

Appendix 4B

**Attachment 5a: Stage Results (DSM2)**

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## Appendix 4B

# Attachment 5a: Stage Results (DSM2)

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The following results of the DSM2 model are included for river stage conditions for the following scenarios:

- Baseline Conditions (072623)
- Proposed Project (021624)

<b>Title</b>	<b>Model Parameter</b>	<b>Table Numbers</b>
Sacramento River at Freeport Average Daily Maximum Elevation	RSAC155	4B-5-1a
Sacramento River at Freeport Average Daily Minimum Elevation	RSAC155	4B-5-2a
Sacramento River Downstream Steamboat Slough Average Daily Maximum Elevation	Sac_DS_STMBTSL	4B-5-3a
Sacramento River Downstream Steamboat Slough Average Daily Minimum Elevation	Sac_DS_STMBTSL	4B-5-4a
Sacramento River at Rio Vista Average Daily Maximum Elevation	RSAC101	4B-5-5a
Sacramento River at Rio Vista Average Daily Minimum Elevation	RSAC101	4B-5-6a
San Joaquin River at Jersey Point Average Daily Maximum Elevation	RSAN018	4B-5-7a
San Joaquin River at Jersey Point Average Daily Minimum Elevation	RSAN018	4B-5-8a
San Joaquin River at Prisoners Point Average Daily Maximum Elevation	RSAN037	4B-5-9a
San Joaquin River at Prisoners Point Average Daily Minimum Elevation	RSAN037	4B-5-10a
Old River at Tracy Boulevard Average Daily Maximum Elevation	ROLD059	4B-5-11a
Old River at Tracy Boulevard Average Daily Minimum Elevation	ROLD059	4B-5-12a

Report formats:

- Monthly tables comparing two scenarios (exceedance values, long-term average, and average by water year type).

**Table 4B-5-1a. Sacramento River at Freeport, Monthly Averaged Daily Maximum Elevation**

**Baseline Conditions 072623**

Statistic	Monthly Averaged Daily Maximum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	6.9	8.2	14.9	17.5	18.9	18.2	15.3	13.2	9.6	8.5	7.6	7.8
20%	6.7	6.9	11.1	15.2	17.0	15.4	11.7	10.7	8.2	8.1	7.5	7.6
30%	6.5	6.7	8.7	10.9	14.6	12.7	8.8	8.3	7.1	7.9	7.4	7.3
40%	6.4	6.5	7.5	9.4	11.6	10.6	7.5	7.2	6.8	7.8	7.3	7.1
50%	6.2	6.4	7.1	8.3	9.5	8.6	6.9	6.9	6.8	7.7	7.2	6.9
60%	6.1	6.3	6.8	7.7	8.2	8.0	6.4	6.6	6.7	7.6	7.1	6.6
70%	6.1	6.2	6.6	6.9	7.6	7.5	6.2	6.3	6.6	7.4	6.7	6.4
80%	5.9	6.0	6.4	6.6	7.1	6.6	6.0	6.3	6.5	7.1	6.5	6.2
90%	5.8	5.9	6.2	6.3	6.5	6.2	6.0	6.1	6.3	6.6	6.3	6.1
<b>Long Term</b>												
Full Simulation Period <sup>a</sup>	6.4	6.9	8.7	10.2	11.5	10.7	8.7	8.2	7.5	7.6	7.1	6.9
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	6.8	7.9	12.1	14.6	16.6	15.0	12.7	11.2	9.3	7.9	7.4	7.7
Above Normal (11%)	6.3	6.6	7.9	12.6	13.4	13.4	9.1	8.6	7.7	8.0	7.5	7.4
Below Normal (21%)	6.4	6.7	7.4	8.5	9.9	9.3	7.3	7.3	6.8	8.0	7.3	6.8
Dry (22%)	6.2	6.4	7.3	7.2	8.3	7.9	6.4	6.4	6.7	7.5	6.7	6.3
Critical (16%)	6.0	6.0	6.7	6.9	7.1	6.6	6.0	6.1	6.4	6.6	6.3	6.2

**Proposed Project 021624**

Statistic	Monthly Averaged Daily Maximum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	6.9	8.2	15.0	17.5	18.9	18.2	15.3	13.2	9.6	8.4	7.5	8.0
20%	6.7	6.9	11.1	15.2	17.0	15.4	11.7	10.7	8.2	8.1	7.5	7.8
30%	6.5	6.7	8.7	11.0	14.5	12.7	8.9	8.3	7.1	7.9	7.4	7.6
40%	6.4	6.5	7.5	9.4	11.6	10.6	7.6	7.2	6.8	7.8	7.3	7.2
50%	6.2	6.4	7.1	8.3	9.5	8.7	7.0	6.9	6.7	7.6	7.2	6.9
60%	6.1	6.3	6.8	7.7	8.2	8.1	6.5	6.6	6.7	7.6	7.1	6.5
70%	6.0	6.1	6.6	6.8	7.5	7.5	6.2	6.4	6.6	7.4	6.7	6.3
80%	5.9	6.0	6.4	6.6	7.1	6.6	6.1	6.3	6.5	7.1	6.5	6.2
90%	5.8	5.9	6.2	6.3	6.6	6.2	6.0	6.1	6.3	6.6	6.3	6.1
<b>Long Term</b>												
Full Simulation Period <sup>a</sup>	6.4	6.9	8.7	10.2	11.5	10.7	8.7	8.2	7.5	7.6	7.1	7.0
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	6.8	7.9	12.1	14.6	16.6	15.0	12.7	11.2	9.3	7.9	7.4	7.8
Above Normal (11%)	6.3	6.6	7.9	12.6	13.4	13.4	9.1	8.6	7.7	8.0	7.4	7.8
Below Normal (21%)	6.4	6.7	7.5	8.5	9.9	9.3	7.4	7.3	6.8	8.0	7.3	6.8
Dry (22%)	6.2	6.4	7.3	7.2	8.3	7.9	6.4	6.5	6.6	7.5	6.7	6.3
Critical (16%)	6.0	6.0	6.7	6.9	7.1	6.6	6.0	6.1	6.4	6.6	6.3	6.2

**Proposed Project 021624 minus Baseline Conditions 072623**

Statistic	Monthly Averaged Daily Maximum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
20%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
30%	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.3
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
50%	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	-0.1
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Long Term</b>												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Above Normal (11%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.3
Below Normal (21%)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	0.0
Critical (16%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

a Based on the 100-year simulation period

b As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

c The Elevations are based on North American Vertical Datum of 1988 (NAVD 88)

