



To: All Annual Operating Plan Recipients

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The operation of Lake Powell and Lake Mead in this February 2022 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2022 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2021 24-Month Study projections of the January 1, 2022, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2022.

The August 2021 24-Month study projected the January 1, 2022, Lake Powell elevation to be less than 3,575 feet and at or above 3,525 feet and the Lake Mead elevation to be at or above 1,025 feet. Consistent with Section 6.C.1 of the Interim Guidelines the operational tier for Lake Powell in water year 2022 is the Mid-Elevation Release Tier and the water year release volume from Lake Powell will be 7.48 maf.

The August 2021 24-Month Study projected the January 1, 2022 Lake Mead elevation to be at or below 1,075 feet and at or above 1,050 feet. Consistent with Section 2.D.1 of the Interim Guidelines, a Shortage Condition consistent with Section 2.D.1.a will govern the operation of Lake Mead for calendar year 2022. In addition, Section III.B of Exhibit 1 to the Lower Basin Drought Contingency Plan (DCP) Agreement will also govern the operation of Lake Mead for calendar year 2022. Efforts to conserve additional water in Lake Mead under a 2021 Lower Basin Memorandum of Understanding (MOU) to facilitate near-term actions to maintain the water surface elevation of Lake Mead will also take place in calendar year 2022.

The Upper Basin Drought Response Operations Agreement (DROA) provisions to protect a target elevation at Lake Powell of 3,525 feet have been incorporated into the February 2022 24-Month Study and include an adjusted monthly release volume pattern for Glen Canyon Dam that will hold back a total of 0.350 maf in Lake Powell from January through April. There are continued discussions when and how that same amount of water (0.350 maf) will be released later in the water year. The annual release volume from Lake Powell for water year 2022 will continue to be 7.48 maf.<sup>1</sup> If future projections indicate the monthly adjustments are insufficient to protect Powell's elevation, Reclamation will again consider additional water releases from the upstream initial units of the Colorado River Storage Project later this year.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows. The observed unregulated inflow into Lake Powell for the month of January was 0.249 maf or 74 percent of the 30-year average from 1991 to 2020. The February unregulated inflow forecast for Lake Powell is 0.240 maf or 66 percent of the 30-year average. The 2022 April through July unregulated inflow forecast is 5.000 maf or 78 percent of average.

In this study, the calendar year 2022 diversion for Metropolitan Water District of Southern California (MWD) is projected to be 1.089 maf. The calendar year 2022 diversion for the Central Arizona Project (CAP) is projected to be 0.985 maf. Consumptive use for Nevada above Hoover (SNWP Use) is projected to be 0.252maf for calendar year 2022.

Due to changing Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes. This study reflects these changes in the projections.

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<sup>1</sup> More information on the adjusted release from Glen Canyon Dam can be found here: <https://www.usbr.gov/newsroom/##news-release/4073>.

Hoover, Davis, and Parker Dam historical gross energy figures come from PO&M reports provided by the Lower Colorado Region's Power Office, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Colleen Dwyer at (702) 293-8420.

Runoff and inflow projections into upper basin reservoirs are provided by the Colorado River Forecasting Service through the National Weather Service's Colorado Basin River Forecast Center and are as follows:

Reservoir	Observed Inflow (kaf)				Jan	Inflow Forecast (kaf)			Seasonal Outlook	
	Oct	Nov	Dec	Jan	%Avg	Feb	Mar	Apr	Apr-Jul	%Avg
Lake Powell	317	346	266	250	74%	240	350	550	5000	78%
Fontenelle	37	39	29	29	95%	22	40	60	615	84%
Flaming Gorge	49	47	21	33	82%	31	77	95	750	78%
Blue Mesa	27	27	22	19.6	83%	18	28	55	585	92%
Morrow Point	27	30	23	20	79%	20	31	62	620	90%
Crystal	32	34	27	25	85%	23	36	70	680	88%
Taylor Park	4.9	4.3	4.5	4.1	96%	3.2	3.5	7	100	106%
Vallecito	7.7	4.8	3.8	3.7	72%	3.2	5	15	142	80%
Navajo	20	13.6	14.9	13.8	69%	17	38	77	455	72%
Lemon	1.78	0.9	0.68	0.56	68%	0.5	0.8	3.1	36	75%
McPhee	5	3.1	2.9	2.6	62%	2.8	8	35	185	73%
Ridgway	5.2	4.6	3.8	3.4	86%	3	4	6	72	78%
Deerlodge	19	28	22	18.9	80%	20	55	190	1170	98%
Durango	15.3	11.7	9.7	8.9	73%	8.5	12	30	305	79%

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 Hydrology Summary is available online at:

[https://www.usbr.gov/uc/water/crsp/studies/24Month\\_02\\_ucb.pdf](https://www.usbr.gov/uc/water/crsp/studies/24Month_02_ucb.pdf).

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## February 2022 24-Month Study

### Most Probable Inflow\* Fontenelle Reservoir



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	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)
*	Feb 2021	24	0	46	0	46	6474.49	132
H	Mar 2021	40	0	51	0	51	6472.03	121
I	Apr 2021	54	1	49	0	49	6473.03	125
S	May 2021	76	1	49	0	49	6478.67	152
T	Jun 2021	143	2	42	0	42	6494.76	251
O	Jul 2021	45	2	43	0	43	6494.70	250
R	Aug 2021	35	2	41	0	41	6493.52	242
I	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>		
C	Oct 2021	37	1	33	4	37	6491.62	229
A	Nov 2021	39	1	43	0	43	6491.01	225
L	Dec 2021	29	1	50	0	50	6487.63	203
*	Jan 2022	29	1	51	0	51	6483.90	180
	Feb 2022	22	1	46	0	46	6479.60	164
	Mar 2022	40	1	59	0	59	6475.77	145
	Apr 2022	60	1	12	59	71	6473.22	132
	May 2022	130	1	92	0	92	6480.60	169
	Jun 2022	275	2	102	48	151	6499.14	292
	Jul 2022	150	3	102	2	104	6504.82	335
	Aug 2022	60	2	74	0	74	6502.77	319
	Sep 2022	40	2	36	29	65	6499.19	292
<b>WY 2022</b>		<b>911</b>	<b>15</b>	<b>700</b>	<b>142</b>	<b>842</b>		
	Oct 2022	46	1	68	0	68	6496.01	269
	Nov 2022	43	1	67	0	67	6492.50	244
	Dec 2022	32	1	69	0	69	6486.80	206
	Jan 2023	30	1	69	0	69	6480.18	167
	Feb 2023	28	0	62	0	62	6473.12	132
	Mar 2023	50	0	69	0	69	6468.79	113
	Apr 2023	77	1	74	0	74	6469.38	116
	May 2023	167	1	91	0	91	6484.31	191
	Jun 2023	303	2	103	93	196	6499.62	295
	Jul 2023	147	3	102	9	111	6503.98	329
	Aug 2023	58	2	74	0	74	6501.72	311
	Sep 2023	38	2	66	0	66	6497.85	282
<b>WY 2023</b>		<b>1019</b>	<b>15</b>	<b>912</b>	<b>102</b>	<b>1014</b>		
	Oct 2023	44	1	68	0	68	6494.44	258
	Nov 2023	42	1	64	0	64	6491.18	235
	Dec 2023	32	1	66	0	66	6485.80	200
	Jan 2024	30	1	66	0	66	6479.53	164

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## February 2022 24-Month Study

