

May 24-Month Study
Date: May 15th 2023

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

	April Inflow (unregulated) (acre-feet)	Percent of Average (percent)	May 14 Midnight Elevation (feet)	May 14, Midnight Reservoir Storage (acre-feet)
Fontenelle	75,100	89	6,479.41	155,428
Flaming Gorge	188,200	150	6,013.65	2,700,249
Blue Mesa	77,500	99	7,473.62	456,374
Navajo	244,800	167	6,057.16	1,256,893
Powell	1,398,500	155	3,538.09	6,329,279

Expected Operations

The operation of Lake Powell and Lake Mead in the May 2023 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 2023 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2022 24-Month Study projections of the January 1, 2023, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2023.

The August 2022 24-Month Study projected the January 1, 2023 Lake Powell elevation to be less than 3,525 feet. Consistent with Section 6.D.1 of the Interim Guidelines, Lake Powell's operation in Water Year (WY) 2023 is governed by the Lower Elevation Balancing Tier with an initial projected water year release volume of 7.00 million acre-feet (maf). Based on hydrologic conditions in April 2023, in which the most probable inflow into Lake Powell was projected to be 11.30 maf (177 percent of average) during the 2023 April-July runoff period, Reclamation has determined that conditions are sufficient to release up to 9.50 maf from Lake Powell in WY 2023 consistent with Section 6.D.1 of the Interim Guidelines, but could be as low as 7.00 maf consistent with the Interim Guidelines and to protect Lake Powell from declining below elevation 3,525 feet at the end of December 2023. In addition, Reclamation has removed the operational neutrality of the 0.480 maf that was retained in Lake Powell under the May 2022 action,¹ such that balancing releases are based on the projected end of water year physical contents of Lake Powell and Lake Mead. Further, Lower Basin projections for Lake Mead take into consideration: updated water orders to reflect additional conservation efforts; new completed system conservation agreements under the Lower Colorado River Basin System Conservation and Efficiency Program (LC Conservation Program); and updated Lower Basin tributary inflow projections (reflecting current conditions) above Lake Mead, for the Bill Williams and for the Gila River.

Consistent with this operating approach and based on the most probable inflow forecast, the May 2023 24-Month Study projects a balancing release of 9.29 maf from Lake Powell in WY 2023; however, the actual release in WY 2023 will range between 7.00 and 9.50 maf and will depend on actual hydrology and

reservoir conditions at Lake Powell and Lake Mead during the remainder of the water year. The projected release from Lake Powell in WY 2023 will be updated each month throughout the remainder of the water year. The modeling approach for 2024 and beyond will be consistent with the Interim Guidelines, based on projected physical elevations at Lake Powell and Lake Mead, and assume the 0.480 maf retained in Lake Powell under the May 2022 action was released as part of the WY 2023 balancing release only if the release volume is 7.48 maf or greater.

The 2022 Drought Response Operations Agreement (DROA) Plan² for May 2022 through April 2023 has been amended to suspend 2022 DROA Plan releases for the remainder of April 2023. The suspension of 2022 DROA Plan releases occurred on March 7, 2023. A total DROA release of approximately 463 thousand acre-feet (kaf) occurred under the 2022 DROA Plan. Reclamation will attempt to maximize DROA recovery in the Upper Initial Units in WY 2023 and through April 2024. Reclamation will provide monthly DROA accounting, including DROA releases and recovery, which can be found online at:

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Reclamation continues to consult with the DROA Parties and to consult with the Lower Division States and others in accordance with the DROA on the implementation of the Drought Response Operations Plans and consideration of 2023 DROA Plan.

Reclamation will continue to carefully monitor hydrologic and operational conditions and assess the need for additional responsive actions and/or changes to operations. Reclamation will continue to consult with the Basin States, Basin Tribes, Mexico, and other partners on Colorado River operations to consider and determine whether additional measures should be taken to further enhance the preservation of these benefits, as well as recovery protocols, including those of future protective measures for both Lakes Powell and Mead.

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The 2023 AOP is available online at:

<https://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP23.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 DROA 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.

Information on the LC Conservation Program is available online at:

<https://www.usbr.gov/lc/LCBConservation.html>.

Fontenelle Reservoir

As of May 4, 2023, the Fontenelle Reservoir pool elevation is 6475.71 feet, which amounts to 41 percent of live storage capacity. Inflows for the month of April totaled approximately 75,085 acre-feet (af) or 89 percent of average.

Ice along the Green River has thawed, and spring releases have started. Releases from the dam will increase throughout spring to meet elevation targets. Per the May final forecast, maximum total release rates are forecasted to occur in late June at approximately 5,000 cfs, subject to hydrology.

The May final forecast for unregulated inflows into Fontenelle for the next three months projects above average conditions. May, June, and July Most Probable inflow volumes amount to 240,000 af (137 percent of average), 335,000 af (109 percent of average), and 180,000 af (107 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for August 24, 2023 at 10:00 a.m at Green River, WY, tentatively. Details on the meeting will be provided as we get closer to the meeting date. Prior Fontenelle Working Group meeting minutes are available online on USBR's website at <https://www.usbr.gov/uc/water/crsp/wg/ft/ftcurrnt.html>. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge

As of May 8, 2023 (end of day), Flaming Gorge Reservoir pool elevation is 6012.21 feet, which amounts to 72 percent of live storage capacity. Unregulated inflow volume for the month of April is approximately 188,000 acre-feet (af), which is 150 percent of the average April unregulated inflow volume. The current average daily release is 800 cfs.

The 2023 DROA Plan is being finalized and will be provided through processes outlined in the DROA Framework, <https://www.usbr.gov/dcp/droa.html>.

A new operational plan will be finalized in May 2023, and this will contain an operation plan from May 2023 through April 2024.

Spring Release -- The Larval Trigger Study Plan to assist in the recovery of the Razorback sucker (protected under the Endangered Species Act) is the next operational plan to occur this spring. The adaptive management experiment is triggered by appearance of razorback sucker larvae which is correlated to the weather. Current models show that the trigger could occur in early June, pending hydrology and weather. Below is a description of the likelihood of the trigger occurring. The mean calendar date of the first capture of razorback sucker larvae (i.e., the "larval trigger") is May 28 (median May 27) and ranges from May 7 to June 24. Historically, 50% of first captures occurred between May 21

and June 2; 75% occurred between May 16 and June 4. In general, first capture of larvae is earliest in years characterized by low flows and/or warmer conditions, and latest in years characterized by high flows and/or cooler conditions. Pending the timing of the trigger and Yampa River flows, the goal is to achieve greater than 18,600 cfs for at least 5 days in Reach 2, near Jensen Utah. Releases from Flaming Gorge Dam will vary to meet target flows in Reach 2.

The May unregulated inflows into Flaming Gorge for the next three months projects above average. May, June, and July forecasted unregulated inflow volumes amount to 415,000 af (167 percent of average), 490,000 af (126 percent of average), and 207,000 af (103 percent of average), respectively. The May water supply forecast of the April through July unregulated inflow volume into Flaming Gorge Reservoir is 1,300,000 acre-feet (135% of average). Due to the May official forecast Upper Green April – July forecast being at a 31% exceedance value, spring operations will use an average hydrologic classification operation.

Reclamation is planning to hold Flaming Gorge Working Group meetings on August 15, 2023, at 10:00 am in Vernal (and Teams virtual meeting) (tentative). The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186.

Aspinall Unit Reservoirs

As of May 10, 2023, releases from Crystal Dam are approximately 1,375 cfs. Flows of the Gunnison River in the Black Canyon are being maintained at about 805 cfs while the Gunnison Tunnel is diverting 600 cfs. Flows in the Whitewater Reach of the Gunnison River are about 10,400 cfs.

The unregulated inflow volume in April to Blue Mesa was 77,500 af (99 percent of average). Unregulated Inflow volumes forecasted for Blue Mesa for the next three months (May, June and July) are projected to be: 255,000 af (127 percent of average), 365,000 af (146 percent of average) and 132,000 af (122 percent of average), respectively. The May 24-Month Study will be reflective of these new forecasted inflows.

The forecasted 2023 water year unregulated inflow volume to Blue Mesa is projected to be 1,082,600 af (119 percent of average). The water supply period (April-July) for 2023 is forecasted to be 830,000 af of unregulated inflow (130 percent of average).

Blue Mesa elevation has increased dramatically over the past month and as of May 10, 2023, was 7,470.36 feet above sea level corresponding to a live storage of 433,950 acre-feet which is 52 percent of capacity. By the end of water year 2023 (September 30, 2023) Blue Mesa elevation is projected to be approximately 7,504 feet with about 695,000 acre-feet of storage which will be 84 percent of capacity.

The Aspinall Unit Operations Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Operations Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

The next Operations Group meeting will be held August 24, 2023 at 1:00 p.m., in person at the Elk Creek Visitor Center at Blue Mesa Reservoir. This will be an in-person meeting with an option for remote participation. Contact Erik Knight in the Grand Junction Area Office at (970) 248-0629 to get more information regarding this Operation Group meeting.