**Table 4B-5-2a. Sacramento River at Freeport, Monthly Averaged Daily Minimum Elevation**

**Baseline Conditions 072623**

Statistic	Monthly Averaged Daily Minimum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	5.7	7.3	14.4	17.1	18.5	17.9	15.0	12.7	8.8	7.3	6.3	6.7
20%	5.3	5.5	10.3	14.8	16.6	15.0	11.2	10.1	7.0	7.0	6.2	6.5
30%	5.1	5.1	7.8	10.3	14.1	12.2	8.0	7.4	5.7	6.7	6.1	6.2
40%	4.9	5.0	6.2	8.5	11.0	10.0	6.5	5.9	5.1	6.5	6.0	5.8
50%	4.6	4.8	5.6	7.2	8.7	7.8	5.7	5.5	5.0	6.4	5.9	5.5
60%	4.2	4.5	5.2	6.5	7.2	7.1	4.8	5.0	4.9	6.2	5.6	5.1
70%	4.0	4.3	4.9	5.3	6.4	6.4	4.5	4.6	4.8	5.9	5.0	4.5
80%	3.9	3.9	4.3	4.8	5.8	5.3	4.4	4.4	4.6	5.4	4.6	4.4
90%	3.7	3.7	4.2	4.5	5.0	4.7	4.1	4.0	4.2	4.5	4.2	4.2
<b>Long Term</b>												
Full Simulation Period <sup>a</sup>	4.8	5.2	7.4	9.1	10.7	9.9	7.5	6.9	6.0	6.2	5.5	5.5
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	5.3	6.5	11.3	14.0	16.2	14.5	12.0	10.5	8.1	6.6	6.0	6.5
Above Normal (11%)	4.5	5.0	6.5	11.9	12.9	12.9	8.2	7.5	6.3	6.8	6.3	6.3
Below Normal (21%)	4.8	5.1	5.9	7.3	9.0	8.5	6.1	6.0	5.1	6.8	6.0	5.4
Dry (22%)	4.6	4.6	5.7	5.7	7.2	6.8	4.8	4.7	4.9	6.1	5.0	4.5
Critical (16%)	4.0	3.9	4.8	5.2	5.7	5.1	4.2	4.0	4.2	4.5	4.1	4.2

**Proposed Project 021624**

Statistic	Monthly Averaged Daily Minimum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	5.7	7.1	14.4	17.1	18.5	18.0	15.0	12.7	8.8	7.3	6.2	7.1
20%	5.3	5.6	10.3	14.8	16.6	15.0	11.2	10.1	7.0	6.9	6.2	6.8
30%	5.2	5.1	7.8	10.4	14.1	12.1	8.1	7.4	5.7	6.7	6.1	6.4
40%	4.9	5.0	6.2	8.5	11.0	10.0	6.6	6.0	5.1	6.5	6.0	6.0
50%	4.6	4.8	5.6	7.2	8.7	7.9	5.8	5.4	5.0	6.4	5.8	5.5
60%	4.2	4.6	5.2	6.5	7.2	7.2	4.9	5.0	4.8	6.2	5.5	4.9
70%	4.0	4.2	4.9	5.3	6.4	6.5	4.6	4.6	4.7	5.9	5.0	4.5
80%	3.9	3.9	4.4	4.8	5.8	5.3	4.4	4.4	4.6	5.4	4.5	4.4
90%	3.8	3.7	4.2	4.5	5.0	4.7	4.1	4.0	4.2	4.5	4.2	4.2
<b>Long Term</b>												
Full Simulation Period <sup>a</sup>	4.7	5.2	7.4	9.1	10.7	9.9	7.6	6.9	5.9	6.2	5.5	5.6
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	5.3	6.5	11.3	14.0	16.2	14.5	12.0	10.5	8.1	6.5	6.0	6.8
Above Normal (11%)	4.6	5.0	6.6	11.9	12.8	12.9	8.3	7.6	6.3	6.8	6.2	6.7
Below Normal (21%)	4.8	5.1	5.9	7.4	9.0	8.5	6.2	5.9	5.1	6.8	5.9	5.4
Dry (22%)	4.6	4.7	5.7	5.7	7.2	6.9	4.9	4.8	4.8	6.1	5.0	4.5
Critical (16%)	4.0	3.9	4.9	5.2	5.8	5.1	4.2	4.0	4.2	4.5	4.1	4.2

**Proposed Project 021624 minus Baseline Conditions 072623**

Statistic	Monthly Averaged Daily Minimum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	0.0	-0.2	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1
20%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1
30%	0.0	0.0	0.0	0.1	0.0	-0.1	0.1	0.0	0.0	0.0	-0.1	0.2
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2
50%	0.0	0.0	0.0	0.0	-0.1	0.1	0.1	0.0	-0.1	0.0	0.0	0.1
60%	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0	0.0	-0.2
70%	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0	-0.1	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
<b>Long Term</b>												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Above Normal (11%)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	-0.1	0.4
Below Normal (21%)	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	-0.1	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	-0.1	0.0	0.0	0.0
Critical (16%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

a Based on the 100-year simulation period

b As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

c The Elevations are based on North American Vertical Datum of 1988 (NAVD 88)

**Table 4B-5-3a. Sacramento River d/s of Steamboat Slough, Monthly Averaged Daily Maximum Elevation**

**Baseline Conditions 072623**

Statistic	Monthly Averaged Daily Maximum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	6.2	6.8	10.1	11.6	12.5	12.0	10.1	9.0	7.3	6.9	6.6	6.5
20%	6.1	6.3	8.1	10.3	11.2	10.2	8.3	7.6	6.8	6.8	6.5	6.4
30%	6.0	6.1	7.0	8.0	9.8	8.7	6.9	6.7	6.4	6.7	6.5	6.3
40%	5.9	6.0	6.6	7.4	8.3	7.7	6.3	6.3	6.4	6.7	6.4	6.2
50%	5.9	5.9	6.4	6.9	7.2	6.8	6.1	6.3	6.3	6.6	6.4	6.2
60%	5.8	5.9	6.2	6.6	6.8	6.5	5.9	6.1	6.3	6.6	6.3	6.1
70%	5.7	5.8	6.2	6.3	6.5	6.3	5.8	6.0	6.2	6.5	6.3	6.0
80%	5.6	5.7	6.1	6.2	6.3	6.0	5.7	5.9	6.1	6.4	6.2	5.9
90%	5.5	5.6	5.8	6.0	6.1	5.8	5.6	5.8	6.0	6.3	6.0	5.8
<b>Long Term Full Simulation Period<sup>a</sup></b>												
	5.9	6.1	7.1	7.9	8.5	8.0	7.0	6.8	6.6	6.6	6.4	6.2
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	6.1	6.6	8.7	10.1	11.2	10.2	8.9	8.1	7.4	6.7	6.5	6.5
Above Normal (11%)	5.8	6.0	6.8	9.0	9.5	9.2	7.0	6.9	6.6	6.7	6.5	6.3
Below Normal (21%)	5.9	6.0	6.5	7.0	7.6	7.1	6.3	6.4	6.3	6.7	6.4	6.2
Dry (22%)	5.8	5.9	6.4	6.4	6.8	6.5	5.8	6.0	6.2	6.6	6.2	6.0
Critical (16%)	5.7	5.7	6.2	6.3	6.4	6.0	5.7	5.8	6.1	6.3	6.0	5.9