Most Probable Inflow\*

### Flaming Gorge Reservoir



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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)
*	Feb 2021	31	52	2	56	0	56	127	6024.59	3145	79
H	Mar 2021	68	79	3	52	0	52	127	6025.21	3168	96
I	Apr 2021	72	67	5	51	0	51	128	6025.49	3178	112
S	May 2021	96	72	8	95	0	95	127	6024.69	3149	296
T	Jun 2021	148	46	10	80	0	80	125	6023.52	3106	205
O	Jul 2021	48	43	12	65	0	65	124	6022.61	3073	80
R	Aug 2021	44	50	12	98	0	98	121	6021.02	3016	111
I	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>
C	Oct 2021	49	50	7	77	0	77	117	6018.23	2918	107
A	Nov 2021	47	49	3	51	0	51	117	6018.09	2913	87
L	Dec 2021	21	41	2	52	0	52	117	6017.72	2900	82
*	Jan 2022	33	55	2	52	0	52	117	6017.75	2901	80
	Feb 2022	31	55	2	47	0	47	117	6017.91	2906	67
	Mar 2022	77	96	3	52	0	52	119	6019.03	2946	107
	Apr 2022	95	106	5	51	0	51	121	6020.43	2995	241
	May 2022	170	132	7	140	0	140	120	6020.01	2980	660
	Jun 2022	325	201	10	51	0	51	125	6023.75	3114	446
	Jul 2022	160	114	13	65	0	65	127	6024.68	3149	130
	Aug 2022	70	84	12	96	0	96	126	6024.04	3125	112
	Sep 2022	48	73	11	95	0	95	125	6023.19	3094	110
	<b>WY 2022</b>	<b>1125</b>	<b>1055</b>	<b>76</b>	<b>830</b>	<b>0</b>	<b>830</b>				<b>2230</b>
	Oct 2022	56	78	7	61	0	61	125	6023.46	3104	90
	Nov 2022	51	75	3	57	0	57	126	6023.85	3118	88
	Dec 2022	33	70	2	89	0	89	125	6023.31	3098	114
	Jan 2023	40	79	2	89	0	89	124	6022.99	3086	114
	Feb 2023	41	76	2	81	0	81	124	6022.81	3080	106
	Mar 2023	87	105	3	52	0	52	126	6024.12	3128	126
	Apr 2023	113	110	5	51	0	51	128	6025.54	3180	253
	May 2023	244	168	8	106	0	106	130	6026.94	3233	618
	Jun 2023	392	285	10	178	0	178	134	6029.38	3325	545
	Jul 2023	160	123	14	73	0	73	135	6030.29	3360	133
	Aug 2023	65	81	13	109	0	109	134	6029.25	3320	128
	Sep 2023	42	70	11	108	0	108	132	6028.02	3273	120
	<b>WY 2023</b>	<b>1324</b>	<b>1319</b>	<b>79</b>	<b>1054</b>	<b>0</b>	<b>1054</b>				<b>2436</b>
	Oct 2023	52	75	7	72	0	72	132	6027.91	3269	98
	Nov 2023	49	71	3	82	0	82	131	6027.53	3255	112
	Dec 2023	33	67	2	129	0	129	129	6025.90	3193	154
	Jan 2024	40	76	2	129	0	129	126	6024.47	3141	154

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## February 2022 24-Month Study

Most 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)
* Feb 2021	3	5	9305.99	64
H Mar 2021	4	5	9304.90	62
I Apr 2021	7	5	9305.94	64
S May 2021	16	10	9310.13	70
T Jun 2021	24	16	9314.87	78
O Jul 2021	11	16	9311.57	72
R Aug 2021	7	15	9306.36	64
I Sep 2021	4	10	9302.48	59
<b>WY 2021</b>	<b>92</b>	<b>102</b>		
C Oct 2021	5	5	9302.69	59
A Nov 2021	4	4	9302.58	59
L Dec 2021	5	5	9302.55	59
* Jan 2022	4	4	9302.29	58
Feb 2022	3	4	9301.61	57
Mar 2022	4	5	9300.81	56
Apr 2022	7	6	9301.28	57
May 2022	28	15	9310.27	70
Jun 2022	48	22	9325.02	96
Jul 2022	17	23	9321.85	90
Aug 2022	9	18	9316.60	81
Sep 2022	7	14	9311.87	73
<b>WY 2022</b>	<b>140</b>	<b>126</b>		
Oct 2022	6	9	9310.08	70
Nov 2022	5	5	9309.86	70
Dec 2022	4	5	9309.36	69
Jan 2023	5	5	9309.01	68
Feb 2023	4	5	9308.47	67
Mar 2023	5	5	9308.08	67
Apr 2023	9	9	9308.14	67
May 2023	26	15	9314.97	78
Jun 2023	40	18	9326.98	100
Jul 2023	15	24	9322.22	91
Aug 2023	8	18	9316.82	81
Sep 2023	7	18	9310.21	70
<b>WY 2023</b>	<b>134</b>	<b>137</b>		
Oct 2023	7	6	9310.60	71
Nov 2023	5	5	9310.45	71
Dec 2023	4	5	9309.94	70
Jan 2024	5	5	9309.60	69

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## February 2022 24-Month Study

Most Probable Inflow\*

### Blue Mesa Reservoir



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	<b>UnReg</b>	<b>Regulated</b>	<b>Evap</b>	<b>Power</b>	<b>Bypass</b>	<b>Total</b>	<b>Reservoir Elev</b>	<b>Live</b>
<b>Date</b>	<b>Inflow</b>	<b>Inflow</b>	<b>Losses</b>	<b>Release</b>	<b>Release</b>	<b>Release</b>	<b>End of Month</b>	<b>Storage</b>
	<b>(1000 Ac-Ft)</b>	<b>(1000 Ac-Ft)</b>	<b>(1000 Ac-Ft)</b>	<b>(1000 Ac-Ft)</b>	<b>(1000 Ac-Ft)</b>	<b>(1000 Ac-Ft)</b>	<b>(Ft)</b>	<b>(1000 Ac-Ft)</b>
* Feb 2021	20	22	0	21	0	21	7465.37	401
H Mar 2021	29	30	0	32	0	32	7465.07	399
I Apr 2021	47	46	1	79	0	79	7459.68	365
S May 2021	90	83	1	96	2	98	7457.14	350
T Jun 2021	127	119	1	77	0	77	7463.84	391
O Jul 2021	53	58	1	98	0	98	7457.21	350
R Aug 2021	45	53	1	93	0	93	7450.20	310
I 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>		
C Oct 2021	27	26	0	58	0	58	7429.52	209
A Nov 2021	27	27	0	16	0	16	7431.94	220
L Dec 2021	22	22	0	11	0	11	7434.40	231
* Jan 2022	20	20	0	14	0	14	7435.60	236
Feb 2022	18	19	0	14	0	14	7436.72	242
Mar 2022	28	29	0	17	0	17	7439.23	254
Apr 2022	55	54	0	49	0	49	7440.26	259
May 2022	195	182	1	88	0	88	7457.47	352
Jun 2022	250	224	1	61	0	61	7481.55	513
Jul 2022	85	91	1	80	0	80	7482.87	523
Aug 2022	50	59	1	76	0	76	7480.47	505
Sep 2022	34	42	1	76	0	76	7475.59	470
<b>WY 2022</b>	<b>810</b>	<b>796</b>	<b>6</b>	<b>560</b>	<b>0</b>	<b>560</b>		
Oct 2022	35	38	0	72	0	72	7470.64	436
Nov 2022	30	31	0	16	0	16	7472.80	451
Dec 2022	26	27	0	16	0	16	7474.41	462
Jan 2023	25	26	0	16	0	16	7475.76	471
Feb 2023	23	24	0	14	0	14	7477.16	481
Mar 2023	38	38	0	18	0	18	7479.93	501
Apr 2023	78	78	1	29	0	29	7486.39	550
May 2023	203	192	1	56	0	56	7503.16	685
Jun 2023	250	228	1	137	0	137	7513.44	774
Jul 2023	86	96	2	81	0	81	7514.85	786
Aug 2023	56	65	1	85	0	85	7512.49	765
Sep 2023	35	46	1	83	0	83	7508.19	728
<b>WY 2023</b>	<b>887</b>	<b>890</b>	<b>9</b>	<b>624</b>	<b>0</b>	<b>624</b>		
Oct 2023	36	35	1	76	0	76	7503.33	686
Nov 2023	31	31	0	46	0	46	7501.58	671
Dec 2023	26	27	0	114	0	114	7490.89	585
Jan 2024	25	26	0	87	0	87	7482.90	523

