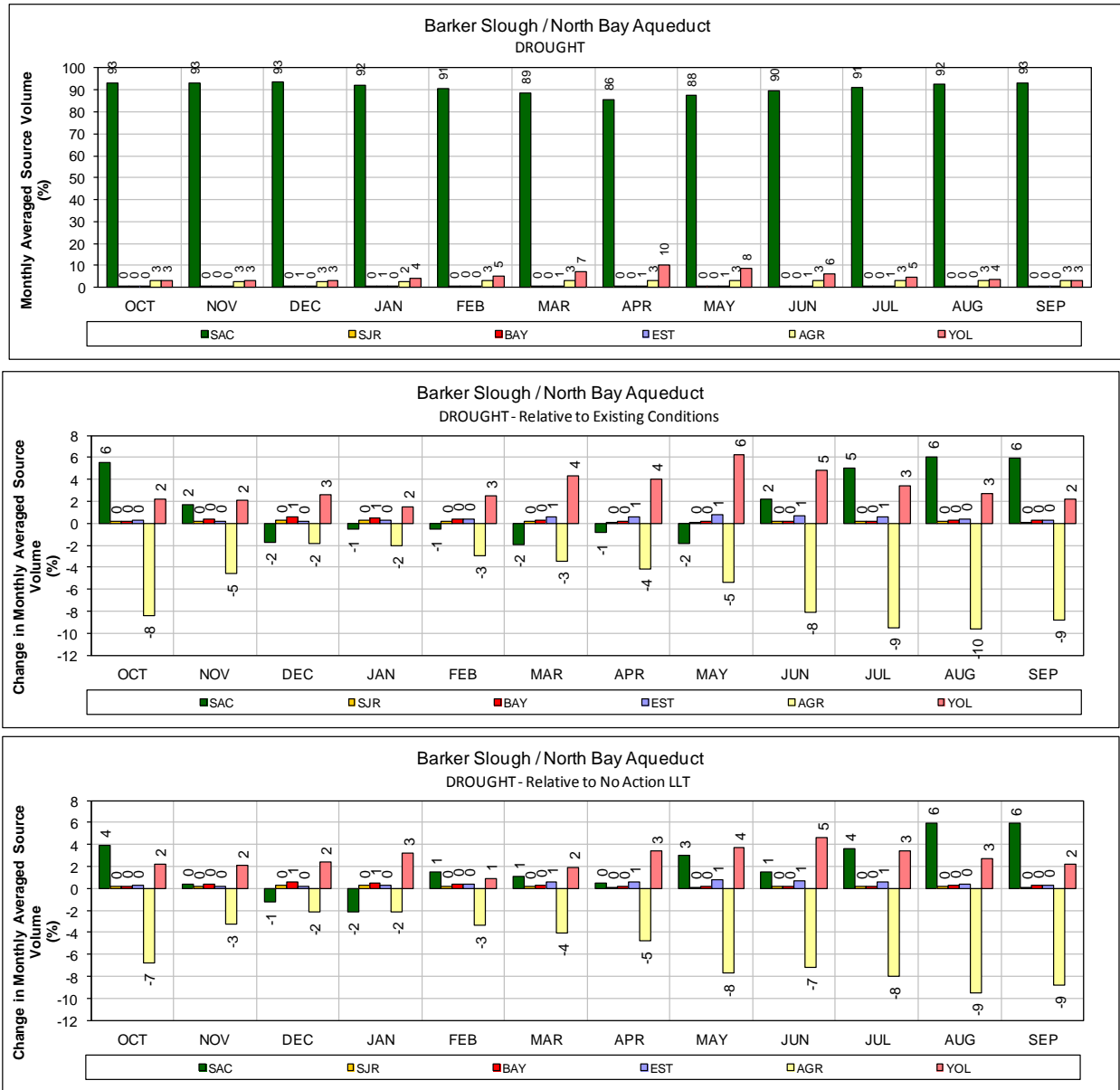
1 **Figure 277. ALT 9 – Sacramento River at Mallard Island for ALL years (1976-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



