

May 24-Month Study
Date: May 12, 2020

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

Current Reservoir Status

| Reservoir | April Inflow (unregulated) (acre-feet) | Percent of Average (%) | May 11, Midnight Elevation (feet) | May 11, Midnight Reservoir Storage (acre-feet) |
|---------------|---|------------------------------|--|--|
| Fontenelle | 83,300 | 98 | 6,481.76 | 175,900 |
| Flaming Gorge | 113,500 | 85 | 6,027.21 | 3,242,600 |
| Blue Mesa | 50,000 | 65 | 7,482.85 | 527,000 |
| Navajo | 79,900 | 47 | 6,058.77 | 1,332,000 |
| Powell | 474,600 | 45 | 3,600.81 | 11,828,000 |

Expected Operations

The operation of Lake Powell and Lake Mead in this May 2020 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 2020 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2019 24-Month Study projections of the January 1, 2020, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2020.

Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2020 will be governed by the Upper Elevation Balancing Tier. With an 8.23 million acre-foot (maf) release from Lake Powell in water year 2020, the April 2020 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet, and the end of water year elevation at Lake Mead to be above 1,075 feet. Therefore, in accordance with Section 6.B.1 of the Interim Guidelines, Lake Powell will continue to release 8.23 maf through the remainder of water year 2020.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2020. In addition, Section III.B of Exhibit 1 to the Lower Basin Drought Contingency Plan (DCP) Agreement will also govern the operation of Lake Mead in calendar year 2020.

The 2020 AOP is available for download at:

<https://www.usbr.gov/lc/region/g4000/aop/AOP20.pdf>.

The Interim Guidelines are available for download at:

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

The Colorado River DCPs are available for download at:

<https://www.usbr.gov/lc/region/programs/dcp.html>.

Fontenelle Reservoir – As of May 5, 2020, the Fontenelle Reservoir pool elevation is 6479.29 feet, which amounts to 47 percent of live storage capacity. Inflows for the month of April totaled 83,000 acre-feet (af) or 97 percent of average. Releases will be increased on May 7, 2020, from 1,400 cfs to 1,600 cfs.

The May final forecast for unregulated inflows into Fontenelle for the next three months projects below average conditions. May, June, and July inflow volumes amount to 175,000 af (107 percent of average), 265,000 af (89 percent of average), and 147,000 af (83 percent of average), respectively.

The May water supply forecast of the April through July inflow volume into the Fontenelle Reservoir is 670,000 acre-feet (92 percent of average). Current snowpack is 94 percent of median for the Upper Green Basin.

The next Fontenelle Working Group meeting is scheduled for August 27, 2020. The meeting will be held at 10:00am at the Seedskaadee National Wildlife Refuge. Depending on the COVID-19 (Coronavirus) situation we may need to change it to a virtual meeting using WebEX. 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 Reservoir – As of May 6, 2020 Flaming Gorge Reservoir pool elevation is 6026.69 feet, which amounts to 86 percent of live storage capacity. Inflows for the month of March is 103,546 acre-feet (af) or 80 percent of average.

As of May 6, 2020, average daily releases will likely remain at 950 cfs through the end of May, or until the Larval Trigger Study Plan Razorback sucker spring peak releases are needed to supplement Yampa River peaks with a combined discharge of greater than 14,000 cfs and peak close to 18,600 cfs in Reach 2. 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.

The May final forecast for unregulated inflows into Flaming Gorge for the next three months projects near average conditions. May, June, and July forecasted unregulated inflow volumes amount to 240,000 af (98 percent of average), 350,000 af (90 percent of average), and 176,000 af (84 percent of average), respectively.

The May water supply forecast of the April through July unregulated inflow volume into Flaming Gorge Reservoir is 880,000 acre-feet (90 percent of average). Current snowpack is 94 percent of median for the Upper Green Basin.

Reclamation is planning to hold the next Flaming Gorge Working Group meeting on August 20, 2020, time and location to be determined. 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 5, 2020 releases from Crystal Dam are approximately 1,450 cfs. Gunnison Tunnel diversions for irrigation season are increasing each week and as of today UUVUA is diverting 1,050 cfs through the Gunnison Tunnel. The capacity of the Gunnison Tunnel is approximately 1,150 cfs. Flows in the Black Canyon are about 420 cfs. Reclamation is currently (May 7, 2020) operating day-to-day watching the North Fork of the Gunnison River looking for the most prominent peak flow in order to trigger the spring peak release from Aspinall for this year.

The most recent forecast (May) for unregulated inflow during the water supply period (April through July) is projecting Blue Mesa will receive 450,000 af. Based on this forecast, the spring peak flow of the Gunnison River in the Whitewater Reach Reclamation plans to target a peak flow of approximately 5,400 cfs for 1 day. Additionally, Reclamation plans to target a peak flow of the Gunnison River within the Black Canyon of 2,210 cfs for 1 day. Reclamation will gradually increase releases over multiple days to achieve these peak targets and then will gradually decrease releases after the targets have been achieved. The peak release will require elevated releases from Aspinall for approximately 2 weeks.

Blue Mesa is not projected to fill this year based on the most recent inflow forecast. On May 5, 2020, the elevation of Blue Mesa was 7481.83 feet above sea level corresponding to a live storage of 519,400 af (63 percent of capacity). The elevation of Blue Mesa is currently rising each day as inflows are exceeding releases. By late July, based on current projections, the elevation of Blue Mesa is projected to reach about 7502 feet above sea level which corresponds to a live storage level of 678,000 af (82 percent of full capacity).

The unregulated inflow volume in April to Blue Mesa was 50,000 af (65 percent of average). Unregulated Inflow volumes forecasted for Blue Mesa for the next three months (May, June and July) are projected to be: 175,000 af (79 percent of average), 167,000 af (64 percent of average) and 58,000 af (50 percent of average), respectively. The May 24-Month Study is reflective of these new forecasts. The April through July forecasted most probable unregulated inflow volume to Blue Mesa is 450,000 af (72 percent of average). The 2020 water year forecasted unregulated inflow volume is 692,500 af (67 percent of average).

The Aspinall Unit Working 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 Working 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 meeting of the Aspinall Unit Working Group was to be held in August of 2020. The exact date and time have not yet been scheduled. The meeting will likely be held at the National Park Service visitor center at Blue Mesa Reservoir. More details will be shared as they become available.

Navajo Reservoir – On May 6th the daily average release rate from Navajo Dam was approximately 476 cfs while reservoir inflow (modified unregulated) was averaging approximately 2,821 cfs. The water surface elevation was 6057.67 feet above sea level. At this elevation the live storage is 1.32 maf (77 percent of live storage capacity) and the active storage is 0.66 maf (63 percent of active storage capacity). NIIP is diverting 710 cfs. The river flow measured at the Animas River at Farmington USGS gage was at 1,700 cfs. River flow at the San Juan River at Four Corners USGS gage was 1,800 cfs.

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.

Preliminary modified-unregulated inflow into Navajo (inflow adjusted for upstream change in storage, reservoir evaporation and exportation from the basin) in March was 80 kaf (50 percent of average for the month).

Forecast modified-unregulated inflow to Navajo over the next three months (May, June, and July) are projected to be: 195 kaf (70 percent of average), 78 kaf (35 percent of average), and 12 kaf (18 percent of average), respectively.

The April through July runoff forecasts are as follows:

Min Probable: 270 kaf (37 percent of average)

Most Probable: 365 kaf (50 percent of average)

Max Probable: 475 kaf (64 percent of average)

Releases for the fall and winter will be made to target the San Juan River Recovery Implementation Program's recommended downstream baseflow range of 500 cfs to 1000 cfs. To accomplish this, releases will likely range between 300 cfs and 600 cfs throughout the spring. Based on current storage levels at Navajo and available water calculated as recommended by the San Juan River Recovery Implementation Program, there are no plans for a Spring Peak Release at Navajo Reservoir this spring.

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 take place in late August, with meeting details forthcoming.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell during April was 475 thousand acre-feet (kaf) (45 percent of average). The release volume from Glen Canyon Dam in April 630 kaf. The end of April elevation and storage of Lake Powell were 3599.32 ft (101 feet from full pool) and 11.69 maf (48 percent of full capacity), respectively.

Current Operations

The operating tier for water year 2020 (September 2019 through October 2020) was established in August 2019 as the Upper Elevation Balancing Tier, consistent with Section 6.B of the Interim Guidelines. Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2020 will be governed by the Upper Elevation Balancing Tier. With an 8.23 million acre-foot (maf) release from Lake Powell in water year 2020, the April 2020 24-Month Study projects the end of water year elevation at Lake Powell to be above 3,575 feet, and the end of water year elevation at Lake Mead to be above 1,075 feet. Therefore, in accordance with Section 6.B.1 of the Interim Guidelines, Lake Powell will continue to release 8.23 maf through the remainder of water year 2020.

The Department of the Interior is conducting the fourth experimental flow at Glen Canyon Dam since implementing its Long-Term Experimental and Management Plan (LTEMP). The goal is to provide enhanced habitat for the lifecycle of aquatic insects that are the primary food source for fish in the Colorado River.

Experiments under LTEMP consist of four different flow regimes: high flows, macroinvertebrate flows (bug flows), trout management flows, and low summer flows. Collaborative discussions among technical experts resulted in a decision to begin this third consecutive year of the bug flow experiment on May 1 and continue through August 31, 2020. It will slightly modify the schedule and flow rates of water releases from Lake Powell through Glen Canyon Dam, Arizona. The normally scheduled monthly and weekly release volumes will not be affected.

Flows during the experiment will include steady weekend water releases with routine hydropower production flows on weekdays that include normal hourly changes in release rates. Those steady weekend flows are expected to provide favorable conditions for aquatic insects to lay and cement their eggs to rocks, vegetation, and other materials near the river's edge. Steady weekend flows will be relatively low, within two inches of typical weekday low water levels. It is unlikely casual recreational river users will notice

the changes in water levels. Insects expected to benefit from this experiment are an important food source for many species of fish, birds, and bats in the canyon. Beyond expected resource benefits, this experiment will also provide scientific information that will be used in future decision making. Although every effort will be made to match the design of the experiment described above, Reclamation will continue to exercise the operational flexibility described in the LTEMP ROD.

Macroinvertebrate Release Information

| Month | Release Volume (af) | Maximum Daily Flucuation (cfs) | Weekday Maximum (cfs) | Weekday Minimum (cfs) | Weekend Release (cfs) |
|--------------|----------------------------|---------------------------------------|------------------------------|------------------------------|------------------------------|
| May | 630,000 | 2,525 | 11,665 | 9,135 | 9,890 |
| June | 650,000 | 6,500 | 14,565 | 8,065 | 8,815 |
| July | 750,000 | 7,500 | 16,030 | 8,530 | 9,280 |
| August | 835,000 | 8,000 | 17,880 | 9,880 | 10,630 |

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 1,200 cfs above or below the hourly scheduled release rate. Under system normal 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 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly 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 2020 unregulated inflow to Lake Powell, issued on May 4, 2020, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume this year will be 7.4 maf (68 percent of average). There is significant uncertainty regarding this season’s snowpack development and resulting runoff into Lake Powell. Reclamation updates the minimum and maximum probable forecasts four times a year: January, April, August and October. The April forecast ranges from a minimum probable of 6.73 maf (62 percent of average) to a maximum probable of 11.24 maf (104 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, the May 24-Month Study projects Lake Powell elevation will end water year 2020 near 3,606.65 feet with approximately 12.40 maf in storage (51 percent of capacity). Note that projections of elevation and storage for water year 2020 have some uncertainty at this point in the season. Projections of end of water year 2020 elevation and storage using the minimum and maximum probable inflow forecast from April 2020 are 3,604.01 feet (12.14 maf, 50 percent of capacity) and 3,636.08 feet (15.55 maf, 64 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2020 will be 8.23 maf under all scenarios.

Upper Colorado River Basin Hydrology

Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 20-year period 2000 to 2019, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 4 out of the past 19 years. The period 2000-2019 is the lowest 20-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.76 maf, or 81 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2019 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2018 unregulated inflow volume to Lake Powell was 4.6 maf (43 percent of average), the third driest year on record above 2002 and 1977. Under the current most probable forecast, the total water year 2020 unregulated inflow to Lake Powell is projected to be 7.4 maf (68 percent of average).

