

October 24-Month Study
Date: October 11, 2019

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

Current Reservoir Status

| Reservoir | September Inflow (unregulated) (acre-feet) | Percent of Average (%) | October 10, Midnight Elevation (feet) | October 10, Midnight Reservoir Storage (acre-feet) |
|---------------|---|------------------------------|--|--|
| Fontenelle | 41,000 | 89 | 6,495.81 | 267,000 |
| Flaming Gorge | 49,000 | 90 | 6,031.21 | 3,396,000 |
| Blue Mesa | 31,500 | 85 | 7,506.67 | 717,000 |
| Navajo | 3,400 | 8 | 6,062.11 | 1,375,000 |
| Powell | 143,000 | 35 | 3,614.52 | 13,190,000 |

Expected Operations

The operation of Lake Powell and Lake Mead in this October 2019 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 2019 Annual Operating Plan (AOP) and draft 2020 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.

The August 2019 24-Month Study projected the January 1, 2020, Lake Powell elevation to be below the 2019 Equalization Elevation of 3,657 feet and above elevation 3,575 feet. 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 initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2020. Based on the most probable inflow forecast, this October 24-Month Study projects an annual release of 8.23 maf in 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 2019.

The August 2019 24-Month Study projected the January 1, 2020, Lake Mead elevation to be above 1,075 feet and below 1,090 feet. 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 for calendar year 2020.

The 2020 operational tier determinations for Lake Powell and Lake Mead will be documented in the 2020 AOP, which is currently in development.

The Interim Guidelines are available for download at:

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

The 2019 AOP is available for download at:

<https://www.usbr.gov/lc/region/g4000/aop/AOP19.pdf>.

The draft 2020 AOP is available for download at:

https://www.usbr.gov/lc/region/g4000/AOP2020/2020AOP_2019-08-30_Consultation-3.pdf.

The Colorado River DCPs are available for download at:

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

Fontenelle Reservoir – As of October 2, 2019 Fontenelle Reservoir pool elevation is 6496.30 feet, which amounts to 78 percent of live storage capacity. Inflows for the month of September totaled 40,958 acre-feet (af) or 89 percent of average. Releases remain at 1100 cfs.

The Colorado Basin River Forecast Center has forecasted inflows that are near average. October, November, and December forecasted inflow volumes amount to 45,000 af (93 percent of average), 44,000 af (105 percent of average), and 37,000 af (116 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for April 22, 2020 from 10:00 a.m. to 12:00 p.m. The meeting is planned to be held at the 3 Telephone Canyon Road, Green River, WY 82935. 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 – Flaming Gorge average daily releases are planned to be lowered beginning on October 1st by 50 cfs per day from the currently daily average of 1,900 cfs to a daily average of 1,100 cfs by October 16th. This is the transition from Colorado Pikeminnow Summer/Autumn base flows to (-) 40% base flows according to the 2006 Record of Decision and is identified in the Flaming Gorge Operation Plan May 2019 to April 2020 -- <https://www.usbr.gov/uc/water/crsp/cs/pdf/20190500-FlamingGorgeMay2019April2020-OperationPlan-508-PO.pdf>.

As of October 2, 2019, Flaming Gorge Reservoir pool elevation is 6031.47 feet, which amounts to 91 percent of live storage capacity. Inflows for the month of September

totaled 74,452 acre-feet (af) or 107 percent of average. The 1,100 cfs average daily release is projected to continue through November.

The October final forecast for unregulated inflows into Flaming Gorge for the next three months projects near average conditions: October, November, and December forecasted unregulated inflow volumes at 57,000 af (97 percent of average), 56,000 af (110 percent of average), and 40,000 af (115 percent of average), respectively.

Reclamation is planning to hold the Pre-Flaming Gorge Working Group meeting on March 19, 2020 from 10:00 am to 1:00 pm at the Uintah Conference Center in Vernal UT (313 East 200 South). The Flaming Gorge Working Group meeting to review stakeholders comments and input is scheduled for April 16, 2020 from 10:00 a.m. to 1:00 p.m. at Carbon County Event Center, 450 S Fairgrounds Rd, Price, UT 84501, USA.

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 October 6, 2019 releases from Crystal Dam are approximately 1,450 cfs. Uncompahgre Valley Water Users Association is diverting approximately 1,040 cfs through the Gunnison Tunnel and flows in the Black Canyon are about 600 cfs. Releases from Crystal are projected to remain at about this level throughout the fall.

Blue Mesa did fill this year and achieved a peak elevation on July 25, 2019 of 7519.15 feet above sea level which corresponded to a storage content of 827,000 af (99 percent of full pool). Since this peak filling, Blue Mesa's elevation has declined to 7507.36 feet above sea level on October 6, 2019.

The unregulated inflow volume in September to Blue Mesa was 31.5 kaf (83 percent of average). Unregulated Inflow volumes forecasted for Blue Mesa for the next three months (October, November, December) are projected to be: 38,000 af (100 percent of average), 34,000 af (110 percent of average) and 29,000 af (112 percent of average), respectively. The October 24-Month Study is reflective of these new forecasts. The water year unregulated inflow forecast volume for 2020 is 0.880 maf which is 92 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.

Meeting notes from past working Group meetings are posted on the Working Group webpage at:

<https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/amcurrnt.html>

The next meeting of the Aspinall Unit Working Group will be held on Thursday, January 23, 2020 at 1:00 pm at the Holiday Inn Express located in Montrose, Colorado.

Navajo Reservoir – On October 2nd, the daily average release rate from Navajo Dam was approximately 593 cfs while reservoir inflow (modified unregulated) was averaging approximately 27 cfs. The water surface elevation was 6062.9 feet above sea level. At this elevation the live storage is 1.39 maf (81 percent of live storage capacity) and the active storage is 0.72 maf (70 percent of active storage capacity). NIIP was diverting 330 cfs from the reservoir. The river flow measured at the Animas River at Farmington USGS gage was at 203 cfs. River flow at the San Juan River at Four Corners USGS gage was 632 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 September was 3 kaf (8 percent of average for the month).

Forecast modified-unregulated inflow to Navajo over the next three months (October, November and December) are projected to be: 18 kaf (38 percent of average), 25 kaf (75 percent of average), and 24 kaf (96 percent of average), respectively.

Releases for the fall and winter will be made to target the San Juan River Recovery Implementation Program's recommended baseflow range of 500 cfs to 1000 cfs. Releases will likely range between 300 cfs and 600 cfs for the remainder of the calendar year.

Analysis of current carryover storage with 35 years of historical hydrology (1981 - 2015) shows that Navajo has a 60 percent chance of filling to at least 6070 feet, and a 50 percent chance of conducting a spring peak release in the spring of 2020.

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 Navajo Unit Coordination Meeting will be held Tuesday, January 21, 2020 at 1:00 pm at the Farmington Civic Center (200 West Arrington, Farmington, NM).

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell during September was 143 thousand acre-feet (kaf) (35 percent of average). The release volume from Glen Canyon Dam in September was 687 kaf. The end of September elevation and storage of Lake Powell were 3,615 ft (85 feet from full pool) and 13.28 maf (55 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. Under this Tier the initial annual water year release volume is 8.23 maf, and 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 below 1,075 feet. Lake Powell operations will shift to balancing releases for the remainder of water year 2020. If the April 2020 24-Month Study projects the end of water year elevation to be above the 2020 Equalization elevation of 3,657 feet Lake Powell operations will shift to Equalization releases for the remainder of water year 2020. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2020.

In October, the release volume will be approximately 625 kaf, with fluctuations anticipated between about 6,740 cfs in the nighttime to about 12,500 cfs in the daytime, and consistent with the Glen Canyon Dam, Record of Decision (dated December 2016). The anticipated release volume for November is 625 kaf with daily fluctuations between approximately 7,000 cfs and 12,640 cfs. The expected release for December is 750 kaf.

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 October 1, 2019, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume this year will be 9.5 maf (88 percent of average). There is significant uncertainty regarding this season's snow pack 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 October forecast ranges from a minimum probable of 6.7 maf (62 percent of average) to a maximum probable of 18 maf (166 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 October 24-Month Study projects Lake Powell elevation will end water year 2020 near 3,623.17 feet with approximately 14.10 maf in storage (58 percent of capacity). Note that projections of elevation and storage for water year 2020 have significant 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 October 2019 are 3,595.36 feet (11.31 maf, 47 percent of capacity) and 3,657 feet (18.10 maf, 74 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 is projected to be 8.23 maf under the October most probable scenario, and 9.0 maf under the minimum probable and 11.89 maf under the maximum probable inflow 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 9.5 maf (88 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 31.6 maf (53 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 | | |
|--------|---------------|------|------|------|------|------|----------|-------|-------|
| : | | jun | jul | aug | sep | %Avg | oct | nov | dec |
| GLDA3: | Lake Powell | 4206 | 2451 | 472 | 143 | 35%: | 380/ | 440/ | 380/ |
| GBRW4: | Fontenelle | 337 | 184 | 57 | 41 | 89%: | 45/ | 44/ | 37/ |
| GRNU1: | Flaming Gorge | 460 | 227 | 59 | 49 | 89%: | 57/ | 56/ | 40/ |
| BMDC2: | Blue Mesa | 471 | 282 | 92 | 32 | 84%: | 38/ | 34/ | 29/ |
| MPSC2: | Morrow Point | 512 | 295 | 93 | 32 | 79%: | 39/ | 36/ | 31/ |
| CLSC2: | Crystal | 558 | 321 | 98 | 36 | 77%: | 43/ | 40/ | 36/ |
| TPIC2: | Taylor Park | 68 | 47 | 14.8 | 7.1 | 96%: | 7.0/ | 6.0/ | 5.5/ |
| VCRC2: | Vallecito | 160 | 69 | 19.5 | 7.9 | 45%: | 9/ | 8/ | 6.5/ |
| NVRN5: | Navajo | 491 | 171 | 40 | 2.6 | 6%: | 18/ | 25/ | 24/ |
| LEMC2: | Lemon | 46 | 19.8 | 3.7 | 1.44 | 35%: | 1.5/ | 1.5/ | 1.1/ |
| MPHC2: | McPhee | 181 | 53 | 11.3 | 5.7 | 50%: | 5.0/ | 5.0/ | 5.0/ |
| RBSC2: | Ridgway | 50 | 46 | 17.6 | 6.3 | 64%: | 6.0/ | 5.5/ | 5.0/ |
| YDLC2: | Deerlodge | 677 | 258 | 32 | 14.0 | 71%: | 23/ | 30/ | 25/ |
| DRGC2: | Durango | 285 | 179 | 50 | 20 | 65%: | 19.0/ | 19.0/ | 16.0/ |

