

To: All Annual Operating Plan Recipients

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In addition to the August 2022 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 under Probable Minimum and Probable Maximum inflow scenarios. The 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/ic/region/g4000/24mo/2022/August-Chart.pdf>.

In light of the prolonged drought, low runoff conditions, and depleted storage at Lake Powell, the Department of the Interior implemented an action under Sections 6 and 7.D of the 2007 Interim Guidelines specifically reducing the Glen Canyon Dam annual releases to 7.00 maf in water year 2022<sup>1</sup>. This action was undertaken in conjunction with the 2022 Drought Response Operations Plan<sup>2</sup> actions which together are anticipated to add approximately one million additional acre-feet of storage to Lake Powell by April 2023. The Department of Interior and Reclamation will work to determine the manner in which to operate Glen Canyon Dam to ensure the benefits of these actions are preserved.

The reduction of releases from Lake Powell from 7.48 maf to 7.00 maf in water year 2022 will result in a reduced release volume of 0.480 maf that normally would have been released from Glen Canyon Dam to Lake Mead as part of the 7.48 maf annual release volume, consistent with routine operations under the 2007 Interim Guidelines. The reduction of releases from Glen Canyon Dam in water year 2022 (resulting in increased storage in Lake Powell) will not affect future operating determinations and will be accounted for “as if” this volume of water had been delivered to Lake Mead. The August 2022 24-Month Studies modeled 2023 and 2024 operations at Lakes Powell and Mead as if the 0.480 maf had been delivered to Lake Mead for operating tier/condition purposes both for the U.S. Lower Basin and for Mexico.

The water year 2023 unregulated inflow into Lake Powell in the Probable Minimum inflow scenario is 4.70 maf, or 49% of average. The August Probable Minimum 24-Month Study includes a release volume from Glen Canyon Dam of 7.00 maf in water year 2022 and 7.00 maf in water year 2023. Under the Probable Minimum scenario, Lake Powell’s physical elevation is projected to be 3,484.06 feet on December 31, 2023. With intervening flows between Lake Powell and Lake Mead of 0.634 maf in calendar year 2023, Lake Mead’s physical elevation is projected to be 1,010.95 feet on December 31, 2023.

<sup>1</sup> For more information: <https://www.usbr.gov/uc/DocLibrarv/Plans/20220503-2022DROA-GlenCanyonDamOperationsDecisionLetter-508-DOI.pdf>

<sup>2</sup> For more information: <https://www.usbr.gov/uc/DocLibrarv/Plans/20220429-2022DroughtResponseOperationsPlan-ApprovalMemo-508-DOI.pdf>

The 2022 AOP is available online at:

<https://www.usbr.gov/lc/region/g4000/aop/AOP22.pdf>.

The Interim Guidelines are available online at:

<https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf>.

The Colorado River DCPs are available online at:

<https://www.usbr.gov/dcp/finaldocs.html>.

The 2021 Lower Basin MOU is available online at:

[https://www.usbr.gov/lc/region/g4000/2021\\_MOU.pdf](https://www.usbr.gov/lc/region/g4000/2021_MOU.pdf).

The Upper Basin Drought Response Operations Agreement is online at:

<https://www.usbr.gov/dcp/droa.html>.

The Upper Basin Hydrology Summary is available online at:

[https://www.usbr.gov/lc/water/crsp/studies/24Month\\_08\\_ucb.pdf](https://www.usbr.gov/lc/water/crsp/studies/24Month_08_ucb.pdf).

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## August 2022 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 2021	35	2	41	0	41	6493.52	242
H	Sep 2021	26	2	36	0	36	6491.82	230
	<b>WY 2021</b>	<b>561</b>	<b>14</b>	<b>471</b>	<b>94</b>	<b>566</b>		
I	Oct 2021	37	1	33	4	37	6491.62	229
S	Nov 2021	39	1	43	0	43	6491.01	225
T	Dec 2021	29	1	50	0	50	6487.63	203
O	Jan 2022	29	1	51	0	51	6483.90	180
R	Feb 2022	23	1	46	0	46	6479.63	157
I	Mar 2022	46	1	50	0	50	6478.63	151
C	Apr 2022	50	1	5	44	49	6478.74	152
A	May 2022	63	1	47	8	55	6479.96	158
L	Jun 2022	241	2	82	0	82	6503.59	315
*	Jul 2022	102	3	83	11	93	6504.34	321
	Aug 2022	43	2	63	0	63	6501.44	309
	Sep 2022	35	2	49	0	49	6499.38	294
	<b>WY 2022</b>	<b>736</b>	<b>15</b>	<b>602</b>	<b>66</b>	<b>669</b>		
	Oct 2022	36	1	50	0	50	6497.27	278
	Nov 2022	18	1	49	0	49	6492.83	246
	Dec 2022	15	1	50	0	50	6487.44	210
	Jan 2023	14	1	50	0	50	6481.30	173
	Feb 2023	13	1	46	0	46	6474.87	140
	Mar 2023	22	0	46	0	46	6469.39	116
	Apr 2023	34	1	27	0	27	6470.95	122
	May 2023	68	1	28	0	28	6479.13	162
	Jun 2023	144	2	36	0	36	6495.89	268
	Jul 2023	86	3	54	0	54	6499.92	298
	Aug 2023	31	2	54	0	54	6496.54	273
	Sep 2023	21	2	52	0	52	6491.89	240
	<b>WY 2023</b>	<b>502</b>	<b>14</b>	<b>541</b>	<b>0</b>	<b>541</b>		
	Oct 2023	31	1	54	0	54	6488.32	216
	Nov 2023	36	1	52	0	52	6485.69	199
	Dec 2023	32	1	54	0	54	6481.93	177
	Jan 2024	29	1	54	0	54	6477.19	152
	Feb 2024	27	0	50	0	50	6472.16	128
	Mar 2024	43	0	56	0	56	6469.09	115
	Apr 2024	65	1	34	25	60	6470.26	119
	May 2024	116	1	66	0	66	6480.43	168
	Jun 2024	201	2	71	0	71	6499.70	296
	Jul 2024	90	3	61	0	61	6503.08	322

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## August 2022 24-Month Study