At the beginning of water year 2020, total system storage in the Colorado River Basin was 31.64 maf (53 percent of 59.6 maf total system capacity). This is an increase of 3.64 maf over the total storage at the beginning of water year 2019 when total system storage was 28 maf (47 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 53 percent of capacity at the beginning of water year 2020. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2020 is approximately 29.9 maf (50 percent of total system capacity). The actual end of water year 2020 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

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

| : | Obs | | | | sep | Forecast | | | | |
|---------------------|------|------|------|------|------|----------|-------|------|---------|------|
| : | jan | feb | mar | apr | %Avg | may | jun | jul | apr-jul | %Avg |
| GLDA3:Lake Powell | 277 | 288 | 475 | 475 | 45%: | 1850/ | 1800/ | 525/ | 4650/: | 65% |
| GBRW4:Fontenelle | 34 | 32 | 54 | 83 | 97%: | 175/ | 265/ | 147/ | 670/: | 92% |
| GRNU1:Flaming Gorge | 49 | 47 | 106 | 114 | 86%: | 240/ | 350/ | 176/ | 880/: | 90% |
| BMDC2:Blue Mesa | 26 | 23 | 34 | 50 | 65%: | 175/ | 167/ | 58/ | 450/: | 67% |
| MPSC2:Morrow Point | 27 | 23 | 36 | 54 | 61%: | 195/ | 175/ | 61/ | 485/: | 66% |
| CLSC2:Crystal | 31 | 26 | 42 | 59 | 59%: | 215/ | 195/ | 66/ | 535/: | 64% |
| TPIC2:Taylor Park | 4.6 | 4.3 | 4.6 | 7.0 | 80%: | 27/ | 28/ | 11/ | 73/: | 74% |
| VCRC2:Vallecito | 4.6 | 3.6 | 5.8 | 15.9 | 68%: | 55/ | 40/ | 15/ | 126/: | 65% |
| NVRN5:Navajo | 16.5 | 16.6 | 35 | 80 | 47%: | 195/ | 78/ | 12/ | 365/: | 50% |
| LEMC2:Lemon | 0.51 | 0.43 | 0.84 | 2.6 | 46%: | 16/ | 12/ | 3/ | 34/: | 62% |
| MPHC2:McPhee | 2.4 | 2.3 | 5.0 | 11.2 | 16%: | 72/ | 37/ | 10/ | 130/: | 44% |
| RBSC2:Ridgway | 3.4 | 3.2 | 3.7 | 4.5 | 42%: | 20/ | 27/ | 13/ | 65/: | 64% |
| YDLC2:Deerlodge | 25 | 20 | 93 | 175 | 78%: | 580/ | 400/ | 65/ | 1220/: | 98% |
| DRGC2:Durango | 8.4 | 8.2 | 10.2 | 27 | 51%: | 110/ | 90/ | 33/ | 260/: | 63% |

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2020 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 2019 | 167 | 1 | 98 | 0 | 98 | 6486.46 | 204 |
| H | Jun 2019 | 337 | 2 | 107 | 171 | 278 | 6494.89 | 261 |
| I | Jul 2019 | 184 | 3 | 86 | 39 | 125 | 6502.48 | 317 |
| S | Aug 2019 | 57 | 2 | 74 | 0 | 74 | 6499.98 | 298 |
| T | Sep 2019 | 41 | 2 | 19 | 47 | 66 | 6496.36 | 271 |
| | WY 2019 | 1101 | 15 | 799 | 278 | 1077 | | |
| O | Oct 2019 | 50 | 1 | 61 | 7 | 67 | 6493.83 | 253 |
| R | Nov 2019 | 46 | 1 | 63 | 0 | 63 | 6491.39 | 236 |
| I | Dec 2019 | 36 | 1 | 64 | 0 | 64 | 6487.01 | 208 |
| C | Jan 2020 | 34 | 1 | 64 | 0 | 64 | 6481.89 | 177 |
| A | Feb 2020 | 32 | 1 | 60 | 0 | 60 | 6476.34 | 147 |
| L | Mar 2020 | 54 | 1 | 65 | 0 | 65 | 6473.94 | 136 |
| * | Apr 2020 | 83 | 1 | 73 | 0 | 73 | 6475.89 | 145 |
| | May 2020 | 175 | 1 | 100 | 0 | 100 | 6488.61 | 219 |
| | Jun 2020 | 265 | 2 | 103 | 103 | 206 | 6496.86 | 276 |
| | Jul 2020 | 147 | 3 | 105 | 11 | 115 | 6500.78 | 305 |
| | Aug 2020 | 60 | 2 | 73 | 0 | 73 | 6498.77 | 290 |
| | Sep 2020 | 45 | 2 | 65 | 0 | 65 | 6495.72 | 268 |
| | WY 2020 | 1027 | 15 | 897 | 120 | 1016 | | |
| | Oct 2020 | 48 | 1 | 25 | 43 | 68 | 6492.77 | 247 |
| | Nov 2020 | 42 | 1 | 65 | 0 | 65 | 6489.08 | 222 |
| | Dec 2020 | 32 | 1 | 68 | 0 | 68 | 6483.39 | 186 |
| | Jan 2021 | 30 | 1 | 68 | 0 | 68 | 6476.38 | 148 |
| | Feb 2021 | 28 | 0 | 61 | 0 | 61 | 6468.87 | 114 |
| | Mar 2021 | 53 | 0 | 70 | 0 | 70 | 6464.41 | 97 |
| | Apr 2021 | 85 | 1 | 71 | 0 | 71 | 6467.86 | 110 |
| | May 2021 | 164 | 1 | 90 | 0 | 90 | 6482.78 | 183 |
| | Jun 2021 | 299 | 2 | 102 | 98 | 200 | 6497.39 | 280 |
| | Jul 2021 | 178 | 3 | 104 | 40 | 144 | 6501.55 | 311 |
| | Aug 2021 | 77 | 2 | 97 | 0 | 97 | 6498.51 | 288 |
| | Sep 2021 | 46 | 2 | 21 | 51 | 71 | 6494.73 | 260 |
| | WY 2021 | 1081 | 14 | 842 | 231 | 1073 | | |
| | Oct 2021 | 49 | 1 | 68 | 0 | 68 | 6491.84 | 240 |
| | Nov 2021 | 42 | 1 | 65 | 0 | 65 | 6488.18 | 216 |
| | Dec 2021 | 32 | 1 | 68 | 0 | 68 | 6482.35 | 180 |
| | Jan 2022 | 30 | 1 | 68 | 0 | 68 | 6475.13 | 142 |
| | Feb 2022 | 28 | 0 | 61 | 0 | 61 | 6467.38 | 108 |
| | Mar 2022 | 53 | 0 | 70 | 0 | 70 | 6462.76 | 91 |
| | Apr 2022 | 85 | 1 | 71 | 0 | 71 | 6466.35 | 104 |

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2020 24-Month Study

Most 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 2019 | 252 | 183 | 8 | 99 | 0 | 99 | 136 | 6030.71 | 3376 | 568 |
| H | Jun 2019 | 460 | 400 | 11 | 215 | 100 | 315 | 139 | 6032.55 | 3448 | 950 |
| I | Jul 2019 | 227 | 169 | 14 | 100 | 0 | 100 | 141 | 6033.89 | 3502 | 376 |
| S | Aug 2019 | 59 | 76 | 13 | 109 | 0 | 109 | 139 | 6032.79 | 3458 | 151 |
| T | Sep 2019 | 49 | 74 | 11 | 113 | 0 | 113 | 137 | 6031.57 | 3410 | 134 |
| | WY 2019 | 1553 | 1529 | 82 | 1315 | 100 | 1415 | | | | 3351 |
| O | Oct 2019 | 53 | 70 | 7 | 80 | 0 | 80 | 136 | 6031.13 | 3393 | 109 |
| R | Nov 2019 | 63 | 79 | 4 | 81 | 0 | 81 | 136 | 6030.99 | 3387 | 115 |
| I | Dec 2019 | 39 | 67 | 2 | 128 | 0 | 128 | 134 | 6029.43 | 3327 | 169 |
| C | Jan 2020 | 49 | 80 | 2 | 133 | 0 | 133 | 132 | 6028.03 | 3274 | 168 |
| A | Feb 2020 | 47 | 76 | 2 | 124 | 0 | 124 | 130 | 6026.75 | 3225 | 157 |
| L | Mar 2020 | 106 | 117 | 3 | 119 | 0 | 119 | 130 | 6026.61 | 3220 | 228 |
| * | Apr 2020 | 114 | 104 | 5 | 112 | 0 | 112 | 129 | 6026.26 | 3207 | 308 |
| | May 2020 | 240 | 165 | 8 | 173 | 0 | 173 | 128 | 6025.85 | 3192 | 753 |
| | Jun 2020 | 350 | 291 | 10 | 66 | 0 | 66 | 137 | 6031.26 | 3398 | 466 |
| | Jul 2020 | 176 | 144 | 14 | 71 | 0 | 71 | 139 | 6032.71 | 3455 | 136 |
| | Aug 2020 | 70 | 83 | 13 | 86 | 0 | 86 | 138 | 6032.31 | 3439 | 107 |
| | Sep 2020 | 50 | 70 | 11 | 95 | 0 | 95 | 137 | 6031.43 | 3404 | 110 |
| | WY 2020 | 1357 | 1346 | 82 | 1270 | 0 | 1270 | | | | 2827 |
| | Oct 2020 | 55 | 75 | 7 | 72 | 0 | 72 | 137 | 6031.32 | 3400 | 100 |
| | Nov 2020 | 50 | 73 | 4 | 100 | 0 | 100 | 136 | 6030.56 | 3371 | 130 |
| | Dec 2020 | 35 | 71 | 2 | 148 | 0 | 148 | 133 | 6028.59 | 3295 | 173 |
| | Jan 2021 | 40 | 78 | 2 | 148 | 0 | 148 | 130 | 6026.76 | 3226 | 173 |
| | Feb 2021 | 45 | 78 | 2 | 133 | 0 | 133 | 128 | 6025.28 | 3171 | 161 |
| | Mar 2021 | 102 | 120 | 3 | 98 | 0 | 98 | 128 | 6025.77 | 3189 | 175 |
| | Apr 2021 | 134 | 119 | 5 | 95 | 0 | 95 | 129 | 6026.29 | 3208 | 310 |
| | May 2021 | 245 | 172 | 8 | 110 | 0 | 110 | 131 | 6027.67 | 3260 | 642 |
| | Jun 2021 | 390 | 290 | 10 | 200 | 0 | 200 | 134 | 6029.68 | 3337 | 621 |
| | Jul 2021 | 210 | 176 | 14 | 71 | 0 | 71 | 138 | 6031.94 | 3424 | 171 |
| | Aug 2021 | 89 | 109 | 13 | 86 | 0 | 86 | 138 | 6032.19 | 3434 | 111 |
| | Sep 2021 | 55 | 81 | 11 | 93 | 0 | 93 | 137 | 6031.62 | 3412 | 112 |
| | WY 2021 | 1449 | 1442 | 81 | 1353 | 0 | 1353 | | | | 2877 |
| | Oct 2021 | 59 | 78 | 8 | 74 | 0 | 74 | 137 | 6031.53 | 3408 | 107 |
| | Nov 2021 | 51 | 74 | 4 | 101 | 0 | 101 | 136 | 6030.79 | 3380 | 132 |
| | Dec 2021 | 35 | 71 | 2 | 148 | 0 | 148 | 133 | 6028.82 | 3304 | 173 |
| | Jan 2022 | 40 | 78 | 2 | 148 | 0 | 148 | 130 | 6027.01 | 3235 | 173 |
| | Feb 2022 | 45 | 78 | 2 | 133 | 0 | 133 | 128 | 6025.53 | 3180 | 161 |
| | Mar 2022 | 102 | 120 | 3 | 106 | 0 | 106 | 128 | 6025.80 | 3190 | 183 |
| | Apr 2022 | 134 | 119 | 5 | 103 | 0 | 103 | 129 | 6026.11 | 3201 | 318 |

