

K:\Projects - 1\DW\00726_11_BDCP\mapdoc\Public_Draft\Ch05\Fig_05_01_Precipitation_Across_State_20130812.mxd Date: 9/3/2013 Time: 6:28:41 PM 25110

Sources: Precipitation, PRISM 2006

Figure 5-1
Distribution of Precipitation across the State

BD/CP EIR/ES 00293.12 / 7/22/13 AB

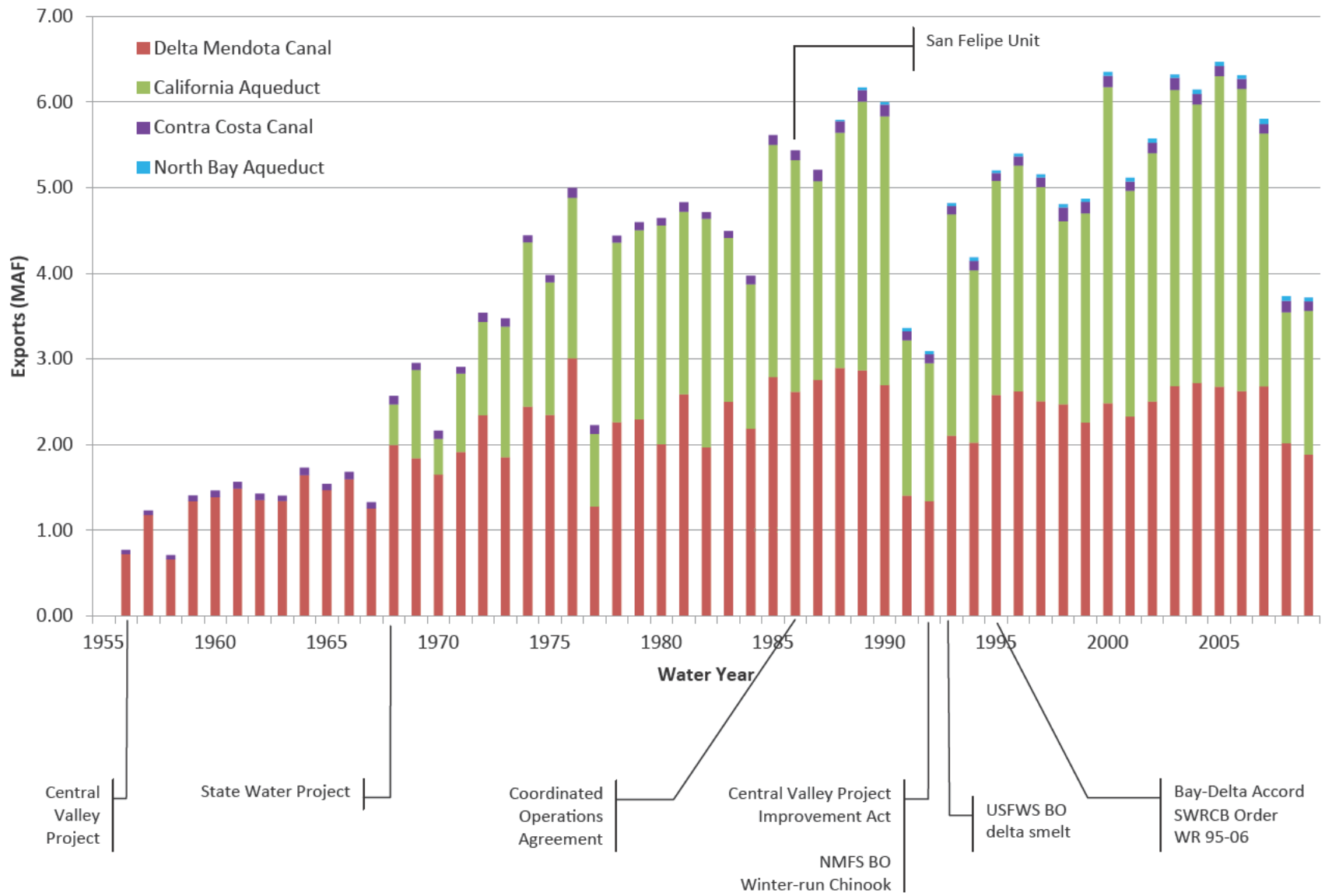


Figure 5-2
Delta Exports 1956–2009

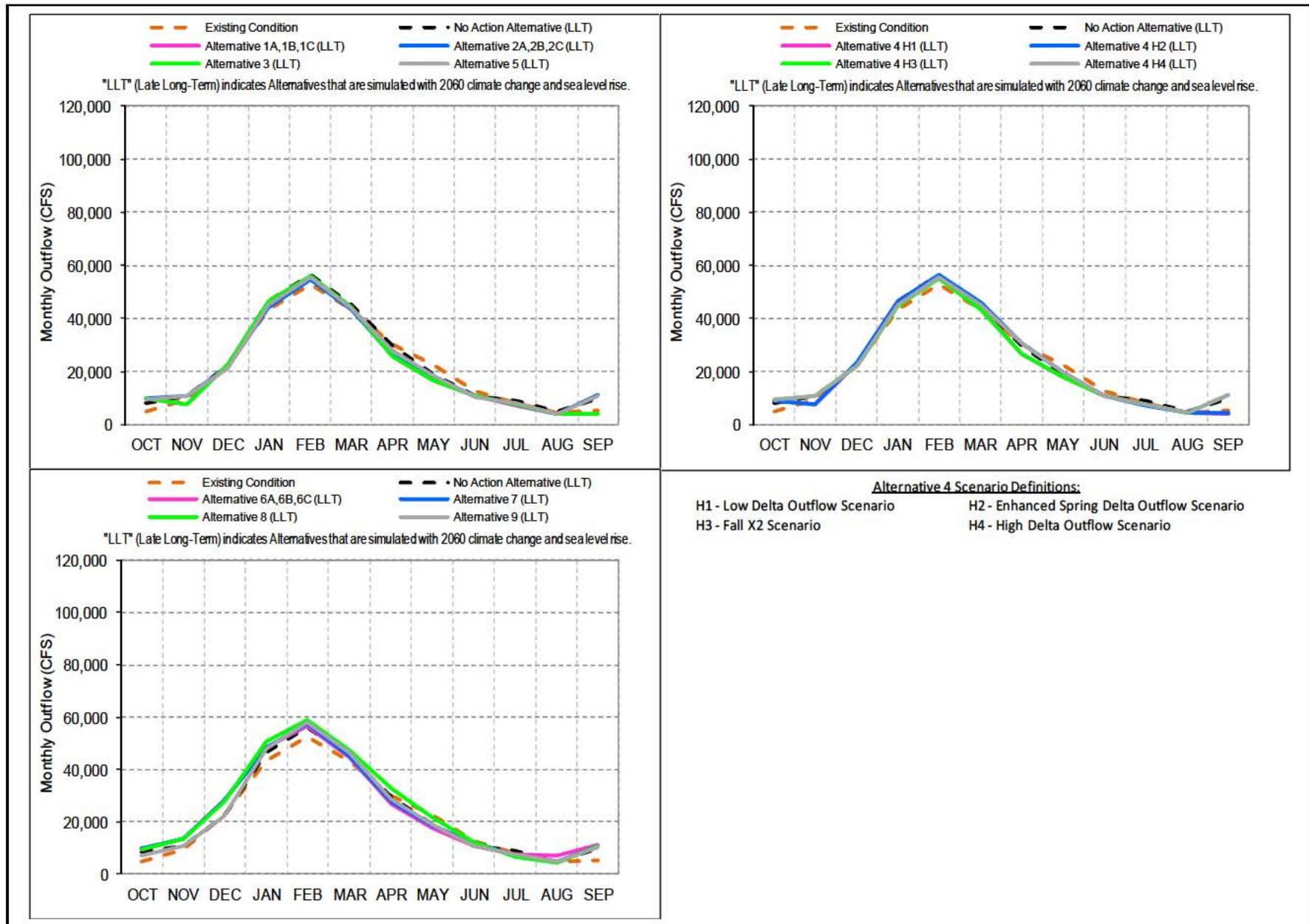


Figure 5-3
Sacramento–San Joaquin River Average Delta Monthly Outflow

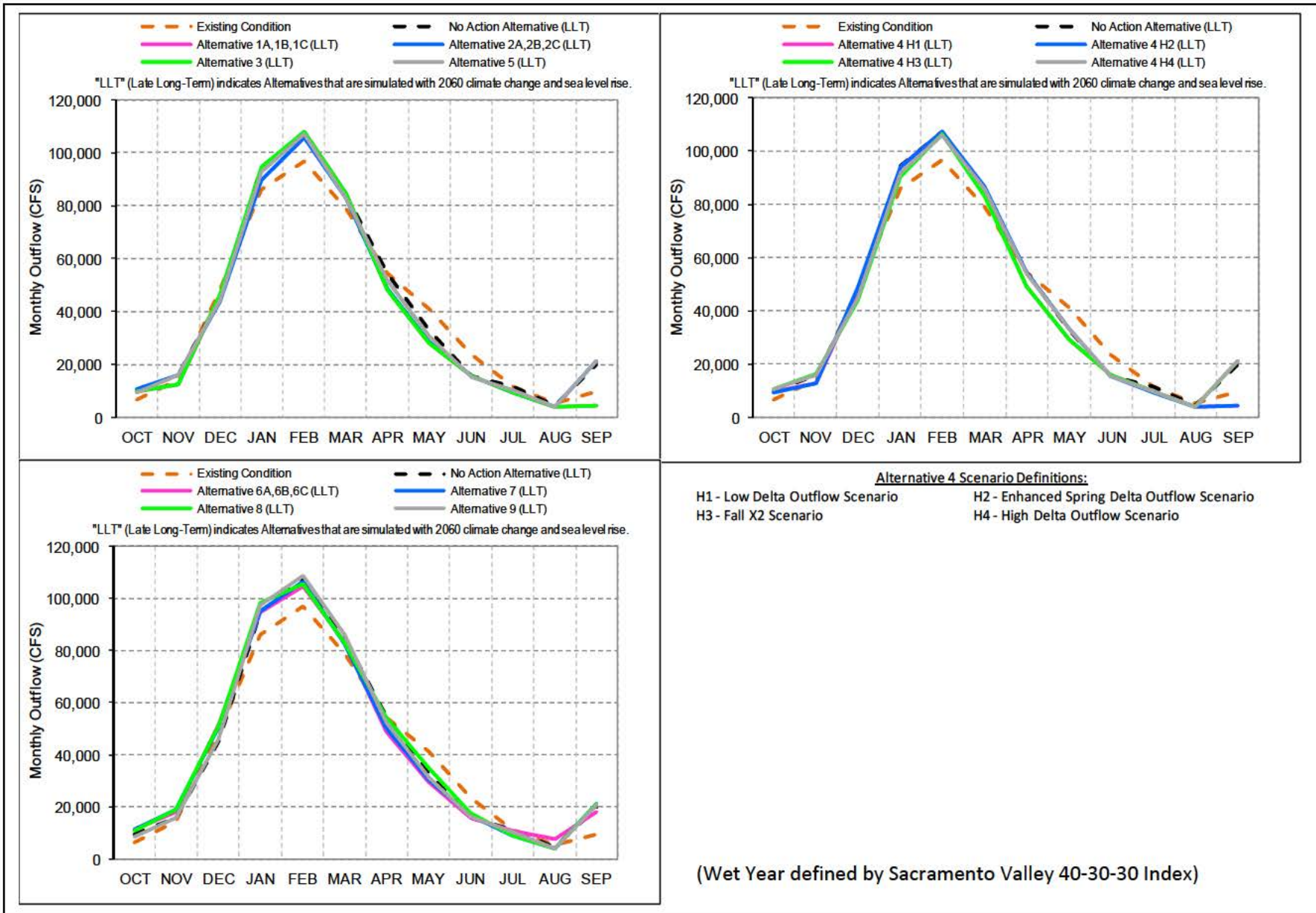


Figure 5-4
Sacramento–San Joaquin River Delta Wet Year Average Monthly Outflow

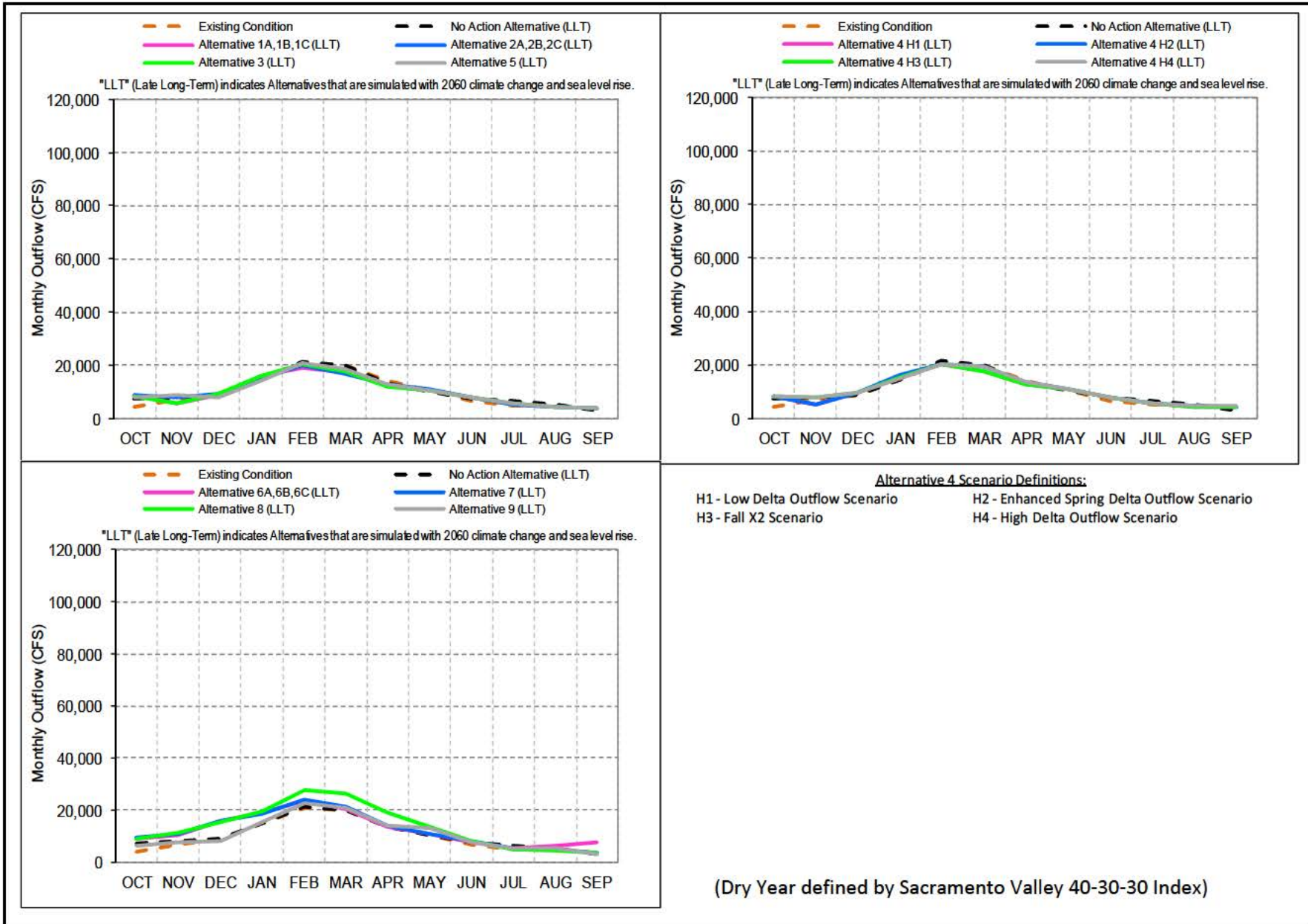


Figure 5-5
Sacramento–San Joaquin River Delta Dry Year Average Monthly Outflow

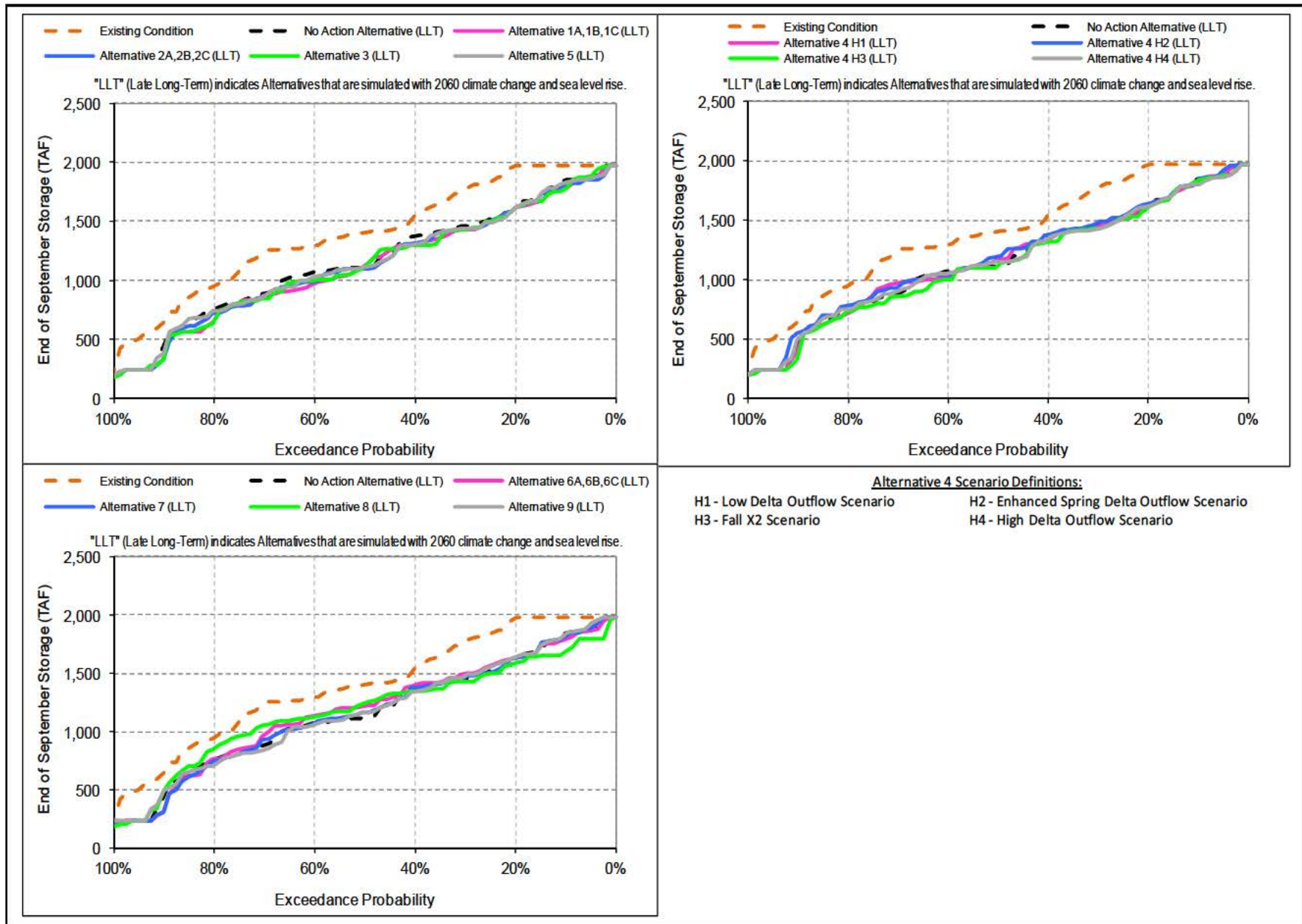


Figure 5-6
Trinity Lake End of September Storage

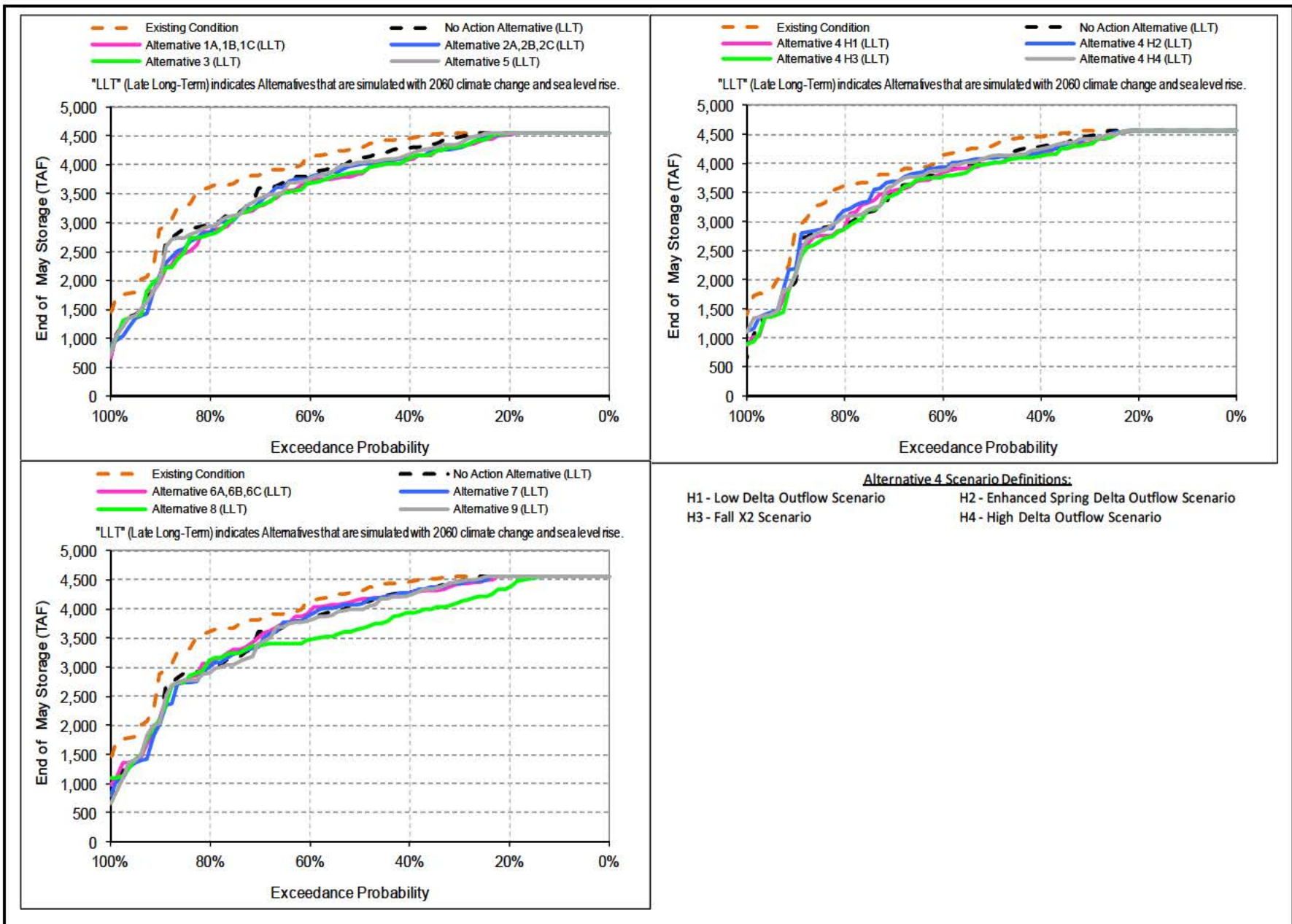


Figure 5-7
Shasta Lake End of May Storage

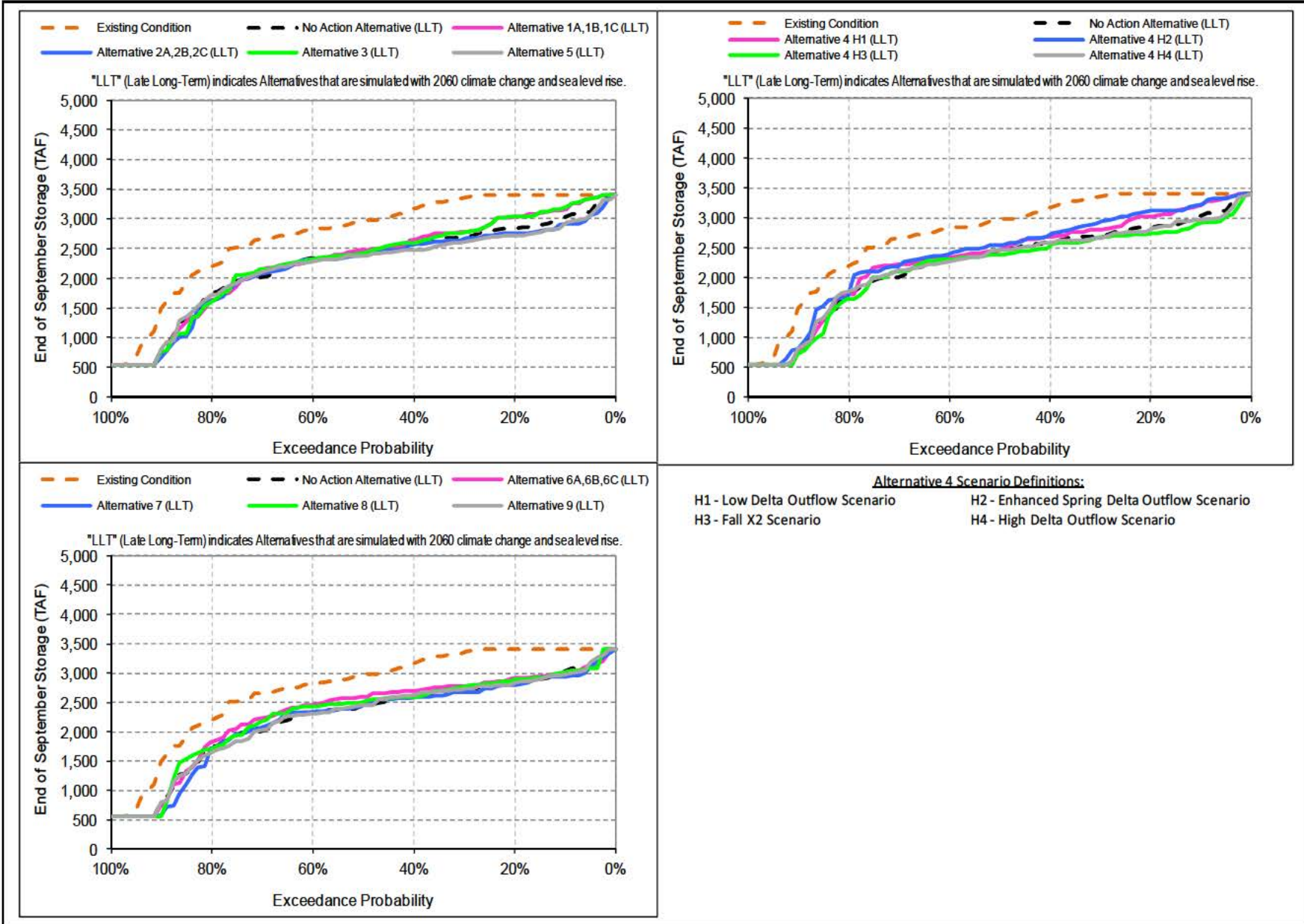


Figure 5-8
Shasta Lake End of September Storage

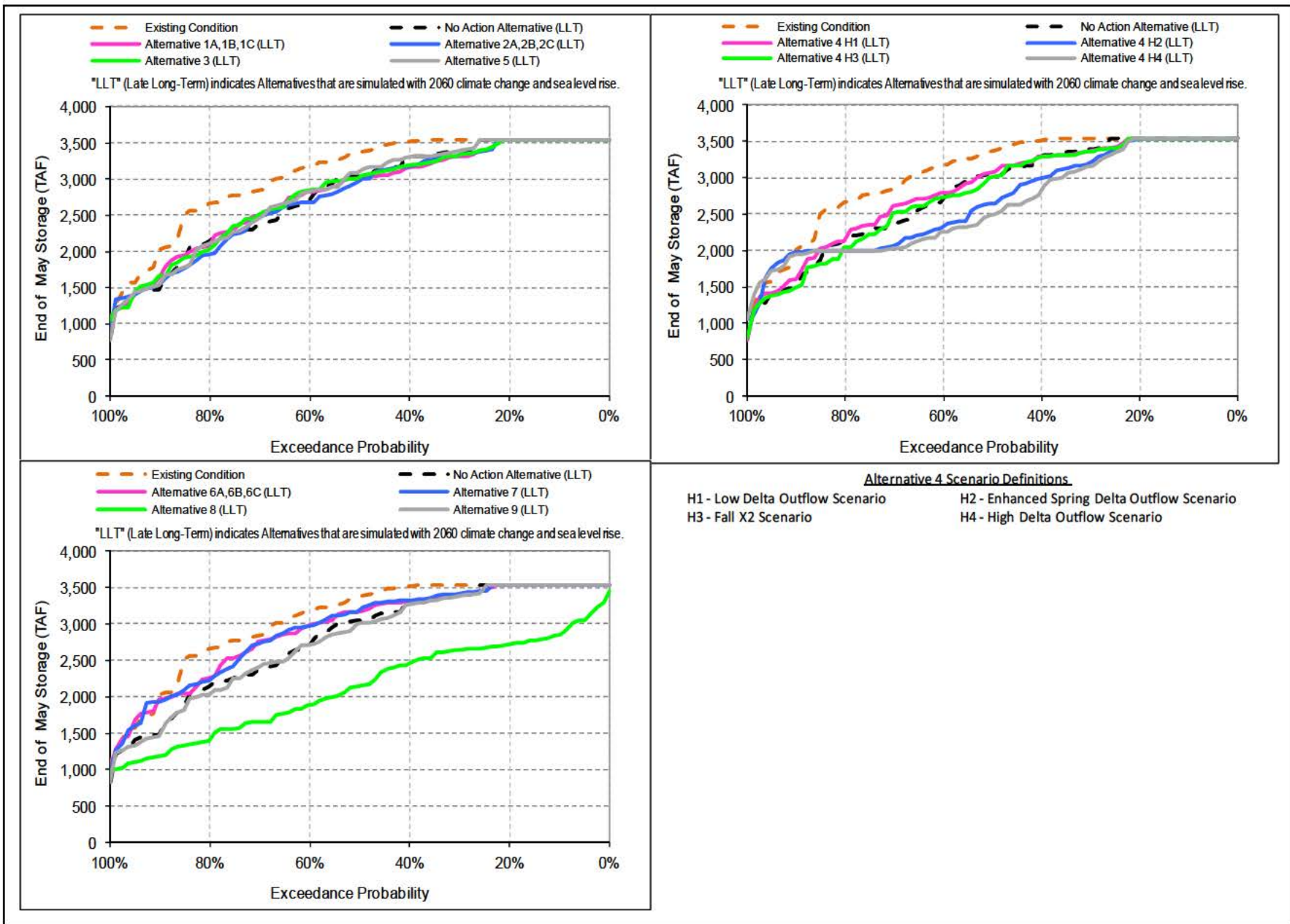


