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RECLAMATION

To: All Annual Operating Plan Recipients

From: Noe Santos, P.E.
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Subject: August 2024 Probable Maximum 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 Maximum inflow scenario is 7.94 million acre-feet (maf), or 83% of average. The Probable Maximum 24-Month Study includes a release volume from Glen Canyon Dam of 7.48 maf in WY 2024 and 7.48 maf in WY 2025. Under the Probable Maximum scenario, Lake Powell's elevation is projected to be 3,580.38 feet on December 31, 2024. With intervening flows between Lake Powell and Lake Mead of 0.838 maf in calendar year 2024, Lake Mead's elevation is projected to be 1,063.68 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

Maximum Probable Inflow*

Fontenelle Reservoir

	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	68	0	68	6495.51	256
	Sep 2024	35	2	57	0	57	6492.12	232
	WY 2024	**836**	**14**	**804**	**70**	**874**		
	Oct 2024	38	1	0	55	55	6489.35	214
	Nov 2024	66	1	0	64	64	6489.58	216
	Dec 2024	52	1	20	60	80	6485.04	187
	Jan 2025	47	1	80	0	80	6479.03	153
	Feb 2025	45	0	72	0	72	6473.17	126
	Mar 2025	78	0	74	0	74	6473.98	129
	Apr 2025	121	1	39	34	73	6483.32	177
	May 2025	224	1	103	99	202	6486.69	197
	Jun 2025	483	2	103	311	414	6496.70	264
	Jul 2025	276	3	105	138	243	6500.87	295
	Aug 2025	104	2	100	0	100	6501.10	296
	Sep 2025	67	2	88	0	88	6497.97	273
	WY 2025	**1601**	**15**	**784**	**761**	**1545**		
	Oct 2025	68	1	61	0	61	6498.70	279
	Nov 2025	54	1	72	0	72	6496.10	260
	Dec 2025	34	1	80	0	80	6489.26	213
	Jan 2026	33	1	80	0	80	6481.37	166
	Feb 2026	31	0	72	0	72	6472.80	124
	Mar 2026	64	0	79	0	79	6469.08	109
	Apr 2026	97	1	28	38	66	6476.17	139
	May 2026	224	1	103	7	110	6494.95	252
	Jun 2026	404	2	103	270	373	6498.95	281
	Jul 2026	223	3	102	75	177	6504.77	324

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Maximum Probable Inflow*

Flaming Gorge Reservoir

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	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	70	12	101	0	101	122	6028.05	3192	116
	Sep 2024	38	60	11	98	0	98	121	6026.75	3145	113
	WY 2024	**1163**	**1203**	**78**	**1208**	**33**	**1240**				**2787**
	Oct 2024	43	60	7	62	0	62	120	6026.52	3137	90
	Nov 2024	89	87	3	60	0	60	121	6027.17	3160	108
	Dec 2024	58	86	2	73	0	73	122	6027.47	3171	113
	Jan 2025	68	101	2	75	0	75	123	6028.12	3194	115
	Feb 2025	73	100	2	62	0	62	124	6029.04	3228	101
	Mar 2025	170	166	3	134	124	259	120	6026.51	3137	364
	Apr 2025	213	165	5	253	0	253	117	6024.00	3048	607
	May 2025	319	297	7	289	123	412	112	6020.61	2931	1257
	Jun 2025	667	598	10	117	0	117	130	6033.02	3383	761
	Jul 2025	377	344	15	111	0	111	139	6038.16	3593	216
	Aug 2025	135	131	14	144	0	144	137	6037.54	3567	170
	Sep 2025	87	108	12	134	0	134	136	6036.66	3531	161
	WY 2025	**2299**	**2243**	**81**	**1514**	**247**	**1761**				**4062**
	Oct 2025	89	82	8	128	0	128	134	6035.43	3480	173
	Nov 2025	70	88	4	119	0	119	133	6034.60	3447	159
	Dec 2025	37	83	2	188	0	188	129	6032.04	3345	212
	Jan 2026	45	92	2	188	0	188	125	6029.63	3251	213
	Feb 2026	50	91	2	167	0	167	122	6027.61	3176	193
	Mar 2026	120	135	3	172	0	172	120	6026.52	3137	255
	Apr 2026	146	115	5	166	0	166	118	6025.00	3083	412
	May 2026	318	204	7	215	0	215	117	6024.52	3066	834
	Jun 2026	525	494	10	141	0	141	131	6033.32	3395	687
	Jul 2026	270	224	14	70	0	70	136	6036.62	3529	205