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2020 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 2019 | 21 | 26 | 9302.64 | 59 |
| H | Jun 2019 | 68 | 38 | 9320.92 | 89 |
| I | Jul 2019 | 47 | 32 | 9328.49 | 103 |
| S | Aug 2019 | 15 | 24 | 9323.77 | 94 |
| T | Sep 2019 | 7 | 20 | 9316.42 | 81 |
| | WY 2019 | 191 | 168 | | |
| O | Oct 2019 | 7 | 11 | 9314.38 | 77 |
| R | Nov 2019 | 5 | 6 | 9313.69 | 76 |
| I | Dec 2019 | 5 | 6 | 9313.35 | 75 |
| C | Jan 2020 | 5 | 6 | 9312.60 | 74 |
| A | Feb 2020 | 4 | 6 | 9311.82 | 73 |
| L | Mar 2020 | 5 | 6 | 9310.93 | 71 |
| * | Apr 2020 | 7 | 6 | 9311.67 | 73 |
| | May 2020 | 27 | 13 | 9319.70 | 86 |
| | Jun 2020 | 28 | 22 | 9322.93 | 92 |
| | Jul 2020 | 11 | 22 | 9317.15 | 82 |
| | Aug 2020 | 7 | 19 | 9309.88 | 70 |
| | Sep 2020 | 5 | 18 | 9301.32 | 57 |
| | WY 2020 | 116 | 140 | | |
| | Oct 2020 | 5 | 7 | 9299.82 | 55 |
| | Nov 2020 | 5 | 5 | 9299.45 | 54 |
| | Dec 2020 | 5 | 5 | 9299.06 | 54 |
| | Jan 2021 | 4 | 5 | 9298.42 | 53 |
| | Feb 2021 | 4 | 5 | 9297.74 | 52 |
| | Mar 2021 | 4 | 5 | 9297.15 | 51 |
| | Apr 2021 | 9 | 10 | 9296.18 | 50 |
| | May 2021 | 28 | 14 | 9306.47 | 64 |
| | Jun 2021 | 42 | 20 | 9319.56 | 86 |
| | Jul 2021 | 20 | 24 | 9317.68 | 83 |
| | Aug 2021 | 10 | 19 | 9312.59 | 74 |
| | Sep 2021 | 7 | 18 | 9306.15 | 64 |
| | WY 2021 | 144 | 137 | | |
| | Oct 2021 | 7 | 12 | 9302.84 | 59 |
| | Nov 2021 | 5 | 5 | 9302.89 | 59 |
| | Dec 2021 | 5 | 5 | 9302.52 | 59 |
| | Jan 2022 | 4 | 5 | 9301.92 | 58 |
| | Feb 2022 | 4 | 5 | 9301.27 | 57 |
| | Mar 2022 | 4 | 5 | 9300.72 | 56 |
| | Apr 2022 | 9 | 10 | 9299.82 | 55 |

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2020 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 2019 | 214 | 218 | 1 | 86 | 18 | 105 | 7471.68 | 447 |
| H | Jun 2019 | 471 | 444 | 1 | 124 | 70 | 194 | 7504.14 | 696 |
| I | Jul 2019 | 282 | 266 | 2 | 87 | 51 | 138 | 7518.61 | 823 |
| S | Aug 2019 | 92 | 100 | 1 | 76 | 62 | 137 | 7514.39 | 784 |
| T | Sep 2019 | 32 | 45 | 1 | 45 | 47 | 93 | 7508.84 | 736 |
| | WY 2019 | 1344 | 1320 | 7 | 601 | 260 | 859 | | |
| O | Oct 2019 | 28 | 32 | 1 | 63 | 3 | 85 | 7502.51 | 682 |
| R | Nov 2019 | 31 | 32 | 0 | 54 | 0 | 72 | 7497.63 | 642 |
| I | Dec 2019 | 30 | 30 | 0 | 70 | 0 | 85 | 7490.79 | 588 |
| C | Jan 2020 | 26 | 28 | 0 | 44 | 0 | 61 | 7486.45 | 554 |
| A | Feb 2020 | 23 | 25 | 0 | 30 | 0 | 41 | 7484.20 | 537 |
| L | Mar 2020 | 34 | 36 | 0 | 38 | 0 | 38 | 7483.85 | 534 |
| * | Apr 2020 | 50 | 49 | 1 | 73 | 0 | 73 | 7480.49 | 510 |
| | May 2020 | 175 | 161 | 1 | 79 | 0 | 79 | 7491.17 | 591 |
| | Jun 2020 | 167 | 161 | 1 | 58 | 0 | 58 | 7503.68 | 692 |
| | Jul 2020 | 58 | 69 | 1 | 81 | 0 | 81 | 7501.99 | 678 |
| | Aug 2020 | 40 | 52 | 1 | 65 | 17 | 82 | 7498.20 | 647 |
| | Sep 2020 | 30 | 43 | 1 | 74 | 0 | 74 | 7494.17 | 614 |
| | WY 2020 | 693 | 717 | 8 | 731 | 20 | 830 | | |
| | Oct 2020 | 33 | 35 | 1 | 70 | 0 | 70 | 7489.63 | 578 |
| | Nov 2020 | 29 | 29 | 0 | 17 | 0 | 17 | 7491.15 | 590 |
| | Dec 2020 | 26 | 26 | 0 | 27 | 0 | 27 | 7490.97 | 589 |
| | Jan 2021 | 24 | 25 | 0 | 30 | 0 | 30 | 7490.34 | 584 |
| | Feb 2021 | 22 | 23 | 0 | 27 | 0 | 27 | 7489.85 | 580 |
| | Mar 2021 | 36 | 37 | 0 | 0 | 29 | 29 | 7490.80 | 588 |
| | Apr 2021 | 77 | 78 | 1 | 0 | 48 | 48 | 7494.55 | 617 |
| | May 2021 | 221 | 207 | 1 | 6 | 44 | 51 | 7512.99 | 772 |
| | Jun 2021 | 261 | 239 | 1 | 207 | 8 | 215 | 7515.53 | 795 |
| | Jul 2021 | 117 | 120 | 2 | 122 | 0 | 122 | 7515.11 | 791 |
| | Aug 2021 | 63 | 72 | 1 | 108 | 0 | 108 | 7510.89 | 754 |
| | Sep 2021 | 38 | 48 | 1 | 86 | 0 | 86 | 7506.33 | 714 |
| | WY 2021 | 948 | 941 | 9 | 702 | 129 | 832 | | |
| | Oct 2021 | 38 | 43 | 1 | 80 | 0 | 80 | 7501.85 | 677 |
| | Nov 2021 | 31 | 31 | 0 | 53 | 0 | 53 | 7499.16 | 654 |
| | Dec 2021 | 26 | 26 | 0 | 92 | 0 | 92 | 7490.96 | 589 |
| | Jan 2022 | 24 | 25 | 0 | 57 | 0 | 57 | 7486.83 | 557 |
| | Feb 2022 | 22 | 23 | 0 | 38 | 0 | 38 | 7484.86 | 542 |
| | Mar 2022 | 36 | 37 | 0 | 43 | 0 | 43 | 7483.96 | 535 |
| | Apr 2022 | 77 | 78 | 1 | 67 | 0 | 67 | 7485.31 | 545 |

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2020 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 2019 | 240 | 105 | 25 | 130 | 127 | 0 | 131 | 7154.68 | 113 |
| H | Jun 2019 | 512 | 194 | 41 | 235 | 186 | 0 | 234 | 7155.10 | 113 |
| I | Jul 2019 | 295 | 138 | 13 | 150 | 151 | 0 | 151 | 7154.18 | 112 |
| S | Aug 2019 | 93 | 137 | 2 | 139 | 137 | 0 | 139 | 7153.99 | 112 |
| T | Sep 2019 | 32 | 93 | 1 | 93 | 60 | 0 | 96 | 7151.09 | 110 |
| | WY 2019 | 1446 | 859 | 102 | 961 | 858 | 0 | 949 | | |
| O | Oct 2019 | 29 | 85 | 1 | 86 | 78 | 0 | 89 | 7147.86 | 107 |
| R | Nov 2019 | 31 | 72 | 1 | 72 | 71 | 0 | 71 | 7148.85 | 108 |
| I | Dec 2019 | 30 | 85 | 1 | 85 | 85 | 0 | 85 | 7149.10 | 108 |
| C | Jan 2020 | 27 | 61 | 1 | 61 | 63 | 0 | 63 | 7147.47 | 107 |
| A | Feb 2020 | 23 | 41 | 0 | 41 | 41 | 0 | 41 | 7147.88 | 107 |
| L | Mar 2020 | 36 | 38 | 2 | 40 | 42 | 0 | 42 | 7145.65 | 106 |
| * | Apr 2020 | 54 | 73 | 4 | 77 | 76 | 0 | 76 | 7147.10 | 107 |
| | May 2020 | 195 | 79 | 20 | 99 | 99 | 0 | 99 | 7147.94 | 107 |
| | Jun 2020 | 175 | 58 | 8 | 66 | 66 | 0 | 66 | 7147.94 | 107 |
| | Jul 2020 | 61 | 81 | 3 | 84 | 84 | 0 | 84 | 7147.94 | 107 |
| | Aug 2020 | 42 | 82 | 2 | 84 | 84 | 0 | 84 | 7147.94 | 107 |
| | Sep 2020 | 32 | 74 | 2 | 76 | 76 | 0 | 76 | 7147.94 | 107 |
| | WY 2020 | 736 | 830 | 43 | 873 | 864 | 0 | 876 | | |
| | Oct 2020 | 35 | 70 | 2 | 72 | 72 | 0 | 72 | 7147.94 | 107 |
| | Nov 2020 | 31 | 17 | 2 | 19 | 19 | 0 | 19 | 7147.94 | 107 |
| | Dec 2020 | 28 | 27 | 2 | 29 | 29 | 0 | 29 | 7147.94 | 107 |
| | Jan 2021 | 27 | 30 | 2 | 32 | 32 | 0 | 32 | 7147.94 | 107 |
| | Feb 2021 | 25 | 27 | 3 | 29 | 29 | 0 | 29 | 7147.94 | 107 |
| | Mar 2021 | 40 | 29 | 4 | 33 | 33 | 0 | 33 | 7147.94 | 107 |
| | Apr 2021 | 88 | 48 | 11 | 59 | 59 | 0 | 59 | 7147.94 | 107 |
| | May 2021 | 247 | 51 | 26 | 77 | 77 | 0 | 77 | 7147.94 | 107 |
| | Jun 2021 | 281 | 215 | 20 | 235 | 235 | 0 | 235 | 7147.94 | 107 |
| | Jul 2021 | 123 | 122 | 6 | 129 | 129 | 0 | 129 | 7147.94 | 107 |
| | Aug 2021 | 67 | 108 | 3 | 112 | 112 | 0 | 112 | 7147.94 | 107 |
| | Sep 2021 | 41 | 86 | 3 | 89 | 89 | 0 | 89 | 7147.94 | 107 |
| | WY 2021 | 1032 | 832 | 84 | 916 | 916 | 0 | 916 | | |
| | Oct 2021 | 41 | 80 | 3 | 83 | 83 | 0 | 83 | 7147.94 | 107 |
| | Nov 2021 | 33 | 53 | 2 | 55 | 55 | 0 | 55 | 7147.94 | 107 |
| | Dec 2021 | 28 | 92 | 2 | 94 | 94 | 0 | 94 | 7147.94 | 107 |
| | Jan 2022 | 27 | 57 | 2 | 59 | 59 | 0 | 59 | 7147.94 | 107 |
| | Feb 2022 | 25 | 38 | 3 | 40 | 40 | 0 | 40 | 7147.94 | 107 |
| | Mar 2022 | 40 | 43 | 4 | 47 | 47 | 0 | 47 | 7147.94 | 107 |
| | Apr 2022 | 88 | 67 | 11 | 79 | 79 | 0 | 79 | 7147.94 | 107 |