Figure 5-9
Lake Oroville End of May Storage

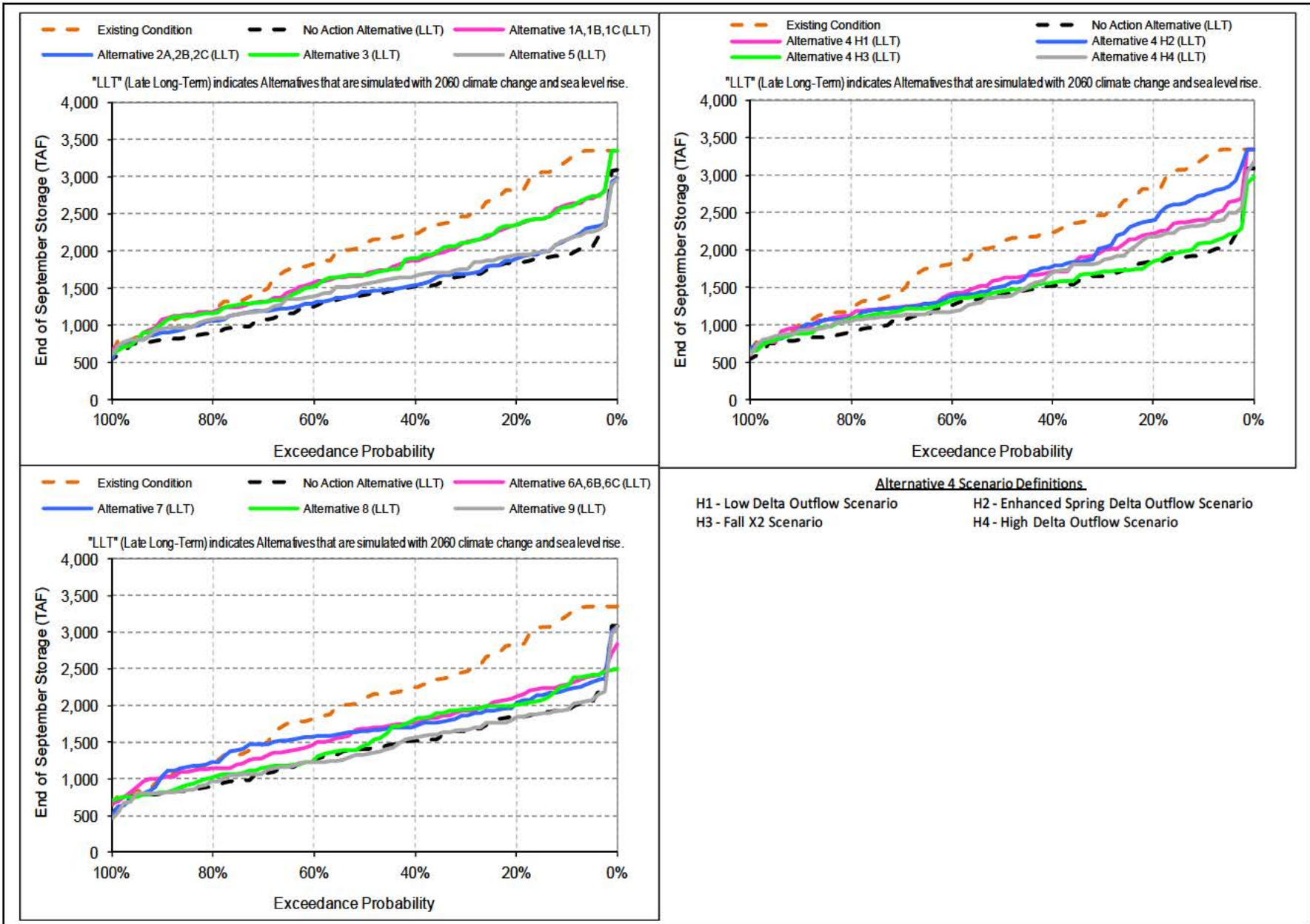


Figure 5-10
Lake Oroville End of September Storage

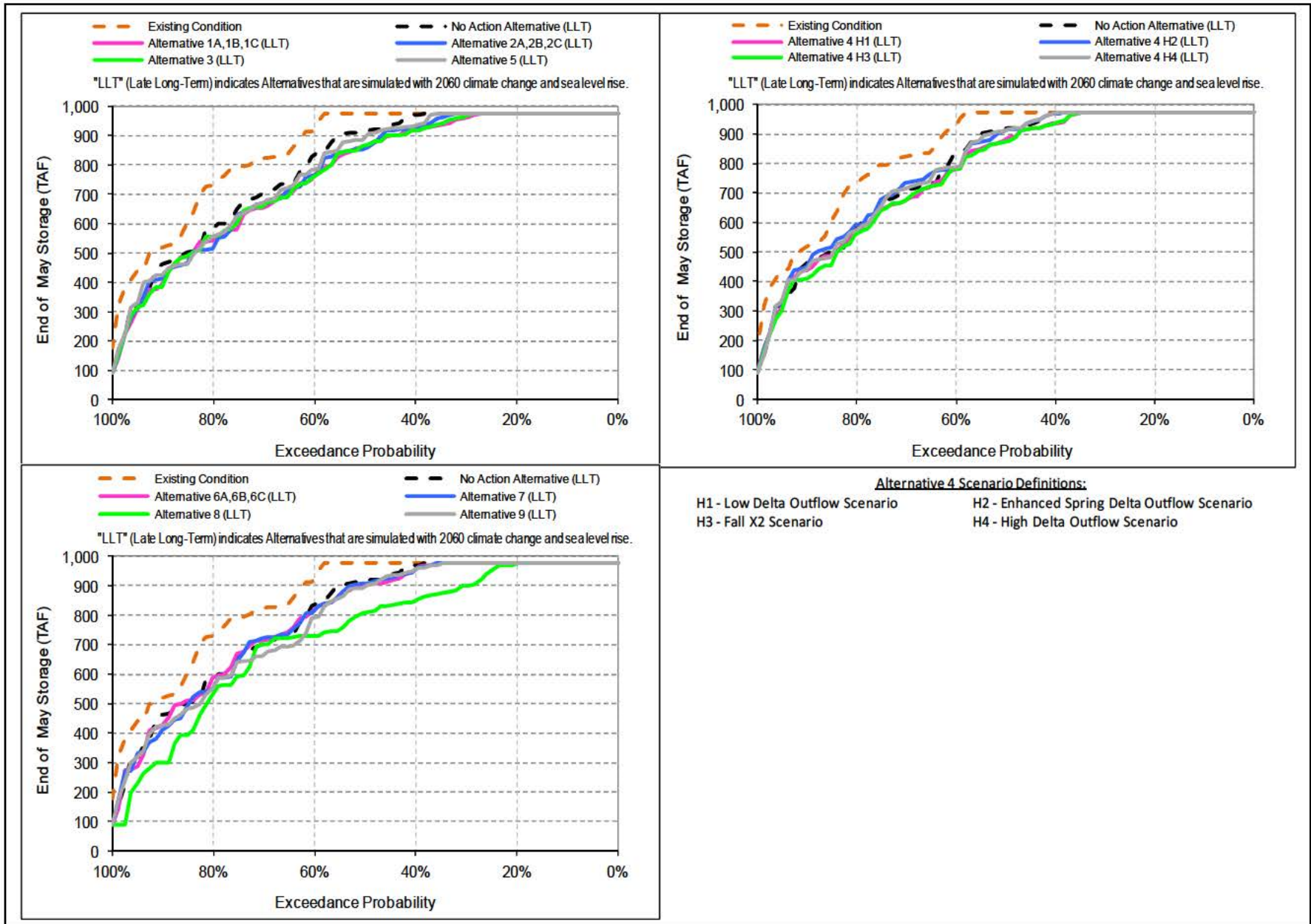


Figure 5-11
Folsom Lake End of May Storage

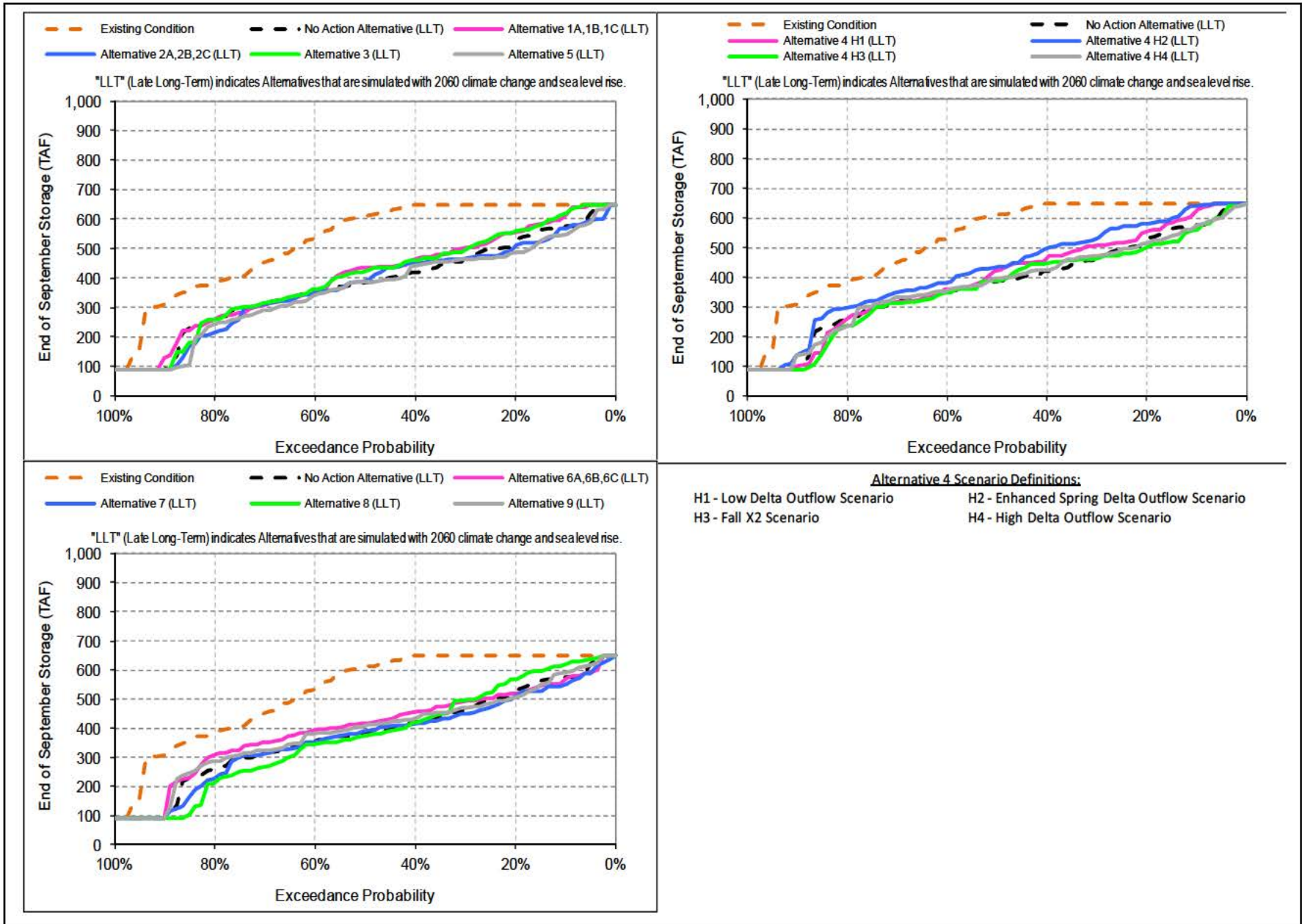


Figure 5-12
Folsom Lake End of September Storage

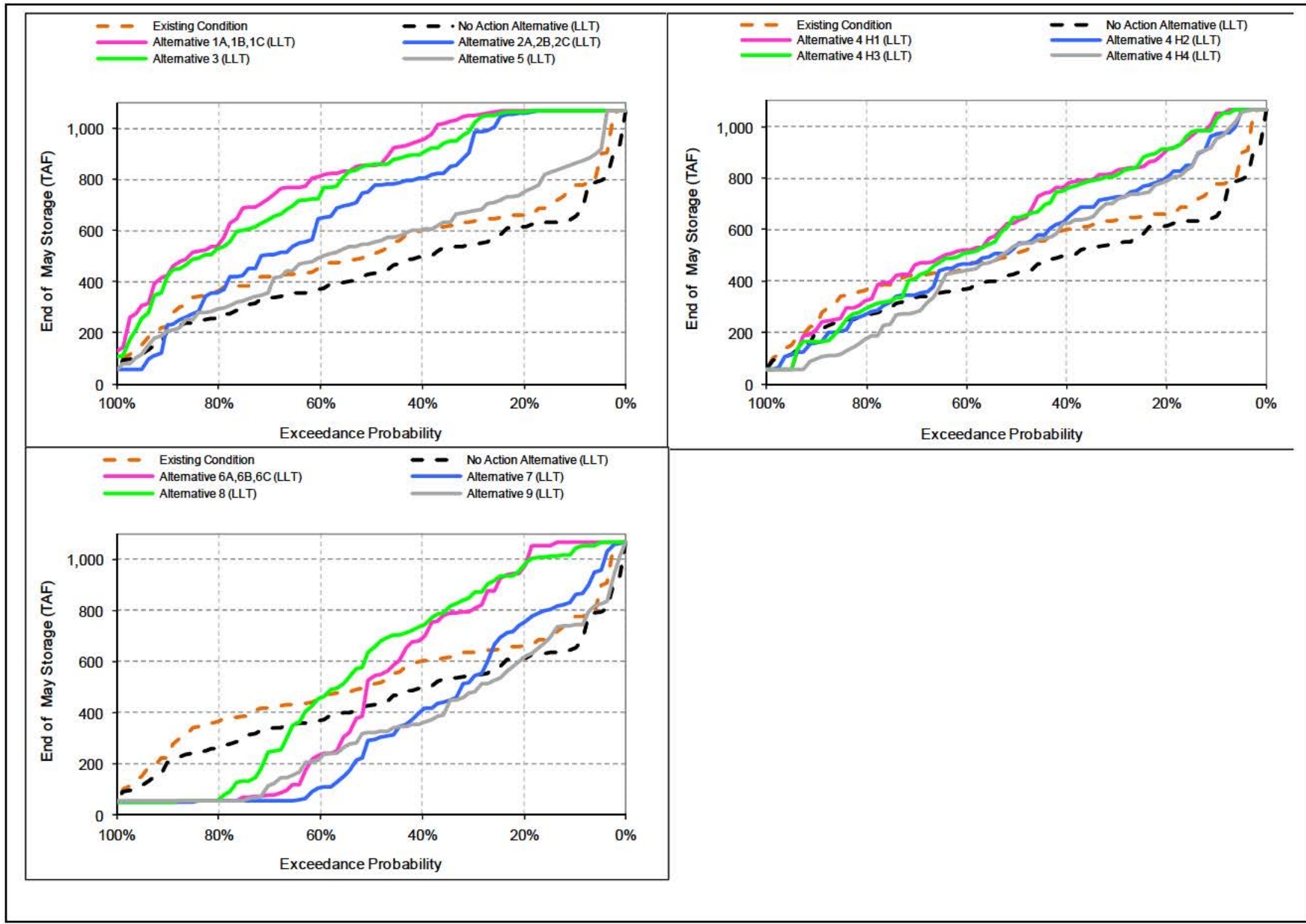


Figure 5-13
SWP San Luis Reservoir End of May Storage

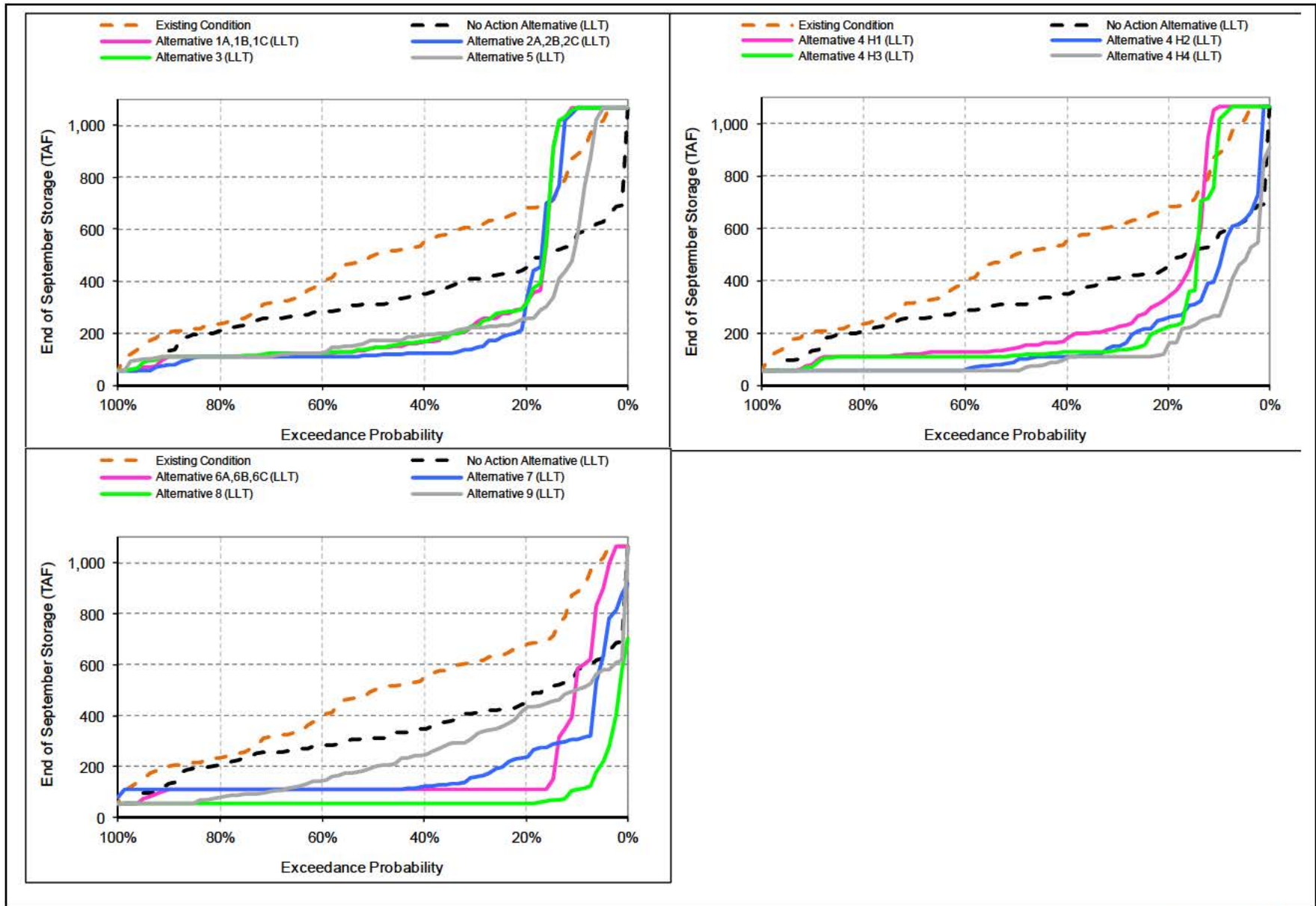


Figure 5-14
SWP San Luis Reservoir End of September Storage

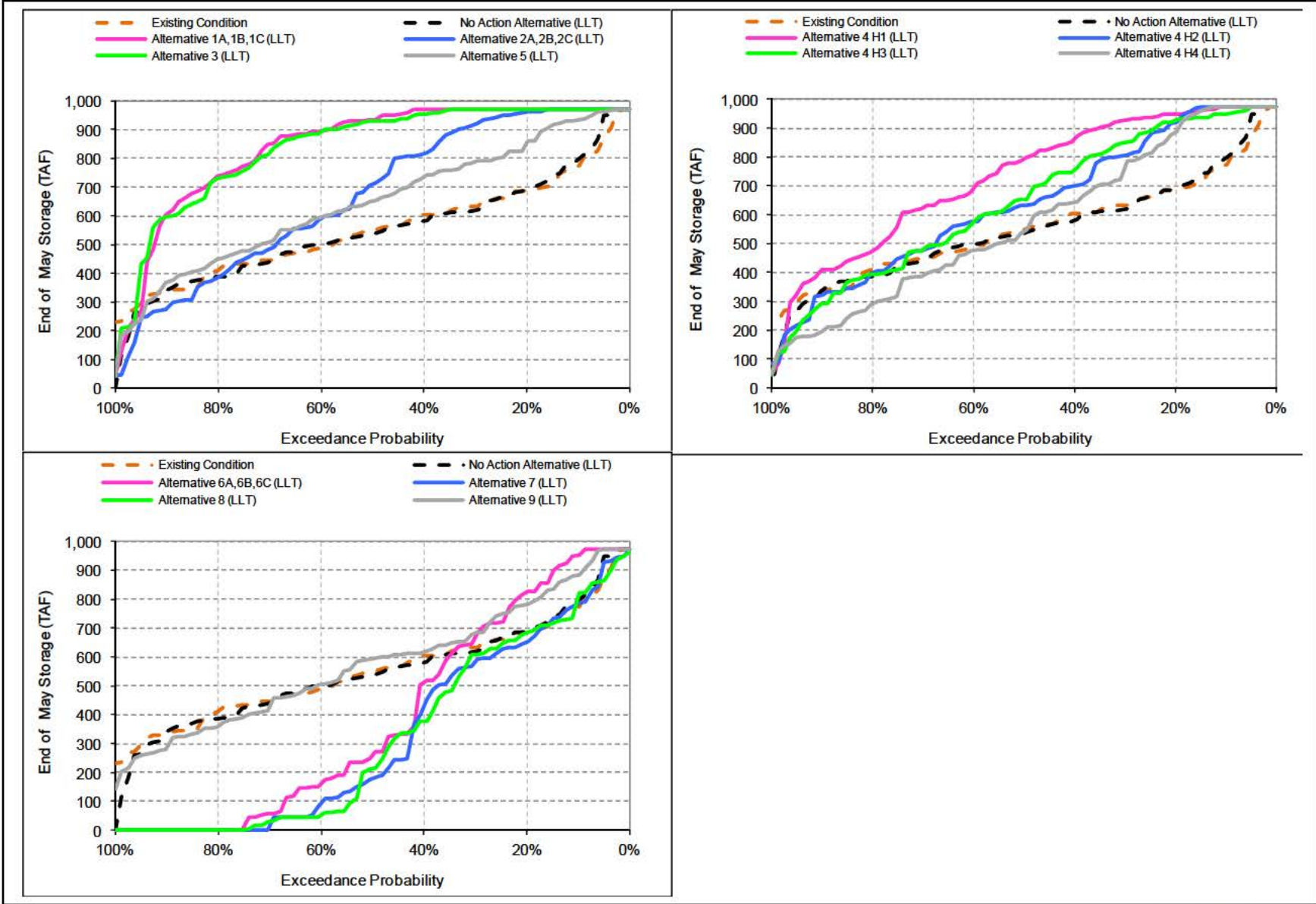


Figure 5-15
CVP San Luis Reservoir End of May Storage

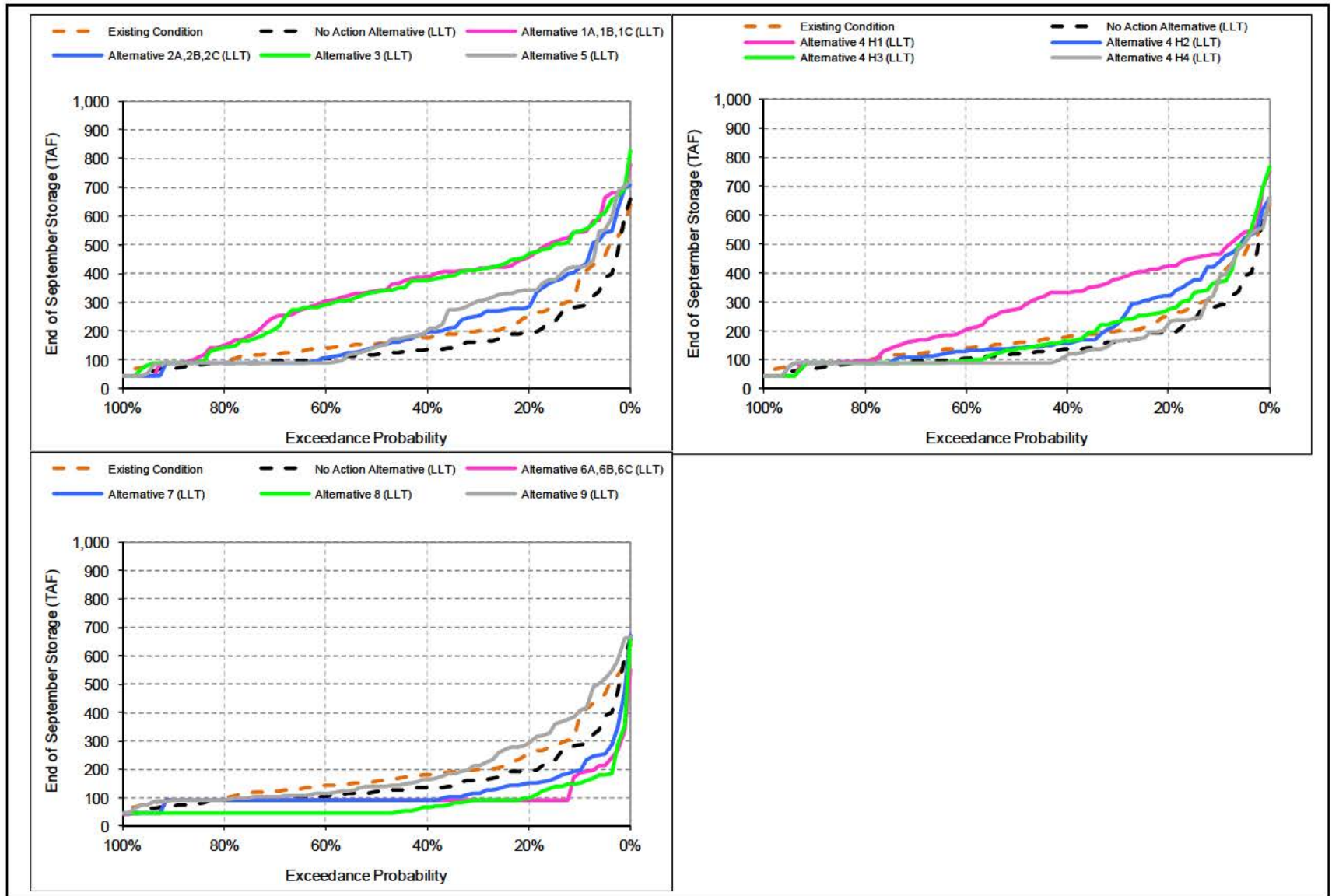


Figure 5-16
CVP San Luis Reservoir End of September Storage

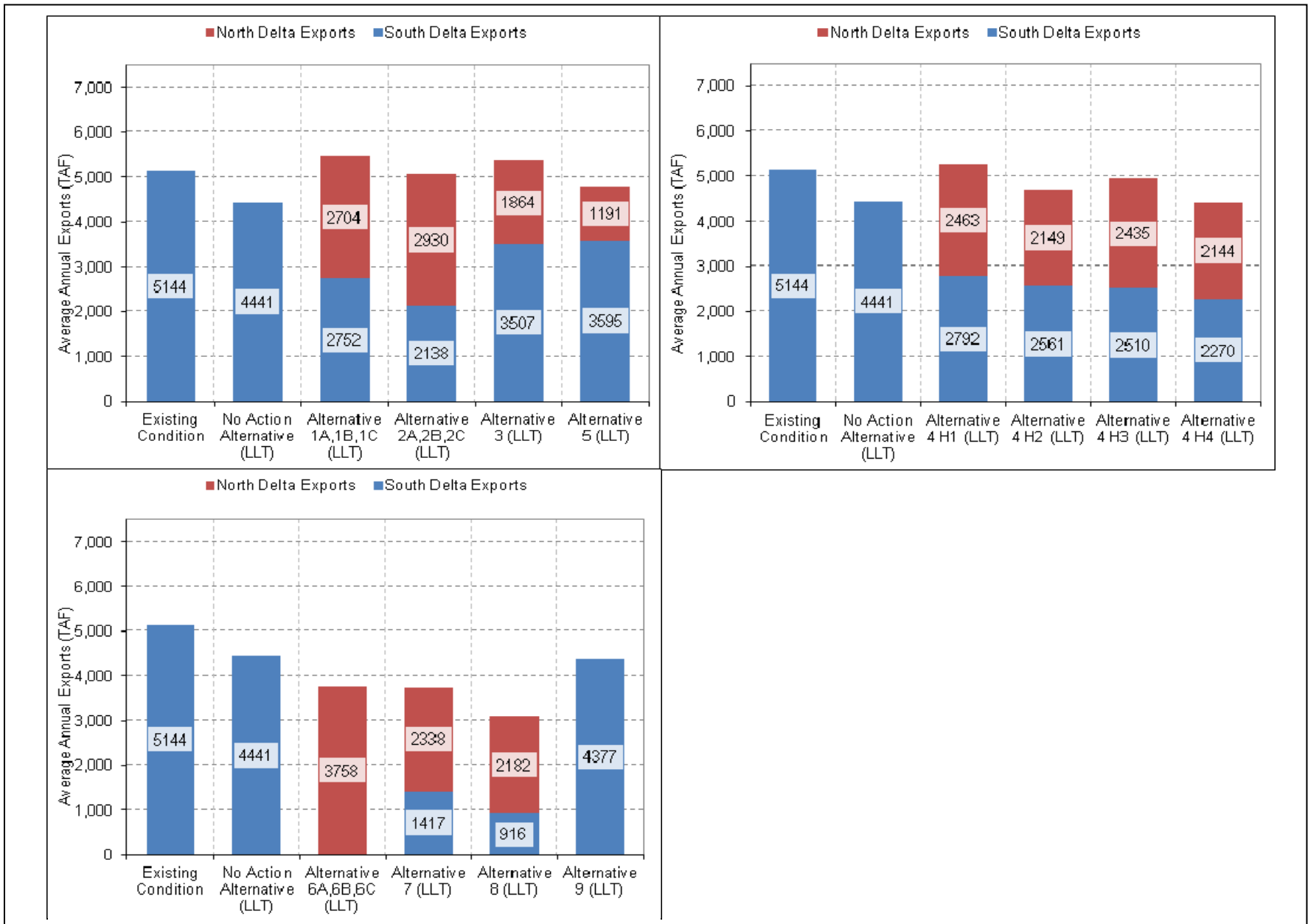
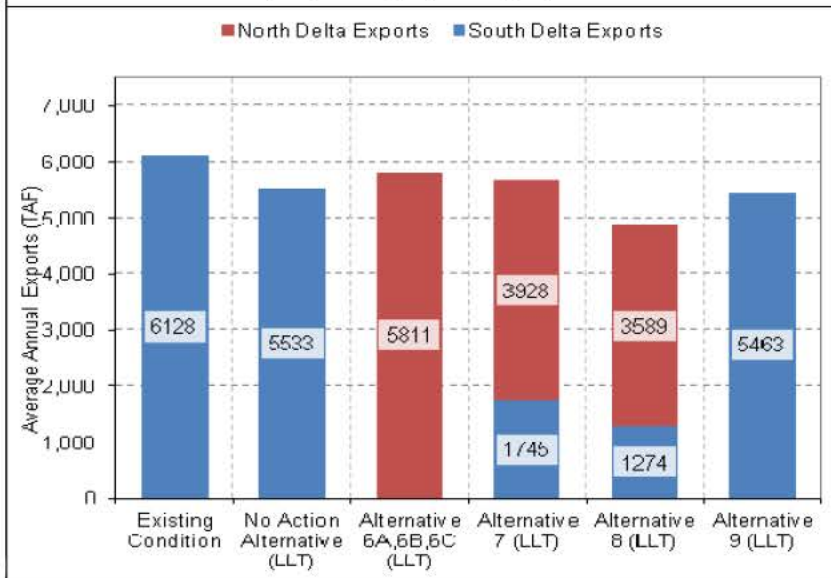
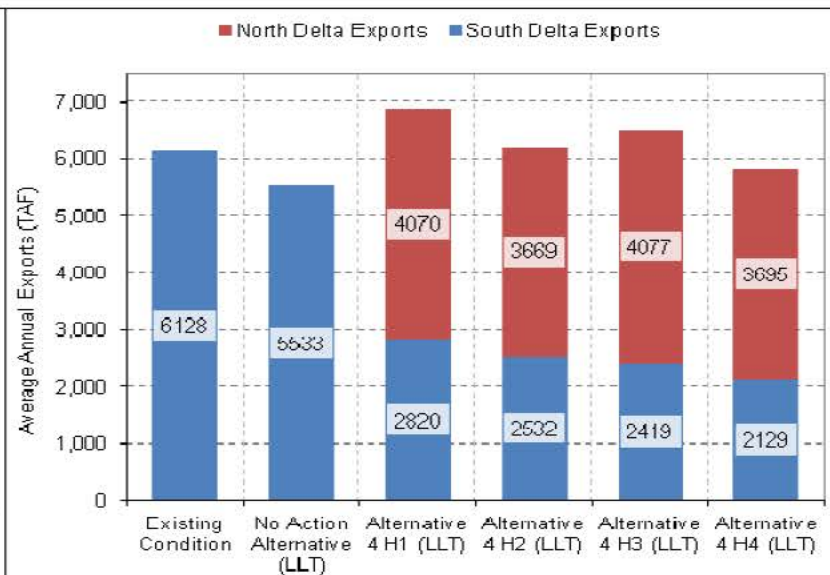
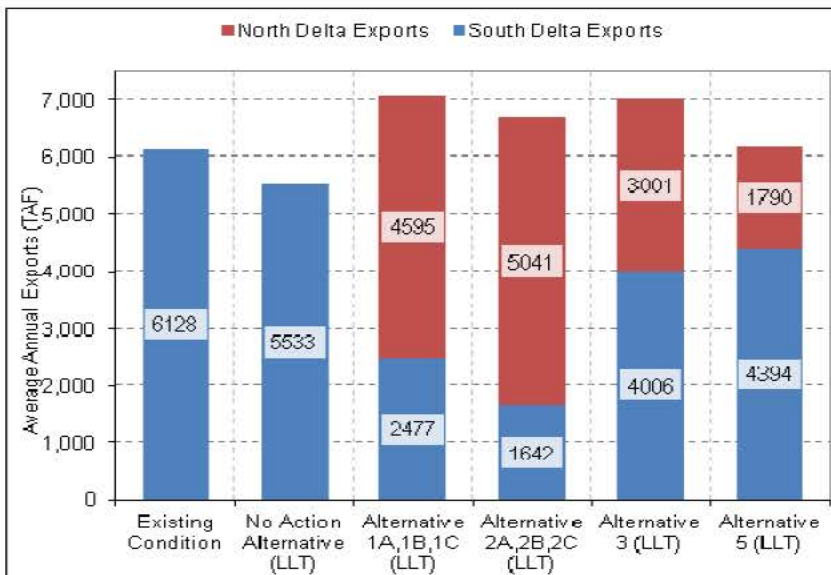


Figure 5-17
North and South Delta Exports—Long-Term Average



(Wet Year defined by Sacramento Valley 40 30 30 Index)

