

Appendix 4B

Attachment 5: Stage Results (DSM2)

Appendix 4B

Attachment 5: Stage Results (DSM2)

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

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

Title	Model Parameter	Table Numbers
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
Probability of Exceedance												
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
Long Term												
Full Simulation Period ^a	6.4	6.9	8.7	10.2	11.5	10.7	8.7	8.2	7.5	7.6	7.1	6.9
Water Year Types^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
Probability of Exceedance												
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
Long Term												
Full Simulation Period ^a	6.4	6.9	8.7	10.2	11.5	10.7	8.7	8.2	7.5	7.6	7.1	7.0
Water Year Types^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
Probability of Exceedance												
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
Long Term												
Full Simulation Period ^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Water Year Types^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
Probability of Exceedance												
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
Long Term												
Full Simulation Period ^a	4.8	5.2	7.4	9.1	10.7	9.9	7.5	6.9	6.0	6.2	5.5	5.5
Water Year Types^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
Probability of Exceedance												
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
Long Term												
Full Simulation Period ^a	4.7	5.2	7.4	9.1	10.7	9.9	7.6	6.9	5.9	6.2	5.5	5.6
Water Year Types^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
Probability of Exceedance												
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
Long Term												
Full Simulation Period ^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Water Year Types^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
Probability of Exceedance												
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
Long Term Full Simulation Period^a												
	5.9	6.1	7.1	7.9	8.5	8.0	7.0	6.8	6.6	6.6	6.4	6.2
Water Year Types^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
Probability of Exceedance												
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
Long Term Full Simulation Period^a												
	5.9	6.1	7.1	7.9	8.5	8.0	7.0	6.8	6.6	6.6	6.4	6.2
Water Year Types^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
Probability of Exceedance												
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
Long Term Full Simulation Period^a												
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Year Types^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
Probability of Exceedance												
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
Long Term Full Simulation Period^a												
	3.4	3.6	4.9	6.0	6.9	6.4	5.0	4.6	4.0	4.0	3.7	3.8
Water Year Types^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
Probability of Exceedance												
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
Long Term Full Simulation Period^a												
	3.4	3.6	4.9	6.0	6.9	6.4	5.0	4.6	4.0	4.0	3.7	3.8
Water Year Types^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
Probability of Exceedance												
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
Long Term Full Simulation Period^a												
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Year Types^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
Probability of Exceedance												
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
Long Term												
Full Simulation Period ^a	5.7	5.8	6.1	6.3	6.3	6.0	5.8	6.0	6.1	6.2	6.1	5.9
Water Year Types^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
Probability of Exceedance												
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
Long Term												
Full Simulation Period ^a	5.7	5.8	6.1	6.3	6.3	6.0	5.8	6.0	6.1	6.2	6.1	5.9
Water Year Types^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
Probability of Exceedance												
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
Long Term												
Full Simulation Period ^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Year Types^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
Probability of Exceedance												
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
Long Term												
Full Simulation Period ^a	2.0	1.8	2.0	2.3	2.6	2.4	2.0	1.9	1.9	2.0	2.1	2.2
Water Year Types^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
Probability of Exceedance												
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
Long Term												
Full Simulation Period ^a	2.0	1.8	2.0	2.3	2.6	2.4	2.0	1.9	1.9	2.0	2.1	2.2
Water Year Types^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
Probability of Exceedance												
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
Long Term												
Full Simulation Period ^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Year Types^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
Probability of Exceedance												
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
Long Term												
Full Simulation Period ^a	5.5	5.5	5.8	5.9	5.9	5.6	5.5	5.7	5.9	6.0	5.9	5.7
Water Year Types^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
Probability of Exceedance												
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
Long Term												
Full Simulation Period ^a	5.5	5.5	5.8	5.9	5.9	5.6	5.5	5.7	5.9	6.0	5.9	5.7
Water Year Types^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
Probability of Exceedance												
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
Long Term												
Full Simulation Period ^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Year Types^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
Probability of Exceedance												
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
Long Term Full Simulation Period^a												
	2.2	2.0	2.1	2.3	2.5	2.4	2.2	2.1	2.1	2.2	2.3	2.4
Water Year Types^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
Probability of Exceedance												
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
Long Term Full Simulation Period^a												
	2.2	2.0	2.1	2.3	2.5	2.4	2.2	2.1	2.1	2.2	2.3	2.4
Water Year Types^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
Probability of Exceedance												
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
Long Term Full Simulation Period^a												
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Year Types^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
Probability of Exceedance												
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
Long Term												
Full Simulation Period ^a	5.6	5.6	5.9	6.0	6.0	5.7	5.6	5.7	6.0	6.1	5.9	5.8
Water Year Types^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
Probability of Exceedance												
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
Long Term												
Full Simulation Period ^a	5.6	5.6	5.9	6.0	6.0	5.7	5.6	5.7	6.0	6.1	5.9	5.8
Water Year Types^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
Probability of Exceedance												
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
Long Term												
Full Simulation Period ^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Year Types^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
Probability of Exceedance												
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
Long Term Full Simulation Period^a												
	2.2	2.0	2.1	2.3	2.5	2.4	2.2	2.1	2.1	2.2	2.3	2.3
Water Year Types^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
Probability of Exceedance												
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
Long Term Full Simulation Period^a												
	2.2	2.0	2.1	2.3	2.5	2.4	2.2	2.1	2.2	2.2	2.3	2.3
Water Year Types^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
Probability of Exceedance												
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
Long Term Full Simulation Period^a												
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Year Types^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
Probability of Exceedance												
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
Long Term Full Simulation Period^a												
	5.2	5.1	5.3	5.7	5.9	5.7	5.8	5.7	5.7	5.3	5.2	5.2
Water Year Types^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
Probability of Exceedance												
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
Long Term Full Simulation Period^a												
	5.2	5.1	5.3	5.7	5.9	5.7	5.7	5.6	5.7	5.3	5.2	5.2
Water Year Types^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
Probability of Exceedance												
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
Long Term Full Simulation Period^a												
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
Water Year Types^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
Probability of Exceedance												
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
Long Term												
Full Simulation Period ^a	4.1	3.9	2.4	2.7	3.1	3.0	3.0	3.0	4.4	4.1	4.0	4.0
Water Year Types^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
Probability of Exceedance												
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
Long Term												
Full Simulation Period ^a	4.1	3.9	2.4	2.7	3.1	3.0	3.0	3.0	4.4	4.1	4.0	4.0
Water Year Types^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
Probability of Exceedance												
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
Long Term												
Full Simulation Period ^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Year Types^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)