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/lc/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[1]. This action was undertaken in conjunction with the 2022 Drought Response Operations Plan[2] 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 Maximum inflow scenario is 15.70 maf, or 164% of average. The August Probable Maximum 24-Month Study includes a release volume from Glen Canyon Dam of 7.00 maf in water year 2022 and 9.50 maf in water year 2023. Under the Probable Maximum scenario, Lake Powell's physical elevation is projected to be 3,586.78 feet on December 31, 2023. With intervening flows between Lake Powell and Lake Mead of 0.970 maf in calendar year 2023, Lake Mead's physical elevation is projected to be 1,058.63 feet on December 31, 2023.

[1] For more information: https://www.usbr.gov/uc/DocLibrary/Plans/20220503-2022DROA-GlenCanyonDamOperationsDecisionLetter-508-DOI.pdf.

[2] For more information: https://www.usbr.gov/uc/DocLibrary/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.
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/uc/water/crsp/studies/24Month_08_ucb.pdf.

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2022 24-Month Study

Maximum Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2021	35	2	41	0	41	6493.52	242
H	Sep 2021	26	2	36	0	36	6491.82	230
	WY 2021	**561**	**14**	**471**	**94**	**566**		
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	75	0	75	6499.95	298
	Sep 2022	35	2	73	0	73	6494.51	258
	WY 2022	**736**	**15**	**637**	**66**	**704**		
	Oct 2022	36	1	75	0	75	6488.59	218
	Nov 2022	60	1	73	0	73	6486.48	204
	Dec 2022	49	1	75	0	75	6482.00	177
	Jan 2023	46	1	75	0	75	6476.35	147
	Feb 2023	42	0	68	0	68	6470.60	121
	Mar 2023	74	0	73	0	73	6470.82	122
	Apr 2023	114	1	35	35	70	6479.74	165
	May 2023	229	1	98	179	277	6469.37	116
	Jun 2023	484	2	99	210	309	6498.68	288
	Jul 2023	290	3	103	160	264	6501.84	312
	Aug 2023	106	2	91	0	91	6503.50	325
	Sep 2023	70	2	86	0	86	6501.20	307
	WY 2023	**1600**	**14**	**952**	**584**	**1537**		
	Oct 2023	69	1	80	0	80	6499.59	295
	Nov 2023	53	1	77	0	77	6496.18	270
	Dec 2023	34	1	80	0	80	6489.44	223
	Jan 2024	33	1	80	0	80	6481.75	176
	Feb 2024	31	1	75	0	75	6473.00	132
	Mar 2024	64	0	78	0	78	6469.62	117
	Apr 2024	97	1	35	37	71	6475.18	142
	May 2024	224	1	101	62	163	6486.01	201
	Jun 2024	404	2	104	200	303	6500.17	299
	Jul 2024	223	3	101	89	190	6504.09	330

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

Model Run ID: 3200

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2022 24-Month Study

Maximum Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Aug 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
	WY 2021	**650**	**657**	**77**	**835**	**0**	**835**				**1430**
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	79	11	136	0	136	103	6014.08	2714	146
	Sep 2022	37	75	9	134	0	134	101	6012.04	2649	144
	WY 2022	**891**	**858**	**70**	**981**	**60**	**1040**				**2179**
	Oct 2022	44	83	6	119	0	119	99	6010.78	2609	143
	Nov 2022	81	94	3	116	0	116	98	6010.02	2585	159
	Dec 2022	56	82	1	128	0	128	96	6008.57	2539	165
	Jan 2023	62	91	1	134	0	134	95	6007.19	2497	169
	Feb 2023	68	94	2	116	0	116	94	6006.46	2475	151
	Mar 2023	164	163	2	188	0	188	93	6005.59	2448	278
	Apr 2023	203	159	4	182	0	182	92	6004.76	2423	507
	May 2023	348	396	6	282	6	288	96	6007.96	2521	1113
	Jun 2023	677	502	9	104	0	104	111	6019.56	2895	739
	Jul 2023	377	351	12	77	0	77	121	6026.81	3147	180
	Aug 2023	130	115	12	117	0	117	120	6026.45	3134	141
	Sep 2023	89	105	10	126	0	126	119	6025.60	3104	150
	WY 2023	**2299**	**2236**	**68**	**1687**	**6**	**1694**				**3894**
	Oct 2023	85	96	7	118	0	118	118	6024.82	3077	152
	Nov 2023	66	90	3	113	0	113	117	6024.11	3052	145
	Dec 2023	37	83	2	123	0	123	115	6022.96	3012	147
	Jan 2024	45	92	2	123	0	123	114	6022.05	2980	148
	Feb 2024	50	94	2	115	0	115	113	6021.40	2958	141
	Mar 2024	120	134	3	60	0	60	116	6023.40	3027	143
	Apr 2024	146	120	4	58	0	58	118	6024.99	3083	304
	May 2024	318	257	7	218	0	218	119	6025.85	3113	837
	Jun 2024	525	424	10	271	0	271	125	6029.65	3251	817
	Jul 2024	270	237	14	98	0	98	130	6032.73	3372	233