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Maximum 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	24	9315.92	80
	Sep 2024	7	15	9311.13	72
	WY 2024	**151**	**156**		
	Oct 2024	7	9	9309.88	70
	Nov 2024	9	6	9311.77	73
	Dec 2024	7	6	9312.29	74
	Jan 2025	7	6	9312.81	74
	Feb 2025	6	6	9313.08	75
	Mar 2025	7	6	9313.59	76
	Apr 2025	12	18	9309.91	70
	May 2025	40	30	9315.95	80
	Jun 2025	60	36	9328.78	104
	Jul 2025	24	30	9325.74	98
	Aug 2025	13	24	9319.89	87
	Sep 2025	10	18	9315.36	79
	WY 2025	**202**	**195**		
	Oct 2025	9	9	9315.36	79
	Nov 2025	6	6	9315.39	79
	Dec 2025	5	6	9314.72	78
	Jan 2026	5	6	9314.04	77
	Feb 2026	4	6	9313.11	75
	Mar 2026	5	6	9312.42	74
	Apr 2026	10	14	9309.94	70
	May 2026	30	20	9315.97	80
	Jun 2026	51	26	9329.30	105
	Jul 2026	24	27	9327.81	102

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Maximum 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	61	1	97	0	97	7490.20	579
	Sep 2024	31	39	1	80	0	80	7484.72	537
	WY 2024	**893**	**897**	**8**	**858**	**123**	**982**		
	Oct 2024	31	33	0	62	0	62	7480.77	508
	Nov 2024	47	44	0	14	0	14	7484.78	538
	Dec 2024	41	40	0	21	0	21	7487.30	557
	Jan 2025	38	37	0	28	0	28	7488.47	566
	Feb 2025	33	33	0	23	0	23	7489.63	575
	Mar 2025	52	51	0	27	0	27	7492.68	599
	Apr 2025	102	108	1	42	0	42	7500.72	664
	May 2025	311	301	1	205	273	478	7477.82	486
	Jun 2025	379	355	1	197	68	265	7489.64	575
	Jul 2025	144	150	1	102	0	102	7495.47	621
	Aug 2025	80	91	1	93	0	93	7495.11	618
	Sep 2025	53	61	1	75	0	75	7493.23	603
	WY 2025	**1311**	**1304**	**8**	**889**	**341**	**1230**		
	Oct 2025	48	48	1	57	0	57	7491.98	593
	Nov 2025	36	36	0	32	0	32	7492.41	597
	Dec 2025	26	27	0	56	0	56	7488.77	568
	Jan 2026	25	26	0	44	0	44	7486.40	550
	Feb 2026	23	25	0	39	0	39	7484.40	535
	Mar 2026	41	42	0	45	0	45	7483.97	531
	Apr 2026	93	97	1	58	0	58	7488.94	569
	May 2026	247	237	1	196	0	196	7494.03	610
	Jun 2026	335	310	1	202	20	223	7504.44	695
	Jul 2026	140	143	2	103	0	103	7508.89	734