Figure 5-18
North and South Delta Exports—Wet Year Average

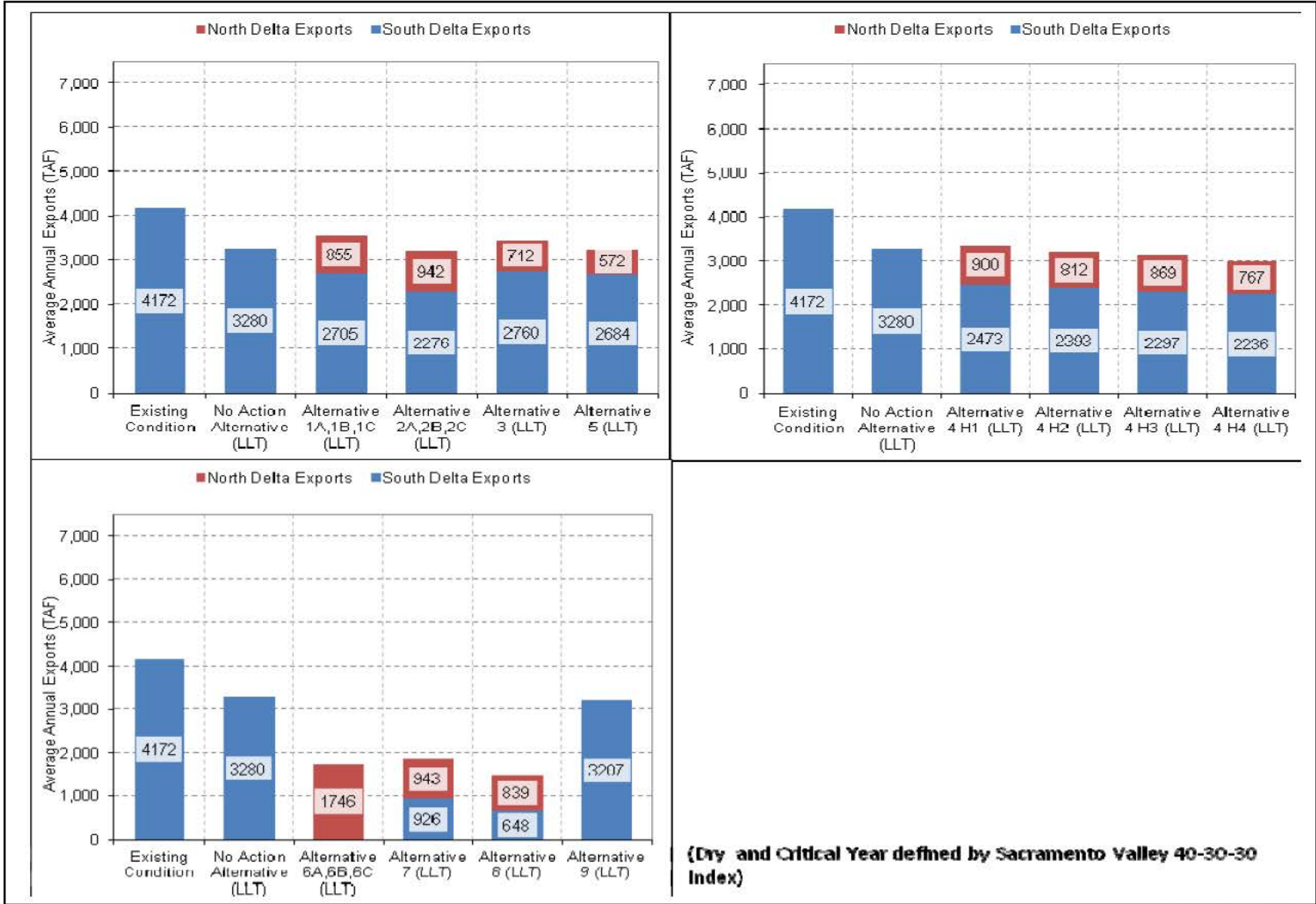


Figure 5-19
North and South Delta Exports—Dry and Critical Year Average

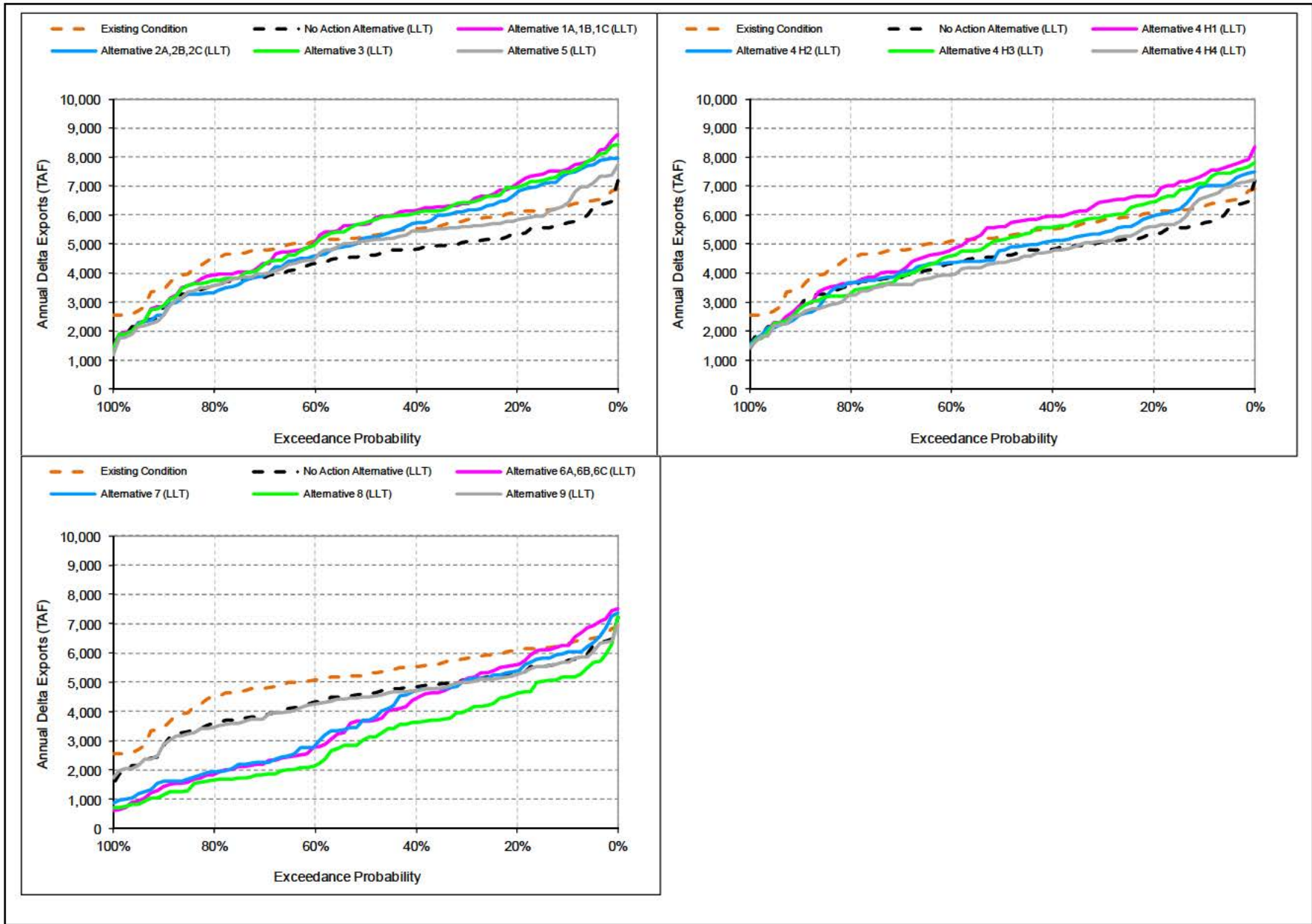


Figure 5-20
Total Delta Exports

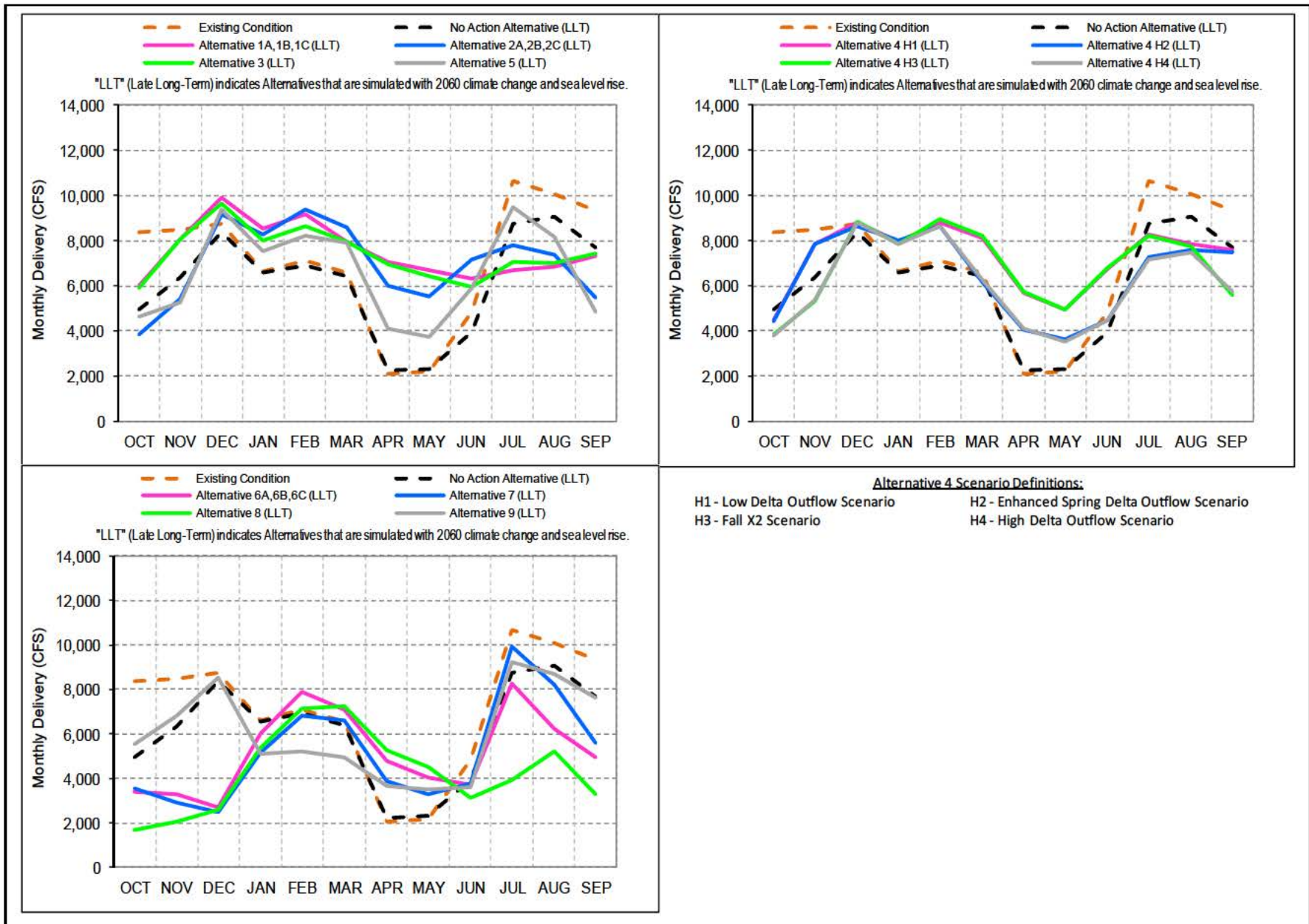


Figure 5-21
Total Delta Exports—Long-Term Average Monthly

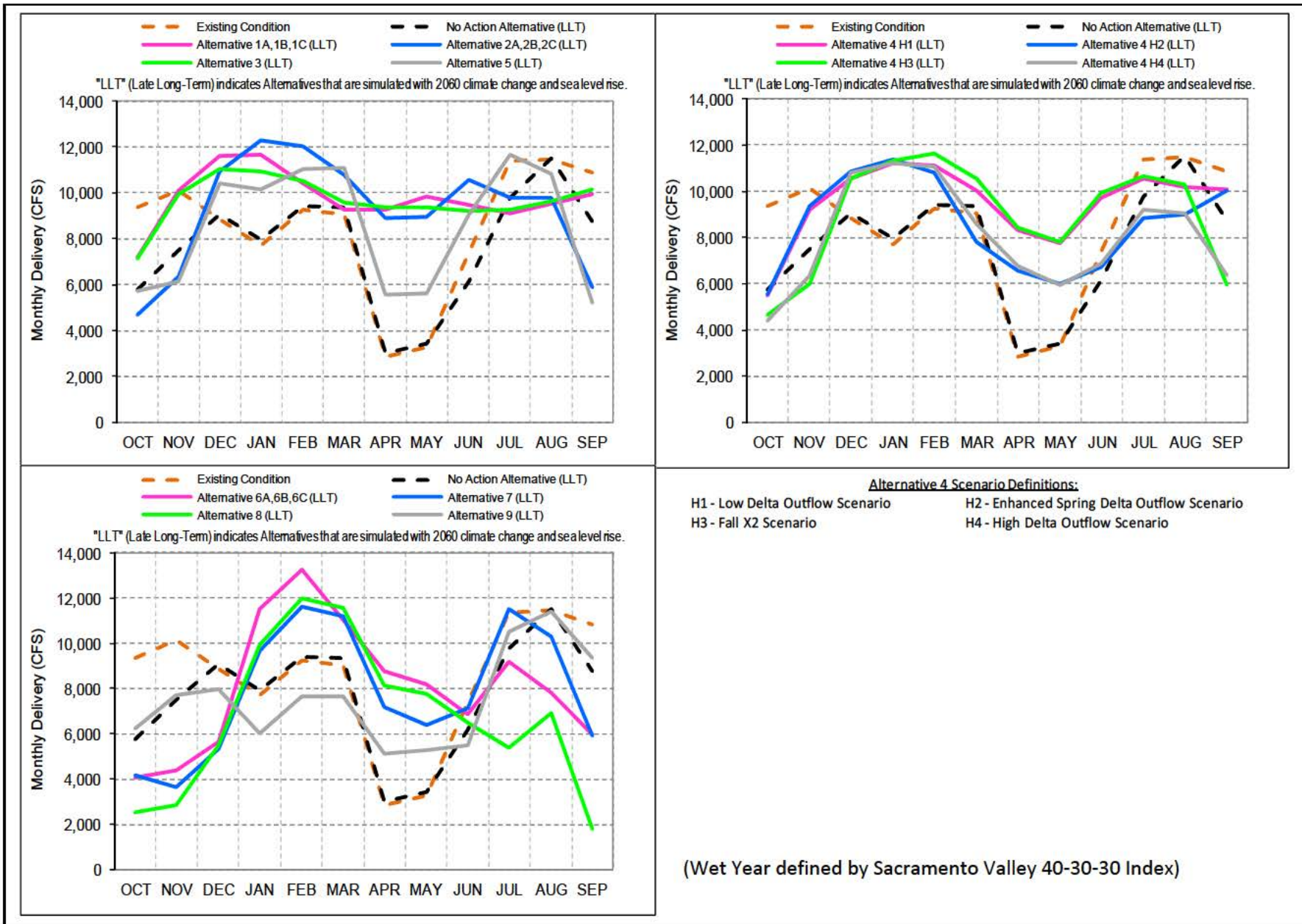


Figure 5-22
Total Delta Exports—Wet Year Average Monthly

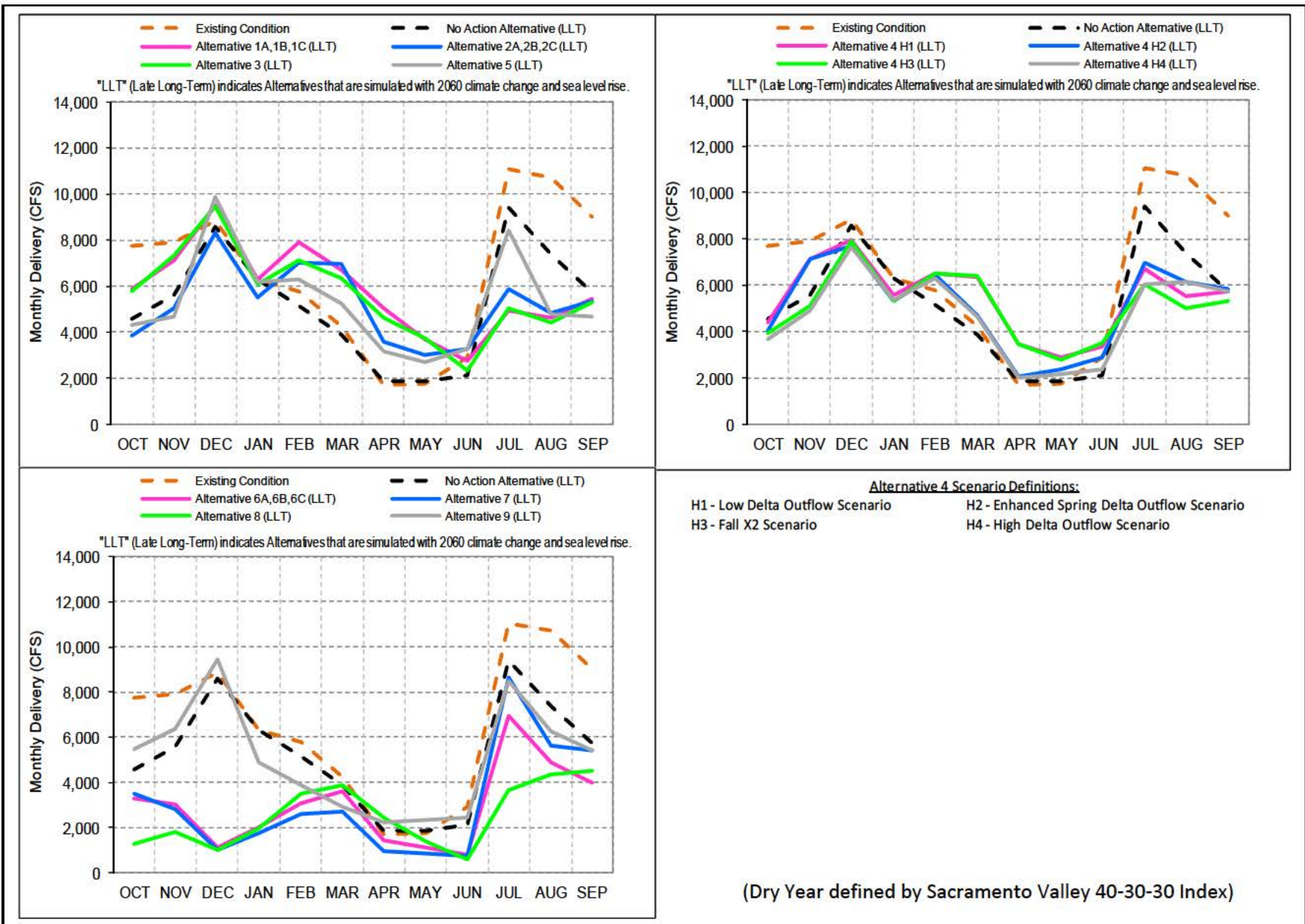


Figure 5-23
Total Delta Exports—Dry Year Average Monthly

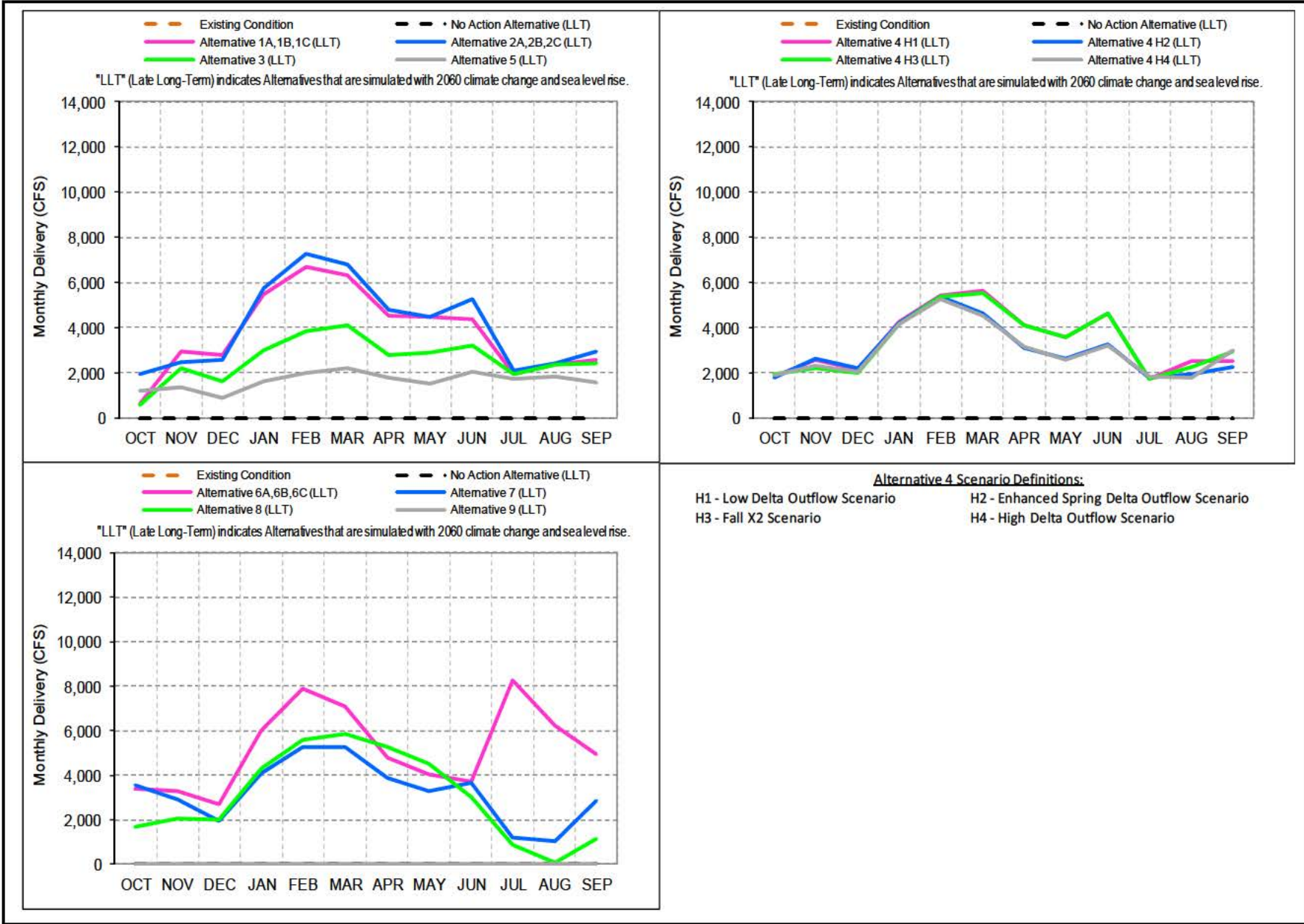


Figure 5-24
SWP and CVP North Delta Exports—Average Monthly

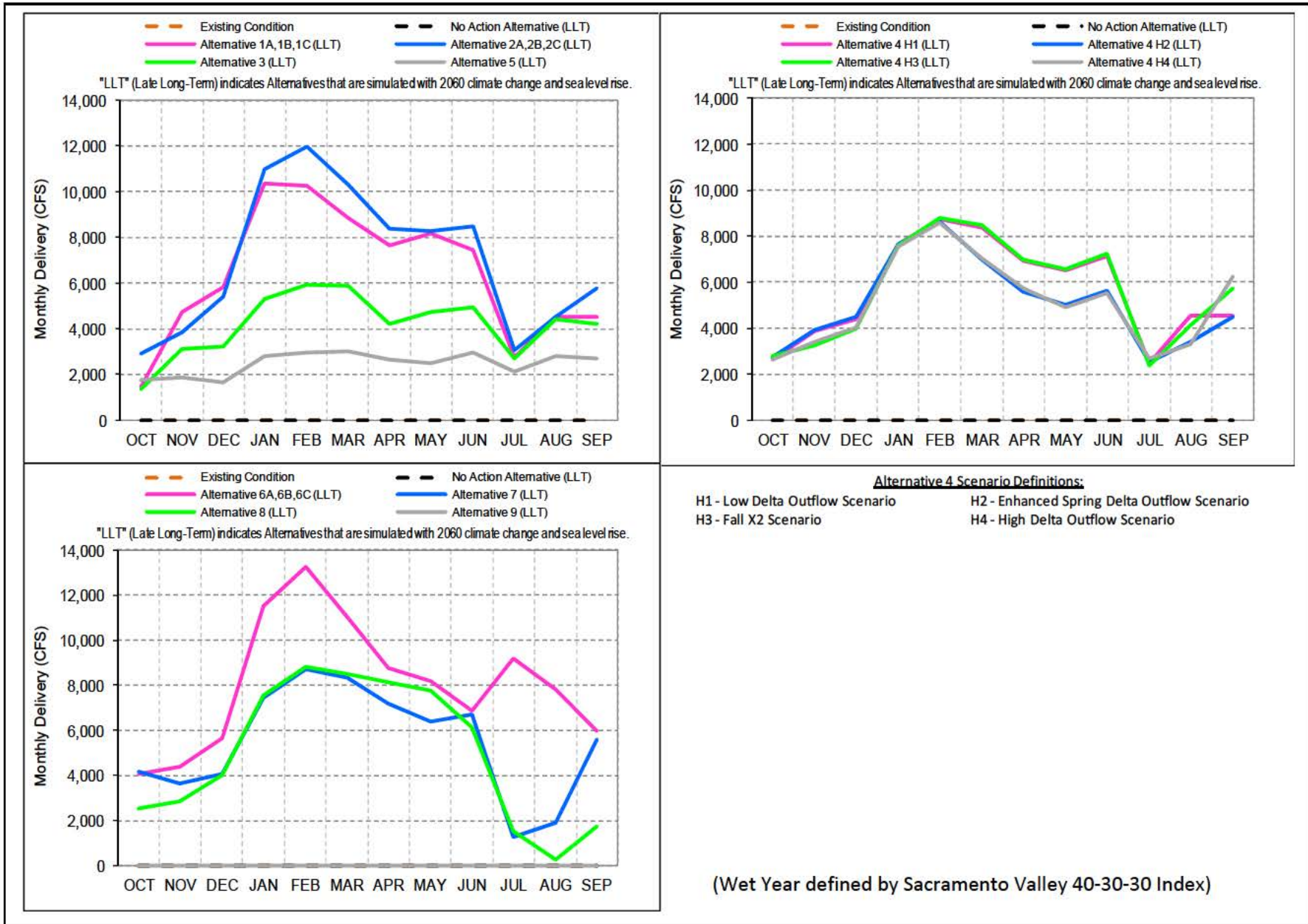


Figure 5-25
SWP and CVP North Delta Exports—Wet Year Average Monthly

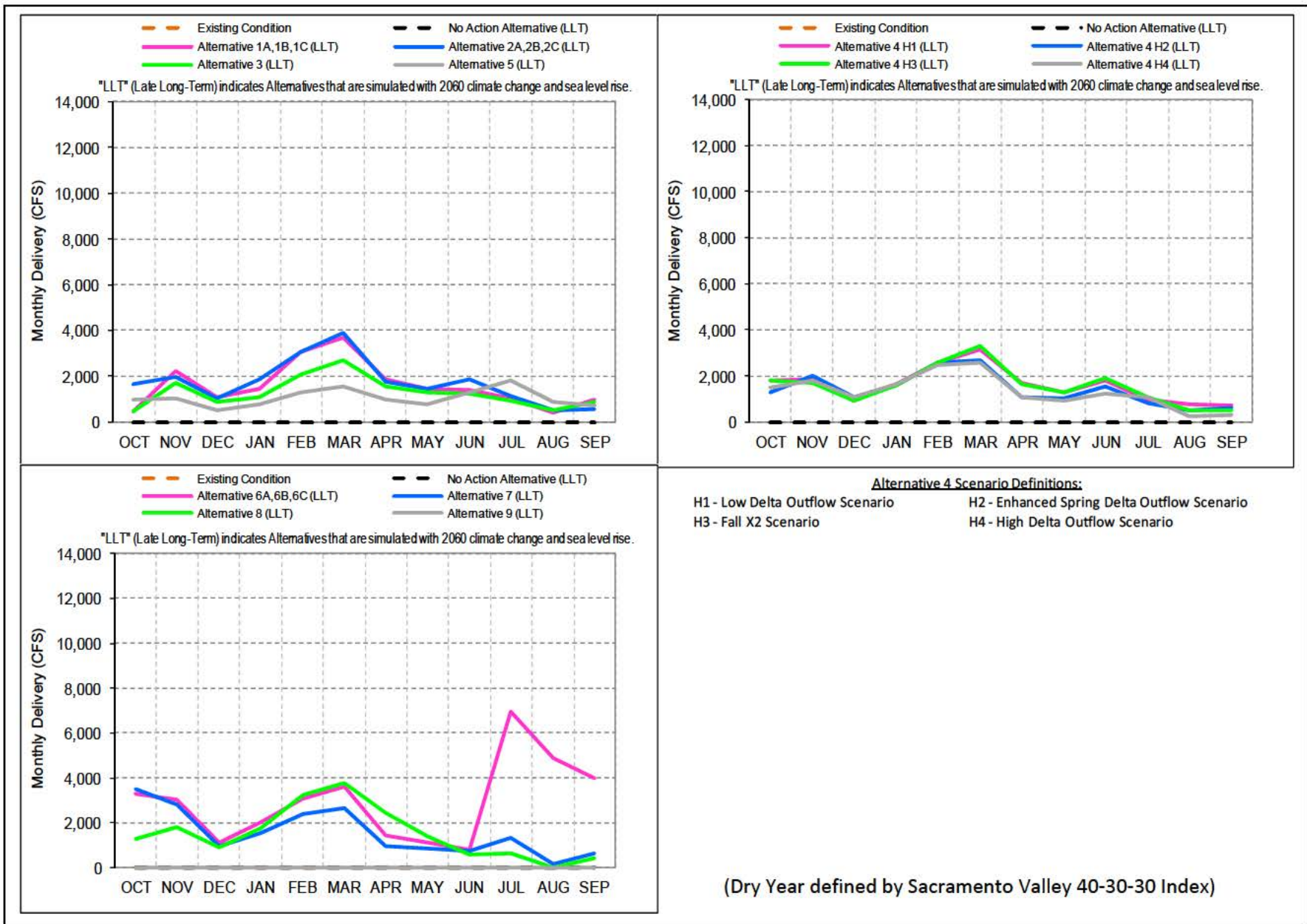


Figure 5-26
SWP and CVP North Delta Exports—Dry Year Average Monthly

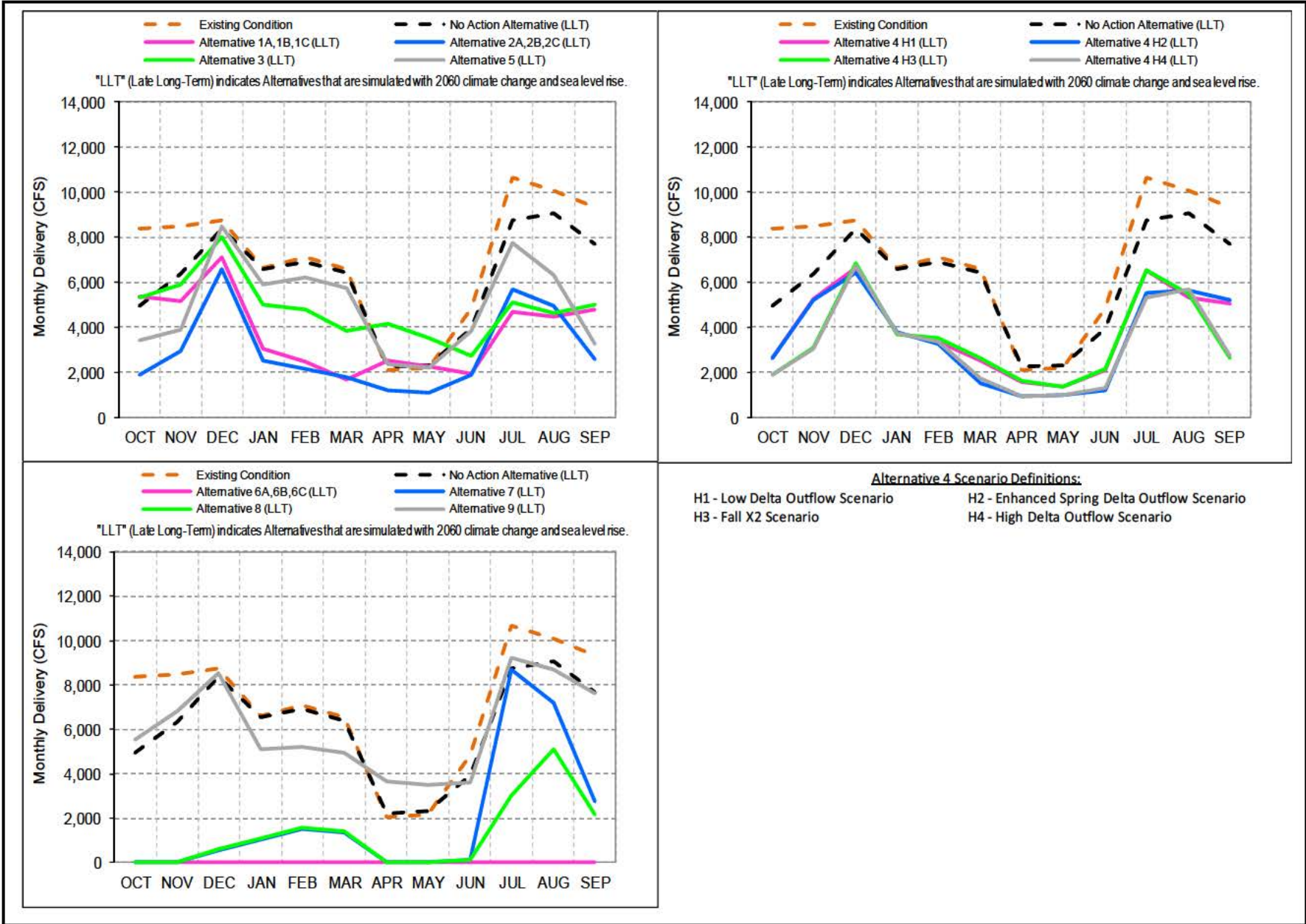


Figure 5-27
SWP and CVP South Delta Exports—Average Monthly

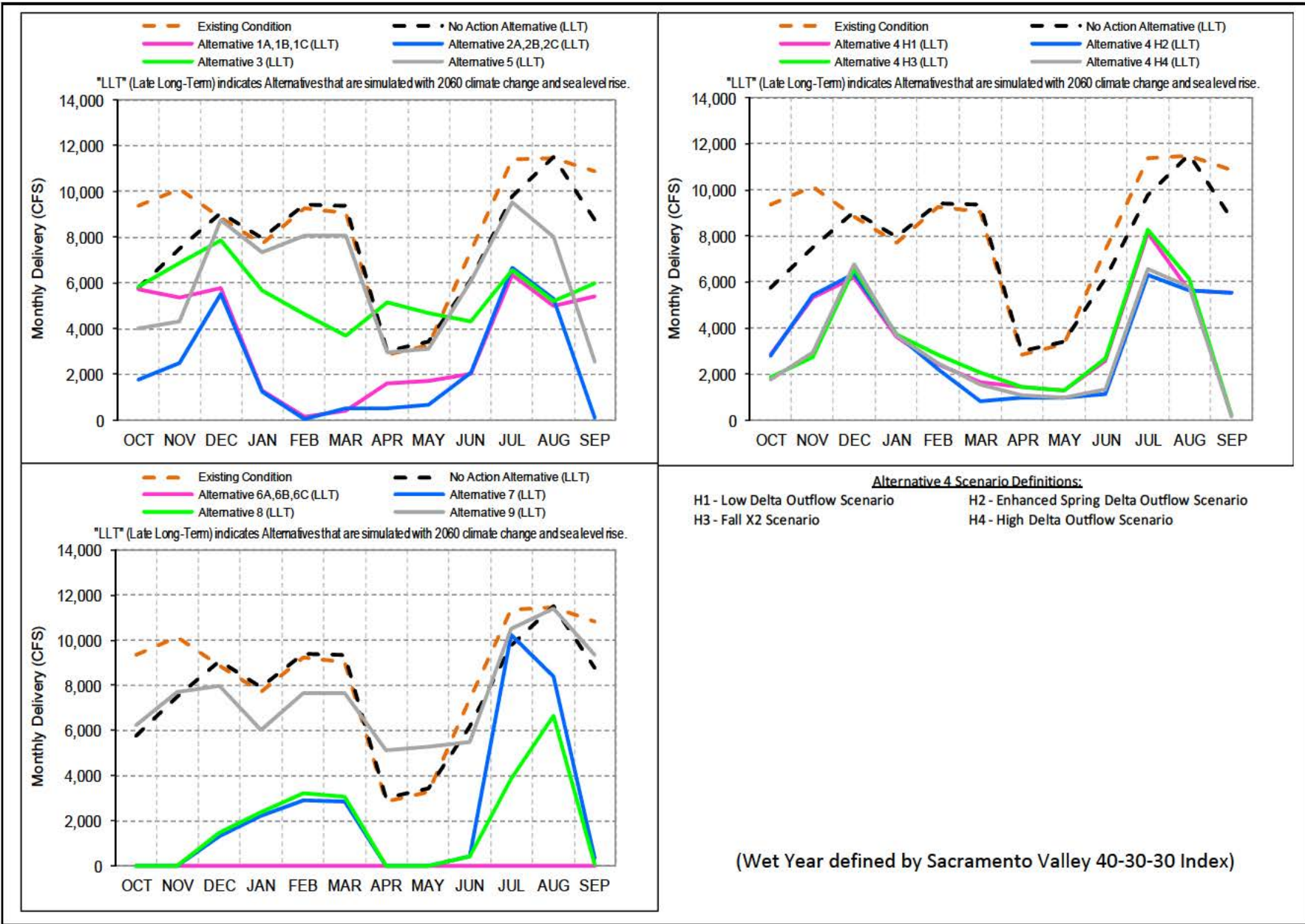


Figure 5-28
SWP and CVP South Delta Exports—Wet Year Average Monthly