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2022 24-Month Study

Maximum Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2021	7	15	9306.36	64
H	Sep 2021	4	10	9302.48	59
	WY 2021	**92**	**102**		
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
	WY 2022	**109**	**99**		
	Oct 2022	6	6	9309.46	69
	Nov 2022	8	5	9311.31	72
	Dec 2022	7	5	9312.38	74
	Jan 2023	6	5	9312.86	75
	Feb 2023	5	5	9312.98	75
	Mar 2023	6	5	9313.46	76
	Apr 2023	11	17	9309.78	70
	May 2023	38	26	9316.97	82
	Jun 2023	58	35	9329.17	105
	Jul 2023	23	33	9324.08	95
	Aug 2023	13	24	9318.11	84
	Sep 2023	10	18	9313.46	76
	WY 2023	**191**	**184**		
	Oct 2023	8	9	9312.86	75
	Nov 2023	5	6	9312.29	74
	Dec 2023	5	6	9311.58	72
	Jan 2024	5	6	9310.87	71
	Feb 2024	4	6	9309.90	70
	Mar 2024	5	6	9309.17	69
	Apr 2024	10	12	9307.89	67
	May 2024	30	18	9315.27	79
	Jun 2024	51	24	9329.69	106
	Jul 2024	24	27	9328.20	103

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2022 24-Month Study

Maximum Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2021	45	53	1	93	0	93	7450.20	310
H	Sep 2021	19	25	1	94	0	94	7436.58	241
	WY 2021	**518**	**528**	**6**	**713**	**2**	**715**		
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	7435.60	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
	WY 2022	**639**	**629**	**6**	**545**	**42**	**589**		
	Oct 2022	29	29	0	0	78	78	7433.21	225
	Nov 2022	38	35	0	0	9	9	7438.72	251
	Dec 2022	32	30	0	10	0	10	7442.86	272
	Jan 2023	31	30	0	12	0	12	7446.42	290
	Feb 2023	28	28	0	10	0	10	7449.75	308
	Mar 2023	43	42	0	10	0	10	7455.49	340
	Apr 2023	89	95	1	55	0	55	7462.07	380
	May 2023	299	287	1	165	0	165	7479.92	501
	Jun 2023	383	360	1	121	0	121	7509.48	739
	Jul 2023	141	151	2	97	0	97	7515.38	791
	Aug 2023	78	89	1	107	0	107	7513.23	772
	Sep 2023	51	59	1	108	0	108	7507.51	722
	WY 2023	**1242**	**1235**	**8**	**694**	**87**	**781**		
	Oct 2023	46	47	1	98	0	98	7501.39	670
	Nov 2023	33	34	0	69	0	69	7497.05	634
	Dec 2023	26	27	0	114	0	114	7486.02	547
	Jan 2024	25	26	0	79	0	79	7478.87	494
	Feb 2024	23	25	0	73	0	73	7472.04	445
	Mar 2024	41	42	0	67	0	67	7468.38	421
	Apr 2024	93	95	1	65	0	65	7472.66	450
	May 2024	247	235	1	93	0	93	7491.64	591
	Jun 2024	335	308	1	156	0	156	7509.69	741
	Jul 2024	140	143	2	97	0	97	7514.69	785

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2022 24-Month Study

Maximum Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2021	46	93	1	93	94	0	94	7150.92	110
H	Sep 2021	19	94	0	94	93	0	93	7152.50	111
	WY 2021	**539**	**715**	**21**	**736**	**734**	**0**	**734**		
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
	WY 2022	**664**	**589**	**25**	**614**	**612**	**0**	**612**		
	Oct 2022	31	78	2	80	80	0	80	7153.73	112
	Nov 2022	41	9	3	12	12	0	12	7153.73	112
	Dec 2022	35	10	3	13	13	0	13	7153.73	112
	Jan 2023	34	12	3	15	15	0	15	7153.73	112
	Feb 2023	31	10	3	13	13	0	13	7153.73	112
	Mar 2023	48	10	5	15	14	0	14	7153.73	112
	Apr 2023	103	55	14	69	69	0	69	7153.73	112
	May 2023	330	165	31	196	196	0	196	7153.73	112
	Jun 2023	415	121	32	153	153	0	153	7153.72	112
	Jul 2023	147	97	6	103	103	0	103	7153.73	112
	Aug 2023	83	107	5	112	112	0	112	7153.73	112
	Sep 2023	52	108	1	109	109	0	109	7153.73	112
	WY 2023	**1350**	**781**	**108**	**889**	**888**	**0**	**888**		
	Oct 2023	48	98	2	100	100	0	100	7153.73	112
	Nov 2023	35	69	2	71	71	0	71	7153.73	112
	Dec 2023	28	114	2	116	116	0	116	7153.73	112
	Jan 2024	26	79	1	80	80	0	80	7153.73	112
	Feb 2024	25	73	2	75	75	0	75	7153.73	112
	Mar 2024	43	67	2	69	68	0	68	7153.73	112
	Apr 2024	105	65	12	77	77	0	77	7153.73	112
	May 2024	274	93	27	120	120	0	120	7153.73	112
	Jun 2024	358	156	23	179	179	0	179	7153.72	112
	Jul 2024	147	97	7	104	104	0	104	7153.73	112