**Proposed Project 021624**

Statistic	Monthly Averaged Daily Maximum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	6.2	6.8	10.1	11.6	12.5	12.0	10.1	9.0	7.3	6.8	6.6	6.6
20%	6.1	6.3	8.1	10.3	11.2	10.2	8.3	7.6	6.8	6.8	6.5	6.5
30%	6.0	6.1	7.0	8.0	9.8	8.7	7.0	6.7	6.4	6.7	6.5	6.4
40%	5.9	6.0	6.6	7.4	8.3	7.7	6.4	6.3	6.4	6.7	6.4	6.3
50%	5.9	5.9	6.4	6.9	7.2	6.8	6.1	6.3	6.3	6.6	6.4	6.2
60%	5.8	5.9	6.3	6.6	6.8	6.5	6.0	6.1	6.3	6.6	6.3	6.1
70%	5.7	5.8	6.2	6.3	6.6	6.3	5.8	6.0	6.2	6.5	6.3	6.0
80%	5.6	5.7	6.0	6.2	6.3	6.0	5.8	5.9	6.1	6.4	6.1	5.9
90%	5.5	5.6	5.8	6.0	6.1	5.8	5.6	5.8	6.0	6.3	6.0	5.8
<b>Long Term Full Simulation Period<sup>a</sup></b>												
	5.9	6.1	7.1	7.9	8.5	8.0	7.0	6.8	6.6	6.6	6.4	6.2
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	6.1	6.6	8.7	10.1	11.2	10.2	8.9	8.1	7.4	6.7	6.5	6.5
Above Normal (11%)	5.8	6.0	6.8	9.0	9.5	9.3	7.0	6.9	6.6	6.7	6.5	6.4
Below Normal (21%)	5.9	6.0	6.5	7.0	7.6	7.1	6.3	6.4	6.3	6.7	6.4	6.2
Dry (22%)	5.8	5.9	6.4	6.4	6.8	6.5	5.9	6.0	6.2	6.6	6.2	6.0
Critical (16%)	5.7	5.7	6.2	6.3	6.4	6.0	5.7	5.8	6.1	6.3	6.0	5.9

**Proposed Project 021624 minus Baseline Conditions 072623**

Statistic	Monthly Averaged Daily Maximum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
20%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Long Term Full Simulation Period<sup>a</sup></b>												
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (11%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Below Normal (21%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Critical (16%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

a Based on the 100-year simulation period

b As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

c The Elevations are based on North American Vertical Datum of 1988 (NAVD 88)

**Table 4B-5-4a. Sacramento River d/s of Steamboat Slough, Monthly Averaged Daily Minimum Elevation**

**Baseline Conditions 072623**

Statistic	Monthly Averaged Daily Minimum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	3.8	4.8	9.0	10.8	11.8	11.4	9.3	7.9	5.6	4.5	4.1	4.3
20%	3.6	3.7	6.6	9.3	10.4	9.4	7.0	6.3	4.4	4.3	4.0	4.2
30%	3.6	3.5	5.0	6.5	8.8	7.6	5.2	4.7	3.7	4.2	4.0	4.1
40%	3.5	3.4	4.2	5.5	7.0	6.3	4.4	4.0	3.5	4.1	3.9	3.9
50%	3.3	3.3	3.9	4.8	5.6	5.1	3.9	3.8	3.5	4.1	3.9	3.7
60%	3.2	3.2	3.7	4.3	4.7	4.7	3.5	3.5	3.4	4.0	3.8	3.6
70%	3.1	3.1	3.4	3.7	4.3	4.4	3.3	3.4	3.3	3.9	3.5	3.4
80%	3.1	3.0	3.3	3.5	4.0	3.7	3.2	3.2	3.3	3.7	3.4	3.3
90%	3.0	2.8	3.1	3.3	3.6	3.4	3.1	3.1	3.1	3.3	3.2	3.2
<b>Long Term Full Simulation Period<sup>a</sup></b>												
	3.4	3.6	4.9	6.0	6.9	6.4	5.0	4.6	4.0	4.0	3.7	3.8
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	3.7	4.3	7.2	8.9	10.3	9.2	7.6	6.6	5.2	4.2	4.0	4.3
Above Normal (11%)	3.3	3.5	4.4	7.6	8.2	8.1	5.3	4.9	4.2	4.3	4.1	4.1
Below Normal (21%)	3.4	3.5	4.1	4.9	5.9	5.5	4.1	4.1	3.5	4.3	3.9	3.7
Dry (22%)	3.3	3.3	4.0	3.9	4.8	4.5	3.5	3.4	3.4	3.9	3.5	3.3
Critical (16%)	3.1	3.0	3.5	3.7	4.0	3.7	3.2	3.1	3.1	3.3	3.2	3.2

**Proposed Project 021624**

Statistic	Monthly Averaged Daily Minimum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	3.9	4.8	9.0	10.8	11.8	11.4	9.3	7.9	5.6	4.5	4.1	4.5
20%	3.6	3.8	6.6	9.3	10.4	9.4	7.0	6.3	4.4	4.3	4.0	4.3
30%	3.6	3.5	5.0	6.5	8.8	7.6	5.2	4.7	3.7	4.2	4.0	4.2
40%	3.5	3.4	4.2	5.5	7.0	6.4	4.4	4.1	3.5	4.1	3.9	4.0
50%	3.3	3.3	3.9	4.8	5.6	5.1	3.9	3.7	3.4	4.1	3.9	3.8
60%	3.2	3.3	3.7	4.3	4.7	4.7	3.5	3.6	3.4	4.0	3.7	3.5
70%	3.1	3.1	3.5	3.7	4.3	4.4	3.3	3.4	3.3	3.9	3.5	3.4
80%	3.1	3.0	3.3	3.5	4.1	3.7	3.2	3.3	3.3	3.7	3.3	3.3
90%	2.9	2.8	3.1	3.3	3.6	3.4	3.1	3.1	3.0	3.3	3.2	3.2
<b>Long Term Full Simulation Period<sup>a</sup></b>												
	3.4	3.6	4.9	6.0	6.9	6.4	5.0	4.6	4.0	4.0	3.7	3.8
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	3.7	4.3	7.2	8.9	10.3	9.2	7.6	6.6	5.2	4.2	4.0	4.4
Above Normal (11%)	3.4	3.5	4.4	7.6	8.2	8.2	5.3	4.9	4.2	4.2	4.0	4.3
Below Normal (21%)	3.4	3.5	4.1	4.9	5.9	5.5	4.2	4.1	3.5	4.2	3.9	3.7
Dry (22%)	3.3	3.3	3.9	3.9	4.8	4.6	3.5	3.4	3.3	3.9	3.5	3.3
Critical (16%)	3.1	3.0	3.5	3.7	4.0	3.6	3.2	3.1	3.1	3.3	3.2	3.2

**Proposed Project 021624 minus Baseline Conditions 072623**

Statistic	Monthly Averaged Daily Minimum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
20%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
30%	0.0	0.0	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.1
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Long Term Full Simulation Period<sup>a</sup></b>												
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Above Normal (11%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.2
Below Normal (21%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Critical (16%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

a Based on the 100-year simulation period

b As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

c The Elevations are based on North American Vertical Datum of 1988 (NAVD 88)