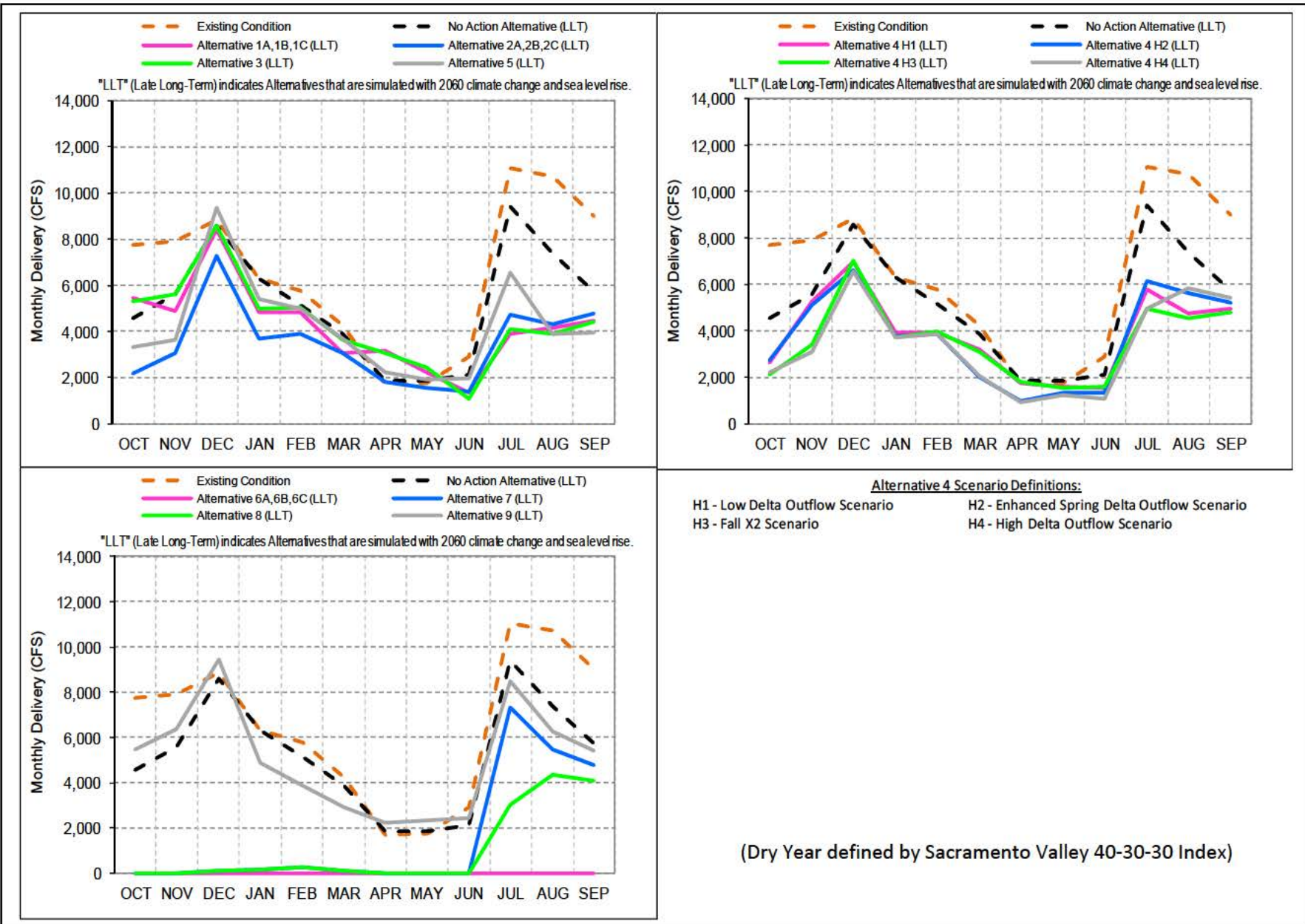


Figure 5-29
SWP and CVP South Delta Exports—Dry Year Average Monthly

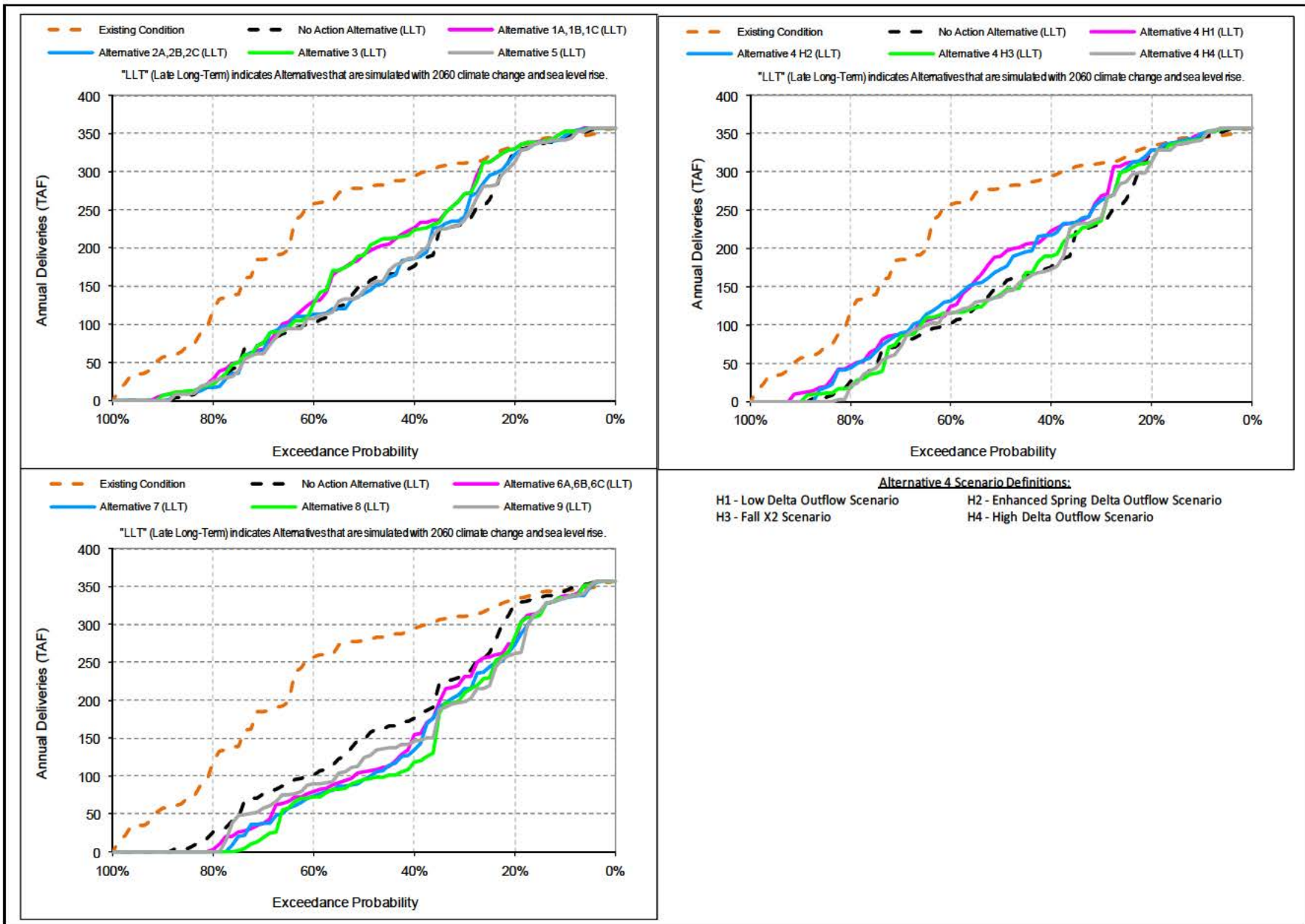


Figure 5-30
Annual CVP North of Delta Agricultural Water Service Contract Deliveries

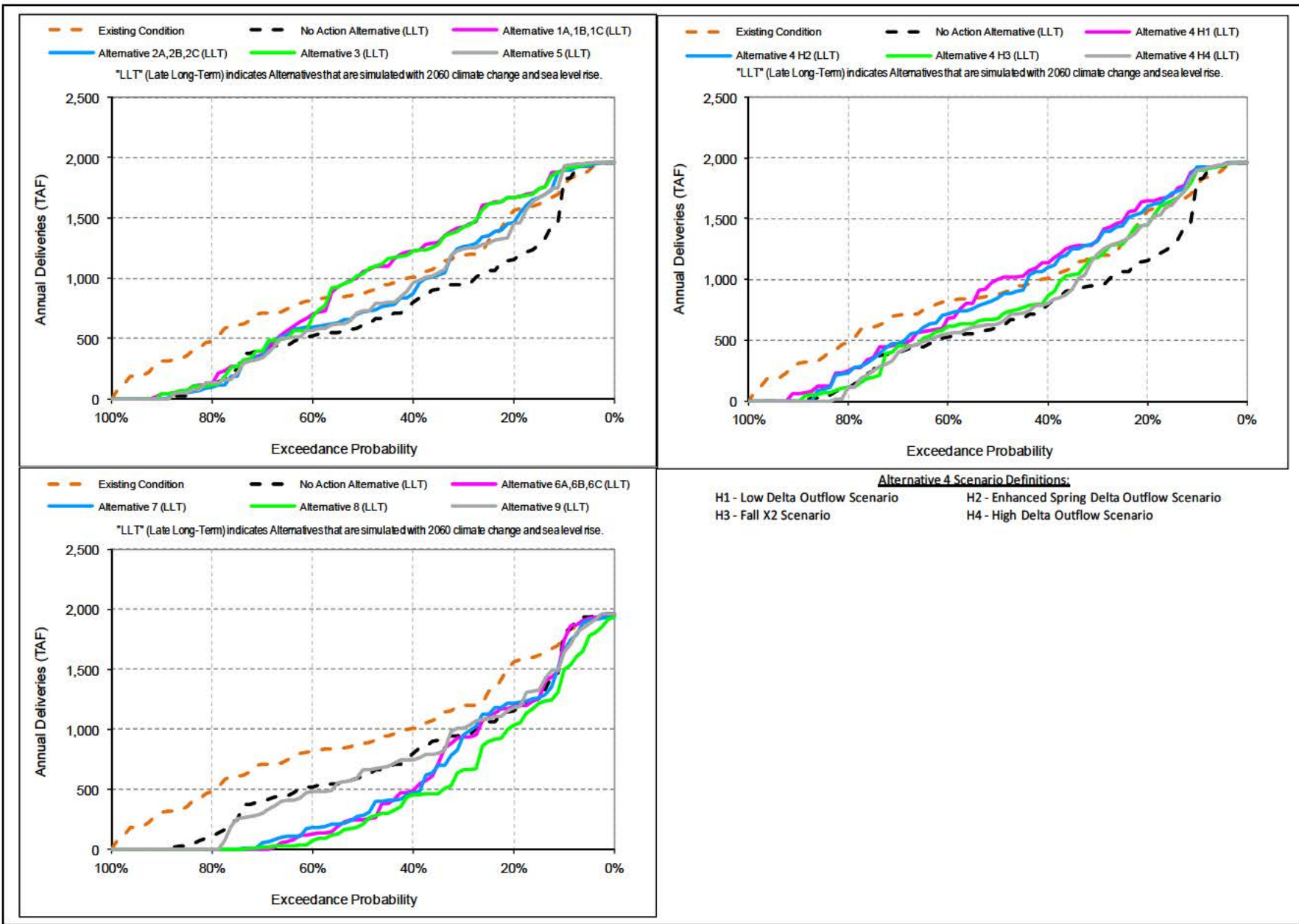


Figure 5-31
Annual CVP South of Delta Agricultural Water Service Contract Deliveries

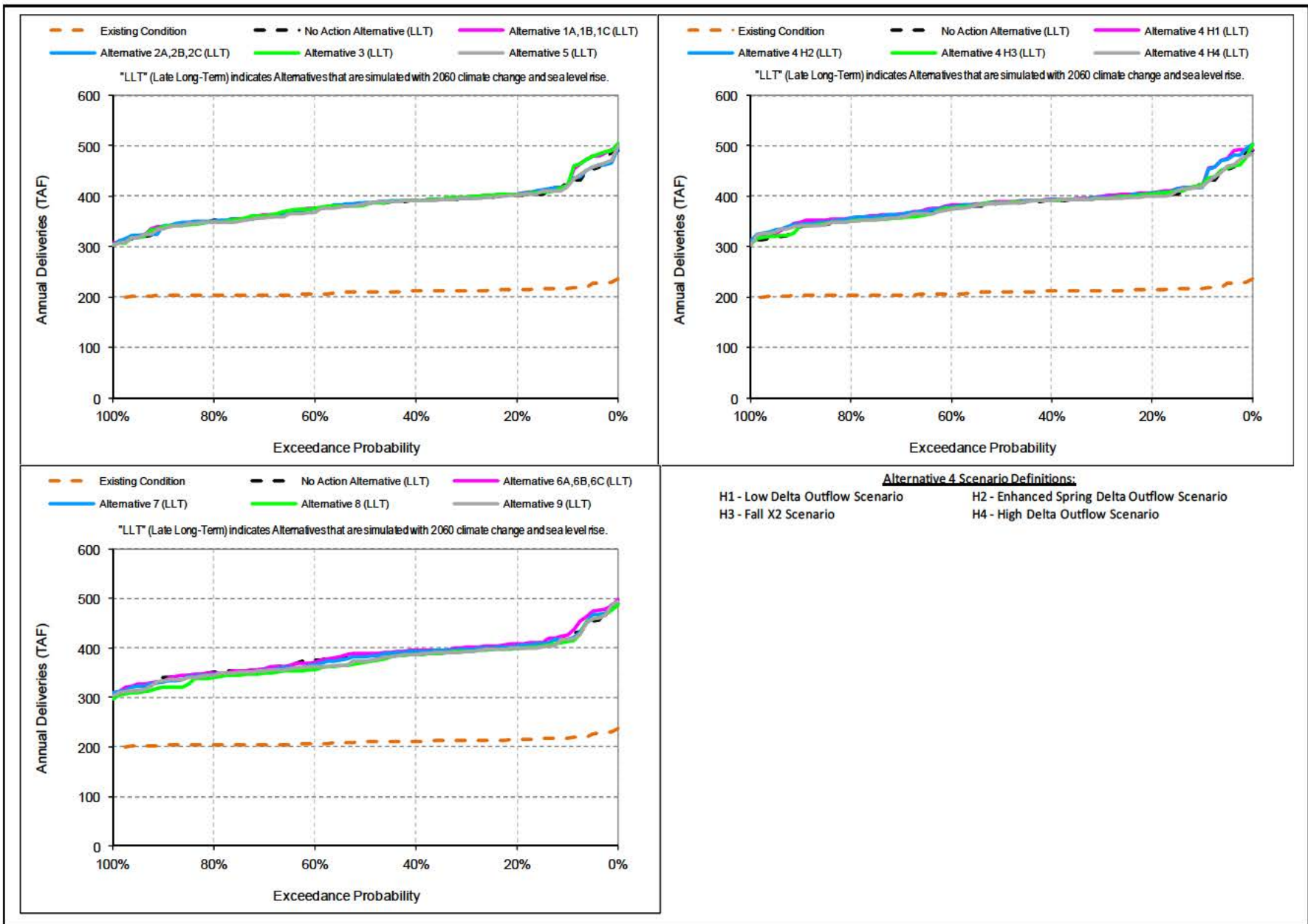


Figure 5-32
Annual CVP North of Delta Municipal and Industrial Water Service Contract Deliveries

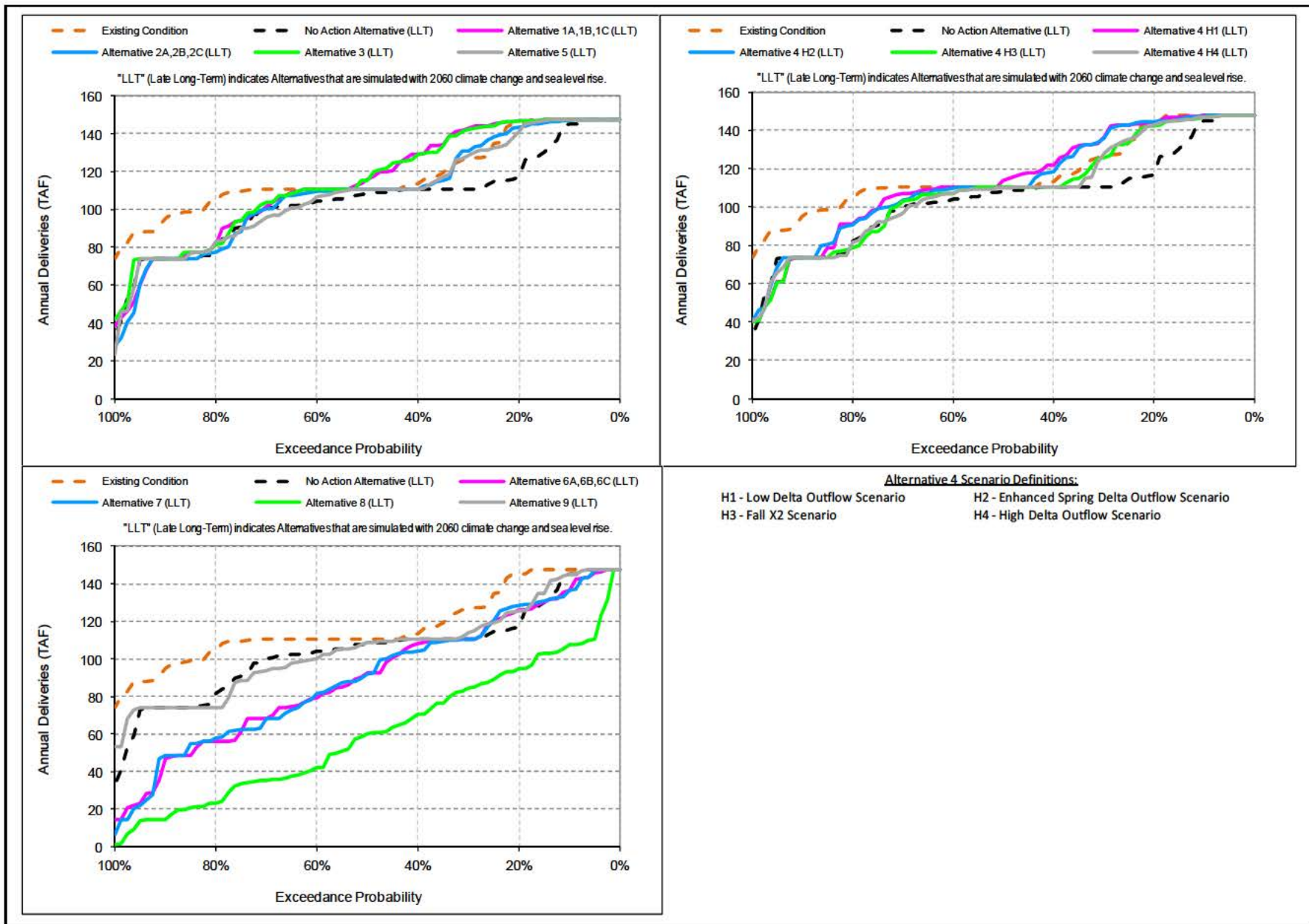


Figure 5-33
Annual CVP South of Delta Municipal and Industrial Water Service Contract Deliveries

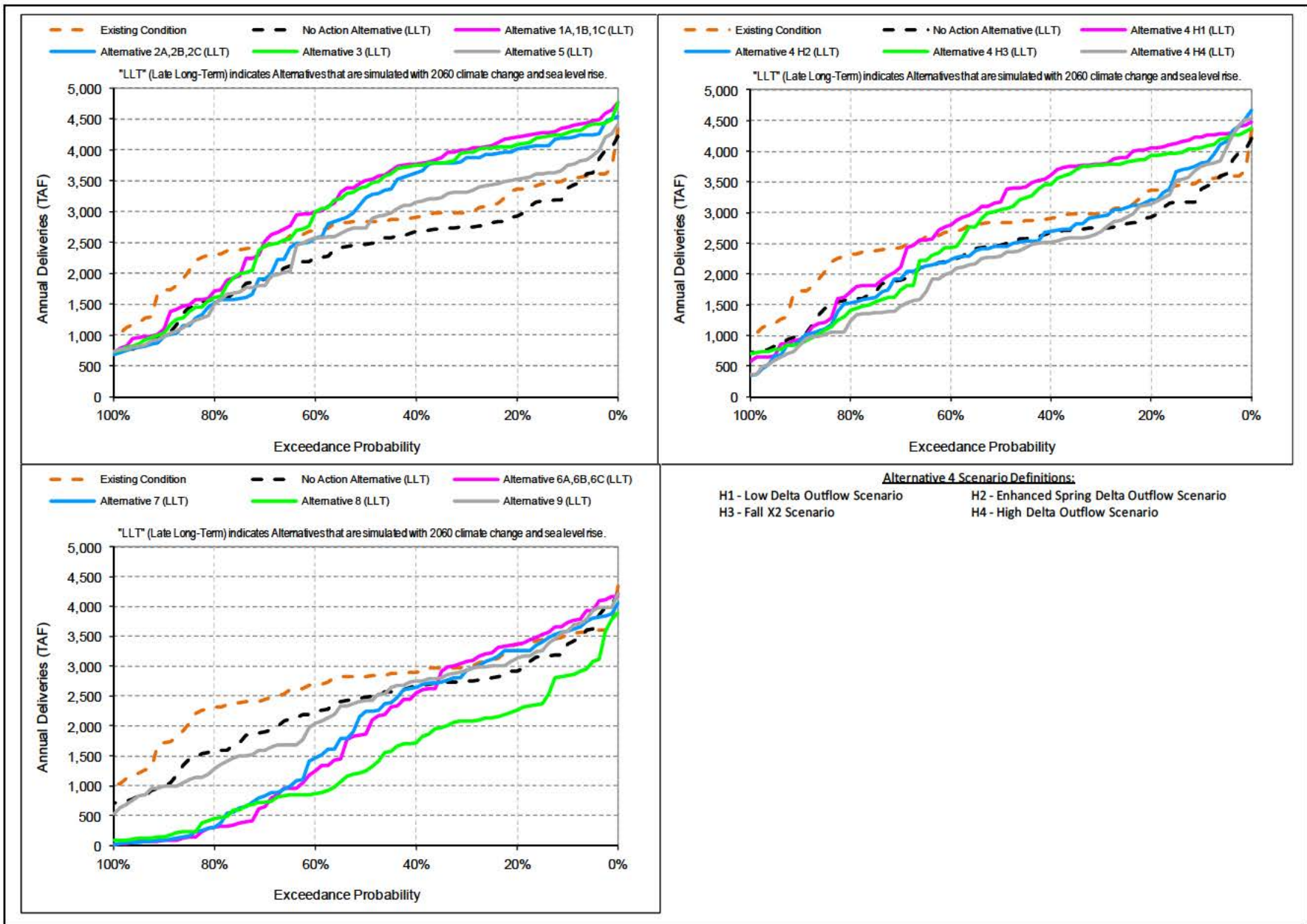


Figure 5-34
Total Annual SWP South of Delta Deliveries Including Table A and Articles 21 and 56 Waters

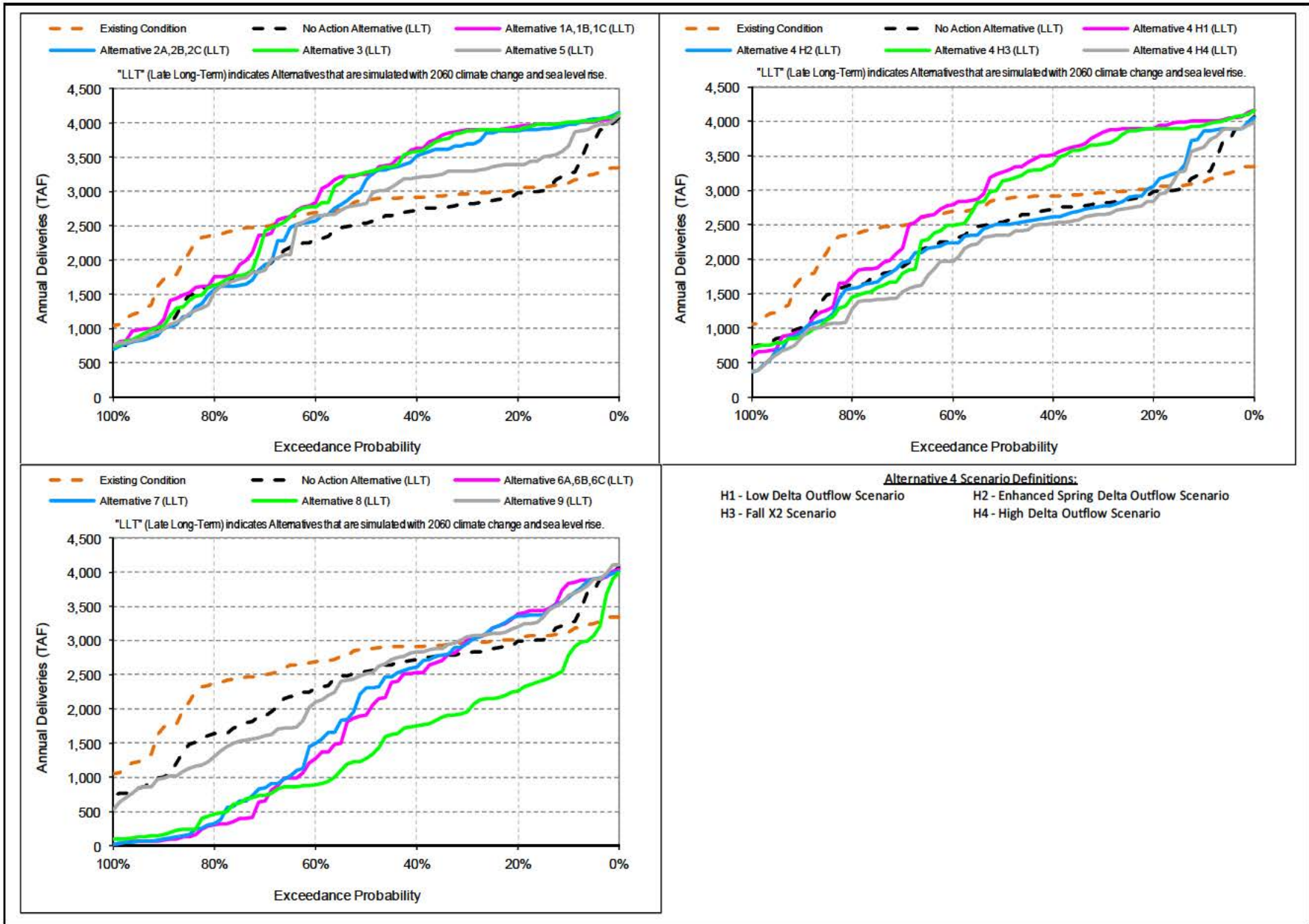


Figure 5-35
Annual SWP Table A Deliveries with Article 56 Waters

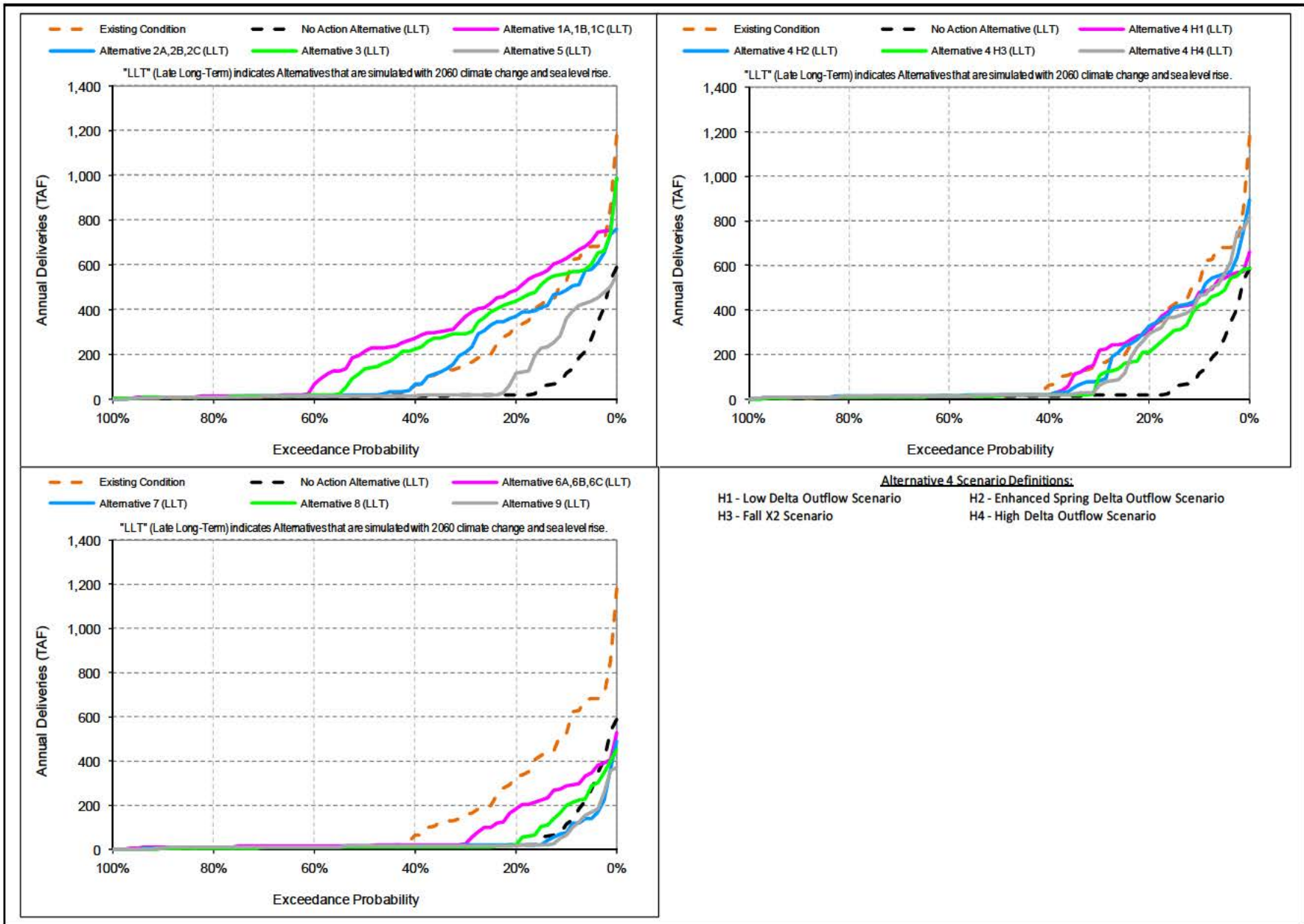


Figure 5-36
Annual SWP Article 21 Deliveries

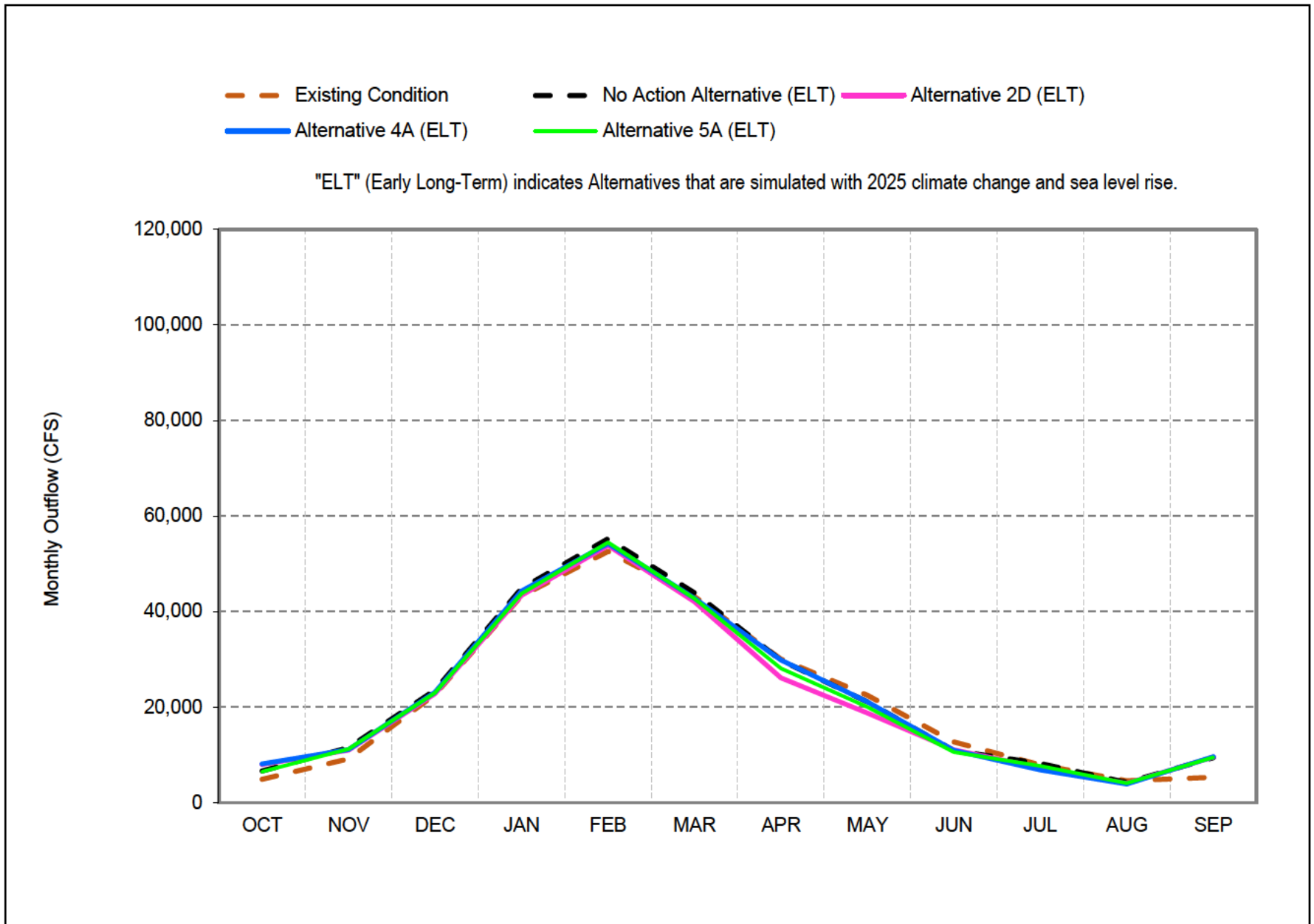


Figure 5-37

Sacramento/San Joaquin River Monthly Average Delta Outflow for Alternatives 2D, 4A and 5A