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



October 2019 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir



| | Regulated Inflow | Evap Losses | Power Release | Bypass Release | Total Release | Reservoir Elev End of Month | Live Storage |
|----------------|------------------|--------------|---------------|----------------|---------------|-----------------------------|--------------|
| Date | (1000 Ac-Ft) | (1000 Ac-Ft) | (1000 Ac-Ft) | (1000 Ac-Ft) | (1000 Ac-Ft) | (Ft) | (1000 Ac-Ft) |
| * Oct 2018 | 42 | 1 | 45 | 20 | 65 | 6491.62 | 238 |
| H Nov 2018 | 38 | 1 | 60 | 0 | 60 | 6488.29 | 216 |
| I Dec 2018 | 30 | 1 | 61 | 1 | 61 | 6483.19 | 184 |
| S Jan 2019 | 28 | 1 | 61 | 0 | 61 | 6476.81 | 150 |
| T Feb 2019 | 26 | 0 | 55 | 1 | 56 | 6470.41 | 120 |
| O Mar 2019 | 37 | 0 | 61 | 0 | 61 | 6464.13 | 95 |
| R Apr 2019 | 114 | 1 | 71 | 0 | 71 | 6474.10 | 137 |
| I May 2019 | 167 | 1 | 98 | 0 | 98 | 6486.46 | 204 |
| C Jun 2019 | 337 | 2 | 107 | 171 | 278 | 6494.89 | 261 |
| A Jul 2019 | 184 | 3 | 86 | 39 | 125 | 6502.48 | 317 |
| L Aug 2019 | 57 | 2 | 74 | 0 | 74 | 6499.98 | 298 |
| * Sep 2019 | 41 | 2 | 19 | 47 | 66 | 6496.36 | 271 |
| WY 2019 | 1101 | 15 | 799 | 278 | 1077 | | |
| Oct 2019 | 45 | 1 | 68 | 0 | 68 | 6493.00 | 248 |
| Nov 2019 | 44 | 1 | 62 | 1 | 62 | 6490.08 | 229 |
| Dec 2019 | 37 | 1 | 65 | 0 | 65 | 6485.81 | 201 |
| Jan 2020 | 32 | 1 | 65 | 0 | 65 | 6480.19 | 168 |
| Feb 2020 | 30 | 1 | 60 | 0 | 60 | 6474.00 | 137 |
| Mar 2020 | 46 | 0 | 66 | 0 | 66 | 6469.40 | 117 |
| Apr 2020 | 75 | 1 | 79 | 0 | 79 | 6468.41 | 112 |
| May 2020 | 150 | 1 | 88 | 0 | 88 | 6481.14 | 173 |
| Jun 2020 | 285 | 2 | 102 | 62 | 165 | 6498.99 | 291 |
| Jul 2020 | 170 | 3 | 102 | 32 | 135 | 6503.27 | 324 |
| Aug 2020 | 65 | 2 | 80 | 0 | 80 | 6501.07 | 307 |
| Sep 2020 | 45 | 2 | 20 | 51 | 71 | 6497.29 | 279 |
| WY 2020 | 1024 | 15 | 856 | 147 | 1003 | | |
| Oct 2020 | 48 | 1 | 74 | 0 | 74 | 6493.52 | 252 |
| Nov 2020 | 42 | 1 | 65 | 0 | 65 | 6489.83 | 228 |
| Dec 2020 | 32 | 1 | 68 | 0 | 68 | 6484.25 | 191 |
| Jan 2021 | 30 | 1 | 68 | 0 | 68 | 6477.42 | 153 |
| Feb 2021 | 28 | 0 | 61 | 0 | 61 | 6470.10 | 120 |
| Mar 2021 | 53 | 0 | 70 | 0 | 70 | 6465.75 | 102 |
| Apr 2021 | 85 | 1 | 79 | 0 | 79 | 6467.17 | 107 |
| May 2021 | 164 | 1 | 93 | 0 | 93 | 6481.78 | 177 |
| Jun 2021 | 299 | 2 | 102 | 77 | 179 | 6499.40 | 294 |
| Jul 2021 | 178 | 3 | 103 | 53 | 156 | 6501.84 | 313 |
| Aug 2021 | 77 | 2 | 83 | 0 | 83 | 6500.66 | 304 |
| Sep 2021 | 46 | 2 | 20 | 60 | 80 | 6495.75 | 268 |
| WY 2021 | 1081 | 15 | 887 | 190 | 1077 | | |

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

October 2019 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir



| Date | Unreg Inflow (1000 Ac-Ft) | Reg Inflow (1000 Ac-Ft) | Evap Losses (1000 Ac-Ft) | Power Release (1000 Ac-Ft) | Bypass Release (1000 Ac-Ft) | Total Release (1000 Ac-Ft) | Bank Storage (1000 Ac-Ft) | Reservoir Elev End of Month (Ft) | Live Storage (1000 Ac-Ft) | Jensen Flow (1000 Ac-Ft) |
|----------------|---------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------------|---------------------------|--------------------------|
| * Oct 2018 | 52 | 75 | 7 | 99 | 0 | 99 | 135 | 6029.99 | 3349 | 131 |
| H Nov 2018 | 41 | 63 | 4 | 93 | 0 | 93 | 133 | 6029.15 | 3316 | 121 |
| I Dec 2018 | 29 | 60 | 2 | 124 | 0 | 124 | 131 | 6027.49 | 3253 | 153 |
| S Jan 2019 | 34 | 68 | 2 | 124 | 0 | 124 | 129 | 6026.01 | 3198 | 154 |
| T Feb 2019 | 34 | 63 | 2 | 112 | 0 | 112 | 127 | 6024.69 | 3149 | 143 |
| O Mar 2019 | 74 | 99 | 3 | 58 | 0 | 58 | 128 | 6025.67 | 3185 | 128 |
| R Apr 2019 | 240 | 198 | 5 | 71 | 0 | 71 | 133 | 6028.79 | 3303 | 341 |
| I May 2019 | 252 | 183 | 8 | 99 | 0 | 99 | 136 | 6030.71 | 3376 | 568 |
| C Jun 2019 | 460 | 400 | 11 | 215 | 100 | 315 | 139 | 6032.55 | 3448 | 950 |
| A Jul 2019 | 227 | 169 | 14 | 100 | 0 | 100 | 141 | 6033.89 | 3502 | 376 |
| L Aug 2019 | 59 | 76 | 13 | 109 | 0 | 109 | 139 | 6032.79 | 3458 | 153 |
| * Sep 2019 | 49 | 74 | 11 | 113 | 0 | 113 | 137 | 6031.57 | 3410 | 138 |
| WY 2019 | 1553 | 1529 | 82 | 1315 | 100 | 1415 | | | | 3356 |
| Oct 2019 | 57 | 80 | 8 | 80 | 0 | 80 | 137 | 6031.39 | 3403 | 103 |
| Nov 2019 | 56 | 74 | 4 | 65 | 0 | 65 | 137 | 6031.52 | 3408 | 95 |
| Dec 2019 | 40 | 68 | 2 | 114 | 0 | 114 | 135 | 6030.33 | 3362 | 139 |
| Jan 2020 | 45 | 78 | 2 | 141 | 0 | 141 | 133 | 6028.69 | 3299 | 165 |
| Feb 2020 | 46 | 76 | 2 | 132 | 0 | 132 | 130 | 6027.21 | 3243 | 156 |
| Mar 2020 | 95 | 115 | 3 | 157 | 0 | 157 | 129 | 6026.06 | 3200 | 227 |
| Apr 2020 | 125 | 129 | 5 | 83 | 0 | 83 | 130 | 6027.11 | 3239 | 283 |
| May 2020 | 225 | 163 | 8 | 74 | 0 | 74 | 133 | 6029.18 | 3317 | 574 |
| Jun 2020 | 355 | 235 | 10 | 224 | 0 | 224 | 133 | 6029.19 | 3318 | 664 |
| Jul 2020 | 200 | 165 | 14 | 88 | 0 | 88 | 136 | 6030.75 | 3378 | 158 |
| Aug 2020 | 76 | 91 | 13 | 111 | 0 | 111 | 135 | 6029.94 | 3347 | 132 |
| Sep 2020 | 55 | 81 | 11 | 107 | 0 | 107 | 133 | 6029.02 | 3311 | 122 |
| WY 2020 | 1375 | 1354 | 81 | 1376 | 0 | 1376 | | | | 2818 |
| Oct 2020 | 59 | 85 | 7 | 73 | 0 | 73 | 133 | 6029.12 | 3315 | 101 |
| Nov 2020 | 51 | 75 | 3 | 60 | 0 | 60 | 134 | 6029.41 | 3326 | 89 |
| Dec 2020 | 35 | 71 | 2 | 105 | 0 | 105 | 132 | 6028.49 | 3291 | 130 |
| Jan 2021 | 40 | 78 | 2 | 126 | 0 | 126 | 131 | 6027.22 | 3243 | 151 |
| Feb 2021 | 45 | 78 | 2 | 114 | 0 | 114 | 129 | 6026.25 | 3206 | 142 |
| Mar 2021 | 102 | 120 | 3 | 108 | 0 | 108 | 129 | 6026.48 | 3215 | 184 |
| Apr 2021 | 134 | 127 | 5 | 104 | 0 | 104 | 130 | 6026.95 | 3233 | 319 |
| May 2021 | 245 | 175 | 8 | 95 | 0 | 95 | 133 | 6028.78 | 3302 | 627 |
| Jun 2021 | 390 | 270 | 11 | 210 | 0 | 210 | 135 | 6030.02 | 3350 | 630 |
| Jul 2021 | 210 | 189 | 14 | 88 | 0 | 88 | 138 | 6032.17 | 3433 | 188 |
| Aug 2021 | 89 | 95 | 13 | 114 | 0 | 114 | 137 | 6031.40 | 3403 | 139 |
| Sep 2021 | 55 | 90 | 11 | 110 | 0 | 110 | 136 | 6030.61 | 3373 | 129 |
| WY 2021 | 1454 | 1451 | 81 | 1306 | 0 | 1306 | | | | 2830 |