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).**

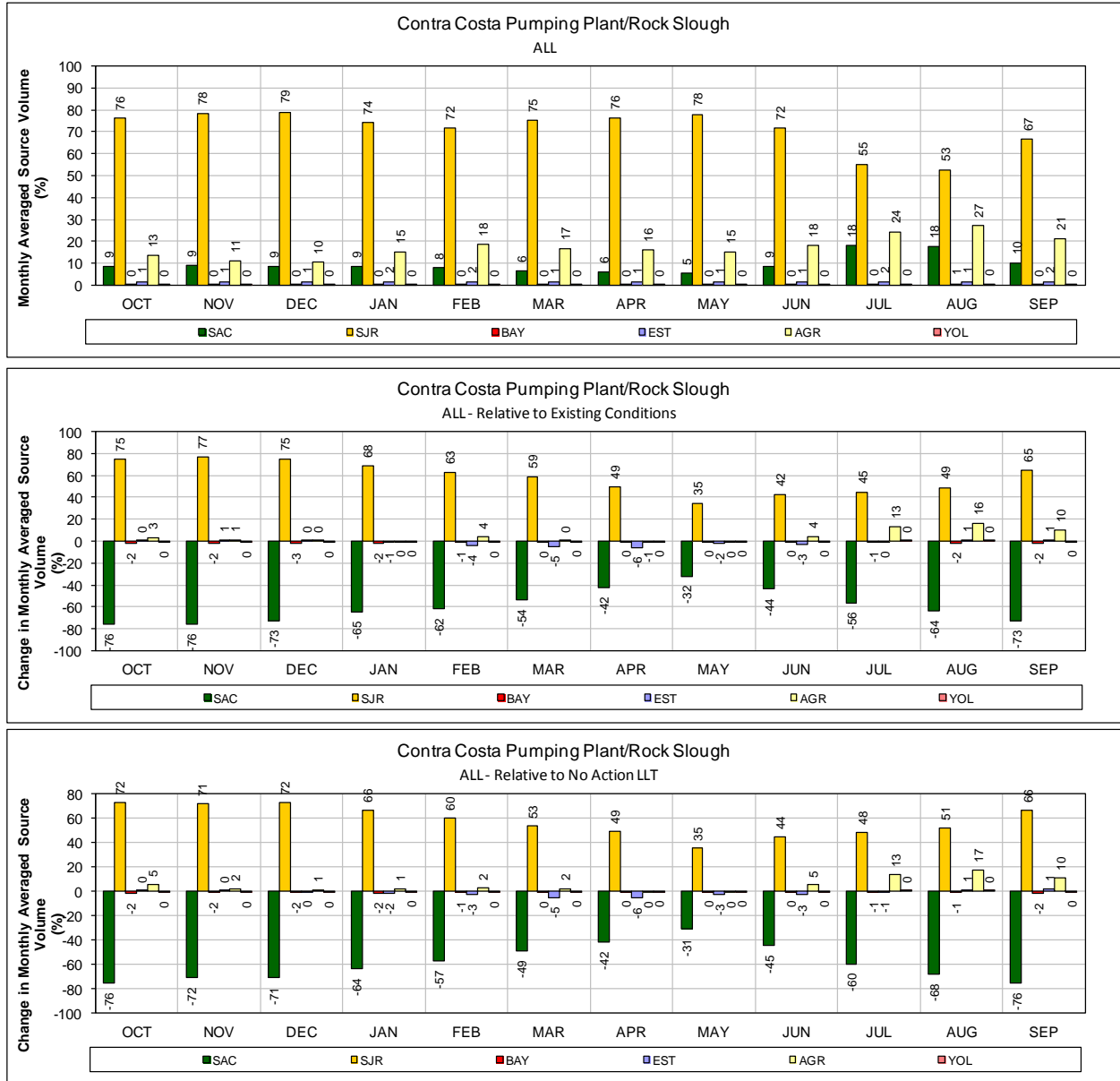


1 **Figure 279. ALT 9 – North Bay Aqueduct at Barker Slough Pumping Plant for ALL years**
 2 **(1976-1991)**
 3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**