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## February 2022 24-Month Study

Most Probable Inflow\*

### Morrow Point Reservoir



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	<b>Unreg</b>	<b>Blue Mesa</b>	<b>Side</b>	<b>Total</b>	<b>Power</b>	<b>Bypass</b>	<b>Total</b>	<b>Reservoir Elev</b>	<b>Live</b>
<b>Date</b>	<b>Inflow</b>	<b>Release</b>	<b>Inflow</b>	<b>Inflow</b>	<b>Release</b>	<b>Release</b>	<b>Release</b>	<b>End of Month</b>	<b>Storage</b>
	<b>(1000 Ac-Ft)</b>	<b>(1000 Ac-Ft)</b>	<b>(1000 Ac-Ft)</b>	<b>(1000 Ac-Ft)</b>	<b>(1000 Ac-Ft)</b>	<b>(1000 Ac-Ft)</b>	<b>(1000 Ac-Ft)</b>	<b>(Ft)</b>	<b>(1000 Ac-Ft)</b>
* Feb 2021	21	21	1	22	21	0	21	7146.38	106
H Mar 2021	30	32	1	33	35	0	35	7143.99	104
I Apr 2021	49	79	1	81	82	0	82	7141.50	103
S May 2021	93	98	4	102	91	0	91	7155.08	113
T Jun 2021	132	77	4	81	85	0	85	7150.02	109
O Jul 2021	54	98	1	99	97	0	97	7152.51	111
R Aug 2021	46	93	1	93	94	0	94	7150.92	110
I 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>		
C Oct 2021	27	58	1	59	61	0	61	7149.67	109
A Nov 2021	30	16	3	19	17	0	17	7151.77	110
L Dec 2021	23	11	1	12	16	0	16	7145.62	106
* Jan 2022	21	14	1	15	16	0	16	7144.25	105
Feb 2022	20	14	2	16	8	0	8	7153.73	112
Mar 2022	31	17	3	20	20	0	20	7153.73	112
Apr 2022	62	49	7	56	56	0	56	7153.73	112
May 2022	212	88	17	105	105	0	105	7153.73	112
Jun 2022	260	61	10	71	71	0	71	7153.72	112
Jul 2022	86	80	1	81	81	0	81	7153.73	112
Aug 2022	53	76	3	79	79	0	79	7153.73	112
Sep 2022	36	76	2	78	78	0	78	7153.73	112
<b>WY 2022</b>	<b>860</b>	<b>560</b>	<b>51</b>	<b>610</b>	<b>609</b>	<b>0</b>	<b>609</b>		
Oct 2022	37	72	2	74	74	0	74	7153.73	112
Nov 2022	32	16	1	17	17	0	17	7153.73	112
Dec 2022	27	16	1	17	17	0	17	7153.73	112
Jan 2023	26	16	1	17	17	0	17	7153.73	112
Feb 2023	25	14	1	15	15	0	15	7153.73	112
Mar 2023	40	18	2	20	20	0	20	7153.73	112
Apr 2023	89	29	11	40	40	0	40	7153.73	112
May 2023	226	56	23	79	79	0	79	7153.73	112
Jun 2023	265	137	15	153	152	0	152	7153.72	112
Jul 2023	90	81	4	85	85	0	85	7153.73	112
Aug 2023	56	85	0	86	86	0	86	7153.73	112
Sep 2023	36	83	1	84	84	0	84	7153.73	112
<b>WY 2023</b>	<b>950</b>	<b>624</b>	<b>63</b>	<b>686</b>	<b>685</b>	<b>0</b>	<b>685</b>		
Oct 2023	37	76	1	78	78	0	78	7153.73	112
Nov 2023	32	46	1	47	47	0	47	7153.73	112
Dec 2023	27	114	1	115	115	0	115	7153.73	112
Jan 2024	26	87	1	88	88	0	88	7153.73	112

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## February 2022 24-Month Study

### Most Probable Inflow\* Crystal Reservoir



— BUREAU OF —  
RECLAMATION

		Unreg Inflow	Morrow Release	Side Inflow	Total Inflow	Power Release	Bypass Release	Total Release	Reservoir Elev End of Month	Live Storage	Tunnel Flow	Below Tunnel Flow
	Date	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)
*	Feb 2021	24	21	2	23	23	0	23	6748.83	16	0	22
H	Mar 2021	32	35	2	37	37	0	37	6748.74	16	11	25
I	Apr 2021	54	82	6	88	86	0	87	6752.67	17	51	36
S	May 2021	103	91	10	101	100	1	100	6753.35	17	64	37
T	Jun 2021	140	85	9	94	94	0	94	6751.32	16	62	33
O	Jul 2021	60	97	6	103	103	0	103	6750.41	16	65	41
R	Aug 2021	52	94	6	100	100	0	100	6751.69	17	65	38
I	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>
C	Oct 2021	32	61	5	66	34	32	66	6752.35	17	41	25
A	Nov 2021	34	17	4	21	22	0	22	6749.65	16	1	20
L	Dec 2021	27	16	4	21	20	0	21	6750.09	16	1	20
*	Jan 2022	25	16	4	21	20	0	21	6750.38	16	1	19
	Feb 2022	23	8	3	11	10	0	10	6753.04	17	0	10
	Mar 2022	36	20	5	25	25	0	25	6753.04	17	5	20
	Apr 2022	70	56	8	64	64	0	64	6753.04	17	42	22
	May 2022	235	105	23	128	128	0	128	6753.04	17	62	66
	Jun 2022	285	71	25	96	96	0	96	6753.03	17	61	35
	Jul 2022	90	81	4	85	85	0	85	6753.04	17	65	20
	Aug 2022	60	79	7	86	86	0	86	6753.04	17	65	21
	Sep 2022	38	78	2	80	80	0	80	6753.04	17	55	25
	<b>WY 2022</b>	<b>955</b>	<b>609</b>	<b>95</b>	<b>703</b>	<b>670</b>	<b>33</b>	<b>703</b>			<b>397</b>	<b>303</b>
	Oct 2022	41	74	3	77	77	0	77	6753.04	17	55	22
	Nov 2022	36	17	4	21	0	21	21	6753.04	17	0	21
	Dec 2022	32	17	5	22	22	0	22	6753.04	17	0	22
	Jan 2023	31	17	4	22	22	0	22	6753.04	17	0	22
	Feb 2023	29	15	4	19	19	0	19	6753.04	17	0	19
	Mar 2023	46	20	7	26	26	0	26	6753.04	17	5	21
	Apr 2023	100	40	11	50	50	0	50	6753.04	17	42	8
	May 2023	251	79	25	104	104	0	104	6753.04	17	62	42
	Jun 2023	293	152	28	180	130	50	180	6753.03	17	61	119
	Jul 2023	98	85	8	92	92	0	92	6753.04	17	65	27
	Aug 2023	63	86	7	92	92	0	92	6753.04	17	65	27
	Sep 2023	42	84	5	89	89	0	89	6753.04	17	55	34
	<b>WY 2023</b>	<b>1060</b>	<b>685</b>	<b>110</b>	<b>795</b>	<b>724</b>	<b>71</b>	<b>795</b>			<b>410</b>	<b>385</b>
	Oct 2023	43	78	6	84	52	31	83	6753.04	17	55	28
	Nov 2023	37	47	5	51	51	0	51	6753.04	17	0	51
	Dec 2023	32	115	5	120	120	0	120	6753.04	17	0	120
	Jan 2024	31	88	4	92	92	0	92	6753.04	17	0	92