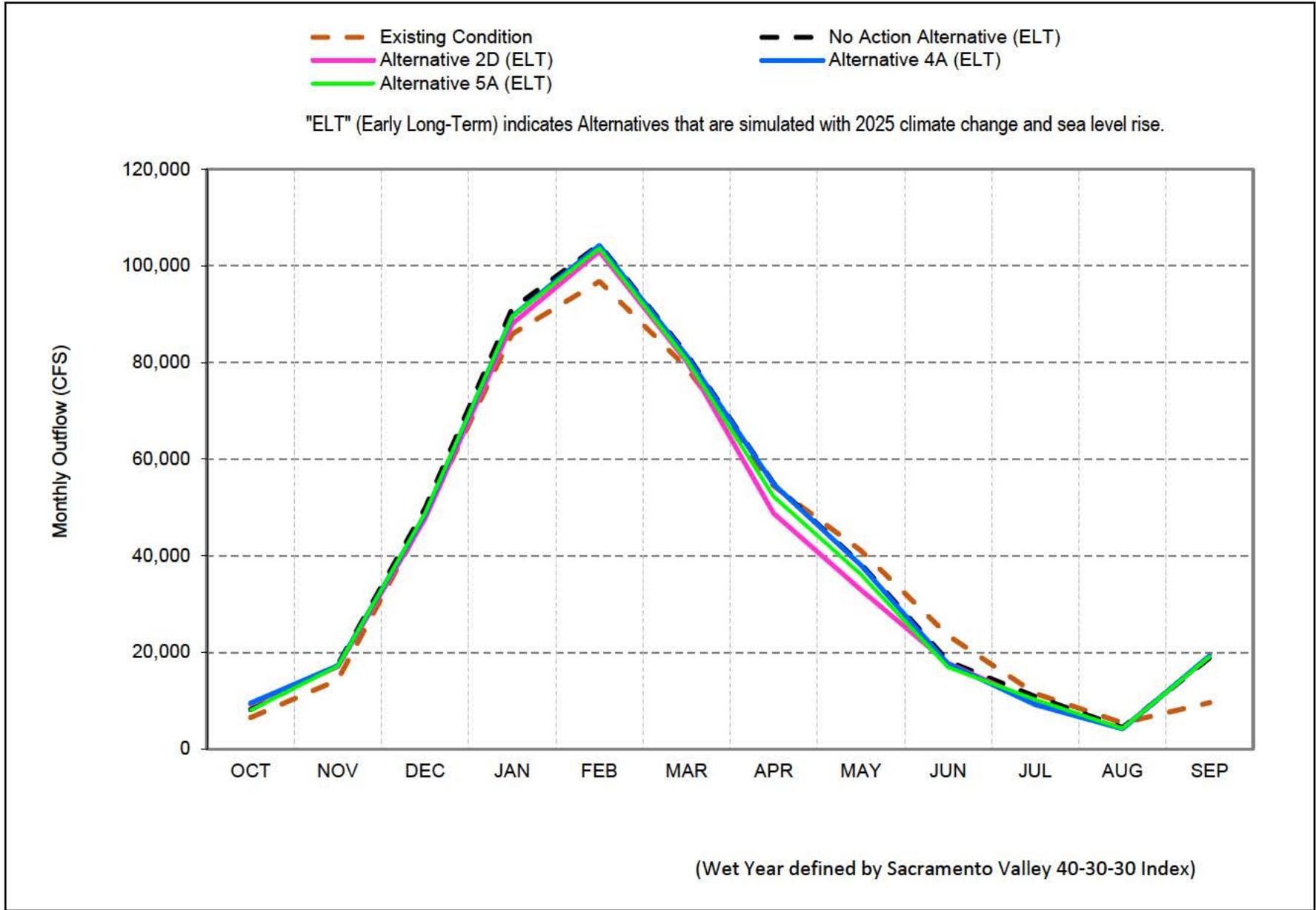


Figure 5-38
Sacramento/San Joaquin River Monthly Average Wet Year Delta Outflow for Alternatives 2D, 4A and 5A

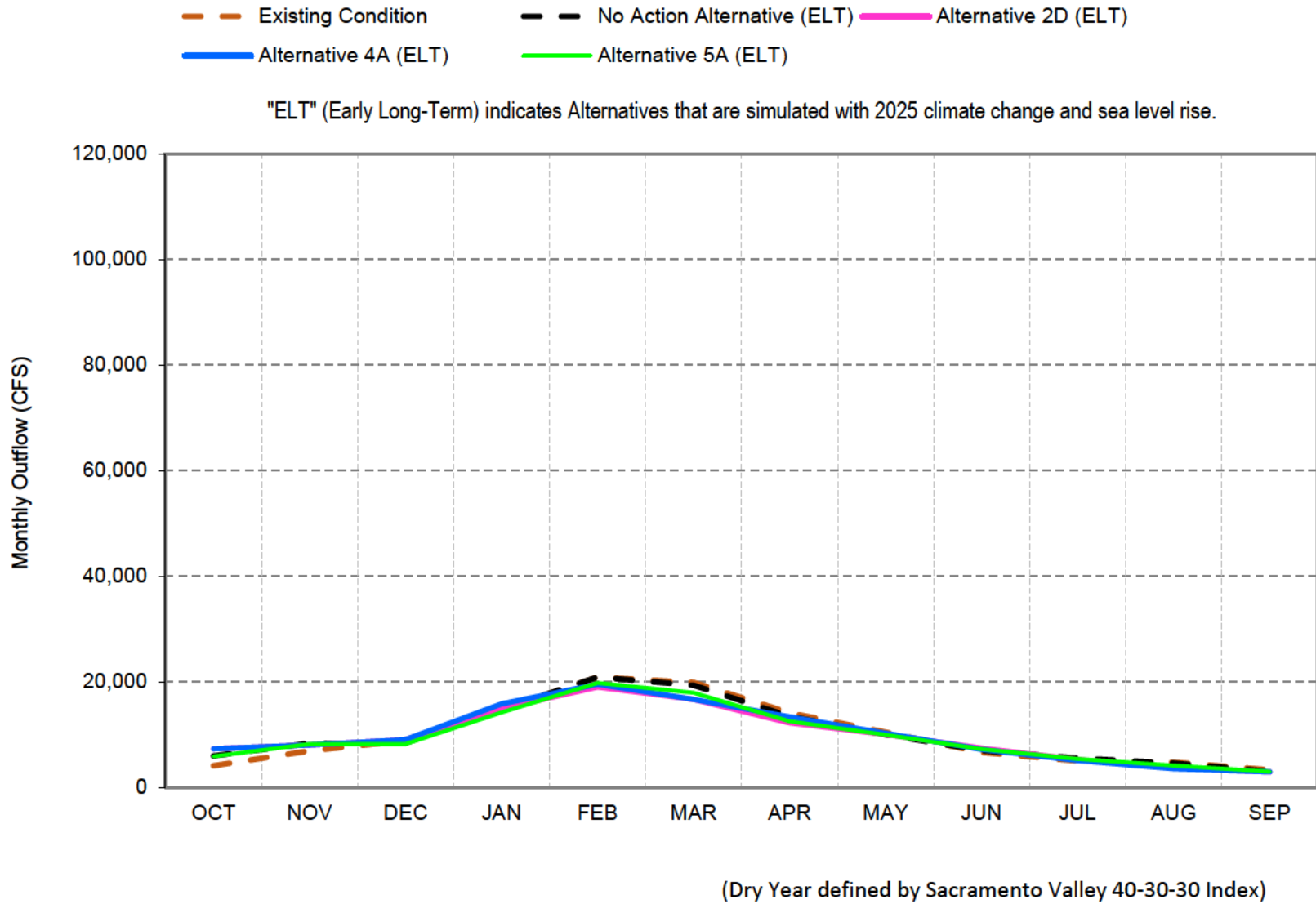
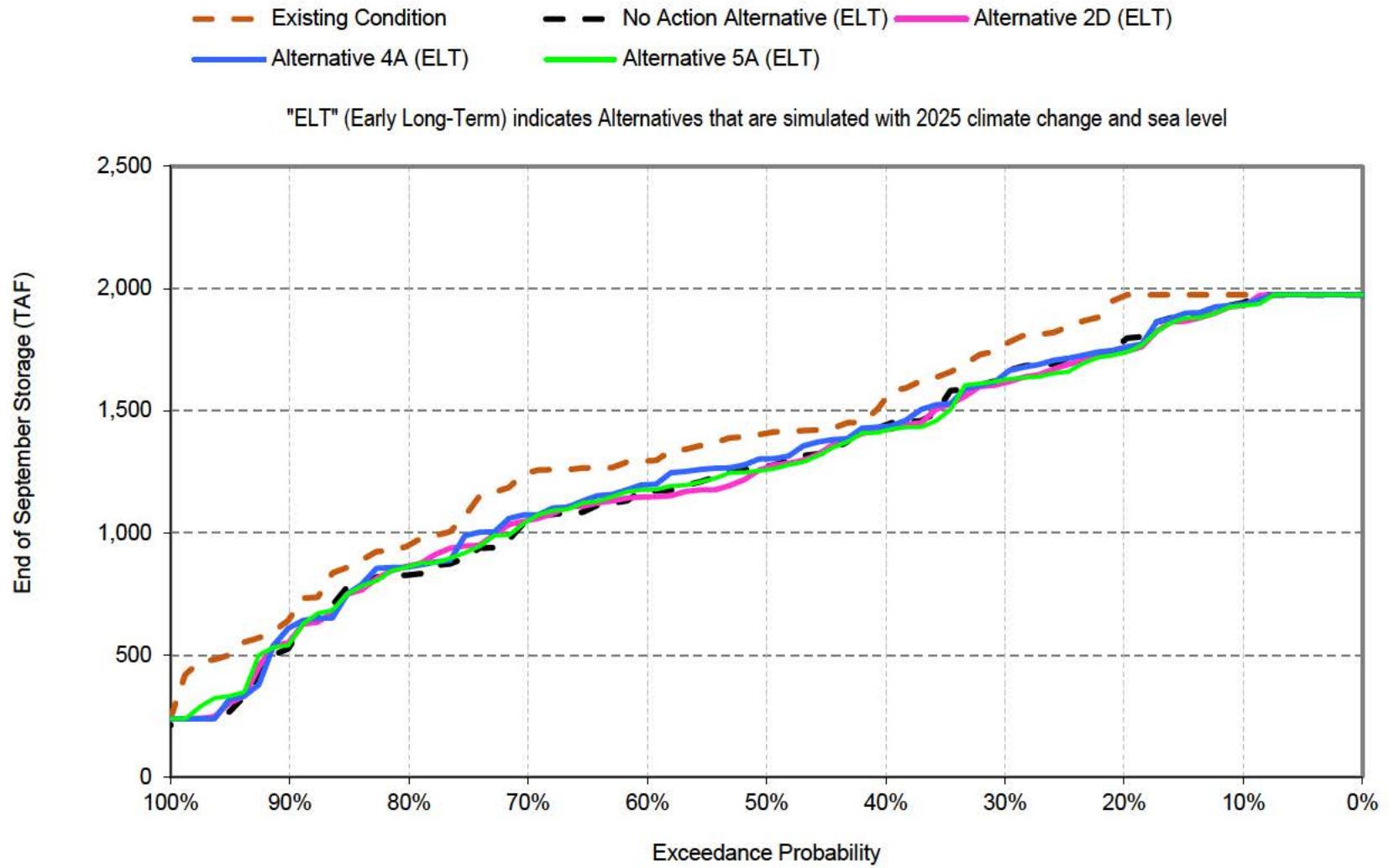
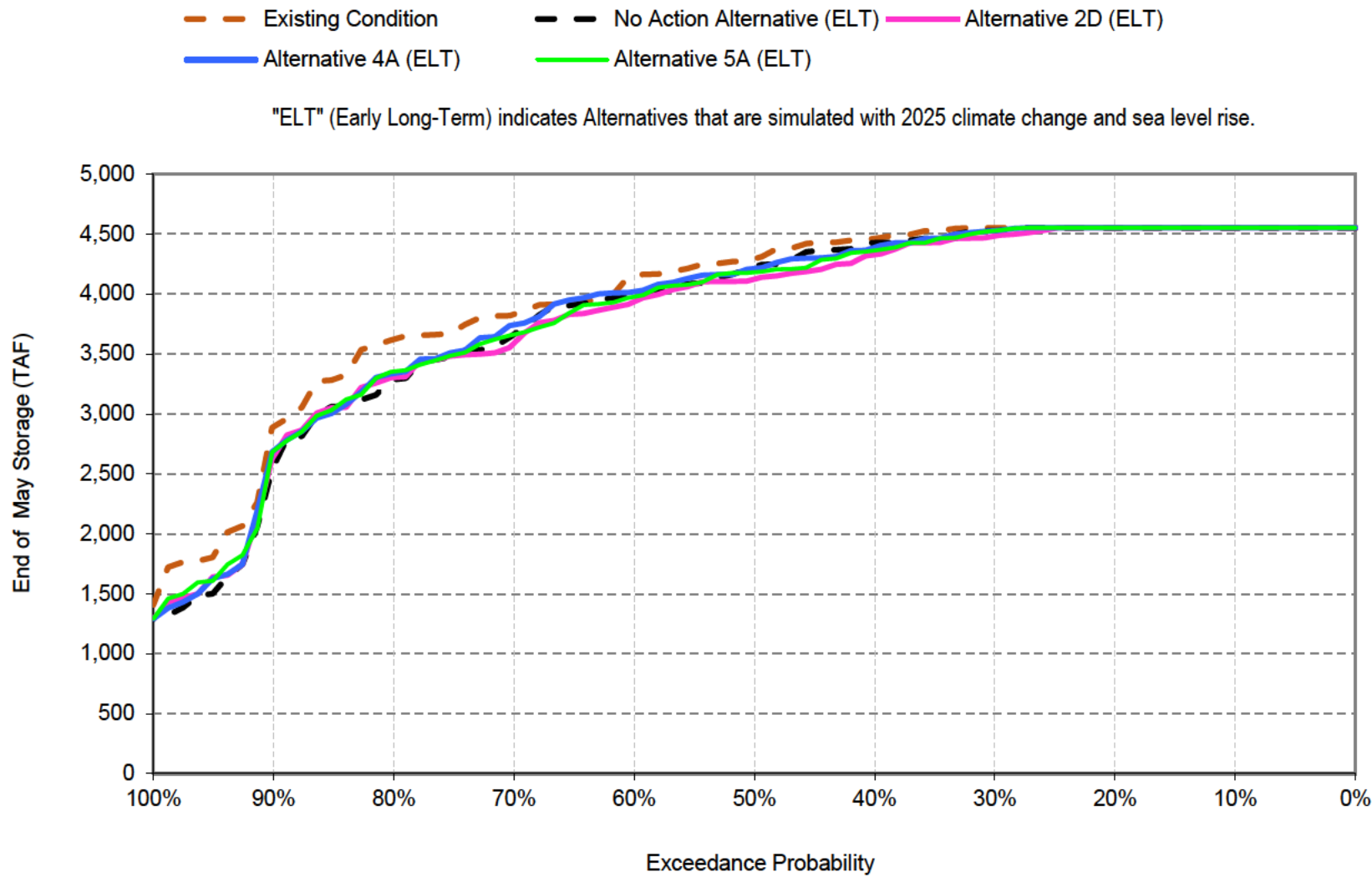


Figure 5-39
Sacramento/San Joaquin River Dry Year Monthly Average Delta Outflow for Alternatives 2D, 4A and 5A



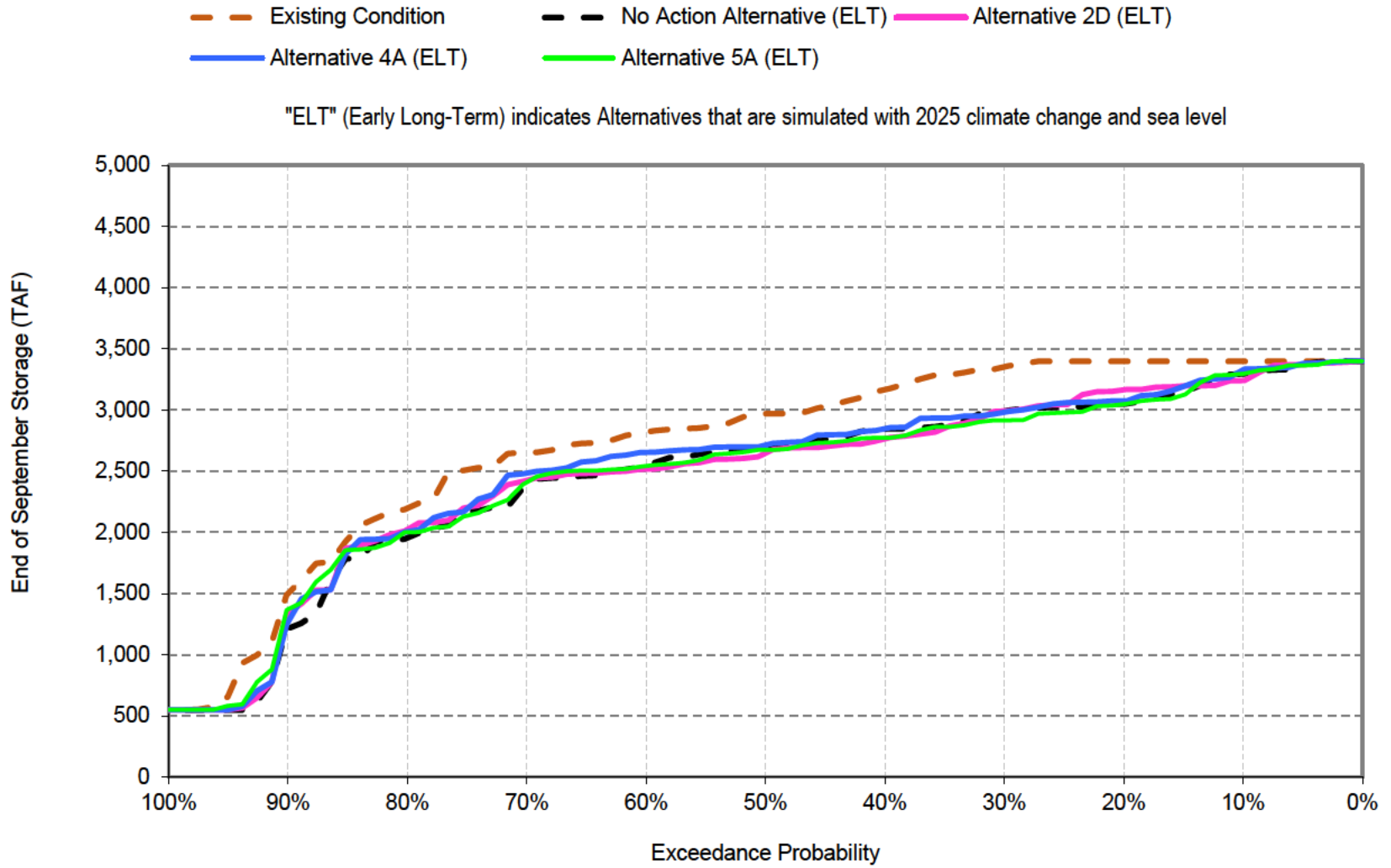
"ELT" (Early Long-Term) indicates Alternatives that are simulated with 2025 climate change and sea level

Figure 5-40
Trinity Lake End of September Storage for Alternatives 2D, 4A and 5A



"ELT" (Early Long-Term) indicates Alternatives that are simulated with 2025 climate change and sea level rise.

Figure 5-41
Shasta Lake End of May Storage for Alternatives 2D, 4A and 5A



"ELT" (Early Long-Term) indicates Alternatives that are simulated with 2025 climate change and sea level

Figure 5-42
Shasta Lake End of September Storage for Alternatives 2D, 4A and 5A

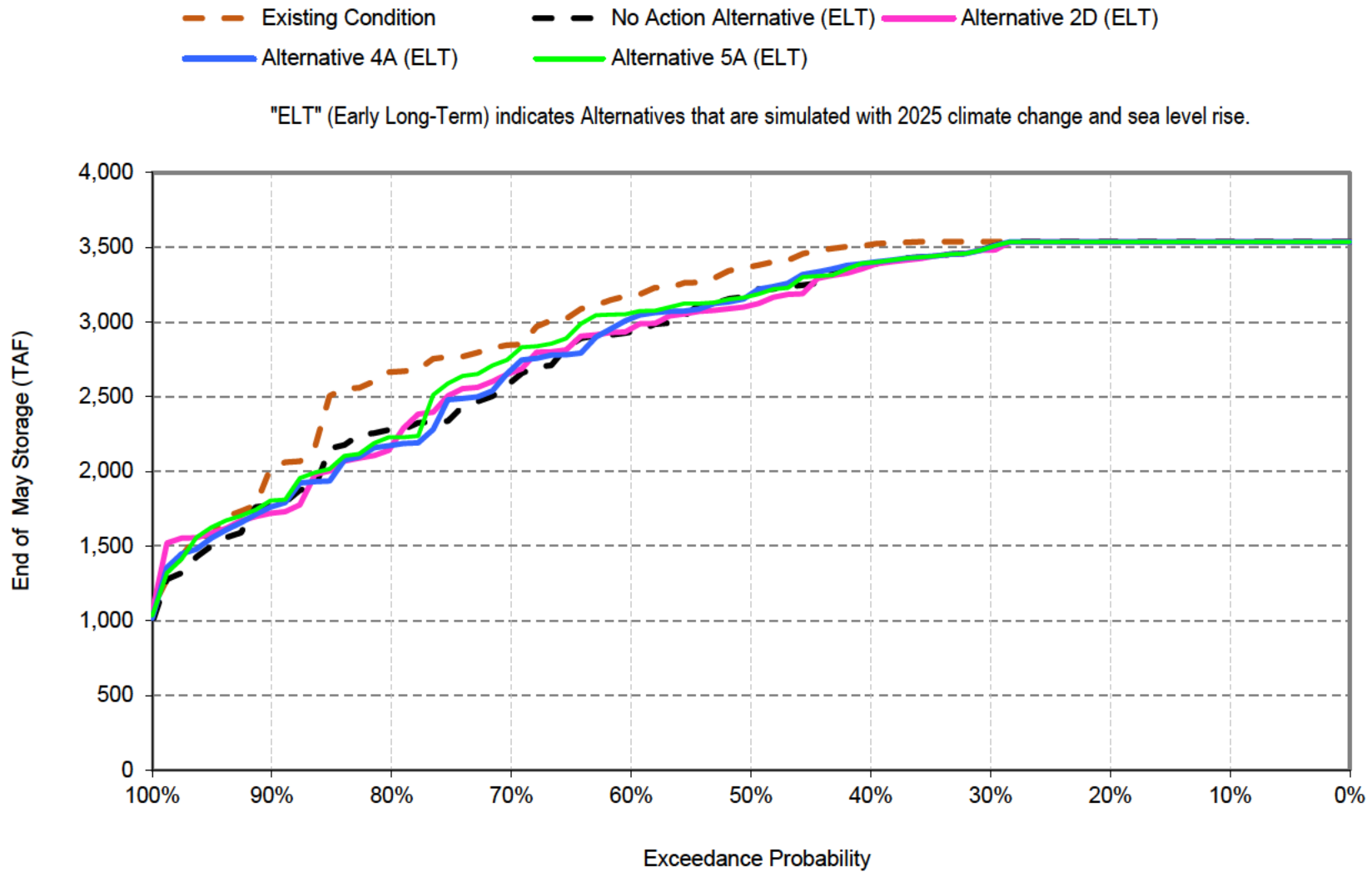
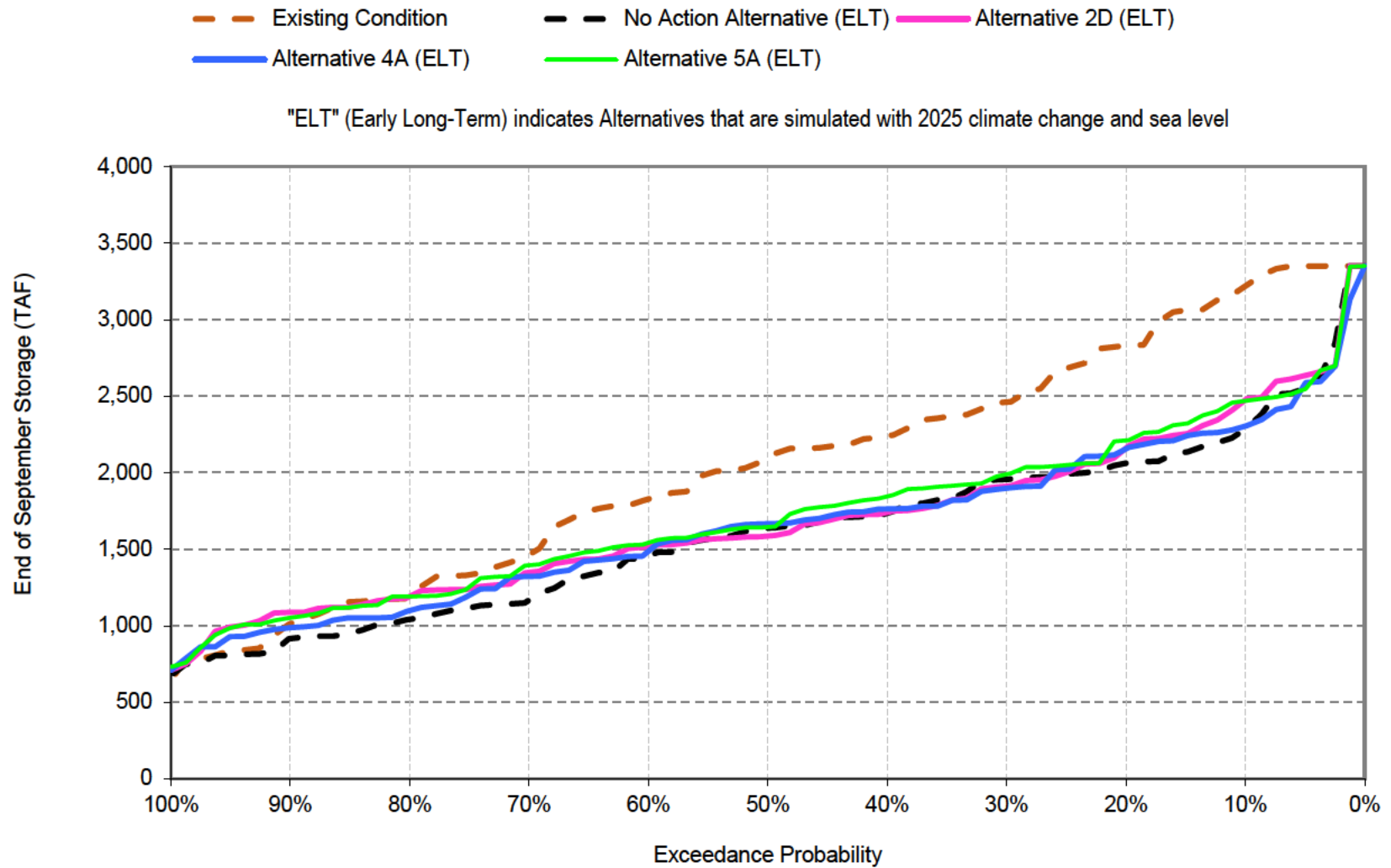


Figure 5-43
Lake Oroville End of May Storage for Alternatives 2D, 4A and 5A



"ELT" (Early Long-Term) indicates Alternatives that are simulated with 2025 climate change and sea level

Figure 5-44
Lake Oroville End of September Storage for Alternatives 2D, 4A and 5A