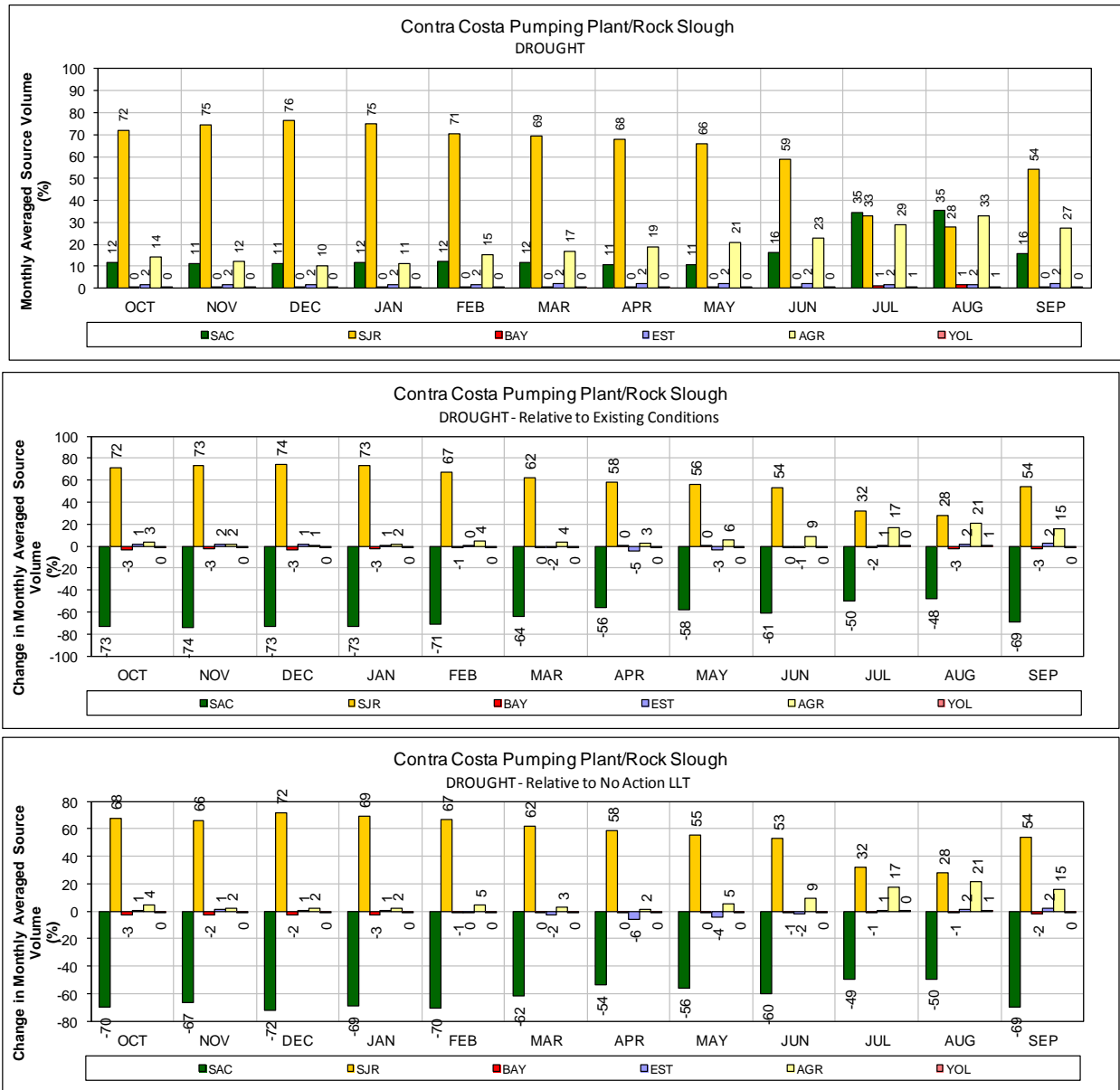


1 **Figure 280. ALT 9 – North Bay Aqueduct at Barker Slough Pumping Plant for DROUGHT**
 2 **years (1987-1991)**