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2020 24-Month Study

Most 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 2019 | 264 | 131 | 24 | 155 | 108 | 31 | 153 | 6759.30 | 19 | 47 | 105 |
| H | Jun 2019 | 558 | 234 | 46 | 280 | 115 | 73 | 282 | 6753.12 | 17 | 51 | 231 |
| I | Jul 2019 | 321 | 151 | 26 | 177 | 121 | 57 | 178 | 6746.79 | 15 | 59 | 124 |
| S | Aug 2019 | 98 | 139 | 5 | 144 | 119 | 28 | 147 | 6733.35 | 12 | 64 | 87 |
| T | Sep 2019 | 36 | 96 | 4 | 99 | 94 | 0 | 95 | 6750.61 | 16 | 61 | 33 |
| | WY 2019 | 1587 | 949 | 142 | 1091 | 768 | 210 | 1087 | | | 344 | 747 |
| O | Oct 2019 | 33 | 89 | 3 | 92 | 92 | 0 | 92 | 6749.75 | 16 | 64 | 29 |
| R | Nov 2019 | 35 | 71 | 4 | 75 | 76 | 0 | 76 | 6746.90 | 15 | 2 | 72 |
| I | Dec 2019 | 34 | 85 | 4 | 89 | 89 | 0 | 89 | 6746.40 | 15 | 0 | 86 |
| C | Jan 2020 | 31 | 63 | 4 | 67 | 58 | 9 | 67 | 6745.61 | 15 | 1 | 64 |
| A | Feb 2020 | 26 | 41 | 3 | 44 | 24 | 19 | 43 | 6748.71 | 16 | 1 | 43 |
| L | Mar 2020 | 42 | 42 | 6 | 47 | 45 | 1 | 46 | 6754.38 | 17 | 11 | 33 |
| * | Apr 2020 | 59 | 76 | 5 | 81 | 81 | 0 | 81 | 6754.37 | 17 | 55 | 26 |
| | May 2020 | 215 | 99 | 20 | 119 | 120 | 0 | 120 | 6749.63 | 16 | 62 | 58 |
| | Jun 2020 | 195 | 66 | 20 | 86 | 86 | 0 | 86 | 6749.63 | 16 | 61 | 25 |
| | Jul 2020 | 66 | 84 | 5 | 89 | 89 | 0 | 89 | 6749.63 | 16 | 65 | 24 |
| | Aug 2020 | 47 | 84 | 5 | 89 | 89 | 0 | 89 | 6749.63 | 16 | 65 | 24 |
| | Sep 2020 | 36 | 76 | 4 | 80 | 80 | 0 | 80 | 6749.63 | 16 | 55 | 25 |
| | WY 2020 | 819 | 876 | 83 | 959 | 929 | 30 | 959 | | | 440 | 510 |
| | Oct 2020 | 40 | 72 | 5 | 77 | 77 | 0 | 77 | 6749.63 | 16 | 30 | 47 |
| | Nov 2020 | 35 | 19 | 4 | 24 | 24 | 0 | 24 | 6749.63 | 16 | 0 | 24 |
| | Dec 2020 | 32 | 29 | 5 | 34 | 34 | 0 | 34 | 6749.63 | 16 | 0 | 34 |
| | Jan 2021 | 31 | 32 | 5 | 37 | 37 | 0 | 37 | 6749.63 | 16 | 0 | 37 |
| | Feb 2021 | 29 | 29 | 4 | 33 | 33 | 0 | 33 | 6749.63 | 16 | 0 | 33 |
| | Mar 2021 | 46 | 33 | 6 | 39 | 39 | 0 | 39 | 6749.63 | 16 | 5 | 34 |
| | Apr 2021 | 101 | 59 | 12 | 72 | 72 | 0 | 72 | 6749.63 | 16 | 42 | 30 |
| | May 2021 | 281 | 77 | 34 | 111 | 111 | 0 | 111 | 6749.63 | 16 | 62 | 49 |
| | Jun 2021 | 315 | 235 | 34 | 269 | 132 | 137 | 269 | 6749.63 | 16 | 61 | 208 |
| | Jul 2021 | 138 | 129 | 14 | 143 | 136 | 7 | 143 | 6749.63 | 16 | 65 | 78 |
| | Aug 2021 | 75 | 112 | 8 | 120 | 120 | 0 | 120 | 6749.63 | 16 | 65 | 55 |
| | Sep 2021 | 47 | 89 | 6 | 95 | 52 | 43 | 95 | 6749.63 | 16 | 55 | 40 |
| | WY 2021 | 1170 | 916 | 138 | 1054 | 866 | 188 | 1054 | | | 385 | 669 |
| | Oct 2021 | 47 | 83 | 6 | 89 | 89 | 0 | 89 | 6749.63 | 16 | 30 | 59 |
| | Nov 2021 | 38 | 55 | 5 | 60 | 60 | 0 | 60 | 6749.63 | 16 | 0 | 60 |
| | Dec 2021 | 32 | 94 | 5 | 98 | 98 | 0 | 98 | 6749.63 | 16 | 0 | 98 |
| | Jan 2022 | 31 | 59 | 5 | 64 | 64 | 0 | 64 | 6749.63 | 16 | 0 | 64 |
| | Feb 2022 | 29 | 40 | 4 | 44 | 44 | 0 | 44 | 6749.63 | 16 | 0 | 44 |
| | Mar 2022 | 46 | 47 | 6 | 53 | 53 | 0 | 53 | 6749.63 | 16 | 5 | 48 |
| | Apr 2022 | 101 | 79 | 12 | 91 | 91 | 0 | 91 | 6749.63 | 16 | 42 | 49 |

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2020 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 2019 | 58 | 41 | 7640.08 | 64 |
| H Jun 2019 | 160 | 101 | 7664.36 | 124 |
| I Jul 2019 | 69 | 68 | 7664.45 | 124 |
| S Aug 2019 | 20 | 38 | 7657.21 | 105 |
| T Sep 2019 | 8 | 33 | 7646.82 | 79 |
| WY 2019 | 378 | 316 | | |
| O Oct 2019 | 4 | 13 | 7643.13 | 71 |
| R Nov 2019 | 4 | 2 | 7644.14 | 73 |
| I Dec 2019 | 4 | 2 | 7645.07 | 75 |
| C Jan 2020 | 5 | 2 | 7646.26 | 78 |
| A Feb 2020 | 4 | 2 | 7647.01 | 80 |
| L Mar 2020 | 6 | 2 | 7648.55 | 84 |
| * Apr 2020 | 16 | 4 | 7653.32 | 95 |
| May 2020 | 55 | 38 | 7659.73 | 112 |
| Jun 2020 | 40 | 43 | 7658.48 | 108 |
| Jul 2020 | 15 | 41 | 7647.53 | 81 |
| Aug 2020 | 12 | 38 | 7635.49 | 55 |
| Sep 2020 | 11 | 29 | 7625.08 | 37 |
| WY 2020 | 175 | 215 | | |
| Oct 2020 | 12 | 16 | 7621.87 | 32 |
| Nov 2020 | 8 | 2 | 7625.30 | 37 |
| Dec 2020 | 6 | 2 | 7628.01 | 42 |
| Jan 2021 | 5 | 2 | 7630.02 | 45 |
| Feb 2021 | 5 | 2 | 7631.69 | 48 |
| Mar 2021 | 9 | 2 | 7635.17 | 55 |
| Apr 2021 | 23 | 2 | 7645.17 | 76 |
| May 2021 | 71 | 31 | 7661.33 | 116 |
| Jun 2021 | 70 | 65 | 7663.02 | 120 |
| Jul 2021 | 29 | 42 | 7658.02 | 107 |
| Aug 2021 | 20 | 38 | 7650.63 | 89 |
| Sep 2021 | 17 | 30 | 7645.32 | 76 |
| WY 2021 | 276 | 233 | | |
| Oct 2021 | 16 | 17 | 7644.54 | 74 |
| Nov 2021 | 9 | 2 | 7647.24 | 81 |
| Dec 2021 | 6 | 2 | 7649.11 | 85 |
| Jan 2022 | 5 | 2 | 7650.56 | 89 |
| Feb 2022 | 5 | 2 | 7651.78 | 91 |
| Mar 2022 | 9 | 2 | 7654.43 | 98 |
| Apr 2022 | 23 | 2 | 7662.63 | 119 |

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2020 24-Month Study

Most 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 2019 | 270 | 34 | 215 | 3 | 25 | 25 | 6054.45 | 1279 | 139 |
| H | Jun 2019 | 491 | 57 | 376 | 4 | 36 | 114 | 6071.44 | 1501 | 386 |
| I | Jul 2019 | 171 | 26 | 142 | 5 | 47 | 60 | 6073.56 | 1531 | 228 |
| S | Aug 2019 | 40 | 6 | 52 | 4 | 42 | 78 | 6068.40 | 1459 | 104 |
| T | Sep 2019 | 3 | 0 | 29 | 3 | 29 | 67 | 6063.13 | 1388 | 71 |
| WY 2019 | | 1401 | 150 | 1188 | 26 | 211 | 483 | | | 1264 |
| O | Oct 2019 | 5 | 0 | 14 | 2 | 6 | 32 | 6061.08 | 1362 | 46 |
| R | Nov 2019 | 15 | 0 | 13 | 1 | 0 | 25 | 6060.04 | 1348 | 45 |
| I | Dec 2019 | 17 | 0 | 15 | 1 | 1 | 36 | 6058.25 | 1326 | 62 |
| C | Jan 2020 | 16 | 0 | 14 | 1 | 1 | 31 | 6056.81 | 1308 | 49 |
| A | Feb 2020 | 17 | 0 | 15 | 1 | 3 | 24 | 6055.76 | 1295 | 38 |
| L | Mar 2020 | 35 | 2 | 30 | 2 | 5 | 26 | 6055.57 | 1292 | 36 |
| * | Apr 2020 | 80 | 11 | 60 | 2 | 25 | 29 | 6055.92 | 1297 | 37 |
| | May 2020 | 195 | 24 | 154 | 4 | 36 | 30 | 6062.60 | 1381 | 140 |
| | Jun 2020 | 78 | 7 | 73 | 4 | 53 | 29 | 6061.60 | 1368 | 119 |
| | Jul 2020 | 12 | 0 | 38 | 4 | 57 | 35 | 6057.00 | 1310 | 68 |
| | Aug 2020 | 16 | 0 | 41 | 3 | 48 | 35 | 6053.33 | 1265 | 56 |
| | Sep 2020 | 23 | 0 | 41 | 3 | 26 | 28 | 6052.09 | 1250 | 48 |
| WY 2020 | | 509 | 44 | 508 | 27 | 260 | 359 | | | 745 |
| | Oct 2020 | 32 | 2 | 35 | 2 | 9 | 22 | 6052.32 | 1253 | 42 |
| | Nov 2020 | 28 | 0 | 23 | 1 | 0 | 21 | 6052.41 | 1254 | 37 |
| | Dec 2020 | 25 | 0 | 21 | 1 | 0 | 22 | 6052.27 | 1252 | 37 |
| | Jan 2021 | 22 | 0 | 18 | 1 | 0 | 22 | 6051.96 | 1249 | 35 |
| | Feb 2021 | 30 | 0 | 27 | 1 | 0 | 19 | 6052.50 | 1255 | 32 |
| | Mar 2021 | 92 | 9 | 77 | 2 | 6 | 22 | 6056.46 | 1303 | 44 |
| | Apr 2021 | 170 | 21 | 128 | 2 | 22 | 26 | 6062.61 | 1381 | 79 |
| | May 2021 | 277 | 37 | 200 | 4 | 37 | 133 | 6064.63 | 1408 | 279 |
| | Jun 2021 | 224 | 29 | 190 | 4 | 53 | 239 | 6056.30 | 1301 | 390 |
| | Jul 2021 | 66 | 5 | 74 | 4 | 57 | 32 | 6054.70 | 1282 | 99 |
| | Aug 2021 | 45 | 2 | 61 | 3 | 48 | 31 | 6052.95 | 1261 | 69 |
| | Sep 2021 | 43 | 2 | 54 | 3 | 26 | 30 | 6052.55 | 1256 | 62 |
| WY 2021 | | 1056 | 106 | 907 | 27 | 258 | 617 | | | 1206 |
| | Oct 2021 | 47 | 2 | 46 | 2 | 9 | 31 | 6052.96 | 1261 | 59 |
| | Nov 2021 | 34 | 0 | 27 | 1 | 0 | 30 | 6052.66 | 1257 | 48 |
| | Dec 2021 | 25 | 0 | 21 | 1 | 0 | 31 | 6051.76 | 1246 | 46 |
| | Jan 2022 | 22 | 0 | 18 | 1 | 0 | 31 | 6050.67 | 1233 | 44 |
| | Feb 2022 | 30 | 0 | 27 | 1 | 0 | 28 | 6050.52 | 1232 | 40 |
| | Mar 2022 | 92 | 9 | 77 | 2 | 6 | 31 | 6053.78 | 1271 | 53 |
| | Apr 2022 | 170 | 21 | 128 | 2 | 22 | 30 | 6059.77 | 1345 | 82 |

