— BUREAU OF —
RECLAMATION

To: All Annual Operating Plan Recipients

From: Noe Santos, P.E.
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Subject: August 2024 Probable Minimum 24-Month Study

In addition to the August 2024 24-Month Study based on the Most Probable inflow scenario, and in accordance with the Upper Basin Drought Response Operations Agreement (DROA), Reclamation has conducted additional model runs in August to determine a possible range of reservoir elevations. Probable minimum and probable maximum model runs are conducted in January, April, August, and October, or when necessary to incorporate changing conditions. The Probable Minimum inflow scenario reflects a dry hydrologic condition which statistically would be exceeded 90% of the time. The Most Probable inflow scenario reflects a median hydrologic condition which statistically would be exceeded 50% of the time. The Probable Maximum inflow scenario reflects a wet hydrologic condition which statistically would be exceeded 10% of the time. There is approximately an 80% probability that a future elevation will fall inside the range of the minimum and maximum inflow scenarios. Additionally, there are possible inflow scenarios that would result in reservoir elevations falling outside the ranges indicated in these reports.

The projected Lake Powell and Lake Mead elevations resulting from these three inflow scenarios are summarized in graphs located at either of the following links:

https://www.usbr.gov/uc/water/crsp/studies/images/PowellElevations.pdf or
https://www.usbr.gov/lc/region/g4000/24mo/2024/August-Chart.pdf.

The water year (WY) 2024 unregulated inflow into Lake Powell in the August Probable Minimum inflow scenario is 7.94 million acre-feet (maf), or 83% of average. The Probable Minimum 24-Month Study includes a release volume from Glen Canyon Dam of 7.48 maf in WY 2024 and in WY 2025. Under the Probable Minimum scenario, Lake Powell's elevation is projected to be 3,570.93 feet on December 31, 2024. With intervening flows between Lake Powell and Lake Mead of 0.714 maf in calendar year 2024, Lake Mead's elevation is projected to be 1,061.92 feet on December 31, 2024.

The draft 2024 Annual Operating Plan is available online at: https://www.usbr.gov/lc/region/g4000/AOP2024/AOP24_draft.pdf.
The Interim Guidelines are available online at: https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The Colorado River Drought Contingency Plans (DCPs) are available online at: https://www.usbr.gov/ColoradoRiverBasin/dcp/finaldocs.html.

The Upper Basin Hydrology Summary is available online at: https://www.usbr.gov/uc/water/crsp/studies/24Month_08_ucb.pdf.
Information on the Lower Colorado Basin (LCB) Conservation Program is available online at: https://www.usbr.gov/lc/LCBConservation.html.
Information on the 2024 Interim Guidelines SEIS is available online at: https://www.usbr.gov/ColoradoRiverBasin/interimguidelines/seis/index.html.

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Minimum Probable Inflow*

Fontenelle Reservoir

— BUREAU OF — RECLAMATION

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2023	74	2	71	3	74	6502.60	308
H	Sep 2023	50	2	70	1	71	6499.60	285
	WY 2023	**1265**	**15**	**693**	**545**	**1238**		
I	Oct 2023	53	1	65	3	68	6497.41	269
S	Nov 2023	45	1	68	0	68	6494.04	246
T	Dec 2023	35	1	72	0	72	6488.41	208
O	Jan 2024	29	1	72	0	72	6481.00	164
R	Feb 2024	34	0	69	0	69	6473.50	127
I	Mar 2024	50	0	74	0	74	6467.77	104
C	Apr 2024	85	1	25	26	52	6475.47	136
A	May 2024	101	1	79	0	79	6479.63	157
L	Jun 2024	257	2	85	40	125	6499.69	286
*	Jul 2024	73	3	71	0	71	6499.63	286
	Aug 2024	40	2	54	0	54	6497.47	270
	Sep 2024	35	2	49	0	49	6495.33	255
	WY 2024	**836**	**15**	**782**	**70**	**852**		
	Oct 2024	38	1	0	49	49	6493.57	242
	Nov 2024	21	1	0	44	44	6490.11	219
	Dec 2024	16	1	20	23	43	6485.75	191
	Jan 2025	15	1	43	0	43	6480.78	163
	Feb 2025	14	1	39	0	39	6475.73	137
	Mar 2025	25	0	44	0	44	6471.20	117
	Apr 2025	38	1	37	10	48	6468.68	107
	May 2025	71	1	49	0	49	6473.68	128
	Jun 2025	154	2	48	0	48	6492.14	233
	Jul 2025	88	2	51	0	51	6497.05	267
	Aug 2025	33	2	55	0	55	6493.58	242
	Sep 2025	21	2	50	0	50	6488.95	211
	WY 2025	**534**	**13**	**437**	**126**	**564**		
	Oct 2025	32	1	49	0	49	6486.06	193
	Nov 2025	36	1	49	0	49	6483.85	180
	Dec 2025	32	1	51	0	51	6480.41	161
	Jan 2026	29	0	51	0	51	6475.97	138
	Feb 2026	27	0	46	0	46	6471.62	119
	Mar 2026	43	0	51	0	51	6469.65	111
	Apr 2026	65	1	28	23	51	6472.83	124
	May 2026	116	1	57	0	57	6484.26	182
	Jun 2026	201	2	91	0	91	6500.28	290
	Jul 2026	90	3	61	0	61	6503.72	316

* Based on the Colorado River Basin Forecast Center's Minimum Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Minimum Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Aug 2023	95	93	13	112	0	112	126	6030.69	3292	152
H	Sep 2023	67	88	11	114	0	114	125	6029.77	3256	142
	WY 2023	**1847**	**1821**	**74**	**1099**	**48**	**1147**				**3391**
I	Oct 2023	69	84	7	100	0	100	124	6029.17	3233	137
S	Nov 2023	64	85	4	89	0	89	124	6028.99	3226	126
T	Dec 2023	44	81	2	131	0	131	122	6027.65	3177	164
O	Jan 2024	41	85	2	131	0	131	120	6026.37	3131	165
R	Feb 2024	57	94	2	117	0	117	119	6025.67	3107	160
I	Mar 2024	94	119	3	65	0	65	121	6027.04	3155	141
C	Apr 2024	129	99	5	99	0	99	121	6026.91	3151	360
A	May 2024	171	149	7	124	33	157	120	6026.51	3136	591
L	Jun 2024	334	204	10	81	0	81	125	6029.47	3245	569
*	Jul 2024	79	73	13	72	0	72	124	6029.17	3233	146
	Aug 2024	42	56	12	97	0	97	122	6027.77	3182	112
	Sep 2024	38	52	10	93	0	93	120	6026.37	3131	108
	WY 2024	**1163**	**1181**	**78**	**1200**	**33**	**1232**				**2779**
	Oct 2024	43	54	7	52	0	52	120	6026.24	3127	80
	Nov 2024	28	51	3	49	0	49	120	6026.20	3125	68
	Dec 2024	18	45	2	52	0	52	119	6025.98	3117	67
	Jan 2025	21	49	2	52	0	52	119	6025.86	3113	67
	Feb 2025	23	48	2	47	0	47	119	6025.85	3113	62
	Mar 2025	53	72	3	49	0	49	120	6026.40	3132	89
	Apr 2025	67	77	5	50	0	50	121	6027.00	3154	186
	May 2025	100	78	7	141	0	141	118	6025.10	3086	465
	Jun 2025	209	103	10	57	0	57	120	6026.08	3121	304
	Jul 2025	118	81	13	58	0	58	120	6026.36	3131	98
	Aug 2025	42	64	12	63	0	63	120	6026.07	3121	73
	Sep 2025	27	56	10	57	0	57	119	6025.77	3110	68
	WY 2025	**749**	**779**	**75**	**726**	**0**	**726**				**1626**
	Oct 2025	39	56	7	51	0	51	119	6025.73	3109	74
	Nov 2025	43	56	3	49	0	49	119	6025.81	3112	77
	Dec 2025	33	52	2	56	0	56	119	6025.64	3105	81
	Jan 2026	40	62	2	56	0	56	119	6025.74	3109	81
	Feb 2026	42	61	2	51	0	51	119	6025.95	3116	76
	Mar 2026	68	76	3	54	0	54	120	6026.45	3134	119
	Apr 2026	91	77	5	52	0	52	121	6027.00	3154	217
	May 2026	165	106	7	145	0	145	119	6025.75	3110	557
	Jun 2026	249	139	10	57	0	57	122	6027.70	3179	283
	Jul 2026	92	63	13	61	0	61	122	6027.41	3169	77