Minimum Probable Inflow\*

### Flaming Gorge Reservoir



— BUREAU OF —  
RECLAMATION

	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 2021	44	50	12	98	0	98	121	6021.02	3016	111
H	Sep 2021	27	37	10	96	0	96	119	6019.15	2950	107
	<b>WY 2021</b>	<b>650</b>	<b>657</b>	<b>77</b>	<b>835</b>	<b>0</b>	<b>835</b>				<b>1430</b>
I	Oct 2021	49	50	7	77	0	77	117	6018.23	2918	107
S	Nov 2021	47	49	3	51	0	51	117	6018.09	2913	87
T	Dec 2021	21	41	2	52	0	52	117	6017.72	2900	82
O	Jan 2022	33	55	2	52	0	52	117	6017.75	2901	80
R	Feb 2022	30	54	2	47	0	47	117	6017.87	2905	70
I	Mar 2022	74	83	3	52	0	52	118	6018.65	2932	111
C	Apr 2022	66	62	5	51	0	51	118	6018.81	2938	179
A	May 2022	88	88	7	139	48	187	114	6015.77	2769	570
L	Jun 2022	274	113	9	110	12	121	113	6015.25	2752	465
*	Jul 2022	125	110	11	79	0	79	106	6016.09	2780	137
	Aug 2022	47	67	11	113	0	113	104	6014.43	2726	123
	Sep 2022	37	51	9	110	0	110	101	6012.39	2660	120
	<b>WY 2022</b>	<b>891</b>	<b>823</b>	<b>70</b>	<b>934</b>	<b>60</b>	<b>993</b>				<b>2132</b>
	Oct 2022	44	58	6	99	0	99	99	6010.97	2615	123
	Nov 2022	24	55	3	95	0	95	98	6009.65	2573	110
	Dec 2022	16	51	1	89	0	89	96	6008.44	2535	102
	Jan 2023	18	54	1	92	0	92	95	6007.22	2498	104
	Feb 2023	20	53	2	83	0	83	93	6006.19	2466	95
	Mar 2023	48	72	2	86	0	86	93	6005.67	2451	118
	Apr 2023	59	52	4	80	0	80	92	6004.66	2420	196
	May 2023	101	61	6	141	0	141	88	6001.89	2338	435
	Jun 2023	197	89	8	51	0	51	89	6002.87	2367	277
	Jul 2023	110	78	10	52	0	52	90	6003.36	2381	89
	Aug 2023	38	61	10	52	0	52	90	6003.33	2380	60
	Sep 2023	26	57	9	51	0	51	90	6003.26	2378	59
	<b>WY 2023</b>	<b>701</b>	<b>740</b>	<b>62</b>	<b>971</b>	<b>0</b>	<b>971</b>				<b>1768</b>
	Oct 2023	38	61	6	52	0	52	90	6003.36	2381	71
	Nov 2023	42	58	3	51	0	51	90	6003.51	2386	77
	Dec 2023	33	55	1	52	0	52	90	6003.55	2387	77
	Jan 2024	40	65	1	52	0	52	91	6003.91	2398	77
	Feb 2024	42	65	2	49	0	49	91	6004.39	2412	74
	Mar 2024	68	81	2	52	0	52	92	6005.22	2437	117
	Apr 2024	91	86	4	51	0	51	93	6006.21	2467	216
	May 2024	165	115	6	131	0	131	93	6005.49	2445	543
	Jun 2024	249	119	8	60	0	60	94	6007.11	2495	286
	Jul 2024	92	63	11	52	0	52	94	6007.13	2495	68

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## August 2022 24-Month Study

Minimum Probable Inflow\*

Taylor Park Reservoir



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	Regulated Inflow	Total Release	Reservoir Elev End of Month	Live Storage
Date	(1000 Ac-Ft)	(1000 Ac-Ft)	(Ft)	(1000 Ac-Ft)
* Aug 2021	7	15	9306.36	64
H Sep 2021	4	10	9302.48	59
<b>WY 2021</b>	<b>92</b>	<b>102</b>		
I Oct 2021	5	5	9302.69	59
S Nov 2021	4	4	9302.58	59
T Dec 2021	5	5	9302.55	59
O Jan 2022	4	4	9302.29	58
R Feb 2022	3	4	9301.88	58
I Mar 2022	4	4	9301.56	57
C Apr 2022	8	6	9302.92	59
A May 2022	27	12	9312.55	74
L Jun 2022	26	19	9316.61	81
* Jul 2022	11	15	9314.18	77
Aug 2022	7	13	9310.29	70
Sep 2022	6	8	9309.26	69
<b>WY 2022</b>	<b>109</b>	<b>99</b>		
Oct 2022	6	6	9309.46	69
Nov 2022	4	5	9308.79	68
Dec 2022	4	5	9307.99	67
Jan 2023	3	5	9306.54	65
Feb 2023	3	5	9305.34	63
Mar 2023	3	5	9303.84	61
Apr 2023	6	5	9304.53	62
May 2023	19	11	9309.78	70
Jun 2023	30	15	9318.67	85
Jul 2023	12	18	9315.24	79
Aug 2023	7	15	9310.40	71
Sep 2023	5	15	9303.84	61
<b>WY 2023</b>	<b>102</b>	<b>110</b>		
Oct 2023	6	6	9303.84	61
Nov 2023	5	4	9304.22	61
Dec 2023	4	5	9303.81	60
Jan 2024	4	5	9303.39	60
Feb 2024	4	4	9303.28	60
Mar 2024	4	5	9302.86	59
Apr 2024	8	4	9305.61	63
May 2024	23	9	9314.42	77
Jun 2024	28	15	9321.74	90
Jul 2024	9	18	9316.74	81

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## August 2022 24-Month Study

Minimum Probable Inflow\*

### Blue Mesa Reservoir



— BUREAU OF —  
RECLAMATION

	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 2021	45	53	1	93	0	93	7450.20	310
H	Sep 2021	19	25	1	94	0	94	7436.58	241
	<b>WY 2021</b>	<b>518</b>	<b>528</b>	<b>6</b>	<b>713</b>	<b>2</b>	<b>715</b>		
I	Oct 2021	27	26	0	58	0	58	7429.52	209
S	Nov 2021	27	27	0	16	0	16	7431.94	220
T	Dec 2021	22	22	0	11	0	11	7434.40	231
O	Jan 2022	20	20	0	14	0	14	7435.80	236
R	Feb 2022	18	19	0	14	0	14	7436.57	241
I	Mar 2022	30	30	0	32	0	32	7436.17	239
C	Apr 2022	62	60	0	44	0	46	7438.94	252
A	May 2022	177	162	1	79	0	79	7454.56	335
L	Jun 2022	133	126	1	69	0	69	7463.76	391
*	Jul 2022	59	63	1	84	0	84	7460.15	368
	Aug 2022	38	44	1	86	0	86	7452.95	326
	Sep 2022	28	30	1	37	42	79	7443.57	275
	<b>WY 2022</b>	<b>639</b>	<b>629</b>	<b>6</b>	<b>545</b>	<b>42</b>	<b>589</b>		
	Oct 2022	29	29	0	0	78	78	7433.21	225
	Nov 2022	15	16	0	0	16	16	7433.18	225
	Dec 2022	12	13	0	16	0	16	7432.81	223
	Jan 2023	12	14	0	17	0	17	7432.03	220
	Feb 2023	10	12	0	14	0	14	7431.56	218
	Mar 2023	16	18	0	19	0	19	7431.44	217
	Apr 2023	34	33	0	57	0	57	7425.84	193
	May 2023	114	106	1	58	0	58	7436.40	240
	Jun 2023	146	131	1	48	0	48	7452.40	323
	Jul 2023	54	60	1	75	0	75	7449.48	306
	Aug 2023	30	38	1	82	0	82	7440.83	262
	Sep 2023	19	29	1	77	0	77	7430.34	213
	<b>WY 2023</b>	<b>491</b>	<b>499</b>	<b>5</b>	<b>463</b>	<b>94</b>	<b>557</b>		
	Oct 2023	25	25	0	73	0	73	7418.80	165
	Nov 2023	25	24	0	14	0	14	7421.42	175
	Dec 2023	25	26	0	14	0	14	7424.32	187
	Jan 2024	24	25	0	14	0	14	7426.89	198
	Feb 2024	23	23	0	13	0	13	7429.11	207
	Mar 2024	35	36	0	18	0	18	7433.11	225
	Apr 2024	64	60	0	32	0	32	7439.03	253
	May 2024	159	145	1	52	0	52	7456.28	345
	Jun 2024	165	152	1	61	0	61	7470.43	434
	Jul 2024	53	62	1	85	0	85	7466.75	410

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## August 2022 24-Month Study