Navajo Reservoir

On May 8th, the daily average release rate from Navajo Dam was 500 cfs while reservoir inflow was averaging 4,980 cfs. The water surface elevation was 6053.17 feet above sea level. At this elevation the live storage is 1.210 maf (73 percent of live storage capacity) and the active storage is 0.582 maf (57 percent of active storage capacity). An average of 337 cfs is currently being diverted to Cutter Reservoir for the Navajo Indian Irrigation Project (NIIP). Approximately 937 cfs is being diverted to the San Juan-Chama Project (SJC) above Navajo Reservoir.

Releases from Navajo Dam are made for authorized purposes of the Navajo Unit and are pursuant to the Record of Decision for the Navajo Reservoir Operations. Releases target the San Juan River Recovery Implementation Program's (SJRIIP) recommended downstream baseflow range of 500 cfs to 1,000 cfs through the critical habitat reach of the San Juan River (Farmington, NM to Lake Powell).

Preliminary modified unregulated inflow (MUI) into Navajo in April was 245 kaf, which was 167 percent of average for the month. The release averaged 350 cfs and totaled 21.1 kaf, which was 40 percent of average for the month.

The most probable MUI forecast for May, June, and July, is 435 kaf (179 percent of average), 275 kaf (145 percent of average), and 55 kaf (115 percent of average), respectively.

The official April-July forecasts are as follows:

MIN: 905 kaf (144 percent of average, an increase of 105 kaf since the April Forecast)

MOST: 1,010 kaf (161 percent of average, an increase of 65 kaf since the April Forecast)

MAX: 1,160 kaf (185 percent of average, a decrease of 10 kaf since the April Forecast)

There is sufficient water available, based on this forecast, for a SJRIIP-recommended spring peak release with 21-days at a peak of 5,000 cfs. Beginning on May 15th, the release is scheduled to increase, peaking on May 25th at 5,000 cfs, and holding for 21 days before ramping back down to base releases. The release is forecast to total 290 kaf over base releases.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir. The next meeting will be held on Tuesday, August 22nd at 1:00 PM. This meeting is open to the public, and will be held at the Farmington Civic Center, 200 West Arrington, in Farmington, New Mexico (subject to change based on guidance at the time). The meeting will also have a virtual option.

Glen Canyon Dam / Lake Powell

Current Status

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Consistent with this operating approach and based on the most probable inflow forecast, the May 2023 24-Month Study projects a balancing release of 9.29 maf from Lake Powell in WY 2023; however, the actual release in WY 2023 will range between 7.00 and 9.50 maf and will depend on actual hydrology and reservoir conditions at Lake Powell and Lake Mead during the remainder of the water year. The projected release from Lake Powell in WY 2023 will be updated each month throughout the remainder of the water year. The modeling approach for 2024 and beyond will be consistent with the Interim Guidelines, based on projected physical elevations at Lake Powell and Lake Mead, and assume the 0.480 maf retained in Lake Powell under the May 2022 action was released as part of the WY 2023 balancing release only if the release volume is 7.48 maf or greater.

Reclamation will continue to carefully monitor hydrologic and operational conditions and assess the need for additional responsive actions and/or changes to operations. Reclamation will continue to consult with the Basin States, Basin Tribes, Mexico, and other partners on Colorado River operations to consider and determine whether additional measures should be taken to further enhance the preservation of these benefits, as well as recovery protocols, including those of future protective measures for both Lakes Powell and Mead.

The unregulated inflow volume to Lake Powell during April was 1,399 kaf (155 percent of average). The release volume from Glen Canyon Dam in April was 909 kaf. The end of April elevation and storage of Lake Powell were 3,524.99 feet (175 feet from full pool) and 5.54 maf (23 percent of live capacity), respectively.

Current Operations

Hourly releases during May 2023 will fluctuate from a low of approximately 14,051 cfs during the early morning hours to a high of 18,909 cfs during the afternoon and evening hours and may follow a steady release pattern around 17,500 cfs, all within the May release volume of 1,088,000 acre-feet. The anticipated monthly release volume for June is anticipated to be 1,064,000 acre-feet and will be confirmed toward the end of May.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (MW) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,300 cfs above or below the hourly scheduled release rate. Under normal

system conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 30 MW (approximately 1,300 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2023 unregulated inflow to Lake Powell, issued on May 4, 2023, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume in water year 2023 will be 14.17 maf (148 percent of average).

In addition to the May 2023 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 model runs in May April to determine a possible range of reservoir elevations. The May 2023 24-Month Study probable most and minimum probable inflow scenarios and the April maximum probable inflow scenario were used to determine the range of probable outcomes. The probable minimum and probable maximum model runs are conducted simultaneously 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 percent of the time. The most probable inflow scenario reflects a median hydrologic condition which statistically would be exceeded 50 percent of the time. The probable maximum inflow scenario reflects a wet hydrologic condition which statistically would be exceeded 10 percent of the time. There is approximately an 80 percent 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 DROA coordination will continue until either (i) the minimum probable projected elevation remains above 3,525 feet for 24 months or (ii) the process moves to the next step when the most probable projected elevation indicates Powell elevations below 3,525 feet and a Drought Response Operations Plan is developed. This 2022 Plan is described above and available for review here:

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

The May forecast for water year 2023 ranges from a minimum probable of 12.81 maf (133 percent of average) to a forecasted maximum probable of 16.31 maf (170 percent of average) with the most probable forecast for water year 2023 of 14.17 maf (148 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast for water year 2023 of 14.17 maf unregulated, the May 24-Month Study projects Lake Powell elevation will end water year 2023 near 3575.77 feet with approximately 8.96 maf in storage (37 percent of capacity). Note that projections of elevation and storage for water year 2023 have significant uncertainty at this point in the season. Projections of end of water year 2023 elevation using

the May minimum and April maximum inflow forecast results are 3,570.24 feet and 3,606.71 feet, respectively. The annual release volume from Lake Powell during water year 2023 will be 9.29 maf under the Lower Elevation Balancing Tier and will balance the contents between Powell and Mead with annual release volumes from Glen Canyon Dam between 7.00 maf and 9.50 maf as determined under Section 6.D.1 and 7.D of the Interim Guidelines as determined by the Department of the Interior as described above.

Upper Colorado River Basin Hydrology

Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. The 30-year average was updated in October 2022 from 1981 through 2010 to 1991 through 2020. Shifting the period of record decreased the average unregulated inflow 1.20 maf. The period 2000-2022 is the lowest 23-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.29 maf, or 93 percent of the 30-year average (1991-2020). (For comparison, the 1991-2020 total water year average is 9.60 maf.) The unregulated inflow during the 2000-2022 period has ranged from a low of 2.64 maf (28 percent of average) in water year 2002 to a high of 15.97 maf (166 percent of average) in water year 2011. In water year 2021 unregulated inflow volume to Lake Powell was 3.50 maf (36 percent of average), the second driest year on record above 2002. Under the current most probable forecast, the total water year 2023 unregulated inflow to Lake Powell is projected to be 14.17 maf (148 percent of average).

At the beginning of water year 2023, total system storage in the Colorado River Basin was 19.54 maf (33 percent of 58.48 maf total system capacity). This is a decrease of 3.33 maf over the total storage at the beginning of water year 2022 when total system storage was 22.87 maf (39 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to the now current level of 33 percent of capacity at the beginning of water year 2023. Based on current inflow forecasts, the current projected end of water year 2023 total Colorado Basin reservoir storage is approximately 25.54 maf (44 percent of total system capacity). The actual end of water year 2023 system storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and reservoir inflow.

To: All Annual Operating Plan Recipients

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Subject: May 2023 Most Probable 24-Month Study

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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 remainder of April 2023. The suspension of 2022 DROA Plan releases occurred on March 7, 2023. A total DROA release of approximately 463 thousand acre-feet (kaf) occurred under the 2022 DROA Plan. Reclamation will attempt to maximize DROA recovery in the Upper Initial Units in WY 2023 and through April 2024. Reclamation will provide monthly DROA accounting, including DROA releases and recovery, which can be found online at:

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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 April was 1.400 maf or 155 % of the 30-year average from 1991 to 2020. The May 2023 unregulated inflow forecast for Lake Powell is 4.00 maf or 193 % of the 30-year average. The 2023 April through July unregulated inflow forecast is 11.00 maf or 172 % of average.

In this study, the CY 2023 diversion for Metropolitan Water District of Southern California (MWD) is projected to be 0.832 maf. The CY 2023 diversion for the Central Arizona Project (CAP) is projected to be 0.920 maf. Consumptive use for Nevada above Hoover (SNWP Use) is projected to be 0.210 maf for CY 2023.

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.