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

October 2019 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir



| | Regulated Inflow | Total Release | Reservoir Elev End of Month | Live Storage |
|----------------|-------------------------|----------------------|------------------------------------|---------------------|
| Date | (1000 Ac-Ft) | (1000 Ac-Ft) | (Ft) | (1000 Ac-Ft) |
| * Oct 2018 | 5 | 3 | 9302.60 | 59 |
| H Nov 2018 | 3 | 3 | 9302.61 | 59 |
| I Dec 2018 | 4 | 3 | 9302.74 | 59 |
| S Jan 2019 | 4 | 3 | 9302.92 | 59 |
| T Feb 2019 | 3 | 3 | 9303.16 | 60 |
| O Mar 2019 | 5 | 4 | 9303.75 | 60 |
| R Apr 2019 | 10 | 7 | 9306.14 | 64 |
| I May 2019 | 21 | 26 | 9302.64 | 59 |
| C Jun 2019 | 68 | 38 | 9320.92 | 89 |
| A Jul 2019 | 47 | 32 | 9328.49 | 103 |
| L Aug 2019 | 15 | 24 | 9323.77 | 94 |
| * Sep 2019 | 7 | 20 | 9316.42 | 81 |
| <hr/> | | | | |
| WY 2019 | 191 | 168 | | |
| Oct 2019 | 7 | 7 | 9316.21 | 80 |
| Nov 2019 | 6 | 6 | 9316.24 | 80 |
| Dec 2019 | 6 | 6 | 9315.87 | 80 |
| Jan 2020 | 6 | 6 | 9315.49 | 79 |
| Feb 2020 | 5 | 6 | 9315.17 | 78 |
| Mar 2020 | 5 | 6 | 9314.49 | 77 |
| Apr 2020 | 7 | 6 | 9315.08 | 78 |
| May 2020 | 25 | 12 | 9322.34 | 91 |
| Jun 2020 | 38 | 24 | 9329.53 | 105 |
| Jul 2020 | 15 | 24 | 9324.97 | 96 |
| Aug 2020 | 9 | 21 | 9318.51 | 84 |
| Sep 2020 | 7 | 15 | 9313.90 | 76 |
| <hr/> | | | | |
| WY 2020 | 135 | 139 | | |
| Oct 2020 | 6 | 6 | 9314.16 | 77 |
| Nov 2020 | 5 | 6 | 9313.60 | 76 |
| Dec 2020 | 5 | 6 | 9312.72 | 74 |
| Jan 2021 | 4 | 6 | 9311.62 | 73 |
| Feb 2021 | 4 | 6 | 9310.54 | 71 |
| Mar 2021 | 4 | 6 | 9309.46 | 69 |
| Apr 2021 | 9 | 6 | 9311.19 | 72 |
| May 2021 | 28 | 15 | 9318.97 | 85 |
| Jun 2021 | 42 | 21 | 9329.80 | 106 |
| Jul 2021 | 20 | 21 | 9329.37 | 105 |
| Aug 2021 | 10 | 21 | 9323.92 | 94 |
| Sep 2021 | 7 | 18 | 9318.15 | 84 |
| <hr/> | | | | |
| WY 2021 | 145 | 138 | | |

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

October 2019 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir



| Date | UnReg Inflow (1000 Ac-Ft) | Regulated Inflow (1000 Ac-Ft) | Evap Losses (1000 Ac-Ft) | Power Release (1000 Ac-Ft) | Bypass Release (1000 Ac-Ft) | Total Release (1000 Ac-Ft) | Reservoir Elev End of Month (Ft) | Live Storage (1000 Ac-Ft) |
|----------------|------------------------------|----------------------------------|-----------------------------|-------------------------------|--------------------------------|-------------------------------|--|------------------------------|
| * Oct 2018 | 23 | 22 | 0 | 46 | 11 | 56 | 7437.59 | 248 |
| H Nov 2018 | 22 | 21 | 0 | 19 | 0 | 19 | 7438.08 | 250 |
| I Dec 2018 | 20 | 19 | 0 | 21 | 0 | 21 | 7437.82 | 249 |
| S Jan 2019 | 20 | 20 | 0 | 17 | 0 | 17 | 7438.40 | 252 |
| T Feb 2019 | 20 | 20 | 0 | 23 | 0 | 23 | 7437.59 | 248 |
| O Mar 2019 | 28 | 27 | 0 | 25 | 0 | 25 | 7438.01 | 250 |
| R Apr 2019 | 121 | 118 | 0 | 33 | 0 | 33 | 7453.91 | 335 |
| I May 2019 | 214 | 218 | 1 | 86 | 18 | 105 | 7471.68 | 447 |
| C Jun 2019 | 471 | 444 | 1 | 124 | 70 | 194 | 7504.14 | 696 |
| A Jul 2019 | 282 | 266 | 2 | 87 | 51 | 138 | 7518.61 | 823 |
| L Aug 2019 | 92 | 100 | 1 | 76 | 62 | 137 | 7514.39 | 784 |
| * Sep 2019 | 32 | 45 | 1 | 45 | 47 | 93 | 7508.84 | 736 |
| WY 2019 | 1344 | 1320 | 7 | 601 | 260 | 859 | | |
| Oct 2019 | 38 | 38 | 1 | 86 | 0 | 86 | 7503.17 | 688 |
| Nov 2019 | 34 | 34 | 0 | 80 | 0 | 80 | 7497.52 | 641 |
| Dec 2019 | 29 | 30 | 0 | 82 | 0 | 82 | 7490.90 | 588 |
| Jan 2020 | 28 | 29 | 0 | 53 | 0 | 53 | 7487.72 | 564 |
| Feb 2020 | 25 | 26 | 0 | 51 | 0 | 51 | 7484.40 | 539 |
| Mar 2020 | 38 | 39 | 0 | 51 | 0 | 51 | 7482.69 | 526 |
| Apr 2020 | 70 | 69 | 1 | 68 | 0 | 68 | 7482.78 | 526 |
| May 2020 | 185 | 172 | 1 | 201 | 0 | 201 | 7478.63 | 496 |
| Jun 2020 | 250 | 236 | 1 | 34 | 0 | 34 | 7504.29 | 697 |
| Jul 2020 | 95 | 104 | 1 | 71 | 0 | 71 | 7507.99 | 728 |
| Aug 2020 | 51 | 63 | 1 | 77 | 0 | 77 | 7506.21 | 713 |
| Sep 2020 | 37 | 45 | 1 | 77 | 0 | 77 | 7502.25 | 680 |
| WY 2020 | 880 | 884 | 8 | 932 | 0 | 932 | | |
| Oct 2020 | 38 | 37 | 1 | 75 | 0 | 75 | 7497.59 | 642 |
| Nov 2020 | 31 | 32 | 0 | 49 | 0 | 49 | 7495.42 | 624 |
| Dec 2020 | 26 | 27 | 0 | 79 | 0 | 79 | 7488.77 | 572 |
| Jan 2021 | 24 | 26 | 0 | 49 | 0 | 49 | 7485.73 | 549 |
| Feb 2021 | 22 | 24 | 0 | 43 | 0 | 43 | 7483.16 | 529 |
| Mar 2021 | 36 | 38 | 0 | 0 | 52 | 52 | 7481.16 | 515 |
| Apr 2021 | 77 | 74 | 1 | 0 | 80 | 80 | 7480.31 | 508 |
| May 2021 | 221 | 208 | 1 | 6 | 225 | 231 | 7476.98 | 484 |
| Jun 2021 | 261 | 240 | 1 | 59 | 0 | 59 | 7500.39 | 665 |
| Jul 2021 | 117 | 118 | 1 | 75 | 0 | 75 | 7505.33 | 706 |
| Aug 2021 | 63 | 74 | 1 | 78 | 0 | 78 | 7504.75 | 701 |
| Sep 2021 | 38 | 49 | 1 | 88 | 0 | 88 | 7499.91 | 661 |
| WY 2021 | 954 | 947 | 8 | 601 | 357 | 958 | | |