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Maximum Probable Inflow*

Morrow Point Reservoir

	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	62	2	64	64	0	64	7153.73	112
	Nov 2024	49	14	2	16	16	0	16	7153.73	112
	Dec 2024	44	21	3	24	24	0	24	7153.73	112
	Jan 2025	40	28	2	30	30	0	30	7153.73	112
	Feb 2025	37	23	4	27	27	0	27	7153.73	112
	Mar 2025	56	27	4	31	31	0	31	7153.73	112
	Apr 2025	116	42	14	56	56	0	56	7153.73	112
	May 2025	350	478	39	517	306	211	517	7153.73	112
	Jun 2025	411	265	32	297	296	1	297	7153.72	112
	Jul 2025	152	102	8	110	110	0	110	7153.73	112
	Aug 2025	85	93	5	98	98	0	98	7153.73	112
	Sep 2025	56	75	3	78	78	0	78	7153.73	112
	WY 2025	**1429**	**1230**	**118**	**1348**	**1136**	**211**	**1347**		
	Oct 2025	51	57	3	60	60	0	60	7153.73	112
	Nov 2025	39	32	3	35	35	0	35	7153.73	112
	Dec 2025	28	56	2	58	57	0	57	7153.73	112
	Jan 2026	26	44	1	45	45	0	45	7153.73	112
	Feb 2026	25	39	2	41	41	0	41	7153.73	112
	Mar 2026	43	45	2	47	47	0	47	7153.73	112
	Apr 2026	105	58	12	70	70	0	70	7153.73	112
	May 2026	274	196	27	223	223	0	223	7153.73	112
	Jun 2026	358	223	23	246	246	0	246	7153.72	112
	Jul 2026	147	103	7	110	110	0	110	7153.73	112

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Maximum 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	64	4	68	56	12	68	6753.04	17	55	13
	Nov 2024	57	16	8	24	24	0	24	6753.04	17	0	24
	Dec 2024	51	24	7	31	31	0	31	6753.04	17	0	31
	Jan 2025	47	30	7	37	37	0	37	6753.04	17	0	37
	Feb 2025	43	27	6	33	33	0	33	6753.04	17	0	33
	Mar 2025	67	31	11	42	42	0	42	6753.04	17	5	37
	Apr 2025	133	56	17	73	73	0	73	6753.04	17	42	31
	May 2025	403	517	53	570	134	436	570	6753.04	17	62	508
	Jun 2025	466	297	55	352	130	222	352	6753.03	17	61	291
	Jul 2025	171	110	19	129	129	0	129	6753.04	17	65	64
	Aug 2025	98	98	13	111	111	0	111	6753.04	17	65	46
	Sep 2025	67	78	11	89	89	0	89	6753.04	17	55	34
	WY 2025	**1640**	**1347**	**211**	**1558**	**888**	**669**	**1558**			**410**	**1148**
	Oct 2025	60	60	9	69	60	9	69	6753.04	17	49	20
	Nov 2025	44	35	5	40	40	0	40	6753.04	17	14	26
	Dec 2025	32	57	4	61	61	0	61	6753.04	17	1	61
	Jan 2026	30	45	4	49	49	0	49	6753.04	17	0	49
	Feb 2026	28	41	3	44	44	0	44	6753.04	17	0	44
	Mar 2026	50	47	7	54	54	0	54	6753.04	17	12	42
	Apr 2026	117	70	12	82	82	0	82	6753.04	17	42	40
	May 2026	308	223	34	257	134	122	257	6753.04	17	62	195
	Jun 2026	398	246	40	286	130	156	286	6753.03	17	61	225
	Jul 2026	163	110	16	126	126	0	126	6753.04	17	65	61

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Maximum 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	11	29	7637.35	59
	WY 2024	**211**	**206**		
	Oct 2024	11	16	7634.53	53
	Nov 2024	9	0	7638.72	62
	Dec 2024	6	2	7640.79	66
	Jan 2025	5	2	7642.35	70
	Feb 2025	5	1	7643.94	73
	Mar 2025	11	2	7647.97	82
	Apr 2025	31	2	7659.56	111
	May 2025	85	94	7655.88	102
	Jun 2025	102	90	7660.46	114
	Jul 2025	44	42	7661.17	115
	Aug 2025	23	38	7655.24	100
	Sep 2025	21	30	7651.63	91
	WY 2025	**353**	**317**		
	Oct 2025	15	17	7650.63	89
	Nov 2025	9	1	7653.65	96
	Dec 2025	6	2	7655.39	100
	Jan 2026	6	2	7657.12	105
	Feb 2026	5	1	7658.48	108
	Mar 2026	11	2	7661.84	117
	Apr 2026	28	8	7669.02	137
	May 2026	78	78	7668.82	136
	Jun 2026	84	83	7668.98	137
	Jul 2026	33	43	7665.35	126