Hoover, Davis, and Parker Dam historical gross energy figures come from Power, Operations, and Maintenance 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 Cheri Woodward at (702) 293-8101 or Rebecca Rogers at (702) 293-8091.

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

Reservoir	Observed Inflow (kaf)				Apr	Inflow Forecast (kaf)				
	Jan	Feb	Mar	Apr	%Avg	May	Jun	Jul	Apr-Jul	%Avg
Lake Powell	361	270	573	1400	155%	4000	4200	1400	11000	172%
Fontenelle	32	28	29	75	89%	240	335	180	830	113%
Flaming Gorge	38	33	49	188	150%	415	490	207	1300	135%
Blue Mesa	24	19.9	25	78	99%	255	365	132	830	131%
Morrow Point	26	21	26	85	97%	280	385	140	890	129%
Crystal	28	23	29	97	99%	325	430	148	1000	130%
Taylor Park	4.4	3.6	3.2	7.1	81%	32	51	23	113	120%
Vallecito	5.4	4.7	6.6	36	153%	97	100	27	260	147%
Navajo	20	17.8	71	245	167%	435	275	55	1010	160%
Lemon	0.9	0.74	0.97	7.5	135%	29	33	6.5	76	158%
McPhee	4.1	3.2	9.1	147	242%	250	130	28	555	218%
Ridgway	3.9	3.2	4.9	10.5	107%	30	46	25	112	122%
Deerlodge	23	18.5	32	366	178%	1000	700	134	220	185%
Durango	10.3	8.4	11.2	61	123%	225	230	74	590	153%

The 2023 AOP is available online at:

<https://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP23.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 DROA 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.

Information on the LC Conservation Program is available online at:

<https://www.usbr.gov/lc/LCBConservation.html>.

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2023 24-Month Study

Most 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 2022	63	1	47	8	55	6479.96	158
H	Jun 2022	241	2	82	0	82	6503.59	315
I	Jul 2022	102	3	83	11	93	6504.34	321
S	Aug 2022	56	2	67	1	68	6502.43	306
T	Sep 2022	29	2	61	0	61	6498.08	274
	WY 2022	744	15	617	67	685		
O	Oct 2022	40	1	22	39	61	6494.58	249
R	Nov 2022	33	1	10	48	58	6490.90	224
I	Dec 2022	28	1	56	2	58	6486.14	194
C	Jan 2023	32	1	58	0	59	6481.53	167
A	Feb 2023	28	0	10	43	53	6476.59	141
L	Mar 2023	29	0	55	3	58	6470.02	113
*	Apr 2023	75	1	61	0	61	6473.29	126
	May 2023	240	1	101	49	151	6489.40	214
	Jun 2023	335	2	104	164	268	6498.78	279
	Jul 2023	180	3	103	54	157	6501.53	300
	Aug 2023	70	2	92	0	92	6498.23	275
	Sep 2023	45	2	60	0	60	6495.91	259
	WY 2023	1135	15	732	403	1135		
	Oct 2023	45	1	61	0	61	6493.39	241
	Nov 2023	44	1	63	0	63	6490.43	221
	Dec 2023	32	1	68	0	68	6484.68	185
	Jan 2024	31	1	68	0	68	6477.88	148
	Feb 2024	29	0	63	0	63	6470.11	113
	Mar 2024	51	0	64	0	64	6466.68	100
	Apr 2024	77	1	34	18	53	6472.61	123
	May 2024	166	1	92	0	92	6486.49	196
	Jun 2024	301	2	103	111	214	6498.92	280
	Jul 2024	146	3	103	22	125	6501.41	299
	Aug 2024	59	2	98	0	98	6495.79	258
	Sep 2024	39	2	88	0	88	6488.28	207
	WY 2024	1020	14	906	151	1057		
	Oct 2024	45	1	55	0	55	6486.48	196
	Nov 2024	42	1	55	0	55	6484.17	182
	Dec 2024	32	1	58	0	58	6479.30	155
	Jan 2025	31	0	58	0	58	6473.44	127
	Feb 2025	29	0	53	0	53	6467.52	103
	Mar 2025	51	0	51	0	51	6467.32	102
	Apr 2025	77	1	37	9	46	6474.63	132

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2023 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir



— BUREAU OF —
RECLAMATION

		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)
	Date										
*	May 2022	88	88	7	139	48	187	114	6015.77	2769	570
H	Jun 2022	274	113	9	110	12	121	113	6015.25	2752	465
I	Jul 2022	125	110	11	79	0	79	106	6016.09	2780	137
S	Aug 2022	58	70	11	105	0	105	104	6014.73	2735	124
T	Sep 2022	32	63	9	112	0	112	102	6013.01	2680	125
	WY 2022	897	837	70	927	60	987				2138
O	Oct 2022	41	65	6	111	0	111	100	6011.45	2630	142
R	Nov 2022	40	63	3	102	0	102	98	6010.19	2590	132
I	Dec 2022	26	57	2	107	0	107	96	6008.59	2540	138
C	Jan 2023	38	65	2	108	0	108	95	6007.19	2497	143
A	Feb 2023	33	58	2	98	0	98	93	6005.89	2457	135
L	Mar 2023	49	77	3	61	5	66	93	6006.15	2465	119
*	Apr 2023	188	181	4	48	0	48	98	6010.17	2589	407
	May 2023	415	326	7	51	0	51	109	6018.13	2847	1051
	Jun 2023	490	423	9	157	0	157	118	6025.30	3093	857
	Jul 2023	207	184	13	85	0	85	122	6027.64	3177	219
	Aug 2023	80	102	12	93	0	93	122	6027.56	3174	123
	Sep 2023	50	65	10	101	0	101	120	6026.31	3129	121
	WY 2023	1658	1665	72	1121	5	1126				3587
	Oct 2023	52	68	7	60	0	60	120	6026.36	3131	86
	Nov 2023	53	72	3	57	0	57	120	6026.69	3143	92
	Dec 2023	34	70	2	90	0	90	120	6026.08	3121	115
	Jan 2024	42	79	2	90	0	90	119	6025.72	3108	115
	Feb 2024	43	77	2	85	0	85	119	6025.47	3099	110
	Mar 2024	85	98	3	61	0	61	120	6026.38	3132	135
	Apr 2024	111	87	5	60	0	60	121	6026.99	3153	263
	May 2024	239	165	7	227	0	227	118	6025.11	3087	740
	Jun 2024	389	302	10	63	0	63	127	6031.09	3307	430
	Jul 2024	161	140	14	72	0	72	129	6032.41	3359	132
	Aug 2024	66	105	13	103	0	103	129	6032.14	3348	122
	Sep 2024	43	92	12	110	0	110	127	6031.42	3320	123
	WY 2024	1318	1355	79	1078	0	1078				2463
	Oct 2024	52	62	7	76	0	76	127	6030.89	3299	102
	Nov 2024	50	63	4	80	0	80	126	6030.39	3280	110
	Dec 2024	34	60	2	124	0	124	123	6028.76	3218	149
	Jan 2025	42	69	2	124	0	124	121	6027.28	3164	149
	Feb 2025	43	67	2	112	0	112	119	6026.02	3119	137
	Mar 2025	85	85	3	61	0	61	120	6026.58	3139	135
	Apr 2025	111	80	5	60	0	60	121	6027.02	3155	263

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

Model Run ID: 3224

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2023 24-Month Study

Most 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 2022	27	12	9312.55	74
H	Jun 2022	26	19	9316.61	81
I	Jul 2022	11	15	9314.18	77
S	Aug 2022	8	14	9310.35	70
T	Sep 2022	5	8	9308.87	68
	WY 2022	110	100		
O	Oct 2022	6	6	9308.80	68
R	Nov 2022	4	5	9308.13	67
I	Dec 2022	5	5	9307.68	66
C	Jan 2023	4	5	9307.08	65
A	Feb 2023	4	5	9306.26	64
L	Mar 2023	4	5	9305.50	63
*	Apr 2023	7	9	9304.30	61
	May 2023	33	18	9313.88	76
	Jun 2023	51	25	9327.98	102
	Jul 2023	22	25	9326.67	100
	Aug 2023	11	22	9321.14	89
	Sep 2023	7	18	9315.03	78
	WY 2023	158	148		
	Oct 2023	7	13	9311.24	72
	Nov 2023	5	6	9310.65	71
	Dec 2023	4	6	9309.30	69
	Jan 2024	5	6	9308.57	68
	Feb 2024	4	6	9307.56	66
	Mar 2024	5	6	9306.81	65
	Apr 2024	9	12	9304.80	62
	May 2024	26	18	9310.03	70
	Jun 2024	40	27	9317.77	83
	Jul 2024	15	27	9310.65	71
	Aug 2024	8	24	9299.84	55
	Sep 2024	7	18	9291.00	44
	WY 2024	135	169		
	Oct 2024	7	9	9289.20	42
	Nov 2024	5	6	9288.33	41
	Dec 2024	4	6	9286.28	39
	Jan 2025	5	6	9285.14	38
	Feb 2025	4	6	9283.57	36
	Mar 2025	5	6	9282.36	35
	Apr 2025	9	9	9282.36	35