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



# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## February 2022 24-Month Study

Most 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)
* Feb 2021	3	0	7627.63	41
H Mar 2021	4	0	7629.73	44
I Apr 2021	14	1	7636.28	57
S May 2021	50	30	7645.56	77
T Jun 2021	44	39	7647.63	81
O Jul 2021	19	36	7639.49	63
R Aug 2021	13	34	7628.72	43
I Sep 2021	7	26	7615.74	24
<b>WY 2021</b>	<b>166</b>	<b>169</b>		
C Oct 2021	8	3	7619.62	29
A Nov 2021	5	2	7621.90	32
L Dec 2021	4	0	7624.23	35
* Jan 2022	4	0	7626.39	39
Feb 2022	3	2	7627.34	40
Mar 2022	5	2	7629.11	43
Apr 2022	15	2	7636.07	56
May 2022	60	31	7649.07	85
Jun 2022	52	43	7652.68	94
Jul 2022	15	42	7640.99	67
Aug 2022	10	38	7626.16	38
Sep 2022	10	30	7610.97	19
<b>WY 2022</b>	<b>190</b>	<b>193</b>		
Oct 2022	10	17	7602.53	11
Nov 2022	8	2	7609.44	17
Dec 2022	7	2	7614.02	22
Jan 2023	6	2	7617.40	26
Feb 2023	5	2	7620.26	30
Mar 2023	10	2	7625.51	37
Apr 2023	23	2	7637.30	59
May 2023	68	31	7653.37	95
Jun 2023	62	43	7660.53	114
Jul 2023	21	42	7652.34	93
Aug 2023	15	38	7642.59	70
Sep 2023	16	30	7635.83	56
<b>WY 2023</b>	<b>251</b>	<b>211</b>		
Oct 2023	13	17	7633.54	51
Nov 2023	9	2	7637.09	58
Dec 2023	7	2	7639.42	63
Jan 2024	6	2	7641.21	67

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## February 2022 24-Month Study

Most Probable Inflow\*

### Navajo Reservoir



— BUREAU OF —  
RECLAMATION

		Mod Unreg	Azotea	Reg	Evap	NIIP	Total	Reservoir Elev	Live	Famington
	Date	Inflow	Tunnel Div	Inflow	Losses	Diversion	Release	End of Month	Storage	Flow
		(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)
*	Feb 2021	13	0	11	1	1	22	6034.25	1052	32
H	Mar 2021	23	1	19	1	4	24	6033.31	1042	32
I	Apr 2021	82	13	57	2	20	32	6033.54	1045	31
S	May 2021	169	25	124	3	34	26	6039.27	1105	65
T	Jun 2021	103	18	78	4	44	21	6040.14	1114	89
O	Jul 2021	24	2	40	4	45	35	6035.96	1070	57
R	Aug 2021	5	1	24	3	39	41	6030.18	1010	48
I	Sep 2021	-2	0	17	2	25	50	6024.10	951	49
<b>WY 2021</b>		<b>463</b>	<b>60</b>	<b>406</b>	<b>23</b>	<b>222</b>	<b>360</b>			<b>549</b>
C	Oct 2021	20	0	16	1	2	28	6022.31	887	45
A	Nov 2021	14	0	10	1	0	18	6021.39	879	36
L	Dec 2021	15	0	11	0	0	18	6020.63	872	35
*	Jan 2022	14	0	10	0	0	22	6019.21	859	38
	Feb 2022	17	0	15	1	0	17	6018.94	857	26
	Mar 2022	38	1	34	1	5	19	6019.91	865	31
	Apr 2022	77	7	57	2	21	18	6021.78	882	48
	May 2022	215	27	159	3	35	18	6032.56	985	138
	Jun 2022	145	17	119	3	51	18	6037.16	1031	133
	Jul 2022	18	0	44	3	56	31	6032.66	986	71
	Aug 2022	25	1	52	3	47	33	6029.53	955	58
	Sep 2022	26	1	45	2	26	26	6028.61	946	48
<b>WY 2022</b>		<b>623</b>	<b>54</b>	<b>572</b>	<b>21</b>	<b>243</b>	<b>266</b>			<b>706</b>
	Oct 2022	31	1	38	1	9	20	6029.39	954	40
	Nov 2022	29	0	23	1	0	18	6029.80	958	35
	Dec 2022	24	0	19	0	0	18	6029.79	957	33
	Jan 2023	22	0	17	0	0	18	6029.63	956	32
	Feb 2023	29	0	25	1	0	17	6030.40	963	29
	Mar 2023	92	9	76	1	5	18	6035.51	1014	41
	Apr 2023	147	17	108	2	21	18	6042.01	1082	69
	May 2023	252	33	192	3	35	18	6053.04	1207	153
	Jun 2023	187	23	145	4	51	18	6058.91	1279	162
	Jul 2023	32	2	51	4	56	21	6056.48	1248	72
	Aug 2023	23	1	45	3	47	28	6053.71	1215	57
	Sep 2023	31	1	44	3	26	22	6053.15	1208	49
<b>WY 2023</b>		<b>899</b>	<b>87</b>	<b>772</b>	<b>24</b>	<b>250</b>	<b>235</b>			<b>771</b>
	Oct 2023	35	1	38	2	9	19	6053.83	1216	42
	Nov 2023	30	0	23	1	0	18	6054.19	1221	36
	Dec 2023	24	0	19	1	0	18	6054.17	1220	33
	Jan 2024	22	0	18	1	0	18	6054.09	1219	31

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## February 2022 24-Month Study

Most 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)
*	Feb 2021	201	235	7	675	0	675	3571.46	4792	9226	670
H	Mar 2021	297	299	11	700	0	700	3566.71	4761	8844	698
I	Apr 2021	289	279	17	628	0	628	3562.37	4734	8504	635
S	May 2021	543	495	20	624	0	624	3560.57	4723	8366	649
T	Jun 2021	809	640	31	651	0	651	3560.06	4720	8328	663
O	Jul 2021	193	305	36	767	0	767	3553.88	4683	7866	763
R	Aug 2021	292	452	35	801	0	801	3548.96	4655	7511	785
I	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>
C	Oct 2021	317	419	21	481	0	481	3544.25	4628	7181	488
A	Nov 2021	346	342	20	500	0	500	3541.84	4615	7016	496
L	Dec 2021	266	290	16	600	0	600	3537.33	4591	6713	597
*	Jan 2022	249	269	4	673	0	673	3531.52	4561	6335	676
	Feb 2022	240	244	4	539	0	539	3527.12	4538	6058	550
	Mar 2022	350	301	7	575	0	575	3522.88	4517	5797	591
	Apr 2022	550	467	12	501	0	501	3522.19	4514	5755	519
	May 2022	1700	1429	14	599	0	599	3534.23	4574	6510	618
	Jun 2022	2100	1578	26	678	0	678	3546.25	4639	7320	697
	Jul 2022	650	618	32	809	0	809	3543.27	4623	7113	832
	Aug 2022	250	358	31	858	0	858	3535.93	4583	6621	882
	Sep 2022	240	356	28	667	0	667	3531.09	4558	6307	684
	<b>WY 2022</b>	<b>7257</b>	<b>6671</b>	<b>217</b>	<b>7480</b>	<b>0</b>	<b>7480</b>				<b>7632</b>
	Oct 2022	353	393	19	480	0	480	3529.55	4550	6210	492
	Nov 2022	411	391	18	500	0	500	3527.68	4541	6092	503
	Dec 2022	352	392	14	600	0	600	3524.35	4525	5887	603
	Jan 2023	347	384	4	770	0	770	3518.33	4496	5526	779
	Feb 2023	396	413	4	670	0	670	3514.19	4476	5285	681
	Mar 2023	613	499	7	675	0	675	3511.21	4463	5115	691
	Apr 2023	935	732	11	620	0	620	3512.86	4470	5209	638
	May 2023	2114	1664	13	625	0	625	3528.73	4546	6158	644
	Jun 2023	2478	2057	25	670	0	670	3547.66	4647	7419	689
	Jul 2023	709	664	33	700	0	700	3546.75	4642	7355	723
	Aug 2023	361	487	32	809	0	809	3542.00	4616	7027	833
	Sep 2023	312	443	29	602	0	602	3539.41	4602	6852	619
	<b>WY 2023</b>	<b>9381</b>	<b>8519</b>	<b>210</b>	<b>7721</b>	<b>0</b>	<b>7721</b>				<b>7896</b>
	Oct 2023	417	472	20	480	0	480	3539.03	4600	6826	492
	Nov 2023	446	482	20	500	0	500	3538.50	4597	6791	503
	Dec 2023	352	530	16	600	0	600	3537.30	4591	6711	603
	Jan 2024	347	494	4	723	0	723	3534.01	4573	6495	732