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Maximum 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	20	2	46	3	41	37	6046.81	1135	77
	Sep 2024	23	5	36	2	22	30	6045.24	1117	76
	WY 2024	**591**	**74**	**512**	**24**	**207**	**310**			**681**
	Oct 2024	35	6	34	2	8	22	6045.58	1121	69
	Nov 2024	33	4	21	1	0	28	6044.83	1113	46
	Dec 2024	24	2	17	1	0	24	6044.16	1105	38
	Jan 2025	24	2	19	1	0	22	6043.86	1102	34
	Feb 2025	36	3	29	1	0	19	6044.70	1111	31
	Mar 2025	115	12	93	1	5	22	6050.45	1176	49
	Apr 2025	234	30	175	2	21	63	6057.85	1265	130
	May 2025	374	51	332	3	35	307	6056.73	1252	481
	Jun 2025	368	44	311	4	51	294	6053.56	1213	510
	Jul 2025	121	4	114	4	55	73	6051.99	1194	179
	Aug 2025	71	3	83	3	47	31	6052.17	1197	79
	Sep 2025	65	4	70	3	26	30	6053.16	1208	68
	WY 2025	**1500**	**165**	**1300**	**25**	**248**	**935**			**1714**
	Oct 2025	60	3	59	2	9	22	6055.36	1235	52
	Nov 2025	40	1	32	1	0	21	6056.16	1245	42
	Dec 2025	23	0	18	1	0	22	6055.85	1241	37
	Jan 2026	21	0	16	1	0	22	6055.38	1235	35
	Feb 2026	31	1	26	1	0	19	6055.85	1241	31
	Mar 2026	102	12	81	2	5	22	6060.10	1294	48
	Apr 2026	185	24	141	3	21	25	6067.19	1387	86
	May 2026	307	42	265	4	35	296	6061.88	1317	454
	Jun 2026	272	37	233	4	51	270	6054.53	1225	456
	Jul 2026	71	7	74	4	55	41	6052.27	1198	120

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Maximum 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	380	40	759	0	759	3579.81	4832	9279	778
	Sep 2024	295	437	36	568	0	568	3577.86	4819	9125	583
	WY 2024	**7944**	**8109**	**268**	**7312**	**168**	**7480**				**7598**
	Oct 2024	415	465	25	480	0	480	3577.40	4816	9088	492
	Nov 2024	814	750	25	500	0	500	3580.03	4833	9297	512
	Dec 2024	653	650	20	600	0	600	3580.38	4835	9325	613
	Jan 2025	605	601	6	723	0	723	3578.90	4826	9206	736
	Feb 2025	643	609	6	639	0	639	3578.47	4823	9173	652
	Mar 2025	946	933	11	675	0	675	3581.34	4842	9402	702
	Apr 2025	1514	1373	19	601	0	601	3589.80	4897	10099	625
	May 2025	3595	3874	26	599	0	599	3621.89	5138	13107	618
	Jun 2025	4541	3899	52	628	0	628	3648.19	5376	16087	636
	Jul 2025	1589	1293	70	709	0	709	3652.06	5415	16564	719
	Aug 2025	643	674	70	758	0	758	3650.91	5403	16421	777
	Sep 2025	643	706	64	568	0	568	3651.46	5409	16490	583
	WY 2025	**16601**	**15829**	**394**	**7480**	**0**	**7480**				**7666**
	Oct 2025	702	724	45	643	0	643	3651.73	5411	16523	656
	Nov 2025	600	627	43	642	0	642	3651.30	5407	16469	651
	Dec 2025	354	533	34	715	0	715	3649.67	5391	16269	726
	Jan 2026	364	526	11	1290	0	1290	3643.75	5334	15552	1305
	Feb 2026	398	522	11	1140	0	1140	3638.79	5287	14969	1149
	Mar 2026	660	653	18	1200	0	1200	3634.22	5245	14445	1228
	Apr 2026	1106	976	28	1070	0	1070	3633.21	5236	14332	1087
	May 2026	2555	2467	35	1060	0	1060	3644.17	5338	15602	1076
	Jun 2026	3265	2856	58	1120	0	1120	3656.75	5462	17155	1129
	Jul 2026	1366	1161	72	1200	0	1200	3655.94	5454	17052	1210