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

October 2019 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir



| Date | Unreg Inflow (1000 Ac-Ft) | Blue Mesa Release (1000 Ac-Ft) | Side Inflow (1000 Ac-Ft) | Total Inflow (1000 Ac-Ft) | Power Release (1000 Ac-Ft) | Bypass Release (1000 Ac-Ft) | Total Release (1000 Ac-Ft) | Reservoir Elev End of Month (Ft) | Live Storage (1000 Ac-Ft) |
|----------------|---------------------------|--------------------------------|--------------------------|---------------------------|----------------------------|-----------------------------|----------------------------|----------------------------------|---------------------------|
| * Oct 2018 | 24 | 56 | 1 | 57 | 56 | 0 | 56 | 7136.92 | 99 |
| H Nov 2018 | 23 | 19 | 1 | 20 | 13 | 0 | 15 | 7143.47 | 104 |
| I Dec 2018 | 21 | 21 | 1 | 22 | 18 | 0 | 18 | 7147.95 | 107 |
| S Jan 2019 | 21 | 17 | 1 | 17 | 18 | 0 | 18 | 7147.00 | 107 |
| T Feb 2019 | 20 | 23 | 0 | 24 | 23 | 0 | 23 | 7147.57 | 107 |
| O Mar 2019 | 29 | 25 | 1 | 26 | 26 | 0 | 26 | 7146.90 | 107 |
| R Apr 2019 | 136 | 33 | 15 | 47 | 41 | 0 | 41 | 7155.16 | 113 |
| I May 2019 | 240 | 105 | 25 | 130 | 127 | 0 | 131 | 7154.68 | 113 |
| C Jun 2019 | 512 | 194 | 41 | 235 | 186 | 0 | 234 | 7155.10 | 113 |
| A Jul 2019 | 295 | 138 | 13 | 150 | 151 | 0 | 151 | 7154.18 | 112 |
| L Aug 2019 | 93 | 137 | 2 | 139 | 137 | 0 | 139 | 7153.99 | 112 |
| * Sep 2019 | 32 | 93 | 1 | 93 | 60 | 0 | 96 | 7151.09 | 110 |
| WY 2019 | 1446 | 859 | 102 | 961 | 858 | 0 | 949 | | |
| Oct 2019 | 39 | 86 | 1 | 87 | 85 | 0 | 85 | 7153.73 | 112 |
| Nov 2019 | 36 | 80 | 2 | 82 | 82 | 0 | 82 | 7153.73 | 112 |
| Dec 2019 | 31 | 82 | 2 | 84 | 84 | 0 | 84 | 7153.73 | 112 |
| Jan 2020 | 31 | 53 | 3 | 56 | 56 | 0 | 56 | 7153.73 | 112 |
| Feb 2020 | 28 | 51 | 3 | 54 | 54 | 0 | 54 | 7153.73 | 112 |
| Mar 2020 | 42 | 51 | 4 | 55 | 55 | 0 | 55 | 7153.73 | 112 |
| Apr 2020 | 80 | 68 | 10 | 78 | 78 | 0 | 78 | 7153.73 | 112 |
| May 2020 | 210 | 201 | 25 | 226 | 226 | 0 | 226 | 7153.73 | 112 |
| Jun 2020 | 270 | 34 | 20 | 54 | 54 | 0 | 54 | 7153.73 | 112 |
| Jul 2020 | 100 | 71 | 5 | 76 | 76 | 0 | 76 | 7153.73 | 112 |
| Aug 2020 | 54 | 77 | 3 | 80 | 80 | 0 | 80 | 7153.73 | 112 |
| Sep 2020 | 39 | 77 | 2 | 79 | 79 | 0 | 79 | 7153.73 | 112 |
| WY 2020 | 960 | 932 | 80 | 1012 | 1010 | 0 | 1010 | | |
| Oct 2020 | 40 | 75 | 2 | 77 | 77 | 0 | 77 | 7153.73 | 112 |
| Nov 2020 | 33 | 49 | 2 | 51 | 51 | 0 | 51 | 7153.73 | 112 |
| Dec 2020 | 28 | 79 | 2 | 81 | 81 | 0 | 81 | 7153.73 | 112 |
| Jan 2021 | 27 | 49 | 2 | 51 | 51 | 0 | 51 | 7153.73 | 112 |
| Feb 2021 | 25 | 43 | 3 | 46 | 46 | 0 | 46 | 7153.73 | 112 |
| Mar 2021 | 40 | 52 | 4 | 56 | 56 | 0 | 56 | 7153.73 | 112 |
| Apr 2021 | 88 | 80 | 11 | 91 | 91 | 0 | 91 | 7153.73 | 112 |
| May 2021 | 247 | 231 | 26 | 257 | 257 | 0 | 257 | 7153.73 | 112 |
| Jun 2021 | 281 | 59 | 20 | 79 | 79 | 0 | 79 | 7153.73 | 112 |
| Jul 2021 | 123 | 75 | 6 | 81 | 81 | 0 | 81 | 7153.73 | 112 |
| Aug 2021 | 67 | 78 | 3 | 81 | 81 | 0 | 81 | 7153.73 | 112 |
| Sep 2021 | 41 | 88 | 3 | 91 | 91 | 0 | 91 | 7153.73 | 112 |
| WY 2021 | 1039 | 958 | 84 | 1043 | 1043 | 0 | 1043 | | |

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



October 2019 24-Month Study

Most Probable Inflow*

Crystal Reservoir



| | 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) |
| * Oct 2018 | 27 | 56 | 3 | 59 | 55 | 0 | 55 | 6751.87 | 17 | 33 | 24 |
| H Nov 2018 | 26 | 15 | 4 | 19 | 21 | 0 | 21 | 6743.11 | 14 | 1 | 19 |
| I Dec 2018 | 25 | 18 | 4 | 22 | 21 | 0 | 22 | 6745.32 | 15 | 0 | 20 |
| S Jan 2019 | 25 | 18 | 4 | 22 | 19 | 3 | 22 | 6746.57 | 15 | 1 | 20 |
| T Feb 2019 | 24 | 23 | 3 | 27 | 9 | 17 | 26 | 6748.26 | 16 | 1 | 25 |
| O Mar 2019 | 34 | 26 | 5 | 32 | 30 | 0 | 30 | 6752.77 | 17 | 0 | 29 |
| R Apr 2019 | 150 | 41 | 15 | 55 | 55 | 0 | 55 | 6753.29 | 17 | 26 | 29 |
| I May 2019 | 264 | 131 | 24 | 155 | 108 | 31 | 153 | 6759.30 | 19 | 47 | 105 |
| C Jun 2019 | 558 | 234 | 46 | 280 | 115 | 73 | 282 | 6753.12 | 17 | 51 | 231 |
| A Jul 2019 | 321 | 151 | 26 | 177 | 121 | 57 | 178 | 6746.79 | 15 | 59 | 124 |
| L Aug 2019 | 98 | 139 | 5 | 144 | 119 | 28 | 147 | 6733.35 | 12 | 64 | 88 |
| * Sep 2019 | 36 | 96 | 4 | 99 | 94 | 0 | 95 | 6750.61 | 16 | 61 | 36 |
| WY 2019 | 1587 | 949 | 142 | 1091 | 768 | 210 | 1087 | | | 344 | 750 |
| Oct 2019 | 43 | 85 | 4 | 89 | 88 | 0 | 88 | 6753.04 | 17 | 30 | 58 |
| Nov 2019 | 40 | 82 | 4 | 86 | 86 | 0 | 86 | 6753.04 | 17 | 0 | 86 |
| Dec 2019 | 36 | 84 | 5 | 89 | 89 | 0 | 89 | 6753.04 | 17 | 0 | 89 |
| Jan 2020 | 37 | 56 | 6 | 62 | 62 | 0 | 62 | 6753.04 | 17 | 0 | 62 |
| Feb 2020 | 32 | 54 | 4 | 58 | 58 | 0 | 58 | 6753.04 | 17 | 0 | 58 |
| Mar 2020 | 48 | 55 | 6 | 61 | 61 | 0 | 61 | 6753.04 | 17 | 5 | 56 |
| Apr 2020 | 91 | 78 | 11 | 89 | 89 | 0 | 89 | 6753.04 | 17 | 42 | 47 |
| May 2020 | 240 | 226 | 30 | 256 | 134 | 122 | 256 | 6753.04 | 17 | 62 | 194 |
| Jun 2020 | 300 | 54 | 30 | 84 | 84 | 0 | 84 | 6753.04 | 17 | 61 | 23 |
| Jul 2020 | 110 | 76 | 10 | 86 | 86 | 0 | 86 | 6753.04 | 17 | 65 | 21 |
| Aug 2020 | 60 | 80 | 6 | 86 | 86 | 0 | 86 | 6753.04 | 17 | 65 | 21 |
| Sep 2020 | 43 | 79 | 4 | 83 | 83 | 0 | 83 | 6753.04 | 17 | 55 | 28 |
| WY 2020 | 1080 | 1010 | 120 | 1130 | 1007 | 122 | 1129 | | | 385 | 744 |
| Oct 2020 | 44 | 77 | 5 | 82 | 82 | 0 | 82 | 6753.04 | 17 | 30 | 52 |
| Nov 2020 | 37 | 51 | 4 | 55 | 55 | 0 | 55 | 6753.04 | 17 | 0 | 55 |
| Dec 2020 | 32 | 81 | 5 | 86 | 86 | 0 | 86 | 6753.04 | 17 | 0 | 86 |
| Jan 2021 | 31 | 51 | 5 | 56 | 56 | 0 | 56 | 6753.04 | 17 | 0 | 56 |
| Feb 2021 | 29 | 46 | 4 | 50 | 50 | 0 | 50 | 6753.04 | 17 | 0 | 50 |
| Mar 2021 | 46 | 56 | 6 | 62 | 62 | 0 | 62 | 6753.04 | 17 | 5 | 57 |
| Apr 2021 | 101 | 91 | 12 | 103 | 103 | 0 | 103 | 6753.04 | 17 | 42 | 61 |
| May 2021 | 281 | 257 | 34 | 291 | 134 | 157 | 291 | 6753.04 | 17 | 62 | 229 |
| Jun 2021 | 315 | 79 | 34 | 113 | 113 | 0 | 113 | 6753.04 | 17 | 61 | 52 |
| Jul 2021 | 138 | 81 | 14 | 96 | 96 | 0 | 96 | 6753.04 | 17 | 65 | 31 |
| Aug 2021 | 75 | 81 | 8 | 89 | 89 | 0 | 89 | 6753.04 | 17 | 65 | 24 |
| Sep 2021 | 47 | 91 | 6 | 97 | 97 | 0 | 97 | 6753.04 | 17 | 55 | 42 |
| WY 2021 | 1176 | 1043 | 138 | 1180 | 1023 | 157 | 1180 | | | 385 | 795 |