* Based on the Colorado River Basin Forecast Center's Minimum Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Minimum Probable Inflow*

Taylor Park Reservoir

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	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2023	9	21	9319.91	87
H	Sep 2023	6	15	9314.22	77
	WY 2023	**159**	**151**		
I	Oct 2023	6	6	9314.04	77
S	Nov 2023	5	6	9313.41	75
T	Dec 2023	5	6	9312.49	74
O	Jan 2024	5	6	9311.45	72
R	Feb 2024	4	6	9310.41	71
I	Mar 2024	5	6	9309.28	69
C	Apr 2024	11	6	9312.04	73
A	May 2024	20	14	9315.90	80
L	Jun 2024	56	34	9327.81	102
*	Jul 2024	18	25	9324.16	95
	Aug 2024	9	22	9317.28	82
	Sep 2024	7	15	9312.59	74
	WY 2024	**151**	**154**		
	Oct 2024	7	9	9311.36	72
	Nov 2024	5	5	9311.08	72
	Dec 2024	4	5	9310.24	70
	Jan 2025	4	5	9309.17	69
	Feb 2025	3	5	9308.08	67
	Mar 2025	4	5	9306.97	65
	Apr 2025	6	4	9308.40	67
	May 2025	21	9	9315.61	79
	Jun 2025	32	15	9324.72	96
	Jul 2025	12	18	9321.71	90
	Aug 2025	7	18	9315.32	79
	Sep 2025	5	15	9309.23	69
	WY 2025	**108**	**114**		
	Oct 2025	6	6	9309.23	69
	Nov 2025	5	5	9309.20	69
	Dec 2025	4	5	9308.40	67
	Jan 2026	4	5	9307.62	66
	Feb 2026	4	5	9307.10	65
	Mar 2026	4	5	9306.31	64
	Apr 2026	8	4	9308.91	68
	May 2026	23	9	9317.34	82
	Jun 2026	28	15	9324.41	95
	Jul 2026	9	18	9319.58	86

* Based on the Colorado River Basin Forecast Center's Minimum Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Minimum Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2023	49	61	1	105	0	105	7504.26	694
H	Sep 2023	26	36	1	15	85	100	7496.50	629
	WY 2023	**1060**	**1052**	**8**	**517**	**170**	**706**		
I	Oct 2023	30	30	1	30	33	63	7492.37	596
S	Nov 2023	28	29	0	33	0	33	7491.85	592
T	Dec 2023	25	26	0	40	0	40	7490.05	578
O	Jan 2024	23	25	0	35	0	35	7488.79	568
R	Feb 2024	24	25	0	32	0	32	7487.95	562
I	Mar 2024	33	35	0	45	0	45	7486.57	551
C	Apr 2024	82	78	1	78	0	78	7486.45	550
A	May 2024	155	149	1	154	64	218	7477.05	481
L	Jun 2024	322	299	1	118	26	144	7497.10	634
*	Jul 2024	94	100	1	117	0	117	7494.91	617
	Aug 2024	46	59	1	97	0	97	7489.90	577
	Sep 2024	31	39	1	80	0	80	7484.41	535
	WY 2024	**893**	**895**	**8**	**858**	**123**	**982**		
	Oct 2024	31	33	0	58	0	58	7481.05	510
	Nov 2024	19	19	0	19	0	19	7481.03	510
	Dec 2024	16	17	0	21	0	21	7480.57	506
	Jan 2025	15	17	0	22	0	22	7479.87	501
	Feb 2025	13	15	0	18	0	18	7479.36	497
	Mar 2025	20	22	0	23	0	23	7479.07	495
	Apr 2025	40	38	1	47	0	47	7477.77	486
	May 2025	122	110	1	56	0	56	7484.93	539
	Jun 2025	149	132	1	58	0	58	7494.33	612
	Jul 2025	57	63	1	90	0	90	7490.77	584
	Aug 2025	32	43	1	83	0	83	7485.47	543
	Sep 2025	21	31	1	75	0	75	7479.40	498
	WY 2025	**535**	**540**	**8**	**570**	**0**	**570**		
	Oct 2025	26	26	0	58	0	58	7474.94	466
	Nov 2025	26	26	0	16	0	16	7476.28	475
	Dec 2025	25	26	0	19	0	19	7477.32	483
	Jan 2026	24	25	0	19	0	19	7478.21	489
	Feb 2026	23	24	0	17	0	17	7479.09	495
	Mar 2026	35	36	0	22	0	22	7480.92	509
	Apr 2026	64	60	1	41	0	41	7483.45	528
	May 2026	159	145	1	83	0	83	7491.42	589
	Jun 2026	165	152	1	66	0	66	7501.78	673
	Jul 2026	53	62	1	104	0	104	7496.54	630

* Based on the Colorado River Basin Forecast Center's Minimum Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Minimum Probable Inflow*