**Table 4B-5-5a. Sacramento River at Rio Vista, Monthly Averaged Daily Maximum Elevation**

**Baseline Conditions 072623**

Statistic	Monthly Averaged Daily Maximum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	5.9	6.1	6.7	7.0	7.0	6.6	6.2	6.3	6.4	6.4	6.2	6.0
20%	5.8	5.9	6.5	6.6	6.7	6.3	6.0	6.2	6.2	6.3	6.2	6.0
30%	5.7	5.8	6.2	6.4	6.5	6.1	5.9	6.0	6.2	6.3	6.1	6.0
40%	5.7	5.8	6.1	6.3	6.3	6.0	5.8	6.0	6.1	6.3	6.1	5.9
50%	5.6	5.7	6.0	6.2	6.2	5.9	5.7	5.9	6.1	6.2	6.1	5.9
60%	5.6	5.7	6.0	6.1	6.1	5.8	5.6	5.8	6.1	6.2	6.0	5.8
70%	5.6	5.6	5.9	6.0	6.0	5.7	5.6	5.8	6.0	6.2	6.0	5.8
80%	5.5	5.6	5.8	5.9	5.9	5.6	5.5	5.8	6.0	6.2	6.0	5.7
90%	5.5	5.5	5.7	5.8	5.7	5.5	5.4	5.7	5.9	6.0	5.9	5.7
<b>Long Term</b>												
Full Simulation Period <sup>a</sup>	5.7	5.8	6.1	6.3	6.3	6.0	5.8	6.0	6.1	6.2	6.1	5.9
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	5.7	5.9	6.4	6.7	6.8	6.4	6.1	6.2	6.3	6.3	6.1	6.0
Above Normal (11%)	5.7	5.8	6.1	6.5	6.6	6.1	5.8	6.0	6.1	6.2	6.1	5.8
Below Normal (21%)	5.7	5.7	6.0	6.2	6.2	5.9	5.7	5.9	6.1	6.2	6.1	5.9
Dry (22%)	5.6	5.7	5.9	5.9	5.9	5.7	5.5	5.8	6.0	6.2	6.0	5.8
Critical (16%)	5.7	5.7	5.9	6.0	5.9	5.6	5.6	5.8	6.1	6.2	6.0	5.9

**Proposed Project 021624**

Statistic	Monthly Averaged Daily Maximum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	5.9	6.1	6.7	7.0	7.0	6.6	6.2	6.3	6.4	6.4	6.2	6.0
20%	5.8	5.9	6.5	6.6	6.7	6.3	6.0	6.2	6.2	6.3	6.2	6.0
30%	5.7	5.8	6.2	6.4	6.5	6.1	5.9	6.0	6.2	6.3	6.1	6.0
40%	5.7	5.8	6.1	6.3	6.3	6.0	5.8	6.0	6.1	6.3	6.1	5.9
50%	5.6	5.7	6.0	6.2	6.2	5.9	5.7	5.9	6.1	6.2	6.1	5.9
60%	5.6	5.7	6.0	6.1	6.1	5.8	5.6	5.8	6.1	6.2	6.0	5.8
70%	5.6	5.6	5.9	6.0	6.0	5.7	5.6	5.8	6.0	6.2	6.0	5.8
80%	5.5	5.6	5.8	5.9	5.9	5.6	5.5	5.8	6.0	6.2	6.0	5.8
90%	5.5	5.5	5.7	5.8	5.7	5.5	5.4	5.7	5.9	6.1	5.9	5.7
<b>Long Term</b>												
Full Simulation Period <sup>a</sup>	5.7	5.8	6.1	6.3	6.3	6.0	5.8	6.0	6.1	6.2	6.1	5.9
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	5.7	5.9	6.4	6.7	6.8	6.4	6.1	6.2	6.3	6.3	6.1	6.0
Above Normal (11%)	5.7	5.8	6.1	6.5	6.6	6.1	5.8	6.0	6.1	6.2	6.0	5.8
Below Normal (21%)	5.7	5.7	6.0	6.2	6.2	5.9	5.7	5.9	6.1	6.2	6.1	5.9
Dry (22%)	5.6	5.7	5.9	5.9	5.9	5.7	5.5	5.8	6.0	6.2	6.0	5.8
Critical (16%)	5.7	5.7	6.0	6.0	5.9	5.6	5.6	5.8	6.1	6.2	6.0	5.9

**Proposed Project 021624 minus Baseline Conditions 072623**

Statistic	Monthly Averaged Daily Maximum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Long Term</b>												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (11%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (21%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Critical (16%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

a Based on the 100-year simulation period

b As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

c The Elevations are based on North American Vertical Datum of 1988 (NAVD 88)

**Table 4B-5-6a. Sacramento River at Rio Vista, Monthly Averaged Daily Minimum Elevation**

**Baseline Conditions 072623**

Statistic	Monthly Averaged Daily Minimum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	2.2	2.1	2.7	3.5	4.0	3.4	2.6	2.3	2.2	2.2	2.3	2.4
20%	2.1	2.0	2.4	2.8	3.1	2.8	2.3	2.1	2.0	2.1	2.2	2.3
30%	2.0	1.9	2.1	2.4	2.8	2.5	2.1	2.0	2.0	2.1	2.2	2.2
40%	2.0	1.9	1.9	2.1	2.5	2.3	2.0	1.9	1.9	2.1	2.1	2.2
50%	2.0	1.8	1.9	2.0	2.2	2.1	1.9	1.8	1.9	2.0	2.1	2.2
60%	1.9	1.8	1.8	1.9	2.1	2.1	1.8	1.8	1.9	2.0	2.1	2.1
70%	1.9	1.7	1.7	1.8	2.0	2.0	1.7	1.8	1.8	2.0	2.1	2.1
80%	1.9	1.6	1.7	1.8	1.9	1.8	1.7	1.7	1.8	1.9	2.0	2.1
90%	1.8	1.6	1.6	1.7	1.8	1.7	1.6	1.6	1.7	1.9	2.0	2.0
<b>Long Term</b>												
Full Simulation Period <sup>a</sup>	2.0	1.8	2.0	2.3	2.6	2.4	2.0	1.9	1.9	2.0	2.1	2.2
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	2.0	2.0	2.4	3.0	3.4	3.0	2.4	2.2	2.1	2.1	2.2	2.3
Above Normal (11%)	2.0	1.9	2.0	2.6	2.9	2.6	2.0	1.9	1.9	2.0	2.1	2.2
Below Normal (21%)	2.0	1.8	1.9	2.0	2.3	2.2	1.9	1.9	1.9	2.1	2.1	2.2
Dry (22%)	1.9	1.7	1.8	1.8	2.0	2.0	1.7	1.7	1.8	2.0	2.1	2.1
Critical (16%)	1.9	1.7	1.8	1.8	2.0	1.9	1.7	1.7	1.8	2.0	2.1	2.2

**Proposed Project 021624**

Statistic	Monthly Averaged Daily Minimum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	2.2	2.1	2.7	3.5	4.0	3.4	2.6	2.3	2.2	2.2	2.3	2.4
20%	2.1	2.0	2.4	2.8	3.1	2.8	2.3	2.1	2.0	2.1	2.2	2.3
30%	2.0	1.9	2.1	2.4	2.8	2.5	2.1	2.0	2.0	2.1	2.2	2.3
40%	2.0	1.9	1.9	2.1	2.5	2.3	2.0	1.9	1.9	2.1	2.1	2.2
50%	2.0	1.8	1.9	2.0	2.2	2.1	1.9	1.8	1.9	2.0	2.1	2.2
60%	1.9	1.8	1.8	1.9	2.1	2.1	1.8	1.8	1.9	2.0	2.1	2.1
70%	1.9	1.7	1.7	1.8	2.0	2.0	1.7	1.7	1.8	2.0	2.1	2.1
80%	1.9	1.6	1.7	1.8	1.9	1.8	1.7	1.7	1.8	1.9	2.0	2.1
90%	1.8	1.6	1.6	1.7	1.8	1.7	1.6	1.6	1.7	1.9	2.0	2.0
<b>Long Term</b>												
Full Simulation Period <sup>a</sup>	2.0	1.8	2.0	2.3	2.6	2.4	2.0	1.9	1.9	2.0	2.1	2.2
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	2.0	2.0	2.4	3.0	3.4	3.0	2.4	2.2	2.1	2.1	2.2	2.3
Above Normal (11%)	2.0	1.9	2.0	2.6	2.9	2.6	2.0	1.9	1.9	2.0	2.1	2.2
Below Normal (21%)	2.0	1.8	1.9	2.0	2.3	2.2	1.9	1.9	1.9	2.0	2.1	2.2
Dry (22%)	1.9	1.7	1.8	1.8	2.0	2.0	1.7	1.7	1.8	2.0	2.1	2.1
Critical (16%)	1.9	1.7	1.8	1.8	2.0	1.9	1.7	1.7	1.8	2.0	2.1	2.2