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



| | Regulated Inflow | Total Release | Reservoir Elev End of Month | Live Storage |
|----------------|-------------------------|----------------------|------------------------------------|---------------------|
| Date | (1000 Ac-Ft) | (1000 Ac-Ft) | (Ft) | (1000 Ac-Ft) |
| * Oct 2018 | 9 | 3 | 7617.56 | 26 |
| H Nov 2018 | 5 | 0 | 7621.25 | 31 |
| I Dec 2018 | 3 | 0 | 7623.31 | 34 |
| S Jan 2019 | 4 | 0 | 7625.50 | 37 |
| T Feb 2019 | 4 | 0 | 7627.67 | 41 |
| O Mar 2019 | 6 | 6 | 7627.39 | 40 |
| R Apr 2019 | 32 | 25 | 7631.32 | 47 |
| I May 2019 | 58 | 41 | 7640.08 | 64 |
| C Jun 2019 | 160 | 101 | 7664.36 | 124 |
| A Jul 2019 | 69 | 68 | 7664.45 | 124 |
| L Aug 2019 | 20 | 38 | 7657.21 | 105 |
| * Sep 2019 | 8 | 33 | 7646.82 | 79 |
| <hr/> | | | | |
| WY 2019 | 378 | 316 | | |
| Oct 2019 | 9 | 17 | 7643.15 | 71 |
| Nov 2019 | 8 | 2 | 7645.55 | 77 |
| Dec 2019 | 7 | 2 | 7647.53 | 81 |
| Jan 2020 | 6 | 2 | 7649.26 | 85 |
| Feb 2020 | 6 | 2 | 7651.00 | 90 |
| Mar 2020 | 7 | 2 | 7652.82 | 94 |
| Apr 2020 | 15 | 2 | 7657.93 | 107 |
| May 2020 | 50 | 31 | 7664.83 | 125 |
| Jun 2020 | 60 | 61 | 7664.12 | 123 |
| Jul 2020 | 27 | 41 | 7658.42 | 108 |
| Aug 2020 | 17 | 38 | 7649.94 | 87 |
| Sep 2020 | 14 | 29 | 7643.20 | 71 |
| <hr/> | | | | |
| WY 2020 | 225 | 230 | | |
| Oct 2020 | 14 | 16 | 7641.80 | 68 |
| Nov 2020 | 8 | 2 | 7644.34 | 74 |
| Dec 2020 | 6 | 2 | 7646.28 | 78 |
| Jan 2021 | 5 | 2 | 7647.77 | 82 |
| Feb 2021 | 5 | 2 | 7649.03 | 85 |
| Mar 2021 | 9 | 2 | 7651.75 | 91 |
| Apr 2021 | 23 | 2 | 7660.12 | 113 |
| May 2021 | 71 | 61 | 7663.85 | 123 |
| Jun 2021 | 70 | 70 | 7663.67 | 122 |
| Jul 2021 | 29 | 42 | 7658.70 | 109 |
| Aug 2021 | 20 | 38 | 7651.35 | 90 |
| Sep 2021 | 17 | 29 | 7646.40 | 79 |
| <hr/> | | | | |
| WY 2021 | 278 | 267 | | |

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



October 2019 24-Month Study

Most Probable Inflow*
Navajo Reservoir



| | Mod Unreg Inflow Date | Azetea 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) | |
|----------------|-----------------------------|--------------------------------------|-------------------------------|--------------------------------|-----------------------------------|----------------------------------|--|---------------------------------|------------------------------------|-------------|
| * | Oct 2018 | 23 | 1 | 17 | 1 | 7 | 31 | 6018.35 | 897 | 40 |
| H | Nov 2018 | 15 | 0 | 10 | 1 | 0 | 18 | 6017.43 | 888 | 34 |
| I | Dec 2018 | 12 | 0 | 9 | 0 | 0 | 18 | 6016.39 | 879 | 30 |
| S | Jan 2019 | 13 | 0 | 10 | 0 | 0 | 19 | 6015.33 | 869 | 31 |
| T | Feb 2019 | 17 | 0 | 14 | 1 | 1 | 16 | 6014.90 | 865 | 37 |
| O | Mar 2019 | 114 | 1 | 113 | 1 | 4 | 18 | 6024.61 | 955 | 62 |
| R | Apr 2019 | 230 | 24 | 203 | 2 | 20 | 20 | 6040.36 | 1117 | 102 |
| I | May 2019 | 270 | 34 | 215 | 3 | 25 | 25 | 6054.45 | 1279 | 139 |
| C | Jun 2019 | 491 | 57 | 376 | 4 | 36 | 114 | 6071.44 | 1501 | 385 |
| A | Jul 2019 | 171 | 26 | 141 | 5 | 47 | 59 | 6073.56 | 1531 | 228 |
| L | Aug 2019 | 40 | 6 | 52 | 4 | 42 | 78 | 6068.40 | 1459 | 104 |
| * | Sep 2019 | 3 | 0 | 29 | 3 | 29 | 67 | 6063.13 | 1388 | 71 |
| WY 2019 | | 1400 | 150 | 1188 | 26 | 211 | 483 | | | 1263 |
| | Oct 2019 | 18 | 0 | 26 | 2 | 10 | 32 | 6061.78 | 1371 | 51 |
| | Nov 2019 | 25 | 0 | 19 | 1 | 0 | 31 | 6060.81 | 1358 | 50 |
| | Dec 2019 | 24 | 0 | 19 | 1 | 0 | 31 | 6059.86 | 1346 | 47 |
| | Jan 2020 | 22 | 0 | 18 | 1 | 0 | 22 | 6059.45 | 1341 | 37 |
| | Feb 2020 | 29 | 0 | 25 | 1 | 0 | 20 | 6059.73 | 1344 | 34 |
| | Mar 2020 | 65 | 5 | 56 | 2 | 6 | 30 | 6061.15 | 1362 | 51 |
| | Apr 2020 | 120 | 13 | 94 | 3 | 21 | 30 | 6064.22 | 1402 | 70 |
| | May 2020 | 220 | 28 | 173 | 4 | 36 | 31 | 6071.74 | 1505 | 151 |
| | Jun 2020 | 180 | 22 | 159 | 5 | 53 | 30 | 6076.74 | 1577 | 155 |
| | Jul 2020 | 40 | 1 | 53 | 5 | 57 | 35 | 6073.71 | 1533 | 87 |
| | Aug 2020 | 33 | 1 | 53 | 4 | 48 | 52 | 6070.09 | 1482 | 85 |
| | Sep 2020 | 34 | 1 | 48 | 3 | 26 | 113 | 6063.12 | 1388 | 139 |
| WY 2020 | | 810 | 71 | 743 | 29 | 256 | 458 | | | 958 |
| | Oct 2020 | 40 | 2 | 41 | 2 | 9 | 31 | 6063.08 | 1387 | 55 |
| | Nov 2020 | 31 | 0 | 25 | 1 | 0 | 30 | 6062.65 | 1382 | 47 |
| | Dec 2020 | 25 | 0 | 21 | 1 | 0 | 31 | 6061.81 | 1371 | 46 |
| | Jan 2021 | 22 | 0 | 18 | 1 | 0 | 31 | 6060.80 | 1358 | 44 |
| | Feb 2021 | 30 | 0 | 27 | 1 | 0 | 28 | 6060.65 | 1356 | 40 |
| | Mar 2021 | 92 | 9 | 77 | 2 | 6 | 31 | 6063.65 | 1395 | 53 |
| | Apr 2021 | 170 | 21 | 128 | 3 | 22 | 30 | 6069.17 | 1469 | 82 |
| | May 2021 | 277 | 37 | 230 | 4 | 37 | 187 | 6069.37 | 1472 | 333 |
| | Jun 2021 | 224 | 29 | 195 | 4 | 53 | 277 | 6058.75 | 1332 | 428 |
| | Jul 2021 | 66 | 5 | 74 | 4 | 57 | 47 | 6055.96 | 1297 | 114 |
| | Aug 2021 | 45 | 2 | 61 | 3 | 48 | 31 | 6054.22 | 1276 | 69 |
| | Sep 2021 | 43 | 2 | 53 | 3 | 26 | 30 | 6053.76 | 1270 | 62 |
| WY 2021 | | 1066 | 106 | 949 | 28 | 258 | 781 | | | 1375 |