Morrow Point Reservoir

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	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2023	49	105	0	105	105	0	105	7152.17	111
H	Sep 2023	27	100	1	100	102	0	102	7150.01	109
	WY 2023	**1136**	**706**	**76**	**782**	**779**	**2**	**787**		
I	Oct 2023	31	63	1	64	68	0	68	7144.23	105
S	Nov 2023	29	33	1	33	33	0	33	7145.52	106
T	Dec 2023	26	40	1	41	36	0	36	7152.78	111
O	Jan 2024	25	35	1	36	36	0	36	7152.69	111
R	Feb 2024	25	32	1	32	25	3	27	7159.02	116
I	Mar 2024	35	45	2	47	55	0	56	7147.92	107
C	Apr 2024	91	78	8	87	83	0	83	7152.93	111
A	May 2024	170	218	15	232	205	0	244	7137.06	99
L	Jun 2024	337	144	16	160	137	0	146	7155.07	113
*	Jul 2024	95	117	1	118	118	0	119	7153.81	112
	Aug 2024	48	97	2	99	99	0	99	7153.73	112
	Sep 2024	33	80	2	82	82	0	82	7153.73	112
	WY 2024	**943**	**982**	**50**	**1032**	**977**	**3**	**1028**		
	Oct 2024	33	58	2	60	59	0	59	7153.73	112
	Nov 2024	19	19	0	19	19	0	19	7153.73	112
	Dec 2024	17	21	1	22	22	0	22	7153.73	112
	Jan 2025	16	22	1	23	23	0	23	7153.73	112
	Feb 2025	14	18	1	19	19	0	19	7153.73	112
	Mar 2025	22	23	2	25	25	0	25	7153.73	112
	Apr 2025	45	47	5	52	51	0	51	7153.73	112
	May 2025	137	56	15	71	71	0	71	7153.73	112
	Jun 2025	161	58	12	70	70	0	70	7153.72	112
	Jul 2025	60	90	3	93	92	0	92	7153.73	112
	Aug 2025	33	83	1	84	84	0	84	7153.73	112
	Sep 2025	22	75	1	76	76	0	76	7153.73	112
	WY 2025	**579**	**570**	**44**	**614**	**613**	**0**	**613**		
	Oct 2025	28	58	2	60	59	0	59	7153.73	112
	Nov 2025	28	16	2	18	18	0	18	7153.73	112
	Dec 2025	27	19	2	21	21	0	21	7153.73	112
	Jan 2026	26	19	2	21	21	0	21	7153.73	112
	Feb 2026	25	17	2	19	19	0	19	7153.73	112
	Mar 2026	37	22	2	24	24	0	24	7153.73	112
	Apr 2026	72	41	8	49	48	0	48	7153.73	112
	May 2026	176	83	17	100	100	0	100	7153.73	112
	Jun 2026	173	66	8	74	74	0	74	7153.72	112
	Jul 2026	54	104	1	105	105	0	105	7153.73	112

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Minimum Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Aug 2023	52	105	3	108	108	0	108	6751.75	17	66	45
H	Sep 2023	29	102	2	104	104	0	104	6752.00	17	63	42
	WY 2023	**1243**	**787**	**106**	**894**	**698**	**167**	**893**			**374**	**547**
I	Oct 2023	32	68	1	69	32	39	70	6747.66	15	49	24
S	Nov 2023	31	33	3	35	35	0	35	6747.08	15	14	18
T	Dec 2023	29	36	3	39	38	0	38	6747.95	16	1	33
O	Jan 2024	27	36	2	38	37	0	37	6751.96	17	0	32
R	Feb 2024	26	27	2	29	35	0	36	6727.27	10	0	31
I	Mar 2024	38	56	3	59	52	0	53	6752.01	17	12	36
C	Apr 2024	96	83	6	88	88	0	89	6751.48	17	52	35
A	May 2024	180	244	11	255	115	68	253	6759.05	19	64	192
L	Jun 2024	363	146	25	171	106	44	173	6751.89	17	63	112
*	Jul 2024	97	119	2	121	112	9	121	6751.70	17	68	57
	Aug 2024	53	99	5	104	104	0	104	6753.04	17	65	39
	Sep 2024	37	82	4	86	86	0	86	6753.04	17	55	31
	WY 2024	**1010**	**1028**	**67**	**1095**	**840**	**161**	**1095**			**443**	**639**
	Oct 2024	37	59	4	63	56	7	63	6753.04	17	55	8
	Nov 2024	22	19	3	22	22	0	22	6753.04	17	0	22
	Dec 2024	20	22	3	25	25	0	25	6753.04	17	0	25
	Jan 2025	18	23	2	25	25	0	25	6753.04	17	0	25
	Feb 2025	17	19	3	22	22	0	22	6753.04	17	0	22
	Mar 2025	26	25	4	29	29	0	29	6753.04	17	5	24
	Apr 2025	52	51	7	58	58	0	58	6753.04	17	42	16
	May 2025	157	71	20	91	91	0	91	6753.04	17	62	29
	Jun 2025	181	70	20	90	90	0	90	6753.03	17	61	29
	Jul 2025	66	92	6	98	98	0	98	6753.04	17	65	33
	Aug 2025	38	84	5	89	89	0	89	6753.04	17	65	24
	Sep 2025	26	76	4	80	80	0	80	6753.04	17	55	25
	WY 2025	**660**	**613**	**81**	**694**	**686**	**7**	**693**			**410**	**283**
	Oct 2025	32	59	4	63	60	3	63	6753.04	17	49	14
	Nov 2025	32	18	4	22	22	0	22	6753.04	17	14	8
	Dec 2025	31	21	4	25	25	0	25	6753.04	17	1	24
	Jan 2026	30	21	4	25	25	0	25	6753.04	17	0	24
	Feb 2026	28	19	3	22	22	0	22	6753.04	17	0	22
	Mar 2026	42	24	5	29	29	0	29	6753.04	17	5	24
	Apr 2026	82	48	10	58	58	0	58	6753.04	17	42	16
	May 2026	195	100	19	119	119	0	119	6753.04	17	62	57
	Jun 2026	190	74	17	91	91	0	91	6753.03	17	61	30
	Jul 2026	57	105	3	108	108	0	108	6753.04	17	65	43

* Based on the Colorado River Basin Forecast Center's Minimum Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Minimum Probable Inflow*

Vallecito Reservoir

— BUREAU OF — RECLAMATION

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2023	11	38	7647.43	81
H	Sep 2023	9	32	7636.60	57
	WY 2023	**314**	**299**		
I	Oct 2023	6	9	7635.08	54
S	Nov 2023	4	0	7636.68	57
T	Dec 2023	4	0	7638.20	61
O	Jan 2024	4	0	7639.77	64
R	Feb 2024	4	1	7641.12	67
I	Mar 2024	5	2	7642.74	70
C	Apr 2024	27	5	7651.98	92
A	May 2024	59	34	7661.65	116
L	Jun 2024	56	49	7664.39	124
*	Jul 2024	21	39	7657.44	105
	Aug 2024	10	38	7645.90	78
	Sep 2024	10	29	7636.86	58
	WY 2024	**210**	**206**		
	Oct 2024	10	16	7633.49	51
	Nov 2024	4	0	7635.30	55
	Dec 2024	4	0	7637.06	58
	Jan 2025	3	1	7638.19	61
	Feb 2025	3	1	7638.92	62
	Mar 2025	4	2	7640.01	64
	Apr 2025	12	1	7644.67	75
	May 2025	41	31	7648.82	84
	Jun 2025	43	43	7648.71	84
	Jul 2025	12	42	7634.89	54
	Aug 2025	8	38	7615.76	24
	Sep 2025	7	22	7599.95	9
	WY 2025	**151**	**197**		
	Oct 2025	8	9	7597.82	8
	Nov 2025	6	0	7605.33	13
	Dec 2025	6	0	7611.23	19
	Jan 2026	6	0	7616.16	24
	Feb 2026	5	0	7619.76	29
	Mar 2026	8	0	7624.90	36
	Apr 2026	20	0	7635.78	56
	May 2026	56	31	7647.19	81
	Jun 2026	40	43	7645.79	77
	Jul 2026	13	42	7631.83	48