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Maximum 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	129	53	617	10.0	21	617	566	1063.78	8712
	Sep 2024	568	103	52	603	10.1	18	603	566	1063.75	8710
	WY 2024	**7480**	**743**	**490**	**7721**		**183**	**7711**			
	Oct 2024	480	77	50	495	8.1	13	495	566	1063.74	8709
	Nov 2024	500	80	43	621	10.4	7	621	561	1062.64	8624
	Dec 2024	600	84	35	557	9.1	7	557	566	1063.68	8705
	Jan 2025	723	86	25	489	7.9	11	489	583	1067.12	8972
	Feb 2025	639	83	23	541	9.7	10	541	592	1068.88	9111
	Mar 2025	675	179	25	772	12.6	17	772	595	1069.34	9147
	Apr 2025	601	160	34	974	16.4	17	974	579	1066.20	8900
	May 2025	599	129	42	982	16.0	24	982	559	1062.31	8599
	Jun 2025	628	56	51	854	14.3	28	854	544	1059.24	8365
	Jul 2025	709	65	49	749	12.2	30	749	540	1058.56	8314
	Aug 2025	758	129	53	716	11.6	26	716	546	1059.70	8401
	Sep 2025	568	103	51	618	10.4	23	618	545	1059.44	8380
	WY 2025	**7480**	**1231**	**481**	**8369**		**213**	**8369**			
	Oct 2025	643	86	49	435	7.1	18	435	559	1062.24	8594
	Nov 2025	642	57	43	549	9.2	11	549	564	1063.41	8684
	Dec 2025	715	70	36	497	8.1	11	497	579	1066.34	8911
	Jan 2026	1290	97	25	523	8.5	12	523	630	1076.06	9687
	Feb 2026	1140	61	24	576	10.4	11	576	666	1082.76	10241
	Mar 2026	1200	186	27	850	13.8	19	850	696	1088.18	10701
	Apr 2026	1070	110	37	1065	17.9	19	1065	699	1088.83	10757
	May 2026	1060	103	47	1050	17.1	26	1050	702	1089.28	10795
	Jun 2026	1120	58	58	893	15.0	31	893	714	1091.41	10979
	Jul 2026	1200	66	56	778	12.6	33	778	738	1095.70	11354

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Maximum 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	489	-11	9	407	0	407	6.6	641.80	1666
	Feb 2025	541	-15	8	518	0	518	9.3	641.80	1666
	Mar 2025	772	-11	10	717	0	717	11.7	643.05	1700
	Apr 2025	974	-14	13	948	0	948	15.9	643.00	1699
	May 2025	982	-11	14	957	0	957	15.6	643.00	1699
	Jun 2025	854	-17	14	823	0	823	13.8	643.00	1699
	Jul 2025	749	-20	12	744	0	744	12.1	642.00	1671
	Aug 2025	716	-15	15	685	0	685	11.1	642.00	1671
	Sep 2025	618	-5	16	651	0	651	10.9	640.01	1617
	WY 2025	**8369**	**-144**	**151**	**8047**	**0**	**8047**			
	Oct 2025	435	-9	14	595	0	595	9.7	633.00	1434
	Nov 2025	549	-14	13	471	0	471	7.9	635.00	1486
	Dec 2025	497	0	13	365	0	365	5.9	639.51	1604
	Jan 2026	523	-11	9	442	0	442	7.2	641.80	1666
	Feb 2026	576	-15	8	553	0	553	10.0	641.80	1666
	Mar 2026	850	-11	10	795	0	795	12.9	643.05	1700
	Apr 2026	1065	-14	13	1039	0	1039	17.5	643.00	1699
	May 2026	1050	-11	14	1024	0	1024	16.7	643.00	1699
	Jun 2026	893	-17	14	862	0	862	14.5	643.00	1699
	Jul 2026	778	-20	12	772	0	772	12.6	642.00	1671