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



October 2019 24-Month Study

Most Probable Inflow*

Lake Powell



| | Unreg Inflow | Regulated Inflow | Evap Losses | PowerPlant Release | Bypass Release | Total Release | Reservoir Elev End of Month | Bank Storage | EOM Storage | Lees Ferry Gage |
|----------------|--------------|------------------|--------------|--------------------|----------------|---------------|-----------------------------|--------------|--------------|-----------------|
| Date | (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) |
| * Oct 2018 | 351 | 477 | 30 | 625 | 0 | 625 | 3590.46 | 4923 | 10862 | 650 |
| H Nov 2018 | 254 | 307 | 29 | 585 | 77 | 662 | 3586.50 | 4894 | 10507 | 669 |
| I Dec 2018 | 228 | 322 | 22 | 740 | 0 | 740 | 3581.85 | 4862 | 10099 | 744 |
| S Jan 2019 | 212 | 303 | 7 | 804 | 0 | 804 | 3576.34 | 4824 | 9629 | 815 |
| T Feb 2019 | 255 | 339 | 7 | 730 | 0 | 730 | 3571.89 | 4795 | 9261 | 741 |
| O Mar 2019 | 625 | 574 | 11 | 791 | 0 | 791 | 3569.28 | 4778 | 9049 | 798 |
| R Apr 2019 | 1242 | 899 | 18 | 720 | 0 | 720 | 3571.12 | 4790 | 9198 | 734 |
| I May 2019 | 2511 | 1980 | 23 | 720 | 0 | 720 | 3584.65 | 4881 | 10343 | 752 |
| C Jun 2019 | 4206 | 3583 | 41 | 765 | 0 | 765 | 3611.82 | 5087 | 12914 | 807 |
| A Jul 2019 | 2451 | 2015 | 57 | 857 | 0 | 857 | 3621.60 | 5168 | 13933 | 900 |
| L Aug 2019 | 472 | 608 | 58 | 900 | 0 | 900 | 3618.55 | 5143 | 13610 | 943 |
| * Sep 2019 | 143 | 379 | 52 | 687 | 0 | 687 | 3615.36 | 5116 | 13277 | 717 |
| WY 2019 | 12951 | 11787 | 356 | 8924 | 77 | 9001 | | | | 9270 |
| Oct 2019 | 380 | 472 | 36 | 625 | 0 | 625 | 3613.66 | 5102 | 13102 | 635 |
| Nov 2019 | 440 | 502 | 34 | 625 | 0 | 625 | 3612.24 | 5090 | 12957 | 626 |
| Dec 2019 | 380 | 514 | 27 | 750 | 0 | 750 | 3609.83 | 5071 | 12713 | 756 |
| Jan 2020 | 400 | 522 | 8 | 760 | 0 | 760 | 3607.55 | 5053 | 12485 | 771 |
| Feb 2020 | 425 | 528 | 9 | 675 | 0 | 675 | 3606.09 | 5041 | 12341 | 684 |
| Mar 2020 | 590 | 641 | 15 | 700 | 0 | 700 | 3605.40 | 5035 | 12273 | 714 |
| Apr 2020 | 860 | 760 | 24 | 630 | 0 | 630 | 3606.39 | 5043 | 12371 | 645 |
| May 2020 | 1850 | 1590 | 29 | 630 | 0 | 630 | 3614.93 | 5112 | 13233 | 641 |
| Jun 2020 | 2500 | 2077 | 48 | 650 | 0 | 650 | 3626.91 | 5214 | 14509 | 661 |
| Jul 2020 | 870 | 788 | 60 | 750 | 0 | 750 | 3626.72 | 5213 | 14488 | 769 |
| Aug 2020 | 425 | 553 | 60 | 835 | 0 | 835 | 3623.82 | 5187 | 14172 | 852 |
| Sep 2020 | 380 | 579 | 54 | 600 | 0 | 600 | 3623.17 | 5182 | 14102 | 614 |
| WY 2020 | 9500 | 9525 | 404 | 8230 | 0 | 8230 | | | | 8368 |
| Oct 2020 | 489 | 542 | 38 | 640 | 0 | 640 | 3622.00 | 5172 | 13977 | 650 |
| Nov 2020 | 462 | 488 | 36 | 640 | 0 | 640 | 3620.37 | 5158 | 13802 | 641 |
| Dec 2020 | 363 | 492 | 28 | 720 | 0 | 720 | 3618.12 | 5139 | 13565 | 726 |
| Jan 2021 | 361 | 481 | 9 | 860 | 0 | 860 | 3614.67 | 5110 | 13206 | 871 |
| Feb 2021 | 393 | 481 | 9 | 750 | 0 | 750 | 3612.15 | 5090 | 12948 | 759 |
| Mar 2021 | 665 | 639 | 16 | 800 | 0 | 800 | 3610.54 | 5077 | 12785 | 814 |
| Apr 2021 | 1056 | 931 | 25 | 710 | 0 | 710 | 3612.33 | 5091 | 12967 | 725 |
| May 2021 | 2343 | 2185 | 31 | 710 | 0 | 710 | 3625.03 | 5198 | 14304 | 721 |
| Jun 2021 | 2666 | 2419 | 52 | 750 | 0 | 750 | 3638.29 | 5318 | 15802 | 761 |
| Jul 2021 | 1091 | 970 | 65 | 850 | 0 | 850 | 3638.72 | 5322 | 15852 | 869 |
| Aug 2021 | 500 | 575 | 65 | 900 | 0 | 900 | 3635.62 | 5293 | 15491 | 917 |
| Sep 2021 | 408 | 528 | 59 | 670 | 0 | 670 | 3634.00 | 5278 | 15305 | 684 |
| WY 2021 | 10796 | 10731 | 432 | 9000 | 0 | 9000 | | | | 9138 |