**Proposed Project 021624 minus Baseline Conditions 072623**

Statistic	Monthly Averaged Daily Minimum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Long Term</b>												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (11%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (21%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Critical (16%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

a Based on the 100-year simulation period

b As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

c The Elevations are based on North American Vertical Datum of 1988 (NAVD 88)



**Table 4B-5-7a. San Joaquin River at Jersey Point, Monthly Averaged Daily Maximum Elevation**

**Baseline Conditions 072623**

Statistic	Monthly Averaged Daily Maximum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	5.7	5.8	6.2	6.5	6.5	6.1	5.8	6.0	6.1	6.1	6.0	5.8
20%	5.6	5.7	6.1	6.2	6.2	5.9	5.7	5.8	6.0	6.1	6.0	5.8
30%	5.5	5.6	5.9	6.0	6.0	5.8	5.6	5.8	6.0	6.1	5.9	5.8
40%	5.5	5.5	5.8	5.9	5.9	5.7	5.5	5.7	5.9	6.0	5.9	5.7
50%	5.4	5.5	5.8	5.8	5.8	5.6	5.4	5.6	5.9	6.0	5.9	5.7
60%	5.4	5.5	5.7	5.8	5.8	5.5	5.4	5.6	5.8	6.0	5.8	5.6
70%	5.4	5.4	5.7	5.7	5.7	5.4	5.3	5.6	5.8	6.0	5.8	5.6
80%	5.3	5.4	5.5	5.6	5.6	5.4	5.3	5.5	5.8	5.9	5.7	5.6
90%	5.3	5.3	5.4	5.6	5.5	5.2	5.2	5.5	5.7	5.8	5.7	5.5
<b>Long Term</b>												
Full Simulation Period <sup>a</sup>	5.5	5.5	5.8	5.9	5.9	5.6	5.5	5.7	5.9	6.0	5.9	5.7
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	5.5	5.6	6.0	6.2	6.2	5.9	5.7	5.8	6.0	6.0	5.9	5.8
Above Normal (11%)	5.5	5.6	5.8	6.1	6.2	5.7	5.5	5.7	5.9	6.0	5.8	5.6
Below Normal (21%)	5.5	5.5	5.7	5.8	5.8	5.5	5.4	5.6	5.9	6.0	5.8	5.6
Dry (22%)	5.4	5.4	5.7	5.7	5.6	5.5	5.3	5.6	5.8	5.9	5.8	5.6
Critical (16%)	5.5	5.5	5.7	5.7	5.7	5.4	5.4	5.6	5.9	6.0	5.9	5.7

**Proposed Project 021624**

Statistic	Monthly Averaged Daily Maximum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	5.7	5.8	6.2	6.5	6.5	6.1	5.8	6.0	6.1	6.1	6.0	5.8
20%	5.6	5.7	6.1	6.2	6.2	5.9	5.7	5.8	6.0	6.1	6.0	5.8
30%	5.5	5.6	5.9	6.0	6.0	5.8	5.6	5.7	6.0	6.1	5.9	5.8
40%	5.5	5.5	5.8	5.9	5.9	5.7	5.5	5.7	5.9	6.0	5.9	5.7
50%	5.4	5.5	5.7	5.8	5.8	5.6	5.5	5.6	5.9	6.0	5.9	5.7
60%	5.4	5.5	5.7	5.8	5.8	5.5	5.4	5.6	5.8	6.0	5.8	5.6
70%	5.4	5.4	5.7	5.7	5.7	5.4	5.3	5.6	5.8	6.0	5.8	5.6
80%	5.3	5.4	5.6	5.6	5.6	5.4	5.3	5.5	5.8	5.9	5.7	5.6
90%	5.3	5.3	5.4	5.6	5.5	5.2	5.2	5.5	5.7	5.8	5.7	5.5
<b>Long Term</b>												
Full Simulation Period <sup>a</sup>	5.5	5.5	5.8	5.9	5.9	5.6	5.5	5.7	5.9	6.0	5.9	5.7
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	5.5	5.6	6.0	6.2	6.2	5.9	5.7	5.8	6.0	6.0	5.9	5.8
Above Normal (11%)	5.5	5.6	5.8	6.1	6.2	5.7	5.5	5.7	5.9	6.0	5.8	5.6
Below Normal (21%)	5.5	5.5	5.7	5.8	5.8	5.5	5.4	5.6	5.9	6.0	5.8	5.6
Dry (22%)	5.4	5.4	5.7	5.7	5.6	5.5	5.3	5.6	5.8	5.9	5.8	5.6
Critical (16%)	5.5	5.5	5.7	5.8	5.7	5.4	5.4	5.6	5.9	6.0	5.9	5.7

**Proposed Project 021624 minus Baseline Conditions 072623**

Statistic	Monthly Averaged Daily Maximum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Long Term</b>												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (11%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (21%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Critical (16%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

a Based on the 100-year simulation period

b As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

c The Elevations are based on North American Vertical Datum of 1988 (NAVD 88)

**Table 4B-5-8a. San Joaquin River at Jersey Point, Monthly Averaged Daily Minimum Elevation**

**Baseline Conditions 072623**

Statistic	Monthly Averaged Daily Minimum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	2.4	2.2	2.5	2.9	3.3	3.0	2.5	2.4	2.4	2.4	2.5	2.6
20%	2.3	2.1	2.3	2.6	2.8	2.7	2.4	2.3	2.2	2.3	2.4	2.5
30%	2.2	2.1	2.2	2.4	2.6	2.5	2.2	2.2	2.2	2.3	2.3	2.4
40%	2.2	2.0	2.1	2.2	2.5	2.4	2.2	2.1	2.1	2.2	2.3	2.4
50%	2.2	2.0	2.1	2.1	2.3	2.3	2.1	2.0	2.1	2.2	2.3	2.4
60%	2.1	1.9	2.0	2.1	2.2	2.2	2.0	2.0	2.1	2.2	2.3	2.3
70%	2.1	1.9	1.9	2.0	2.2	2.1	2.0	2.0	2.0	2.1	2.2	2.3
80%	2.1	1.8	1.8	2.0	2.1	2.0	1.9	1.9	2.0	2.1	2.2	2.3
90%	2.0	1.8	1.8	1.9	2.0	2.0	1.9	1.9	2.0	2.1	2.1	2.2
<b>Long Term Full Simulation Period<sup>a</sup></b>												
	2.2	2.0	2.1	2.3	2.5	2.4	2.2	2.1	2.1	2.2	2.3	2.4
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	2.2	2.1	2.3	2.7	2.9	2.8	2.4	2.3	2.3	2.3	2.3	2.4
Above Normal (11%)	2.2	2.1	2.1	2.5	2.8	2.5	2.2	2.1	2.1	2.2	2.3	2.3
Below Normal (21%)	2.2	2.0	2.0	2.2	2.4	2.3	2.1	2.1	2.1	2.2	2.3	2.3
Dry (22%)	2.1	1.9	2.0	2.0	2.1	2.2	2.0	2.0	2.1	2.1	2.3	2.3
Critical (16%)	2.2	1.9	2.0	2.0	2.2	2.1	2.0	2.0	2.1	2.2	2.3	2.4