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2022 24-Month Study

Maximum Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Aug 2021	52	94	6	100	100	0	100	6751.69	17	65	38
H	Sep 2021	23	93	3	96	95	0	96	6752.92	17	61	36
	WY 2021	**591**	**734**	**52**	**785**	**762**	**22**	**784**			**423**	**365**
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	6746.37	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
	WY 2022	**735**	**612**	**70**	**683**	**633**	**50**	**682**			**385**	**294**
	Oct 2022	34	80	3	83	83	0	83	6753.04	17	55	28
	Nov 2022	48	12	7	19	19	0	19	6753.04	17	0	19
	Dec 2022	42	13	7	20	20	0	20	6753.04	17	0	20
	Jan 2023	39	15	5	20	20	0	20	6753.04	17	0	20
	Feb 2023	36	13	5	18	18	0	18	6753.04	17	0	18
	Mar 2023	58	14	10	24	24	0	24	6753.04	17	5	19
	Apr 2023	120	69	17	86	86	0	86	6753.04	17	42	44
	May 2023	383	196	53	249	134	114	249	6753.04	17	62	187
	Jun 2023	476	153	61	214	130	84	214	6753.03	17	61	153
	Jul 2023	164	103	17	120	120	0	120	6753.04	17	65	55
	Aug 2023	91	112	8	120	120	0	120	6753.04	17	65	55
	Sep 2023	59	109	7	116	116	0	116	6753.04	17	55	61
	WY 2023	**1550**	**888**	**200**	**1088**	**889**	**198**	**1088**			**410**	**678**
	Oct 2023	55	100	7	107	107	0	107	6753.04	17	55	52
	Nov 2023	41	71	6	77	77	0	77	6753.04	17	0	77
	Dec 2023	32	116	4	120	120	0	120	6753.04	17	0	120
	Jan 2024	30	80	4	84	84	0	84	6753.04	17	0	84
	Feb 2024	28	75	3	78	78	0	78	6753.04	17	0	78
	Mar 2024	50	68	7	75	75	0	75	6753.04	17	5	70
	Apr 2024	117	77	12	89	89	0	89	6753.04	17	42	47
	May 2024	308	120	34	154	134	20	154	6753.04	17	62	92
	Jun 2024	398	179	40	219	130	89	219	6753.03	17	61	158
	Jul 2024	163	104	16	120	120	0	120	6753.04	17	65	55

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

Model Run ID: 3200

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2022 24-Month Study

Maximum Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2021	13	34	7628.72	43
H	Sep 2021	7	26	7615.74	24
	WY 2021	**166**	**169**		
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
	WY 2022	**178**	**173**		
	Oct 2022	10	17	7611.29	19
	Nov 2022	10	2	7618.32	27
	Dec 2022	8	2	7622.78	33
	Jan 2023	7	2	7626.10	38
	Feb 2023	6	2	7628.65	43
	Mar 2023	10	2	7633.09	51
	Apr 2023	28	2	7645.48	77
	May 2023	99	55	7662.97	120
	Jun 2023	103	80	7670.91	142
	Jul 2023	29	43	7665.75	128
	Aug 2023	19	38	7658.42	108
	Sep 2023	17	30	7653.30	95
	WY 2023	**346**	**274**		
	Oct 2023	16	17	7652.72	94
	Nov 2023	9	4	7654.65	99
	Dec 2023	6	4	7655.34	100
	Jan 2024	6	4	7656.05	102
	Feb 2024	5	4	7656.50	103
	Mar 2024	11	2	7659.97	112
	Apr 2024	28	5	7668.24	135
	May 2024	78	68	7671.65	144
	Jun 2024	84	63	7678.41	165
	Jul 2024	33	41	7675.48	156

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

Model Run ID: 3200

Processed On: 8/12/2022 1:20:16PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2022 24-Month Study