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## February 2022 24-Month Study

Most Probable Inflow\*

### Hoover Dam - Lake Mead



— BUREAU OF —  
RECLAMATION

		Glen Release	Side Inflow	Evap	Total	Total	SNWP	Downstream	Bank	Reservoir Elev	EOM
	Date	(1000 Ac-Ft)	Glen to Hoover	Losses	Release	Release	Use	Requirements	Storage	End of Month	Storage
		(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 CFS)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(Ft)	(1000 Ac-Ft)
*	Feb 2021	675	55	28	574	10.3	8	581	690	1087.26	10622
H	Mar 2021	700	33	31	945	15.4	15	935	675	1084.39	10378
I	Apr 2021	628	36	38	1057	17.8	22	1058	647	1079.30	9953
S	May 2021	624	9	43	1067	17.4	27	1058	616	1073.50	9480
T	Jun 2021	651	-31	51	939	15.8	32	927	592	1068.77	9102
O	Jul 2021	767	95	63	862	14.0	31	853	586	1067.65	9014
R	Aug 2021	801	89	67	766	12.5	31	766	587	1067.96	9038
I	Sep 2021	622	50	55	616	10.4	24	614	586	1067.68	9016
<b>WY 2021</b>		<b>8229</b>	<b>558</b>	<b>529</b>	<b>9361</b>		<b>242</b>	<b>9360</b>			
C	Oct 2021	481	80	40	581	9.4	16	586	581	1066.77	8945
A	Nov 2021	500	42	40	642	10.8	10	650	572	1064.97	8804
L	Dec 2021	600	64	34	503	8.2	10	511	579	1066.39	8915
*	Jan 2022	673	65	28	640	10.4	12	639	583	1067.09	8970
	Feb 2022	539	97	26	555	10.0	10	555	586	1067.63	9012
	Mar 2022	575	111	29	914	14.9	12	914	569	1064.39	8760
	Apr 2022	501	81	35	1022	17.2	17	1022	539	1058.34	8298
	May 2022	599	50	39	1018	16.5	30	1018	513	1052.80	7887
	Jun 2022	678	29	46	928	15.6	31	928	494	1048.94	7607
	Jul 2022	809	64	57	817	13.3	37	817	492	1048.45	7571
	Aug 2022	858	81	61	777	12.6	37	777	496	1049.30	7632
	Sep 2022	667	71	50	693	11.6	29	693	494	1048.85	7600
<b>WY 2022</b>		<b>7480</b>	<b>837</b>	<b>487</b>	<b>9088</b>		<b>249</b>	<b>9109</b>			
	Oct 2022	480	58	37	467	7.6	21	467	495	1049.03	7613
	Nov 2022	500	71	37	575	9.7	10	575	492	1048.36	7565
	Dec 2022	600	67	32	484	7.9	6	484	501	1050.26	7702
	Jan 2023	770	95	26	623	10.1	11	623	513	1052.91	7895
	Feb 2023	670	97	24	556	10.0	8	556	524	1055.19	8063
	Mar 2023	675	111	27	885	14.4	15	885	515	1053.38	7929
	Apr 2023	620	81	33	992	16.7	17	992	494	1048.95	7608
	May 2023	625	50	38	948	15.4	21	948	474	1044.57	7296
	Jun 2023	670	29	45	898	15.1	30	898	458	1040.89	7039
	Jul 2023	700	64	55	808	13.1	34	808	449	1039.08	6914
	Aug 2023	809	81	58	776	12.6	36	776	451	1039.36	6934
	Sep 2023	602	71	48	681	11.4	32	681	445	1038.16	6852
<b>WY 2023</b>		<b>7721</b>	<b>876</b>	<b>460</b>	<b>8693</b>		<b>242</b>	<b>8693</b>			
	Oct 2023	480	58	35	510	8.3	26	510	443	1037.72	6821
	Nov 2023	500	71	35	633	10.6	15	633	437	1036.18	6717
	Dec 2023	600	67	30	522	8.5	10	522	443	1037.63	6816
	Jan 2024	723	95	25	602	9.8	11	602	454	1040.11	6985

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## February 2022 24-Month Study

Most Probable Inflow\*

### Davis Dam - Lake Mohave



— BUREAU OF —  
RECLAMATION

		Hoover Release	Side Inflow	Evap Losses	Power Release	Spill Release	Total Release	Total Release	Reservoir Elev End of Month	EOM Storage
	Date	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 CFS)	(Ft)	(1000 Ac-Ft)
*	Feb 2021	574	-17	10	550	0	550	9.9	642.63	1688
H	Mar 2021	945	-10	13	920	0	920	15.0	642.69	1690
I	Apr 2021	1057	-21	17	1028	0	1028	17.3	642.37	1682
S	May 2021	1067	9	22	1055	0	1055	17.2	642.32	1680
T	Jun 2021	939	15	25	901	0	901	15.1	643.33	1708
O	Jul 2021	862	-6	25	831	0	831	13.5	643.31	1707
R	Aug 2021	766	-6	23	731	0	731	11.9	643.54	1713
I	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>			
C	Oct 2021	581	-3	15	638	0	638	10.7	634.42	1471
A	Nov 2021	642	-9	10	543	0	543	9.1	637.48	1551
L	Dec 2021	503	-6	9	465	0	465	7.6	638.32	1573
*	Jan 2022	640	-19	10	523	0	523	8.5	641.80	1661
	Feb 2022	555	-9	10	525	0	525	9.5	642.00	1671
	Mar 2022	914	-7	13	881	0	881	14.3	642.50	1685
	Apr 2022	1022	-8	17	984	0	984	16.5	643.00	1699
	May 2022	1018	-8	22	987	0	987	16.1	643.00	1699
	Jun 2022	928	-13	25	889	0	889	14.9	643.00	1699
	Jul 2022	817	-10	25	809	0	809	13.2	642.00	1671
	Aug 2022	777	-11	23	743	0	743	12.1	642.00	1671
	Sep 2022	693	-11	18	717	0	717	12.1	640.01	1617
<b>WY 2022</b>		<b>9088</b>	<b>-113</b>	<b>197</b>	<b>8705</b>	<b>0</b>	<b>8725</b>			
	Oct 2022	467	-11	15	624	0	624	10.2	633.00	1434
	Nov 2022	575	-23	10	491	0	491	8.3	635.00	1486
	Dec 2022	484	-11	9	346	0	346	5.6	639.51	1604
	Jan 2023	623	-17	10	534	0	534	8.7	641.80	1666
	Feb 2023	556	-9	10	537	0	537	9.7	641.80	1666
	Mar 2023	885	-7	13	831	0	831	13.5	643.05	1700
	Apr 2023	992	-8	17	969	0	969	16.3	643.00	1699
	May 2023	948	-8	22	917	0	917	14.9	643.00	1699
	Jun 2023	898	-13	25	859	0	859	14.4	643.00	1699
	Jul 2023	808	-10	25	800	0	800	13.0	642.00	1671
	Aug 2023	776	-11	23	742	0	742	12.1	642.00	1671
	Sep 2023	681	-11	18	705	0	705	11.8	640.01	1617
<b>WY 2023</b>		<b>8693</b>	<b>-138</b>	<b>197</b>	<b>8357</b>	<b>0</b>	<b>8357</b>			
	Oct 2023	510	-11	15	667	0	667	10.9	633.00	1434
	Nov 2023	633	-23	10	549	0	549	9.2	635.00	1486
	Dec 2023	522	-11	9	384	0	384	6.2	639.51	1604
	Jan 2024	602	-17	10	514	0	514	8.4	641.80	1666

