

To: All Annual Operating Plan Recipients

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In addition to the May 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 an additional model run in May to determine a possible range of reservoir elevations under a Probable Minimum inflow scenario. The April 2022 24-Month Study Probable Maximum inflow, along with the May 2022 24-Month Study Probable Minimum inflow, was used to determine the range of probable outcomes. Normally, outside of the DROA, Probable Minimum and Probable Maximum model runs are only conducted in January, April, August, and October. 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/May-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 2022¹. This action was undertaken in conjunction with 2022 Drought Response Operations Plan² actions, which together are anticipated to add approximately one million additional acre-feet of storage to Lake Powell by April 2023.

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 0.48 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 Study will similarly model Lakes Powell and Mead as if the 0.48 maf had been delivered to Lake Mead for operating tier/condition purposes. Should the August 2022 24-Month Study determine that Glen Canyon Dam will operate in a balancing condition in water year 2023, Reclamation operations will be implemented in a manner that preserves the benefits to Glen Canyon Dam facilities and operations in 2023.

The water year 2022 unregulated inflow in the Probable Minimum inflow scenario is 4.93 maf, or 51% of average. The May Probable Minimum 24-Month Study includes a release volume from Glen Canyon Dam of 7.00 maf in water year 2022 and 7.00 maf in water year 2023. Under the probable minimum scenario, Lake

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>.

Powell's elevation is projected to be 3,512.56 feet on December 31, 2022. With intervening flows between Lake Powell and Lake Mead of 0.550 maf in calendar year 2022, Lake Mead's elevation is projected to be 1,038.16 feet on December 31, 2022.

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 Memorandum of Understanding is available online at:

https://www.usbr.gov/lc/region/g4000/2021_MOU.pdf.

The Assistant Secretary of Water and Science Glen Canyon Dam Operations Decision Letter is available online at:

<https://www.usbr.gov/uc/DocLibrary/Plans/20220503-2022DROA-GlenCanyonDamOperationsDecisionLetter-508-DOI.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_05_ucb.pdf.

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2022 24-Month Study

Minimum Probable Inflow*

Fontenelle Reservoir



— BUREAU OF —
RECLAMATION

Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
* May 2021	76	1	49	0	49	6478.67	152
H Jun 2021	143	2	42	0	42	6494.76	251
I Jul 2021	45	2	43	0	43	6494.70	250
S Aug 2021	35	2	41	0	41	6493.52	242
T Sep 2021	26	2	36	0	36	6491.82	230
WY 2021	561	14	471	94	566		
O Oct 2021	37	1	33	4	37	6491.62	229
R Nov 2021	39	1	43	0	43	6491.01	225
I Dec 2021	29	1	50	0	50	6487.63	203
C Jan 2022	29	1	51	0	51	6483.90	180
A Feb 2022	23	1	46	0	46	6479.63	157
L Mar 2022	46	1	50	0	50	6478.63	151
* Apr 2022	50	1	5	44	49	6478.74	152
May 2022	73	1	37	0	37	6484.95	195
Jun 2022	132	2	30	0	30	6499.60	295
Jul 2022	64	3	62	0	62	6499.49	294
Aug 2022	34	2	61	0	61	6495.60	266
Sep 2022	28	2	54	0	54	6491.74	239
WY 2022	585	15	521	48	569		
Oct 2022	39	1	55	0	55	6489.17	222
Nov 2022	39	1	55	0	55	6486.58	205
Dec 2022	31	1	57	0	57	6482.20	178
Jan 2023	29	1	57	0	57	6476.78	150
Feb 2023	26	0	51	0	51	6471.26	124
Mar 2023	43	0	56	0	56	6467.95	110
Apr 2023	66	1	34	19	54	6470.70	121
May 2023	117	1	55	0	55	6482.85	182
Jun 2023	202	2	85	0	85	6499.82	297
Jul 2023	91	3	63	0	63	6503.05	321
Aug 2023	42	2	63	0	63	6500.02	298
Sep 2023	32	2	57	0	57	6496.48	272
WY 2023	757	15	690	19	709		
Oct 2023	39	1	58	0	58	6493.64	252
Nov 2023	39	1	61	0	61	6490.40	230
Dec 2023	32	1	63	0	63	6485.45	198
Jan 2024	30	1	63	0	63	6479.70	165
Feb 2024	28	0	59	0	59	6473.26	133
Mar 2024	50	0	63	0	63	6470.26	119
Apr 2024	77	1	71	0	71	6471.41	124

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2022 24-Month Study

Minimum Probable Inflow*

Flaming Gorge Reservoir



— BUREAU OF —
RECLAMATION

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	May 2021	96	72	8	95	0	95	127	6024.69	3149	296
H	Jun 2021	148	46	10	80	0	80	125	6023.52	3106	205
I	Jul 2021	48	43	12	65	0	65	124	6022.61	3073	80
S	Aug 2021	44	50	12	98	0	98	121	6021.02	3016	111
T	Sep 2021	27	37	10	96	0	96	119	6019.15	2950	107
	WY 2021	650	657	77	835	0	835				1430
O	Oct 2021	49	50	7	77	0	77	117	6018.23	2918	107
R	Nov 2021	47	49	3	51	0	51	117	6018.09	2913	87
I	Dec 2021	21	41	2	52	0	52	117	6017.72	2900	82
C	Jan 2022	33	55	2	52	0	52	117	6017.75	2901	80
A	Feb 2022	30	53	2	47	0	47	117	6017.87	2905	70
L	Mar 2022	74	83	3	52	0	52	118	6018.65	2932	111
*	Apr 2022	66	62	5	51	0	51	118	6018.81	2938	179
	May 2022	101	64	7	163	0	163	114	6015.77	2769	519
	Jun 2022	162	59	9	145	0	145	111	6012.98	2679	399
	Jul 2022	66	64	11	70	0	70	110	6012.47	2663	111
	Aug 2022	37	63	10	98	0	98	108	6011.09	2619	112
	Sep 2022	30	55	9	95	0	95	106	6009.60	2572	106
	WY 2022	715	699	69	953	0	953				1963
	Oct 2022	44	60	6	91	0	91	105	6008.47	2536	113
	Nov 2022	45	61	3	83	0	83	104	6007.69	2512	112
	Dec 2022	31	57	1	83	0	83	103	6006.83	2486	108
	Jan 2023	39	67	1	83	0	83	102	6006.28	2469	108
	Feb 2023	40	65	2	75	0	75	102	6005.93	2458	100
	Mar 2023	70	83	2	83	0	83	102	6005.86	2456	148
	Apr 2023	93	81	4	72	0	72	102	6006.03	2461	236
	May 2023	169	107	6	125	0	125	101	6005.27	2438	537
	Jun 2023	250	133	8	51	0	51	104	6007.60	2510	277
	Jul 2023	91	63	11	52	0	52	104	6007.62	2510	71
	Aug 2023	43	64	10	58	0	58	104	6007.49	2506	69
	Sep 2023	33	57	9	57	0	57	103	6007.23	2498	63
	WY 2023	948	900	63	913	0	913				1943
	Oct 2023	45	64	6	52	0	52	104	6007.41	2504	74
	Nov 2023	47	68	3	51	0	51	104	6007.87	2518	79
	Dec 2023	33	64	1	52	0	52	105	6008.20	2528	77
	Jan 2024	40	73	1	52	0	52	105	6008.79	2546	77
	Feb 2024	41	73	2	49	0	49	106	6009.48	2568	74
	Mar 2024	87	99	2	52	0	52	108	6010.84	2611	126
	Apr 2024	113	107	4	51	0	51	110	6012.43	2661	253