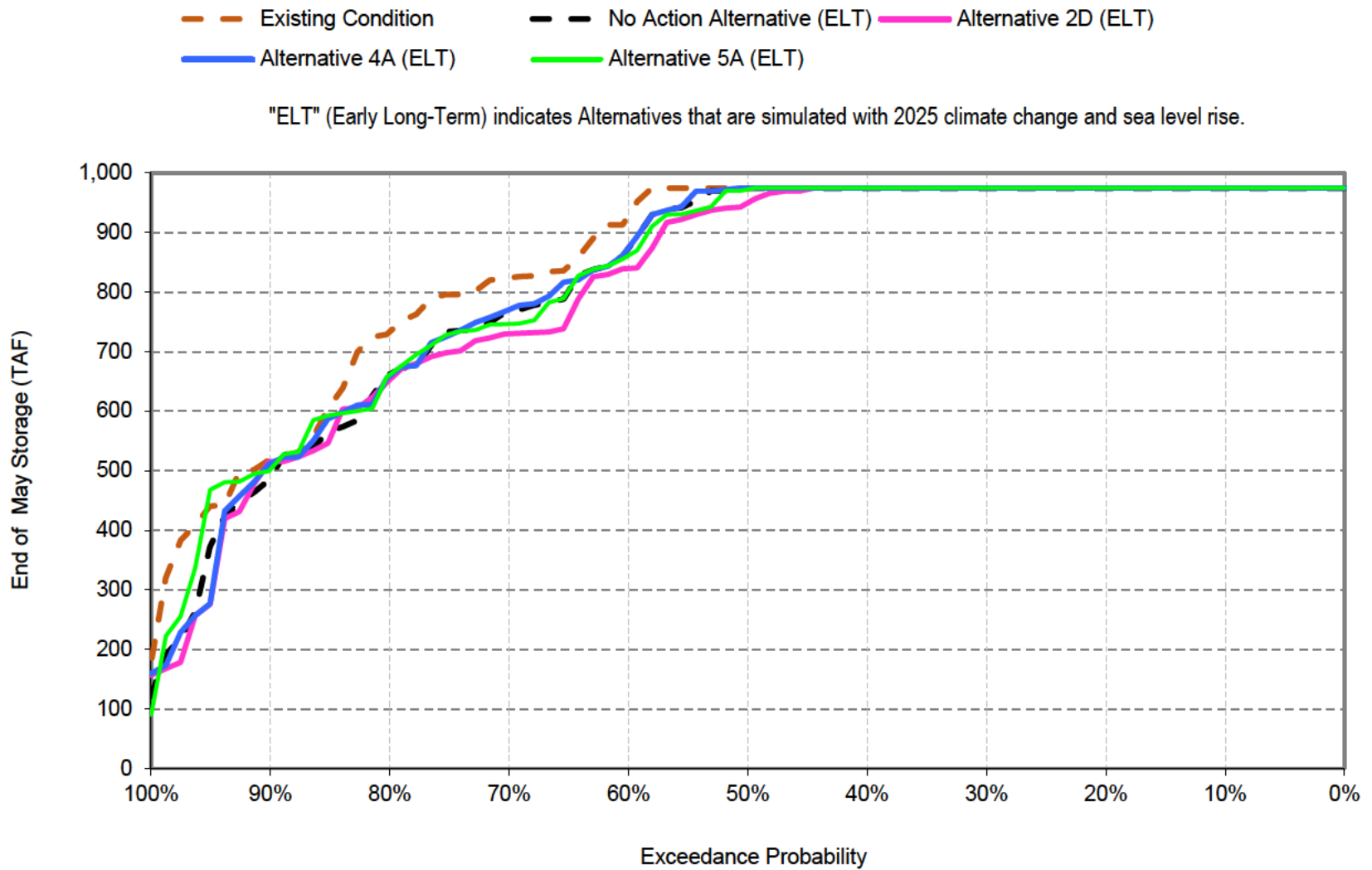
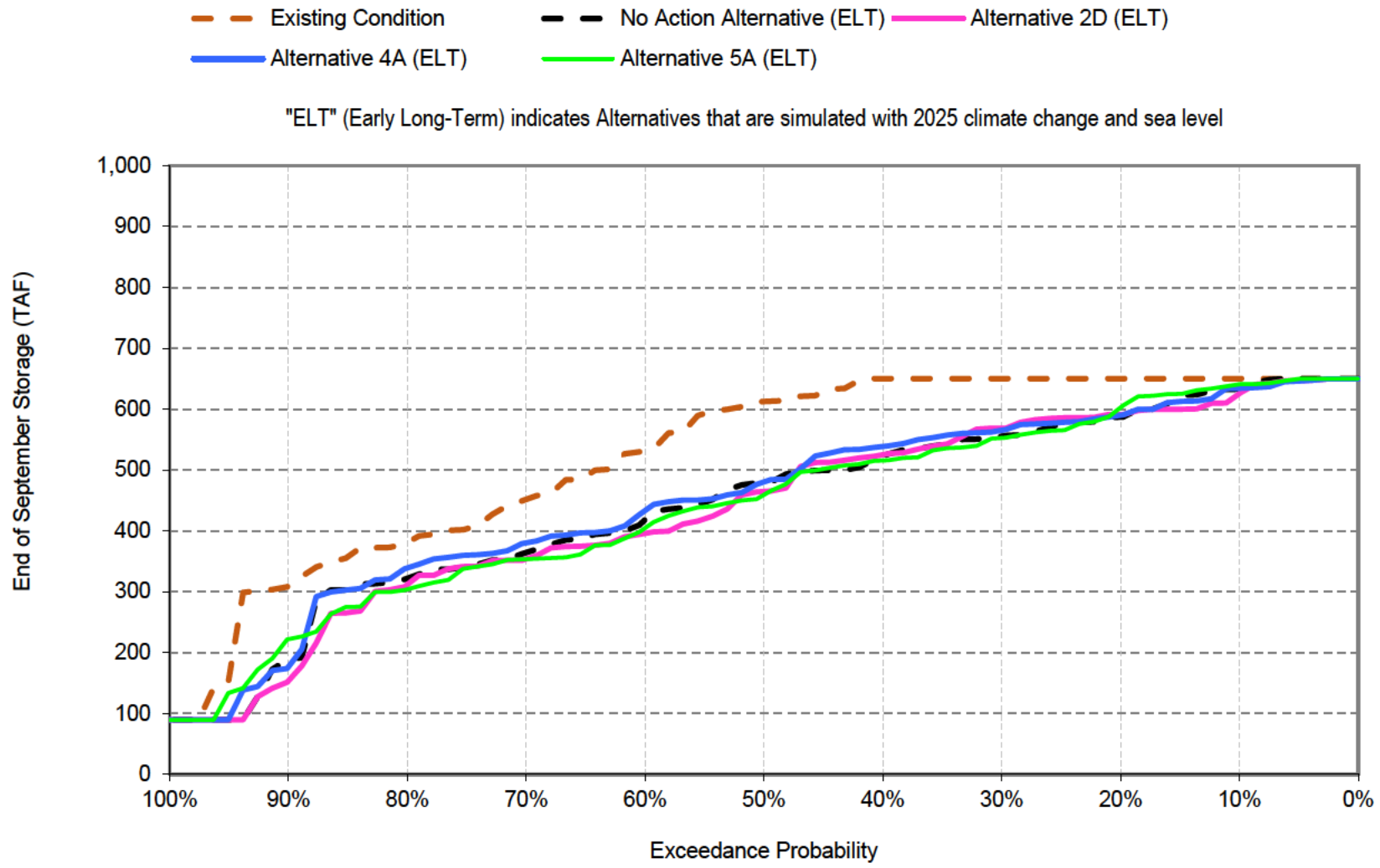
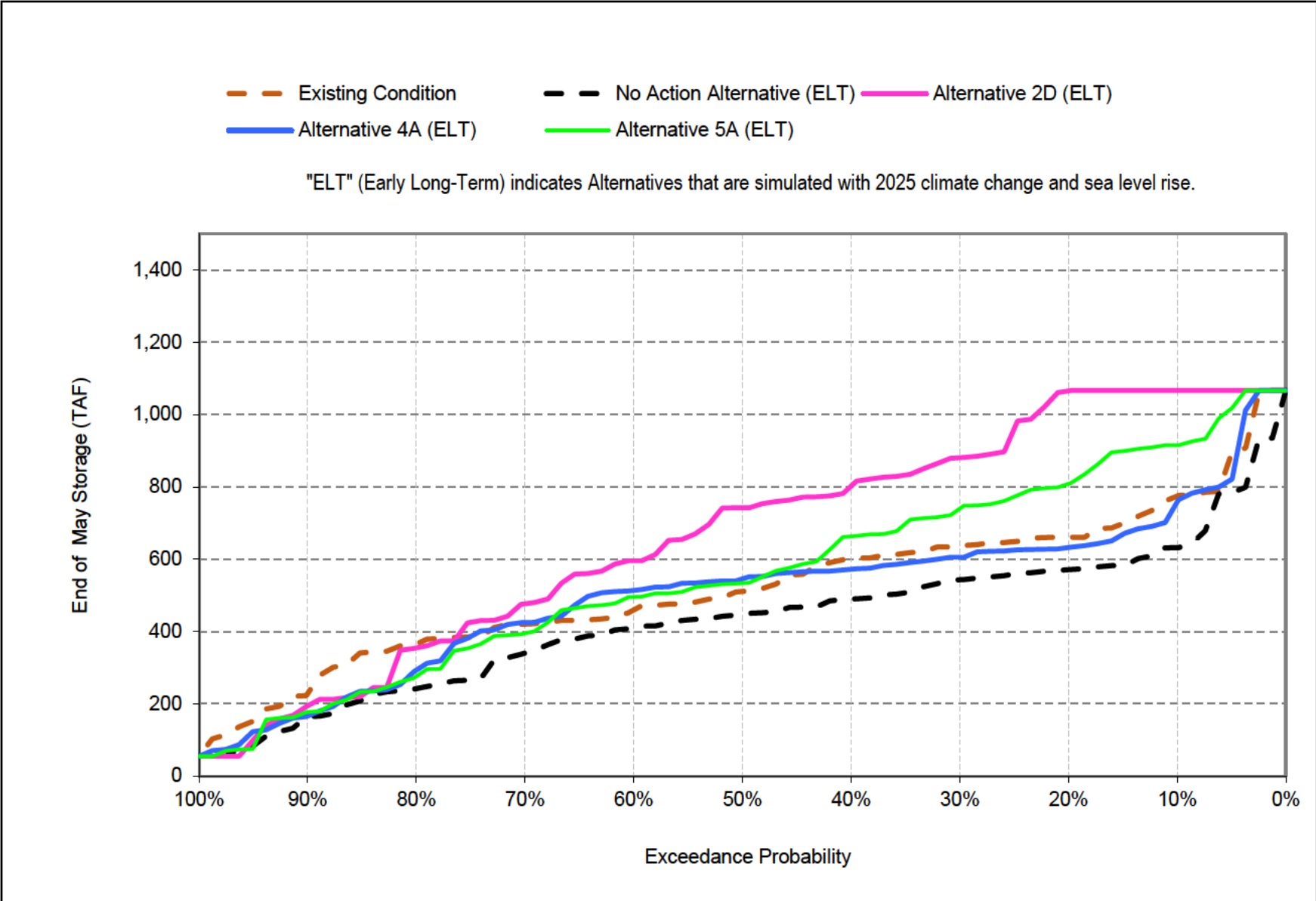


Figure 5-45
Folsom Lake End of May Storage for Alternatives 2D, 4A and 5A



"ELT" (Early Long-Term) indicates Alternatives that are simulated with 2025 climate change and sea level

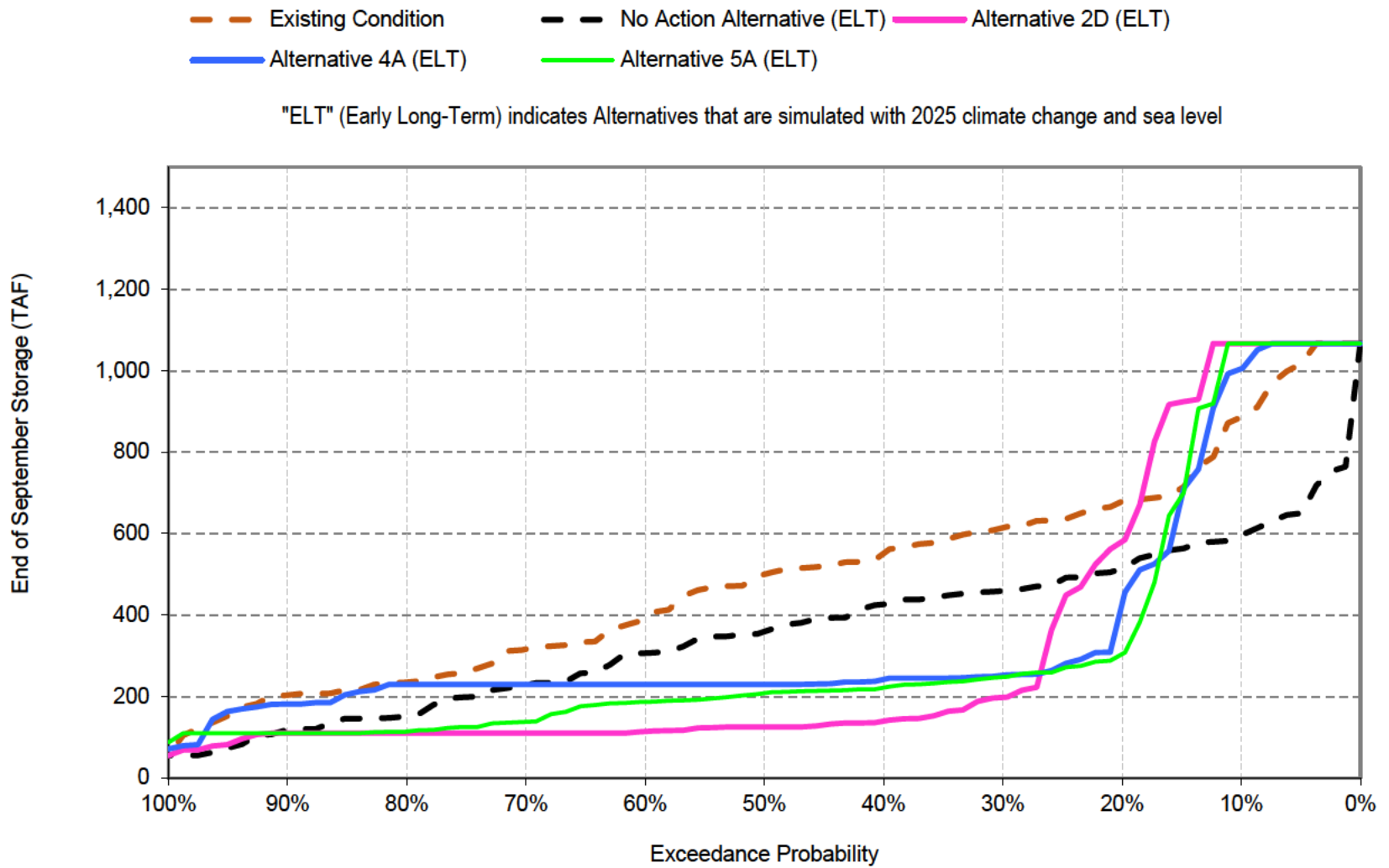
Figure 5-46
Folsom Lake End of September Storage for Alternatives 2D, 4A and 5A



"ELT" (Early Long-Term) indicates Alternatives that are simulated with 2025 climate change and sea level rise.

Figure 5-47

SWP San Luis Reservoir End of May Storage for Alternatives 2D, 4A and 5A



"ELT" (Early Long-Term) indicates Alternatives that are simulated with 2025 climate change and sea level

Figure 5-48

SWP San Luis Reservoir End of September Storage for Alternatives 2D, 4A and 5A

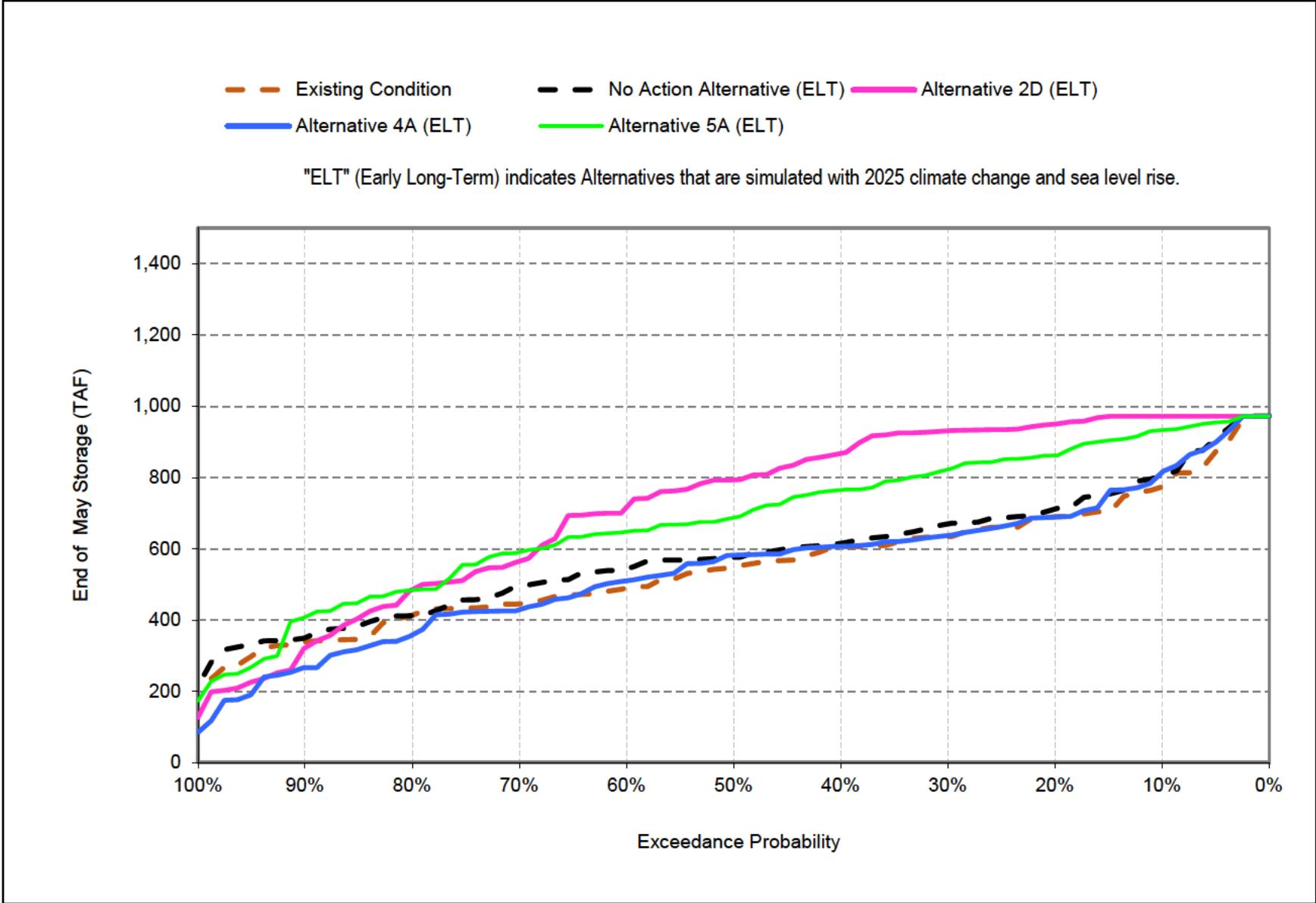


Figure 5-49

CVP San Luis Reservoir End of May Storage for Alternatives 2D, 4A and 5A

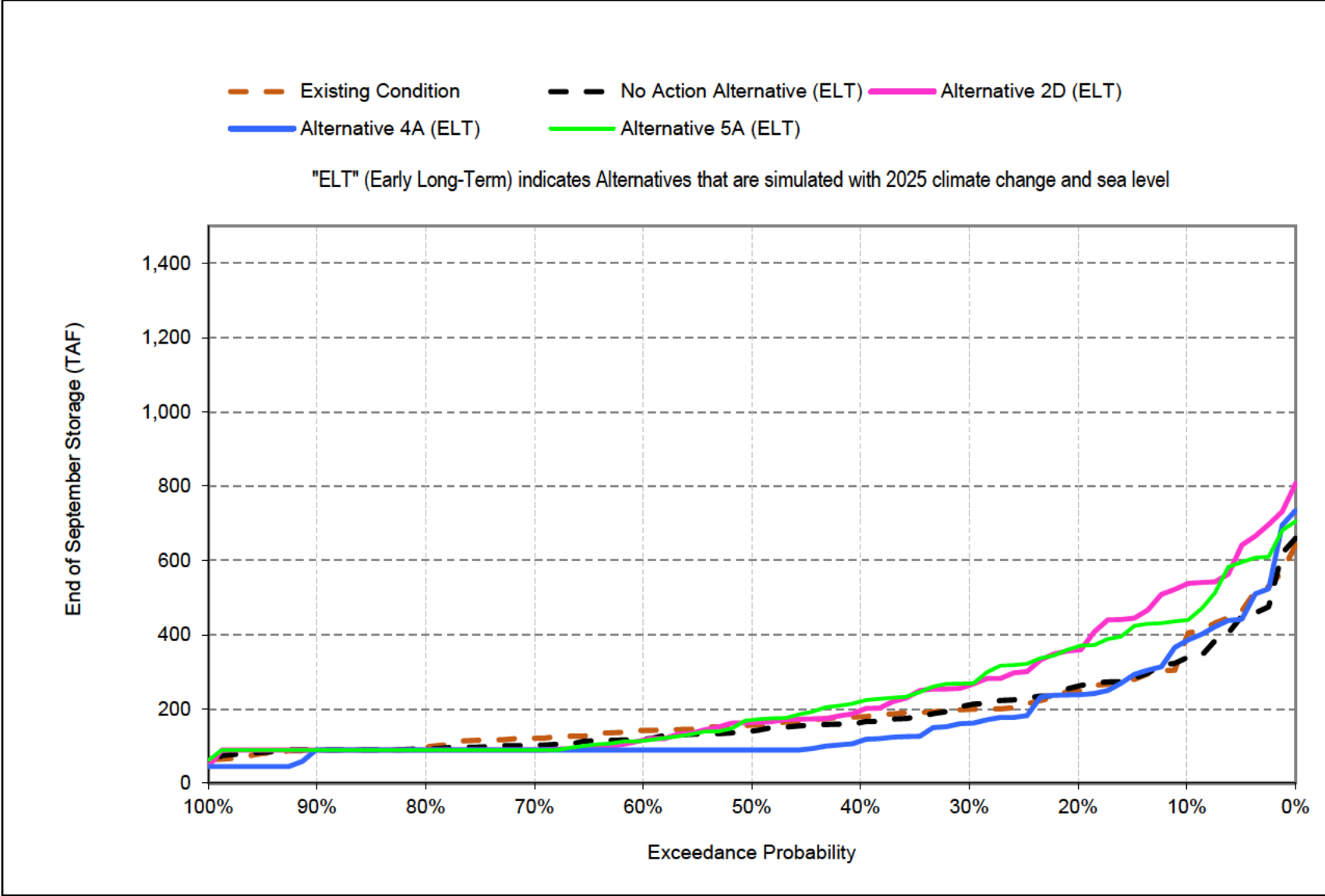


Figure 5-50
CVP San Luis Reservoir End of September Storage for Alternatives 2D, 4A and 5A

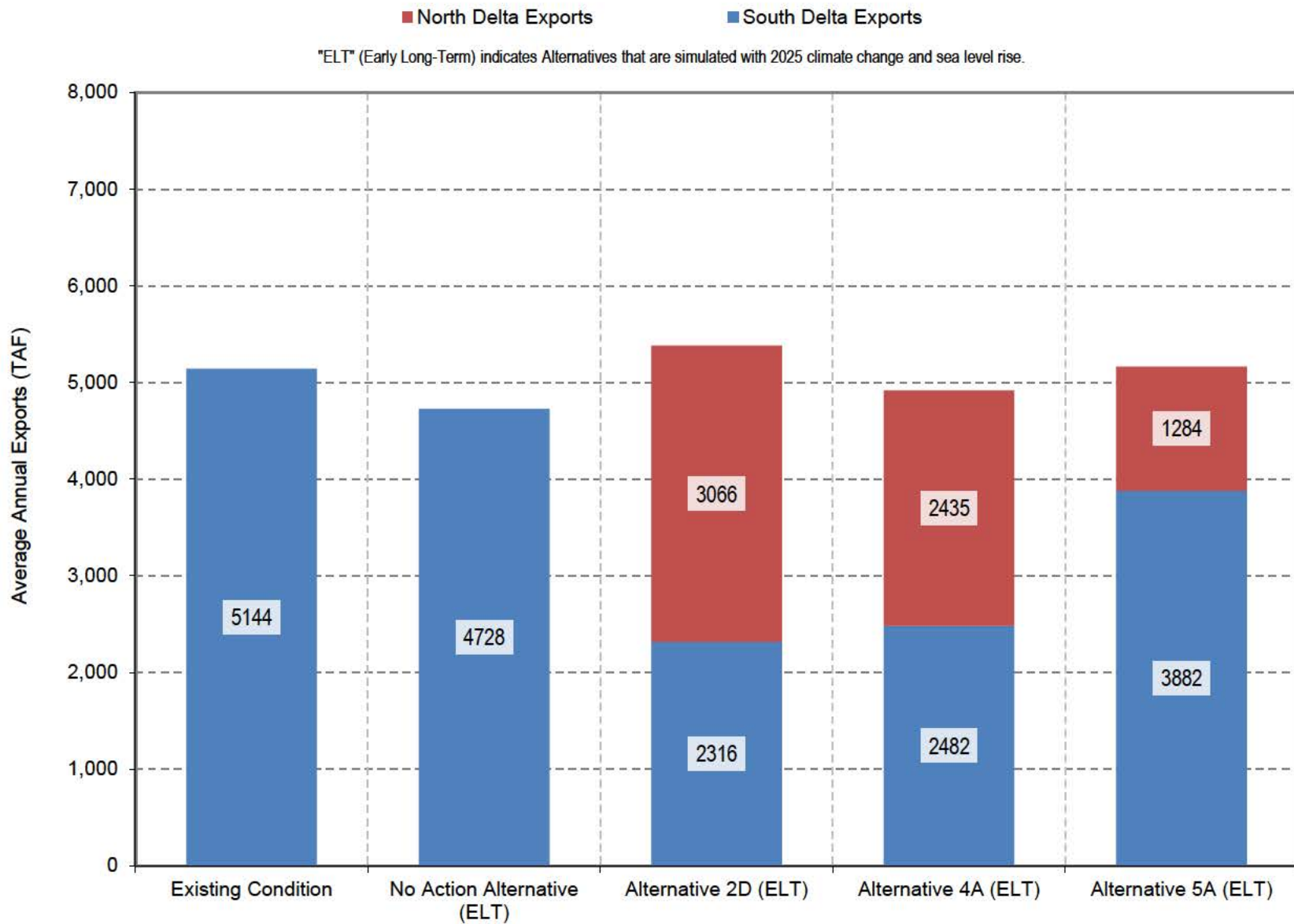


Figure 5-51
North and South Delta Exports for Alternatives 2D, 4A and 5A Long-Term Average

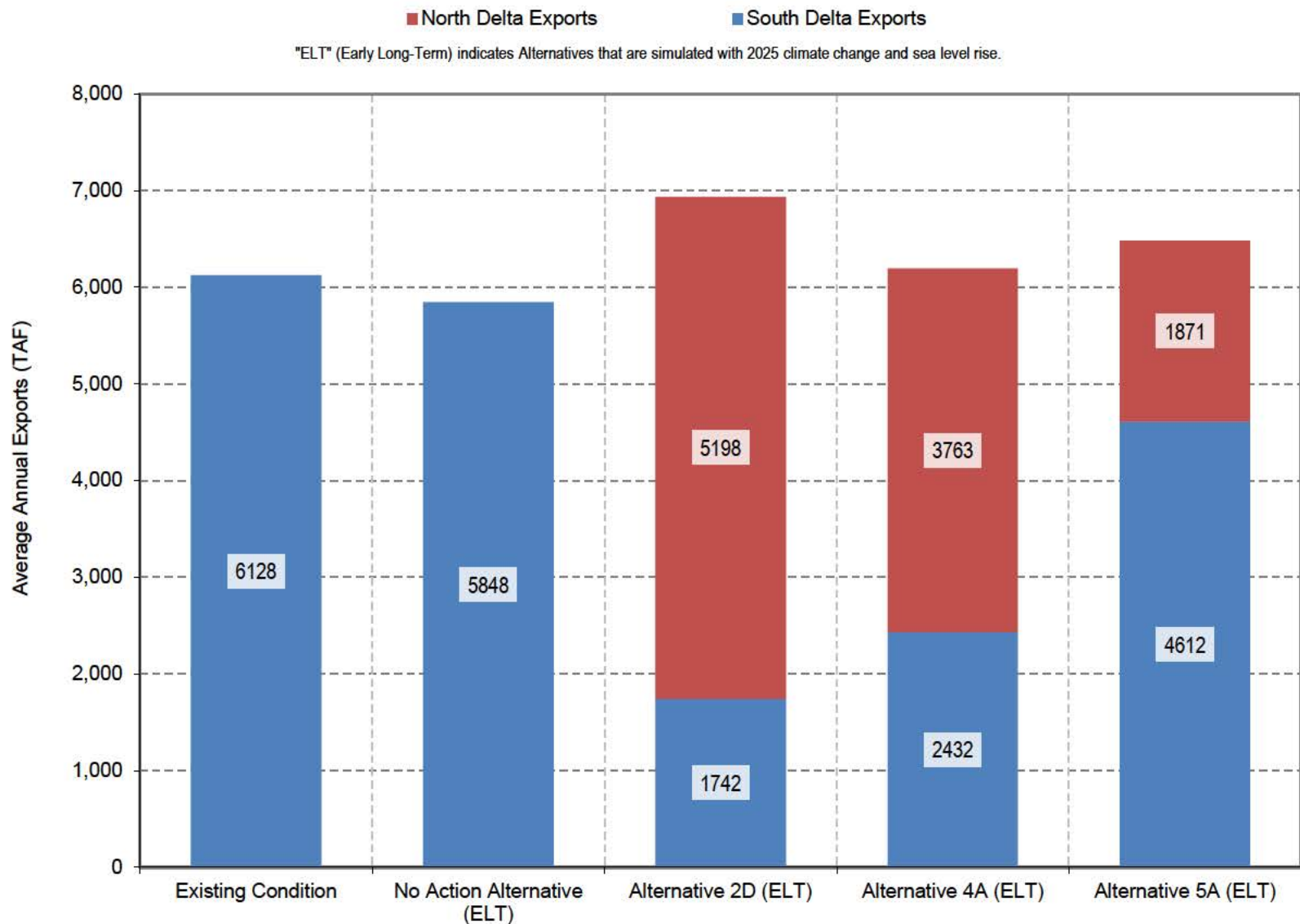


Figure 5-52

North and South Delta Exports for Alternatives 2D, 4A and 5A -Wet Year Average

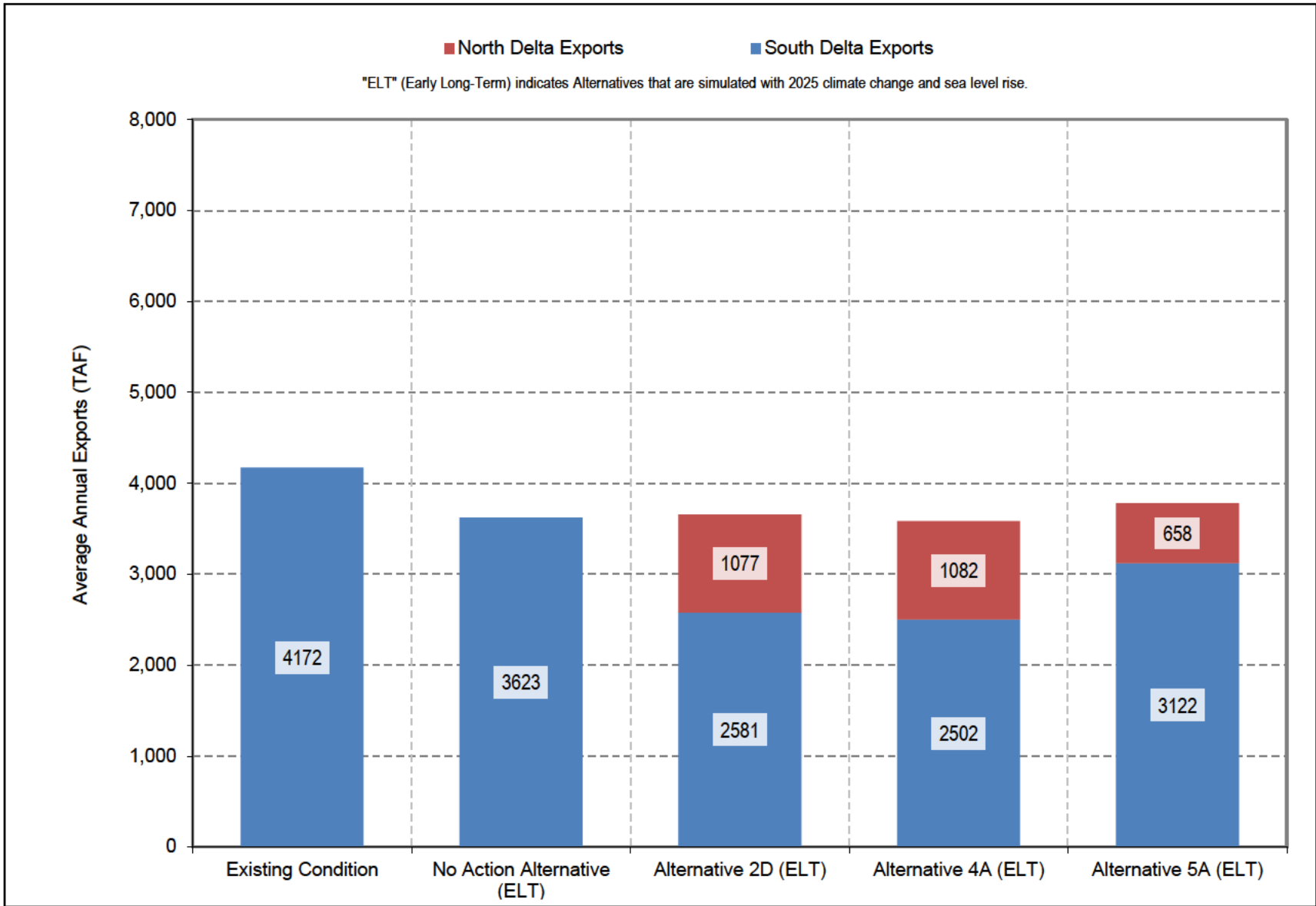


Figure 5-53
North and South Delta Exports for Alternatives 2D, 4A and 5A –Dry and Critical Year Average

--- Existing Condition
 --- No Action Alternative (ELT)
 --- Alternative 2D (ELT)
 --- Alternative 4A (ELT)
 --- Alternative 5A (ELT)

"ELT" (Early Long-Term) indicates Alternatives that are simulated with 2025 climate change and sea level rise.