Minimum Probable Inflow\*

### Morrow Point Reservoir



— BUREAU OF —  
RECLAMATION

	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 2021	46	93	1	93	94	0	94	7150.92	110
H	Sep 2021	19	94	0	94	93	0	93	7152.50	111
	<b>WY 2021</b>	<b>539</b>	<b>715</b>	<b>21</b>	<b>736</b>	<b>734</b>	<b>0</b>	<b>734</b>		
I	Oct 2021	27	58	1	59	61	0	61	7149.67	109
S	Nov 2021	30	16	3	19	17	0	17	7151.77	110
T	Dec 2021	23	11	1	12	16	0	16	7145.62	106
O	Jan 2022	21	14	1	15	16	0	16	7144.25	105
R	Feb 2022	19	14	1	15	14	0	14	7145.30	105
I	Mar 2022	31	32	2	33	30	0	30	7149.87	109
C	Apr 2022	65	46	3	50	47	0	47	7153.31	112
A	May 2022	186	79	9	88	89	0	89	7152.08	111
L	Jun 2022	134	69	1	70	71	0	71	7150.86	110
*	Jul 2022	60	84	1	85	84	0	84	7152.31	111
	Aug 2022	40	86	2	88	87	0	87	7153.73	112
	Sep 2022	29	79	1	80	80	0	80	7153.73	112
	<b>WY 2022</b>	<b>664</b>	<b>589</b>	<b>25</b>	<b>614</b>	<b>612</b>	<b>0</b>	<b>612</b>		
	Oct 2022	31	78	2	80	80	0	80	7153.73	112
	Nov 2022	16	16	1	17	17	0	17	7153.73	112
	Dec 2022	13	16	1	17	17	0	17	7153.73	112
	Jan 2023	13	17	1	18	18	0	18	7153.73	112
	Feb 2023	12	14	2	16	16	0	16	7153.73	112
	Mar 2023	18	19	2	21	20	0	20	7153.73	112
	Apr 2023	39	57	5	62	62	0	62	7153.73	112
	May 2023	125	58	11	69	69	0	69	7153.73	112
	Jun 2023	157	48	11	59	59	0	59	7153.72	112
	Jul 2023	56	75	2	77	77	0	77	7153.73	112
	Aug 2023	31	82	1	83	83	0	83	7153.73	112
	Sep 2023	20	77	1	78	78	0	78	7153.73	112
	<b>WY 2023</b>	<b>531</b>	<b>557</b>	<b>40</b>	<b>597</b>	<b>596</b>	<b>0</b>	<b>596</b>		
	Oct 2023	26	73	1	74	74	0	74	7153.73	112
	Nov 2023	27	14	2	16	16	0	16	7153.73	112
	Dec 2023	27	14	2	16	16	0	16	7153.73	112
	Jan 2024	26	14	2	16	16	0	16	7153.73	112
	Feb 2024	25	13	2	15	15	0	15	7153.73	112
	Mar 2024	37	18	2	20	19	0	19	7153.73	112
	Apr 2024	72	32	8	40	40	0	40	7153.73	112
	May 2024	176	52	17	69	69	0	69	7153.73	112
	Jun 2024	173	61	8	69	69	0	69	7153.72	112
	Jul 2024	54	85	1	86	86	0	86	7153.73	112

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## August 2022 24-Month Study

Minimum Probable Inflow\*

### Crystal Reservoir



— BUREAU OF —  
RECLAMATION

	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 2021	52	94	8	100	100	0	100	6751.89	17	65	38
H	Sep 2021	23	93	3	96	95	0	96	6752.92	17	61	36
	<b>WY 2021</b>	<b>591</b>	<b>734</b>	<b>52</b>	<b>785</b>	<b>762</b>	<b>22</b>	<b>784</b>			<b>423</b>	<b>365</b>
I	Oct 2021	32	61	5	66	34	32	66	6752.35	17	41	24
S	Nov 2021	34	17	4	21	22	0	22	6749.65	16	1	19
T	Dec 2021	27	16	4	21	20	0	21	6750.09	16	1	19
O	Jan 2022	25	16	4	21	20	0	21	6750.38	16	1	18
R	Feb 2022	22	14	3	17	18	0	18	6748.37	15	0	17
I	Mar 2022	36	30	4	34	32	1	32	6752.56	17	6	25
C	Apr 2022	73	47	8	54	54	1	54	6752.33	17	31	24
A	May 2022	203	89	17	105	92	13	106	6751.40	16	59	48
L	Jun 2022	145	71	10	82	80	2	81	6752.67	17	62	21
*	Jul 2022	64	84	4	88	89	0	90	6747.68	15	65	28
	Aug 2022	43	87	3	90	88	0	88	6753.04	17	65	23
	Sep 2022	32	80	3	83	83	0	83	6753.04	17	55	28
	<b>WY 2022</b>	<b>735</b>	<b>612</b>	<b>70</b>	<b>683</b>	<b>633</b>	<b>50</b>	<b>682</b>			<b>385</b>	<b>294</b>
	Oct 2022	34	80	3	83	83	0	83	6753.04	17	55	28
	Nov 2022	18	17	2	19	19	0	19	6753.04	17	0	19
	Dec 2022	16	17	3	20	20	0	20	6753.04	17	0	20
	Jan 2023	15	18	2	20	20	0	20	6753.04	17	0	20
	Feb 2023	14	16	2	18	18	0	18	6753.04	17	0	18
	Mar 2023	22	20	4	24	24	0	24	6753.04	17	5	19
	Apr 2023	45	62	6	68	68	0	68	6753.04	17	42	26
	May 2023	144	69	19	88	88	0	88	6753.04	17	62	26
	Jun 2023	179	59	22	81	81	0	81	6753.03	17	40	41
	Jul 2023	62	77	6	83	83	0	83	6753.04	17	30	53
	Aug 2023	34	83	3	86	86	0	86	6753.04	17	40	46
	Sep 2023	22	78	2	80	80	0	80	6753.04	17	55	25
	<b>WY 2023</b>	<b>605</b>	<b>596</b>	<b>74</b>	<b>670</b>	<b>670</b>	<b>0</b>	<b>670</b>			<b>329</b>	<b>341</b>
	Oct 2023	29	74	3	77	77	0	77	6753.04	17	55	22
	Nov 2023	30	16	3	19	19	0	19	6753.04	17	0	19
	Dec 2023	31	16	4	20	20	0	20	6753.04	17	0	20
	Jan 2024	30	16	4	20	20	0	20	6753.04	17	0	20
	Feb 2024	28	15	3	18	18	0	18	6753.04	17	0	18
	Mar 2024	42	19	5	24	24	0	24	6753.04	17	5	19
	Apr 2024	82	40	10	50	50	0	50	6753.04	17	42	8
	May 2024	195	69	19	88	88	0	88	6753.04	17	62	26
	Jun 2024	190	69	17	86	86	0	86	6753.03	17	40	46
	Jul 2024	57	86	3	89	89	0	89	6753.04	17	30	59

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## August 2022 24-Month Study