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2022 24-Month Study

Minimum Probable Inflow*

Taylor Park Reservoir



— BUREAU OF —
RECLAMATION

Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
* May 2021	16	10	9310.13	70
H Jun 2021	24	16	9314.87	78
I Jul 2021	11	16	9311.57	72
S Aug 2021	7	15	9306.36	64
T Sep 2021	4	10	9302.48	59
WY 2021	92	102		
O Oct 2021	5	5	9302.69	59
R Nov 2021	4	4	9302.58	59
I Dec 2021	5	5	9302.55	59
C Jan 2022	4	4	9302.29	58
A Feb 2022	3	4	9301.88	58
L Mar 2022	4	4	9301.56	57
* Apr 2022	8	6	9302.96	59
May 2022	23	9	9312.03	73
Jun 2022	35	15	9323.45	93
Jul 2022	13	18	9320.79	88
Aug 2022	7	15	9316.49	81
Sep 2022	6	15	9311.27	72
WY 2022	117	104		
Oct 2022	6	6	9311.28	72
Nov 2022	4	5	9310.82	71
Dec 2022	4	5	9310.15	70
Jan 2023	4	5	9309.55	69
Feb 2023	4	5	9308.92	68
Mar 2023	4	5	9308.40	67
Apr 2023	8	4	9310.89	71
May 2023	23	9	9318.99	85
Jun 2023	28	15	9326.06	98
Jul 2023	9	18	9321.44	90
Aug 2023	7	18	9315.07	78
Sep 2023	6	15	9309.61	69
WY 2023	108	111		
Oct 2023	6	6	9309.70	69
Nov 2023	5	5	9309.36	69
Dec 2023	4	5	9308.84	68
Jan 2024	5	5	9308.49	68
Feb 2024	4	5	9307.94	67
Mar 2024	5	5	9307.55	66
Apr 2024	9	9	9307.61	66

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2022 24-Month Study

Minimum Probable Inflow*

Blue Mesa Reservoir



— BUREAU OF —
RECLAMATION

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2021	90	83	1	96	2	98	7457.14	350
H	Jun 2021	127	119	1	77	0	77	7463.84	391
I	Jul 2021	53	58	1	98	0	98	7457.21	350
S	Aug 2021	45	53	1	93	0	93	7450.20	310
T	Sep 2021	19	25	1	94	0	94	7436.58	241
	WY 2021	518	528	6	713	2	715		
O	Oct 2021	27	26	0	58	0	58	7429.52	209
R	Nov 2021	27	27	0	16	0	16	7431.94	220
I	Dec 2021	22	22	0	11	0	11	7434.40	231
C	Jan 2022	20	20	0	14	0	14	7435.60	236
A	Feb 2022	18	19	0	14	0	14	7436.57	241
L	Mar 2022	30	30	0	32	0	32	7436.17	239
*	Apr 2022	62	60	0	44	0	46	7438.94	252
	May 2022	129	115	1	62	0	62	7449.11	304
	Jun 2022	159	139	1	61	0	61	7462.26	381
	Jul 2022	55	60	1	79	0	79	7458.95	361
	Aug 2022	40	48	1	80	0	80	7453.34	328
	Sep 2022	28	37	1	32	42	73	7446.62	291
	WY 2022	616	602	6	503	42	547		
	Oct 2022	32	32	0	0	69	69	7439.25	254
	Nov 2022	29	30	0	0	14	14	7442.56	270
	Dec 2022	26	27	0	14	0	14	7445.01	283
	Jan 2023	24	25	0	14	0	14	7447.14	294
	Feb 2023	23	24	0	12	0	12	7449.26	305
	Mar 2023	35	36	0	18	0	18	7452.47	323
	Apr 2023	64	60	1	32	0	32	7457.14	350
	May 2023	159	145	1	68	0	68	7469.19	426
	Jun 2023	164	151	1	137	0	137	7471.08	439
	Jul 2023	53	62	1	82	0	82	7467.92	418
	Aug 2023	42	53	1	81	0	81	7463.59	389
	Sep 2023	29	38	1	75	0	75	7457.37	351
	WY 2023	680	683	6	534	82	616		
	Oct 2023	32	32	0	71	0	71	7450.45	312
	Nov 2023	30	31	0	15	0	15	7453.14	327
	Dec 2023	26	27	0	16	0	16	7455.12	338
	Jan 2024	25	26	0	16	0	16	7456.76	348
	Feb 2024	23	24	0	15	0	15	7458.33	357
	Mar 2024	38	38	0	18	0	18	7461.63	377
	Apr 2024	78	78	1	33	0	33	7468.58	422