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

October 2019 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead



| 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) |
|----------------|---------------------------|---|--------------------------|----------------------------|--------------------------|-----------------------|--------------------------------------|---------------------------|----------------------------------|--------------------------|
| * Oct 2018 | 625 | 100 | 42 | 641 | 10.4 | 23 | 634 | 643 | 1078.52 | 9889 |
| H Nov 2018 | 662 | 67 | 42 | 690 | 11.6 | 16 | 689 | 642 | 1078.32 | 9872 |
| I Dec 2018 | 740 | 52 | 36 | 468 | 7.6 | 11 | 467 | 659 | 1081.46 | 10132 |
| S Jan 2019 | 804 | 106 | 30 | 487 | 7.9 | 8 | 486 | 682 | 1085.75 | 10493 |
| T Feb 2019 | 730 | 126 | 28 | 621 | 11.2 | 6 | 620 | 694 | 1087.97 | 10682 |
| O Mar 2019 | 791 | 200 | 32 | 738 | 12.0 | 13 | 737 | 707 | 1090.24 | 10878 |
| R Apr 2019 | 720 | 118 | 39 | 902 | 15.2 | 15 | 900 | 700 | 1088.95 | 10767 |
| I May 2019 | 720 | 108 | 45 | 989 | 16.1 | 18 | 988 | 686 | 1086.48 | 10555 |
| C Jun 2019 | 765 | 69 | 54 | 912 | 15.3 | 27 | 911 | 676 | 1084.71 | 10405 |
| A Jul 2019 | 857 | 19 | 67 | 946 | 15.4 | 32 | 946 | 666 | 1082.82 | 10246 |
| L Aug 2019 | 900 | 65 | 71 | 802 | 13.0 | 36 | 801 | 669 | 1083.45 | 10299 |
| * Sep 2019 | 687 | 60 | 59 | 696 | 11.7 | 32 | 689 | 667 | 1083.00 | 10261 |
| WY 2019 | 9001 | 1090 | 547 | 8892 | | 237 | 8868 | | | |
| Oct 2019 | 625 | 82 | 43 | 609 | 9.9 | 17 | 609 | 669 | 1083.42 | 10297 |
| Nov 2019 | 625 | 54 | 43 | 568 | 9.5 | 9 | 568 | 673 | 1084.09 | 10353 |
| Dec 2019 | 750 | 51 | 37 | 352 | 5.7 | 5 | 352 | 698 | 1088.59 | 10736 |
| Jan 2020 | 760 | 83 | 31 | 535 | 8.7 | 9 | 535 | 714 | 1091.50 | 10987 |
| Feb 2020 | 675 | 91 | 29 | 615 | 10.7 | 8 | 615 | 721 | 1092.73 | 11094 |
| Mar 2020 | 700 | 57 | 32 | 945 | 15.4 | 18 | 945 | 707 | 1090.16 | 10871 |
| Apr 2020 | 630 | 49 | 39 | 1018 | 17.1 | 22 | 1018 | 682 | 1085.77 | 10495 |
| May 2020 | 630 | 30 | 45 | 963 | 15.7 | 31 | 963 | 659 | 1081.54 | 10139 |
| Jun 2020 | 650 | 17 | 53 | 937 | 15.7 | 31 | 937 | 637 | 1077.52 | 9807 |
| Jul 2020 | 750 | 80 | 65 | 806 | 13.1 | 34 | 806 | 633 | 1076.65 | 9735 |
| Aug 2020 | 835 | 100 | 70 | 754 | 12.3 | 31 | 754 | 638 | 1077.57 | 9811 |
| Sep 2020 | 600 | 91 | 57 | 688 | 11.6 | 24 | 688 | 633 | 1076.67 | 9737 |
| WY 2020 | 8230 | 784 | 544 | 8788 | | 240 | 8788 | | | |
| Oct 2020 | 640 | 82 | 42 | 492 | 8.0 | 26 | 492 | 643 | 1078.52 | 9889 |
| Nov 2020 | 640 | 54 | 42 | 609 | 10.2 | 18 | 609 | 644 | 1078.81 | 9912 |
| Dec 2020 | 720 | 51 | 36 | 506 | 8.2 | 14 | 506 | 657 | 1081.25 | 10115 |
| Jan 2021 | 860 | 83 | 30 | 565 | 9.2 | 9 | 565 | 678 | 1085.03 | 10432 |
| Feb 2021 | 750 | 91 | 28 | 647 | 11.7 | 9 | 647 | 688 | 1086.77 | 10580 |
| Mar 2021 | 800 | 57 | 31 | 967 | 15.7 | 18 | 967 | 678 | 1085.00 | 10429 |
| Apr 2021 | 710 | 49 | 39 | 1042 | 17.5 | 23 | 1042 | 657 | 1081.15 | 10106 |
| May 2021 | 710 | 30 | 44 | 985 | 16.0 | 32 | 985 | 637 | 1077.51 | 9806 |
| Jun 2021 | 750 | 17 | 52 | 922 | 15.5 | 32 | 922 | 623 | 1074.76 | 9582 |
| Jul 2021 | 850 | 80 | 65 | 831 | 13.5 | 34 | 831 | 623 | 1074.75 | 9581 |
| Aug 2021 | 900 | 100 | 69 | 736 | 12.0 | 32 | 736 | 633 | 1076.64 | 9734 |
| Sep 2021 | 670 | 91 | 57 | 704 | 11.8 | 25 | 704 | 631 | 1076.35 | 9711 |
| WY 2021 | 9000 | 784 | 536 | 9006 | | 271 | 9006 | | | |

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

October 2019 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave



| 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) |
|----------------|-----------------------------|--------------------------|--------------------------|----------------------------|----------------------------|----------------------------|--------------------------|----------------------------------|--------------------------|
| * Oct 2018 | 641 | -11 | 15 | 635 | 0 | 635 | 10.3 | 637.08 | 1540 |
| H Nov 2018 | 690 | -28 | 11 | 610 | 0 | 610 | 10.3 | 638.62 | 1581 |
| I Dec 2018 | 468 | -14 | 9 | 386 | 0 | 386 | 6.3 | 640.79 | 1639 |
| S Jan 2019 | 487 | -29 | 10 | 418 | 0 | 418 | 6.8 | 641.89 | 1668 |
| T Feb 2019 | 621 | -6 | 10 | 569 | 0 | 569 | 10.2 | 643.20 | 1704 |
| O Mar 2019 | 738 | 7 | 13 | 749 | 0 | 749 | 12.2 | 642.57 | 1687 |
| R Apr 2019 | 902 | 0 | 17 | 886 | 0 | 886 | 14.9 | 642.52 | 1686 |
| I May 2019 | 989 | -9 | 22 | 937 | 0 | 937 | 15.2 | 643.32 | 1707 |
| C Jun 2019 | 912 | -12 | 25 | 886 | 0 | 886 | 14.9 | 642.89 | 1696 |
| A Jul 2019 | 946 | -11 | 25 | 895 | 0 | 894 | 14.5 | 643.48 | 1712 |
| L Aug 2019 | 802 | -11 | 23 | 800 | 0 | 800 | 13.0 | 642.31 | 1680 |
| * Sep 2019 | 696 | -17 | 18 | 767 | 0 | 767 | 12.9 | 638.35 | 1573 |
| WY 2019 | 8892 | -142 | 198 | 8538 | 0 | 8539 | | | |
| Oct 2019 | 609 | -4 | 15 | 600 | 0 | 600 | 9.8 | 638.00 | 1564 |
| Nov 2019 | 568 | -19 | 11 | 511 | 0 | 511 | 8.6 | 639.01 | 1591 |
| Dec 2019 | 352 | -12 | 9 | 338 | 0 | 338 | 5.5 | 638.70 | 1583 |
| Jan 2020 | 535 | -16 | 10 | 426 | 0 | 426 | 6.9 | 641.80 | 1666 |
| Feb 2020 | 615 | -13 | 10 | 591 | 0 | 591 | 10.3 | 641.80 | 1666 |
| Mar 2020 | 945 | -15 | 13 | 882 | 0 | 882 | 14.3 | 643.05 | 1700 |
| Apr 2020 | 1018 | -17 | 17 | 986 | 0 | 986 | 16.6 | 643.00 | 1699 |
| May 2020 | 963 | -11 | 22 | 929 | 0 | 929 | 15.1 | 643.00 | 1699 |
| Jun 2020 | 937 | -16 | 25 | 895 | 0 | 895 | 15.0 | 643.00 | 1699 |
| Jul 2020 | 806 | -12 | 25 | 797 | 0 | 797 | 13.0 | 642.00 | 1671 |
| Aug 2020 | 754 | -11 | 23 | 720 | 0 | 720 | 11.7 | 642.00 | 1671 |
| Sep 2020 | 688 | -12 | 18 | 712 | 0 | 712 | 12.0 | 640.01 | 1618 |
| WY 2020 | 8788 | -159 | 198 | 8387 | 0 | 8387 | | | |
| Oct 2020 | 492 | -4 | 15 | 657 | 0 | 657 | 10.7 | 633.00 | 1434 |
| Nov 2020 | 609 | -19 | 10 | 528 | 0 | 528 | 8.9 | 635.00 | 1486 |
| Dec 2020 | 506 | -12 | 9 | 387 | 0 | 387 | 6.3 | 638.71 | 1583 |
| Jan 2021 | 565 | -16 | 10 | 456 | 0 | 456 | 7.4 | 641.80 | 1666 |
| Feb 2021 | 647 | -13 | 10 | 624 | 0 | 624 | 11.2 | 641.80 | 1666 |
| Mar 2021 | 967 | -15 | 13 | 905 | 0 | 905 | 14.7 | 643.05 | 1700 |
| Apr 2021 | 1042 | -17 | 17 | 1010 | 0 | 1010 | 17.0 | 643.00 | 1699 |
| May 2021 | 985 | -11 | 22 | 951 | 0 | 951 | 15.5 | 643.00 | 1699 |
| Jun 2021 | 922 | -16 | 25 | 880 | 0 | 880 | 14.8 | 643.00 | 1699 |
| Jul 2021 | 831 | -12 | 25 | 822 | 0 | 822 | 13.4 | 642.00 | 1671 |
| Aug 2021 | 736 | -11 | 23 | 702 | 0 | 702 | 11.4 | 642.00 | 1671 |
| Sep 2021 | 704 | -12 | 18 | 728 | 0 | 728 | 12.2 | 640.01 | 1618 |
| WY 2021 | 9006 | -159 | 197 | 8649 | 0 | 8649 | | | |