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## February 2022 24-Month Study

Most 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)
*	Feb 2021	550	-2	8	430	7.7	0	111	447.56	572	124	2.2
H	Mar 2021	920	1	9	663	10.8	99	149	447.28	566	179	2.9
I	Apr 2021	1028	0	11	728	12.2	102	163	448.04	581	167	2.8
S	May 2021	1055	-2	13	746	12.1	107	168	448.51	590	145	2.4
T	Jun 2021	901	21	15	706	11.9	103	87	448.55	591	151	2.5
O	Jul 2021	831	15	17	669	10.9	106	51	448.23	585	147	2.4
R	Aug 2021	731	16	17	586	9.5	100	48	447.51	571	121	2.0
I	Sep 2021	756	5	15	516	8.7	97	106	448.49	590	116	1.9
	<b>WY 2021</b>	<b>9040</b>	<b>117</b>	<b>140</b>	<b>6393</b>		<b>1065</b>	<b>1441</b>			<b>1519</b>	
C	Oct 2021	658	18	12	421	6.8	99	139	448.37	587	67	1.1
A	Nov 2021	543	13	9	348	5.8	96	124	447.05	562	92	1.5
L	Dec 2021	465	17	7	281	4.6	99	87	447.33	567	89	1.5
*	Jan 2022	523	-2	6	342	5.6	96	89	446.38	550	115	1.9
	Feb 2022	525	7	8	400	7.2	2	104	447.00	561	127	2.3
	Mar 2022	881	7	9	618	10.1	104	138	447.50	571	170	2.8
	Apr 2022	984	11	11	709	11.9	96	146	448.70	593	160	2.7
	May 2022	987	9	13	711	11.6	99	161	448.70	593	125	2.0
	Jun 2022	889	6	16	717	12.1	96	53	448.70	593	130	2.2
	Jul 2022	809	15	17	689	11.2	99	20	448.00	580	131	2.1
	Aug 2022	743	15	17	620	10.1	99	20	447.50	571	112	1.8
	Sep 2022	717	14	15	534	9.0	96	76	447.50	570	109	1.8
	<b>WY 2022</b>	<b>8725</b>	<b>130</b>	<b>140</b>	<b>6389</b>		<b>1082</b>	<b>1157</b>			<b>1427</b>	
	Oct 2022	624	21	12	455	7.4	99	74	447.50	571	63	1.0
	Nov 2022	491	18	9	340	5.7	100	55	447.50	570	91	1.5
	Dec 2022	346	20	7	221	3.6	103	49	446.50	552	87	1.4
	Jan 2023	534	17	6	316	5.1	101	123	446.50	552	138	2.2
	Feb 2023	537	7	8	401	7.2	20	108	446.50	552	124	2.2
	Mar 2023	831	7	9	604	9.8	101	112	446.70	555	147	2.4
	Apr 2023	969	11	11	708	11.9	98	115	448.70	593	147	2.5
	May 2023	917	9	13	712	11.6	74	115	448.70	593	110	1.8
	Jun 2023	859	6	16	715	12.0	73	49	448.70	593	116	2.0
	Jul 2023	800	15	17	683	11.1	75	41	448.00	580	123	2.0
	Aug 2023	742	15	17	624	10.1	75	39	447.50	571	101	1.6
	Sep 2023	705	14	15	526	8.8	73	94	447.50	570	99	1.7
	<b>WY 2023</b>	<b>8357</b>	<b>161</b>	<b>139</b>	<b>6304</b>		<b>993</b>	<b>973</b>			<b>1346</b>	
	Oct 2023	667	21	12	486	7.9	75	110	447.50	571	89	1.4
	Nov 2023	549	18	9	369	6.2	73	111	447.50	570	115	1.9
	Dec 2023	384	20	7	258	4.2	74	79	446.50	552	110	1.8
	Jan 2024	514	17	6	307	5.0	103	108	446.50	552	131	2.1

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## February 2022 24-Month Study

Most 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
*	Feb 2021	574	10.3	1087.28	10822	-112	440.33	1080.0	225.4	67	392.4
H	Mar 2021	945	15.4	1084.39	10378	-244	437.58	1109.0	376.2	70	398.0
I	Apr 2021	1057	17.8	1079.30	9953	-425	427.23	1086.9	415.5	70	393.2
S	May 2021	1067	17.4	1073.50	9480	-473	423.99	1042.9	433.7	69	406.4
T	Jun 2021	939	15.8	1068.77	9102	-378	419.04	1451.0	366.8	100	390.7
O	Jul 2021	862	14.0	1067.65	9014	-88	421.16	1417.0	323.4	100	375.3
R	Aug 2021	766	12.5	1067.96	9038	24	421.53	1322.1	286.1	93	373.4
I	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>		
C	Oct 2021	581	9.4	1066.77	8945	-71	422.27	1228.0	216.2	87	372.4
A	Nov 2021	642	10.8	1064.97	8804	-140	421.30	938.0	241.3	67	375.8
L	Dec 2021	503	8.2	1066.39	8915	111	424.48	957.0	185.9	68	369.9
*	Jan 2022	640	10.4	1067.09	8970	55	420.00	993.0	236.8	67	370.2
	Feb 2022	555	10.0	1067.63	9012	43	418.24	994.0	208.9	67	376.4
	Mar 2022	914	14.9	1064.39	8760	-253	415.94	1072.9	346.1	74	378.5
	Apr 2022	1022	17.2	1058.34	8298	-462	411.36	987.0	385.5	70	377.2
	May 2022	1018	16.5	1052.80	7887	-411	405.57	935.0	376.4	69	369.9
	Jun 2022	928	15.6	1048.94	7607	-280	397.68	1321.0	331.2	100	357.1
	Jul 2022	817	13.3	1048.45	7571	-36	395.86	1321.0	291.5	100	356.8
	Aug 2022	777	12.6	1049.30	7632	61	396.36	1321.0	276.1	100	355.6
	Sep 2022	693	11.6	1048.85	7600	-32	397.20	1321.0	245.0	100	353.4
<b>WY 2022</b>		<b>9088</b>							<b>3341.0</b>		
	Oct 2022	467	7.6	1049.03	7613	12	401.87	1001.1	168.4	76	360.6
	Nov 2022	575	9.7	1048.36	7565	-48	403.71	1026.0	207.3	78	360.3
	Dec 2022	484	7.9	1050.26	7702	137	402.20	1039.0	175.2	78	361.9
	Jan 2023	623	10.1	1052.91	7895	193	402.88	970.0	225.5	72	362.2
	Feb 2023	556	10.0	1055.19	8063	168	405.02	924.0	202.6	67	364.5
	Mar 2023	885	14.4	1053.38	7929	-133	404.04	1017.1	328.8	75	371.4
	Apr 2023	992	16.7	1048.95	7608	-322	399.94	1069.0	357.6	81	360.3
	May 2023	948	15.4	1044.57	7296	-312	396.28	943.0	341.3	74	360.1
	Jun 2023	898	15.1	1040.89	7039	-257	389.63	1236.0	312.0	100	347.4
	Jul 2023	808	13.1	1039.08	6914	-125	387.24	1188.2	280.7	100	347.5
	Aug 2023	776	12.6	1039.36	6934	19	386.80	1190.5	268.2	100	345.8
	Sep 2023	681	11.4	1038.16	6852	-82	387.00	1180.4	233.3	100	342.6
<b>WY 2023</b>		<b>8693</b>							<b>3101.0</b>		
	Oct 2023	510	8.3	1037.72	6821	-31	390.74	916.4	180.0	78	352.9
	Nov 2023	633	10.6	1036.18	6717	-104	392.45	859.3	220.6	74	348.4
	Dec 2023	522	8.5	1037.63	6816	99	389.00	1014.9	183.6	86	351.4
	Jan 2024	602	9.8	1040.11	6985	169	390.26	857.0	210.0	72	348.8