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2022 24-Month Study

Minimum Probable Inflow*

Morrow Point Reservoir



— BUREAU OF —
RECLAMATION

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2021	93	98	4	102	91	0	91	7155.08	113
H	Jun 2021	132	77	4	81	85	0	85	7150.02	109
I	Jul 2021	54	98	1	99	97	0	97	7152.51	111
S	Aug 2021	46	93	1	93	94	0	94	7150.92	110
T	Sep 2021	19	94	0	94	93	0	93	7152.50	111
	WY 2021	539	715	21	736	734	0	734		
O	Oct 2021	27	58	1	59	61	0	61	7149.67	109
R	Nov 2021	30	16	3	19	17	0	17	7151.77	110
I	Dec 2021	23	11	1	12	16	0	16	7145.62	106
C	Jan 2022	21	14	1	15	16	0	16	7144.25	105
A	Feb 2022	19	14	1	15	14	0	14	7145.30	105
L	Mar 2022	31	32	2	33	30	0	30	7149.87	109
*	Apr 2022	65	46	3	50	47	0	47	7153.31	112
	May 2022	142	62	13	75	75	0	75	7153.73	112
	Jun 2022	167	61	8	69	69	0	69	7153.72	112
	Jul 2022	56	79	2	81	81	0	81	7153.73	112
	Aug 2022	40	80	0	80	80	0	80	7153.73	112
	Sep 2022	29	73	1	74	74	0	74	7153.73	112
	WY 2022	650	547	35	581	579	0	579		
	Oct 2022	33	69	2	70	70	0	70	7153.73	112
	Nov 2022	31	14	1	15	15	0	15	7153.73	112
	Dec 2022	27	14	1	15	15	0	15	7153.73	112
	Jan 2023	26	14	2	16	16	0	16	7153.73	112
	Feb 2023	25	12	2	14	14	0	14	7153.73	112
	Mar 2023	37	18	2	20	20	0	20	7153.73	112
	Apr 2023	72	32	9	41	41	0	41	7153.73	112
	May 2023	176	68	17	85	85	0	85	7153.73	112
	Jun 2023	173	137	9	146	145	0	145	7153.72	112
	Jul 2023	54	82	1	83	83	0	83	7153.73	112
	Aug 2023	43	81	1	82	82	0	82	7153.73	112
	Sep 2023	30	75	1	76	76	0	76	7153.73	112
	WY 2023	727	616	47	663	662	0	662		
	Oct 2023	34	71	2	73	73	0	73	7153.73	112
	Nov 2023	31	15	1	17	16	0	16	7153.73	112
	Dec 2023	27	16	1	17	17	0	17	7153.73	112
	Jan 2024	26	16	1	17	17	0	17	7153.73	112
	Feb 2024	25	15	1	16	16	0	16	7153.73	112
	Mar 2024	40	18	2	20	20	0	20	7153.73	112
	Apr 2024	89	33	11	43	43	0	43	7153.73	112

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2022 24-Month Study

Minimum Probable Inflow*

Crystal Reservoir



— BUREAU OF —
RECLAMATION

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	May 2021	103	91	10	101	100	1	100	6753.35	17	64	37
H	Jun 2021	140	85	9	94	94	0	94	6751.32	16	62	33
I	Jul 2021	60	97	6	103	103	0	103	6750.41	16	65	41
S	Aug 2021	52	94	6	100	100	0	100	6751.69	17	65	38
T	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
O	Oct 2021	32	61	5	66	34	32	66	6752.35	17	41	24
R	Nov 2021	34	17	4	21	22	0	22	6749.65	16	1	19
I	Dec 2021	27	16	4	21	20	0	21	6750.09	16	1	19
C	Jan 2022	25	16	4	21	20	0	21	6750.38	16	1	18
A	Feb 2022	22	14	3	17	18	0	18	6746.37	15	0	17
L	Mar 2022	36	30	4	34	32	1	32	6752.56	17	6	25
*	Apr 2022	73	47	8	54	54	1	54	6752.33	17	31	24
	May 2022	154	75	12	86	86	0	86	6753.04	17	62	24
	Jun 2022	179	69	12	81	81	0	81	6753.03	17	61	20
	Jul 2022	60	81	3	84	84	0	84	6753.04	17	65	19
	Aug 2022	44	80	4	84	84	0	84	6753.04	17	65	19
	Sep 2022	33	74	4	78	78	0	78	6753.04	17	55	23
	WY 2022	718	579	67	647	612	34	646			388	250
	Oct 2022	38	70	5	75	75	0	75	6753.04	17	55	20
	Nov 2022	35	15	4	19	19	0	19	6753.04	17	0	19
	Dec 2022	31	15	4	20	20	0	20	6753.04	17	0	20
	Jan 2023	30	16	4	20	20	0	20	6753.04	17	0	20
	Feb 2023	28	14	4	18	18	0	18	6753.04	17	0	18
	Mar 2023	42	20	5	25	25	0	25	6753.04	17	5	20
	Apr 2023	82	41	10	50	50	0	50	6753.04	17	42	8
	May 2023	195	85	19	104	104	0	104	6753.04	17	62	42
	Jun 2023	190	145	17	163	130	33	162	6753.03	17	40	122
	Jul 2023	57	83	3	86	86	0	86	6753.04	17	30	56
	Aug 2023	48	82	5	86	86	0	86	6753.04	17	40	46
	Sep 2023	34	76	4	80	80	0	80	6753.04	17	55	25
	WY 2023	811	662	84	746	713	33	746			329	417
	Oct 2023	39	73	5	78	52	25	78	6753.04	17	55	23
	Nov 2023	36	16	4	21	21	0	21	6753.04	17	0	21
	Dec 2023	32	17	5	22	22	0	22	6753.04	17	0	22
	Jan 2024	31	17	4	22	22	0	22	6753.04	17	0	22
	Feb 2024	29	16	4	20	20	0	20	6753.04	17	0	20
	Mar 2024	46	20	7	26	26	0	26	6753.04	17	5	21
	Apr 2024	100	43	11	54	54	0	54	6753.04	17	42	12

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2022 24-Month Study

Minimum Probable Inflow*

Vallecito Reservoir



— BUREAU OF —
RECLAMATION

	Regulated Inflow	Total Release	Reservoir Elev End of Month	Live Storage
Date	(1000 Ac-Ft)	(1000 Ac-Ft)	(Ft)	(1000 Ac-Ft)
* May 2021	50	30	7645.56	77
H Jun 2021	44	39	7647.63	81
I Jul 2021	19	36	7639.49	63
S Aug 2021	13	34	7628.72	43
T Sep 2021	7	26	7615.74	24
<hr/>				
WY 2021	166	169		
O Oct 2021	8	3	7619.62	29
R Nov 2021	5	2	7621.90	32
I Dec 2021	4	0	7624.23	35
C Jan 2022	4	0	7626.39	39
A Feb 2022	3	0	7628.13	42
L Mar 2022	7	0	7631.90	48
* Apr 2022	27	2	7644.01	73
May 2022	50	27	7653.57	96
Jun 2022	18	35	7646.18	78
Jul 2022	8	34	7633.52	51
Aug 2022	8	31	7618.62	28
Sep 2022	10	25	7604.28	13
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WY 2022	151	160		
Oct 2022	10	13	7599.55	9
Nov 2022	8	2	7607.26	15
Dec 2022	6	2	7611.88	20
Jan 2023	6	2	7615.47	24
Feb 2023	5	2	7618.35	27
Mar 2023	8	2	7622.67	33
Apr 2023	19	2	7633.07	51
May 2023	56	28	7646.45	79
Jun 2023	40	38	7646.94	80
Jul 2023	13	37	7635.63	56
Aug 2023	12	34	7622.70	33
Sep 2023	11	27	7610.06	18
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WY 2023	195	187		
Oct 2023	10	15	7603.95	12
Nov 2023	8	2	7610.85	19
Dec 2023	7	2	7615.24	23
Jan 2024	6	2	7618.51	27
Feb 2024	5	2	7621.23	31
Mar 2024	10	2	7626.34	39
Apr 2024	23	2	7637.95	60