Minimum Probable Inflow\*

### Vallecito Reservoir



— BUREAU OF —  
RECLAMATION

	Regulated Inflow	Total Release	Reservoir Elev End of Month	Live Storage
Date	(1000 Ac-Ft)	(1000 Ac-Ft)	(Ft)	(1000 Ac-Ft)
* Aug 2021	13	34	7628.72	43
H Sep 2021	7	26	7615.74	24
<b>WY 2021</b>	<b>166</b>	<b>169</b>		
I Oct 2021	8	3	7619.62	29
S Nov 2021	5	2	7621.90	32
T Dec 2021	4	0	7624.23	35
O Jan 2022	4	0	7626.39	39
R Feb 2022	3	0	7628.13	42
I Mar 2022	7	0	7631.90	48
C Apr 2022	27	2	7644.01	73
A May 2022	53	33	7652.10	92
L Jun 2022	26	34	7648.50	83
* Jul 2022	19	32	7642.57	70
Aug 2022	13	37	7630.64	46
Sep 2022	10	30	7617.65	26
<b>WY 2022</b>	<b>178</b>	<b>173</b>		
Oct 2022	10	17	7611.29	19
Nov 2022	4	2	7613.29	21
Dec 2022	3	2	7614.29	22
Jan 2023	3	2	7615.26	23
Feb 2023	3	2	7616.33	25
Mar 2023	4	2	7617.99	27
Apr 2023	12	2	7625.09	37
May 2023	41	23	7634.82	54
Jun 2023	43	32	7639.98	64
Jul 2023	12	31	7629.89	45
Aug 2023	8	29	7615.67	24
Sep 2023	7	22	7598.90	9
<b>WY 2023</b>	<b>150</b>	<b>166</b>		
Oct 2023	8	12	7591.90	4
Nov 2023	6	2	7598.96	9
Dec 2023	6	2	7604.54	13
Jan 2024	6	2	7609.18	17
Feb 2024	5	2	7612.33	20
Mar 2024	8	2	7617.54	26
Apr 2024	19	2	7628.96	43
May 2024	56	31	7641.44	68
Jun 2024	40	43	7639.96	64
Jul 2024	13	41	7624.32	36

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## August 2022 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)	Famington Flow (1000 Ac-Ft)
*	Aug 2021	5	1	24	3	39	41	6030.18	1010	48
H	Sep 2021	-3	0	16	2	25	48	6024.10	951	49
	<b>WY 2021</b>	<b>461</b>	<b>60</b>	<b>405</b>	<b>23</b>	<b>222</b>	<b>359</b>			<b>549</b>
I	Oct 2021	20	0	16	1	2	28	6022.31	887	45
S	Nov 2021	14	0	10	1	0	18	6021.39	879	36
T	Dec 2021	15	0	11	0	0	18	6020.63	872	35
O	Jan 2022	14	0	10	0	0	22	6019.21	859	38
R	Feb 2022	14	0	11	1	1	20	6018.00	848	33
I	Mar 2022	41	2	32	1	4	22	6018.57	853	38
C	Apr 2022	123	17	84	2	17	20	6023.53	898	44
A	May 2022	167	30	114	3	38	18	6029.39	954	104
L	Jun 2022	47	7	50	3	37	24	6027.89	939	61
*	Jul 2022	44	5	54	3	39	35	6025.41	916	55
	Aug 2022	32	1	54	3	47	45	6021.01	875	67
	Sep 2022	30	0	50	2	29	44	6018.26	851	62
	<b>WY 2022</b>	<b>561</b>	<b>62</b>	<b>496</b>	<b>20</b>	<b>214</b>	<b>315</b>			<b>619</b>
	Oct 2022	29	0	36	1	9	34	6017.34	843	51
	Nov 2022	13	0	11	1	0	23	6015.83	830	31
	Dec 2022	11	0	10	0	0	21	6014.48	818	28
	Jan 2023	10	0	9	0	0	23	6012.78	804	29
	Feb 2023	12	0	11	1	0	18	6011.85	796	23
	Mar 2023	31	4	25	1	5	20	6011.72	795	29
	Apr 2023	66	8	48	2	21	22	6012.20	799	45
	May 2023	121	16	88	2	35	15	6016.30	834	90
	Jun 2023	98	7	80	3	51	24	6016.48	835	108
	Jul 2023	15	0	34	3	56	56	6006.84	755	86
	Aug 2023	12	0	33	2	39	49	5999.60	698	66
	Sep 2023	13	0	28	2	18	41	5995.19	664	54
	<b>WY 2023</b>	<b>431</b>	<b>35</b>	<b>412</b>	<b>18</b>	<b>235</b>	<b>346</b>			<b>640</b>
	Oct 2023	21	2	24	1	9	22	5993.99	655	37
	Nov 2023	24	1	19	1	0	17	5994.16	656	31
	Dec 2023	24	0	20	0	0	16	5994.57	660	30
	Jan 2024	24	0	20	0	0	19	5994.60	660	32
	Feb 2024	27	1	23	0	0	15	5995.59	667	27
	Mar 2024	74	10	58	1	6	16	6000.26	703	34
	Apr 2024	110	18	74	2	21	18	6004.58	737	58
	May 2024	190	34	131	2	36	18	6013.68	811	130
	Jun 2024	102	25	80	3	52	18	6014.60	819	117
	Jul 2024	9	2	35	3	55	27	6008.60	769	57

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## August 2022 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 2021	292	452	35	801	0	801	3548.96	4655	7511	785
H	Sep 2021	159	380	31	622	0	622	3545.36	4634	7258	625
	<b>WY 2021</b>	<b>3502</b>	<b>4064</b>	<b>277</b>	<b>8229</b>	<b>0</b>	<b>8229</b>				<b>8279</b>
I	Oct 2021	317	419	21	481	0	481	3544.25	4628	7181	489
S	Nov 2021	346	342	20	500	0	500	3541.84	4615	7016	496
T	Dec 2021	266	290	16	600	0	600	3537.33	4591	6713	599
O	Jan 2022	249	269	4	673	0	673	3531.52	4561	6335	681
R	Feb 2022	215	235	4	540	0	540	3526.97	4538	6048	556
I	Mar 2022	329	327	7	574	0	574	3523.13	4519	5812	584
C	Apr 2022	594	490	12	502	0	502	3522.77	4517	5791	513
A	May 2022	1382	1212	14	598	0	598	3531.69	4561	6346	607
L	Jun 2022	1284	1198	25	598	0	598	3539.81	4604	6878	607
*	Jul 2022	491	463	28	672	0	672	3536.20	4551	6212	690
	Aug 2022	250	423	27	717	0	717	3531.30	4527	5915	731
	Sep 2022	240	407	24	544	0	544	3528.77	4515	5765	558
	<b>WY 2022</b>	<b>5961</b>	<b>6073</b>	<b>203</b>	<b>7000</b>	<b>0</b>	<b>7000</b>				<b>7111</b>
	Oct 2022	350	469	17	480	0	480	3528.34	4513	5739	492
	Nov 2022	205	287	16	500	0	500	3524.69	4496	5527	512
	Dec 2022	164	251	12	600	0	600	3518.75	4469	5192	613
	Jan 2023	150	242	3	664	0	664	3511.47	4438	4798	682
	Feb 2023	150	223	3	587	0	587	3504.88	4410	4458	601
	Mar 2023	249	287	5	620	0	620	3498.56	4385	4146	631
	Apr 2023	399	427	8	552	0	552	3495.99	4375	4022	561
	May 2023	985	914	9	550	0	550	3502.74	4402	4351	554
	Jun 2023	1258	998	16	577	0	577	3510.08	4432	4725	574
	Jul 2023	435	495	21	652	0	652	3506.90	4419	4561	655
	Aug 2023	178	320	20	696	0	696	3499.56	4389	4194	710
	Sep 2023	175	305	18	522	0	522	3495.03	4372	3977	535
	<b>WY 2023</b>	<b>4698</b>	<b>5217</b>	<b>148</b>	<b>7000</b>	<b>0</b>	<b>7000</b>				<b>7120</b>
	Oct 2023	288	362	12	480	0	480	3492.47	4362	3857	491
	Nov 2023	371	363	12	500	0	500	3489.47	4351	3719	511
	Dec 2023	347	347	9	469	131	600	3484.06	4332	3477	613
	Jan 2024	333	330	2	0	664	664	3476.84	4307	3166	682
	Feb 2024	378	364	2	0	587	587	3471.81	4290	2957	601
	Mar 2024	564	488	3	0	619	619	3468.74	4280	2833	635
	Apr 2024	716	591	5	0	553	553	3469.47	4283	2863	563
	May 2024	1552	1309	7	0	550	550	3485.94	4338	3560	556
	Jun 2024	1570	1269	14	577	0	577	3499.42	4389	4188	582
	Jul 2024	298	366	18	652	0	652	3493.53	4366	3906	657