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## February 2022 24-Month Study

Most 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
*	Feb 2021	550	9.9	642.63	1688	-2	141.55	156.5	71.1	61	129.2
H	Mar 2021	920	15.0	642.69	1690	2	138.82	161.2	117.8	63	128.0
I	Apr 2021	1028	17.3	642.37	1682	-9	138.42	253.3	130.1	99	126.6
S	May 2021	1055	17.2	642.32	1680	-2	139.64	255.0	133.2	100	126.2
T	Jun 2021	901	15.1	643.33	1708	28	141.86	255.0	114.4	100	127.0
O	Jul 2021	831	13.5	643.31	1707	-1	139.09	253.3	106.2	99	127.8
R	Aug 2021	731	11.9	643.54	1713	6	144.21	255.0	93.7	100	128.2
I	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>		
C	Oct 2021	638	10.7	634.42	1471	-85	134.72	215.5	80.2	85	125.6
A	Nov 2021	543	9.1	637.48	1551	80	136.32	164.9	65.8	65	121.0
L	Dec 2021	465	7.6	638.32	1573	22	137.10	192.5	56.1	75	120.6
*	Jan 2022	523	8.5	641.60	1661	88	139.02	159.6	64.6	63	123.6
	Feb 2022	525	9.5	642.00	1671	11	140.18	176.7	66.3	69	126.3
	Mar 2022	881	14.3	642.50	1685	14	138.74	255.0	110.1	100	125.0
	Apr 2022	984	16.5	643.00	1699	14	138.48	255.0	122.7	100	124.8
	May 2022	987	16.1	643.00	1699	0	138.89	255.0	123.5	100	125.1
	Jun 2022	889	14.9	643.00	1699	0	139.27	255.0	111.5	100	125.5
	Jul 2022	809	13.2	642.00	1671	-27	139.41	255.0	101.6	100	125.6
	Aug 2022	743	12.1	642.00	1671	0	139.31	255.0	93.2	100	125.5
	Sep 2022	717	12.1	640.01	1617	-54	138.33	255.0	89.4	100	124.6
<b>WY 2022</b>		<b>8705</b>							<b>1085.2</b>		
	Oct 2022	624	10.2	633.00	1434	-183	134.59	227.0	75.7	89	121.3
	Nov 2022	491	8.3	635.00	1486	51	132.88	159.8	58.8	63	119.7
	Dec 2022	346	5.6	639.51	1604	118	137.35	154.7	42.8	61	123.7
	Jan 2023	534	8.7	641.80	1666	62	139.36	156.3	67.1	61	125.5
	Feb 2023	537	9.7	641.80	1666	0	140.08	156.6	67.7	61	126.2
	Mar 2023	831	13.5	643.05	1700	34	139.21	194.1	104.2	76	125.4
	Apr 2023	969	16.3	643.00	1699	-2	138.84	249.9	121.2	98	125.1
	May 2023	917	14.9	643.00	1699	0	139.28	255.0	115.1	100	125.5
	Jun 2023	859	14.4	643.00	1699	0	139.45	255.0	108.0	100	125.6
	Jul 2023	800	13.0	642.00	1671	-27	139.47	255.0	100.5	100	125.6
	Aug 2023	742	12.1	642.00	1671	0	139.32	255.0	93.1	100	125.5
	Sep 2023	705	11.8	640.01	1617	-54	138.41	255.0	87.9	100	124.7
<b>WY 2023</b>		<b>8357</b>							<b>1042.3</b>		
	Oct 2023	667	10.9	633.00	1434	-183	134.30	227.0	80.7	89	121.0
	Nov 2023	549	9.2	635.00	1486	51	132.47	159.8	65.5	63	119.3
	Dec 2023	384	6.2	639.51	1604	118	137.05	154.7	47.4	61	123.5
	Jan 2024	514	8.4	641.80	1666	62	139.50	156.3	64.6	61	125.7

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



# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## February 2022 24-Month Study

Most 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
*	Feb 2021	430	7.7	447.56	572	-6	79.82	97.2	29.8	81	69.3
H	Mar 2021	663	10.8	447.28	566	-5	79.45	120.0	46.2	100	69.7
I	Apr 2021	728	12.2	448.04	581	14	79.77	120.0	50.2	100	68.9
S	May 2021	746	12.1	448.51	590	9	80.39	120.0	52.0	100	69.7
T	Jun 2021	706	11.9	448.55	591	1	82.07	120.0	49.4	100	69.9
O	Jul 2021	669	10.9	448.23	585	-6	80.10	120.0	46.6	100	69.6
R	Aug 2021	586	9.5	447.51	571	-14	79.33	120.0	40.7	100	69.4
I	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>		
C	Oct 2021	421	6.8	448.37	587	-2	82.15	96.8	29.7	81	70.6
A	Nov 2021	348	5.8	447.05	562	-25	81.18	90.0	24.0	75	69.1
L	Dec 2021	281	4.6	447.33	567	5	81.34	102.6	18.6	85	66.1
*	Jan 2022	342	5.6	446.38	550	-18	80.46	93.9	23.0	78	67.4
	Feb 2022	400	7.2	447.00	561	12	75.73	85.7	26.2	71	65.4
	Mar 2022	618	10.1	447.50	571	9	74.81	116.1	40.4	97	65.3
	Apr 2022	709	11.9	448.70	593	23	75.47	120.0	46.9	100	66.1
	May 2022	711	11.6	448.70	593	0	76.05	120.0	47.3	100	66.5
	Jun 2022	717	12.1	448.70	593	0	76.05	120.0	47.8	100	66.6
	Jul 2022	689	11.2	448.00	580	-13	75.71	120.0	45.6	100	66.2
	Aug 2022	620	10.1	447.50	571	-10	75.13	120.0	40.6	100	65.5
	Sep 2022	534	9.0	447.50	570	0	74.89	120.0	34.7	100	65.1
<b>WY 2022</b>		<b>6389</b>							<b>424.8</b>		
	Oct 2022	455	7.4	447.50	571	0	76.09	93.9	29.8	78	65.7
	Nov 2022	340	5.7	447.50	570	0	76.29	90.0	22.1	75	64.9
	Dec 2022	221	3.6	446.50	552	-19	74.77	111.3	13.6	93	61.5
	Jan 2023	316	5.1	446.50	552	0	75.12	93.9	20.1	78	63.7
	Feb 2023	401	7.2	446.50	552	0	75.05	95.2	26.0	79	64.9
	Mar 2023	604	9.8	448.70	555	4	74.01	120.0	39.0	100	64.6
	Apr 2023	708	11.9	448.70	593	38	75.08	120.0	46.6	100	65.8
	May 2023	712	11.6	448.70	593	0	76.05	120.0	47.4	100	66.5
	Jun 2023	715	12.0	448.70	593	0	76.05	120.0	47.6	100	66.6
	Jul 2023	683	11.1	448.00	580	-13	75.71	120.0	45.2	100	66.2
	Aug 2023	624	10.1	447.50	571	-10	75.13	120.0	40.9	100	65.5
	Sep 2023	526	8.8	447.50	570	0	74.89	120.0	34.2	100	65.1
<b>WY 2023</b>		<b>6304</b>							<b>412.5</b>		
	Oct 2023	486	7.9	447.50	571	0	76.24	91.0	32.1	76	66.0
	Nov 2023	369	6.2	447.50	570	0	76.19	92.0	24.0	77	65.1
	Dec 2023	258	4.2	446.50	552	-19	74.73	112.3	16.1	94	62.4
	Jan 2024	307	5.0	446.50	552	0	75.17	92.9	19.6	77	63.6