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2022 24-Month Study

Minimum Probable Inflow*

Navajo Reservoir



— BUREAU OF —
RECLAMATION

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azotea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	May 2021	169	25	124	3	34	26	6039.27	1105	65
H	Jun 2021	103	18	78	4	44	21	6040.14	1114	89
I	Jul 2021	24	2	40	4	45	35	6035.96	1070	57
S	Aug 2021	5	1	24	3	39	41	6030.18	1010	48
T	Sep 2021	-3	0	16	2	25	48	6024.10	951	49
	WY 2021	461	60	405	23	222	359			549
O	Oct 2021	20	0	16	1	2	28	6022.31	887	45
R	Nov 2021	14	0	10	1	0	18	6021.39	879	36
I	Dec 2021	15	0	11	0	0	18	6020.63	872	35
C	Jan 2022	14	0	10	0	0	22	6019.21	859	38
A	Feb 2022	14	0	11	1	1	20	6018.00	848	33
L	Mar 2022	41	2	32	1	4	22	6018.57	853	38
*	Apr 2022	123	17	84	2	17	20	6023.53	898	44
	May 2022	156	18	115	3	35	18	6029.69	956	103
	Jun 2022	31	1	47	3	51	39	6024.75	910	102
	Jul 2022	0	0	26	3	56	57	6014.75	820	79
	Aug 2022	6	0	29	2	47	49	6006.43	751	65
	Sep 2022	15	0	30	2	26	39	6001.82	715	56
	WY 2022	448	39	421	19	239	352			675
	Oct 2022	25	0	29	1	9	28	6000.56	705	45
	Nov 2022	29	0	23	1	0	19	6000.96	708	36
	Dec 2022	24	0	20	0	0	18	6001.18	710	32
	Jan 2023	24	0	19	0	0	20	6001.07	709	33
	Feb 2023	27	1	23	0	0	14	6002.04	716	26
	Mar 2023	75	6	63	1	5	15	6007.17	757	33
	Apr 2023	110	11	80	2	21	17	6012.19	799	57
	May 2023	190	24	138	2	35	18	6021.60	881	130
	Jun 2023	102	10	90	3	51	19	6023.38	897	118
	Jul 2023	9	0	32	3	56	49	6014.89	822	79
	Aug 2023	1	0	23	2	47	42	6006.63	753	64
	Sep 2023	13	0	28	2	26	38	6001.96	716	57
	WY 2023	627	52	567	18	250	298			712
	Oct 2023	25	0	30	1	9	33	6000.30	703	50
	Nov 2023	28	0	22	1	0	23	6000.11	701	40
	Dec 2023	24	0	19	0	0	20	5999.92	700	35
	Jan 2024	22	0	17	0	0	21	5999.46	696	34
	Feb 2024	29	0	25	0	0	15	6000.68	706	27
	Mar 2024	92	0	85	1	6	22	6007.67	761	45
	Apr 2024	147	0	125	2	21	38	6015.39	826	89

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2022 24-Month Study

Minimum Probable Inflow*

Lake Powell



— BUREAU OF —
RECLAMATION

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	May 2021	543	495	20	624	0	624	3560.57	4723	8366	649
H	Jun 2021	809	640	31	651	0	651	3560.06	4720	8328	663
I	Jul 2021	193	305	36	767	0	767	3553.88	4683	7866	763
S	Aug 2021	292	452	35	801	0	801	3548.96	4655	7511	785
T	Sep 2021	159	380	31	622	0	622	3545.36	4634	7258	625
	WY 2021	3502	4064	277	8229	0	8229				8279
O	Oct 2021	317	419	21	481	0	481	3544.25	4628	7181	489
R	Nov 2021	346	342	20	500	0	500	3541.84	4615	7016	496
I	Dec 2021	266	290	16	600	0	600	3537.33	4591	6713	599
C	Jan 2022	249	269	4	673	0	673	3531.52	4561	6335	681
A	Feb 2022	215	235	4	540	0	540	3526.97	4538	6048	556
L	Mar 2022	329	327	7	574	0	574	3523.13	4519	5812	584
*	Apr 2022	594	490	12	502	0	502	3522.77	4517	5791	513
	May 2022	876	786	14	599	0	599	3525.40	4530	5951	603
	Jun 2022	1027	972	23	598	0	598	3530.59	4556	6276	596
	Jul 2022	294	434	28	673	0	673	3526.65	4536	6028	677
	Aug 2022	201	393	27	717	0	717	3521.31	4510	5703	731
	Sep 2022	218	378	24	542	0	542	3518.37	4496	5528	555
	WY 2022	4929	5334	202	7000	0	7000				7080
	Oct 2022	351	447	17	480	0	480	3517.59	4492	5482	491
	Nov 2022	427	440	16	500	0	500	3516.38	4487	5411	511
	Dec 2022	342	376	13	600	0	600	3512.56	4469	5191	613
	Jan 2023	321	351	3	664	0	664	3507.32	4446	4899	682
	Feb 2023	373	386	3	587	0	587	3503.83	4430	4709	601
	Mar 2023	564	512	6	620	0	620	3501.86	4422	4604	636
	Apr 2023	720	607	10	552	0	552	3502.64	4425	4645	562
	May 2023	1589	1342	12	550	0	550	3515.62	4483	5367	556
	Jun 2023	1600	1353	22	577	0	577	3527.25	4539	6066	582
	Jul 2023	286	372	27	652	0	652	3522.62	4516	5781	657
	Aug 2023	198	340	26	696	0	696	3516.65	4488	5427	710
	Sep 2023	220	341	23	522	0	522	3513.37	4473	5238	536
	WY 2023	6992	6865	179	7000	0	7000				7137
	Oct 2023	354	418	16	480	0	480	3512.10	4467	5166	493
	Nov 2023	436	420	16	500	0	500	3510.52	4460	5077	501
	Dec 2023	352	357	12	600	0	600	3506.25	4441	4840	602
	Jan 2024	347	349	3	770	0	770	3498.88	4409	4447	777
	Feb 2024	396	381	3	680	0	680	3493.42	4387	4167	689
	Mar 2024	613	494	5	720	0	720	3489.11	4370	3953	733
	Apr 2024	935	739	8	640	0	640	3490.82	4377	4038	657