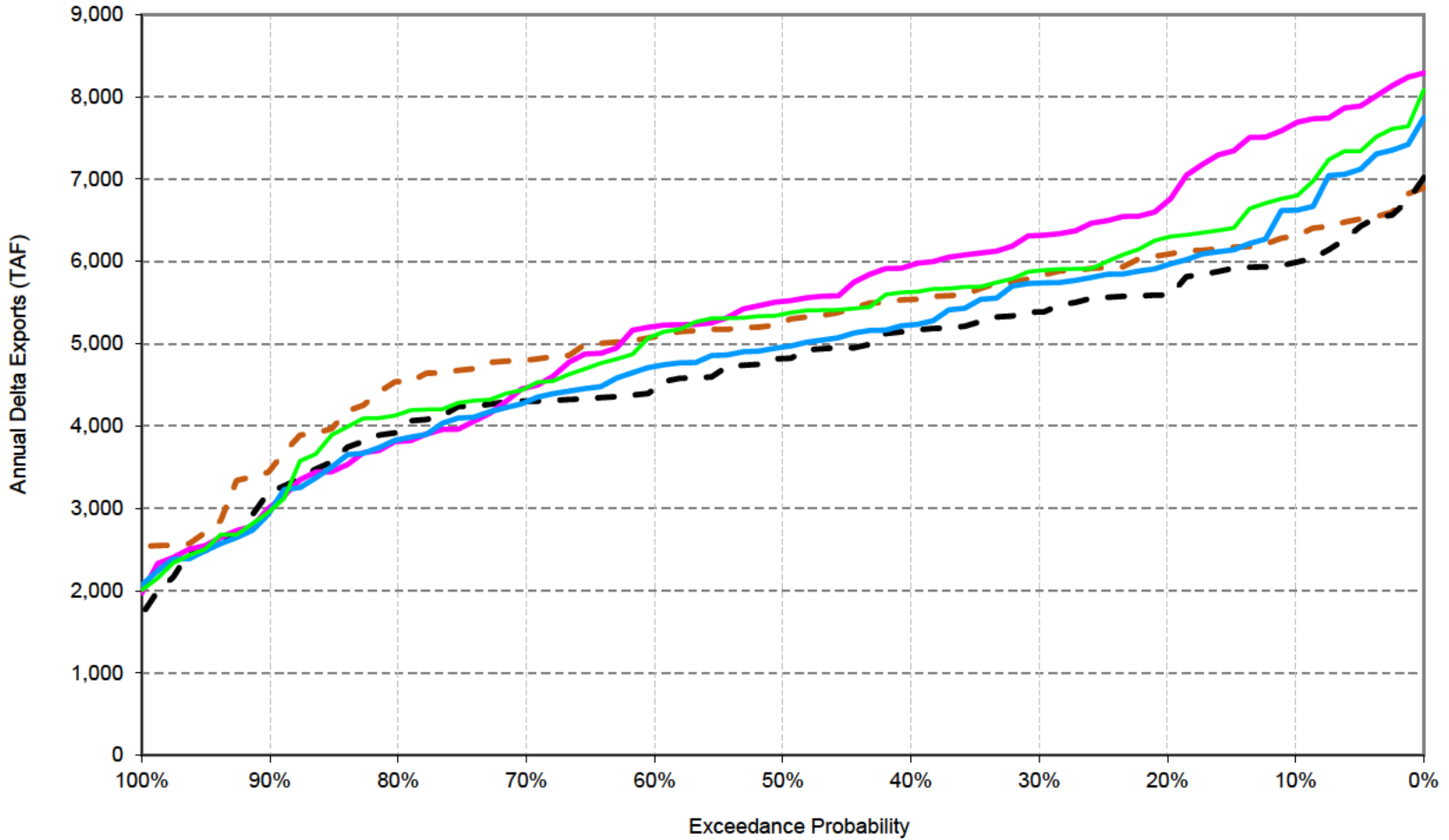


Figure 5-54
Total Delta Exports for Alternatives 2D, 4A and 5A

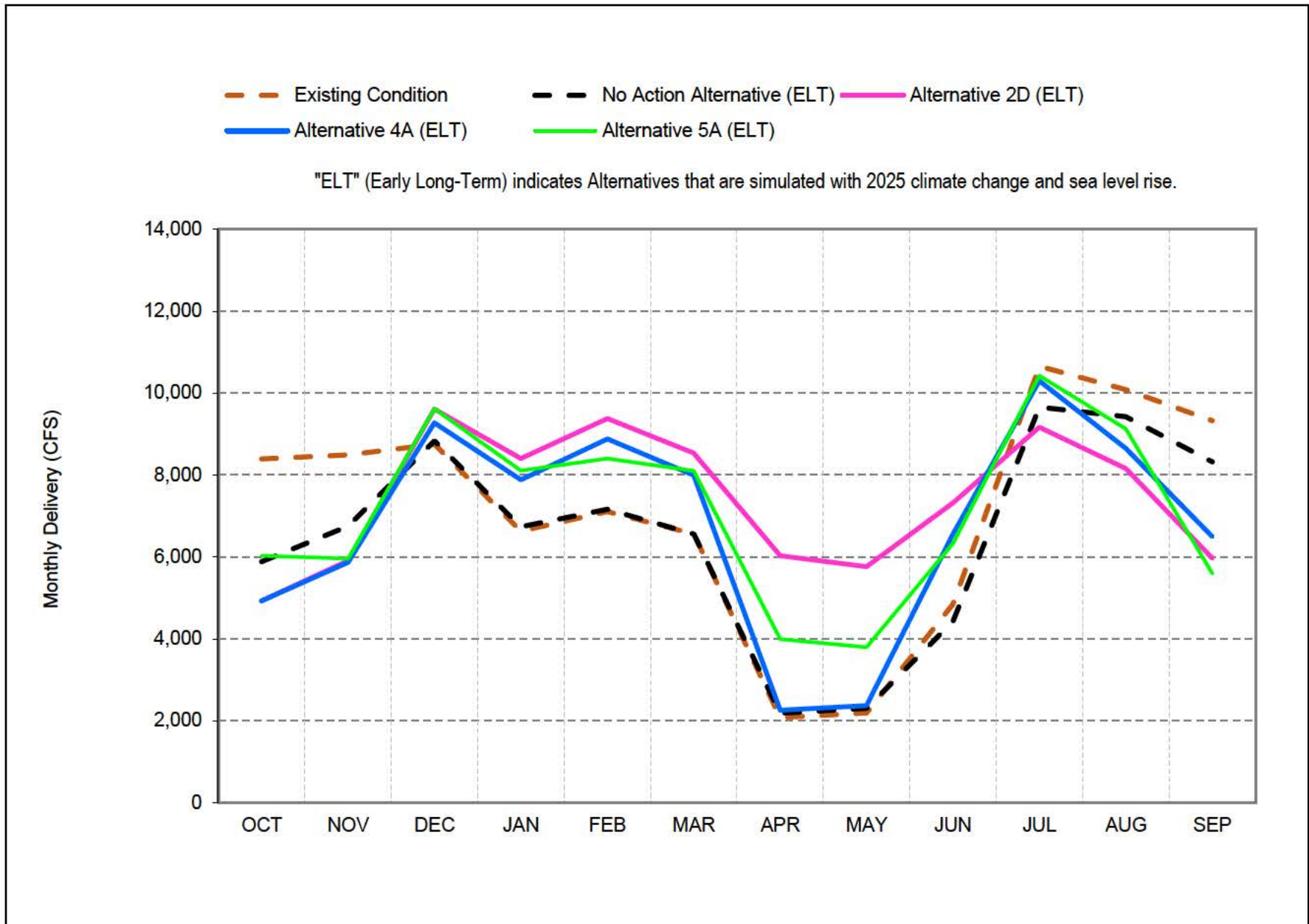


Figure 5-55
Total Delta Exports for Alternatives 2D, 4A and 5A Long-Term Average Monthly

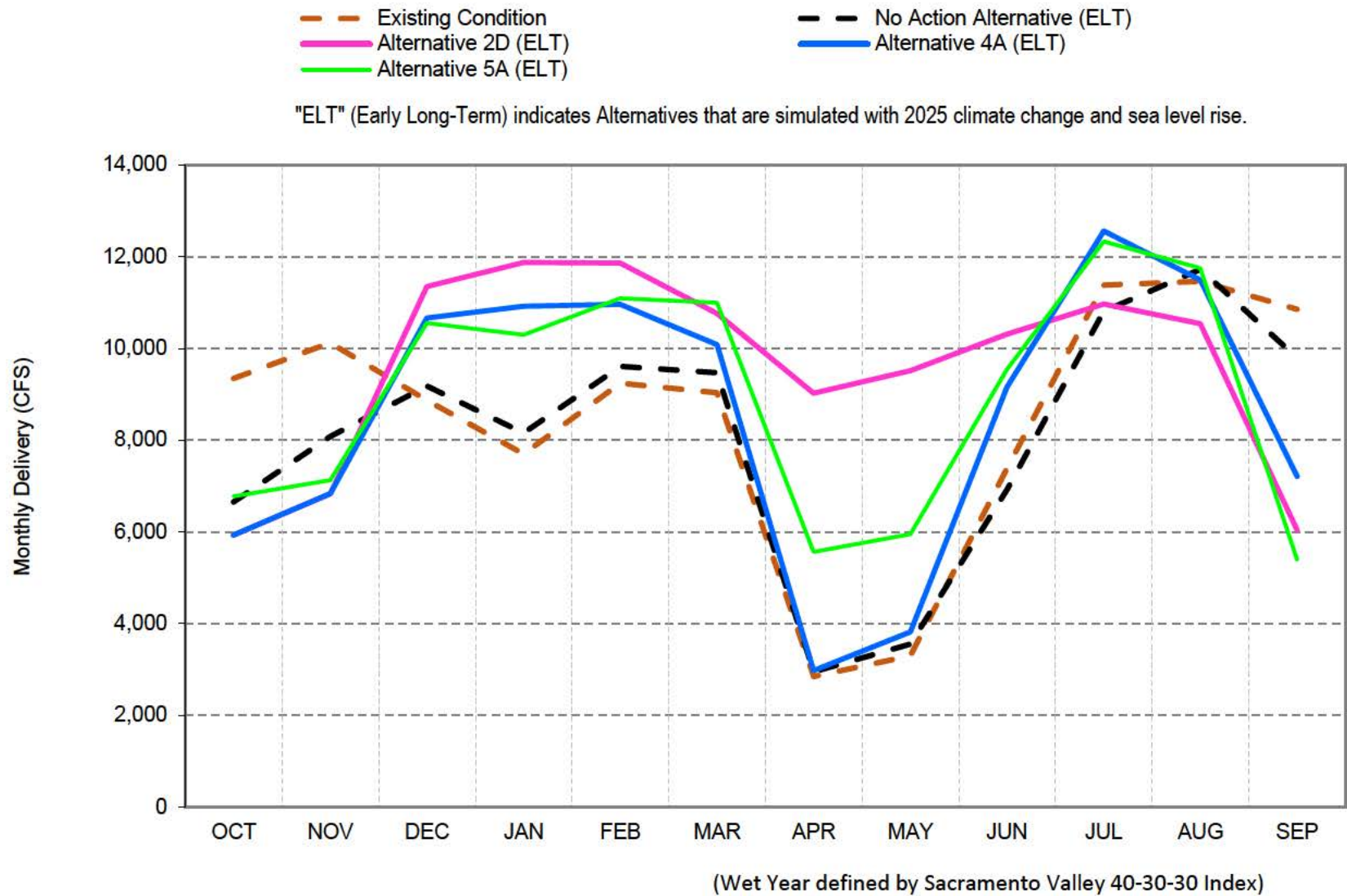


Figure 5-56
Total Delta Exports for Alternatives 2D, 4A and 5A Wet Year Average Monthly

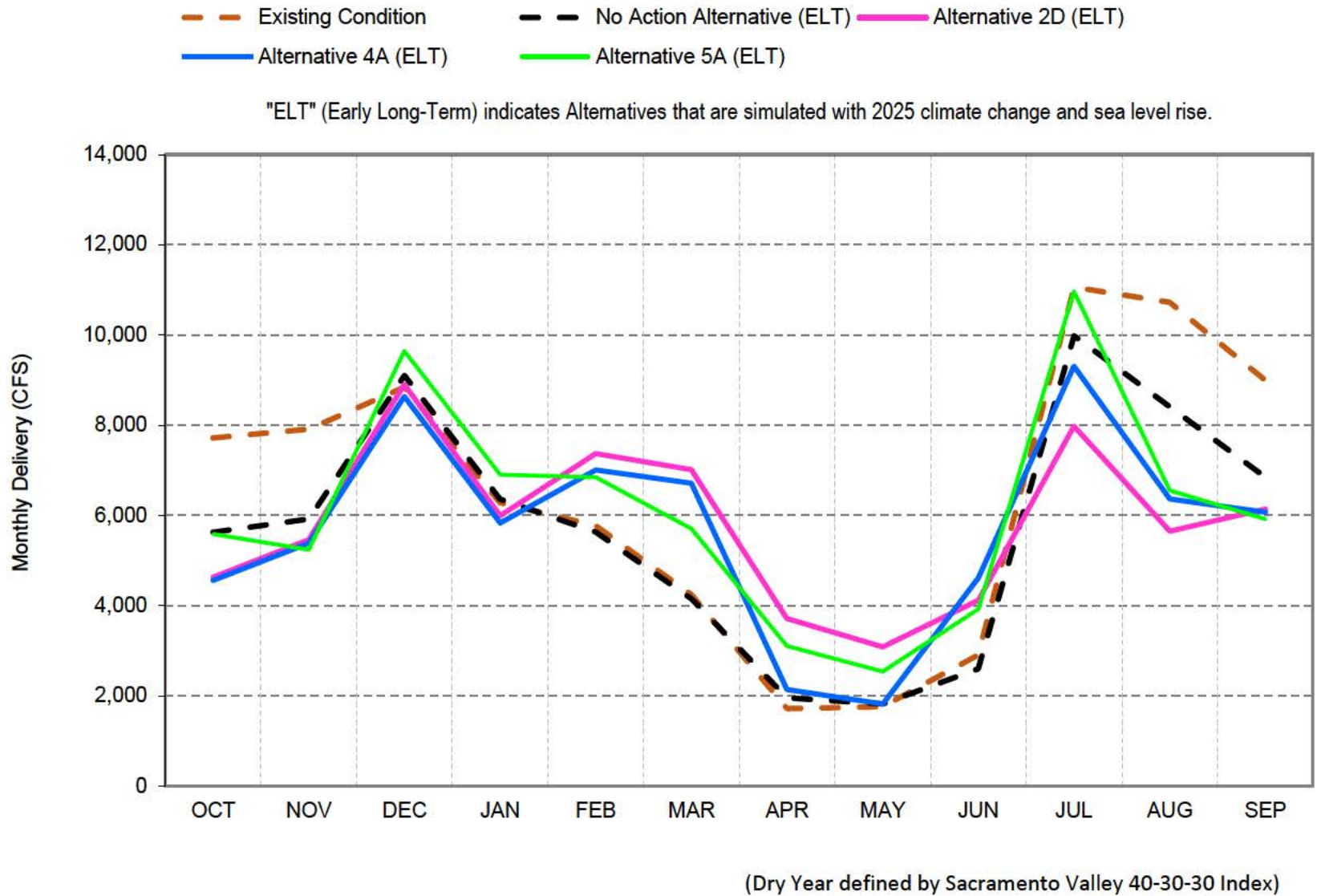


Figure 5-57
Total Delta Exports for Alternatives 2D, 4A and 5A Dry Year Average Monthly

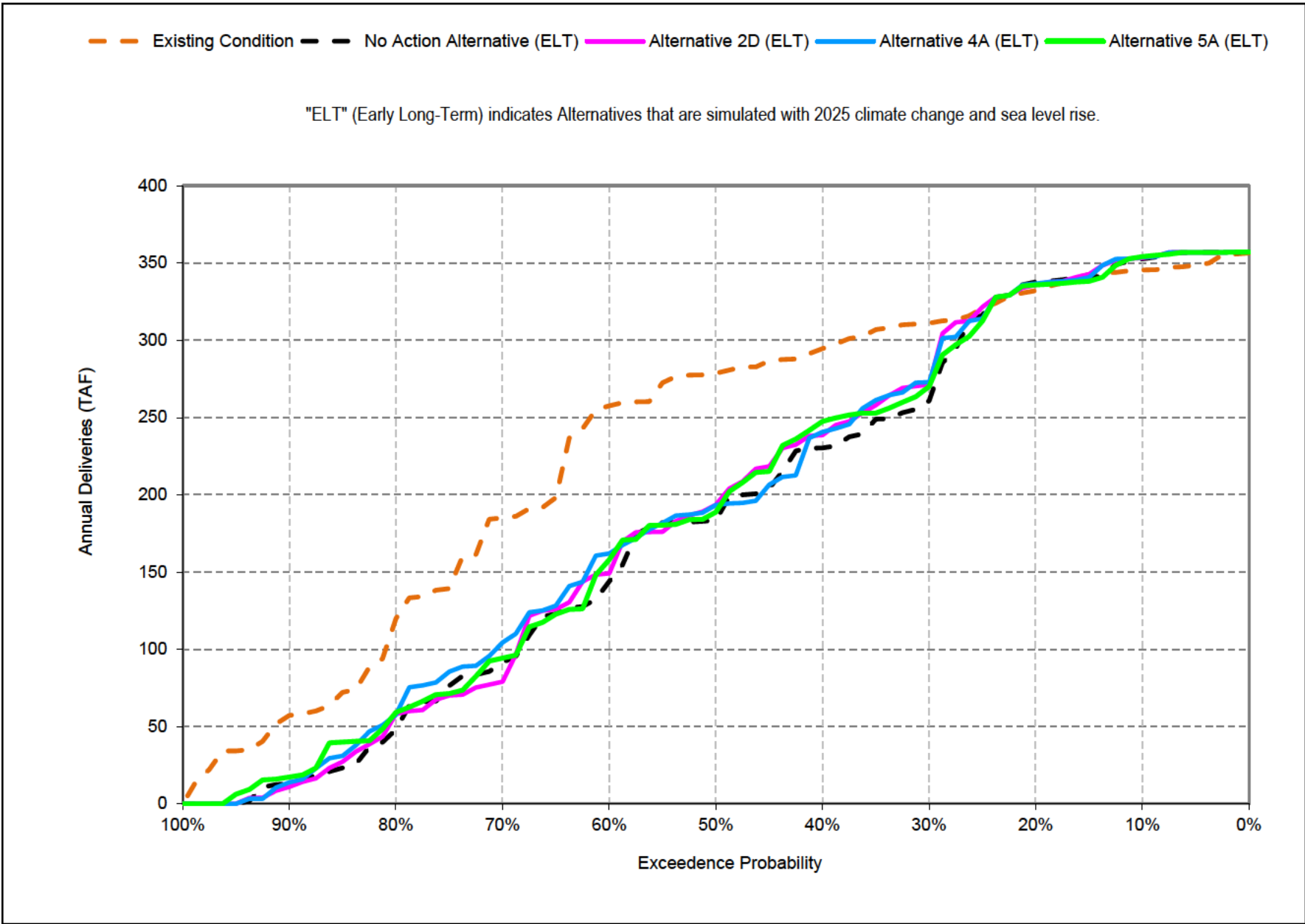


Figure 5-58
Annual CVP North of Delta Agricultural Water Service Contract Deliveries for Alternatives 2D, 4A and 5A

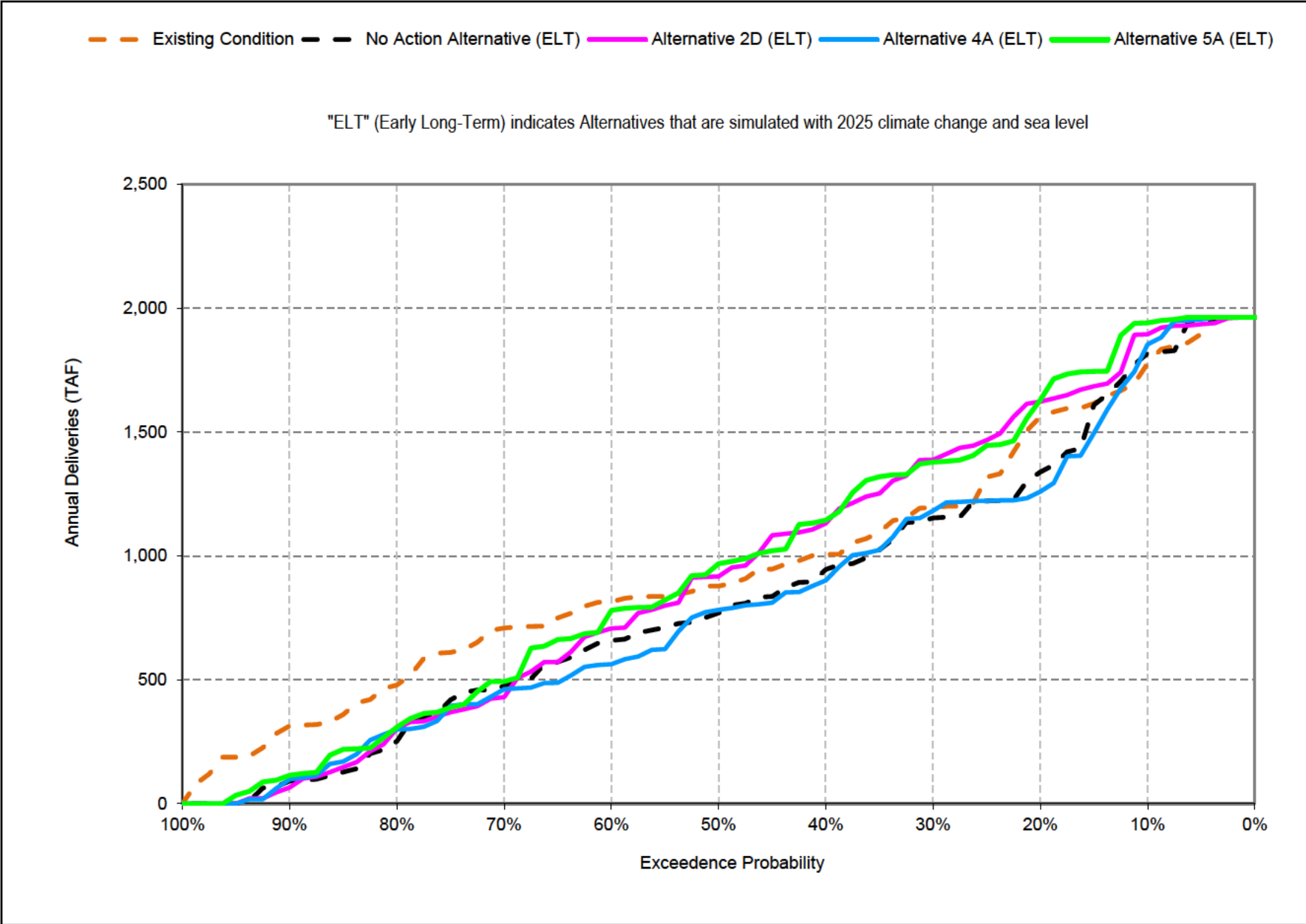


Figure 5-59
Annual CVP South of Delta Agricultural Water Service Contract Deliveries for Alternatives 2D, 4A and 5A

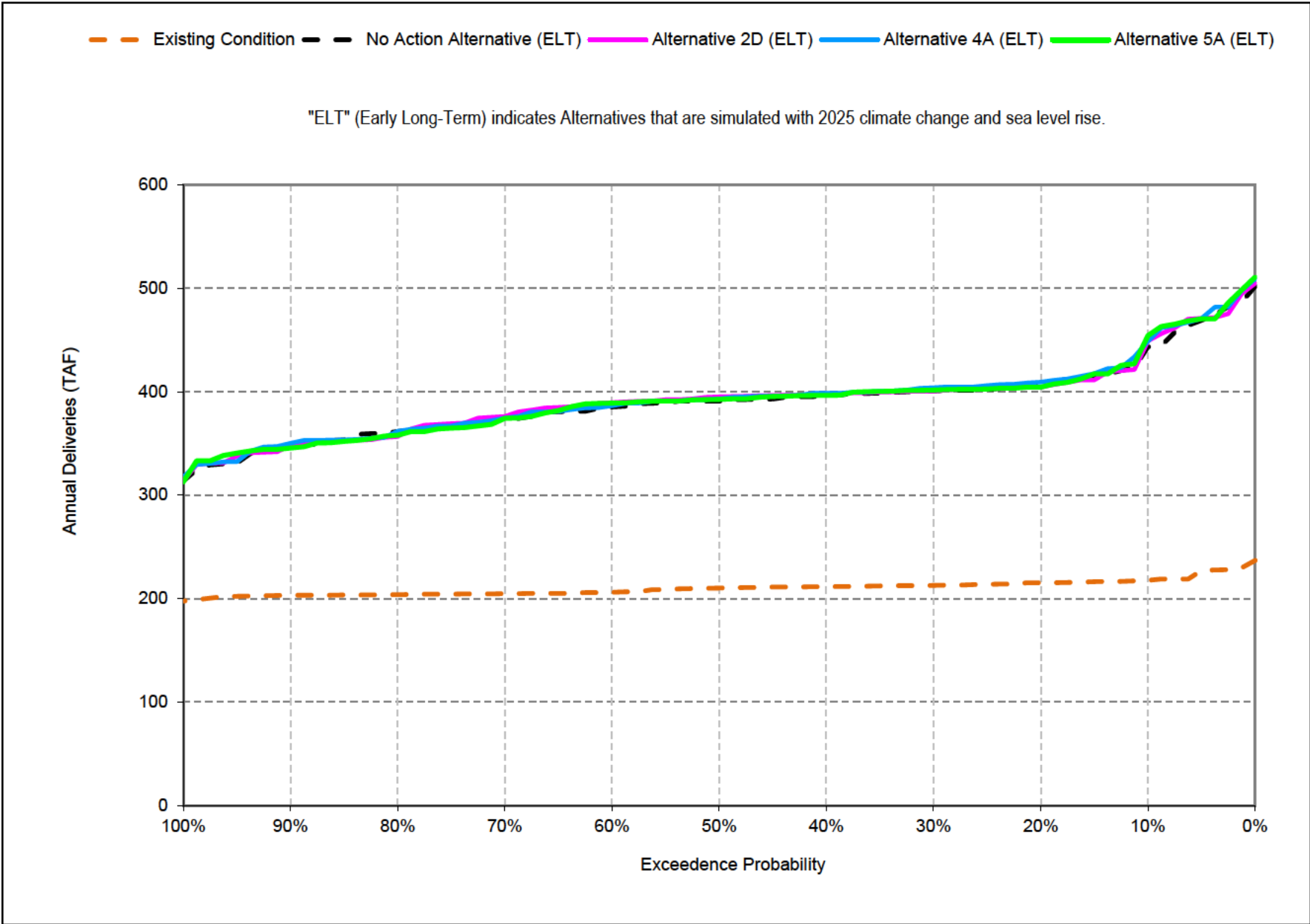


Figure 5-60
Annual CVP North of Delta Municipal and Industrial Water Service Contract Deliveries for Alternatives 2D, 4A and 5A

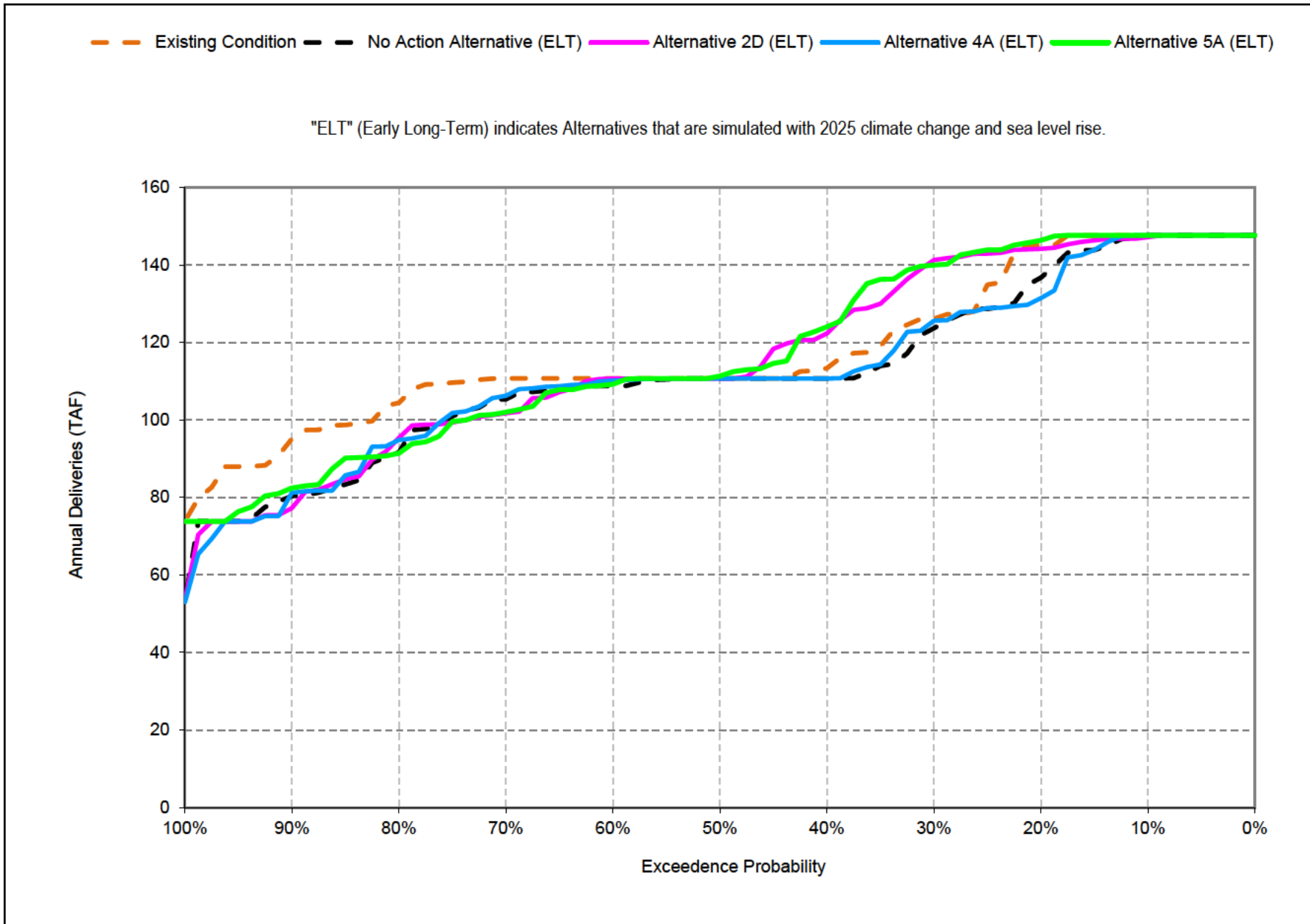


Figure 5-61
Annual CVP South of Delta Municipal and Industrial Water Service Contract Deliveries for Alternatives 2D, 4A and 5A

— Existing Condition
 - - No Action Alternative (ELT)
 — Alternative 2D (ELT)
 — Alternative 4A (ELT)
 — Alternative 5A (ELT)

"ELT" (Early Long-Term) indicates Alternatives that are simulated with 2025 climate change and sea level rise.