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2023 24-Month Study

Most 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 2022	177	162	1	79	0	79	7454.56	335
H	Jun 2022	133	126	1	69	0	69	7463.76	391
I	Jul 2022	59	63	1	84	0	84	7460.15	368
S	Aug 2022	57	64	1	89	0	89	7455.69	341
T	Sep 2022	31	33	1	55	28	82	7446.72	292
	WY 2022	661	652	6	566	28	595		
O	Oct 2022	32	32	0	0	58	58	7441.74	266
R	Nov 2022	26	27	0	1	10	11	7444.87	282
I	Dec 2022	24	25	0	6	10	17	7446.44	290
C	Jan 2023	24	25	0	20	0	20	7447.43	295
A	Feb 2023	20	21	0	20	0	20	7447.61	296
L	Mar 2023	25	26	0	19	0	19	7448.79	303
*	Apr 2023	77	79	1	23	0	23	7458.56	358
	May 2023	255	240	1	98	0	98	7479.64	499
	Jun 2023	365	339	1	84	0	84	7511.11	753
	Jul 2023	132	135	2	104	0	104	7514.36	782
	Aug 2023	64	75	1	107	0	107	7510.58	749
	Sep 2023	38	49	1	27	74	101	7504.42	695
	WY 2023	1083	1073	8	509	153	661		
	Oct 2023	36	42	1	68	0	68	7501.34	669
	Nov 2023	32	33	0	51	0	51	7499.13	651
	Dec 2023	26	28	0	92	0	92	7491.13	587
	Jan 2024	25	26	0	43	0	43	7488.92	569
	Feb 2024	23	25	0	40	0	40	7486.88	554
	Mar 2024	38	39	0	46	0	46	7485.93	546
	Apr 2024	78	81	1	47	0	47	7490.27	580
	May 2024	204	196	1	80	0	80	7504.32	694
	Jun 2024	251	238	1	132	0	132	7516.20	799
	Jul 2024	86	98	2	108	0	108	7514.90	787
	Aug 2024	55	71	1	112	0	112	7510.15	745
	Sep 2024	35	46	1	103	0	103	7503.38	686
	WY 2024	889	923	9	923	0	923		
	Oct 2024	36	38	1	87	0	87	7497.41	637
	Nov 2024	31	32	0	48	0	48	7495.35	620
	Dec 2024	26	28	0	65	0	65	7490.73	583
	Jan 2025	25	26	0	49	0	49	7487.73	560
	Feb 2025	23	25	0	44	0	44	7485.15	540
	Mar 2025	38	39	0	39	0	39	7485.05	540
	Apr 2025	78	78	1	43	0	43	7489.57	574

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2023 24-Month Study

Most 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 2022	186	79	9	88	89	0	89	7152.08	111
H	Jun 2022	134	69	1	70	71	0	71	7150.86	110
I	Jul 2022	60	84	1	85	84	0	84	7152.31	111
S	Aug 2022	58	89	1	90	90	0	90	7152.25	111
T	Sep 2022	31	82	1	83	78	0	78	7157.81	115
	WY 2022	685	595	24	619	614	0	614		
O	Oct 2022	33	58	1	59	60	0	60	7156.10	114
R	Nov 2022	27	11	1	12	21	0	21	7143.98	104
I	Dec 2022	26	17	2	18	20	0	20	7141.82	103
C	Jan 2023	26	20	2	21	20	0	20	7144.03	105
A	Feb 2023	21	20	1	21	18	0	18	7148.07	108
L	Mar 2023	26	19	2	21	19	0	19	7149.91	109
*	Apr 2023	85	23	8	31	30	0	30	7151.54	110
	May 2023	280	98	25	123	121	0	121	7153.73	112
	Jun 2023	385	84	20	104	104	0	104	7153.72	112
	Jul 2023	140	104	8	112	112	0	112	7153.73	112
	Aug 2023	67	107	3	110	110	0	110	7153.73	112
	Sep 2023	40	101	2	103	103	0	103	7153.73	112
	WY 2023	1157	661	74	735	738	0	738		
	Oct 2023	37	68	1	69	69	0	69	7153.73	112
	Nov 2023	33	51	1	52	52	0	52	7153.73	112
	Dec 2023	27	92	1	93	93	0	93	7153.73	112
	Jan 2024	26	43	1	44	44	0	44	7153.73	112
	Feb 2024	25	40	2	42	42	0	42	7153.73	112
	Mar 2024	40	46	2	48	48	0	48	7153.73	112
	Apr 2024	89	47	11	58	58	0	58	7153.73	112
	May 2024	226	80	22	102	102	0	102	7153.73	112
	Jun 2024	265	132	14	146	146	0	146	7153.72	112
	Jul 2024	90	108	4	112	112	0	112	7153.73	112
	Aug 2024	56	112	1	113	113	0	113	7153.73	112
	Sep 2024	36	103	1	104	104	0	104	7153.73	112
	WY 2024	950	923	61	984	983	0	983		
	Oct 2024	37	87	1	88	88	0	88	7153.73	112
	Nov 2024	32	48	1	49	49	0	49	7153.73	112
	Dec 2024	27	65	1	66	66	0	66	7153.73	112
	Jan 2025	26	49	1	50	50	0	50	7153.73	112
	Feb 2025	25	44	2	46	46	0	46	7153.73	112
	Mar 2025	40	39	2	41	41	0	41	7153.73	112
	Apr 2025	89	43	11	54	53	0	53	7153.73	112

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

Model Run ID: 3224

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2023 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)
*	May 2022	203	89	17	105	92	13	106	6751.40	16	59	48
H	Jun 2022	145	71	10	82	80	2	81	6752.67	17	62	21
I	Jul 2022	64	84	5	89	90	0	90	6747.68	15	65	28
S	Aug 2022	62	90	4	94	92	0	93	6751.52	17	66	31
T	Sep 2022	33	78	2	80	69	12	80	6750.17	16	62	22
	WY 2022	755	614	70	684	622	62	684			393	295
O	Oct 2022	36	60	3	63	53	10	63	6751.29	16	41	21
R	Nov 2022	29	21	2	23	21	2	23	6752.92	17	0	21
I	Dec 2022	28	20	2	22	22	0	22	6751.64	17	2	21
C	Jan 2023	28	20	2	22	22	0	22	6751.37	16	2	21
A	Feb 2023	23	18	2	20	4	16	20	6751.71	17	1	19
L	Mar 2023	29	19	2	22	0	22	22	6751.16	16	2	21
*	Apr 2023	97	30	12	42	20	21	41	6752.29	17	19	22
	May 2023	325	121	45	166	134	32	166	6753.04	17	62	104
	Jun 2023	430	104	45	149	130	19	149	6753.03	17	61	88
	Jul 2023	148	112	8	120	120	0	120	6753.04	17	65	55
	Aug 2023	71	110	4	114	114	0	114	6753.04	17	65	49
	Sep 2023	44	103	4	107	107	0	107	6753.04	17	55	52
	WY 2023	1289	738	132	870	747	122	869			375	494
	Oct 2023	43	69	6	75	52	22	75	6753.04	17	55	20
	Nov 2023	38	52	5	57	57	0	57	6753.04	17	0	57
	Dec 2023	32	93	5	98	98	0	98	6753.04	17	0	98
	Jan 2024	31	44	5	49	49	0	49	6753.04	17	0	49
	Feb 2024	29	42	4	46	46	0	46	6753.04	17	0	46
	Mar 2024	46	48	6	54	54	0	54	6753.04	17	5	49
	Apr 2024	100	58	11	69	69	0	69	6753.04	17	42	27
	May 2024	251	102	25	127	127	0	127	6753.04	17	62	65
	Jun 2024	293	146	28	174	130	44	174	6753.03	17	61	113
	Jul 2024	98	112	8	120	120	0	120	6753.04	17	65	55
	Aug 2024	63	113	7	120	120	0	120	6753.04	17	65	55
	Sep 2024	42	104	6	110	110	0	110	6753.04	17	55	55
	WY 2024	1066	983	116	1099	1032	67	1099			410	689
	Oct 2024	43	88	6	94	56	38	94	6753.04	17	55	39
	Nov 2024	37	49	5	54	54	0	54	6753.04	17	0	54
	Dec 2024	32	66	5	71	71	0	71	6753.04	17	0	71
	Jan 2025	31	50	5	55	55	0	55	6753.04	17	0	55
	Feb 2025	29	46	4	50	50	0	50	6753.04	17	0	50
	Mar 2025	46	41	6	47	47	0	47	6753.04	17	5	42
	Apr 2025	100	53	11	64	64	0	64	6753.04	17	42	22