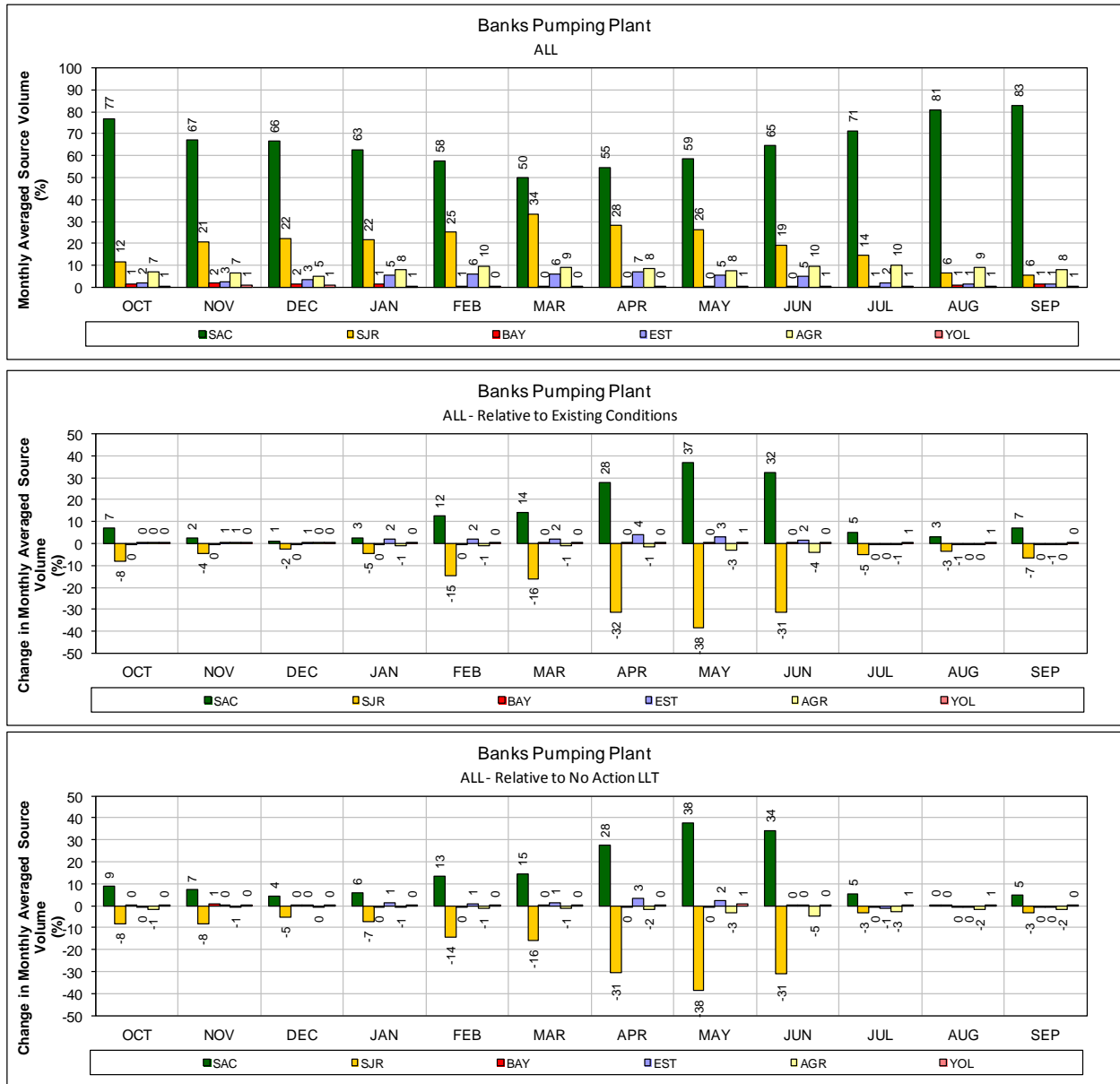
3 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 4 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