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Maximum 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	407	9	6	300	4.9	64	40	446.50	552	119	1.9
	Feb 2025	518	4	8	403	7.3	60	45	446.50	552	106	1.9
	Mar 2025	717	11	9	576	9.4	14	117	446.70	555	102	1.7
	Apr 2025	948	18	11	679	11.4	79	150	448.70	593	102	1.7
	May 2025	957	8	13	714	11.6	76	150	448.70	593	95	1.5
	Jun 2025	823	12	16	674	11.3	83	51	448.70	593	100	1.7
	Jul 2025	744	16	17	641	10.4	86	18	448.00	580	105	1.7
	Aug 2025	685	19	17	581	9.4	86	20	447.50	571	112	1.8
	Sep 2025	651	12	15	496	8.3	84	59	447.50	570	110	1.8
	WY 2025	**8047**	**160**	**139**	**6165**		**947**	**856**			**1171**	
	Oct 2025	595	20	12	442	7.2	76	78	447.50	571	76	1.2
	Nov 2025	471	16	9	352	5.9	73	47	447.50	570	99	1.7
	Dec 2025	365	15	7	275	4.5	75	38	446.50	552	95	1.5
	Jan 2026	442	9	6	318	5.2	70	51	446.50	552	132	2.1
	Feb 2026	553	4	8	419	7.5	67	57	446.50	552	118	2.1
	Mar 2026	795	11	9	618	10.0	19	148	446.70	555	140	2.3
	Apr 2026	1039	18	11	724	12.2	85	188	448.70	593	140	2.4
	May 2026	1024	8	13	735	12.0	82	189	448.70	593	105	1.7
	Jun 2026	862	12	16	693	11.6	90	64	448.70	593	111	1.9
	Jul 2026	772	16	17	657	10.7	93	23	448.00	580	117	1.9

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

Model Run ID: 3262

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Maximum 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	1063.78	8712	184	410.21	1336.1	225.8	93	365.9
	Sep 2024	603	10.1	1063.75	8710	-2	413.47	1241.0	222.9	87	369.9
	WY 2024	**7721**							**2904.5**		
	Oct 2024	495	8.1	1063.74	8709	-1	417.58	991.5	186.6	69	376.8
	Nov 2024	621	10.4	1062.64	8624	-85	419.66	890.9	236.3	63	380.6
	Dec 2024	557	9.1	1063.68	8705	80	417.51	899.4	207.1	63	372.0
	Jan 2025	489	7.9	1067.12	8972	267	417.79	889.1	184.5	60	377.7
	Feb 2025	541	9.7	1068.88	9111	139	419.94	848.9	205.3	57	379.2
	Mar 2025	772	12.6	1069.34	9147	37	419.25	1043.3	295.0	70	381.9
	Apr 2025	974	16.4	1066.20	8900	-247	416.95	1117.7	367.9	76	377.9
	May 2025	982	16.0	1062.31	8599	-301	410.90	1453.5	364.8	100	371.3
	Jun 2025	854	14.3	1059.24	8365	-234	407.48	1428.0	316.9	100	371.1
	Jul 2025	749	12.2	1058.56	8314	-51	405.95	1423.2	272.5	100	363.6
	Aug 2025	716	11.6	1059.70	8401	87	406.51	1431.3	259.5	100	362.3
	Sep 2025	618	10.4	1059.44	8380	-20	407.59	1429.4	225.2	100	364.4
	WY 2025	**8369**							**3121.7**		
	Oct 2025	435	7.1	1062.24	8594	213	415.23	884.0	161.4	61	370.6
	Nov 2025	549	9.2	1063.41	8684	90	418.84	978.2	205.0	67	373.2
	Dec 2025	497	8.1	1066.34	8911	227	419.30	914.2	188.5	62	379.4
	Jan 2026	523	8.5	1076.06	9687	776	423.28	943.4	195.5	63	373.6
	Feb 2026	576	10.4	1082.76	10241	554	431.40	877.5	226.2	56	392.6
	Mar 2026	850	13.8	1088.18	10701	460	436.88	923.7	345.7	58	406.6
	Apr 2026	1065	17.9	1088.83	10757	56	435.64	1505.4	420.4	93	394.8
	May 2026	1050	17.1	1089.28	10795	38	436.92	1400.9	414.7	87	395.1
	Jun 2026	893	15.0	1091.41	10979	184	438.18	1420.7	353.5	87	395.7
	Jul 2026	778	12.6	1095.70	11354	375	440.29	1669.4	307.7	100	395.6