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## August 2022 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 2021	801	89	67	766	12.5	31	766	587	1067.96	9038
H	Sep 2021	622	50	55	616	10.4	24	614	586	1067.68	9016
	<b>WY 2021</b>	<b>8229</b>	<b>557</b>	<b>529</b>	<b>9361</b>		<b>241</b>	<b>9360</b>			
I	Oct 2021	481	80	51	581	9.4	16	586	581	1066.77	8945
S	Nov 2021	500	42	44	642	10.8	10	650	572	1064.97	8804
T	Dec 2021	600	64	36	503	8.2	10	511	579	1066.39	8915
O	Jan 2022	673	60	25	640	10.4	11	639	583	1067.09	8970
R	Feb 2022	540	58	23	590	10.6	10	590	581	1066.78	8946
I	Mar 2022	574	41	25	1010	16.4	17	1009	555	1061.49	8536
C	Apr 2022	502	30	33	1027	17.3	17	1026	522	1054.69	8026
A	May 2022	598	8	40	1083	17.6	25	1075	489	1047.69	7517
L	Jun 2022	598	16	47	889	14.9	29	877	467	1043.02	7167
*	Jul 2022	672	73	45	822	13.4	34	814	458	1040.92	7041
	Aug 2022	717	73	48	630	10.2	35	630	462	1041.95	7112
	Sep 2022	544	70	47	634	10.7	27	634	457	1040.67	7024
	<b>WY 2022</b>	<b>7000</b>	<b>617</b>	<b>462</b>	<b>9051</b>		<b>242</b>	<b>9040</b>			
	Oct 2022	480	62	44	507	8.3	20	507	455	1040.27	6996
	Nov 2022	500	61	39	614	10.3	9	614	449	1038.89	6902
	Dec 2022	600	66	32	531	8.6	4	531	455	1040.25	6995
	Jan 2023	664	94	22	607	9.9	11	607	462	1041.86	7107
	Feb 2023	587	73	20	552	9.9	8	552	467	1042.95	7182
	Mar 2023	620	59	22	886	14.4	15	886	452	1039.65	6954
	Apr 2023	552	50	29	997	16.8	17	997	425	1033.52	6539
	May 2023	550	21	36	979	15.9	21	979	397	1026.88	6102
	Jun 2023	577	-13	43	918	15.4	29	918	371	1020.60	5702
	Jul 2023	652	17	40	831	13.5	33	831	356	1017.05	5481
	Aug 2023	696	73	43	801	13.0	35	801	350	1015.35	5377
	Sep 2023	522	70	41	695	11.7	31	695	339	1012.63	5212
	<b>WY 2023</b>	<b>7000</b>	<b>633</b>	<b>410</b>	<b>8919</b>		<b>233</b>	<b>8919</b>			
	Oct 2023	480	60	39	530	8.6	26	530	335	1011.79	5161
	Nov 2023	500	60	34	653	11.0	14	653	327	1009.58	5030
	Dec 2023	600	70	27	546	8.9	9	546	332	1010.95	5111
	Jan 2024	664	92	19	549	8.9	11	549	343	1013.71	5277
	Feb 2024	587	74	18	497	8.6	8	497	351	1015.85	5408
	Mar 2024	619	86	19	830	13.5	15	830	342	1013.38	5257
	Apr 2024	553	53	26	941	15.8	17	941	319	1007.42	4902
	May 2024	550	29	31	927	15.1	21	927	294	1000.90	4526
	Jun 2024	577	25	37	879	14.8	30	879	273	995.11	4203
	Jul 2024	652	29	35	792	12.9	34	792	262	992.00	4034

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## August 2022 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 2021	766	-6	23	731	0	731	11.9	643.54	1713
H	Sep 2021	616	9	18	756	0	756	12.7	638.04	1565
	<b>WY 2021</b>	<b>9361</b>	<b>-82</b>	<b>198</b>	<b>9040</b>	<b>0</b>	<b>9040</b>			
I	Oct 2021	581	-3	14	658	0	658	10.7	634.42	1471
S	Nov 2021	642	-9	13	543	0	543	9.1	637.48	1551
T	Dec 2021	503	-6	13	465	0	465	7.6	638.32	1573
O	Jan 2022	640	-20	9	523	0	523	8.5	641.80	1661
R	Feb 2022	590	-26	8	555	0	555	10.0	641.89	1663
I	Mar 2022	1010	-38	10	931	0	931	15.1	642.79	1693
C	Apr 2022	1027	-31	13	975	0	975	16.4	643.08	1701
A	May 2022	1083	-20	14	1041	0	1041	16.9	643.35	1708
L	Jun 2022	889	-30	14	842	0	842	14.1	643.47	1712
*	Jul 2022	822	-26	12	770	0	770	12.5	643.97	1725
	Aug 2022	630	-17	16	645	0	645	10.5	642.25	1678
	Sep 2022	634	-8	16	698	0	698	11.7	639.01	1591
	<b>WY 2022</b>	<b>9051</b>	<b>-233</b>	<b>151</b>	<b>8646</b>	<b>0</b>	<b>8646</b>			
	Oct 2022	507	-11	14	639	0	639	10.4	633.00	1434
	Nov 2022	614	-16	13	534	0	534	9.0	635.00	1486
	Dec 2022	531	-5	13	395	0	395	6.4	639.51	1604
	Jan 2023	607	-12	9	525	0	525	8.5	641.80	1666
	Feb 2023	552	-11	8	533	0	533	9.6	641.80	1666
	Mar 2023	886	-9	10	833	0	833	13.5	643.05	1700
	Apr 2023	997	-13	13	973	0	973	16.4	643.00	1699
	May 2023	979	-13	14	951	0	951	15.5	643.00	1699
	Jun 2023	918	-18	14	886	0	886	14.9	643.00	1699
	Jul 2023	831	-19	12	826	0	826	13.4	642.00	1671
	Aug 2023	801	-17	15	769	0	769	12.5	642.00	1671
	Sep 2023	695	-8	16	725	0	725	12.2	640.01	1617
	<b>WY 2023</b>	<b>8919</b>	<b>-151</b>	<b>151</b>	<b>8589</b>	<b>0</b>	<b>8589</b>			
	Oct 2023	530	-11	14	688	0	688	11.2	633.00	1434
	Nov 2023	653	-16	13	572	0	572	9.6	635.00	1486
	Dec 2023	546	-5	13	410	0	410	6.7	639.51	1604
	Jan 2024	549	-12	9	467	0	467	7.6	641.80	1666
	Feb 2024	497	-11	8	479	0	479	8.3	641.80	1666
	Mar 2024	830	-9	10	777	0	777	12.6	643.05	1700
	Apr 2024	941	-13	13	917	0	917	15.4	643.00	1699
	May 2024	927	-13	14	900	0	900	14.6	643.00	1699
	Jun 2024	879	-18	14	846	0	846	14.2	643.00	1699
	Jul 2024	792	-19	12	787	0	787	12.8	642.00	1671