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2020 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 2019 | 2511 | 1980 | 23 | 720 | 0 | 720 | 3584.65 | 4881 | 10343 | 752 |
| H | Jun 2019 | 4206 | 3583 | 41 | 765 | 0 | 765 | 3611.82 | 5087 | 12914 | 807 |
| I | Jul 2019 | 2451 | 2015 | 57 | 857 | 0 | 857 | 3621.60 | 5168 | 13933 | 896 |
| S | Aug 2019 | 472 | 608 | 58 | 900 | 0 | 900 | 3618.55 | 5143 | 13610 | 932 |
| T | Sep 2019 | 143 | 379 | 52 | 687 | 0 | 687 | 3615.36 | 5116 | 13277 | 703 |
| | WY 2019 | 12951 | 11787 | 356 | 8924 | 77 | 9001 | | | | 9242 |
| O | Oct 2019 | 265 | 397 | 35 | 625 | 0 | 625 | 3612.99 | 5096 | 13034 | 633 |
| R | Nov 2019 | 404 | 466 | 34 | 626 | 0 | 626 | 3611.23 | 5082 | 12855 | 630 |
| I | Dec 2019 | 353 | 506 | 27 | 750 | 0 | 750 | 3608.74 | 5062 | 12604 | 756 |
| C | Jan 2020 | 277 | 419 | 8 | 760 | 0 | 760 | 3605.48 | 5036 | 12281 | 768 |
| A | Feb 2020 | 288 | 393 | 9 | 675 | 0 | 675 | 3602.72 | 5015 | 12011 | 687 |
| L | Mar 2020 | 475 | 505 | 15 | 700 | 0 | 700 | 3600.71 | 4999 | 11818 | 719 |
| * | Apr 2020 | 475 | 510 | 23 | 630 | 0 | 630 | 3599.32 | 4989 | 11685 | 652 |
| | May 2020 | 1850 | 1584 | 28 | 630 | 0 | 630 | 3608.13 | 5057 | 12543 | 646 |
| | Jun 2020 | 1800 | 1419 | 45 | 650 | 0 | 650 | 3614.74 | 5111 | 13213 | 667 |
| | Jul 2020 | 525 | 524 | 55 | 750 | 0 | 750 | 3612.19 | 5090 | 12952 | 774 |
| | Aug 2020 | 350 | 475 | 54 | 835 | 0 | 835 | 3608.40 | 5059 | 12569 | 855 |
| | Sep 2020 | 340 | 460 | 49 | 599 | 0 | 599 | 3606.65 | 5045 | 12396 | 612 |
| | WY 2020 | 7402 | 7659 | 381 | 8230 | 0 | 8230 | | | | 8399 |
| | Oct 2020 | 455 | 509 | 34 | 640 | 0 | 640 | 3605.10 | 5033 | 12244 | 649 |
| | Nov 2020 | 447 | 479 | 32 | 640 | 0 | 640 | 3603.27 | 5019 | 12065 | 642 |
| | Dec 2020 | 363 | 473 | 25 | 720 | 0 | 720 | 3600.66 | 4999 | 11813 | 725 |
| | Jan 2021 | 361 | 474 | 8 | 860 | 0 | 860 | 3596.81 | 4970 | 11448 | 871 |
| | Feb 2021 | 393 | 476 | 8 | 750 | 0 | 750 | 3594.00 | 4949 | 11187 | 760 |
| | Mar 2021 | 665 | 597 | 14 | 800 | 0 | 800 | 3591.82 | 4933 | 10986 | 814 |
| | Apr 2021 | 1056 | 886 | 22 | 710 | 0 | 710 | 3593.38 | 4944 | 11129 | 726 |
| | May 2021 | 2343 | 1967 | 27 | 710 | 0 | 710 | 3605.35 | 5035 | 12268 | 726 |
| | Jun 2021 | 2666 | 2528 | 46 | 750 | 0 | 750 | 3621.02 | 5163 | 13872 | 767 |
| | Jul 2021 | 1091 | 985 | 58 | 850 | 0 | 850 | 3621.69 | 5169 | 13943 | 874 |
| | Aug 2021 | 500 | 578 | 57 | 900 | 0 | 900 | 3618.38 | 5141 | 13592 | 920 |
| | Sep 2021 | 408 | 509 | 52 | 670 | 0 | 670 | 3616.48 | 5125 | 13394 | 684 |
| | WY 2021 | 10747 | 10461 | 382 | 9000 | 0 | 9000 | | | | 9158 |
| | Oct 2021 | 512 | 564 | 36 | 640 | 0 | 640 | 3615.49 | 5117 | 13291 | 649 |
| | Nov 2021 | 473 | 541 | 34 | 640 | 0 | 640 | 3614.29 | 5107 | 13167 | 642 |
| | Dec 2021 | 363 | 547 | 27 | 720 | 0 | 720 | 3612.48 | 5092 | 12981 | 725 |
| | Jan 2022 | 361 | 510 | 8 | 860 | 0 | 860 | 3609.19 | 5066 | 12649 | 871 |
| | Feb 2022 | 393 | 495 | 9 | 750 | 0 | 750 | 3606.74 | 5046 | 12405 | 760 |
| | Mar 2022 | 665 | 629 | 15 | 800 | 0 | 800 | 3604.99 | 5032 | 12233 | 814 |
| | Apr 2022 | 1056 | 917 | 24 | 710 | 0 | 710 | 3606.71 | 5046 | 12402 | 726 |

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2020 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 2019 | 720 | 108 | 45 | 989 | 16.1 | 18 | 988 | 686 | 1086.48 | 10555 |
| H | Jun 2019 | 765 | 69 | 54 | 912 | 15.3 | 27 | 911 | 676 | 1084.71 | 10405 |
| I | Jul 2019 | 857 | 20 | 67 | 946 | 15.4 | 33 | 946 | 666 | 1082.82 | 10246 |
| S | Aug 2019 | 900 | 64 | 71 | 802 | 13.0 | 34 | 801 | 669 | 1083.45 | 10299 |
| T | Sep 2019 | 687 | 58 | 59 | 696 | 11.7 | 30 | 690 | 667 | 1083.00 | 10261 |
| | WY 2019 | 9001 | 1087 | 547 | 8892 | | 234 | 8868 | | | |
| O | Oct 2019 | 625 | 34 | 43 | 626 | 10.2 | 25 | 621 | 665 | 1082.61 | 10228 |
| R | Nov 2019 | 626 | 116 | 40 | 575 | 9.7 | 13 | 553 | 672 | 1083.85 | 10333 |
| I | Dec 2019 | 750 | 118 | 37 | 220 | 3.6 | 7 | 214 | 708 | 1090.49 | 10899 |
| C | Jan 2020 | 760 | 75 | 31 | 405 | 6.6 | 9 | 404 | 732 | 1094.68 | 11265 |
| A | Feb 2020 | 675 | 68 | 29 | 557 | 9.7 | 9 | 550 | 741 | 1096.27 | 11405 |
| L | Mar 2020 | 700 | 149 | 33 | 593 | 9.6 | 4 | 568 | 755 | 1098.59 | 11610 |
| * | Apr 2020 | 630 | 84 | 41 | 862 | 14.5 | 19 | 847 | 742 | 1096.39 | 11415 |
| | May 2020 | 630 | 49 | 46 | 1028 | 16.7 | 30 | 1028 | 716 | 1091.83 | 11016 |
| | Jun 2020 | 650 | 28 | 55 | 973 | 16.4 | 30 | 973 | 693 | 1087.70 | 10659 |
| | Jul 2020 | 750 | 73 | 68 | 869 | 14.1 | 31 | 869 | 684 | 1086.11 | 10524 |
| | Aug 2020 | 835 | 91 | 72 | 814 | 13.2 | 31 | 814 | 685 | 1086.20 | 10532 |
| | Sep 2020 | 599 | 75 | 59 | 753 | 12.7 | 27 | 753 | 674 | 1084.36 | 10376 |
| | WY 2020 | 8230 | 958 | 554 | 8274 | | 234 | 8195 | | | |
| | Oct 2020 | 640 | 75 | 43 | 572 | 9.3 | 25 | 572 | 679 | 1085.19 | 10446 |
| | Nov 2020 | 640 | 68 | 43 | 707 | 11.9 | 17 | 707 | 675 | 1084.53 | 10390 |
| | Dec 2020 | 720 | 64 | 37 | 568 | 9.2 | 12 | 568 | 686 | 1086.38 | 10547 |
| | Jan 2021 | 860 | 95 | 31 | 533 | 8.7 | 9 | 533 | 709 | 1090.56 | 10906 |
| | Feb 2021 | 750 | 101 | 29 | 532 | 9.6 | 9 | 532 | 726 | 1093.60 | 11170 |
| | Mar 2021 | 800 | 91 | 32 | 982 | 16.0 | 14 | 982 | 718 | 1092.13 | 11042 |
| | Apr 2021 | 710 | 69 | 40 | 1045 | 17.6 | 21 | 1045 | 698 | 1088.58 | 10735 |
| | May 2021 | 710 | 49 | 45 | 1008 | 16.4 | 29 | 1008 | 678 | 1085.02 | 10431 |
| | Jun 2021 | 750 | 28 | 54 | 962 | 16.2 | 29 | 962 | 662 | 1082.05 | 10181 |
| | Jul 2021 | 850 | 73 | 67 | 842 | 13.7 | 29 | 842 | 661 | 1081.88 | 10167 |
| | Aug 2021 | 900 | 91 | 71 | 800 | 13.0 | 30 | 800 | 666 | 1082.88 | 10251 |
| | Sep 2021 | 670 | 75 | 59 | 728 | 12.2 | 25 | 728 | 662 | 1082.12 | 10188 |
| | WY 2021 | 9000 | 878 | 550 | 9280 | | 249 | 9280 | | | |
| | Oct 2021 | 640 | 75 | 43 | 536 | 8.7 | 24 | 536 | 669 | 1083.38 | 10293 |
| | Nov 2021 | 640 | 68 | 43 | 654 | 11.0 | 16 | 654 | 669 | 1083.33 | 10288 |
| | Dec 2021 | 720 | 64 | 37 | 491 | 8.0 | 11 | 491 | 684 | 1086.04 | 10518 |
| | Jan 2022 | 860 | 95 | 31 | 519 | 8.4 | 9 | 519 | 708 | 1090.38 | 10889 |
| | Feb 2022 | 750 | 101 | 29 | 518 | 9.3 | 9 | 518 | 726 | 1093.56 | 11167 |
| | Mar 2022 | 800 | 91 | 32 | 968 | 15.7 | 14 | 968 | 718 | 1092.23 | 11051 |
| | Apr 2022 | 710 | 69 | 40 | 1031 | 17.3 | 22 | 1031 | 699 | 1088.83 | 10756 |