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2023 24-Month Study

Most Probable Inflow*

Vallecito Reservoir



— BUREAU OF —
RECLAMATION

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2022	53	33	7652.10	92
H	Jun 2022	26	34	7648.50	83
I	Jul 2022	19	32	7642.57	70
S	Aug 2022	18	28	7637.64	59
T	Sep 2022	12	26	7630.15	45
	WY 2022	185	160		
O	Oct 2022	14	3	7635.84	56
R	Nov 2022	7	0	7639.00	62
I	Dec 2022	5	0	7641.15	67
C	Jan 2023	5	0	7643.44	72
A	Feb 2023	5	2	7644.74	75
L	Mar 2023	7	36	7630.44	46
*	Apr 2023	36	45	7625.05	36
	May 2023	97	57	7645.49	77
	Jun 2023	100	53	7664.08	123
	Jul 2023	27	42	7658.34	108
	Aug 2023	16	38	7649.39	86
	Sep 2023	14	30	7642.44	70
	WY 2023	333	305		
	Oct 2023	13	17	7640.41	65
	Nov 2023	9	2	7643.66	72
	Dec 2023	7	2	7645.91	78
	Jan 2024	6	2	7647.67	82
	Feb 2024	5	2	7649.01	85
	Mar 2024	10	2	7652.31	93
	Apr 2024	23	2	7660.52	114
	May 2024	68	58	7664.08	123
	Jun 2024	62	62	7663.74	122
	Jul 2024	21	41	7655.67	101
	Aug 2024	15	38	7646.11	78
	Sep 2024	16	29	7639.98	64
	WY 2024	255	257		
	Oct 2024	13	16	7638.25	61
	Nov 2024	9	2	7641.60	68
	Dec 2024	7	2	7643.91	73
	Jan 2025	6	2	7645.71	77
	Feb 2025	5	2	7647.11	80
	Mar 2025	10	2	7650.46	88
	Apr 2025	23	2	7658.80	109

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2023 24-Month Study

Most Probable Inflow*

Navajo Reservoir



— BUREAU OF —
RECLAMATION

		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)
	Date									
*	May 2022	167	30	114	3	38	18	6029.39	954	104
H	Jun 2022	47	7	50	3	37	24	6027.89	939	61
I	Jul 2022	44	5	54	3	39	35	6025.41	916	55
S	Aug 2022	53	5	56	3	38	30	6023.95	902	49
T	Sep 2022	22	1	35	2	23	40	6020.65	872	56
	WY 2022	574	66	484	20	200	296			595
O	Oct 2022	44	2	32	1	5	33	6019.84	865	51
R	Nov 2022	23	0	16	1	0	19	6019.52	862	37
I	Dec 2022	17	0	13	0	0	22	6018.45	852	37
C	Jan 2023	20	0	15	0	0	20	6017.85	847	34
A	Feb 2023	18	0	15	1	1	17	6017.38	843	31
L	Mar 2023	71	0	98	1	3	18	6025.86	920	45
*	Apr 2023	245	24	235	2	8	21	6045.83	1124	109
	May 2023	435	54	340	3	33	140	6059.60	1287	365
	Jun 2023	275	38	190	4	48	176	6056.54	1249	406
	Jul 2023	55	4	65	4	52	18	6055.75	1240	92
	Aug 2023	30	2	50	3	44	22	6054.16	1220	58
	Sep 2023	26	1	41	3	24	20	6053.69	1215	48
	WY 2023	1260	126	1110	24	218	525			1313
	Oct 2023	35	2	38	2	9	19	6054.35	1223	42
	Nov 2023	28	1	20	1	0	18	6054.44	1224	36
	Dec 2023	24	0	19	1	0	18	6054.41	1223	33
	Jan 2024	22	0	18	1	0	22	6054.05	1219	35
	Feb 2024	29	1	25	1	0	20	6054.36	1223	32
	Mar 2024	92	10	74	2	6	22	6058.03	1268	45
	Apr 2024	147	18	107	2	21	21	6062.95	1330	72
	May 2024	251	34	207	4	36	235	6057.69	1264	370
	Jun 2024	187	25	163	4	52	157	6053.58	1213	301
	Jul 2024	33	2	51	4	55	22	6051.04	1183	73
	Aug 2024	24	1	45	3	46	27	6048.36	1152	56
	Sep 2024	31	2	43	2	25	21	6047.85	1146	47
	WY 2024	903	96	809	26	250	601			1141
	Oct 2024	35	2	37	2	9	22	6048.30	1152	45
	Nov 2024	30	1	22	1	0	21	6048.32	1152	39
	Dec 2024	24	0	19	1	0	22	6048.02	1148	37
	Jan 2025	22	0	18	1	0	22	6047.63	1144	35
	Feb 2025	29	1	25	1	0	19	6048.02	1148	31
	Mar 2025	92	10	74	1	5	22	6051.95	1194	45
	Apr 2025	147	18	107	2	21	21	6057.19	1257	72

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

Model Run ID: 3224

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2023 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)
*	May 2022	1382	1212	14	598	0	598	3531.69	4561	6346	599
H	Jun 2022	1284	1198	25	598	0	598	3539.81	4604	6878	595
I	Jul 2022	491	463	28	672	0	672	3536.20	4551	6212	672
S	Aug 2022	368	444	27	713	0	713	3531.69	4529	5938	722
T	Sep 2022	245	420	24	547	0	547	3529.33	4517	5797	562
	WY 2022	6084	6107	203	6999	0	6999				7066
O	Oct 2022	437	535	17	480	0	480	3529.92	4520	5832	494
R	Nov 2022	349	394	17	498	0	498	3528.02	4511	5720	507
I	Dec 2022	281	358	13	550	0	550	3524.75	4496	5531	560
C	Jan 2023	361	424	4	500	0	501	3523.45	4490	5456	510
A	Feb 2023	270	337	4	480	0	480	3521.04	4479	5320	493
L	Mar 2023	573	552	6	486	0	486	3522.02	4484	5375	500
*	Apr 2023	1399	1103	10	819	90	909	3524.99	4497	5544	931
	May 2023	4000	3270	15	1088	0	1088	3556.64	4658	7551	1109
	Jun 2023	4200	3573	31	1064	0	1064	3586.77	4841	9846	1081
	Jul 2023	1400	1270	41	1150	0	1150	3587.64	4847	9918	1165
	Aug 2023	500	594	41	1175	0	1175	3580.60	4801	9342	1189
	Sep 2023	400	533	36	909	0	909	3575.77	4771	8960	925
	WY 2023	14170	12940	234	9200	90	9291				9465
	Oct 2023	417	451	25	480	0	480	3575.13	4767	8911	496
	Nov 2023	490	504	24	500	0	500	3574.89	4765	8892	505
	Dec 2023	361	478	19	600	0	600	3573.20	4755	8762	603
	Jan 2024	350	416	6	723	0	723	3569.40	4731	8473	727
	Feb 2024	397	448	6	639	0	639	3566.95	4717	8290	650
	Mar 2024	614	544	10	675	0	675	3565.17	4706	8159	689
	Apr 2024	920	751	16	601	0	601	3566.86	4716	8284	618
	May 2024	2060	1978	20	599	0	599	3583.07	4817	9542	620
	Jun 2024	2423	2025	36	628	0	628	3597.88	4918	10802	645
	Jul 2024	711	690	45	709	0	709	3597.22	4913	10743	724
	Aug 2024	371	515	45	758	0	758	3594.19	4892	10476	772
	Sep 2024	316	468	41	568	0	568	3592.68	4881	10346	584
	WY 2024	9430	9267	291	7480	0	7480				7633
	Oct 2024	417	489	28	643	0	643	3590.72	4868	10177	659
	Nov 2024	450	489	27	642	0	642	3588.75	4855	10011	647
	Dec 2024	361	487	21	715	0	715	3585.98	4836	9780	718
	Jan 2025	350	456	6	857	0	857	3581.35	4806	9403	861
	Feb 2025	397	478	6	749	9	758	3578.03	4785	9138	769
	Mar 2025	614	537	11	801	0	801	3574.78	4764	8883	815
	Apr 2025	920	746	17	713	0	713	3574.97	4766	8898	730