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## August 2022 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 2021	731	16	17	586	9.5	100	48	447.51	571	121	2.0
H	Sep 2021	756	5	15	516	8.7	97	106	448.49	590	116	1.9
	<b>WY 2021</b>	<b>9040</b>	<b>116</b>	<b>140</b>	<b>6393</b>		<b>1065</b>	<b>1441</b>			<b>1519</b>	
I	Oct 2021	658	18	12	421	6.8	99	139	448.37	587	67	1.1
S	Nov 2021	543	13	9	348	5.8	96	124	447.05	562	92	1.5
T	Dec 2021	465	16	7	281	4.6	99	87	447.33	567	89	1.5
O	Jan 2022	523	-3	6	342	5.6	96	89	446.38	550	114	1.9
R	Feb 2022	555	11	8	445	8.0	4	103	446.44	551	127	2.3
I	Mar 2022	931	2	9	658	10.7	97	133	448.02	580	170	2.8
C	Apr 2022	975	6	11	737	12.4	100	141	447.11	563	161	2.7
A	May 2022	1041	8	13	741	12.0	106	150	448.68	593	145	2.4
L	Jun 2022	842	18	15	679	11.4	103	60	448.31	586	154	2.6
*	Jul 2022	770	32	17	639	10.4	106	19	448.84	596	150	2.4
	Aug 2022	645	13	17	534	8.7	107	15	447.50	571	113	1.8
	Sep 2022	698	12	15	518	8.7	97	71	447.50	571	103	1.7
	<b>WY 2022</b>	<b>8646</b>	<b>146</b>	<b>140</b>	<b>6344</b>		<b>1112</b>	<b>1129</b>			<b>1487</b>	
	Oct 2022	639	18	12	442	7.2	107	89	447.50	570	62	1.0
	Nov 2022	534	17	9	375	6.3	97	65	447.50	571	91	1.5
	Dec 2022	395	18	7	259	4.2	100	62	446.50	552	86	1.4
	Jan 2023	525	14	6	310	5.0	103	115	446.50	552	136	2.2
	Feb 2023	533	5	8	401	7.2	22	101	446.50	552	122	2.2
	Mar 2023	833	4	9	609	9.9	103	104	446.70	555	145	2.4
	Apr 2023	973	8	11	715	12.0	100	108	448.70	593	144	2.4
	May 2023	951	6	13	722	11.7	103	108	448.70	593	108	1.8
	Jun 2023	886	7	16	719	12.1	100	45	448.70	593	114	1.9
	Jul 2023	826	14	17	684	11.1	103	37	448.00	580	120	2.0
	Aug 2023	769	13	17	624	10.2	103	36	447.50	571	100	1.6
	Sep 2023	725	12	15	524	8.8	100	88	447.50	570	97	1.6
	<b>WY 2023</b>	<b>8589</b>	<b>135</b>	<b>139</b>	<b>6384</b>		<b>1138</b>	<b>957</b>			<b>1325</b>	
	Oct 2023	688	18	12	482	7.8	103	102	447.50	571	87	1.4
	Nov 2023	572	17	9	372	6.2	100	103	447.50	570	113	1.9
	Dec 2023	410	18	7	260	4.2	103	73	446.50	552	108	1.8
	Jan 2024	467	14	6	292	4.7	85	93	446.50	552	119	1.9
	Feb 2024	479	5	8	385	6.7	2	82	446.50	552	107	1.9
	Mar 2024	777	4	9	590	9.6	85	84	446.70	555	127	2.1
	Apr 2024	917	8	11	697	11.7	82	87	448.70	593	126	2.1
	May 2024	900	6	13	709	11.5	85	87	448.70	593	95	1.5
	Jun 2024	846	7	16	705	11.8	82	37	448.70	593	100	1.7
	Jul 2024	787	14	17	669	10.9	85	31	448.00	580	106	1.7

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## August 2022 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 2021	766	12.5	1067.96	9038	24	421.53	1322.1	286.1	93	373.4
H	Sep 2021	616	10.4	1067.68	9016	-22	425.37	1228.0	232.0	87	376.5
<b>WY 2021</b>		<b>9361</b>							<b>3643.8</b>		
I	Oct 2021	581	9.4	1066.77	8945	-71	422.27	1228.0	216.2	87	372.4
S	Nov 2021	642	10.8	1064.97	8804	-140	421.30	938.0	241.3	67	375.8
T	Dec 2021	503	8.2	1066.39	8915	111	424.48	957.0	185.9	68	369.9
O	Jan 2022	640	10.4	1067.09	8970	55	420.00	993.0	236.8	67	370.2
R	Feb 2022	590	10.6	1066.78	8946	-24	420.26	994.0	220.4	67	373.2
I	Mar 2022	1010	16.4	1061.49	8536	-409	413.69	898.0	375.9	62	372.3
C	Apr 2022	1027	17.3	1054.69	8026	-511	405.75	863.0	380.5	61	370.4
A	May 2022	1083	17.6	1047.69	7517	-509	397.38	1082.0	391.7	80	361.7
L	Jun 2022	889	14.9	1043.02	7187	-330	396.77	1076.9	315.1	81	354.6
*	Jul 2022	822	13.4	1040.92	7041	-146	392.29	1236.6	287.9	94	350.1
	Aug 2022	630	10.2	1041.95	7112	71	388.94	1224.8	218.5	94	346.7
	Sep 2022	634	10.7	1040.67	7024	-88	390.43	1213.0	218.2	94	344.0
<b>WY 2022</b>		<b>9051</b>							<b>3288.5</b>		
	Oct 2022	507	8.3	1040.27	6996	-28	394.49	894.8	181.2	69	357.1
	Nov 2022	614	10.3	1038.89	6902	-94	395.29	929.0	218.4	72	355.6
	Dec 2022	531	8.6	1040.25	6995	93	392.54	1018.4	183.3	78	345.3
	Jan 2023	607	9.9	1041.86	7107	111	392.40	950.9	213.2	72	351.1
	Feb 2023	552	9.9	1042.95	7182	76	393.55	878.7	194.9	66	353.3
	Mar 2023	886	14.4	1039.65	6954	-229	391.40	867.0	317.6	73	358.4
	Apr 2023	997	16.8	1033.52	6539	-415	386.42	819.0	348.0	72	348.9
	May 2023	979	15.9	1026.88	6102	-437	380.08	780.6	336.6	72	344.0
	Jun 2023	918	15.4	1020.60	5702	-400	372.40	871.9	304.2	85	331.3
	Jul 2023	831	13.5	1017.05	5481	-221	366.31	1000.9	270.0	100	325.0
	Aug 2023	801	13.0	1015.35	5377	-104	364.04	986.5	257.6	100	321.5
	Sep 2023	695	11.7	1012.63	5212	-165	362.51	963.4	220.4	100	317.0
<b>WY 2023</b>		<b>8919</b>							<b>3045.5</b>		
	Oct 2023	530	8.6	1011.79	5161	-51	366.10	661.7	169.7	69	320.3
	Nov 2023	653	11.0	1009.58	5030	-132	366.90	646.2	211.0	69	323.3
	Dec 2023	546	8.9	1010.95	5111	81	364.36	654.5	174.5	69	319.3
	Jan 2024	549	8.9	1013.71	5277	166	363.93	696.3	175.1	72	318.7
	Feb 2024	497	8.6	1015.85	5408	130	366.03	667.5	159.2	67	320.5
	Mar 2024	830	13.5	1013.38	5257	-151	364.69	727.7	270.2	75	325.5
	Apr 2024	941	15.8	1007.42	4902	-355	359.54	743.5	296.2	81	314.8
	May 2024	927	15.1	1000.90	4526	-376	354.03	641.0	285.8	74	308.2
	Jun 2024	879	14.8	995.11	4203	-323	347.26	660.5	259.3	81	295.2
	Jul 2024	792	12.9	992.00	4034	-169	341.34	788.0	228.0	100	288.0