1 **Figure 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).**



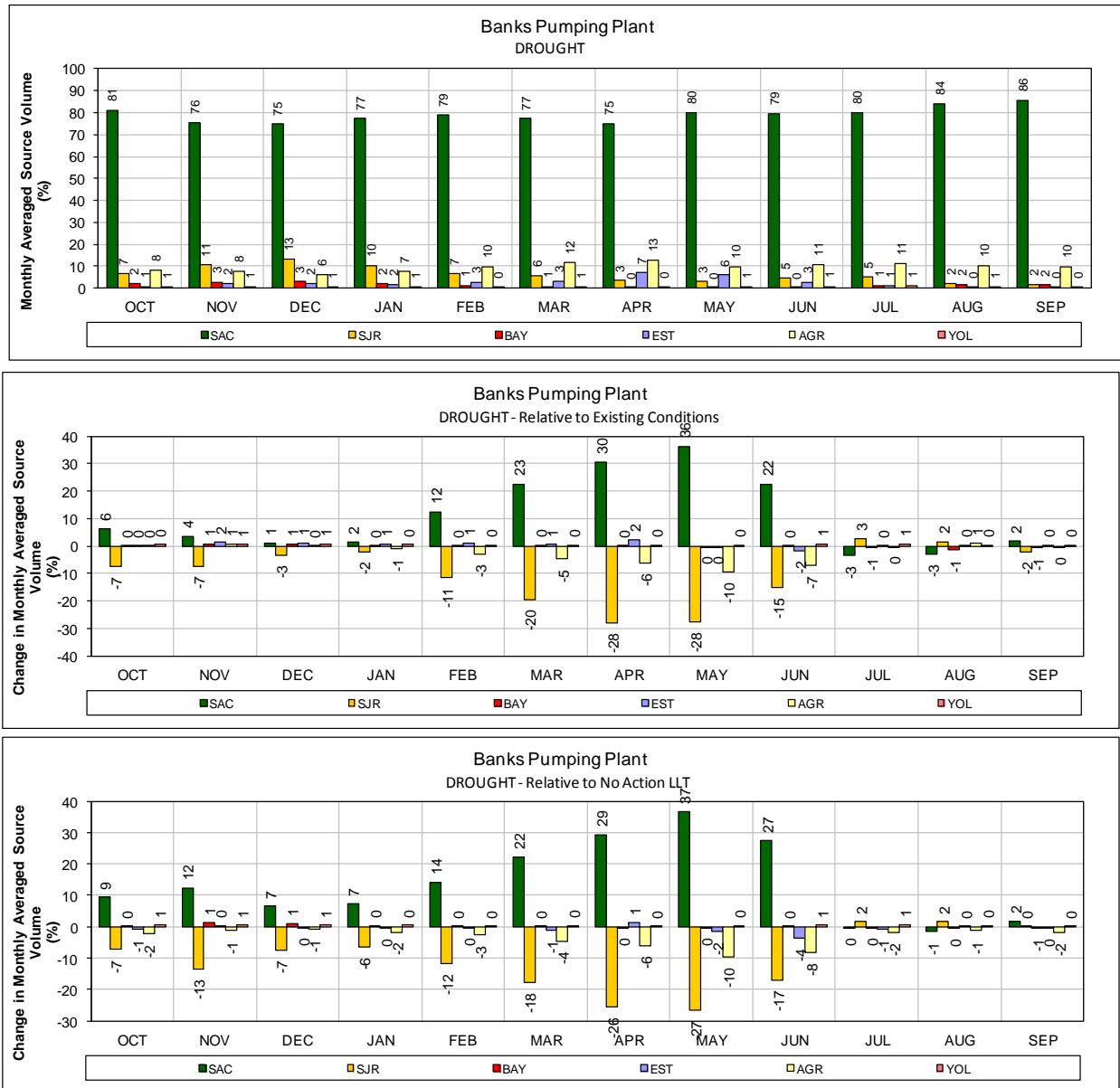
1 **Figure 282. ALT 9 – Contra Costa Pumping Plant #1 for DROUGHT years (1987-1991)**
 2 **Monthly average source volume (top figure) and change in monthly average source volume relative to**
 3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