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2022 24-Month Study

Minimum Probable Inflow*

Hoover Dam - Lake Mead



— BUREAU OF —
RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	May 2021	624	9	43	1067	17.4	27	1058	616	1073.50	9480
H	Jun 2021	651	-31	51	939	15.8	32	927	592	1068.77	9102
I	Jul 2021	767	95	63	862	14.0	31	853	586	1067.65	9014
S	Aug 2021	801	89	67	766	12.5	31	766	587	1067.96	9038
T	Sep 2021	622	50	55	616	10.4	24	614	586	1067.68	9016
	WY 2021	8229	557	529	9361		241	9360			
O	Oct 2021	481	80	51	581	9.4	16	586	581	1066.77	8945
R	Nov 2021	500	42	44	642	10.8	10	650	572	1064.97	8804
I	Dec 2021	600	64	36	503	8.2	10	511	579	1066.39	8915
C	Jan 2022	673	60	25	640	10.4	11	639	583	1067.09	8970
A	Feb 2022	540	58	23	590	10.6	10	590	581	1066.78	8946
L	Mar 2022	574	42	25	1010	16.4	18	1009	555	1061.49	8536
*	Apr 2022	502	32	33	1027	17.3	18	1026	522	1054.69	8026
	May 2022	599	21	40	1059	17.2	31	1059	491	1048.11	7547
	Jun 2022	598	-13	47	933	15.7	32	933	465	1042.44	7146
	Jul 2022	673	17	44	825	13.4	37	825	451	1039.50	6943
	Aug 2022	717	73	48	780	12.7	38	780	447	1038.46	6872
	Sep 2022	542	70	46	682	11.5	29	682	438	1036.46	6736
	WY 2022	7000	546	461	9271		260	9289			
	Oct 2022	480	60	44	464	7.5	22	464	438	1036.60	6746
	Nov 2022	500	60	38	560	9.4	11	560	435	1035.92	6700
	Dec 2022	600	70	31	471	7.7	6	471	445	1038.16	6852
	Jan 2023	664	92	22	612	9.9	11	612	452	1039.69	6956
	Feb 2023	587	74	20	557	10.0	8	557	457	1040.73	7028
	Mar 2023	620	86	22	890	14.5	16	890	443	1037.68	6819
	Apr 2023	552	53	29	1001	16.8	18	1001	416	1031.47	6402
	May 2023	550	29	35	983	16.0	22	983	388	1024.81	5969
	Jun 2023	577	25	42	922	15.5	31	922	364	1018.96	5600
	Jul 2023	652	29	40	835	13.6	35	835	350	1015.46	5384
	Aug 2023	696	73	42	806	13.1	37	806	343	1013.67	5275
	Sep 2023	522	71	41	699	11.8	33	699	332	1010.86	5106
	WY 2023	7000	723	406	8800		252	8800			
	Oct 2023	480	69	38	534	8.7	27	534	329	1010.07	5059
	Nov 2023	500	68	33	657	11.0	15	657	320	1007.90	4930
	Dec 2023	600	69	27	551	9.0	10	551	325	1009.19	5006
	Jan 2024	770	87	19	550	8.9	11	550	342	1013.54	5267
	Feb 2024	680	88	18	497	8.6	8	497	357	1017.31	5497
	Mar 2024	720	107	20	830	13.5	16	830	355	1016.71	5461
	Apr 2024	640	72	26	941	15.8	18	941	338	1012.49	5204

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2022 24-Month Study

Minimum Probable Inflow*

Davis Dam - Lake Mohave



— BUREAU OF —
RECLAMATION

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	May 2021	1067	9	22	1055	0	1055	17.2	642.32	1680
H	Jun 2021	939	15	25	901	0	901	15.1	643.33	1708
I	Jul 2021	862	-6	25	831	0	831	13.5	643.31	1707
S	Aug 2021	766	-6	23	731	0	731	11.9	643.54	1713
T	Sep 2021	616	9	18	756	0	756	12.7	638.04	1565
	WY 2021	9361	-82	198	9040	0	9040			
O	Oct 2021	581	-3	14	638	0	658	10.7	634.42	1471
R	Nov 2021	642	-9	13	543	0	543	9.1	637.48	1551
I	Dec 2021	503	-6	13	465	0	465	7.6	638.32	1573
C	Jan 2022	640	-20	9	523	0	523	8.5	641.60	1661
A	Feb 2022	590	-26	8	555	0	555	10.0	641.69	1663
L	Mar 2022	1010	-38	10	931	0	931	15.1	642.79	1693
*	Apr 2022	1027	-31	13	975	0	975	16.4	643.08	1701
	May 2022	1059	-13	14	1034	0	1034	16.8	643.00	1699
	Jun 2022	933	-18	14	900	0	900	15.1	643.00	1699
	Jul 2022	825	-19	12	820	0	820	13.3	642.00	1671
	Aug 2022	780	-17	15	748	0	748	12.2	642.00	1671
	Sep 2022	682	-8	16	712	0	712	12.0	640.01	1617
	WY 2022	9271	-208	151	8845	0	8865			
	Oct 2022	464	-11	14	622	0	622	10.1	633.00	1434
	Nov 2022	560	-16	13	480	0	480	8.1	635.00	1486
	Dec 2022	471	-5	13	335	0	335	5.4	639.51	1604
	Jan 2023	612	-12	9	529	0	529	8.6	641.80	1666
	Feb 2023	557	-11	8	539	0	539	9.7	641.80	1666
	Mar 2023	890	-9	10	837	0	837	13.6	643.05	1700
	Apr 2023	1001	-13	13	977	0	977	16.4	643.00	1699
	May 2023	983	-13	14	956	0	956	15.5	643.00	1699
	Jun 2023	922	-18	14	890	0	890	14.9	643.00	1699
	Jul 2023	835	-19	12	831	0	831	13.5	642.00	1671
	Aug 2023	806	-17	15	773	0	773	12.6	642.00	1671
	Sep 2023	699	-8	16	729	0	729	12.3	640.01	1617
	WY 2023	8800	-151	151	8498	0	8498			
	Oct 2023	534	-11	14	692	0	692	11.3	633.00	1434
	Nov 2023	657	-16	13	576	0	576	9.7	635.00	1486
	Dec 2023	551	-5	13	415	0	415	6.7	639.51	1604
	Jan 2024	550	-12	9	467	0	467	7.6	641.80	1666
	Feb 2024	497	-11	8	478	0	478	8.3	641.80	1666
	Mar 2024	830	-9	10	777	0	777	12.6	643.05	1700
	Apr 2024	941	-13	13	917	0	917	15.4	643.00	1699