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2020 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 2019 | 989 | -9 | 22 | 937 | 0 | 937 | 15.2 | 643.32 | 1707 |
| H | Jun 2019 | 912 | -12 | 25 | 886 | 0 | 886 | 14.9 | 642.89 | 1696 |
| I | Jul 2019 | 946 | -11 | 25 | 895 | 0 | 894 | 14.5 | 643.48 | 1712 |
| S | Aug 2019 | 802 | -11 | 23 | 800 | 0 | 800 | 13.0 | 642.31 | 1680 |
| T | Sep 2019 | 696 | -17 | 18 | 767 | 0 | 767 | 12.9 | 638.35 | 1573 |
| | WY 2019 | 8892 | -142 | 198 | 8538 | 0 | 8539 | | | |
| O | Oct 2019 | 626 | -24 | 15 | 589 | 0 | 589 | 9.6 | 638.28 | 1572 |
| R | Nov 2019 | 575 | -4 | 11 | 457 | 0 | 457 | 7.7 | 642.13 | 1675 |
| I | Dec 2019 | 220 | 0 | 9 | 247 | 0 | 247 | 4.0 | 640.77 | 1638 |
| C | Jan 2020 | 405 | 0 | 10 | 380 | 0 | 380 | 6.2 | 641.32 | 1653 |
| A | Feb 2020 | 557 | -3 | 10 | 523 | 0 | 523 | 9.1 | 642.10 | 1674 |
| L | Mar 2020 | 593 | 3 | 13 | 549 | 0 | 549 | 8.9 | 643.32 | 1708 |
| * | Apr 2020 | 862 | 4 | 17 | 861 | 0 | 861 | 14.5 | 642.91 | 1696 |
| | May 2020 | 1028 | -10 | 22 | 993 | 0 | 993 | 16.2 | 643.00 | 1699 |
| | Jun 2020 | 973 | -15 | 25 | 933 | 0 | 933 | 15.7 | 643.00 | 1699 |
| | Jul 2020 | 869 | -12 | 25 | 859 | 0 | 859 | 14.0 | 642.00 | 1671 |
| | Aug 2020 | 814 | -12 | 23 | 779 | 0 | 779 | 12.7 | 642.00 | 1671 |
| | Sep 2020 | 753 | -15 | 18 | 774 | 0 | 774 | 13.0 | 640.01 | 1617 |
| | WY 2020 | 8274 | -87 | 198 | 7945 | 0 | 7945 | | | |
| | Oct 2020 | 572 | -10 | 15 | 730 | 0 | 730 | 11.9 | 633.00 | 1434 |
| | Nov 2020 | 707 | -19 | 10 | 627 | 0 | 627 | 10.5 | 635.00 | 1486 |
| | Dec 2020 | 568 | -12 | 9 | 428 | 0 | 428 | 7.0 | 639.51 | 1604 |
| | Jan 2021 | 533 | -21 | 10 | 440 | 0 | 440 | 7.2 | 641.80 | 1666 |
| | Feb 2021 | 532 | -10 | 10 | 512 | 0 | 512 | 9.2 | 641.80 | 1666 |
| | Mar 2021 | 982 | -12 | 13 | 923 | 0 | 923 | 15.0 | 643.05 | 1700 |
| | Apr 2021 | 1045 | -12 | 17 | 1017 | 0 | 1017 | 17.1 | 643.00 | 1699 |
| | May 2021 | 1008 | -10 | 22 | 976 | 0 | 976 | 15.9 | 643.00 | 1699 |
| | Jun 2021 | 962 | -15 | 25 | 922 | 0 | 922 | 15.5 | 643.00 | 1699 |
| | Jul 2021 | 842 | -12 | 25 | 832 | 0 | 832 | 13.5 | 642.00 | 1671 |
| | Aug 2021 | 800 | -12 | 23 | 766 | 0 | 766 | 12.4 | 642.00 | 1671 |
| | Sep 2021 | 728 | -15 | 18 | 749 | 0 | 749 | 12.6 | 640.01 | 1617 |
| | WY 2021 | 9280 | -159 | 197 | 8923 | 0 | 8923 | | | |
| | Oct 2021 | 536 | -10 | 15 | 694 | 0 | 694 | 11.3 | 633.00 | 1434 |
| | Nov 2021 | 654 | -19 | 10 | 574 | 0 | 574 | 9.6 | 635.00 | 1486 |
| | Dec 2021 | 491 | -12 | 9 | 352 | 0 | 352 | 5.7 | 639.51 | 1604 |
| | Jan 2022 | 519 | -21 | 10 | 427 | 0 | 427 | 6.9 | 641.80 | 1666 |
| | Feb 2022 | 518 | -10 | 10 | 498 | 0 | 498 | 9.0 | 641.80 | 1666 |
| | Mar 2022 | 968 | -12 | 13 | 909 | 0 | 909 | 14.8 | 643.05 | 1700 |
| | Apr 2022 | 1031 | -12 | 17 | 1004 | 0 | 1004 | 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 2020 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 2019 | 937 | 8 | 13 | 693 | 11.3 | 51 | 154 | 448.62 | 592 | 128 | 2.1 |
| H | Jun 2019 | 886 | 11 | 15 | 717 | 12.0 | 53 | 104 | 448.47 | 589 | 138 | 2.3 |
| I | Jul 2019 | 894 | 15 | 17 | 739 | 12.0 | 59 | 92 | 448.12 | 582 | 146 | 2.4 |
| S | Aug 2019 | 800 | 15 | 17 | 636 | 10.3 | 67 | 102 | 447.22 | 565 | 111 | 1.8 |
| T | Sep 2019 | 767 | 26 | 15 | 514 | 8.6 | 61 | 160 | 449.03 | 600 | 103 | 1.7 |
| | WY 2019 | 8539 | 173 | 140 | 6231 | | 690 | 1571 | | | 1515 | |
| O | Oct 2019 | 589 | 18 | 12 | 430 | 7.0 | 30 | 151 | 447.77 | 576 | 68 | 1.1 |
| R | Nov 2019 | 457 | 22 | 9 | 300 | 5.0 | 16 | 125 | 449.10 | 601 | 118 | 2.0 |
| I | Dec 2019 | 247 | 18 | 7 | 159 | 2.6 | 46 | 72 | 448.16 | 583 | 109 | 1.8 |
| C | Jan 2020 | 380 | 1 | 6 | 311 | 5.1 | 17 | 75 | 446.50 | 552 | 106 | 1.7 |
| A | Feb 2020 | 523 | -3 | 8 | 400 | 6.9 | 3 | 75 | 448.15 | 583 | 138 | 2.4 |
| L | Mar 2020 | 549 | 16 | 9 | 455 | 7.4 | 43 | 94 | 446.04 | 543 | 198 | 3.2 |
| * | Apr 2020 | 861 | 29 | 11 | 642 | 10.8 | 55 | 148 | 447.41 | 569 | 171 | 2.9 |
| | May 2020 | 993 | 15 | 13 | 728 | 11.8 | 69 | 175 | 448.00 | 580 | 124 | 2.0 |
| | Jun 2020 | 933 | 11 | 15 | 713 | 12.0 | 96 | 97 | 448.50 | 589 | 139 | 2.3 |
| | Jul 2020 | 859 | 18 | 17 | 706 | 11.5 | 99 | 52 | 448.00 | 580 | 151 | 2.5 |
| | Aug 2020 | 779 | 17 | 17 | 626 | 10.2 | 99 | 52 | 447.50 | 571 | 114 | 1.9 |
| | Sep 2020 | 774 | 17 | 15 | 530 | 8.9 | 96 | 140 | 447.50 | 571 | 110 | 1.9 |
| | WY 2020 | 7945 | 178 | 140 | 6001 | | 669 | 1257 | | | 1545 | |
| | Oct 2020 | 730 | 24 | 12 | 459 | 7.5 | 99 | 178 | 447.50 | 571 | 69 | 1.1 |
| | Nov 2020 | 627 | 16 | 9 | 346 | 5.8 | 91 | 192 | 447.50 | 571 | 88 | 1.5 |
| | Dec 2020 | 428 | 22 | 7 | 216 | 3.5 | 94 | 148 | 446.50 | 552 | 93 | 1.5 |
| | Jan 2021 | 440 | 20 | 6 | 255 | 4.1 | 104 | 91 | 446.50 | 552 | 102 | 1.7 |
| | Feb 2021 | 512 | 10 | 8 | 392 | 7.1 | 31 | 84 | 446.50 | 552 | 127 | 2.3 |
| | Mar 2021 | 923 | 5 | 9 | 637 | 10.4 | 100 | 170 | 446.70 | 555 | 167 | 2.7 |
| | Apr 2021 | 1017 | 8 | 11 | 706 | 11.9 | 97 | 163 | 448.70 | 593 | 152 | 2.6 |
| | May 2021 | 976 | 15 | 13 | 705 | 11.5 | 88 | 172 | 448.70 | 593 | 127 | 2.1 |
| | Jun 2021 | 922 | 11 | 16 | 718 | 12.1 | 86 | 100 | 448.70 | 593 | 141 | 2.4 |
| | Jul 2021 | 832 | 18 | 17 | 693 | 11.3 | 89 | 52 | 448.00 | 580 | 152 | 2.5 |
| | Aug 2021 | 766 | 17 | 17 | 623 | 10.1 | 89 | 52 | 447.50 | 571 | 117 | 1.9 |
| | Sep 2021 | 749 | 17 | 15 | 530 | 8.9 | 70 | 140 | 447.50 | 571 | 113 | 1.9 |
| | WY 2021 | 8923 | 183 | 139 | 6281 | | 1037 | 1542 | | | 1450 | |
| | Oct 2021 | 694 | 24 | 12 | 470 | 7.6 | 57 | 173 | 447.50 | 571 | 73 | 1.2 |
| | Nov 2021 | 574 | 16 | 9 | 355 | 6.0 | 55 | 166 | 447.50 | 571 | 91 | 1.5 |
| | Dec 2021 | 352 | 22 | 7 | 236 | 3.8 | 56 | 88 | 446.50 | 552 | 96 | 1.6 |
| | Jan 2022 | 427 | 20 | 6 | 255 | 4.1 | 90 | 91 | 446.50 | 552 | 102 | 1.7 |
| | Feb 2022 | 498 | 10 | 8 | 393 | 7.1 | 17 | 84 | 446.50 | 552 | 127 | 2.3 |
| | Mar 2022 | 909 | 5 | 9 | 637 | 10.4 | 85 | 170 | 446.70 | 555 | 167 | 2.7 |
| | Apr 2022 | 1004 | 8 | 11 | 706 | 11.9 | 83 | 163 | 448.70 | 593 | 152 | 2.6 |

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2020 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 2019 | 989 | 16.1 | 1086.48 | 10555 | -211 | 440.79 | 803.9 | 398.2 | 51 | 402.5 |
| H | Jun 2019 | 912 | 15.3 | 1084.71 | 10405 | -150 | 439.38 | 1591.0 | 359.0 | 100 | 393.7 |
| I | Jul 2019 | 946 | 15.4 | 1082.82 | 10246 | -159 | 435.56 | 1486.0 | 371.7 | 93 | 392.7 |
| S | Aug 2019 | 802 | 13.0 | 1083.45 | 10299 | 53 | 439.02 | 1297.0 | 313.5 | 81 | 390.9 |
| T | Sep 2019 | 696 | 11.7 | 1083.00 | 10261 | -38 | 439.88 | 1494.1 | 267.4 | 93 | 384.4 |
| WY 2019 | | 8877 | | | | | | | 3494.1 | | |
| O | Oct 2019 | 626 | 10.2 | 1082.61 | 10228 | -33 | 439.17 | 1198.0 | 241.9 | 74 | 386.2 |
| R | Nov 2019 | 575 | 9.7 | 1083.85 | 10333 | 104 | 438.74 | 1192.0 | 221.9 | 75 | 386.0 |
| I | Dec 2019 | 220 | 3.6 | 1090.49 | 10899 | 567 | 448.42 | 838.0 | 81.6 | 52 | 371.4 |
| C | Jan 2020 | 405 | 6.6 | 1094.68 | 11265 | 366 | 451.06 | 1152.1 | 160.0 | 70 | 395.1 |
| A | Feb 2020 | 557 | 9.7 | 1096.27 | 11405 | 140 | 452.31 | 962.0 | 224.2 | 57 | 402.6 |
| L | Mar 2020 | 593 | 9.6 | 1098.59 | 11610 | 205 | 450.96 | 1136.0 | 237.0 | 69 | 399.6 |
| * | Apr 2020 | 862 | 14.5 | 1096.39 | 11415 | -194 | 447.37 | 1138.0 | 351.1 | 69 | 407.4 |
| | May 2020 | 1028 | 16.7 | 1091.83 | 11016 | -399 | 442.22 | 1385.0 | 411.6 | 85 | 400.4 |
| | Jun 2020 | 973 | 16.4 | 1087.70 | 10659 | -356 | 436.86 | 1511.0 | 381.4 | 94 | 392.0 |
| | Jul 2020 | 869 | 14.1 | 1086.11 | 10524 | -136 | 434.35 | 1502.1 | 345.8 | 94 | 398.0 |
| | Aug 2020 | 814 | 13.2 | 1086.20 | 10532 | 8 | 433.28 | 1600.0 | 320.2 | 100 | 393.7 |
| | Sep 2020 | 753 | 12.7 | 1084.36 | 10376 | -156 | 433.06 | 1600.0 | 295.1 | 100 | 391.6 |
| WY 2020 | | 8274 | | | | | | | 3271.8 | | |
| | Oct 2020 | 572 | 9.3 | 1085.19 | 10446 | 70 | 437.60 | 1190.1 | 223.3 | 74 | 390.5 |
| | Nov 2020 | 707 | 11.9 | 1084.53 | 10390 | -56 | 438.62 | 1381.9 | 279.6 | 87 | 395.2 |
| | Dec 2020 | 568 | 9.2 | 1086.38 | 10547 | 156 | 437.09 | 1389.0 | 220.4 | 87 | 388.0 |
| | Jan 2021 | 533 | 8.7 | 1090.56 | 10906 | 359 | 438.55 | 1314.1 | 206.0 | 80 | 386.6 |
| | Feb 2021 | 532 | 9.6 | 1093.60 | 11170 | 265 | 442.79 | 1108.0 | 211.4 | 68 | 397.3 |
| | Mar 2021 | 982 | 16.0 | 1092.13 | 11042 | -129 | 442.56 | 1197.9 | 400.5 | 73 | 407.9 |
| | Apr 2021 | 1045 | 17.6 | 1088.58 | 10735 | -307 | 439.65 | 1180.0 | 423.1 | 73 | 404.9 |
| | May 2021 | 1008 | 16.4 | 1085.02 | 10431 | -304 | 434.59 | 1395.0 | 394.9 | 88 | 391.7 |
| | Jun 2021 | 962 | 16.2 | 1082.05 | 10181 | -250 | 430.03 | 1576.0 | 369.6 | 100 | 384.1 |
| | Jul 2021 | 842 | 13.7 | 1081.88 | 10167 | -14 | 428.79 | 1576.0 | 329.3 | 100 | 391.1 |
| | Aug 2021 | 800 | 13.0 | 1082.88 | 10251 | 84 | 429.53 | 1576.0 | 311.9 | 100 | 389.8 |
| | Sep 2021 | 728 | 12.2 | 1082.12 | 10188 | -63 | 430.30 | 1576.0 | 282.3 | 100 | 387.8 |
| WY 2021 | | 9280 | | | | | | | 3652.4 | | |
| | Oct 2021 | 536 | 8.7 | 1083.38 | 10293 | 105 | 435.58 | 1179.4 | 206.6 | 74 | 385.5 |
| | Nov 2021 | 654 | 11.0 | 1083.33 | 10288 | -4 | 437.12 | 1377.0 | 255.1 | 87 | 390.1 |
| | Dec 2021 | 491 | 8.0 | 1086.04 | 10518 | 230 | 436.33 | 1389.5 | 193.3 | 87 | 393.3 |
| | Jan 2022 | 519 | 8.4 | 1090.38 | 10889 | 371 | 438.29 | 1307.7 | 206.4 | 80 | 397.5 |
| | Feb 2022 | 518 | 9.3 | 1093.56 | 11167 | 277 | 442.67 | 1110.7 | 205.2 | 68 | 395.9 |
| | Mar 2022 | 968 | 15.7 | 1092.23 | 11051 | -116 | 442.59 | 1195.5 | 394.2 | 73 | 407.2 |
| | Apr 2022 | 1031 | 17.3 | 1088.83 | 10756 | -294 | 439.83 | 1184.7 | 416.9 | 73 | 404.3 |