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## August 2022 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 2021	731	11.9	643.54	1713	6	144.21	255.0	93.7	100	128.2
H	Sep 2021	756	12.7	638.04	1565	-148	136.46	255.0	95.1	100	125.8
<b>WY 2021</b>		<b>9040</b>							<b>1141.6</b>		
I	Oct 2021	658	10.7	634.42	1471	-95	134.72	215.5	80.2	85	121.9
S	Nov 2021	543	9.1	637.48	1551	80	136.32	164.9	65.8	65	121.0
T	Dec 2021	465	7.6	638.32	1573	22	137.10	192.5	56.1	75	120.6
O	Jan 2022	523	8.5	641.60	1661	88	139.02	159.6	64.6	63	123.6
R	Feb 2022	555	10.0	641.69	1663	2	140.45	174.9	72.1	69	130.0
I	Mar 2022	931	15.1	642.79	1693	30	140.26	253.3	118.7	99	127.4
C	Apr 2022	975	16.4	643.08	1701	8	137.93	255.0	124.0	100	127.1
A	May 2022	1041	16.9	643.35	1708	7	140.42	241.8	132.1	95	126.9
L	Jun 2022	842	14.1	643.47	1712	3	139.18	251.6	108.5	99	128.9
*	Jul 2022	770	12.5	643.97	1725	14	144.37	255.0	99.3	100	129.1
	Aug 2022	645	10.5	642.25	1678	-47	141.06	253.3	81.9	99	127.1
	Sep 2022	698	11.7	639.01	1591	-87	138.08	255.0	86.8	100	124.4
<b>WY 2022</b>		<b>8646</b>							<b>1090.1</b>		
	Oct 2022	639	10.4	633.00	1434	-156	133.99	227.0	77.1	89	120.7
	Nov 2022	534	9.0	635.00	1486	51	132.58	159.8	63.8	63	119.4
	Dec 2022	395	6.4	639.51	1604	118	136.97	154.7	48.7	61	123.4
	Jan 2023	525	8.5	641.80	1666	62	139.42	156.3	65.9	61	125.6
	Feb 2023	533	9.6	641.80	1666	0	140.11	156.6	67.3	61	126.2
	Mar 2023	833	13.5	643.05	1700	34	139.20	194.1	104.5	76	125.4
	Apr 2023	973	16.4	643.00	1699	-2	138.81	249.9	121.7	98	125.1
	May 2023	951	15.5	643.00	1699	0	139.09	255.0	119.2	100	125.3
	Jun 2023	886	14.9	643.00	1699	0	139.29	255.0	111.1	100	125.5
	Jul 2023	826	13.4	642.00	1671	-27	139.31	255.0	103.7	100	125.5
	Aug 2023	769	12.5	642.00	1671	0	139.16	255.0	96.4	100	125.4
	Sep 2023	725	12.2	640.01	1617	-54	138.28	255.0	90.3	100	124.6
<b>WY 2023</b>		<b>8589</b>							<b>1069.8</b>		
	Oct 2023	688	11.2	633.00	1434	-183	134.17	227.0	83.1	89	120.9
	Nov 2023	572	9.6	635.00	1486	51	132.30	159.8	68.2	63	119.2
	Dec 2023	410	6.7	639.51	1604	118	136.85	154.7	50.6	61	123.3
	Jan 2024	467	7.6	641.80	1666	62	139.84	156.3	58.8	61	126.0
	Feb 2024	479	8.3	641.80	1666	0	140.66	156.6	60.6	61	126.7
	Mar 2024	777	12.6	643.05	1700	34	139.53	194.1	97.7	76	125.7
	Apr 2024	917	15.4	643.00	1699	-2	139.13	249.9	115.0	98	125.3
	May 2024	900	14.6	643.00	1699	0	139.38	255.0	113.0	100	125.6
	Jun 2024	846	14.2	643.00	1699	0	139.52	255.0	106.4	100	125.7
	Jul 2024	787	12.8	642.00	1671	-27	139.55	255.0	99.0	100	125.7

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## August 2022 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 2021	586	9.5	447.51	571	-14	79.33	120.0	40.7	100	69.4
H	Sep 2021	516	8.7	448.49	590	19	80.37	120.0	35.7	100	69.2
<b>WY 2021</b>		<b>6393</b>							<b>442.4</b>		
I	Oct 2021	421	6.8	448.37	587	-2	82.15	96.8	29.7	81	70.6
S	Nov 2021	348	5.8	447.05	562	-25	81.18	90.0	24.0	75	69.1
T	Dec 2021	281	4.6	447.33	567	5	81.34	102.6	18.6	85	66.1
O	Jan 2022	342	5.6	446.38	550	-18	80.46	93.9	23.0	78	67.4
R	Feb 2022	445	8.0	446.44	551	1	80.54	86.8	30.9	72	69.4
I	Mar 2022	658	10.7	448.02	580	30	77.95	112.3	45.8	94	69.6
C	Apr 2022	737	12.4	447.11	563	-17	79.08	120.0	50.8	100	68.9
A	May 2022	741	12.0	448.68	593	30	84.09	120.0	51.5	100	69.5
L	Jun 2022	679	11.4	448.31	586	-7	78.23	120.0	47.2	100	69.4
*	Jul 2022	639	10.4	448.84	596	10	82.19	120.0	44.7	100	69.9
	Aug 2022	534	8.7	447.50	571	-26	79.62	120.0	37.6	100	70.4
	Sep 2022	518	8.7	447.50	571	0	78.94	120.0	36.0	100	69.4
<b>WY 2022</b>		<b>6343</b>							<b>439.8</b>		
	Oct 2022	442	7.2	447.50	570	0	79.64	93.9	31.2	78	70.4
	Nov 2022	375	6.3	447.50	571	0	80.08	90.0	25.7	75	68.6
	Dec 2022	259	4.2	446.50	552	-19	80.68	111.3	16.5	93	63.7
	Jan 2023	310	5.0	446.50	552	0	79.73	93.9	20.7	78	66.9
	Feb 2023	401	7.2	446.50	552	0	78.63	95.2	27.7	79	69.1
	Mar 2023	609	9.9	446.70	555	4	77.52	120.0	41.8	100	68.6
	Apr 2023	715	12.0	448.70	593	38	77.79	120.0	49.7	100	69.5
	May 2023	722	11.7	448.70	593	0	78.89	120.0	50.8	100	70.3
	Jun 2023	719	12.1	448.70	593	0	78.76	120.0	50.4	100	70.2
	Jul 2023	684	11.1	448.00	580	-13	78.78	120.0	47.8	100	69.8
	Aug 2023	624	10.2	447.50	571	-10	78.57	120.0	43.3	100	69.4
	Sep 2023	524	8.8	447.50	570	0	78.89	120.0	36.4	100	69.4
<b>WY 2023</b>		<b>6384</b>							<b>441.9</b>		
	Oct 2023	482	7.8	447.50	571	0	79.34	91.0	33.8	76	70.1
	Nov 2023	372	6.2	447.50	570	0	80.11	92.0	25.5	77	68.6
	Dec 2023	260	4.2	446.50	552	-19	80.67	112.3	16.6	94	63.7
	Jan 2024	292	4.7	446.50	552	0	79.89	92.9	19.6	77	67.0
	Feb 2024	385	6.7	446.50	552	0	78.88	95.4	26.7	79	69.3
	Mar 2024	590	9.6	446.70	555	4	77.65	120.0	40.5	100	68.7
	Apr 2024	697	11.7	448.70	593	38	77.90	120.0	48.5	100	69.6
	May 2024	709	11.5	448.70	593	0	78.98	120.0	49.9	100	70.4
	Jun 2024	705	11.8	448.70	593	0	78.85	120.0	49.5	100	70.3
	Jul 2024	669	10.9	448.00	580	-13	78.88	120.0	46.8	100	69.9