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2022 24-Month Study

Minimum Probable Inflow*

Parker Dam - Lake Havasu



— BUREAU OF —
RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	May 2021	1055	-2	13	746	12.1	107	168	448.51	590	145	2.4
H	Jun 2021	901	20	15	706	11.9	103	87	448.55	591	151	2.5
I	Jul 2021	831	15	17	669	10.9	106	51	448.23	585	147	2.4
S	Aug 2021	731	16	17	586	9.5	100	48	447.51	571	121	2.0
T	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	
O	Oct 2021	658	18	12	421	6.8	99	139	448.37	587	67	1.1
R	Nov 2021	543	13	9	348	5.8	96	124	447.05	562	92	1.5
I	Dec 2021	465	16	7	281	4.6	99	87	447.33	567	89	1.5
C	Jan 2022	523	-3	6	342	5.6	96	89	446.38	550	114	1.9
A	Feb 2022	555	12	8	445	8.0	4	103	446.44	551	127	2.3
L	Mar 2022	931	2	9	658	10.7	97	133	448.02	580	170	2.8
*	Apr 2022	975	7	11	737	12.4	100	141	447.11	563	161	2.7
	May 2022	1034	6	13	729	11.9	106	153	448.50	589	137	2.2
	Jun 2022	900	7	15	721	12.1	103	54	448.50	589	140	2.4
	Jul 2022	820	14	17	688	11.2	106	20	448.00	580	139	2.3
	Aug 2022	748	13	17	616	10.0	106	20	447.50	571	118	1.9
	Sep 2022	712	12	15	519	8.7	103	76	447.50	570	106	1.8
	WY 2022	8865	117	139	6506		1117	1138			1462	
	Oct 2022	622	18	12	440	7.2	106	75	447.50	571	63	1.0
	Nov 2022	480	17	9	330	5.6	105	47	447.50	570	91	1.5
	Dec 2022	335	18	7	210	3.4	107	43	446.50	552	87	1.4
	Jan 2023	529	14	6	310	5.0	106	116	446.50	552	136	2.2
	Feb 2023	539	5	8	401	7.2	26	102	446.50	552	122	2.2
	Mar 2023	837	4	9	609	9.9	106	105	446.70	555	145	2.4
	Apr 2023	977	8	11	715	12.0	103	109	448.70	593	144	2.4
	May 2023	956	6	13	722	11.7	106	109	448.70	593	108	1.8
	Jun 2023	890	7	16	719	12.1	103	46	448.70	593	114	1.9
	Jul 2023	831	14	17	684	11.1	106	38	448.00	580	120	2.0
	Aug 2023	773	13	17	624	10.2	106	37	447.50	571	100	1.6
	Sep 2023	729	12	15	524	8.8	103	88	447.50	570	97	1.6
	WY 2023	8498	135	139	6288		1184	913			1327	
	Oct 2023	692	18	12	482	7.8	106	103	447.50	571	87	1.4
	Nov 2023	576	17	9	372	6.2	103	104	447.50	570	113	1.9
	Dec 2023	415	18	7	260	4.2	106	74	446.50	552	108	1.8
	Jan 2024	467	14	6	292	4.7	85	93	446.50	552	119	1.9
	Feb 2024	478	5	8	385	6.7	2	82	446.50	552	107	1.9
	Mar 2024	777	4	9	590	9.6	85	84	446.70	555	127	2.1
	Apr 2024	917	8	11	697	11.7	82	87	448.70	593	126	2.1

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2022 24-Month Study

Minimum Probable Inflow*

Hoover Dam - Lake Mead



— BUREAU OF —
RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	May 2021	1067	17.4	1073.50	9480	-473	423.99	1042.9	433.7	69	406.4
H	Jun 2021	939	15.8	1068.77	9102	-378	419.04	1451.0	366.8	100	390.7
I	Jul 2021	862	14.0	1067.65	9014	-88	421.16	1417.0	323.4	100	375.3
S	Aug 2021	766	12.5	1067.96	9038	24	421.53	1322.1	286.1	93	373.4
T	Sep 2021	616	10.4	1067.68	9016	-22	425.37	1228.0	232.0	87	376.5
WY 2021		9361							3643.8		
O	Oct 2021	581	9.4	1066.77	8945	-71	422.27	1228.0	216.2	87	372.4
R	Nov 2021	642	10.8	1064.97	8804	-140	421.30	938.0	241.3	67	375.8
I	Dec 2021	503	8.2	1066.39	8915	111	424.48	957.0	185.9	68	369.9
C	Jan 2022	640	10.4	1067.09	8970	55	420.00	993.0	236.8	67	370.2
A	Feb 2022	590	10.6	1066.78	8946	-24	420.26	994.0	220.4	67	373.2
L	Mar 2022	1010	16.4	1061.49	8536	-409	413.69	898.0	375.9	62	372.3
*	Apr 2022	1027	17.3	1054.69	8026	-511	405.75	863.0	380.5	61	370.4
	May 2022	1059	17.2	1048.11	7547	-479	400.22	1082.0	383.7	80	362.4
	Jun 2022	933	15.7	1042.44	7146	-400	394.17	1060.0	333.0	80	357.1
	Jul 2022	825	13.4	1039.50	6943	-203	388.90	1111.7	289.2	93	350.6
	Aug 2022	780	12.7	1038.46	6872	-71	387.25	1103.5	270.9	93	347.1
	Sep 2022	682	11.5	1036.46	6736	-137	386.39	1087.5	233.7	93	342.7
WY 2022		9271							3367.5		
	Oct 2022	464	7.5	1036.60	6746	10	389.56	882.8	162.0	76	349.3
	Nov 2022	560	9.4	1035.92	6700	-46	391.45	894.1	194.8	77	347.8
	Dec 2022	471	7.7	1038.16	6852	152	390.09	909.6	164.9	77	350.2
	Jan 2023	612	9.9	1039.69	6956	105	390.27	858.8	213.7	72	349.3
	Feb 2023	557	10.0	1040.73	7028	71	390.67	880.0	194.8	73	349.8
	Mar 2023	890	14.5	1037.68	6819	-209	388.75	919.7	315.8	78	354.7
	Apr 2023	1001	16.8	1031.47	6402	-416	384.39	810.3	347.2	72	346.7
	May 2023	983	16.0	1024.81	5969	-433	377.79	794.7	335.1	74	340.8
	Jun 2023	922	15.5	1018.96	5600	-369	370.34	882.9	303.0	87	328.7
	Jul 2023	835	13.6	1015.46	5384	-216	364.72	987.4	270.0	100	323.2
	Aug 2023	806	13.1	1013.67	5275	-109	362.43	972.2	257.6	100	319.7
	Sep 2023	699	11.8	1010.86	5106	-169	360.80	959.5	219.0	100	313.2
WY 2023		8800							2977.9		
	Oct 2023	534	8.7	1010.07	5059	-47	363.50	733.4	169.4	78	317.0
	Nov 2023	657	11.0	1007.90	4930	-129	364.72	681.7	210.3	74	320.4
	Dec 2023	551	9.0	1009.19	5006	76	360.92	806.2	172.2	86	312.6
	Jan 2024	550	8.9	1013.54	5267	261	362.97	695.3	174.6	72	317.7
	Feb 2024	497	8.6	1017.31	5497	230	366.67	675.9	159.5	67	321.1
	Mar 2024	830	13.5	1016.71	5461	-37	367.07	748.9	272.6	75	328.4
	Apr 2024	941	15.8	1012.49	5204	-257	363.70	778.4	303.2	81	322.3