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Maximum 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	407	6.6	641.80	1666	62	140.28	156.3	51.4	61	126.4
	Feb 2025	518	9.3	641.80	1666	0	140.22	156.6	65.5	61	126.3
	Mar 2025	717	11.7	643.05	1700	34	139.91	194.1	90.4	76	126.0
	Apr 2025	948	15.9	643.00	1699	-2	138.96	249.9	118.7	98	125.2
	May 2025	957	15.6	643.00	1699	0	139.05	255.0	119.9	100	125.3
	Jun 2025	823	13.8	643.00	1699	0	139.67	255.0	103.5	100	125.8
	Jul 2025	744	12.1	642.00	1671	-27	139.81	255.0	93.7	100	126.0
	Aug 2025	685	11.1	642.00	1671	0	139.68	255.0	86.3	100	125.8
	Sep 2025	651	10.9	640.01	1617	-54	138.77	255.0	81.4	100	125.0
	WY 2025	**8047**							**1003.8**		
	Oct 2025	595	9.7	633.00	1434	-183	134.78	227.0	72.3	89	121.4
	Nov 2025	471	7.9	635.00	1486	51	133.04	159.8	56.4	63	119.9
	Dec 2025	365	5.9	639.51	1604	118	137.20	154.7	45.2	61	123.6
	Jan 2026	442	7.2	641.80	1666	62	140.02	156.3	55.8	61	126.1
	Feb 2026	553	10.0	641.80	1666	0	139.96	156.6	69.8	61	126.1
	Mar 2026	795	12.9	643.05	1700	34	139.42	194.1	99.9	76	125.6
	Apr 2026	1039	17.5	643.00	1699	-2	138.46	249.9	129.6	98	124.7
	May 2026	1024	16.7	643.00	1699	0	138.69	255.0	128.0	100	125.0
	Jun 2026	862	14.5	643.00	1699	0	139.43	255.0	108.3	100	125.6
	Jul 2026	772	12.6	642.00	1671	-27	139.64	255.0	97.1	100	125.8

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Maximum 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	318	5.2	446.50	552	0	79.66	94.8	21.2	79	66.8
	Feb 2026	419	7.5	446.50	552	0	78.47	92.1	28.9	77	69.0
	Mar 2026	618	10.0	446.70	555	4	77.46	120.0	42.4	100	68.6
	Apr 2026	724	12.2	448.70	593	38	77.73	120.0	50.3	100	69.5
	May 2026	735	12.0	448.70	593	0	78.81	120.0	51.6	100	70.2
	Jun 2026	693	11.6	448.70	593	0	78.93	120.0	48.7	100	70.3
	Jul 2026	657	10.7	448.00	580	-13	78.96	120.0	46.0	100	70.0

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Maximum 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	34	29	36	18	5
	Sep 2024	226	33	23	30	15	4
	Summer 2024	**1503**	**212**	**183**	**253**	**114**	**29**
	Oct 2024	191	21	18	23	10	0
	Nov 2024	199	20	4	6	4	0
	Dec 2024	239	25	6	9	5	1
	Jan 2025	288	25	8	11	6	5
	Feb 2025	255	21	7	10	6	4
	Mar 2025	270	46	8	11	7	4
	Winter 2025	**1441**	**158**	**51**	**69**	**39**	**15**
	Apr 2025	243	85	13	20	13	2
	May 2025	252	97	60	110	23	7
	Jun 2025	281	39	57	107	22	7
	Jul 2025	326	38	30	40	22	8
	Aug 2025	350	49	28	35	19	8
	Sep 2025	263	46	22	28	15	7
	Summer 2025	**1715**	**355**	**210**	**340**	**115**	**38**
	Oct 2025	298	44	17	22	10	5
	Nov 2025	297	41	10	13	7	5
	Dec 2025	330	64	16	21	11	6
	Jan 2026	592	64	13	16	9	5
	Feb 2026	517	57	11	15	8	4
	Mar 2026	540	58	13	17	9	4
	Winter 2026	**2574**	**327**	**81**	**103**	**54**	**29**
	Apr 2026	479	56	17	25	14	2
	May 2026	479	72	58	80	23	7
	Jun 2026	518	48	61	88	22	8
	Jul 2026	561	24	32	40	22	8