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## February 2022 24-Month Study

### Most Probable Inflow\* Upper Basin Power



— BUREAU OF —  
RECLAMATION

		Glen Canyon	Flaming Gorge	Blue Mesa	Morrow Point	Crystal Reservoir	Fontenelle Reservoir
Date		1000 MWHR	1000 MWHR	1000 MWHR	1000 MWHR	1000 MWHR	1000 MWHR
*	Feb 2021	278	21	5	6	2	3
H	Mar 2021	285	20	8	11	6	3
	<b>Winter 2021</b>	<b>1738</b>	<b>132</b>	<b>46</b>	<b>60</b>	<b>25</b>	<b>14</b>
I	Apr 2021	254	19	20	28	17	3
S	May 2021	249	36	24	32	20	3
T	Jun 2021	260	30	20	30	19	3
O	Jul 2021	303	24	27	34	20	3
R	Aug 2021	310	37	25	34	20	3
I	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>
C	Oct 2021	183	29	14	22	7	2
A	Nov 2021	189	19	3	6	2	3
L	Dec 2021	226	19	2	5	2	4
*	Jan 2022	252	19	3	5	1	4
	Feb 2022	192	16	3	3	2	3
	Mar 2022	202	17	4	7	4	4
	<b>Winter 2022</b>	<b>1244</b>	<b>119</b>	<b>31</b>	<b>47</b>	<b>17</b>	<b>19</b>
	Apr 2022	175	17	12	20	11	1
	May 2022	213	47	23	38	22	5
	Jun 2022	247	17	17	26	17	7
	Jul 2022	298	22	23	29	15	8
	Aug 2022	312	32	22	29	15	6
	Sep 2022	240	32	22	28	14	3
	<b>Summer 2022</b>	<b>1486</b>	<b>167</b>	<b>119</b>	<b>169</b>	<b>93</b>	<b>29</b>
	Oct 2022	171	21	20	27	13	5
	Nov 2022	177	19	4	6	0	5
	Dec 2022	210	30	4	6	4	5
	Jan 2023	288	30	4	6	4	4
	Feb 2023	231	27	4	6	3	4
	Mar 2023	229	18	5	7	5	4
	<b>Winter 2023</b>	<b>1286</b>	<b>144</b>	<b>43</b>	<b>58</b>	<b>29</b>	<b>26</b>
	Apr 2023	210	17	8	14	9	4
	May 2023	217	36	17	28	18	5
	Jun 2023	243	60	42	55	22	7
	Jul 2023	260	25	25	31	16	8
	Aug 2023	298	37	27	31	16	6
	Sep 2023	220	36	26	30	15	5
	<b>Summer 2023</b>	<b>1227</b>	<b>175</b>	<b>120</b>	<b>159</b>	<b>81</b>	<b>30</b>
	Oct 2023	174	24	23	28	9	5
	Nov 2023	182	28	14	17	9	5
	Dec 2023	218	44	34	41	21	4
	Jan 2024	259	43	25	32	16	4

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2022 24-Month Study

Most 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>																		
Feb 2022	1,008	593	842	17987	20430	18650	39080	452	323	308	1082	17987	18650	37719	1500	555	0	21.7
Mar 2022	1,026	588	845	18264	20723	18608	39331	468	318	309	1096	18264	18608	37968	1500	914	0	21.2
Apr 2022	1,007	576	836	18525	20943	18860	39803	443	307	294	1045	18525	18860	38430	1500	1022	0	20.8
May 2022	969	571	819	18567	20926	19322	40248	399	301	255	955	18567	19322	38844	1500	1018	0	21.4
Jun 2022	947	478	717	17812	19954	19733	39687	369	194	115	677	17812	19733	38223	1500	928	0	22.4
Jul 2022	691	316	670	17002	18679	20013	38693	95	5	14	114	17002	20013	37129	1500	817	0	22.2
<b>**** CREDITABLE SPACE ****</b>																		
Aug 2022	613	306	716	17209	18844	20049	38892	613	306	716	1635	17209	20049	38892	1500	777	0	21.6
Sep 2022	652	324	746	17701	19424	19988	39412	652	324	746	1723	17701	19988	39412	2270	693	0	21.1
Oct 2022	711	359	755	18015	19840	20020	39859	711	359	755	1825	18015	20020	39859	3040	467	0	20.8
Nov 2022	724	394	748	18112	19978	20007	39985	724	394	748	1866	18112	20007	39985	3810	575	0	20.7
Dec 2022	735	379	744	18230	20087	20055	40142	735	379	744	1857	18230	20055	40142	4580	484	0	20.7
Jan 2023	793	368	744	18435	20339	19918	40257	793	368	744	1904	18435	19918	40257	5350	623	0	20.5
<b>**** EFFECTIVE SPACE ****</b>																		
Jan 2023	793	368	744	18435	20339	19918	40257	447	352	475	1274	18435	19918	39628	5350	623	0	20.5
Feb 2023	843	358	745	18796	20743	19725	40468	496	343	476	1315	18796	19725	39836	1500	556	0	20.4
Mar 2023	885	348	738	19037	21008	19557	40565	535	334	468	1336	19037	19557	39931	1500	885	0	20.3
Apr 2023	856	328	687	19207	21078	19691	40768	500	314	410	1225	19207	19691	40122	1500	992	0	20.2
May 2023	801	280	619	19113	20813	20012	40825	438	265	320	1023	19113	20012	40148	1500	948	0	21.3
Jun 2023	673	145	494	18164	19477	20324	39800	300	118	157	574	18164	20324	39062	1500	898	0	22.7
Jul 2023	476	56	423	16903	17857	20581	38438	86	5	30	121	16903	20581	37604	1500	808	0	22.5
<b>**** CREDITABLE SPACE ****</b>																		
Aug 2023	408	43	453	16967	17871	20706	38576	408	43	453	904	16967	20706	38576	1500	776	0	22.0
Sep 2023	465	64	486	17295	18311	20686	38998	465	64	486	1016	17295	20686	38998	2270	681	0	21.6
Oct 2023	542	102	493	17470	18607	20768	39375	542	102	493	1137	17470	20768	39375	3040	510	0	21.3
Nov 2023	570	143	485	17496	18695	20799	39493	570	143	485	1198	17496	20799	39493	3810	633	0	21.1
Dec 2023	607	158	481	17531	18777	20903	39680	607	158	481	1246	17531	20903	39680	4580	522	0	21.1
Jan 2024	703	245	481	17611	19040	20804	39844	703	245	481	1429	17611	20804	39844	5350	602	0	20.9
<b>**** EFFECTIVE SPACE ****</b>																		
Jan 2024	703	245	481	17611	19040	20804	39844	366	147	242	755	17611	20804	39170	5350	602	0	20.9

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