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

Model Run ID: 3224

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2023 24-Month Study

Most 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 2022	598	8	40	1083	17.6	25	1075	489	1047.69	7517
H	Jun 2022	598	16	47	889	14.9	29	877	467	1043.02	7187
I	Jul 2022	672	70	45	822	13.4	31	814	458	1040.92	7041
S	Aug 2022	713	183	48	573	9.3	25	567	473	1044.28	7275
T	Sep 2022	547	117	48	539	9.1	21	545	476	1045.03	7328
	WY 2022	6999	787	463	8899		222	8888			
O	Oct 2022	480	94	46	418	6.8	16	434	482	1046.28	7417
R	Nov 2022	498	18	40	713	12.0	8	714	467	1043.02	7187
I	Dec 2022	550	63	32	438	7.1	8	439	475	1044.82	7313
C	Jan 2023	501	103	22	412	6.7	7	413	485	1046.97	7466
A	Feb 2023	480	46	21	494	8.9	8	493	485	1047.02	7469
L	Mar 2023	486	226	23	754	12.3	10	749	481	1046.03	7399
*	Apr 2023	909	243	31	831	14.0	12	830	498	1049.69	7661
	May 2023	1088	181	40	965	15.7	26	965	512	1052.77	7884
	Jun 2023	1064	90	49	866	14.5	32	866	525	1055.41	8079
	Jul 2023	1150	55	48	818	13.3	32	818	544	1059.27	8367
	Aug 2023	1175	86	53	762	12.4	31	762	569	1064.35	8757
	Sep 2023	909	72	53	688	11.6	23	688	582	1066.97	8960
	WY 2023	9291	1277	457	8157		215	8168			
	Oct 2023	480	77	50	459	7.5	15	459	584	1067.36	8991
	Nov 2023	500	63	44	606	10.2	7	606	579	1066.22	8902
	Dec 2023	600	72	36	538	8.7	7	538	584	1067.32	8988
	Jan 2024	723	75	25	591	9.6	10	591	595	1069.38	9150
	Feb 2024	639	71	23	563	9.8	7	563	602	1070.76	9260
	Mar 2024	675	97	25	908	14.8	13	908	591	1068.70	9096
	Apr 2024	601	60	34	1033	17.4	14	1033	566	1063.64	8701
	May 2024	599	37	42	1014	16.5	18	1014	539	1058.23	8290
	Jun 2024	628	22	50	898	15.1	26	898	519	1054.16	7986
	Jul 2024	709	55	47	789	12.8	29	789	513	1052.85	7890
	Aug 2024	758	86	51	751	12.2	31	751	514	1052.99	7900
	Sep 2024	568	72	50	673	11.3	27	673	507	1051.57	7797
	WY 2024	7480	786	477	8823		205	8823			
	Oct 2024	643	77	47	486	7.9	22	486	517	1053.69	7952
	Nov 2024	642	63	42	592	9.9	12	592	521	1054.45	8008
	Dec 2024	715	72	34	524	8.5	8	524	534	1057.25	8216
	Jan 2025	857	75	24	587	9.5	12	587	553	1061.09	8506
	Feb 2025	758	71	22	558	10.1	9	558	567	1064.02	8731
	Mar 2025	801	97	25	903	14.7	16	903	565	1063.45	8687
	Apr 2025	713	60	33	1029	17.3	18	1029	546	1059.68	8399

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

Model Run ID: 3224

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2023 24-Month Study

Most 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 2022	1083	-20	14	1041	0	1041	16.9	643.35	1708
H	Jun 2022	889	-30	14	842	0	842	14.1	643.47	1712
I	Jul 2022	822	-26	12	770	0	770	12.5	643.97	1725
S	Aug 2022	573	-13	16	575	0	575	9.3	642.87	1695
T	Sep 2022	539	-6	16	617	0	617	10.4	639.17	1595
	WY 2022	8899	-222	151	8495	0	8495			
O	Oct 2022	418	-2	14	540	0	542	8.8	633.78	1454
R	Nov 2022	713	-15	13	516	0	516	8.7	640.22	1623
I	Dec 2022	438	4	13	436	0	436	7.1	639.97	1617
C	Jan 2023	412	2	9	347	0	347	5.6	642.12	1675
A	Feb 2023	494	-18	8	429	0	444	8.0	643.00	1699
L	Mar 2023	754	-6	10	705	0	705	11.5	644.17	1731
*	Apr 2023	831	-10	13	844	0	844	14.2	642.84	1694
	May 2023	965	-13	14	933	0	933	15.2	643.00	1699
	Jun 2023	866	-21	14	831	0	831	14.0	643.00	1699
	Jul 2023	818	-21	12	811	0	811	13.2	642.00	1671
	Aug 2023	762	-17	15	730	0	730	11.9	642.00	1671
	Sep 2023	688	-6	16	719	0	719	12.1	640.01	1617
	WY 2023	8157	-124	151	7841	0	7859			
	Oct 2023	459	-11	14	617	0	617	10.0	633.00	1434
	Nov 2023	606	-16	13	526	0	526	8.8	635.00	1486
	Dec 2023	538	-2	13	405	0	405	6.6	639.51	1604
	Jan 2024	591	-11	9	509	0	509	8.3	641.80	1666
	Feb 2024	563	-13	8	542	0	542	9.4	641.80	1666
	Mar 2024	908	-10	10	853	0	853	13.9	643.05	1700
	Apr 2024	1033	-14	13	1009	0	1009	17.0	643.00	1699
	May 2024	1014	-13	14	987	0	987	16.0	643.00	1699
	Jun 2024	898	-21	14	863	0	863	14.5	643.00	1699
	Jul 2024	789	-21	12	783	0	783	12.7	642.00	1671
	Aug 2024	751	-17	15	719	0	719	11.7	642.00	1671
	Sep 2024	673	-6	16	705	0	705	11.8	640.01	1617
	WY 2024	8823	-154	151	8518	0	8518			
	Oct 2024	486	-11	14	644	0	644	10.5	633.00	1434
	Nov 2024	592	-16	13	512	0	512	8.6	635.00	1486
	Dec 2024	524	-2	13	391	0	391	6.4	639.51	1604
	Jan 2025	587	-11	9	505	0	505	8.2	641.80	1666
	Feb 2025	558	-13	8	538	0	538	9.7	641.80	1666
	Mar 2025	903	-10	10	849	0	849	13.8	643.05	1700
	Apr 2025	1029	-14	13	1005	0	1005	16.9	643.00	1699

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2023 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)
*	May 2022	1041	8	13	741	12.0	106	150	448.68	593	145	2.4
H	Jun 2022	842	18	15	679	11.4	103	60	448.30	586	154	2.6
I	Jul 2022	770	31	17	639	10.4	106	19	448.84	596	150	2.4
S	Aug 2022	575	40	17	482	7.8	106	16	448.16	583	120	2.0
T	Sep 2022	617	15	15	458	7.7	103	52	447.96	579	108	1.8
	WY 2022	8495	176	140	6231		1117	1112			1499	
O	Oct 2022	542	26	12	393	6.4	106	66	447.14	564	67	1.1
R	Nov 2022	516	1	9	336	5.6	103	67	447.09	563	89	1.5
I	Dec 2022	436	14	7	277	4.5	101	63	447.06	562	87	1.4
C	Jan 2023	347	16	6	261	4.2	54	40	447.14	564	125	2.0
A	Feb 2023	444	1	8	370	6.7	16	40	447.47	570	130	2.3
L	Mar 2023	705	41	9	553	9.0	70	91	448.31	586	168	2.7
*	Apr 2023	844	52	11	669	11.2	49	169	447.68	574	153	2.6
	May 2023	933	20	13	680	11.1	68	175	448.00	580	127	2.1
	Jun 2023	831	24	15	693	11.6	67	68	448.00	580	130	2.2
	Jul 2023	811	17	17	708	11.5	71	21	448.00	580	130	2.1
	Aug 2023	730	19	17	625	10.2	85	20	447.50	571	103	1.7
	Sep 2023	719	12	15	537	9.0	82	86	447.50	570	96	1.6
	WY 2023	7859	242	139	6102		871	908			1404	
	Oct 2023	617	21	12	466	7.6	85	67	447.50	571	68	1.1
	Nov 2023	526	14	9	365	6.1	91	70	447.50	570	84	1.4
	Dec 2023	405	17	7	263	4.3	94	73	446.50	552	84	1.4
	Jan 2024	509	7	6	313	5.1	90	101	446.50	552	138	2.2
	Feb 2024	542	4	8	411	7.1	12	109	446.50	552	124	2.2
	Mar 2024	853	2	9	608	9.9	102	123	446.70	555	147	2.4
	Apr 2024	1009	7	11	727	12.2	93	136	448.70	593	147	2.5
	May 2024	987	4	13	734	11.9	89	143	448.70	593	110	1.8
	Jun 2024	863	10	16	714	12.0	86	45	448.70	593	116	2.0
	Jul 2024	783	17	17	686	11.2	89	10	448.00	580	123	2.0
	Aug 2024	719	19	17	621	10.1	89	10	447.50	571	102	1.7
	Sep 2024	705	12	15	533	9.0	86	72	447.50	570	99	1.7
	WY 2024	8518	134	139	6439		1006	960			1342	
	Oct 2024	644	21	12	482	7.8	89	74	447.50	571	89	1.4
	Nov 2024	512	14	9	375	6.3	86	49	447.50	570	115	1.9
	Dec 2024	391	17	7	270	4.4	89	57	446.50	552	110	1.8
	Jan 2025	505	7	6	313	5.1	86	101	446.50	552	138	2.2
	Feb 2025	538	4	8	411	7.4	8	109	446.50	552	124	2.2
	Mar 2025	849	2	9	608	9.9	98	123	446.70	555	147	2.4
	Apr 2025	1005	7	11	726	12.2	89	136	448.70	593	147	2.5