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2024 24-Month Study

Maximum 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	563	249	513	14034	15360	18908	34267	563	249	513	1325	14034	18908	34267	2270	603	0	25.2
Oct 2024	633	291	531	14189	15644	18910	34554	633	291	531	1455	14189	18910	34554	3040	495	0	25.0
Nov 2024	660	320	527	14226	15733	18911	34644	660	320	527	1507	14226	18911	34644	3810	621	0	25.2
Dec 2024	635	290	535	14017	15478	18996	34474	635	290	535	1461	14017	18996	34474	4580	557	0	25.4
Jan 2025	653	271	543	13989	15456	18915	34371	653	271	543	1467	13989	18915	34371	5350	489	0	25.6
								****EFFECTIVE SPACE****										
Jan 2025	653	271	543	13989	15456	18915	34371	599	94	274	966	13989	18915	33870	5350	489	0	25.6
Feb 2025	663	262	546	14107	15579	18648	34227	606	84	277	966	14107	18648	33721	1500	541	0	25.8
Mar 2025	657	253	537	14141	15587	18509	34097	595	74	267	936	14141	18509	33586	1500	772	0	26.1
Apr 2025	745	229	472	13912	15358	18473	33830	684	49	195	927	13912	18473	33312	1500	974	0	26.6
May 2025	786	164	382	13215	14547	18720	33267	723	-11	82	794	13215	18720	32729	1500	982	0	29.1
Jun 2025	883	342	396	10207	11828	19021	30849	816	156	58	1029	10207	19021	30257	1500	854	0	32.4
Jul 2025	363	253	435	7227	8278	19255	27532	266	42	41	348	7227	19255	26830	1500	749	0	33.1
								****CREDITABLE SPACE****										
Aug 2025	123	207	453	6750	7533	19306	26839	123	207	453	783	6750	19306	26839	1500	716	0	33.0
Sep 2025	147	210	451	6892	7700	19219	26920	147	210	451	808	6892	19219	26920	2270	618	0	32.9
Oct 2025	206	225	440	6824	7695	19240	26934	206	225	440	871	6824	19240	26934	3040	435	0	32.9
Nov 2025	252	235	413	6791	7690	19026	26717	252	235	413	900	6791	19026	26717	3810	549	0	33.0
Dec 2025	304	231	403	6844	7783	18936	26719	304	231	403	938	6844	18936	26719	4580	497	0	32.9
Jan 2026	453	260	407	7045	8165	18709	26874	453	260	407	1120	7045	18709	26874	5350	523	0	32.9
								****EFFECTIVE SPACE****										
Jan 2026	453	260	407	7045	8165	18709	26874	355	195	143	693	7045	18709	26446	5350	523	0	32.9
Feb 2026	594	278	413	7762	9047	17933	26980	497	214	148	859	7762	17933	26554	1500	576	0	32.7
Mar 2026	711	293	407	8345	9756	17379	27135	615	231	141	987	8345	17379	26710	1500	850	0	32.7
Apr 2026	765	296	354	8868	10284	16919	27203	667	235	81	983	8868	16919	26771	1500	1065	0	32.8
May 2026	788	259	261	8982	10290	16863	27153	687	200	-35	852	8982	16863	26698	1500	1050	0	34.1
Jun 2026	693	218	331	7712	8954	16825	25779	584	149	-4	729	7712	16825	25266	1500	893	0	36.3
Jul 2026	335	132	423	6159	7049	16641	23690	200	37	33	270	6159	16641	23069	1500	778	0	36.7

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