* Based on the Colorado River Basin Forecast Center's Minimum Probable Water Supply Forecast

Model Run ID: 3261

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Minimum Probable Inflow*

Navajo Reservoir

— BUREAU OF —
RECLAMATION

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azotea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Aug 2023	-3	1	23	3	42	42	6052.15	1196	45
H	Sep 2023	1	0	24	3	25	46	6047.88	1147	47
	WY 2023	**1219**	**144**	**1059**	**24**	**195**	**565**			**1203**
I	Oct 2023	12	0	16	2	7	32	6045.70	1122	39
S	Nov 2023	12	0	9	1	0	21	6044.53	1109	34
T	Dec 2023	14	0	10	1	0	21	6043.54	1098	34
O	Jan 2024	14	0	11	1	0	21	6042.57	1088	33
R	Feb 2024	18	0	15	1	2	22	6041.71	1079	34
I	Mar 2024	31	1	26	1	5	23	6041.36	1075	37
C	Apr 2024	120	16	83	2	23	25	6044.44	1108	51
A	May 2024	165	21	119	3	33	23	6049.75	1168	73
L	Jun 2024	128	23	96	4	37	20	6052.75	1203	134
*	Jul 2024	35	6	46	4	39	36	6049.94	1170	59
	Aug 2024	-7	0	21	3	41	57	6042.80	1090	69
	Sep 2024	0	0	19	2	22	42	6038.40	1044	54
	WY 2024	**541**	**67**	**470**	**24**	**207**	**341**			**650**
	Oct 2024	15	0	21	1	8	33	6036.39	1023	43
	Nov 2024	15	0	11	1	0	31	6034.35	1003	40
	Dec 2024	12	0	8	1	0	25	6032.65	986	33
	Jan 2025	11	0	9	0	0	24	6031.01	969	31
	Feb 2025	13	0	11	1	0	19	6030.11	961	25
	Mar 2025	32	1	28	1	5	23	6030.01	960	33
	Apr 2025	67	6	50	2	21	26	6030.18	961	51
	May 2025	121	14	97	3	35	22	6033.94	998	101
	Jun 2025	99	11	88	3	51	23	6034.96	1009	108
	Jul 2025	16	0	45	3	55	46	6028.87	949	77
	Aug 2025	13	0	43	3	47	44	6023.52	898	63
	Sep 2025	15	0	30	2	26	40	6019.37	861	55
	WY 2025	**429**	**34**	**441**	**21**	**248**	**356**			**660**
	Oct 2025	23	0	24	1	9	27	6017.85	847	43
	Nov 2025	25	1	19	1	0	21	6017.53	844	36
	Dec 2025	24	0	18	0	0	22	6017.08	840	36
	Jan 2026	24	0	18	0	0	22	6016.65	837	35
	Feb 2026	27	1	22	1	0	19	6016.82	838	31
	Mar 2026	74	7	59	1	5	22	6020.33	869	40
	Apr 2026	110	13	78	2	21	21	6024.10	903	61
	May 2026	190	25	140	3	35	22	6032.50	984	134
	Jun 2026	102	12	93	3	51	22	6034.17	1001	121
	Jul 2026	9	0	38	3	55	47	6027.13	932	77

* Based on the Colorado River Basin Forecast Center's Minimum Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Minimum Probable Inflow*

Lake Powell

BUREAU OF RECLAMATION

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Aug 2023	307	454	39	902	0	902	3574.71	4800	8878	908
H	Sep 2023	224	414	35	474	0	474	3573.58	4793	8790	475
	WY 2023	**13421**	**12043**	**230**	**8491**	**90**	**8581**				**8730**
I	Oct 2023	324	432	24	480	0	480	3572.71	4787	8724	480
S	Nov 2023	380	418	23	500	0	500	3571.43	4780	8626	509
T	Dec 2023	324	418	18	600	0	600	3568.97	4765	8441	611
O	Jan 2024	283	402	5	723	0	723	3564.88	4740	8138	732
R	Feb 2024	345	423	6	636	0	636	3562.08	4724	7935	648
I	Mar 2024	455	449	9	674	1	675	3559.02	4707	7717	682
C	Apr 2024	733	677	15	601	0	601	3559.82	4711	7774	605
A	May 2024	1421	1313	18	598	0	598	3568.69	4763	8420	611
L	Jun 2024	2527	2094	32	626	0	626	3585.60	4869	9749	643
*	Jul 2024	647	667	41	546	167	713	3584.61	4863	9667	715
	Aug 2024	210	420	40	759	0	759	3580.28	4835	9317	771
	Sep 2024	295	463	36	568	0	568	3578.64	4824	9186	580
	WY 2024	**7944**	**8176**	**269**	**7312**	**168**	**7480**				**7587**
	Oct 2024	415	476	25	480	0	480	3578.30	4822	9159	488
	Nov 2024	243	281	24	500	0	500	3575.43	4804	8934	506
	Dec 2024	195	246	19	600	0	600	3570.93	4777	8589	614
	Jan 2025	181	231	5	723	0	723	3564.75	4740	8128	738
	Feb 2025	192	227	5	639	0	639	3559.37	4709	7742	650
	Mar 2025	283	280	9	675	0	675	3553.99	4679	7368	683
	Apr 2025	452	427	14	601	0	601	3551.42	4665	7194	608
	May 2025	1074	1000	16	599	0	599	3556.62	4693	7549	601
	Jun 2025	1356	1099	27	628	0	628	3562.42	4726	7960	626
	Jul 2025	475	534	34	709	0	709	3559.72	4711	7767	712
	Aug 2025	192	342	33	758	0	758	3553.75	4678	7352	770
	Sep 2025	192	326	29	568	0	568	3550.04	4657	7101	580
	WY 2025	**5250**	**5469**	**241**	**7480**	**0**	**7480**				**7576**
	Oct 2025	309	366	20	480	0	480	3548.18	4648	6977	490
	Nov 2025	383	376	19	500	0	500	3546.17	4637	6845	509
	Dec 2025	347	362	15	600	0	600	3542.54	4618	6610	614
	Jan 2026	333	342	4	723	0	723	3536.87	4590	6253	738
	Feb 2026	378	375	4	639	0	639	3532.80	4570	6005	650
	Mar 2026	564	498	7	675	0	675	3529.95	4556	5834	684
	Apr 2026	716	598	11	601	0	601	3529.73	4555	5821	608
	May 2026	1552	1347	14	599	0	599	3540.82	4609	6500	601
	Jun 2026	1570	1262	24	628	0	628	3549.51	4655	7065	632
	Jul 2026	298	412	30	709	0	709	3544.90	4630	6762	714