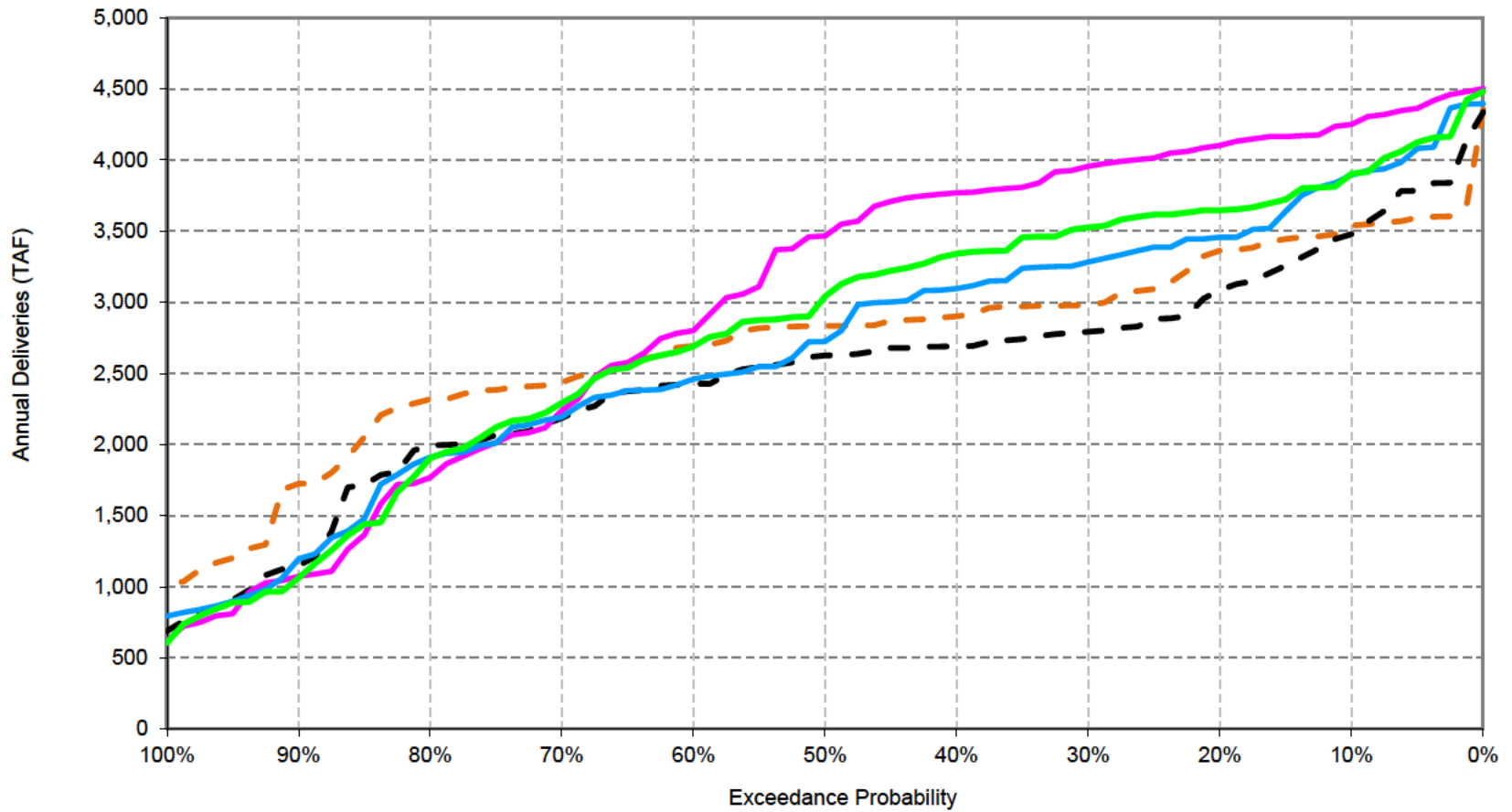


Figure 5-62
 Total Annual SWP South of Delta Deliveries Including Table A and Articles 21 and 56 Waters for Alternatives 2D, 4A and 5A

— Existing Condition
 - - No Action Alternative (ELT)
 — Alternative 2D (ELT)
 — Alternative 4A (ELT)
 — Alternative 5A (ELT)

"ELT" (Early Long-Term) indicates Alternatives that are simulated with 2025 climate change and sea level rise.

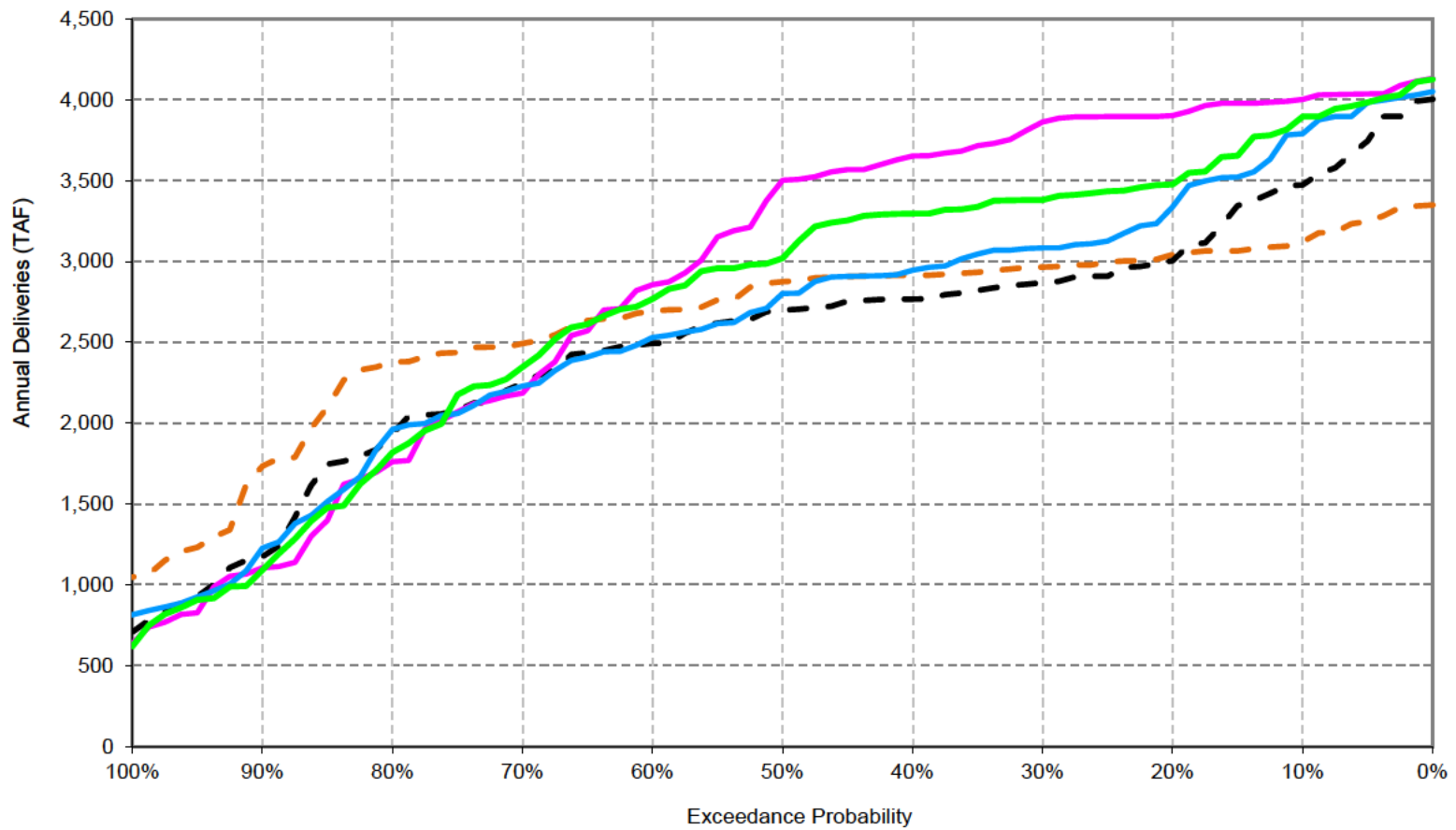
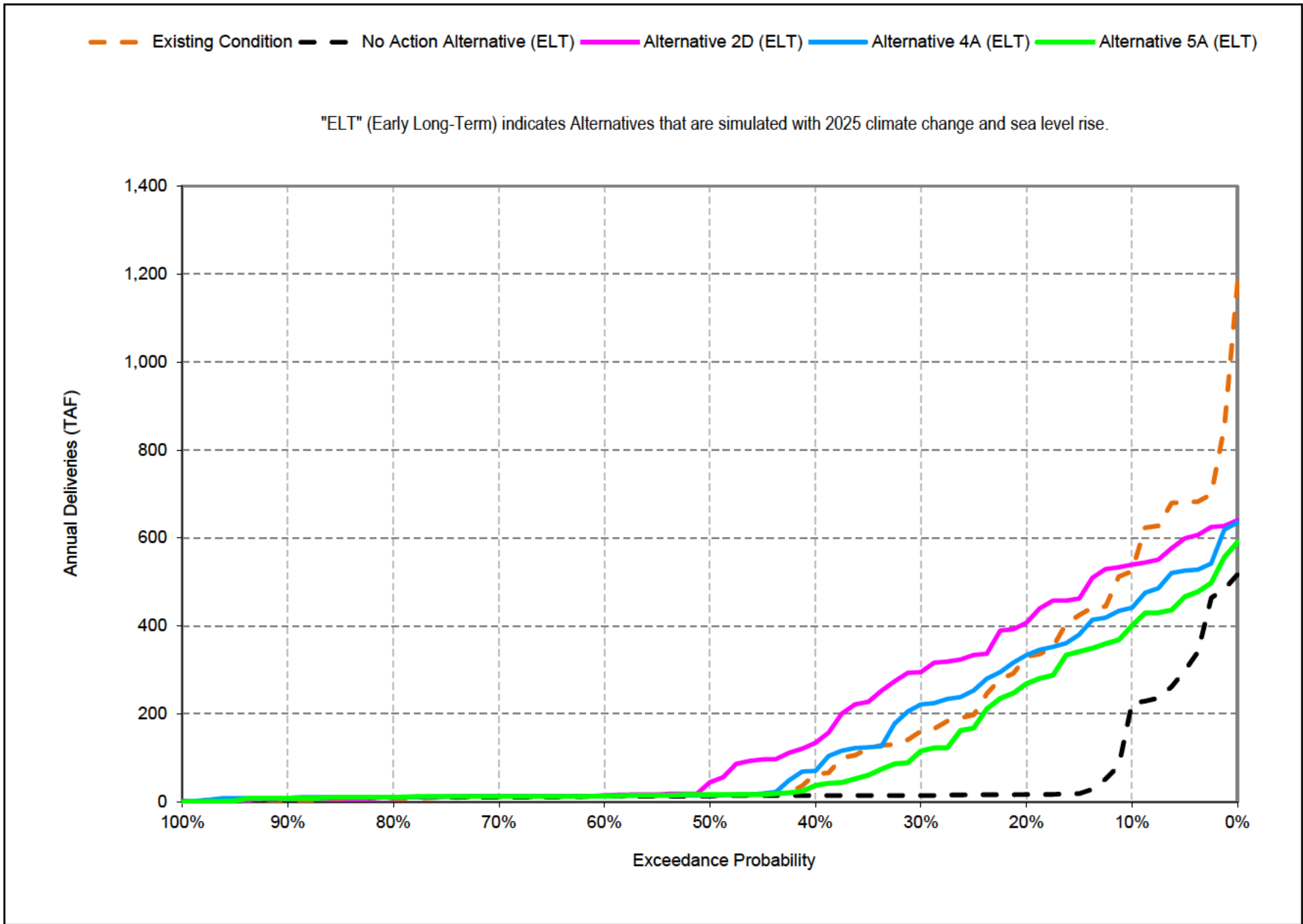


Figure 5-63
Annual SWP Table A Deliveries with Article 56 Waters for Alternatives 2D, 4A and 5A



"ELT" (Early Long-Term) indicates Alternatives that are simulated with 2025 climate change and sea level rise.

Figure 5-64
Annual SWP Article 21 Deliveries for Alternatives 2D, 4A and 5A

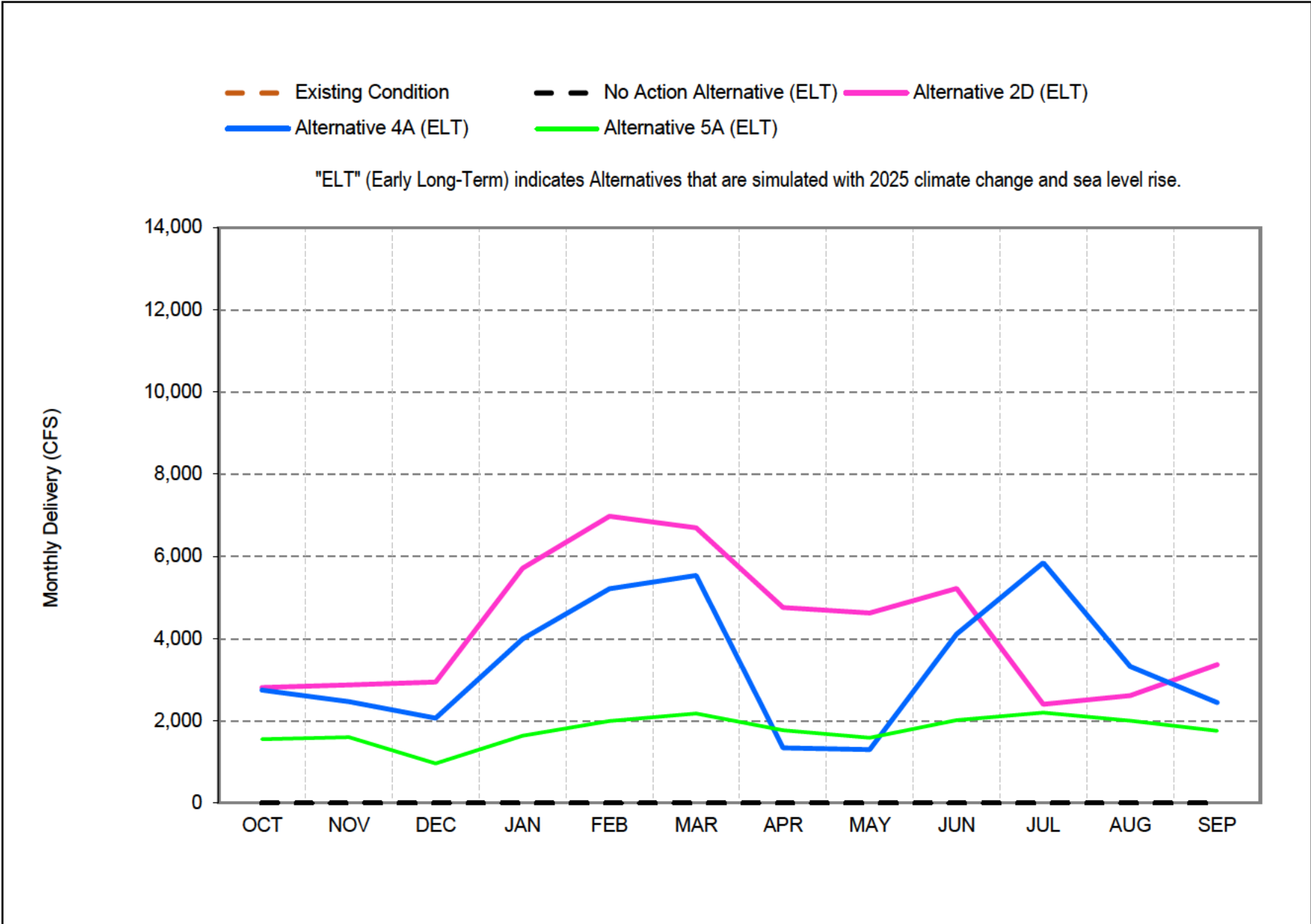


Figure 5-65
SWP and CVP North Delta Exports for Alternatives 2D, 4A and 5A Average Monthly

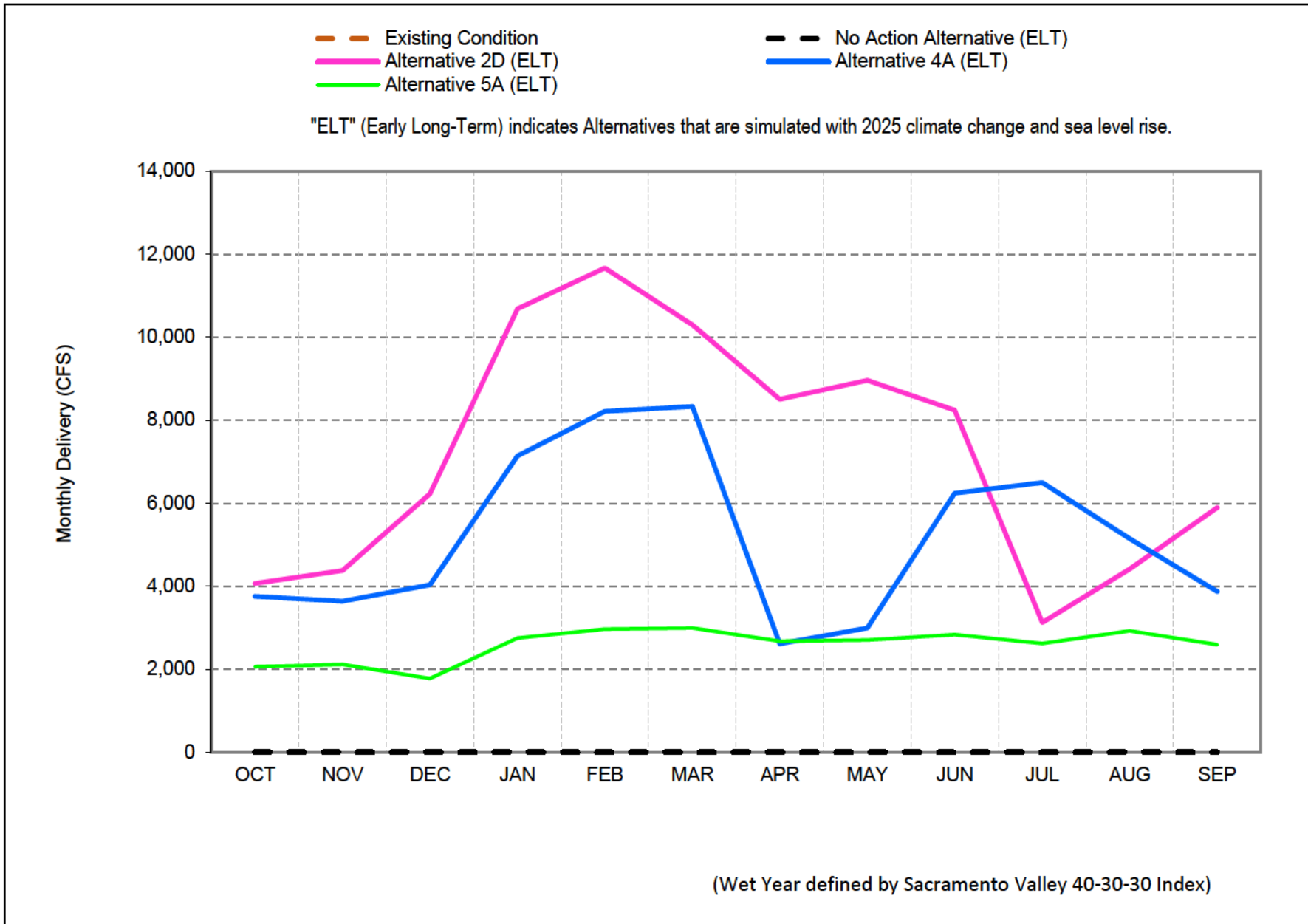


Figure 5-66
SWP and CVP North Delta Exports for Alternatives 2D, 4A and 5A Wet Year Average Monthly

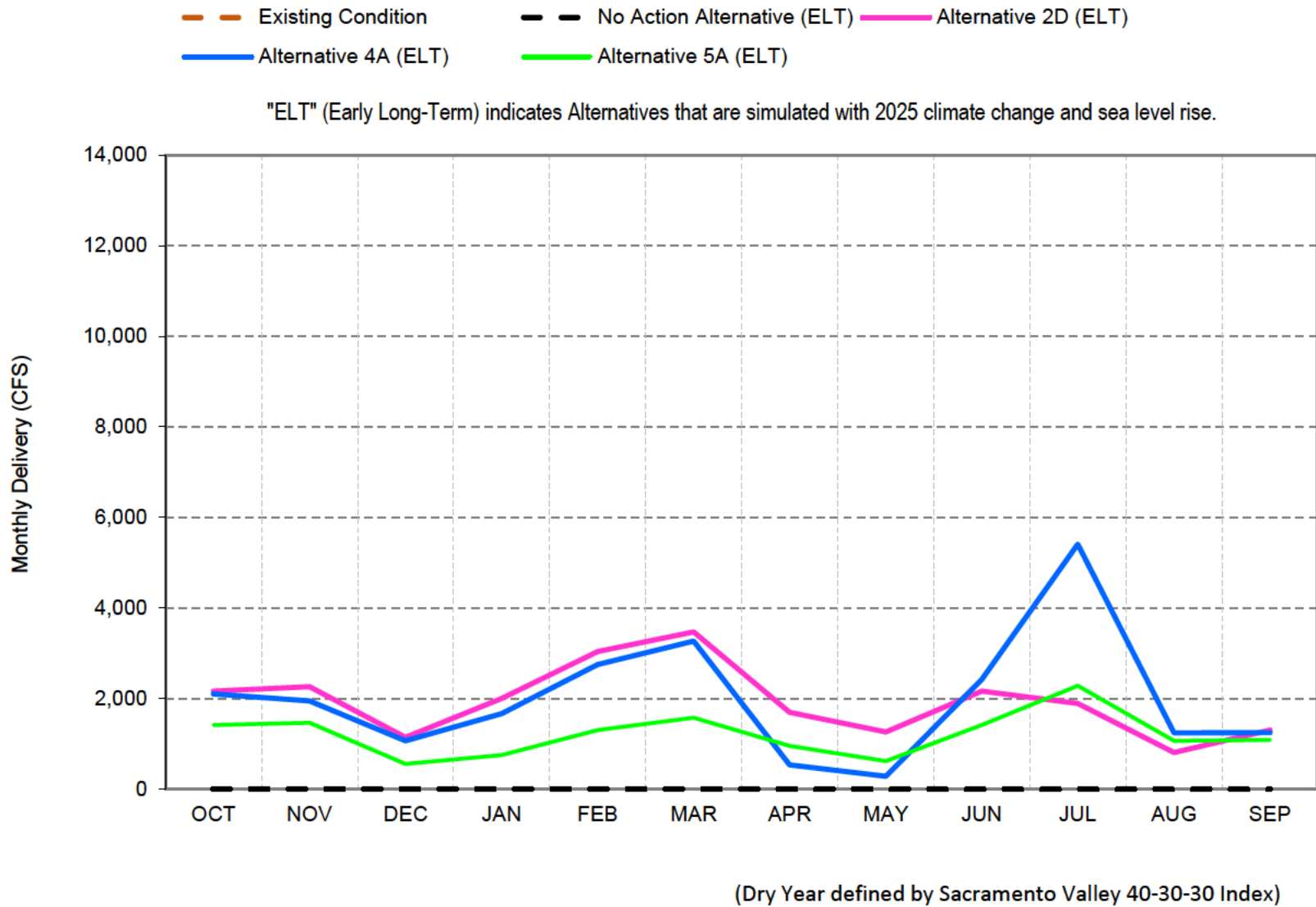


Figure 5-67
SWP and CVP North Delta Exports for Alternatives 2D, 4A and 5A Dry Year Average Monthly

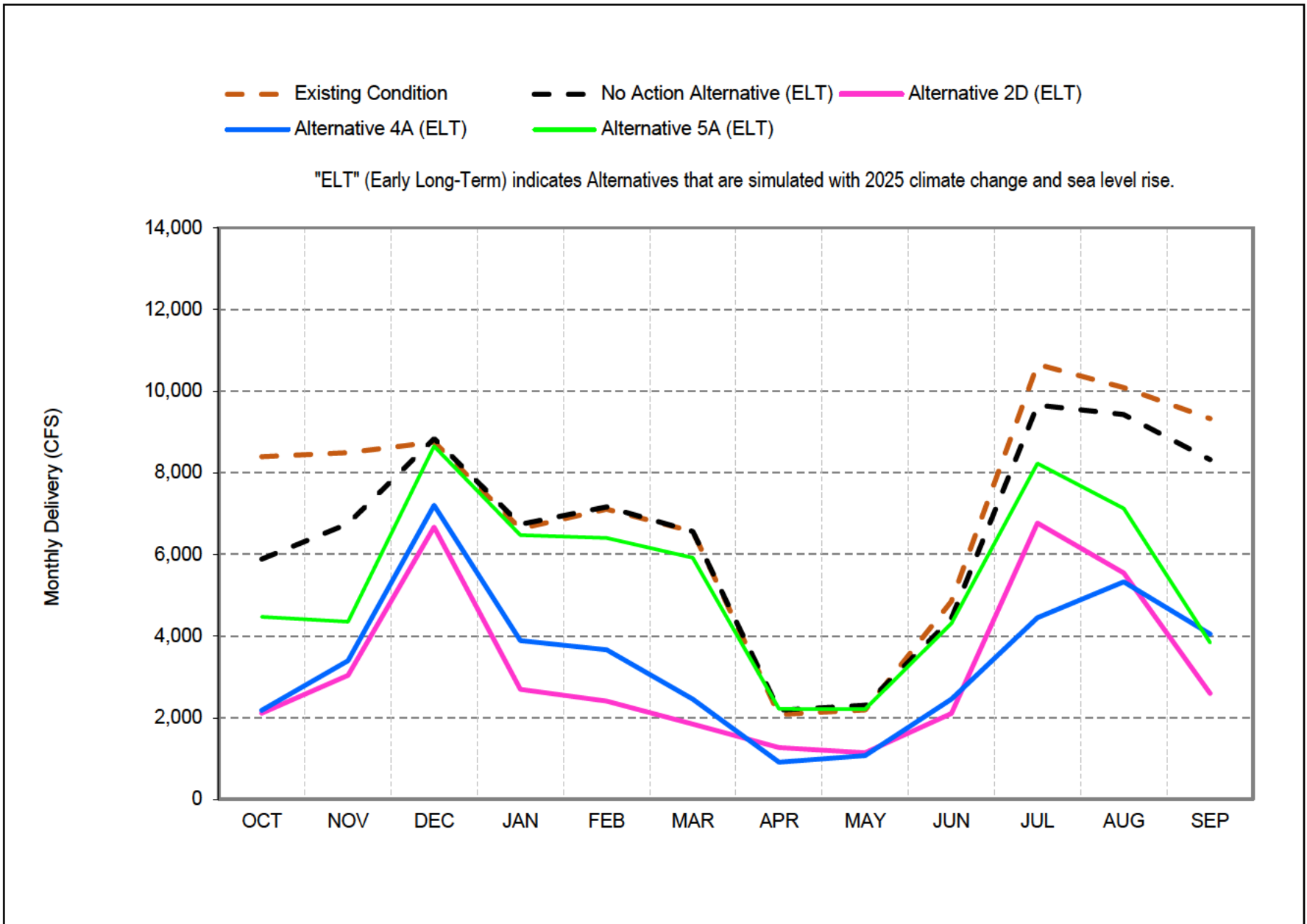


Figure 5-68
SWP and CVP South Delta Exports for Alternatives 2D, 4A and 5A Average Monthly

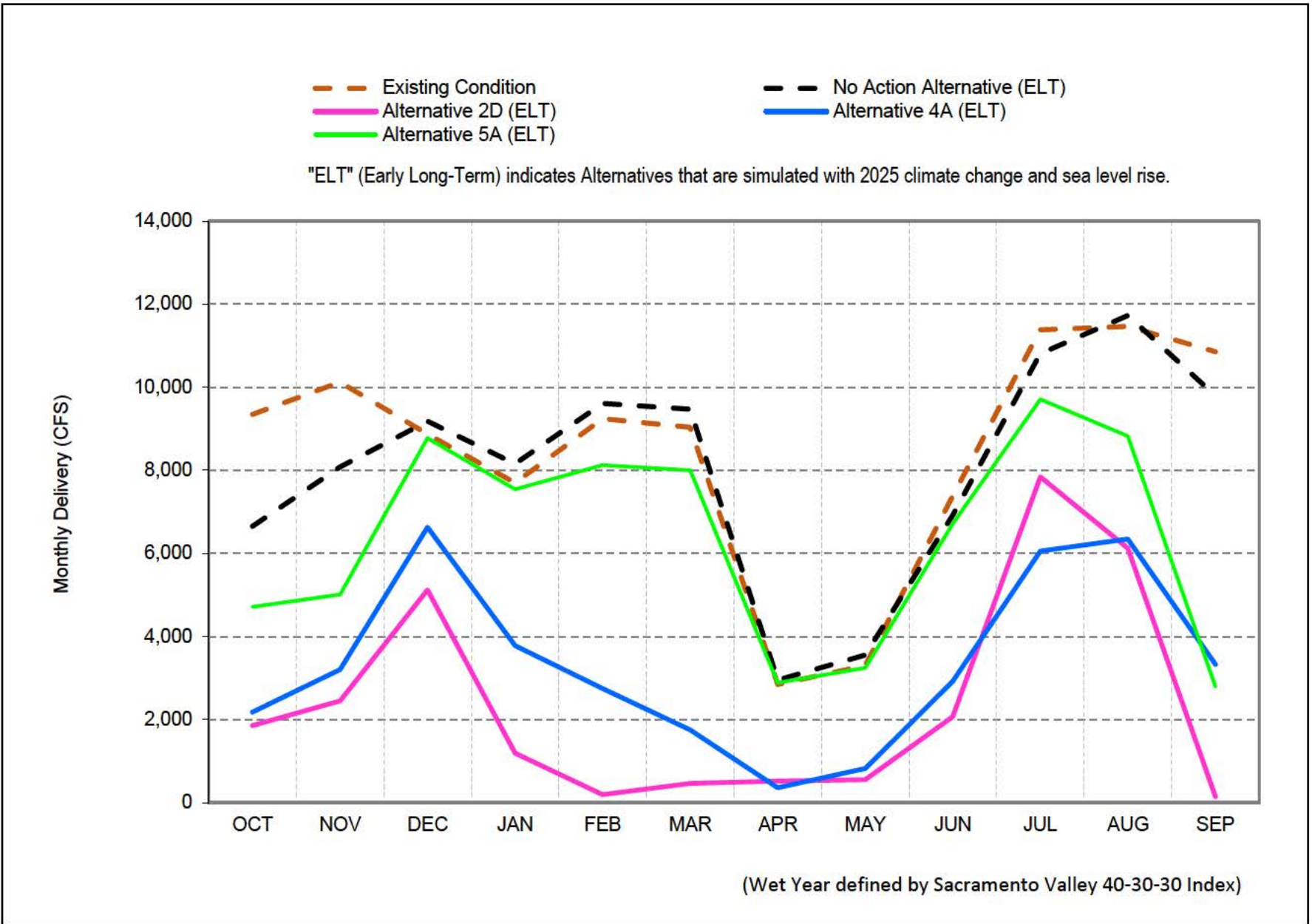


Figure 5-69

SWP and CVP South Delta Exports for Alternatives 2D, 4A and 5A Wet Year Average Monthly

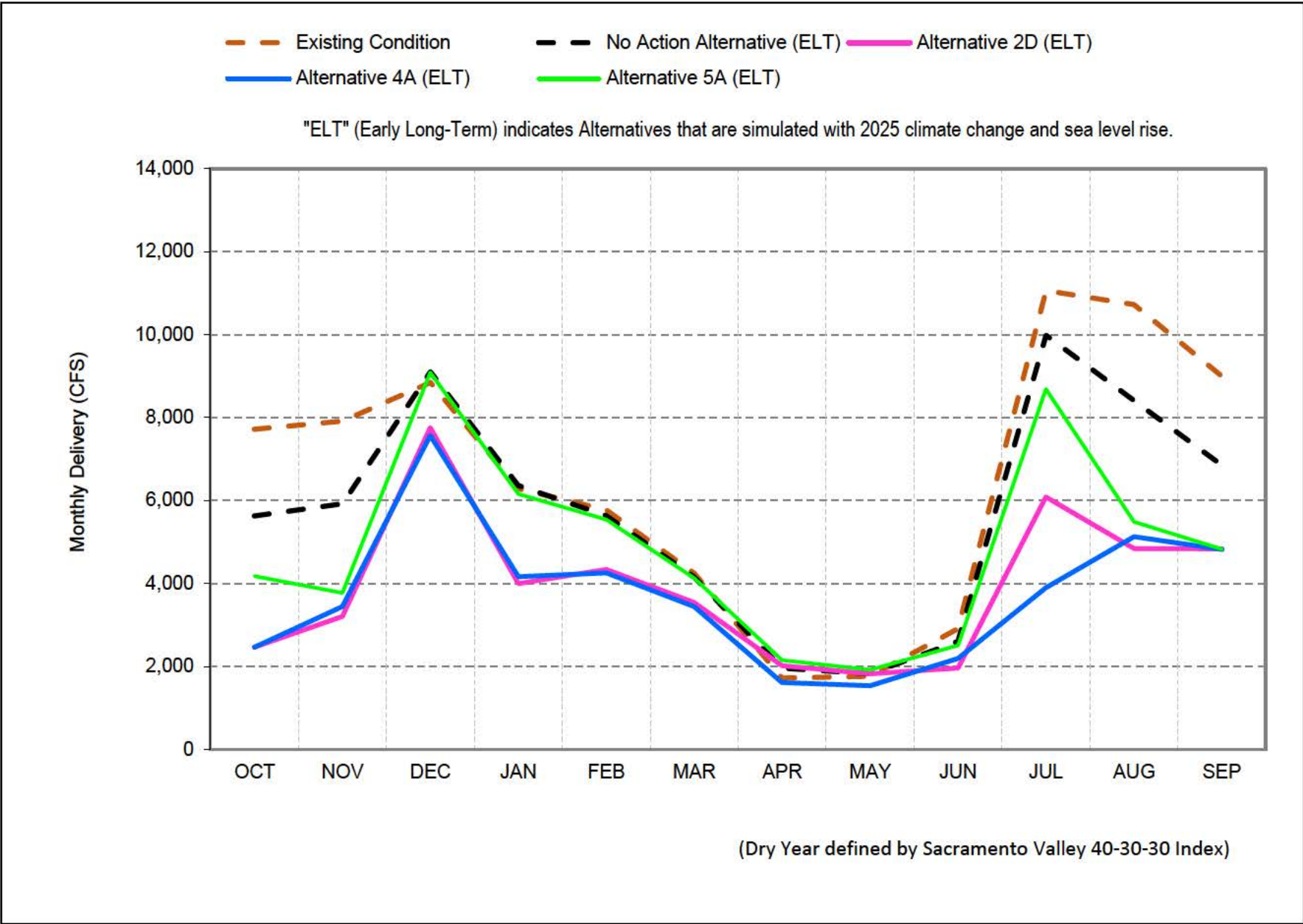


Figure 5-70
SWP and CVP South Delta Exports for Alternatives 2D, 4A and 5A Dry Year Average Monthly