**Proposed Project 021624**

Statistic	Monthly Averaged Daily Minimum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	2.4	2.2	2.5	2.9	3.3	3.0	2.5	2.4	2.4	2.4	2.5	2.6
20%	2.3	2.1	2.3	2.6	2.9	2.7	2.4	2.3	2.2	2.3	2.4	2.5
30%	2.2	2.1	2.2	2.4	2.6	2.5	2.2	2.2	2.2	2.3	2.3	2.4
40%	2.2	2.0	2.1	2.2	2.5	2.4	2.2	2.1	2.1	2.2	2.3	2.4
50%	2.2	2.0	2.1	2.1	2.3	2.3	2.1	2.0	2.1	2.2	2.3	2.4
60%	2.1	1.9	2.0	2.1	2.2	2.2	2.0	2.0	2.1	2.2	2.3	2.3
70%	2.1	1.9	1.9	2.0	2.2	2.1	2.0	2.0	2.0	2.1	2.2	2.3
80%	2.1	1.8	1.8	2.0	2.1	2.0	1.9	1.9	2.0	2.1	2.2	2.3
90%	2.0	1.8	1.8	1.9	2.0	2.0	1.9	1.8	2.0	2.1	2.1	2.2
<b>Long Term Full Simulation Period<sup>a</sup></b>												
	2.2	2.0	2.1	2.3	2.5	2.4	2.2	2.1	2.1	2.2	2.3	2.4
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	2.2	2.1	2.3	2.7	2.9	2.8	2.4	2.2	2.3	2.3	2.3	2.4
Above Normal (11%)	2.2	2.1	2.1	2.5	2.8	2.5	2.2	2.1	2.1	2.2	2.3	2.3
Below Normal (21%)	2.2	2.0	2.0	2.2	2.4	2.3	2.1	2.1	2.1	2.2	2.3	2.3
Dry (22%)	2.1	1.9	2.0	2.0	2.1	2.2	2.0	2.0	2.1	2.1	2.3	2.3
Critical (16%)	2.2	1.9	2.0	2.0	2.2	2.1	2.0	2.0	2.1	2.2	2.3	2.4

**Proposed Project 021624 minus Baseline Conditions 072623**

Statistic	Monthly Averaged Daily Minimum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Long Term Full Simulation Period<sup>a</sup></b>												
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (11%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (21%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Critical (16%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

a Based on the 100-year simulation period

b As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

c The Elevations are based on North American Vertical Datum of 1988 (NAVD 88)

**Table 4B-5-9a. San Joaquin River at Prisoners Point, Monthly Averaged Daily Maximum Elevation**

**Baseline Conditions 072623**

Statistic	Monthly Averaged Daily Maximum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	5.8	5.9	6.3	6.6	6.7	6.3	6.0	6.1	6.2	6.2	6.1	5.9
20%	5.7	5.7	6.2	6.3	6.4	6.0	5.8	6.0	6.1	6.2	6.1	5.9
30%	5.6	5.7	5.9	6.1	6.1	5.9	5.7	5.8	6.0	6.1	6.0	5.9
40%	5.6	5.6	5.9	6.0	6.0	5.8	5.6	5.8	6.0	6.1	6.0	5.8
50%	5.5	5.6	5.8	5.9	5.9	5.7	5.5	5.7	5.9	6.1	5.9	5.8
60%	5.5	5.5	5.7	5.8	5.8	5.5	5.5	5.6	5.9	6.0	5.9	5.7
70%	5.5	5.5	5.7	5.8	5.7	5.5	5.4	5.6	5.9	6.0	5.9	5.7
80%	5.4	5.4	5.6	5.7	5.6	5.4	5.3	5.6	5.8	6.0	5.8	5.6
90%	5.4	5.4	5.5	5.6	5.5	5.3	5.3	5.5	5.8	5.9	5.8	5.6
<b>Long Term</b>												
Full Simulation Period <sup>a</sup>	5.6	5.6	5.9	6.0	6.0	5.7	5.6	5.7	6.0	6.1	5.9	5.8
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	5.6	5.7	6.1	6.4	6.4	6.1	5.9	5.9	6.1	6.1	6.0	5.9
Above Normal (11%)	5.6	5.6	5.8	6.2	6.3	5.8	5.6	5.7	5.9	6.0	5.9	5.7
Below Normal (21%)	5.6	5.6	5.8	5.9	5.9	5.6	5.5	5.7	5.9	6.0	5.9	5.7
Dry (22%)	5.5	5.5	5.7	5.7	5.7	5.5	5.4	5.6	5.9	6.0	5.9	5.7
Critical (16%)	5.6	5.6	5.7	5.8	5.7	5.5	5.4	5.6	5.9	6.1	5.9	5.8

**Proposed Project 021624**

Statistic	Monthly Averaged Daily Maximum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	5.8	5.9	6.3	6.6	6.7	6.3	6.0	6.1	6.2	6.2	6.1	5.9
20%	5.7	5.7	6.2	6.3	6.4	6.0	5.8	5.9	6.1	6.2	6.1	5.9
30%	5.6	5.7	5.9	6.1	6.1	5.9	5.6	5.8	6.0	6.1	6.0	5.8
40%	5.6	5.6	5.9	6.0	6.0	5.8	5.6	5.8	6.0	6.1	6.0	5.8
50%	5.5	5.6	5.8	5.9	5.9	5.7	5.5	5.7	5.9	6.1	5.9	5.8
60%	5.5	5.5	5.7	5.8	5.8	5.5	5.5	5.6	5.9	6.0	5.9	5.7
70%	5.5	5.5	5.7	5.8	5.7	5.5	5.4	5.6	5.9	6.0	5.9	5.7
80%	5.4	5.4	5.6	5.7	5.6	5.4	5.3	5.6	5.8	6.0	5.8	5.7
90%	5.4	5.4	5.5	5.6	5.5	5.3	5.2	5.5	5.8	5.9	5.8	5.6
<b>Long Term</b>												
Full Simulation Period <sup>a</sup>	5.6	5.6	5.9	6.0	6.0	5.7	5.6	5.7	6.0	6.1	5.9	5.8
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	5.6	5.7	6.1	6.4	6.4	6.1	5.8	5.9	6.1	6.1	6.0	5.9
Above Normal (11%)	5.6	5.6	5.8	6.2	6.3	5.8	5.6	5.7	5.9	6.0	5.9	5.7
Below Normal (21%)	5.6	5.6	5.8	5.9	5.9	5.6	5.5	5.7	5.9	6.1	5.9	5.7
Dry (22%)	5.5	5.5	5.7	5.7	5.7	5.5	5.4	5.6	5.9	6.0	5.9	5.7
Critical (16%)	5.6	5.6	5.7	5.8	5.7	5.5	5.4	5.6	5.9	6.1	5.9	5.8