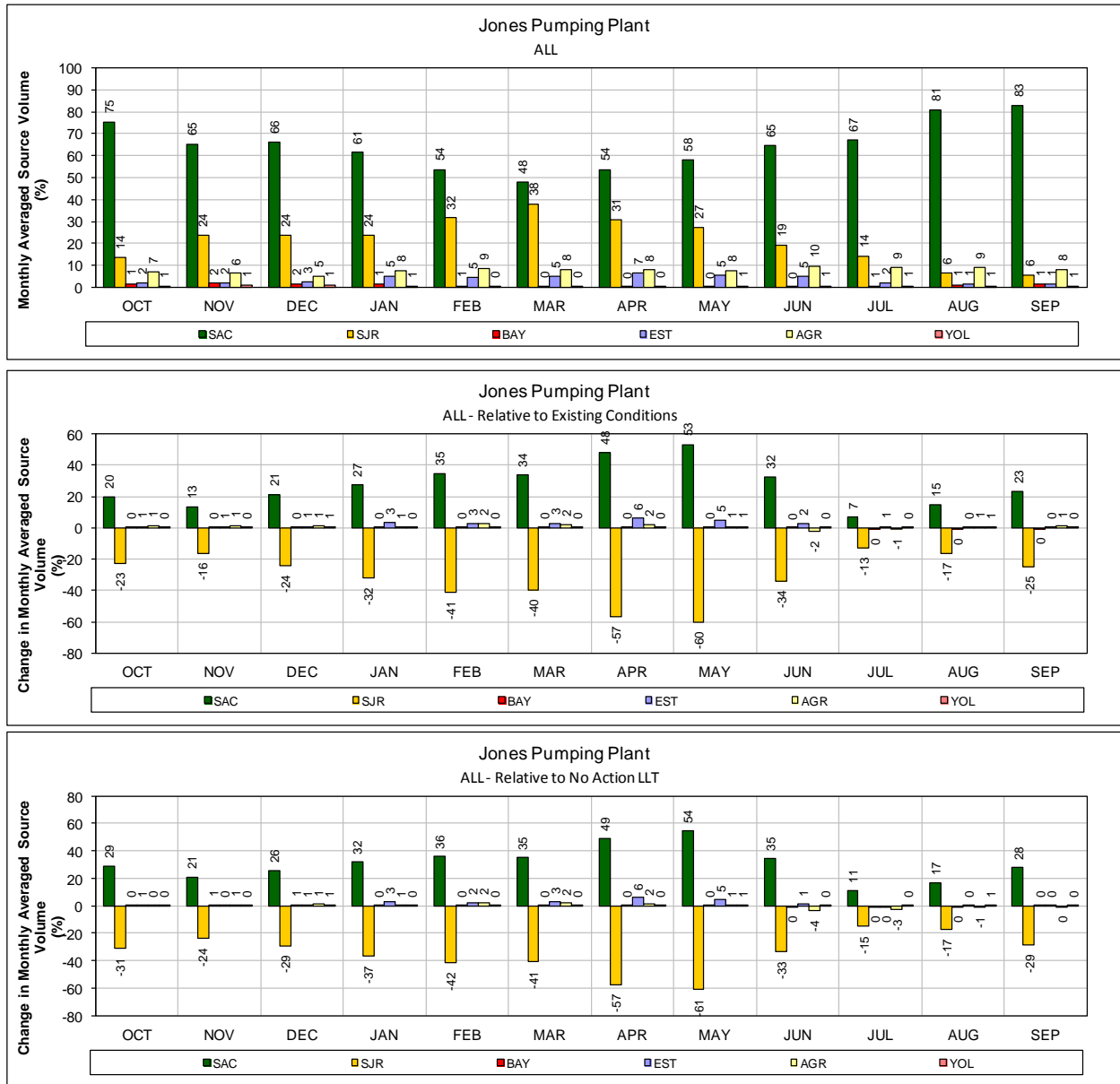
1 **Figure 283. ALT 9 – Banks Pumping Plant for ALL years (1976-1991)**