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Minimum Probable Inflow*

Hoover Dam - Lake Mead

BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Aug 2023	902	112	54	580	9.4	25	580	574	1065.35	8834
H	Sep 2023	474	126	53	492	8.3	16	462	577	1065.82	8871
	WY 2023	**8581**	**1339**	**458**	**7633**		**187**	**7518**			
I	Oct 2023	480	31	50	487	7.9	14	520	574	1065.34	8833
S	Nov 2023	500	41	44	533	9.0	8	532	571	1064.81	8792
T	Dec 2023	600	74	36	362	5.9	6	360	588	1068.05	9045
O	Jan 2024	723	67	25	368	6.0	6	359	612	1072.67	9413
R	Feb 2024	636	87	24	362	6.3	5	361	632	1076.52	9725
I	Mar 2024	675	60	26	799	13.0	12	790	626	1075.35	9629
C	Apr 2024	601	79	35	895	15.0	17	890	610	1072.24	9378
A	May 2024	598	24	43	992	16.1	22	987	583	1067.08	8969
L	Jun 2024	626	20	52	948	15.9	25	940	560	1062.50	8614
*	Jul 2024	713	28	49	755	12.3	29	751	554	1061.38	8528
	Aug 2024	759	80	53	617	10.0	25	617	563	1063.14	8663
	Sep 2024	568	78	52	603	10.1	22	603	561	1062.76	8634
	WY 2024	**7480**	**669**	**489**	**7721**		**191**	**7711**			
	Oct 2024	480	56	49	495	8.1	17	495	560	1062.44	8609
	Nov 2024	500	41	43	621	10.4	11	621	551	1060.80	8484
	Dec 2024	600	94	35	557	9.1	11	557	557	1061.92	8570
	Jan 2025	723	96	24	524	8.5	10	524	573	1065.10	8815
	Feb 2025	639	73	23	564	10.2	9	564	580	1066.50	8923
	Mar 2025	675	51	25	795	12.9	16	795	573	1065.17	8820
	Apr 2025	601	48	33	996	16.7	16	996	549	1060.33	8448
	May 2025	599	13	41	1005	16.4	22	1005	521	1054.62	8020
	Jun 2025	628	-16	49	874	14.7	27	874	501	1050.28	7703
	Jul 2025	709	20	46	769	12.5	28	769	494	1048.77	7595
	Aug 2025	758	80	50	736	12.0	24	736	495	1049.14	7621
	Sep 2025	568	78	49	637	10.7	21	637	492	1048.33	7563
	WY 2025	**7480**	**634**	**467**	**8575**		**213**	**8575**			
	Oct 2025	480	65	46	458	7.5	17	458	493	1048.64	7585
	Nov 2025	500	58	40	572	9.6	10	572	489	1047.80	7525
	Dec 2025	600	91	33	520	8.5	10	520	497	1049.48	7645
	Jan 2026	723	98	23	552	9.0	10	552	511	1052.53	7867
	Feb 2026	639	74	21	587	10.6	9	587	517	1053.75	7957
	Mar 2026	675	60	23	854	13.9	16	854	508	1051.73	7808
	Apr 2026	601	49	31	1065	17.9	16	1065	479	1045.69	7374
	May 2026	599	15	38	1050	17.1	22	1050	449	1038.99	6908
	Jun 2026	628	24	45	899	15.1	26	899	430	1034.57	6608
	Jul 2026	709	32	43	787	12.8	28	787	422	1032.92	6498

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Minimum Probable Inflow*

Davis Dam - Lake Mohave

BUREAU OF RECLAMATION

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Aug 2023	580	-14	16	555	0	555	9.0	642.86	1695
H	Sep 2023	492	-7	16	579	0	579	9.7	638.85	1587
	WY 2023	**7633**	**-108**	**152**	**7382**	**0**	**7382**			
I	Oct 2023	487	-1	14	547	0	547	8.9	635.96	1511
S	Nov 2023	533	-18	13	397	0	397	6.7	639.94	1616
T	Dec 2023	362	-5	13	334	0	334	5.4	640.34	1627
O	Jan 2024	368	-2	9	314	0	314	5.1	641.95	1670
R	Feb 2024	362	0	8	350	0	350	6.1	642.15	1675
I	Mar 2024	799	-2	10	779	0	779	12.7	642.41	1682
C	Apr 2024	895	-15	13	854	0	854	14.3	642.92	1696
A	May 2024	992	-10	14	979	0	979	15.9	642.54	1686
L	Jun 2024	948	-19	14	865	0	865	14.5	644.34	1736
*	Jul 2024	755	-16	12	756	0	756	12.3	643.28	1706
	Aug 2024	617	-15	16	621	0	621	10.1	642.00	1671
	Sep 2024	603	-5	16	662	0	662	11.1	639.01	1591
	WY 2024	**7721**	**-108**	**152**	**7457**	**0**	**7457**			
	Oct 2024	495	-9	14	629	0	629	10.2	633.00	1434
	Nov 2024	621	-14	13	542	0	542	9.1	635.00	1486
	Dec 2024	557	0	13	425	0	425	6.9	639.51	1604
	Jan 2025	524	-11	9	442	0	442	7.2	641.80	1666
	Feb 2025	564	-15	8	541	0	541	9.7	641.80	1666
	Mar 2025	795	-11	10	740	0	740	12.0	643.05	1700
	Apr 2025	996	-14	13	971	0	971	16.3	643.00	1699
	May 2025	1005	-11	14	980	0	980	15.9	643.00	1699
	Jun 2025	874	-17	14	842	0	842	14.2	643.00	1699
	Jul 2025	769	-20	12	764	0	764	12.4	642.00	1671
	Aug 2025	736	-15	15	705	0	705	11.5	642.00	1671
	Sep 2025	637	-5	16	670	0	670	11.3	640.01	1617
	WY 2025	**8575**	**-144**	**151**	**8252**	**0**	**8252**			
	Oct 2025	458	-9	14	618	0	618	10.1	633.00	1434
	Nov 2025	572	-14	13	494	0	494	8.3	635.00	1486
	Dec 2025	520	0	13	388	0	388	6.3	639.51	1604
	Jan 2026	552	-11	9	470	0	470	7.6	641.80	1666
	Feb 2026	587	-15	8	564	0	564	10.2	641.80	1666
	Mar 2026	854	-11	10	799	0	799	13.0	643.05	1700
	Apr 2026	1065	-14	13	1039	0	1039	17.5	643.00	1699
	May 2026	1050	-11	14	1025	0	1025	16.7	643.00	1699
	Jun 2026	899	-17	14	868	0	868	14.6	643.00	1699
	Jul 2026	787	-20	12	781	0	781	12.7	642.00	1671