Maximum Probable Inflow*

Navajo Reservoir

BUREAU OF RECLAMATION

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azotea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Aug 2021	5	1	24	3	39	41	6030.18	1010	48
H	Sep 2021	-3	0	16	2	25	48	6024.10	951	49
	WY 2021	**461**	**60**	**405**	**23**	**222**	**359**			**549**
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	7	48	3	47	21	6023.03	894	43
	Sep 2022	30	7	43	2	29	17	6022.59	890	35
	WY 2022	**561**	**74**	**483**	**20**	**214**	**263**			**567**
	Oct 2022	29	6	30	1	9	15	6023.02	894	32
	Nov 2022	47	2	37	1	0	15	6025.32	915	37
	Dec 2022	38	0	31	0	0	15	6026.97	930	32
	Jan 2023	34	0	28	0	0	15	6028.29	943	30
	Feb 2023	42	2	35	1	0	14	6030.44	964	28
	Mar 2023	108	15	85	1	5	15	6036.75	1027	38
	Apr 2023	231	30	175	2	21	15	6049.37	1164	75
	May 2023	425	49	331	3	35	247	6053.28	1210	439
	Jun 2023	343	46	274	4	51	297	6046.56	1132	513
	Jul 2023	54	9	59	4	56	80	6039.14	1052	157
	Aug 2023	43	5	57	3	39	17	6038.91	1049	60
	Sep 2023	45	5	53	2	18	17	6040.37	1065	51
	WY 2023	**1439**	**170**	**1197**	**23**	**235**	**764**			**1494**
	Oct 2023	45	2	45	1	9	15	6042.11	1083	46
	Nov 2023	30	1	24	1	0	15	6042.90	1092	33
	Dec 2023	23	0	21	1	0	15	6043.37	1097	30
	Jan 2024	21	0	19	1	0	22	6043.09	1094	35
	Feb 2024	31	1	29	1	0	20	6043.81	1101	32
	Mar 2024	102	10	83	1	6	22	6048.65	1156	48
	Apr 2024	185	18	144	2	21	21	6057.00	1255	82
	May 2024	307	34	262	4	36	128	6064.44	1350	286
	Jun 2024	272	25	226	4	52	221	6060.52	1299	407
	Jul 2024	71	2	77	4	55	22	6060.20	1295	101

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

Model Run ID: 3200

Processed On: 8/12/2022 1:20:16PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2022 24-Month Study

Maximum Probable Inflow*

Lake Powell

BUREAU OF RECLAMATION

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Aug 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
	WY 2021	**3502**	**4064**	**277**	**8229**	**0**	**8229**				**8279**
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	427	27	717	0	717	3531.38	4527	5919	730
	Sep 2022	240	410	24	544	0	544	3528.90	4515	5772	557
	WY 2022	**5961**	**6081**	**203**	**7000**	**0**	**7000**				**7109**
	Oct 2022	350	476	16	643	0	643	3526.00	4502	5602	659
	Nov 2022	724	700	16	642	0	642	3526.66	4505	5641	658
	Dec 2022	579	606	13	715	0	715	3524.72	4496	5529	731
	Jan 2023	531	566	3	919	0	919	3518.86	4470	5198	937
	Feb 2023	531	535	3	813	0	813	3514.08	4449	4937	835
	Mar 2023	879	797	6	716	142	858	3512.92	4444	4875	886
	Apr 2023	1410	1189	10	764	0	764	3519.96	4474	5260	781
	May 2023	3475	3188	14	761	0	761	3555.81	4653	7493	774
	Jun 2023	4441	3657	31	798	0	798	3589.95	4863	10112	807
	Jul 2023	1535	1281	43	902	0	902	3593.58	4888	10423	916
	Aug 2023	628	662	43	963	0	963	3589.86	4862	10104	976
	Sep 2023	618	707	39	722	0	722	3589.27	4858	10054	734
	WY 2023	**15701**	**14364**	**239**	**9358**	**142**	**9500**				**9694**
	Oct 2023	670	736	27	643	0	643	3589.99	4863	10115	658
	Nov 2023	524	593	27	642	0	642	3589.17	4857	10046	654
	Dec 2023	354	520	21	715	0	715	3586.78	4841	9846	726
	Jan 2024	364	497	6	857	0	857	3582.64	4814	9507	874
	Feb 2024	398	503	7	758	0	758	3579.63	4795	9265	779
	Mar 2024	660	561	11	801	0	801	3576.69	4776	9032	827
	Apr 2024	1106	866	17	713	0	713	3578.28	4786	9158	728
	May 2024	2555	2192	22	710	0	710	3594.57	4894	10510	717
	Jun 2024	3265	2857	40	745	0	745	3615.23	5048	12428	750
	Jul 2024	1366	1159	53	842	0	842	3617.67	5067	12673	856