**Proposed Project 021624 minus Baseline Conditions 072623**

Statistic	Monthly Averaged Daily Maximum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Long Term</b>												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (11%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (21%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Critical (16%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

a Based on the 100-year simulation period

b As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

c The Elevations are based on North American Vertical Datum of 1988 (NAVD 88)

**Table 4B-5-10a. San Joaquin River at Prisoners Point, Monthly Averaged Daily Minimum Elevation**

**Baseline Conditions 072623**

Statistic	Monthly Averaged Daily Minimum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	2.4	2.2	2.5	3.0	3.3	3.0	2.6	2.5	2.4	2.4	2.4	2.5
20%	2.3	2.1	2.4	2.6	2.9	2.7	2.4	2.3	2.2	2.3	2.4	2.4
30%	2.2	2.1	2.2	2.4	2.7	2.5	2.3	2.2	2.2	2.2	2.3	2.4
40%	2.2	2.0	2.1	2.3	2.5	2.4	2.2	2.1	2.1	2.2	2.3	2.4
50%	2.1	2.0	2.1	2.2	2.4	2.3	2.1	2.1	2.1	2.2	2.3	2.3
60%	2.1	1.9	2.0	2.1	2.3	2.2	2.1	2.0	2.1	2.1	2.2	2.3
70%	2.1	1.9	1.9	2.1	2.2	2.2	2.0	2.0	2.1	2.1	2.2	2.3
80%	2.1	1.8	1.9	2.0	2.1	2.0	2.0	2.0	2.0	2.1	2.2	2.2
90%	2.0	1.8	1.8	1.9	2.0	2.0	1.9	1.9	2.0	2.1	2.1	2.2
<b>Long Term Full Simulation Period<sup>a</sup></b>												
2.2	2.0	2.1	2.3	2.5	2.4	2.2	2.1	2.1	2.2	2.3	2.3	2.3
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	2.2	2.1	2.4	2.7	3.0	2.8	2.5	2.3	2.3	2.3	2.3	2.4
Above Normal (11%)	2.2	2.0	2.1	2.5	2.8	2.6	2.2	2.1	2.1	2.2	2.2	2.3
Below Normal (21%)	2.2	2.0	2.1	2.2	2.4	2.3	2.1	2.1	2.1	2.2	2.2	2.3
Dry (22%)	2.1	1.9	2.0	2.0	2.2	2.2	2.0	2.0	2.1	2.1	2.2	2.3
Critical (16%)	2.2	1.9	2.0	2.1	2.2	2.1	2.0	2.0	2.1	2.2	2.3	2.4

**Proposed Project 021624**

Statistic	Monthly Averaged Daily Minimum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	2.4	2.2	2.5	3.0	3.3	3.0	2.6	2.4	2.4	2.4	2.4	2.5
20%	2.3	2.1	2.4	2.7	2.9	2.7	2.4	2.3	2.2	2.3	2.4	2.4
30%	2.2	2.1	2.2	2.4	2.7	2.5	2.3	2.2	2.2	2.2	2.3	2.4
40%	2.2	2.0	2.1	2.3	2.5	2.4	2.2	2.1	2.2	2.2	2.3	2.3
50%	2.1	2.0	2.1	2.2	2.4	2.3	2.1	2.1	2.1	2.2	2.3	2.3
60%	2.1	1.9	2.0	2.1	2.3	2.2	2.1	2.0	2.1	2.1	2.2	2.3
70%	2.1	1.9	1.9	2.1	2.2	2.2	2.0	2.0	2.1	2.1	2.2	2.3
80%	2.1	1.8	1.9	2.0	2.1	2.0	1.9	1.9	2.0	2.1	2.2	2.2
90%	2.0	1.8	1.8	1.9	2.0	2.0	1.9	1.9	2.0	2.1	2.1	2.2
<b>Long Term Full Simulation Period<sup>a</sup></b>												
2.2	2.0	2.1	2.3	2.5	2.4	2.2	2.1	2.2	2.2	2.3	2.3	2.3
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	2.2	2.1	2.4	2.8	3.0	2.8	2.5	2.3	2.3	2.3	2.3	2.4
Above Normal (11%)	2.2	2.0	2.1	2.5	2.8	2.6	2.2	2.1	2.1	2.2	2.2	2.3
Below Normal (21%)	2.2	2.0	2.1	2.2	2.4	2.3	2.1	2.1	2.1	2.2	2.2	2.3
Dry (22%)	2.1	1.9	2.0	2.0	2.2	2.2	2.0	2.0	2.1	2.1	2.2	2.3
Critical (16%)	2.2	1.9	2.0	2.1	2.2	2.1	2.0	2.0	2.1	2.2	2.3	2.4

**Proposed Project 021624 minus Baseline Conditions 072623**

Statistic	Monthly Averaged Daily Minimum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Long Term Full Simulation Period<sup>a</sup></b>												
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (11%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (21%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Critical (16%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

a Based on the 100-year simulation period

b As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

c The Elevations are based on North American Vertical Datum of 1988 (NAVD 88)



**Table 4B-5-11a. Old River at Tracy Blvd, Monthly Averaged Daily Maximum Elevation**

**Baseline Conditions 072623**

Statistic	Monthly Averaged Daily Maximum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	5.4	5.3	6.0	6.6	6.9	6.8	6.4	6.1	6.6	5.9	5.7	5.5
20%	5.3	5.2	5.7	6.1	6.3	6.0	6.0	5.9	5.9	5.6	5.5	5.4
30%	5.3	5.1	5.6	5.8	6.0	5.8	5.8	5.7	5.6	5.4	5.3	5.3
40%	5.2	5.1	5.4	5.6	5.8	5.6	5.7	5.6	5.5	5.3	5.2	5.2
50%	5.2	5.0	5.3	5.5	5.6	5.4	5.6	5.6	5.5	5.1	5.1	5.1
60%	5.1	4.9	5.1	5.4	5.5	5.3	5.5	5.5	5.4	5.0	5.0	5.1
70%	5.1	4.9	5.0	5.3	5.4	5.2	5.5	5.5	5.4	5.0	5.0	5.0
80%	5.1	4.8	4.9	5.2	5.2	5.1	5.4	5.4	5.3	4.9	4.9	5.0
90%	5.0	4.7	4.8	5.1	5.1	5.0	5.3	5.3	5.2	4.8	4.9	4.9
<b>Long Term</b>												
Full Simulation Period <sup>a</sup>	5.2	5.1	5.3	5.7	5.9	5.7	5.8	5.7	5.7	5.3	5.2	5.2
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	5.2	5.1	5.7	6.3	6.6	6.5	6.3	6.0	6.2	5.7	5.4	5.3
Above Normal (11%)	5.3	5.1	5.2	5.9	6.2	5.8	5.7	5.6	5.6	5.2	5.0	5.1
Below Normal (21%)	5.2	5.0	5.2	5.5	5.6	5.4	5.7	5.7	5.5	5.0	4.9	4.9
Dry (22%)	5.1	4.9	5.1	5.2	5.3	5.2	5.4	5.5	5.3	4.9	5.1	5.1
Critical (16%)	5.3	5.2	5.3	5.4	5.3	5.2	5.4	5.5	5.5	5.4	5.4	5.3