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2022 24-Month Study

Minimum Probable Inflow*

Davis Dam - Lake Mohave



— BUREAU OF —
RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	May 2021	1055	17.2	642.32	1680	-2	139.64	255.0	133.2	100	126.2
H	Jun 2021	901	15.1	643.33	1708	28	141.86	255.0	114.4	100	127.0
I	Jul 2021	831	13.5	643.31	1707	-1	139.09	253.3	106.2	99	127.8
S	Aug 2021	731	11.9	643.54	1713	6	144.21	255.0	93.7	100	128.2
T	Sep 2021	756	12.7	638.04	1565	-148	136.46	255.0	95.1	100	125.8
WY 2021		9040							1141.6		
O	Oct 2021	638	10.7	634.42	1471	-95	134.72	215.5	80.2	85	125.6
R	Nov 2021	543	9.1	637.48	1551	80	136.32	164.9	65.8	65	121.0
I	Dec 2021	465	7.6	638.32	1573	22	137.10	192.5	56.1	75	120.6
C	Jan 2022	523	8.5	641.60	1661	88	139.02	159.6	64.6	63	123.6
A	Feb 2022	555	10.0	641.69	1663	2	140.45	174.9	72.1	69	130.0
L	Mar 2022	931	15.1	642.79	1693	30	140.26	253.3	118.7	99	127.4
*	Apr 2022	975	16.4	643.08	1701	8	137.93	255.0	124.0	100	127.1
	May 2022	1034	16.8	643.00	1699	-2	138.68	241.8	129.1	95	124.9
	Jun 2022	900	15.1	643.00	1699	0	139.21	255.0	112.9	100	125.4
	Jul 2022	820	13.3	642.00	1671	-27	139.34	255.0	103.0	100	125.5
	Aug 2022	748	12.2	642.00	1671	0	139.28	255.0	93.8	100	125.5
	Sep 2022	712	12.0	640.01	1617	-54	138.37	255.0	88.7	100	124.7
WY 2022		8845							1109.0		
	Oct 2022	622	10.1	633.00	1434	-183	134.61	227.0	75.4	89	121.3
	Nov 2022	480	8.1	635.00	1486	51	132.97	159.8	57.5	63	119.8
	Dec 2022	335	5.4	639.51	1604	118	137.44	154.7	41.5	61	123.8
	Jan 2023	529	8.6	641.80	1666	62	139.39	156.3	66.5	61	125.6
	Feb 2023	539	9.7	641.80	1666	0	140.07	156.6	68.0	61	126.2
	Mar 2023	837	13.6	643.05	1700	34	139.17	194.1	105.0	76	125.4
	Apr 2023	977	16.4	643.00	1699	-2	138.79	249.9	122.2	98	125.0
	May 2023	956	15.5	643.00	1699	0	139.06	255.0	119.7	100	125.3
	Jun 2023	890	14.9	643.00	1699	0	139.27	255.0	111.6	100	125.5
	Jul 2023	831	13.5	642.00	1671	-27	139.28	255.0	104.2	100	125.5
	Aug 2023	773	12.6	642.00	1671	0	139.13	255.0	96.9	100	125.3
	Sep 2023	729	12.3	640.01	1617	-54	138.25	255.0	90.8	100	124.6
WY 2023		8498							1059.3		
	Oct 2023	692	11.3	633.00	1434	-183	134.14	227.0	83.7	89	120.8
	Nov 2023	576	9.7	635.00	1486	51	132.27	159.8	68.7	63	119.2
	Dec 2023	415	6.7	639.51	1604	118	136.82	154.7	51.1	61	123.3
	Jan 2024	467	7.6	641.80	1666	62	139.83	156.3	58.8	61	126.0
	Feb 2024	478	8.3	641.80	1666	0	140.66	156.6	60.6	61	126.7
	Mar 2024	777	12.6	643.05	1700	34	139.53	194.1	97.7	76	125.7
	Apr 2024	917	15.4	643.00	1699	-2	139.13	249.9	114.9	98	125.3

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2022 24-Month Study

Minimum Probable Inflow*

Parker Dam - Lake Havasu



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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
*	May 2021	746	12.1	448.51	590	9	80.39	120.0	52.0	100	69.7
H	Jun 2021	706	11.9	448.55	591	1	82.07	120.0	49.4	100	69.9
I	Jul 2021	669	10.9	448.23	585	-6	80.10	120.0	46.6	100	69.6
S	Aug 2021	586	9.5	447.51	571	-14	79.33	120.0	40.7	100	69.4
T	Sep 2021	516	8.7	448.49	590	19	80.37	120.0	35.7	100	69.2
WY 2021		6393							442.4		
O	Oct 2021	421	6.8	448.37	587	-2	82.15	96.8	29.7	81	70.6
R	Nov 2021	348	5.8	447.05	562	-25	81.18	90.0	24.0	75	69.1
I	Dec 2021	281	4.6	447.33	567	5	81.34	102.6	18.6	85	66.1
C	Jan 2022	342	5.6	446.38	550	-18	80.46	93.9	23.0	78	67.4
A	Feb 2022	445	8.0	446.44	551	1	80.54	86.8	30.9	72	69.4
L	Mar 2022	658	10.7	448.02	580	30	77.95	112.3	45.8	94	69.6
*	Apr 2022	737	12.4	447.11	563	-17	79.08	120.0	50.8	100	68.9
	May 2022	729	11.9	448.50	589	26	77.95	120.0	50.7	100	69.5
	Jun 2022	721	12.1	448.50	589	0	78.54	120.0	50.5	100	70.0
	Jul 2022	688	11.2	448.00	580	-9	78.65	120.0	48.0	100	69.7
	Aug 2022	616	10.0	447.50	571	-10	78.62	120.0	42.8	100	69.5
	Sep 2022	519	8.7	447.50	570	0	78.93	120.0	36.0	100	69.4
WY 2022		6506							450.8		
	Oct 2022	440	7.2	447.50	571	0	79.65	93.9	31.0	78	70.4
	Nov 2022	330	5.6	447.50	570	0	80.46	90.0	22.8	75	68.9
	Dec 2022	210	3.4	446.50	552	-19	81.14	111.3	13.5	93	64.0
	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		6288							435.8		
	Oct 2023	482	7.8	447.50	571	0	79.34	91.0	33.8	76	70.1
	Nov 2023	372	6.2	447.50	570	0	80.11	92.0	25.5	77	68.6
	Dec 2023	260	4.2	446.50	552	-19	80.67	112.3	16.6	94	63.7
	Jan 2024	292	4.7	446.50	552	0	79.89	92.9	19.6	77	67.0
	Feb 2024	385	6.7	446.50	552	0	78.88	95.4	26.7	79	69.3
	Mar 2024	590	9.6	446.70	555	4	77.65	120.0	40.5	100	68.7
	Apr 2024	697	11.7	448.70	593	38	77.90	120.0	48.5	100	69.6