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

Model Run ID: 3200

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2022 24-Month Study

Maximum Probable Inflow*

Hoover Dam - Lake Mead

BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Aug 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
	WY 2021	**8229**	**557**	**529**	**9361**		**241**	**9360**			
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	7187
*	Jul 2022	672	73	45	822	13.4	34	814	458	1040.92	7041
	Aug 2022	717	67	48	630	10.2	35	630	462	1041.87	7107
	Sep 2022	544	65	47	634	10.7	27	634	456	1040.52	7014
	WY 2022	**7000**	**606**	**462**	**9051**		**242**	**9040**			
	Oct 2022	643	86	45	500	8.1	20	500	466	1042.75	7168
	Nov 2022	642	84	39	586	9.9	9	586	472	1043.97	7254
	Dec 2022	715	82	32	503	8.2	4	503	487	1047.39	7496
	Jan 2023	919	96	23	599	9.7	10	599	511	1052.39	7856
	Feb 2023	813	115	22	543	9.8	8	543	532	1056.91	8190
	Mar 2023	858	149	24	877	14.3	14	877	538	1058.06	8276
	Apr 2023	764	88	32	989	16.6	16	989	527	1055.73	8102
	May 2023	761	68	40	970	15.8	20	970	514	1053.17	7913
	Jun 2023	798	45	49	909	15.3	28	909	506	1051.33	7779
	Jul 2023	902	74	47	822	13.4	32	822	510	1052.30	7850
	Aug 2023	963	67	51	793	12.9	34	793	520	1054.25	7993
	Sep 2023	722	65	50	687	11.5	30	687	521	1054.50	8011
	WY 2023	**9500**	**1020**	**454**	**8778**		**225**	**8778**			
	Oct 2023	643	80	48	521	8.5	24	521	529	1056.15	8134
	Nov 2023	642	64	42	644	10.8	14	644	529	1056.22	8139
	Dec 2023	715	59	34	538	8.7	9	538	541	1058.63	8320
	Jan 2024	857	91	24	570	9.3	10	570	562	1062.86	8642
	Feb 2024	758	109	23	540	9.4	8	540	580	1066.46	8920
	Mar 2024	801	135	25	850	13.8	15	850	583	1067.02	8964
	Apr 2024	713	79	34	961	16.2	17	961	569	1064.37	8758
	May 2024	710	36	42	942	15.3	21	942	553	1061.21	8515
	Jun 2024	745	26	51	879	14.8	29	879	542	1058.88	8339
	Jul 2024	842	73	49	791	12.9	33	791	545	1059.41	8379

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

Model Run ID: 3200

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2022 24-Month Study

Maximum Probable Inflow*

Davis Dam - Lake Mohave

BUREAU OF RECLAMATION

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Aug 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
	WY 2021	**9361**	**-82**	**198**	**9040**	**0**	**9040**			
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	641.60	1661
R	Feb 2022	590	-26	8	555	0	555	10.0	641.69	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
	WY 2022	**9051**	**-233**	**151**	**8646**	**0**	**8646**			
	Oct 2022	500	-11	14	632	0	632	10.3	633.00	1434
	Nov 2022	586	-16	13	506	0	506	8.5	635.00	1486
	Dec 2022	503	-5	13	367	0	367	6.0	639.51	1604
	Jan 2023	599	-12	9	516	0	516	8.4	641.80	1666
	Feb 2023	543	-11	8	525	0	525	9.4	641.80	1666
	Mar 2023	877	-9	10	824	0	824	13.4	643.05	1700
	Apr 2023	989	-13	13	965	0	965	16.2	643.00	1699
	May 2023	970	-13	14	942	0	942	15.3	643.00	1699
	Jun 2023	909	-18	14	877	0	877	14.7	643.00	1699
	Jul 2023	822	-19	12	818	0	818	13.3	642.00	1671
	Aug 2023	793	-17	15	760	0	760	12.4	642.00	1671
	Sep 2023	687	-8	16	717	0	717	12.0	640.01	1617
	WY 2023	**8778**	**-151**	**151**	**8448**	**0**	**8448**			
	Oct 2023	521	-11	14	679	0	679	11.0	633.00	1434
	Nov 2023	644	-16	13	564	0	564	9.5	635.00	1486
	Dec 2023	538	-5	13	402	0	402	6.5	639.51	1604
	Jan 2024	570	-12	9	488	0	488	7.9	641.80	1666
	Feb 2024	540	-11	8	522	0	522	9.1	641.80	1666
	Mar 2024	850	-9	10	797	0	797	13.0	643.05	1700
	Apr 2024	961	-13	13	937	0	937	15.8	643.00	1699
	May 2024	942	-13	14	915	0	915	14.9	643.00	1699
	Jun 2024	879	-18	14	846	0	846	14.2	643.00	1699
	Jul 2024	791	-19	12	786	0	786	12.8	642.00	1671