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

Model Run ID: 3224

Processed On: 5/9/2023 10:11:36AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2023 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
*	May 2022	1083	17.6	1047.69	7517	-509	397.38	1082.0	391.7	80	361.7
H	Jun 2022	889	14.9	1043.02	7187	-330	396.77	1076.9	315.1	81	354.6
I	Jul 2022	822	13.4	1040.92	7041	-146	392.29	1236.6	287.9	94	350.1
S	Aug 2022	573	9.3	1044.28	7275	234	399.70	1224.8	200.6	94	349.9
T	Sep 2022	539	9.1	1045.03	7328	53	400.65	1157.3	188.5	88	349.7
WY 2022		8899							3240.9		
O	Oct 2022	418	6.8	1046.28	7417	88	402.36	924.5	145.8	70	348.8
R	Nov 2022	713	12.0	1043.02	7187	-230	395.39	948.8	254.6	72	357.1
I	Dec 2022	438	7.1	1044.82	7313	126	403.20	975.8	152.9	72	348.9
C	Jan 2023	412	6.7	1046.97	7466	152	403.66	866.6	143.8	64	348.8
A	Feb 2023	494	8.9	1047.02	7469	4	399.03	810.5	175.9	60	356.5
L	Mar 2023	754	12.3	1046.03	7399	-70	397.62	863.6	270.4	65	358.8
*	Apr 2023	831	14.0	1049.69	7661	262	402.80	839.3	300.5	65	361.7
	May 2023	965	15.7	1052.77	7884	224	401.09	986.6	353.8	71	366.8
	Jun 2023	866	14.5	1055.41	8079	194	403.19	1080.0	315.0	78	363.9
	Jul 2023	818	13.3	1059.27	8367	289	405.40	1270.5	300.4	90	367.5
	Aug 2023	762	12.4	1064.35	8757	389	409.46	1404.9	280.2	97	367.9
	Sep 2023	688	11.6	1066.97	8960	204	413.62	1474.0	253.3	100	368.4
WY 2023		8157							2946.8		
	Oct 2023	459	7.5	1067.36	8991	30	421.33	924.9	173.3	63	377.6
	Nov 2023	606	10.2	1066.22	8902	-89	423.25	924.9	232.1	63	382.8
	Dec 2023	538	8.7	1067.32	8988	86	419.86	1101.0	198.9	75	370.0
	Jan 2024	591	9.6	1069.38	9150	162	419.78	1027.0	221.9	69	375.6
	Feb 2024	563	9.8	1070.76	9260	110	420.74	1027.0	212.2	69	377.2
	Mar 2024	908	14.8	1068.70	9096	-163	418.68	1203.0	343.7	81	378.7
	Apr 2024	1033	17.4	1063.64	8701	-395	412.80	1460.0	383.1	100	370.7
	May 2024	1014	16.5	1058.23	8290	-412	407.64	1418.0	368.3	100	363.1
	Jun 2024	898	15.1	1054.16	7986	-304	402.95	1390.0	324.1	100	361.0
	Jul 2024	789	12.8	1052.85	7890	-96	400.61	1399.4	284.4	100	360.4
	Aug 2024	751	12.2	1052.99	7900	10	400.36	1399.4	269.2	100	358.3
	Sep 2024	673	11.3	1051.57	7797	-104	400.37	1399.4	239.2	100	355.3
WY 2024		8823							3250.3		
	Oct 2024	486	7.9	1053.69	7952	155	405.30	1098.4	177.3	78	364.7
	Nov 2024	592	9.9	1054.45	8008	56	409.44	1028.8	217.2	74	367.2
	Dec 2024	524	8.5	1057.25	8216	208	407.78	1219.3	187.1	86	357.2
	Jan 2025	587	9.5	1061.09	8506	290	410.56	1008.5	215.3	70	367.0
	Feb 2025	558	10.1	1064.02	8731	225	413.17	1023.2	207.5	70	371.7
	Mar 2025	903	14.7	1063.45	8687	-44	412.19	1261.5	335.2	87	371.1
	Apr 2025	1029	17.3	1059.68	8399	-288	409.62	1242.9	381.1	87	370.3

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

Model Run ID: 3224

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2023 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
*	May 2022	1041	16.9	643.35	1708	7	140.42	241.8	132.1	95	126.9
H	Jun 2022	842	14.1	643.47	1712	3	139.18	251.6	108.5	99	128.9
I	Jul 2022	770	12.5	643.97	1725	14	144.37	255.0	99.3	100	129.1
S	Aug 2022	575	9.3	642.87	1695	-30	141.93	253.3	74.7	99	129.9
T	Sep 2022	617	10.4	639.17	1595	-100	137.50	248.2	78.5	97	127.3
	WY 2022	8495							1074.5		
O	Oct 2022	540	8.8	633.78	1454	-141	134.35	185.9	66.9	73	123.8
R	Nov 2022	516	8.7	640.22	1623	169	141.13	154.7	62.5	61	121.1
I	Dec 2022	436	7.1	639.97	1617	-7	140.89	159.6	53.9	63	123.5
C	Jan 2023	347	5.6	642.12	1675	58	143.26	157.9	44.3	62	127.7
A	Feb 2023	429	8.0	643.00	1699	24	141.81	185.8	56.7	73	132.3
L	Mar 2023	705	11.5	644.17	1731	32	141.44	215.5	93.4	85	132.4
*	Apr 2023	844	14.2	642.84	1694	-36	138.90	255.0	108.3	100	128.3
	May 2023	933	15.2	643.00	1699	4	139.11	255.0	116.9	100	125.3
	Jun 2023	831	14.0	643.00	1699	0	139.61	255.0	104.5	100	125.8
	Jul 2023	811	13.2	642.00	1671	-27	139.40	255.0	101.9	100	125.6
	Aug 2023	730	11.9	642.00	1671	0	139.40	255.0	91.6	100	125.6
	Sep 2023	719	12.1	640.01	1617	-54	138.32	255.0	89.6	100	124.6
	WY 2023	7841							990.5		
	Oct 2023	617	10.0	633.00	1434	-183	134.64	227.0	74.8	89	121.3
	Nov 2023	526	8.8	635.00	1486	51	132.63	159.8	62.9	63	119.5
	Dec 2023	405	6.6	639.51	1604	118	136.90	154.7	49.9	61	123.3
	Jan 2024	509	8.3	641.80	1666	62	139.53	156.3	64.0	61	125.7
	Feb 2024	542	9.4	641.80	1666	0	140.19	160.0	68.5	63	126.3
	Mar 2024	853	13.9	643.05	1700	34	139.08	194.1	106.9	76	125.3
	Apr 2024	1009	17.0	643.00	1699	-2	138.62	249.9	126.0	98	124.9
	May 2024	987	16.0	643.00	1699	0	138.89	255.0	123.5	100	125.1
	Jun 2024	863	14.5	643.00	1699	0	139.43	255.0	108.4	100	125.6
	Jul 2024	783	12.7	642.00	1671	-27	139.57	255.0	98.4	100	125.7
	Aug 2024	719	11.7	642.00	1671	0	139.47	255.0	90.4	100	125.7
	Sep 2024	705	11.8	640.01	1617	-54	138.42	255.0	87.9	100	124.7
	WY 2024	8518							1061.6		
	Oct 2024	644	10.5	633.00	1434	-183	134.45	227.0	78.0	89	121.1
	Nov 2024	512	8.6	635.00	1486	51	132.74	159.8	61.2	63	119.6
	Dec 2024	391	6.4	639.51	1604	118	137.00	154.7	48.3	61	123.4
	Jan 2025	505	8.2	641.80	1666	62	139.56	156.3	63.5	61	125.7
	Feb 2025	538	9.7	641.80	1666	0	140.07	156.6	67.9	61	126.2
	Mar 2025	849	13.8	643.05	1700	34	139.11	194.1	106.4	76	125.3
	Apr 2025	1005	16.9	643.00	1699	-2	138.64	249.9	125.5	98	124.9