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Minimum Probable Inflow*

Parker Dam - Lake Havasu

BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Aug 2023	555	22	17	485	7.9	61	19	447.78	576	105	1.7
H	Sep 2023	579	13	15	462	7.8	43	55	448.12	582	123	2.1
	WY 2023	**7382**	**248**	**139**	**5731**		**816**	**867**			**1443**	
I	Oct 2023	547	17	12	439	7.1	44	69	447.74	575	68	1.1
S	Nov 2023	397	22	9	294	4.9	59	50	447.87	578	86	1.4
T	Dec 2023	334	14	7	253	4.1	58	27	447.81	576	84	1.4
O	Jan 2024	314	8	6	197	3.2	57	48	448.40	588	110	1.8
R	Feb 2024	350	-2	8	264	4.6	42	58	446.99	561	89	1.5
I	Mar 2024	779	-5	9	603	9.8	13	136	447.53	571	153	2.5
C	Apr 2024	854	-1	11	617	10.4	67	155	447.36	568	149	2.5
A	May 2024	979	-10	13	670	10.9	99	161	448.32	586	131	2.1
L	Jun 2024	865	4	15	668	11.2	96	72	448.77	595	149	2.5
*	Jul 2024	756	18	17	627	10.2	99	23	448.70	594	138	2.2
	Aug 2024	621	19	17	515	8.4	98	22	447.50	571	105	1.7
	Sep 2024	662	12	15	490	8.2	103	57	447.50	570	93	1.6
	WY 2024	**7457**	**97**	**140**	**5637**		**834**	**879**			**1354**	
	Oct 2024	629	20	12	453	7.4	106	70	447.50	571	78	1.3
	Nov 2024	542	16	9	364	6.1	103	76	447.50	570	75	1.3
	Dec 2024	425	15	7	282	4.6	106	59	446.50	552	68	1.1
	Jan 2025	442	9	6	300	4.9	99	40	446.50	552	119	1.9
	Feb 2025	541	4	8	403	7.3	83	45	446.50	552	106	1.9
	Mar 2025	740	11	9	576	9.4	37	117	446.70	555	102	1.7
	Apr 2025	971	18	11	679	11.4	101	150	448.70	593	102	1.7
	May 2025	980	8	13	714	11.6	99	150	448.70	593	95	1.5
	Jun 2025	842	12	16	674	11.3	103	51	448.70	593	100	1.7
	Jul 2025	764	16	17	641	10.4	106	18	448.00	580	105	1.7
	Aug 2025	705	19	17	581	9.4	106	20	447.50	571	112	1.8
	Sep 2025	670	12	15	496	8.3	103	59	447.50	570	110	1.8
	WY 2025	**8252**	**160**	**139**	**6165**		**1153**	**856**			**1171**	
	Oct 2025	618	20	12	442	7.2	99	78	447.50	571	76	1.2
	Nov 2025	494	16	9	352	5.9	96	47	447.50	570	99	1.7
	Dec 2025	388	15	7	275	4.5	98	38	446.50	552	95	1.5
	Jan 2026	470	9	6	315	5.1	105	47	446.50	552	129	2.1
	Feb 2026	564	4	8	417	7.5	84	52	446.50	552	116	2.1
	Mar 2026	799	11	9	615	10.0	36	136	446.70	555	138	2.2
	Apr 2026	1039	18	11	722	12.1	103	174	448.70	593	137	2.3
	May 2026	1025	8	13	733	11.9	100	175	448.70	593	103	1.7
	Jun 2026	868	12	16	691	11.6	103	59	448.70	593	109	1.8
	Jul 2026	781	16	17	655	10.6	106	21	448.00	580	115	1.9

* Based on the Colorado River Basin Forecast Center's Minimum Probable Water Supply Forecast

Model Run ID: 3261

Processed On: 8/7/2024 2:36:10PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Minimum Probable Inflow*

Hoover Dam - Lake Mead

BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2023	580	9.4	1065.35	8834	333	420.26	1308.1	212.8	90	366.9
H	Sep 2023	492	8.3	1065.82	8871	37	419.70	1160.0	181.4	79	368.4
	WY 2023	**7632**							**2759.0**		
I	Oct 2023	487	7.9	1065.34	8833	-37	421.11	1037.5	180.9	71	371.7
S	Nov 2023	533	9.0	1064.81	8792	-41	421.57	948.0	199.5	66	374.5
T	Dec 2023	362	5.9	1068.05	9045	253	423.67	1063.1	133.1	72	367.6
O	Jan 2024	368	6.0	1072.67	9413	368	429.50	1023.0	136.8	69	371.7
R	Feb 2024	362	6.3	1076.52	9725	312	430.99	977.0	136.4	66	376.2
I	Mar 2024	799	13.0	1075.35	9629	-95	428.69	1135.1	309.6	77	387.7
C	Apr 2024	895	15.0	1072.24	9378	-251	420.70	975.0	345.3	66	385.8
A	May 2024	992	16.1	1067.08	8969	-409	416.86	1151.0	378.4	78	381.3
L	Jun 2024	948	15.9	1062.50	8614	-355	413.02	1305.4	356.3	90	375.9
*	Jul 2024	755	12.3	1061.38	8528	-86	417.42	1336.1	279.5	93	370.1
	Aug 2024	617	10.0	1063.14	8663	135	409.89	1336.1	225.6	93	365.6
	Sep 2024	603	10.1	1062.76	8634	-29	412.66	1241.0	222.4	87	369.1
	WY 2024	**7721**							**2903.9**		
	Oct 2024	495	8.1	1062.44	8609	-25	416.44	991.5	186.2	69	375.8
	Nov 2024	621	10.4	1060.80	8484	-125	418.10	890.9	235.4	63	379.2
	Dec 2024	557	9.1	1061.92	8570	86	415.72	899.4	206.3	63	370.5
	Jan 2025	524	8.5	1065.10	8815	245	415.91	879.5	192.8	60	368.1
	Feb 2025	564	10.2	1066.50	8923	109	417.75	836.4	214.0	57	379.2
	Mar 2025	795	12.9	1065.17	8820	-103	416.00	1035.3	302.3	70	380.1
	Apr 2025	996	16.7	1060.33	8448	-372	411.97	1090.5	373.0	76	374.3
	May 2025	1005	16.4	1054.62	8020	-428	404.19	1402.7	361.1	100	359.2
	Jun 2025	874	14.7	1050.28	7703	-317	399.24	1392.5	311.2	100	356.2
	Jul 2025	769	12.5	1048.77	7595	-108	396.68	1382.9	273.6	100	355.6
	Aug 2025	736	12.0	1049.14	7621	26	396.44	1385.2	260.5	100	353.7
	Sep 2025	637	10.7	1048.33	7563	-58	396.86	1380.0	222.9	100	349.7
	WY 2025	**8575**							**3139.2**		
	Oct 2025	458	7.5	1048.64	7585	22	402.95	843.2	166.1	61	362.4
	Nov 2025	572	9.6	1047.80	7525	-60	404.34	924.1	207.2	67	362.2
	Dec 2025	520	8.5	1049.48	7645	120	403.17	860.0	190.6	62	366.8
	Jan 2026	552	9.0	1052.53	7867	222	403.22	880.8	198.1	63	359.0
	Feb 2026	587	10.6	1053.75	7957	90	405.27	793.8	214.1	56	364.8
	Mar 2026	854	13.9	1051.73	7808	-148	404.33	804.1	320.1	58	375.0
	Apr 2026	1065	17.9	1045.69	7374	-434	396.20	1269.8	379.7	93	356.7
	May 2026	1050	17.1	1038.99	6908	-466	390.60	1141.8	367.7	87	350.1
	Jun 2026	899	15.1	1034.57	6608	-300	385.07	1120.4	309.8	87	344.5
	Jul 2026	787	12.8	1032.92	6498	-110	381.06	1277.3	267.7	100	340.1