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

Model Run ID: 3200

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2022 24-Month Study

Maximum Probable Inflow*

Parker Dam - Lake Havasu

BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Aug 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
	WY 2021	**9040**	**116**	**140**	**6393**		**1065**	**1441**			**1519**	
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
	WY 2022	**8646**	**146**	**140**	**6344**		**1112**	**1129**			**1487**	
	Oct 2022	632	18	12	442	7.2	100	89	447.50	570	62	1.0
	Nov 2022	506	17	9	375	6.3	69	65	447.50	571	91	1.5
	Dec 2022	367	18	7	259	4.2	72	62	446.50	552	86	1.4
	Jan 2023	516	14	6	310	5.0	94	115	446.50	552	136	2.2
	Feb 2023	525	5	8	401	7.2	13	101	446.50	552	122	2.2
	Mar 2023	824	4	9	609	9.9	94	104	446.70	555	145	2.4
	Apr 2023	965	8	11	715	12.0	91	108	448.70	593	144	2.4
	May 2023	942	6	13	722	11.7	94	108	448.70	593	108	1.8
	Jun 2023	877	7	16	719	12.1	91	45	448.70	593	114	1.9
	Jul 2023	818	14	17	684	11.1	94	37	448.00	580	120	2.0
	Aug 2023	760	13	17	624	10.2	94	36	447.50	571	100	1.6
	Sep 2023	717	12	15	524	8.8	91	88	447.50	570	97	1.6
	WY 2023	**8448**	**135**	**139**	**6384**		**997**	**957**			**1325**	
	Oct 2023	679	18	12	482	7.8	94	102	447.50	571	87	1.4
	Nov 2023	564	17	9	372	6.2	91	103	447.50	570	113	1.9
	Dec 2023	402	18	7	260	4.2	94	73	446.50	552	108	1.8
	Jan 2024	488	14	6	313	5.1	56	122	446.50	552	138	2.2
	Feb 2024	522	5	8	404	7.0	0	108	446.50	552	124	2.2
	Mar 2024	797	4	9	612	10.0	56	111	446.70	555	147	2.4
	Apr 2024	937	8	11	719	12.1	53	114	448.70	593	147	2.5
	May 2024	915	6	13	726	11.8	56	114	448.70	593	110	1.8
	Jun 2024	846	7	16	723	12.1	53	48	448.70	593	116	2.0
	Jul 2024	786	14	17	688	11.2	56	41	448.00	580	123	2.0

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

Model Run ID: 3200

Processed On: 8/12/2022 1:20:16PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2022 24-Month Study

Maximum Probable Inflow*

Hoover Dam - Lake Mead

BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 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
	WY 2021	**9361**							**3643.8**		
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	1041.87	7107	66	388.90	1224.8	218.5	94	346.7
	Sep 2022	634	10.7	1040.52	7014	-93	390.32	1213.0	218.2	94	343.9
	WY 2022	**9051**							**3288.4**		
	Oct 2022	500	8.1	1042.75	7168	154	395.64	838.0	179.1	69	357.8
	Nov 2022	586	9.9	1043.97	7254	86	399.04	879.2	209.6	72	357.5
	Dec 2022	503	8.2	1047.39	7496	242	398.59	978.6	181.0	78	359.8
	Jan 2023	599	9.7	1052.39	7856	360	401.16	935.5	214.9	72	359.0
	Feb 2023	543	9.8	1056.91	8190	334	405.70	890.0	197.8	66	364.4
	Mar 2023	877	14.3	1058.06	8276	86	407.46	980.6	329.0	73	375.0
	Apr 2023	989	16.6	1055.73	8102	-174	406.57	954.3	365.8	72	370.0
	May 2023	970	15.8	1053.17	7913	-189	404.14	941.3	358.8	72	370.0
	Jun 2023	909	15.3	1051.33	7779	-134	400.64	1092.6	329.1	85	361.9
	Jul 2023	822	13.4	1052.30	7850	71	398.94	1300.4	296.1	100	360.1
	Aug 2023	793	12.9	1054.25	7993	143	400.71	1316.9	285.9	100	360.6
	Sep 2023	687	11.5	1054.50	8011	19	402.44	1319.1	245.8	100	358.1
	WY 2023	**8778**							**3192.9**		
	Oct 2023	521	8.5	1056.15	8134	122	408.89	922.5	193.4	69	371.1
	Nov 2023	644	10.8	1056.22	8139	5	412.05	919.3	237.4	69	368.8
	Dec 2023	538	8.7	1058.63	8320	181	411.17	933.9	195.5	69	363.7
	Jan 2024	570	9.3	1062.86	8642	322	411.97	995.5	209.2	72	366.7
	Feb 2024	540	9.4	1066.46	8920	279	415.55	957.4	200.4	67	371.2
	Mar 2024	850	13.8	1067.02	8964	44	416.39	1069.8	324.7	75	382.1
	Apr 2024	961	16.2	1064.37	8758	-206	414.34	1135.2	358.5	81	373.0
	May 2024	942	15.3	1061.21	8515	-243	412.19	1021.5	354.5	74	376.1
	Jun 2024	879	14.8	1058.88	8339	-176	408.74	1100.1	324.5	81	369.2
	Jul 2024	791	12.9	1059.41	8379	40	406.20	1361.0	289.5	100	365.9