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2022 24-Month Study

Minimum Probable Inflow*

Upper Basin Power



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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
*	May 2021	249	36	24	32	20	3
H	Jun 2021	260	30	20	30	19	3
I	Jul 2021	303	24	27	34	20	3
S	Aug 2021	310	37	25	34	20	3
T	Sep 2021	238	36	24	33	19	2
	Summer 2021	1614	182	140	190	114	17
O	Oct 2021	183	29	14	22	7	2
R	Nov 2021	189	19	3	6	2	3
I	Dec 2021	226	19	2	5	2	4
C	Jan 2022	252	19	3	5	1	4
A	Feb 2022	201	17	3	4	1	3
L	Mar 2022	208	19	8	9	4	3
	Winter 2022	1259	123	34	50	17	19
*	Apr 2022	179	19	11	15	10	0
	May 2022	210	54	16	27	15	2
	Jun 2022	212	48	16	25	14	2
	Jul 2022	239	23	21	29	14	5
	Aug 2022	252	32	21	29	14	4
	Sep 2022	188	31	8	27	13	4
	Summer 2022	1279	207	94	152	81	18
	Oct 2022	166	30	0	25	13	4
	Nov 2022	172	27	0	5	3	4
	Dec 2022	205	27	4	6	3	4
	Jan 2023	224	27	4	6	3	3
	Feb 2023	197	24	3	5	3	3
	Mar 2023	205	27	5	7	4	3
	Winter 2023	1170	162	15	54	31	21
	Apr 2023	183	23	9	15	9	2
	May 2023	185	41	19	31	18	3
	Jun 2023	201	17	38	52	22	6
	Jul 2023	229	17	23	30	15	5
	Aug 2023	241	19	22	29	15	5
	Sep 2023	179	18	20	28	14	4
	Summer 2023	1218	135	131	185	93	25
	Oct 2023	164	17	19	26	9	4
	Nov 2023	169	16	4	6	4	4
	Dec 2023	202	17	4	6	4	4
	Jan 2024	255	17	4	6	4	4
	Feb 2024	219	16	4	6	3	3
	Mar 2024	232	17	5	7	5	3
	Winter 2024	1008	84	35	50	24	20
	Apr 2024	205	17	9	16	9	4

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2022 24-Month Study

Minimum Probable Inflow*

Flood Control Criteria - Beginning of Month Conditions



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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	
**** PREDICTED SPACE ****								**** EFFECTIVE SPACE ****										
May 2022	1,067	577	803	18531	20979	19594	40573	-48	140	73	165	18531	19594	38291	1500	1059	0	20.2
Jun 2022	1,133	525	745	18371	20774	20073	40847	13	74	-23	64	18371	20073	38508	1500	933	0	20.2
Jul 2022	1,123	448	792	18046	20409	20474	40883	-4	-24	-31	-59	18046	20474	38461	1500	825	0	19.6
**** CREDITABLE SPACE ****								**** CREDITABLE SPACE ****										
Aug 2022	1,140	469	881	18294	20783	20677	41460	1140	469	881	2490	18294	20677	41460	1500	780	0	19.0
Sep 2022	1,212	502	950	18619	21283	20748	42031	1212	502	950	2664	18619	20748	42031	2270	682	0	18.5
Oct 2022	1,286	538	986	18794	21605	20884	42490	1286	538	986	2811	18794	20884	42490	3040	464	0	18.2
Nov 2022	1,339	576	996	18840	21751	20874	42625	1339	576	996	2911	18840	20874	42625	3810	560	0	18.1
Dec 2022	1,380	559	993	18911	21843	20920	42763	1380	559	993	2932	18911	20920	42763	4580	471	0	18.1
Jan 2023	1,432	547	992	19131	22101	20768	42870	1432	547	992	2971	19131	20768	42870	5350	612	0	17.9
**** EFFECTIVE SPACE ****								**** EFFECTIVE SPACE ****										
Jan 2023	1,432	547	992	19131	22101	20768	42870	211	159	292	661	19131	20768	40560	5350	612	0	17.9
Feb 2023	1,478	536	992	19423	22430	20664	43093	255	148	293	696	19423	20664	40783	1500	557	0	17.8
Mar 2023	1,515	524	985	19613	22636	20592	43229	290	138	284	712	19613	20592	40917	1500	890	0	17.5
Apr 2023	1,531	506	944	19718	22699	20801	43500	303	120	237	660	19718	20801	41180	1500	1001	0	17.3
May 2023	1,514	480	903	19677	22573	21218	43790	282	89	173	544	19677	21218	41438	1500	983	0	17.8
Jun 2023	1,476	403	821	18955	21655	21651	43306	238	-2	54	290	18955	21651	40895	1500	922	0	18.3
Jul 2023	1,290	391	804	18256	20742	22020	42762	38	-29	-17	-7	18256	22020	40270	1500	835	0	17.7
**** CREDITABLE SPACE ****								**** CREDITABLE SPACE ****										
Aug 2023	1,265	412	880	18541	21098	22236	43334	1265	412	880	2557	18541	22236	43334	1500	806	0	17.1
Sep 2023	1,293	440	948	18895	21576	22345	43921	1293	440	948	2681	18895	22345	43921	2270	699	0	16.6
Oct 2023	1,327	478	985	19084	21874	22514	44388	1327	478	985	2790	19084	22514	44388	3040	534	0	16.2
Nov 2023	1,341	518	998	19156	22014	22561	44575	1341	518	998	2857	19156	22561	44575	3810	657	0	16.0
Dec 2023	1,349	503	1,000	19245	22097	22690	44787	1349	503	1000	2852	19245	22690	44787	4580	551	0	16.0
Jan 2024	1,371	491	1,001	19482	22346	22614	44959	1371	491	1001	2864	19482	22614	44959	5350	550	0	15.9
**** EFFECTIVE SPACE ****								**** EFFECTIVE SPACE ****										
Jan 2024	1,371	491	1,001	19482	22346	22614	44959	535	371	473	1380	19482	22614	43475	5350	550	0	15.9
Feb 2024	1,386	482	1,005	19875	22747	22353	45100	547	362	476	1386	19875	22353	43613	1500	497	0	15.8
Mar 2024	1,396	472	995	20155	23019	22123	45141	554	354	466	1374	20155	22123	43651	1500	830	0	15.7
Apr 2024	1,367	452	940	20369	23127	22159	45287	520	334	404	1258	20369	22159	43786	1500	941	0	15.8

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