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2020 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 2019 | 937 | 15.2 | 643.32 | 1707 | 22 | 139.79 | 238.6 | 119.5 | 94 | 127.6 |
| H | Jun 2019 | 886 | 14.9 | 642.89 | 1696 | -12 | 140.50 | 255.0 | 113.6 | 100 | 128.3 |
| I | Jul 2019 | 895 | 14.5 | 643.48 | 1712 | 16 | 142.50 | 255.0 | 113.2 | 100 | 126.5 |
| S | Aug 2019 | 800 | 13.0 | 642.31 | 1680 | -32 | 139.60 | 255.0 | 101.8 | 100 | 127.3 |
| T | Sep 2019 | 767 | 12.9 | 638.35 | 1573 | -107 | 137.20 | 255.0 | 96.0 | 100 | 125.1 |
| WY 2019 | | 8538 | | | | | | | 1079.9 | | |
| O | Oct 2019 | 589 | 9.6 | 638.28 | 1572 | -2 | 138.85 | 243.5 | 73.2 | 95 | 124.4 |
| R | Nov 2019 | 457 | 7.7 | 642.13 | 1675 | 103 | 143.18 | 153.0 | 55.6 | 60 | 121.7 |
| I | Dec 2019 | 247 | 4.0 | 640.77 | 1638 | -37 | 141.96 | 156.3 | 30.5 | 61 | 123.7 |
| C | Jan 2020 | 380 | 6.2 | 641.32 | 1653 | 15 | 141.95 | 156.3 | 49.9 | 61 | 131.3 |
| A | Feb 2020 | 523 | 9.1 | 642.10 | 1674 | 21 | 139.59 | 156.5 | 68.9 | 61 | 131.6 |
| L | Mar 2020 | 549 | 8.9 | 643.32 | 1708 | 33 | 142.51 | 164.5 | 67.4 | 65 | 122.6 |
| * | Apr 2020 | 861 | 14.5 | 642.91 | 1696 | -11 | 137.62 | 253.3 | 109.7 | 99 | 127.4 |
| | May 2020 | 993 | 16.2 | 643.00 | 1699 | 2 | 138.81 | 255.0 | 124.2 | 100 | 125.1 |
| | Jun 2020 | 933 | 15.7 | 643.00 | 1699 | 0 | 139.02 | 255.0 | 116.8 | 100 | 125.2 |
| | Jul 2020 | 859 | 14.0 | 642.00 | 1671 | -27 | 139.11 | 255.0 | 107.7 | 100 | 125.3 |
| | Aug 2020 | 779 | 12.7 | 642.00 | 1671 | 0 | 139.09 | 255.0 | 97.6 | 100 | 125.3 |
| | Sep 2020 | 774 | 13.0 | 640.01 | 1617 | -54 | 137.97 | 255.0 | 96.3 | 100 | 124.3 |
| WY 2020 | | 7945 | | | | | | | 997.8 | | |
| | Oct 2020 | 730 | 11.9 | 633.00 | 1434 | -183 | 133.90 | 227.0 | 88.0 | 89 | 120.6 |
| | Nov 2020 | 627 | 10.5 | 635.00 | 1486 | 51 | 131.92 | 159.8 | 74.5 | 63 | 118.9 |
| | Dec 2020 | 428 | 7.0 | 639.51 | 1604 | 118 | 136.72 | 154.7 | 52.8 | 61 | 123.2 |
| | Jan 2021 | 440 | 7.2 | 641.80 | 1666 | 62 | 140.03 | 156.3 | 55.6 | 61 | 126.2 |
| | Feb 2021 | 512 | 9.2 | 641.80 | 1666 | 0 | 140.27 | 156.6 | 64.7 | 61 | 126.4 |
| | Mar 2021 | 923 | 15.0 | 643.05 | 1700 | 34 | 138.67 | 194.1 | 115.3 | 76 | 124.9 |
| | Apr 2021 | 1017 | 17.1 | 643.00 | 1699 | -1 | 138.57 | 249.9 | 127.0 | 98 | 124.8 |
| | May 2021 | 976 | 15.9 | 643.00 | 1699 | 0 | 138.95 | 255.0 | 122.2 | 100 | 125.2 |
| | Jun 2021 | 922 | 15.5 | 643.00 | 1699 | 0 | 139.08 | 255.0 | 115.5 | 100 | 125.3 |
| | Jul 2021 | 832 | 13.5 | 642.00 | 1671 | -27 | 139.28 | 255.0 | 104.4 | 100 | 125.5 |
| | Aug 2021 | 766 | 12.4 | 642.00 | 1671 | 0 | 139.18 | 255.0 | 96.0 | 100 | 125.4 |
| | Sep 2021 | 749 | 12.6 | 640.01 | 1617 | -54 | 138.13 | 255.0 | 93.2 | 100 | 124.4 |
| WY 2021 | | 8923 | | | | | | | 1109.3 | | |
| | Oct 2021 | 694 | 11.3 | 633.00 | 1434 | -183 | 134.13 | 227.0 | 83.9 | 89 | 120.8 |
| | Nov 2021 | 574 | 9.6 | 635.00 | 1486 | 51 | 132.29 | 159.8 | 68.4 | 63 | 119.2 |
| | Dec 2021 | 352 | 5.7 | 639.51 | 1604 | 118 | 137.30 | 154.7 | 43.5 | 61 | 123.7 |
| | Jan 2022 | 427 | 6.9 | 641.80 | 1666 | 62 | 140.13 | 156.3 | 53.9 | 61 | 126.2 |
| | Feb 2022 | 498 | 9.0 | 641.80 | 1666 | 0 | 140.38 | 156.6 | 63.0 | 61 | 126.5 |
| | Mar 2022 | 909 | 14.8 | 643.05 | 1700 | 34 | 138.75 | 194.1 | 113.7 | 76 | 125.0 |
| | Apr 2022 | 1004 | 16.9 | 643.00 | 1699 | -1 | 138.65 | 249.9 | 125.4 | 98 | 124.9 |

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2020 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 2019 | 673 | 11.3 | 448.62 | 592 | 25 | 80.51 | 119.0 | 48.6 | 99 | 72.2 |
| H | Jun 2019 | 717 | 12.0 | 448.47 | 589 | -3 | 80.43 | 120.0 | 50.3 | 100 | 70.2 |
| I | Jul 2019 | 739 | 12.0 | 448.12 | 582 | -7 | 80.11 | 120.0 | 51.4 | 100 | 69.5 |
| S | Aug 2019 | 636 | 10.3 | 447.22 | 565 | -17 | 77.13 | 120.0 | 44.3 | 100 | 69.7 |
| T | Sep 2019 | 514 | 8.6 | 449.03 | 600 | 34 | 83.07 | 120.0 | 35.9 | 100 | 69.8 |
| WY 2019 | | 6211 | | | | | | | 433.7 | | |
| O | Oct 2019 | 430 | 7.0 | 447.77 | 576 | -24 | 83.21 | 90.0 | 30.2 | 75 | 70.1 |
| R | Nov 2019 | 300 | 5.0 | 449.10 | 601 | 25 | 84.29 | 92.0 | 20.2 | 77 | 67.2 |
| I | Dec 2019 | 159 | 2.6 | 448.16 | 583 | -18 | 81.68 | 100.6 | 9.4 | 84 | 59.3 |
| C | Jan 2020 | 311 | 5.1 | 446.50 | 552 | -31 | 80.47 | 97.7 | 22.0 | 81 | 70.7 |
| A | Feb 2020 | 400 | 6.9 | 448.15 | 583 | 31 | 82.44 | 97.2 | 28.0 | 81 | 70.0 |
| L | Mar 2020 | 455 | 7.4 | 446.04 | 543 | -39 | 78.08 | 120.0 | 30.0 | 100 | 65.9 |
| * | Apr 2020 | 642 | 10.8 | 447.41 | 569 | 25 | 81.56 | 120.0 | 44.4 | 100 | 69.2 |
| | May 2020 | 728 | 11.8 | 448.00 | 580 | 11 | 75.08 | 120.0 | 47.9 | 100 | 65.8 |
| | Jun 2020 | 713 | 12.0 | 448.50 | 589 | 9 | 75.61 | 120.0 | 47.2 | 100 | 66.2 |
| | Jul 2020 | 706 | 11.5 | 448.00 | 580 | -9 | 75.61 | 120.0 | 46.7 | 100 | 66.2 |
| | Aug 2020 | 626 | 10.2 | 447.50 | 571 | -10 | 75.13 | 120.0 | 41.1 | 100 | 65.6 |
| | Sep 2020 | 530 | 8.9 | 447.50 | 571 | 0 | 74.89 | 120.0 | 34.5 | 100 | 65.1 |
| WY 2020 | | 6001 | | | | | | | 401.5 | | |
| | Oct 2020 | 459 | 7.5 | 447.50 | 571 | 0 | 76.29 | 90.0 | 30.2 | 75 | 65.9 |
| | Nov 2020 | 346 | 5.8 | 447.50 | 571 | 0 | 76.19 | 92.0 | 22.5 | 77 | 64.9 |
| | Dec 2020 | 216 | 3.5 | 446.50 | 552 | -19 | 74.86 | 109.4 | 13.3 | 91 | 61.4 |
| | Jan 2021 | 255 | 4.1 | 446.50 | 552 | 0 | 75.07 | 94.8 | 16.0 | 79 | 62.6 |
| | Feb 2021 | 392 | 7.1 | 446.50 | 552 | 0 | 75.21 | 92.1 | 25.5 | 77 | 64.9 |
| | Mar 2021 | 637 | 10.4 | 446.70 | 555 | 4 | 74.01 | 120.0 | 41.2 | 100 | 64.7 |
| | Apr 2021 | 706 | 11.9 | 448.70 | 593 | 38 | 75.08 | 120.0 | 46.5 | 100 | 65.8 |
| | May 2021 | 705 | 11.5 | 448.70 | 593 | 0 | 76.05 | 120.0 | 46.9 | 100 | 66.5 |
| | Jun 2021 | 718 | 12.1 | 448.70 | 593 | 0 | 76.05 | 120.0 | 47.8 | 100 | 66.6 |
| | Jul 2021 | 693 | 11.3 | 448.00 | 580 | -13 | 75.71 | 120.0 | 45.9 | 100 | 66.2 |
| | Aug 2021 | 623 | 10.1 | 447.50 | 571 | -9 | 75.13 | 120.0 | 40.9 | 100 | 65.5 |
| | Sep 2021 | 530 | 8.9 | 447.50 | 571 | 0 | 74.89 | 120.0 | 34.5 | 100 | 65.1 |
| WY 2021 | | 6281 | | | | | | | 411.1 | | |
| | Oct 2021 | 470 | 7.6 | 447.50 | 571 | 0 | 76.14 | 92.9 | 30.9 | 77 | 65.8 |
| | Nov 2021 | 355 | 6.0 | 447.50 | 571 | 0 | 76.19 | 92.0 | 23.1 | 77 | 65.0 |
| | Dec 2021 | 236 | 3.8 | 446.50 | 552 | -19 | 74.82 | 110.3 | 14.6 | 92 | 61.9 |
| | Jan 2022 | 255 | 4.1 | 446.50 | 552 | 0 | 75.12 | 93.9 | 16.0 | 78 | 62.6 |
| | Feb 2022 | 393 | 7.1 | 446.50 | 552 | 0 | 75.15 | 93.2 | 25.5 | 78 | 64.9 |
| | Mar 2022 | 637 | 10.4 | 446.70 | 555 | 4 | 74.01 | 120.0 | 41.2 | 100 | 64.7 |
| | Apr 2022 | 706 | 11.9 | 448.70 | 593 | 38 | 75.08 | 120.0 | 46.5 | 100 | 65.8 |