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## August 2022 24-Month Study

Minimum Probable Inflow\*

Upper Basin Power



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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 2021	310	37	25	34	20	3
H Sep 2021	238	36	24	33	19	2
<b>Summer 2021</b>	<b>1614</b>	<b>182</b>	<b>140</b>	<b>190</b>	<b>114</b>	<b>17</b>
I Oct 2021	183	29	14	22	7	2
S Nov 2021	189	19	3	6	2	3
T Dec 2021	226	19	2	5	2	4
O Jan 2022	252	19	3	5	1	4
R Feb 2022	201	17	3	4	1	3
I Mar 2022	208	19	8	9	4	3
<b>Winter 2022</b>	<b>1259</b>	<b>123</b>	<b>34</b>	<b>50</b>	<b>17</b>	<b>19</b>
C Apr 2022	178	19	11	15	10	0
A May 2022	214	52	20	31	18	3
L Jun 2022	222	41	18	25	16	6
* Jul 2022	251	29	23	29	17	7
Aug 2022	257	37	23	31	15	5
Sep 2022	194	36	10	29	14	4
<b>Summer 2022</b>	<b>1317</b>	<b>215</b>	<b>104</b>	<b>161</b>	<b>90</b>	<b>26</b>
Oct 2022	170	33	0	29	14	4
Nov 2022	176	31	0	6	3	4
Dec 2022	209	29	4	6	3	3
Jan 2023	227	30	4	6	3	3
Feb 2023	197	27	3	6	3	3
Mar 2023	206	28	5	7	4	3
<b>Winter 2023</b>	<b>1185</b>	<b>178</b>	<b>16</b>	<b>61</b>	<b>32</b>	<b>19</b>
Apr 2023	180	26	14	22	12	1
May 2023	180	45	14	25	15	2
Jun 2023	192	16	12	21	14	2
Jul 2023	218	17	20	28	14	4
Aug 2023	230	17	21	30	15	4
Sep 2023	170	16	19	28	14	4
<b>Summer 2023</b>	<b>1171</b>	<b>138</b>	<b>100</b>	<b>154</b>	<b>84</b>	<b>17</b>
Oct 2023	154	17	17	27	13	4
Nov 2023	161	16	3	6	3	3
Dec 2023	151	17	3	6	3	3
Jan 2024	0	17	3	6	3	3
Feb 2024	0	16	3	6	3	3
Mar 2024	0	17	4	7	4	3
<b>Winter 2024</b>	<b>466</b>	<b>83</b>	<b>30</b>	<b>49</b>	<b>27</b>	<b>17</b>
Apr 2024	0	16	8	14	9	2
May 2024	0	43	13	25	15	4
Jun 2024	186	19	17	25	15	5
Jul 2024	212	17	24	31	15	5

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2022 24-Month Study

Minimum Probable Inflow\*

## Flood Control Criteria - Beginning of Month Conditions



— BUREAU OF —  
RECLAMATION

Date	Flaming Gorge	Blue Mesa	Navajo	Lake Powell	Upper Basin Total	Lake Mead	Total	Flaming Gorge	Blue Mesa	Navajo	Tot or Max Allow	Lake Powell	Lake Mead	BOM Space Total	Mead Sched Rel	Mead FC Rel	Sys Cont	
	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	MAF	
<b>**** PREDICTED SPACE ****</b>								<b>**** CREDITABLE SPACE ****</b>										
Aug 2022	899	457	732	17102	19190	20579	39769	899	457	732	2088	17102	20579	39769	1500	630	0	19.7
Sep 2022	976	499	773	17399	19647	20508	40154	976	499	773	2248	17399	20508	40154	2270	634	0	19.2
Oct 2022	1,058	549	797	17549	19953	20596	40549	1058	549	797	2404	17549	20596	40549	3040	507	0	18.9
Nov 2022	1,118	599	805	17575	20098	20624	40722	1118	599	805	2523	17575	20624	40722	3810	614	0	18.6
Dec 2022	1,191	599	818	17787	20396	20718	41114	1191	599	818	2609	17787	20718	41114	4580	531	0	18.3
Jan 2023	1,265	602	830	18122	20818	20625	41443	1265	602	830	2697	18122	20625	41443	5350	607	0	18.0
<b>**** EFFECTIVE SPACE ****</b>								<b>**** CREDITABLE SPACE ****</b>										
Jan 2023	1,265	602	830	18122	20818	20625	41443	-32	99	117	184	18122	20625	38930	5350	607	0	18.0
Feb 2023	1,340	605	844	18516	21304	20513	41818	43	104	131	277	18516	20513	39306	1500	552	0	17.7
Mar 2023	1,404	607	852	18856	21718	20438	42156	106	107	138	351	18856	20438	39644	1500	886	0	17.1
Apr 2023	1,444	607	853	19168	22073	20666	42739	144	110	132	386	19168	20666	40221	1500	997	0	16.6
May 2023	1,468	632	849	19292	22240	21081	43322	165	133	106	403	19292	21081	40776	1500	979	0	16.5
Jun 2023	1,512	584	814	18963	21873	21518	43391	204	77	34	315	18963	21518	40796	1500	918	0	16.7
Jul 2023	1,376	502	813	18589	21280	21918	43198	58	-21	-22	15	18589	21918	40521	1500	831	0	16.2
<b>**** EFFECTIVE SPACE ****</b>								<b>**** CREDITABLE SPACE ****</b>										
Aug 2023	1,332	518	893	18753	21496	22139	43635	1332	518	893	2743	18753	22139	43635	1500	801	0	15.6
Sep 2023	1,358	563	950	19120	21991	22243	44234	1358	563	950	2871	19120	22243	44234	2270	695	0	15.1
Oct 2023	1,393	612	984	19337	22326	22408	44733	1393	612	984	2989	19337	22408	44733	3040	530	0	14.6
Nov 2023	1,414	660	993	19457	22524	22459	44982	1414	660	993	3066	19457	22459	44982	3810	653	0	14.4
Dec 2023	1,426	650	991	19595	22662	22590	45252	1426	650	991	3067	19595	22590	45252	4580	546	0	14.3
Jan 2024	1,447	638	988	19837	22911	22509	45419	1447	638	988	3073	19837	22509	45419	5350	549	0	14.3
<b>**** EFFECTIVE SPACE ****</b>								<b>**** CREDITABLE SPACE ****</b>										
Jan 2024	1,447	638	988	19837	22911	22509	45419	300	248	291	838	19837	22509	43184	5350	549	0	14.3
Feb 2024	1,462	627	988	20148	23225	22343	45568	312	237	290	839	20148	22343	43330	1500	497	0	14.2
Mar 2024	1,471	618	981	20356	23426	22212	45638	319	228	282	829	20356	22212	43397	1500	830	0	14.0
Apr 2024	1,459	600	945	20480	23485	22363	45847	303	210	240	753	20480	22363	43597	1500	941	0	13.8
May 2024	1,424	572	911	20451	23359	22718	46076	263	178	183	624	20451	22718	43792	1500	927	0	14.4
Jun 2024	1,397	480	837	19754	22468	23094	45562	229	71	71	370	19754	23094	43219	1500	879	0	15.0
Jul 2024	1,220	390	829	19126	21565	23417	44982	40	-32	8	16	19126	23417	42559	1500	792	0	14.4

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