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

Model Run ID: 3200

Processed On: 8/12/2022 1:20:16PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2022 24-Month Study

Maximum Probable Inflow*

Davis Dam - Lake Mohave

BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 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
	WY 2021	**9040**							**1141.6**		
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
	WY 2022	**8646**							**1090.1**		
	Oct 2022	632	10.3	633.00	1434	-156	134.03	227.0	76.3	89	120.8
	Nov 2022	506	8.5	635.00	1486	51	132.77	159.8	60.5	63	119.6
	Dec 2022	367	6.0	639.51	1604	118	137.19	154.7	45.3	61	123.6
	Jan 2023	516	8.4	641.80	1666	62	139.48	156.3	64.8	61	125.7
	Feb 2023	525	9.4	641.80	1666	0	140.18	156.6	66.3	61	126.3
	Mar 2023	824	13.4	643.05	1700	34	139.24	194.1	103.4	76	125.4
	Apr 2023	965	16.2	643.00	1699	-2	138.86	249.9	120.7	98	125.1
	May 2023	942	15.3	643.00	1699	0	139.14	255.0	118.1	100	125.4
	Jun 2023	877	14.7	643.00	1699	0	139.34	255.0	110.1	100	125.5
	Jul 2023	818	13.3	642.00	1671	-27	139.36	255.0	102.7	100	125.6
	Aug 2023	760	12.4	642.00	1671	0	139.21	255.0	95.3	100	125.4
	Sep 2023	717	12.0	640.01	1617	-54	138.34	255.0	89.3	100	124.6
	WY 2023	**8448**							**1052.9**		
	Oct 2023	679	11.0	633.00	1434	-183	134.22	227.0	82.1	89	120.9
	Nov 2023	564	9.5	635.00	1486	51	132.37	159.8	67.2	63	119.3
	Dec 2023	402	6.5	639.51	1604	118	136.92	154.7	49.6	61	123.4
	Jan 2024	488	7.9	641.80	1666	62	139.68	156.3	61.4	61	125.8
	Feb 2024	522	9.1	641.80	1666	0	140.33	156.6	66.0	61	126.4
	Mar 2024	797	13.0	643.05	1700	34	139.41	194.1	100.1	76	125.6
	Apr 2024	937	15.8	643.00	1699	-2	139.02	249.9	117.4	98	125.2
	May 2024	915	14.9	643.00	1699	0	139.30	255.0	114.8	100	125.5
	Jun 2024	846	14.2	643.00	1699	0	139.52	255.0	106.4	100	125.7
	Jul 2024	786	12.8	642.00	1671	-27	139.55	255.0	98.9	100	125.7

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

Model Run ID: 3200

Processed On: 8/12/2022 1:20:16PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2022 24-Month Study

Maximum Probable Inflow*

Parker Dam - Lake Havasu

BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 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
	WY 2021	**6393**							**442.4**		
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
	WY 2022	**6343**							**439.8**		
	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
	WY 2023	**6384**							**441.9**		
	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	313	5.1	446.50	552	0	79.70	92.9	20.9	77	66.8
	Feb 2024	404	7.0	446.50	552	0	78.72	95.4	28.0	79	69.2
	Mar 2024	612	10.0	446.70	555	4	77.50	120.0	42.0	100	68.6
	Apr 2024	719	12.1	448.70	593	38	77.76	120.0	50.0	100	69.5
	May 2024	726	11.8	448.70	593	0	78.87	120.0	51.0	100	70.3
	Jun 2024	723	12.1	448.70	593	0	78.74	120.0	50.7	100	70.2
	Jul 2024	688	11.2	448.00	580	-13	78.76	120.0	48.0	100	69.8

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

Model Run ID: 3200

Processed On: 8/12/2022 1:20:16PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2022 24-Month Study

Maximum Probable Inflow*

Upper Basin Power

	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
	Summer 2021	**1614**	**182**	**140**	**190**	**114**	**17**
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
	Winter 2022	**1259**	**123**	**34**	**50**	**17**	**19**
C	Apr 2022	179	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	45	23	31	15	6
	Sep 2022	194	44	10	29	14	5
	Summer 2022	**1317**	**230**	**104**	**161**	**90**	**28**
	Oct 2022	227	39	0	29	14	5
	Nov 2022	226	38	0	4	3	5
	Dec 2022	252	42	2	5	3	5
	Jan 2023	320	44	3	5	3	5
	Feb 2023	279	38	3	5	3	4
	Mar 2023	245	61	3	5	4	4
	Winter 2023	**1549**	**261**	**11**	**53**	**32**	**27**
	Apr 2023	262	59	15	25	15	2
	May 2023	275	92	46	70	23	6
	Jun 2023	313	34	36	55	22	6
	Jul 2023	369	26	30	37	21	8
	Aug 2023	394	39	34	40	21	7
	Sep 2023	295	43	34	39	20	7
	Summer 2023	**1908**	**292**	**194**	**267**	**122**	**36**
	Oct 2023	262	40	30	36	19	6
	Nov 2023	262	38	21	26	13	6
	Dec 2023	291	41	34	42	21	6
	Jan 2024	346	41	23	29	15	5
	Feb 2024	304	38	21	27	13	4
	Mar 2024	319	20	19	25	13	4
	Winter 2024	**1465**	**198**	**128**	**160**	**81**	**27**
	Apr 2024	284	19	18	28	15	2
	May 2024	288	73	27	43	23	6
	Jun 2024	314	91	47	65	22	7
	Jul 2024	364	33	30	37	21	8