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2020 24-Month Study

Most Probable Inflow*

Upper Basin Power



— BUREAU OF —
RECLAMATION

| | | Glen Canyon | Flaming Gorge | Blue Mesa | Morrow Point | Crystal Reservoir | Fontenelle Reservoir |
|---|--------------------|----------------|------------------|--------------|-----------------|----------------------|-------------------------|
| | Date | 1000 MWHR | 1000 MWHR | 1000 MWHR | 1000 MWHR | 1000 MWHR | 1000 MWHR |
| * | May 2019 | 299 | 38 | 23 | 45 | 21 | 6 |
| H | Jun 2019 | 332 | 82 | 33 | 64 | 22 | 8 |
| I | Jul 2019 | 391 | 39 | 28 | 54 | 23 | 7 |
| S | Aug 2019 | 412 | 42 | 24 | 49 | 22 | 7 |
| T | Sep 2019 | 312 | 44 | 15 | 22 | 18 | 2 |
| | Summer 2019 | 2041 | 273 | 131 | 248 | 115 | 34 |
| O | Oct 2019 | 281 | 31 | 26 | 27 | 18 | 5 |
| R | Nov 2019 | 280 | 31 | 22 | 25 | 14 | 5 |
| I | Dec 2019 | 336 | 51 | 26 | 30 | 17 | 5 |
| C | Jan 2020 | 338 | 51 | 18 | 22 | 11 | 5 |
| A | Feb 2020 | 296 | 47 | 12 | 14 | 4 | 4 |
| L | Mar 2020 | 307 | 46 | 11 | 13 | 7 | 4 |
| | Winter 2020 | 1838 | 258 | 115 | 131 | 71 | 28 |
| * | Apr 2020 | 276 | 44 | 21 | 25 | 16 | 5 |
| | May 2020 | 265 | 63 | 23 | 35 | 21 | 8 |
| | Jun 2020 | 278 | 24 | 18 | 24 | 15 | 9 |
| | Jul 2020 | 322 | 26 | 25 | 30 | 15 | 10 |
| | Aug 2020 | 356 | 32 | 20 | 30 | 15 | 7 |
| | Sep 2020 | 254 | 35 | 22 | 27 | 14 | 6 |
| | Summer 2020 | 1750 | 224 | 128 | 171 | 95 | 43 |
| | Oct 2020 | 270 | 27 | 21 | 26 | 13 | 2 |
| | Nov 2020 | 269 | 37 | 5 | 7 | 4 | 6 |
| | Dec 2020 | 302 | 54 | 8 | 10 | 6 | 5 |
| | Jan 2021 | 358 | 54 | 9 | 11 | 6 | 5 |
| | Feb 2021 | 310 | 49 | 8 | 10 | 6 | 4 |
| | Mar 2021 | 329 | 36 | 0 | 12 | 7 | 4 |
| | Winter 2021 | 1839 | 256 | 51 | 77 | 42 | 27 |
| | Apr 2021 | 292 | 35 | 0 | 21 | 12 | 4 |
| | May 2021 | 296 | 40 | 2 | 27 | 19 | 6 |
| | Jun 2021 | 322 | 73 | 65 | 84 | 22 | 9 |
| | Jul 2021 | 371 | 26 | 38 | 46 | 23 | 10 |
| | Aug 2021 | 391 | 32 | 34 | 40 | 20 | 9 |
| | Sep 2021 | 290 | 34 | 27 | 32 | 9 | 2 |
| | Summer 2021 | 1962 | 240 | 166 | 249 | 106 | 40 |
| | Oct 2021 | 276 | 27 | 25 | 29 | 15 | 6 |
| | Nov 2021 | 275 | 37 | 16 | 20 | 10 | 5 |
| | Dec 2021 | 308 | 54 | 27 | 33 | 17 | 5 |
| | Jan 2022 | 366 | 54 | 17 | 21 | 11 | 5 |
| | Feb 2022 | 318 | 49 | 11 | 14 | 8 | 4 |
| | Mar 2022 | 338 | 39 | 13 | 17 | 9 | 4 |
| | Winter 2022 | 1543 | 221 | 96 | 118 | 60 | 26 |
| | Apr 2022 | 299 | 37 | 20 | 28 | 15 | 4 |

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

May 2020 24-Month Study

Most Probable Inflow*

Flood Control Criteria - Beginning of Month Conditions



— BUREAU OF —
RECLAMATION

| Date | Flaming Gorge | Blue Mesa | Navajo | Lake Powell | Upper Basin Total | Lake Mead | Total | Flaming Gorge | Blue Mesa | Navajo | Tot or Max Allow | Lake Powell | Lake Mead | BOM Space Total | Mead Sched Rel | Mead FC Rel | Sys Cont | |
|-----------------------------------|---------------|-----------|--------|-------------|-------------------|-----------|-------|-----------------------------------|-----------|--------|------------------|-------------|-----------|-----------------|----------------|-------------|----------|------|
| | KAF | KAF | KAF | KAF | KAF | KAF | KAF | KAF | KAF | KAF | KAF | KAF | KAF | KAF | KAF | KAF | MAF | |
| **** PREDICTED SPACE **** | | | | | | | | **** EFFECTIVE SPACE **** | | | | | | | | | | |
| May 2020 | 741 | 320 | 399 | 12637 | 14097 | 15962 | 30059 | 455 | 181 | 171 | 808 | 12637 | 15962 | 29406 | 1500 | 1028 | 0 | 31.4 |
| Jun 2020 | 683 | 239 | 315 | 11779 | 13016 | 16361 | 29377 | 388 | 86 | 47 | 521 | 11779 | 16361 | 28662 | 1500 | 973 | 0 | 32.1 |
| Jul 2020 | 420 | 138 | 328 | 11109 | 11995 | 16718 | 28713 | 105 | -23 | 3 | 85 | 11109 | 16718 | 27911 | 1500 | 869 | 0 | 31.7 |
| **** CREDITABLE SPACE **** | | | | | | | | **** CREDITABLE SPACE **** | | | | | | | | | | |
| Aug 2020 | 335 | 152 | 386 | 11370 | 12242 | 16853 | 29095 | 335 | 152 | 386 | 872 | 11370 | 16853 | 29095 | 1500 | 814 | 0 | 31.2 |
| Sep 2020 | 365 | 183 | 431 | 11753 | 12731 | 16845 | 29577 | 365 | 183 | 431 | 979 | 11753 | 16845 | 29577 | 2270 | 753 | 0 | 30.7 |
| Oct 2020 | 422 | 215 | 446 | 11926 | 13009 | 17001 | 30010 | 422 | 215 | 446 | 1083 | 11926 | 17001 | 30010 | 3040 | 572 | 0 | 30.4 |
| Nov 2020 | 447 | 251 | 443 | 12078 | 13219 | 16931 | 30150 | 447 | 251 | 443 | 1141 | 12078 | 16931 | 30150 | 3810 | 707 | 0 | 30.1 |
| Dec 2020 | 501 | 239 | 442 | 12257 | 13439 | 16987 | 30426 | 501 | 239 | 442 | 1182 | 12257 | 16987 | 30426 | 4580 | 568 | 0 | 30.0 |
| Jan 2021 | 613 | 241 | 444 | 12509 | 13806 | 16830 | 30637 | 613 | 241 | 444 | 1297 | 12509 | 16830 | 30637 | 5350 | 533 | 0 | 30.0 |
| **** EFFECTIVE SPACE **** | | | | | | | | **** EFFECTIVE SPACE **** | | | | | | | | | | |
| Jan 2021 | 613 | 241 | 444 | 12509 | 13806 | 16830 | 30637 | 311 | 237 | 221 | 769 | 12509 | 16830 | 30109 | 5350 | 533 | 0 | 30.0 |
| Feb 2021 | 720 | 246 | 447 | 12874 | 14287 | 16471 | 30758 | 418 | 242 | 225 | 885 | 12874 | 16471 | 30230 | 1500 | 532 | 0 | 29.9 |
| Mar 2021 | 809 | 249 | 441 | 13135 | 14634 | 16207 | 30841 | 507 | 247 | 217 | 971 | 13135 | 16207 | 30313 | 1500 | 982 | 0 | 29.6 |
| Apr 2021 | 809 | 242 | 393 | 13336 | 14779 | 16335 | 31114 | 503 | 240 | 162 | 904 | 13336 | 16335 | 30575 | 1500 | 1045 | 0 | 29.7 |
| May 2021 | 776 | 212 | 315 | 13193 | 14496 | 16642 | 31138 | 464 | 211 | 60 | 734 | 13193 | 16642 | 30569 | 1500 | 1008 | 0 | 30.8 |
| Jun 2021 | 651 | 57 | 288 | 12054 | 13051 | 16946 | 29997 | 328 | 40 | -7 | 362 | 12054 | 16946 | 29361 | 1500 | 962 | 0 | 32.3 |
| Jul 2021 | 478 | 35 | 395 | 10450 | 11358 | 17196 | 28553 | 139 | -5 | 42 | 175 | 10450 | 17196 | 27821 | 1500 | 842 | 0 | 32.4 |
| **** CREDITABLE SPACE **** | | | | | | | | **** CREDITABLE SPACE **** | | | | | | | | | | |
| Aug 2021 | 359 | 39 | 414 | 10379 | 11190 | 17210 | 28400 | 359 | 39 | 414 | 812 | 10379 | 17210 | 28400 | 1500 | 800 | 0 | 32.0 |
| Sep 2021 | 372 | 76 | 435 | 10730 | 11613 | 17126 | 28739 | 372 | 76 | 435 | 883 | 10730 | 17126 | 28739 | 2270 | 728 | 0 | 31.6 |
| Oct 2021 | 422 | 115 | 440 | 10928 | 11905 | 17189 | 29094 | 422 | 115 | 440 | 977 | 10928 | 17189 | 29094 | 3040 | 536 | 0 | 31.4 |
| Nov 2021 | 445 | 153 | 435 | 11031 | 12065 | 17084 | 29149 | 445 | 153 | 435 | 1034 | 11031 | 17084 | 29149 | 3810 | 654 | 0 | 31.2 |
| Dec 2021 | 498 | 175 | 439 | 11155 | 12267 | 17089 | 29356 | 498 | 175 | 439 | 1112 | 11155 | 17089 | 29356 | 4580 | 491 | 0 | 31.2 |
| Jan 2022 | 610 | 241 | 450 | 11341 | 12641 | 16859 | 29500 | 610 | 241 | 450 | 1300 | 11341 | 16859 | 29500 | 5350 | 519 | 0 | 31.1 |
| **** EFFECTIVE SPACE **** | | | | | | | | **** EFFECTIVE SPACE **** | | | | | | | | | | |
| Jan 2022 | 610 | 241 | 450 | 11341 | 12641 | 16859 | 29500 | 301 | 239 | 227 | 766 | 11341 | 16859 | 28966 | 5350 | 519 | 0 | 31.1 |
| Feb 2022 | 717 | 273 | 463 | 11673 | 13125 | 16488 | 29612 | 408 | 272 | 239 | 919 | 11673 | 16488 | 29079 | 1500 | 518 | 0 | 31.0 |
| Mar 2022 | 806 | 288 | 464 | 11917 | 13475 | 16210 | 29685 | 497 | 287 | 240 | 1024 | 11917 | 16210 | 29151 | 1500 | 968 | 0 | 30.8 |
| Apr 2022 | 814 | 294 | 425 | 12089 | 13622 | 16326 | 29949 | 500 | 294 | 194 | 988 | 12089 | 16326 | 29404 | 1500 | 1031 | 0 | 30.8 |

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