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

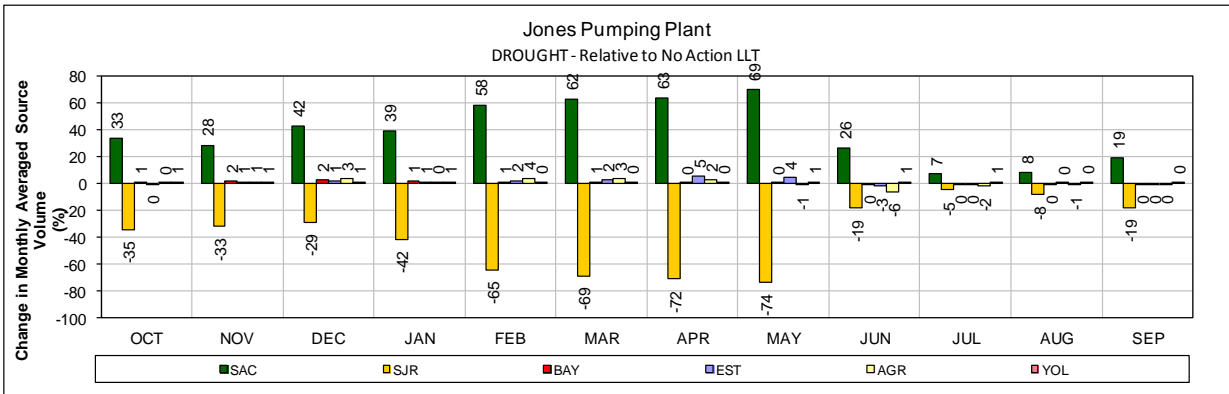
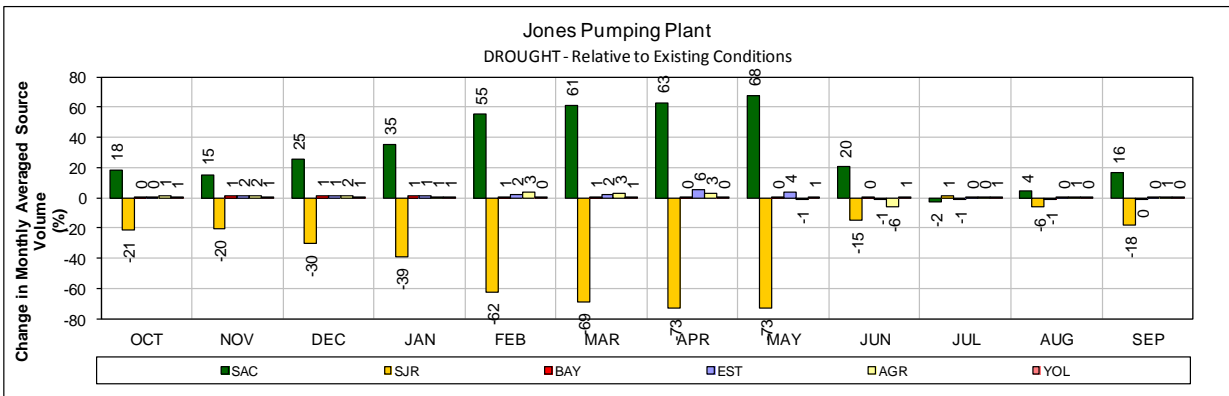
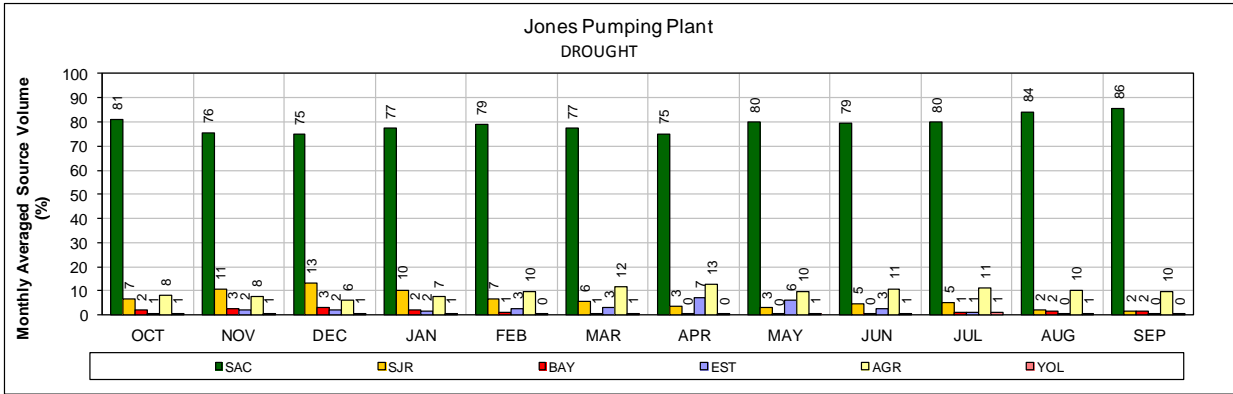
3 **Existing Conditions and No Action Alternative Late Long Term (bottom two figures).**



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



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