**Proposed Project 021624**

Statistic	Monthly Averaged Daily Maximum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	5.4	5.3	6.0	6.6	6.9	6.8	6.3	6.0	6.6	5.9	5.7	5.4
20%	5.3	5.2	5.7	6.1	6.3	6.0	6.0	5.8	5.9	5.6	5.5	5.3
30%	5.3	5.2	5.6	5.8	6.0	5.8	5.8	5.6	5.6	5.4	5.3	5.3
40%	5.3	5.1	5.4	5.7	5.8	5.6	5.7	5.6	5.6	5.2	5.2	5.2
50%	5.2	5.0	5.3	5.5	5.6	5.4	5.6	5.5	5.5	5.1	5.1	5.1
60%	5.1	4.9	5.1	5.4	5.5	5.4	5.5	5.4	5.4	5.0	5.0	5.0
70%	5.1	4.9	5.0	5.3	5.4	5.3	5.4	5.3	5.4	5.0	5.0	5.0
80%	5.1	4.8	4.9	5.3	5.3	5.2	5.3	5.3	5.3	4.9	4.9	4.9
90%	5.0	4.7	4.8	5.1	5.1	5.0	5.3	5.2	5.2	4.8	4.8	4.9
<b>Long Term</b>												
Full Simulation Period <sup>a</sup>	5.2	5.1	5.3	5.7	5.9	5.7	5.7	5.6	5.7	5.3	5.2	5.2
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	5.2	5.1	5.7	6.4	6.6	6.5	6.2	5.9	6.2	5.7	5.4	5.3
Above Normal (11%)	5.3	5.1	5.2	5.9	6.2	5.8	5.6	5.4	5.7	5.2	5.0	5.0
Below Normal (21%)	5.2	5.0	5.2	5.5	5.6	5.5	5.7	5.6	5.5	5.0	4.9	4.9
Dry (22%)	5.1	4.9	5.1	5.3	5.3	5.2	5.4	5.4	5.3	4.9	5.1	5.1
Critical (16%)	5.3	5.2	5.3	5.4	5.4	5.2	5.4	5.4	5.5	5.4	5.4	5.3

**Proposed Project 021624 minus Baseline Conditions 072623**

Statistic	Monthly Averaged Daily Maximum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
<b>Long Term</b>												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
Above Normal (11%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
Below Normal (21%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Critical (16%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

a Based on the 100-year simulation period

b As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

c The Elevations are based on North American Vertical Datum of 1988 (NAVD 88)



**Table 4B-5-12a. Old River at Tracy Blvd, Monthly Averaged Daily Minimum Elevation**

**Baseline Conditions 072623**

Statistic	Monthly Averaged Daily Minimum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	4.4	4.1	2.8	3.5	4.1	4.3	4.1	3.9	5.6	4.9	4.8	4.5
20%	4.3	4.0	2.6	3.0	3.5	3.3	3.3	3.3	4.7	4.3	4.2	4.1
30%	4.2	3.9	2.4	2.7	3.2	3.1	3.1	3.1	4.4	4.0	4.0	4.0
40%	4.1	3.9	2.3	2.5	2.9	2.8	2.8	2.9	4.2	3.9	3.9	3.9
50%	4.0	3.8	2.2	2.4	2.6	2.5	2.7	2.8	4.1	3.9	3.9	3.9
60%	3.9	3.8	2.1	2.3	2.5	2.4	2.5	2.7	4.0	3.8	3.9	3.8
70%	3.9	3.7	2.1	2.3	2.4	2.4	2.4	2.6	4.0	3.8	3.8	3.8
80%	3.8	3.7	2.0	2.2	2.3	2.3	2.4	2.6	3.9	3.7	3.8	3.8
90%	3.8	3.7	1.9	2.1	2.2	2.2	2.3	2.5	3.9	3.7	3.7	3.8
<b>Long Term</b>												
Full Simulation Period <sup>a</sup>	4.1	3.9	2.4	2.7	3.1	3.0	3.0	3.0	4.4	4.1	4.0	4.0
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	4.1	4.0	2.8	3.5	4.1	4.0	3.9	3.7	5.0	4.6	4.5	4.2
Above Normal (11%)	4.1	3.9	2.3	2.8	3.3	3.1	2.9	3.0	4.6	4.1	4.0	3.9
Below Normal (21%)	4.1	3.9	2.2	2.4	2.7	2.6	2.8	3.0	4.2	3.9	3.9	3.8
Dry (22%)	4.0	3.8	2.1	2.2	2.4	2.3	2.4	2.6	3.9	3.7	3.8	3.8
Critical (16%)	3.9	3.7	2.2	2.3	2.4	2.3	2.3	2.6	3.9	3.8	3.8	3.8

**Proposed Project 021624**

Statistic	Monthly Averaged Daily Minimum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	4.4	4.1	2.8	3.5	4.1	4.3	4.1	3.9	5.6	4.9	4.8	4.4
20%	4.3	4.0	2.6	3.0	3.5	3.3	3.4	3.2	4.7	4.2	4.1	4.0
30%	4.2	3.9	2.4	2.7	3.2	3.1	3.1	3.1	4.4	4.0	4.0	4.0
40%	4.1	3.9	2.3	2.5	2.9	2.8	2.8	2.9	4.2	3.9	3.9	3.9
50%	4.0	3.8	2.2	2.4	2.7	2.5	2.7	2.7	4.1	3.9	3.9	3.9
60%	3.9	3.8	2.1	2.3	2.6	2.5	2.5	2.7	4.0	3.8	3.9	3.8
70%	3.9	3.7	2.1	2.3	2.4	2.4	2.4	2.6	4.0	3.8	3.8	3.8
80%	3.8	3.7	2.0	2.2	2.3	2.3	2.4	2.6	3.9	3.7	3.8	3.8
90%	3.8	3.7	1.9	2.1	2.2	2.2	2.3	2.5	3.9	3.7	3.7	3.7
<b>Long Term</b>												
Full Simulation Period <sup>a</sup>	4.1	3.9	2.4	2.7	3.1	3.0	3.0	3.0	4.4	4.1	4.0	4.0
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	4.1	4.0	2.8	3.5	4.1	4.0	3.9	3.7	5.0	4.6	4.5	4.2
Above Normal (11%)	4.0	3.9	2.2	2.8	3.3	3.1	2.9	2.9	4.6	4.1	4.0	3.9
Below Normal (21%)	4.1	3.9	2.2	2.5	2.8	2.7	2.8	2.9	4.3	3.9	3.9	3.8
Dry (22%)	4.0	3.8	2.1	2.2	2.4	2.4	2.4	2.6	3.9	3.7	3.8	3.8
Critical (16%)	3.9	3.8	2.2	2.3	2.4	2.3	2.3	2.6	3.9	3.8	3.8	3.8

**Proposed Project 021624 minus Baseline Conditions 072623**

Statistic	Monthly Averaged Daily Minimum Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Probability of Exceedance</b>												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Long Term</b>												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Water Year Types<sup>b</sup></b>												
Wet (30%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (11%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (21%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Critical (16%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

a Based on the 100-year simulation period

b As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

c The Elevations are based on North American Vertical Datum of 1988 (NAVD 88)