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

Model Run ID: 3200

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2022 24-Month Study

Maximum Probable Inflow*

Flood Control Criteria - Beginning of Month Conditions

— BUREAU OF —
RECLAMATION

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Aug 2022	899	457	732	17102	19190	20579	39769	899	457	732	2088	17102	20579	39769	1500	630	0	19.7
Sep 2022	999	499	754	17395	19647	20513	40159	999	499	754	2252	17395	20513	40159	2270	634	0	19.2
Oct 2022	1,104	549	758	17542	19953	20606	40560	1104	549	758	2412	17542	20606	40560	3040	500	0	18.9
Nov 2022	1,184	599	754	17711	20249	20452	40701	1184	599	754	2538	17711	20452	40701	3810	586	0	19.1
Dec 2022	1,222	573	733	17673	20201	20366	40567	1222	573	733	2528	17673	20366	40567	4580	503	0	19.3
Jan 2023	1,294	553	717	17785	20350	20124	40474	1294	553	717	2564	17785	20124	40474	5350	599	0	19.4
								****EFFECTIVE SPACE****										
Jan 2023	1,294	553	717	17785	20350	20124	40474	811	545	305	1661	17785	20124	39570	5350	599	0	19.4
Feb 2023	1,366	535	705	18116	20722	19764	40485	883	526	292	1701	18116	19764	39580	1500	543	0	19.4
Mar 2023	1,415	517	684	18377	20993	19430	40422	931	508	270	1709	18377	19430	39515	1500	877	0	19.6
Apr 2023	1,441	484	621	18439	20985	19344	40329	954	474	200	1629	18439	19344	39412	1500	989	0	20.0
May 2023	1,423	445	484	18054	20406	19518	39924	933	440	41	1414	18054	19518	38986	1500	970	0	22.3
Jun 2023	1,374	323	438	15821	17957	19707	37663	873	306	-44	1135	15821	19707	36663	1500	909	0	25.5
Jul 2023	827	86	516	13202	14631	19841	34471	301	44	-21	323	13202	19841	33366	1500	822	0	26.1
								****CREDITABLE SPACE****										
Aug 2023	551	33	596	12891	14072	19770	33842	551	33	596	1181	12891	19770	33842	1500	793	0	25.8
Sep 2023	551	53	599	13210	14412	19627	34040	551	53	599	1203	13210	19627	34040	2270	687	0	25.7
Oct 2023	599	103	583	13260	14545	19609	34154	599	103	583	1286	13260	19609	34154	3040	521	0	25.6
Nov 2023	639	155	565	13198	14557	19486	34044	639	155	565	1359	13198	19486	34044	3810	644	0	25.5
Dec 2023	689	191	556	13268	14704	19481	34185	689	191	556	1436	13268	19481	34185	4580	538	0	25.4
Jan 2024	776	278	551	13468	15072	19300	34372	776	278	551	1605	13468	19300	34372	5350	570	0	25.3
								****EFFECTIVE SPACE****										
Jan 2024	776	278	551	13468	15072	19300	34372	531	274	386	1190	13468	19300	33957	5350	570	0	25.3
Feb 2024	854	331	554	13807	15547	18978	34525	608	328	388	1324	13807	18978	34109	1500	540	0	25.2
Mar 2024	921	379	546	14049	15896	18700	34596	674	377	379	1430	14049	18700	34179	1500	850	0	25.2
Apr 2024	867	404	492	14282	16045	18656	34701	613	403	318	1334	14282	18656	34272	1500	961	0	25.3
May 2024	786	375	393	14156	15710	18862	34572	526	375	195	1096	14156	18862	34114	1500	942	0	26.8
Jun 2024	696	234	298	12804	14032	19105	33138	426	221	61	708	12804	19105	32617	1500	879	0	28.9
Jul 2024	460	84	349	10886	11778	19281	31060	172	43	56	270	10886	19281	30437	1500	791	0	29.3

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

Model Run ID: 3200

Processed On: 8/12/2022 1:20:16PM