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Minimum Probable Inflow*

Davis Dam - Lake Mohave

BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2023	555	9.0	642.86	1695	-5	143.43	255.0	71.5	100	128.7
H	Sep 2023	579	9.7	638.85	1587	-108	139.25	204.0	73.6	80	127.1
	WY 2023	**7382**							**938.3**		
I	Oct 2023	547	8.9	635.96	1511	-76	132.98	189.2	67.1	74	122.7
S	Nov 2023	397	6.7	639.94	1616	105	140.75	156.4	50.0	61	125.9
T	Dec 2023	334	5.4	640.34	1627	11	141.24	167.8	41.8	66	125.5
O	Jan 2024	314	5.1	641.95	1670	44	143.06	164.5	39.1	65	124.8
R	Feb 2024	350	6.1	642.15	1675	5	140.83	202.2	43.7	79	124.9
I	Mar 2024	779	12.7	642.41	1682	7	138.42	204.0	98.4	80	126.3
C	Apr 2024	854	14.3	642.92	1696	14	138.93	204.0	108.4	80	127.0
A	May 2024	979	15.9	642.54	1686	-10	138.60	204.0	123.6	80	126.2
L	Jun 2024	865	14.5	644.34	1736	49	141.40	205.7	110.1	81	127.2
*	Jul 2024	756	12.3	643.28	1706	-29	144.40	204.0	96.8	80	128.0
	Aug 2024	621	10.1	642.00	1671	-35	140.75	204.0	78.8	80	126.8
	Sep 2024	662	11.1	639.01	1591	-81	138.19	251.6	82.4	99	124.5
	WY 2024	**7457**							**940.2**		
	Oct 2024	629	10.2	633.00	1434	-156	134.06	227.0	75.9	89	120.8
	Nov 2024	542	9.1	635.00	1486	51	132.51	159.8	64.8	63	119.4
	Dec 2024	425	6.9	639.51	1604	118	136.74	154.7	52.4	61	123.2
	Jan 2025	442	7.2	641.80	1666	62	140.01	156.3	55.8	61	126.1
	Feb 2025	541	9.7	641.80	1666	0	140.05	156.6	68.3	61	126.2
	Mar 2025	740	12.0	643.05	1700	34	139.76	194.1	93.2	76	125.9
	Apr 2025	971	16.3	643.00	1699	-2	138.83	249.9	121.5	98	125.1
	May 2025	980	15.9	643.00	1699	0	138.93	255.0	122.6	100	125.2
	Jun 2025	842	14.2	643.00	1699	0	139.55	255.0	105.9	100	125.7
	Jul 2025	764	12.4	642.00	1671	-27	139.69	255.0	96.1	100	125.8
	Aug 2025	705	11.5	642.00	1671	0	139.55	255.0	88.7	100	125.7
	Sep 2025	670	11.3	640.01	1617	-54	138.64	255.0	83.7	100	124.9
	WY 2025	**8252**							**1028.8**		
	Oct 2025	618	10.1	633.00	1434	-183	134.63	227.0	75.0	89	121.3
	Nov 2025	494	8.3	635.00	1486	51	132.87	159.8	59.1	63	119.7
	Dec 2025	388	6.3	639.51	1604	118	137.02	154.7	47.9	61	123.4
	Jan 2026	470	7.6	641.80	1666	62	139.81	156.3	59.2	61	126.0
	Feb 2026	564	10.2	641.80	1666	0	139.89	156.6	71.1	61	126.0
	Mar 2026	799	13.0	643.05	1700	34	139.40	194.1	100.3	76	125.6
	Apr 2026	1039	17.5	643.00	1699	-2	138.46	249.9	129.6	98	124.7
	May 2026	1025	16.7	643.00	1699	0	138.69	255.0	128.0	100	125.0
	Jun 2026	868	14.6	643.00	1699	0	139.40	255.0	109.0	100	125.6
	Jul 2026	781	12.7	642.00	1671	-27	139.58	255.0	98.3	100	125.7

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Model Run ID: 3261

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Minimum Probable Inflow*

Parker Dam - Lake Havasu

BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2023	485	7.9	447.78	576	-11	81.56	120.0	33.5	100	69.1
H	Sep 2023	462	7.8	448.12	582	7	81.96	120.0	32.1	100	69.5
	WY 2023	**5717**							**395.3**		
I	Oct 2023	439	7.1	447.74	575	-7	81.03	91.0	30.6	76	69.6
S	Nov 2023	294	4.9	447.87	578	3	82.97	80.0	20.0	67	67.9
T	Dec 2023	253	4.1	447.81	576	-1	82.94	60.0	16.6	50	65.7
O	Jan 2024	197	3.2	448.40	588	11	83.76	72.6	12.3	60	62.2
R	Feb 2024	264	4.6	446.99	561	-26	80.84	94.1	17.2	78	65.3
I	Mar 2024	603	9.8	447.53	571	10	77.23	115.2	41.3	96	68.6
C	Apr 2024	617	10.4	447.36	568	-3	76.76	117.0	42.5	98	68.9
A	May 2024	670	10.9	448.32	586	18	77.75	119.0	46.1	99	68.8
L	Jun 2024	668	11.2	448.77	595	9	78.39	120.0	46.3	100	69.3
*	Jul 2024	626	10.2	448.70	594	-1	83.09	120.0	44.1	100	70.4
	Aug 2024	515	8.4	447.50	571	-23	79.69	120.0	36.3	100	70.4
	Sep 2024	490	8.2	447.50	570	0	79.16	120.0	34.1	100	69.6
	WY 2024	**5637**							**387.3**		
	Oct 2024	453	7.4	447.50	571	0	79.56	90.0	31.9	75	70.3
	Nov 2024	364	6.1	447.50	570	0	80.17	92.0	25.0	77	68.7
	Dec 2024	282	4.6	446.50	552	-19	80.48	114.2	17.9	95	63.5
	Jan 2025	300	4.9	446.50	552	0	79.81	94.8	20.1	79	66.9
	Feb 2025	403	7.3	446.50	552	0	78.61	92.1	27.8	77	69.1
	Mar 2025	576	9.4	446.70	555	4	77.75	120.0	39.6	100	68.8
	Apr 2025	679	11.4	448.70	593	38	78.02	120.0	47.4	100	69.7
	May 2025	714	11.6	448.70	593	0	78.94	120.0	50.3	100	70.3
	Jun 2025	674	11.3	448.70	593	0	79.05	120.0	47.5	100	70.4
	Jul 2025	641	10.4	448.00	580	-13	79.06	120.0	44.9	100	70.1
	Aug 2025	581	9.4	447.50	571	-10	78.87	120.0	40.5	100	69.7
	Sep 2025	496	8.3	447.50	570	0	79.11	120.0	34.5	100	69.6
	WY 2025	**6165**							**427.5**		
	Oct 2025	442	7.2	447.50	571	0	79.64	90.0	31.1	75	70.4
	Nov 2025	352	5.9	447.50	570	0	80.27	92.0	24.2	77	68.8
	Dec 2025	275	4.5	446.50	552	-19	80.54	109.4	17.5	91	63.6
	Jan 2026	315	5.1	446.50	552	0	79.68	94.8	21.1	79	66.8
	Feb 2026	417	7.5	446.50	552	0	78.49	92.1	28.8	77	69.0
	Mar 2026	615	10.0	446.70	555	4	77.48	120.0	42.2	100	68.6
	Apr 2026	722	12.1	448.70	593	38	77.74	120.0	50.1	100	69.5
	May 2026	733	11.9	448.70	593	0	78.82	120.0	51.5	100	70.2
	Jun 2026	691	11.6	448.70	593	0	78.94	120.0	48.6	100	70.3
	Jul 2026	655	10.6	448.00	580	-13	78.97	120.0	45.8	100	70.0