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2023 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
*	May 2022	741	12.0	448.68	593	30	84.09	120.0	51.5	100	69.5
H	Jun 2022	679	11.4	448.30	586	-7	78.23	120.0	47.2	100	69.4
I	Jul 2022	639	10.4	448.84	596	10	82.19	120.0	44.7	100	69.9
S	Aug 2022	482	7.8	448.16	583	-13	83.58	120.0	33.4	100	69.3
T	Sep 2022	458	7.7	447.96	579	-4	81.26	120.0	31.4	100	68.7
	WY 2022	6231							431.0		
O	Oct 2022	393	6.4	447.14	564	-15	81.28	91.9	27.2	77	69.1
R	Nov 2022	336	5.6	447.09	563	-1	82.54	82.0	22.8	68	68.0
I	Dec 2022	277	4.5	447.06	562	0	82.38	60.0	18.5	50	66.8
C	Jan 2023	261	4.2	447.14	564	2	81.41	72.6	17.3	60	66.4
A	Feb 2023	357	6.7	447.47	570	6	81.43	94.3	25.4	79	71.2
L	Mar 2023	553	9.0	448.31	586	16	81.24	120.0	38.6	100	69.8
*	Apr 2023	669	11.2	447.68	574	-12	79.27	120.0	46.4	100	69.4
	May 2023	680	11.1	448.00	580	6	78.30	116.1	47.4	97	69.8
	Jun 2023	693	11.6	448.00	580	0	78.23	120.0	48.3	100	69.7
	Jul 2023	708	11.5	448.00	580	0	78.28	120.0	49.1	100	69.4
	Aug 2023	625	10.2	447.50	571	-9	78.56	120.0	43.4	100	69.4
	Sep 2023	537	9.0	447.50	570	0	78.80	120.0	37.2	100	69.3
	WY 2023	6088							421.8		
	Oct 2023	466	7.6	447.50	571	0	79.46	91.0	32.7	76	70.3
	Nov 2023	365	6.1	447.50	570	0	80.16	92.0	25.1	77	68.7
	Dec 2023	263	4.3	446.50	552	-19	80.65	112.3	16.7	94	63.7
	Jan 2024	313	5.1	446.50	552	0	79.71	92.9	20.9	77	66.8
	Feb 2024	411	7.1	446.50	552	0	78.66	96.2	28.4	80	69.1
	Mar 2024	608	9.9	446.70	555	4	77.53	120.0	41.7	100	68.6
	Apr 2024	727	12.2	448.70	593	38	77.71	120.0	50.5	100	69.5
	May 2024	734	11.9	448.70	593	0	78.82	120.0	51.5	100	70.2
	Jun 2024	714	12.0	448.70	593	0	78.79	120.0	50.1	100	70.2
	Jul 2024	686	11.2	448.00	580	-13	78.77	120.0	47.9	100	69.8
	Aug 2024	621	10.1	447.50	571	-10	78.59	120.0	43.1	100	69.4
	Sep 2024	533	9.0	447.50	570	0	78.83	120.0	36.9	100	69.3
	WY 2024	6439							445.6		
	Oct 2024	482	7.8	447.50	571	0	79.34	90.0	33.8	75	70.1
	Nov 2024	375	6.3	447.50	570	0	80.08	92.0	25.7	77	68.6
	Dec 2024	270	4.4	446.50	552	-19	80.59	114.2	17.2	95	63.6
	Jan 2025	313	5.1	446.50	552	0	79.71	92.9	20.9	77	66.8
	Feb 2025	411	7.4	446.50	552	0	78.54	95.4	28.4	79	69.0
	Mar 2025	608	9.9	446.70	555	4	77.53	120.0	41.7	100	68.6
	Apr 2025	726	12.2	448.70	593	38	77.71	120.0	50.5	100	69.5

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2023 24-Month Study

Most 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 2022	214	52	20	31	18	3
H	Jun 2022	222	41	18	25	16	6
I	Jul 2022	251	29	23	29	17	7
S	Aug 2022	265	39	23	31	18	6
T	Sep 2022	201	42	14	27	13	5
	Summer 2022	1332	222	108	160	92	28
O	Oct 2022	175	42	0	21	10	2
R	Nov 2022	181	38	0	6	2	1
I	Dec 2022	199	40	1	6	2	4
C	Jan 2023	182	41	4	5	2	4
A	Feb 2023	172	37	5	6	0	1
L	Mar 2023	173	23	4	6	0	3
	Winter 2023	1083	220	15	49	16	15
*	Apr 2023	291	17	5	9	3	4
	May 2023	397	17	27	44	23	6
	Jun 2023	418	53	25	37	22	7
	Jul 2023	467	29	33	40	21	8
	Aug 2023	474	32	33	40	20	7
	Sep 2023	362	34	8	37	18	4
	Summer 2023	2409	181	132	207	108	37
	Oct 2023	191	20	21	25	9	4
	Nov 2023	198	19	15	19	10	4
	Dec 2023	237	30	28	34	17	5
	Jan 2024	283	30	13	16	9	4
	Feb 2024	249	28	12	15	8	4
	Mar 2024	262	21	14	17	9	3
	Winter 2024	1419	149	102	126	62	24
	Apr 2024	233	20	14	21	12	2
	May 2024	237	76	24	37	22	6
	Jun 2024	256	21	41	53	22	7
	Jul 2024	293	25	34	40	21	8
	Aug 2024	312	35	35	41	21	7
	Sep 2024	234	37	32	38	19	6
	Summer 2024	1566	215	180	229	117	36
	Oct 2024	263	26	26	32	10	4
	Nov 2024	261	27	14	18	9	4
	Dec 2024	289	42	19	24	12	4
	Jan 2025	346	42	15	18	10	3
	Feb 2025	300	38	13	17	9	3
	Mar 2025	319	21	11	15	8	3
	Winter 2025	1778	195	99	123	58	20
	Apr 2025	283	20	12	19	11	2

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2023 24-Month Study

Most 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 ****								**** EFFECTIVE SPACE ****										
May 2023	1,295	466	524	17769	20055	19959	40014	819	466	261	1546	17769	19959	39275	1500	965	0	22.8
Jun 2023	949	325	361	15763	17398	19736	37134	455	309	61	825	15763	19736	36323	1500	866	0	25.8
Jul 2023	638	72	399	13468	14576	19541	34118	122	28	47	197	13468	19541	33206	1500	818	0	26.3
								**** CREDITABLE SPACE ****										
Aug 2023	534	43	408	13396	14381	19253	33633	534	43	408	985	13396	19253	33633	1500	762	0	26.0
Sep 2023	561	76	428	13972	15037	18863	33900	561	76	428	1065	13972	18863	33900	2270	688	0	25.6
Oct 2023	623	129	433	14353	15539	18660	34199	623	129	433	1186	14353	18660	34199	3040	459	0	25.4
Nov 2023	639	155	425	14403	15622	18629	34252	639	155	425	1219	14403	18629	34252	3810	606	0	25.3
Dec 2023	647	174	424	14422	15667	18718	34385	647	174	424	1245	14422	18718	34385	4580	538	0	25.2
Jan 2024	705	238	425	14552	15919	18632	34552	705	238	425	1367	14552	18632	34552	5350	591	0	25.1
								**** EFFECTIVE SPACE ****										
Jan 2024	705	238	425	14552	15919	18632	34552	412	208	147	767	14552	18632	33951	5350	591	0	25.1
Feb 2024	755	255	429	14841	16280	18470	34750	460	227	151	837	14841	18470	34149	1500	563	0	25.0
Mar 2024	798	271	425	15024	16518	18360	34879	502	244	146	891	15024	18360	34275	1500	908	0	24.8
Apr 2024	779	278	380	15154	16592	18524	35116	478	252	94	824	15154	18524	34502	1500	1033	0	24.7
May 2024	734	245	317	15030	16327	18919	35245	427	220	7	654	15030	18919	34603	1500	1014	0	25.6
Jun 2024	728	130	384	13772	15015	19330	34345	415	97	35	546	13772	19330	33649	1500	898	0	26.9
Jul 2024	423	26	435	12512	13396	19634	33030	89	-22	29	96	12512	19634	32242	1500	789	0	26.7
								**** CREDITABLE SPACE ****										
Aug 2024	353	38	465	12571	13426	19730	33156	353	38	465	855	12571	19730	33156	1500	751	0	26.3
Sep 2024	405	80	496	12837	13818	19720	33537	405	80	496	980	12837	19720	33537	2270	673	0	25.9
Oct 2024	484	138	501	12968	14091	19823	33915	484	138	501	1123	12968	19823	33915	3040	486	0	25.6
Nov 2024	516	188	496	13136	14336	19668	34004	516	188	496	1200	13136	19668	34004	3810	592	0	25.5
Dec 2024	549	205	496	13303	14552	19612	34164	549	205	496	1249	13303	19612	34164	4580	524	0	25.4
Jan 2025	638	241	500	13533	14912	19404	34317	638	241	500	1379	13533	19404	34317	5350	587	0	25.3
								**** EFFECTIVE SPACE ****										
Jan 2025	638	241	500	13533	14912	19404	34317	351	216	492	1059	13533	19404	33996	5350	587	0	25.3
Feb 2025	720	265	504	13911	15399	19114	34513	432	240	496	1168	13911	19114	34193	1500	558	0	25.2
Mar 2025	789	284	499	14176	15749	18889	34638	501	261	491	1253	14176	18889	34318	1500	903	0	25.0
Apr 2025	770	285	454	14431	15939	18933	34872	477	263	438	1178	14431	18933	34542	1500	1029	0	24.9

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