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Minimum Probable Inflow*

Upper Basin Power

BUREAU OF RECLAMATION

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Aug 2023	374	44	31	37	21	6
H	Sep 2023	194	44	4	35	20	6
	Summer 2023	**2195**	**194**	**131**	**215**	**109**	**39**
I	Oct 2023	199	38	8	23	6	6
S	Nov 2023	206	34	9	10	5	6
T	Dec 2023	245	49	11	12	6	6
O	Jan 2024	294	49	9	12	5	5
R	Feb 2024	257	44	9	8	5	5
I	Mar 2024	270	25	13	18	9	4
	Winter 2024	**1471**	**241**	**59**	**83**	**36**	**32**
C	Apr 2024	240	38	22	28	17	2
A	May 2024	241	48	42	72	22	5
L	Jun 2024	262	31	32	47	21	7
*	Jul 2024	231	28	34	41	21	6
	Aug 2024	304	33	29	36	18	4
	Sep 2024	227	31	23	30	15	4
	Summer 2024	**1504**	**209**	**183**	**253**	**114**	**28**
	Oct 2024	191	18	17	21	10	0
	Nov 2024	198	17	6	7	4	0
	Dec 2024	235	17	6	8	4	1
	Jan 2025	280	17	6	8	4	3
	Feb 2025	245	16	5	7	4	2
	Mar 2025	256	17	7	9	5	3
	Winter 2025	**1406**	**101**	**46**	**60**	**31**	**9**
	Apr 2025	225	17	13	19	10	2
	May 2025	225	48	16	26	16	3
	Jun 2025	239	19	17	25	15	3
	Jul 2025	271	20	27	33	17	4
	Aug 2025	287	21	24	30	15	4
	Sep 2025	213	19	22	28	14	3
	Summer 2025	**1459**	**144**	**119**	**160**	**88**	**19**
	Oct 2025	179	17	16	21	10	3
	Nov 2025	185	17	5	7	4	3
	Dec 2025	221	19	5	7	4	3
	Jan 2026	263	19	5	7	4	3
	Feb 2026	230	17	5	7	4	3
	Mar 2026	241	18	6	9	5	3
	Winter 2026	**1319**	**107**	**43**	**59**	**32**	**18**
	Apr 2026	214	18	12	17	10	2
	May 2026	216	49	24	36	20	3
	Jun 2026	232	19	20	27	16	6
	Jul 2026	263	21	31	38	19	5

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Minimum Probable Inflow*

Flood Control Criteria - Beginning of Month Conditions

— BUREAU OF —
RECLAMATION

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Aug 2024	492	211	477	13646	14827	19092	33919	492	211	477	1181	13646	19092	33919	1500	617	0	25.6
Sep 2024	559	251	557	13997	15365	18957	34322	559	251	557	1368	13997	18957	34322	2270	603	0	25.1
Oct 2024	625	293	604	14128	15650	18986	34636	625	293	604	1522	14128	18986	34636	3040	495	0	24.9
Nov 2024	642	318	625	14155	15739	19011	34750	642	318	625	1584	14155	19011	34750	3810	621	0	24.5
Dec 2024	667	318	645	14380	16010	19136	35146	667	318	645	1630	14380	19136	35146	4580	557	0	24.3
Jan 2025	702	322	662	14725	16411	19050	35462	702	322	662	1686	14725	19050	35462	5350	524	0	24.1
								****EFFECTIVE SPACE****										
Jan 2025	702	322	662	14725	16411	19050	35462	138	103	145	385	14725	19050	34161	5350	524	0	24.1
Feb 2025	735	327	679	15185	16925	18805	35731	168	109	161	438	15185	18805	34429	1500	564	0	23.8
Mar 2025	761	331	687	15572	17350	18697	36047	192	114	169	475	15572	18697	34743	1500	795	0	23.3
Apr 2025	761	333	688	15946	17728	18800	36528	188	118	163	469	15946	18800	35214	1500	996	0	22.8
May 2025	749	342	687	16120	17898	19172	37070	170	124	139	434	16120	19172	35725	1500	1005	0	22.8
Jun 2025	796	289	650	15764	17499	19600	37099	212	59	64	334	15764	19600	35698	1500	874	0	23.2
Jul 2025	657	216	639	15354	16866	19917	36783	60	-33	-1	26	15354	19917	35297	1500	769	0	22.8
								****CREDITABLE SPACE****										
Aug 2025	613	244	699	15547	17104	20025	37129	613	244	699	1556	15547	20025	37129	1500	736	0	22.2
Sep 2025	648	285	750	15962	17645	19999	37644	648	285	750	1683	15962	19999	37644	2270	637	0	21.7
Oct 2025	689	330	787	16213	18020	20057	38077	689	330	787	1807	16213	20057	38077	3040	458	0	21.4
Nov 2025	709	362	801	16337	18209	20035	38244	709	362	801	1872	16337	20035	38244	3810	572	0	21.2
Dec 2025	719	353	804	16469	18345	20095	38440	719	353	804	1876	16469	20095	38440	4580	520	0	21.2
Jan 2026	745	345	807	16703	18601	19975	38576	745	345	807	1897	16703	19975	38576	5350	552	0	21.1
								****EFFECTIVE SPACE****										
Jan 2026	745	345	807	16703	18601	19975	38576	270	171	273	715	16703	19975	37393	5350	552	0	21.1
Feb 2026	763	339	811	17060	18974	19753	38727	287	166	276	729	17060	19753	37542	1500	587	0	20.9
Mar 2026	775	333	810	17309	19226	19663	38890	296	160	274	730	17309	19663	37702	1500	854	0	20.7
Apr 2026	765	319	779	17480	19343	19812	39155	282	148	237	666	17480	19812	37958	1500	1065	0	20.4
May 2026	733	300	744	17493	19270	20246	39516	243	124	180	547	17493	20246	38285	1500	1050	0	20.8
Jun 2026	719	239	664	16813	18435	20712	39147	223	48	61	332	16813	20712	37857	1500	899	0	21.3
Jul 2026	541	155	647	16249	17592	21012	38604	31	-51	-10	-30	16249	21012	37230	1500	787	0	20.8

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