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

October 2019 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu



| 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) |
|----------------|-------------------------------|-----------------------------|-----------------------------|-------------------------------|-----------------------------|-------------------------------|-------------------------------|--|-----------------------------|--------------------------------|------------------------------|
| * Oct 2018 | 635 | 23 | 12 | 394 | 6.4 | 86 | 176 | 448.12 | 582 | 68 | 1.1 |
| H Nov 2018 | 610 | 16 | 9 | 357 | 6.0 | 85 | 173 | 447.99 | 580 | 97 | 1.6 |
| I Dec 2018 | 386 | 26 | 7 | 218 | 3.5 | 70 | 143 | 446.53 | 552 | 105 | 1.7 |
| S Jan 2019 | 418 | 19 | 6 | 250 | 4.1 | 87 | 91 | 446.58 | 553 | 122 | 2.0 |
| T Feb 2019 | 569 | 13 | 8 | 372 | 6.7 | 31 | 151 | 447.53 | 571 | 143 | 2.6 |
| O Mar 2019 | 749 | -5 | 9 | 630 | 10.2 | 11 | 83 | 447.86 | 577 | 185 | 3.0 |
| R Apr 2019 | 886 | 6 | 11 | 712 | 12.0 | 28 | 144 | 447.29 | 567 | 170 | 2.9 |
| I May 2019 | 937 | 8 | 13 | 693 | 11.3 | 51 | 154 | 448.62 | 592 | 128 | 2.1 |
| C Jun 2019 | 886 | 11 | 15 | 717 | 12.0 | 53 | 104 | 448.47 | 589 | 138 | 2.3 |
| A Jul 2019 | 894 | 15 | 17 | 739 | 12.0 | 59 | 92 | 448.12 | 582 | 146 | 2.4 |
| L Aug 2019 | 800 | 15 | 17 | 636 | 10.3 | 67 | 102 | 447.22 | 565 | 111 | 1.8 |
| * Sep 2019 | 767 | 26 | 15 | 514 | 8.6 | 61 | 160 | 449.03 | 600 | 103 | 1.7 |
| WY 2019 | 8539 | 174 | 140 | 6231 | | 690 | 1571 | | | 1516 | |
| Oct 2019 | 600 | 24 | 12 | 449 | 7.3 | 42 | 142 | 447.50 | 571 | 63 | 1.0 |
| Nov 2019 | 511 | 14 | 9 | 375 | 6.3 | 14 | 122 | 447.50 | 571 | 88 | 1.5 |
| Dec 2019 | 338 | 22 | 7 | 291 | 4.7 | 14 | 62 | 446.50 | 552 | 83 | 1.4 |
| Jan 2020 | 426 | 18 | 6 | 262 | 4.3 | 95 | 77 | 446.50 | 552 | 122 | 2.0 |
| Feb 2020 | 591 | 11 | 8 | 431 | 7.5 | 85 | 72 | 446.50 | 552 | 148 | 2.6 |
| Mar 2020 | 882 | 5 | 9 | 705 | 11.5 | 18 | 143 | 446.70 | 555 | 186 | 3.0 |
| Apr 2020 | 986 | 12 | 11 | 728 | 12.2 | 74 | 137 | 448.70 | 593 | 172 | 2.9 |
| May 2020 | 929 | 13 | 13 | 695 | 11.3 | 77 | 145 | 448.70 | 593 | 116 | 1.9 |
| Jun 2020 | 895 | 11 | 16 | 718 | 12.1 | 74 | 84 | 448.70 | 593 | 124 | 2.1 |
| Jul 2020 | 797 | 19 | 17 | 677 | 11.0 | 77 | 45 | 448.00 | 580 | 131 | 2.1 |
| Aug 2020 | 720 | 20 | 17 | 599 | 9.7 | 77 | 45 | 447.50 | 571 | 102 | 1.7 |
| Sep 2020 | 712 | 14 | 15 | 508 | 8.5 | 74 | 118 | 447.50 | 570 | 93 | 1.6 |
| WY 2020 | 8387 | 182 | 139 | 6439 | | 720 | 1193 | | | 1428 | |
| Oct 2020 | 657 | 24 | 12 | 486 | 7.9 | 30 | 145 | 447.50 | 571 | 63 | 1.0 |
| Nov 2020 | 528 | 14 | 9 | 359 | 6.0 | 29 | 140 | 447.50 | 571 | 96 | 1.6 |
| Dec 2020 | 387 | 22 | 7 | 310 | 5.0 | 30 | 75 | 446.50 | 552 | 106 | 1.7 |
| Jan 2021 | 456 | 18 | 6 | 262 | 4.3 | 100 | 102 | 446.50 | 552 | 122 | 2.0 |
| Feb 2021 | 624 | 11 | 8 | 430 | 7.7 | 90 | 100 | 446.50 | 552 | 148 | 2.7 |
| Mar 2021 | 905 | 5 | 9 | 704 | 11.4 | 23 | 161 | 446.70 | 555 | 186 | 3.0 |
| Apr 2021 | 1010 | 12 | 11 | 726 | 12.2 | 80 | 156 | 448.70 | 593 | 172 | 2.9 |
| May 2021 | 951 | 13 | 13 | 694 | 11.3 | 83 | 161 | 448.70 | 593 | 116 | 1.9 |
| Jun 2021 | 880 | 11 | 16 | 717 | 12.0 | 80 | 65 | 448.70 | 593 | 124 | 2.1 |
| Jul 2021 | 822 | 19 | 17 | 676 | 11.0 | 83 | 65 | 448.00 | 580 | 131 | 2.1 |
| Aug 2021 | 702 | 20 | 17 | 598 | 9.7 | 83 | 22 | 447.50 | 571 | 102 | 1.7 |
| Sep 2021 | 728 | 14 | 15 | 508 | 8.5 | 80 | 129 | 447.50 | 570 | 93 | 1.6 |
| WY 2021 | 8649 | 182 | 139 | 6470 | | 793 | 1322 | | | 1459 | |

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



October 2019 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead



| | Power Release 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 |
|----------------|--------------------|----------------------------|--------------------------|----------------------------------|--------------------------|--------------------------------|-------------------------|------------------------|--------------------------|----------------------------|--------|
| * | Oct 2018 | 641 | 10.4 | 1078.52 | 9889 | 19 | 435.29 | 1406.1 | 247.8 | 87 | 386.7 |
| H | Nov 2018 | 690 | 11.6 | 1078.32 | 9872 | -16 | 434.47 | 755.0 | 266.1 | 49 | 385.8 |
| I | Dec 2018 | 453 | 7.6 | 1081.46 | 10132 | 260 | 438.59 | 959.9 | 179.6 | 61 | 396.6 |
| S | Jan 2019 | 487 | 7.9 | 1085.75 | 10493 | 361 | 442.10 | 1006.1 | 183.4 | 63 | 376.8 |
| T | Feb 2019 | 621 | 11.2 | 1087.97 | 10682 | 189 | 443.82 | 1119.0 | 246.4 | 70 | 396.7 |
| O | Mar 2019 | 738 | 12.0 | 1090.24 | 10878 | 195 | 444.26 | 1112.0 | 295.7 | 70 | 400.6 |
| R | Apr 2019 | 902 | 15.2 | 1088.95 | 10767 | -111 | 439.99 | 810.1 | 365.4 | 51 | 405.2 |
| I | May 2019 | 989 | 16.1 | 1086.48 | 10555 | -211 | 440.79 | 803.9 | 398.2 | 51 | 402.5 |
| C | Jun 2019 | 912 | 15.3 | 1084.71 | 10405 | -150 | 439.38 | 1591.0 | 359.0 | 100 | 393.7 |
| A | Jul 2019 | 946 | 15.4 | 1082.82 | 10246 | -159 | 435.56 | 1486.0 | 371.7 | 93 | 392.7 |
| L | Aug 2019 | 802 | 13.0 | 1083.45 | 10299 | 53 | 439.02 | 1297.0 | 313.5 | 81 | 390.9 |
| * | Sep 2019 | 696 | 11.7 | 1083.00 | 10261 | -38 | 439.88 | 1494.1 | 267.4 | 93 | 384.4 |
| WY 2019 | | 8877 | | | | | | 3494.1 | | | |
| | Oct 2019 | 609 | 9.9 | 1083.42 | 10297 | 36 | 435.60 | 1198.0 | 238.6 | 74 | 392.0 |
| | Nov 2019 | 568 | 9.5 | 1084.09 | 10353 | 56 | 435.24 | 1291.0 | 220.7 | 81 | 388.9 |
| | Dec 2019 | 352 | 5.7 | 1088.59 | 10736 | 383 | 438.28 | 1213.0 | 133.4 | 74 | 379.4 |
| | Jan 2020 | 535 | 8.7 | 1091.50 | 10987 | 251 | 441.53 | 1152.1 | 209.2 | 70 | 390.8 |
| | Feb 2020 | 615 | 10.7 | 1092.73 | 11094 | 108 | 443.92 | 948.0 | 246.5 | 57 | 401.1 |
| | Mar 2020 | 945 | 15.4 | 1090.16 | 10871 | -223 | 441.68 | 1117.0 | 384.4 | 68 | 406.9 |
| | Apr 2020 | 1018 | 17.1 | 1085.77 | 10495 | -376 | 436.03 | 1365.9 | 403.3 | 85 | 396.2 |
| | May 2020 | 963 | 15.7 | 1081.54 | 10139 | -356 | 430.80 | 1480.0 | 377.0 | 94 | 391.5 |
| | Jun 2020 | 937 | 15.7 | 1077.52 | 9807 | -332 | 426.06 | 1552.0 | 361.9 | 100 | 386.4 |
| | Jul 2020 | 806 | 13.1 | 1076.65 | 9735 | -72 | 423.96 | 1552.0 | 310.5 | 100 | 385.1 |
| | Aug 2020 | 754 | 12.3 | 1077.57 | 9811 | 76 | 424.31 | 1552.0 | 288.5 | 100 | 382.7 |
| | Sep 2020 | 688 | 11.6 | 1076.67 | 9737 | -74 | 424.97 | 1552.0 | 262.1 | 100 | 380.8 |
| WY 2020 | | 8788 | | | | | | 3436.1 | | | |
| | Oct 2020 | 492 | 8.0 | 1078.52 | 9889 | 152 | 431.20 | 1054.0 | 192.6 | 67 | 391.3 |
| | Nov 2020 | 609 | 10.2 | 1078.81 | 9912 | 24 | 434.55 | 1054.0 | 239.9 | 67 | 393.9 |
| | Dec 2020 | 506 | 8.2 | 1081.25 | 10115 | 202 | 434.02 | 1066.0 | 199.5 | 68 | 394.6 |
| | Jan 2021 | 565 | 9.2 | 1085.03 | 10432 | 318 | 434.91 | 1081.0 | 219.6 | 68 | 389.0 |
| | Feb 2021 | 647 | 11.7 | 1086.77 | 10580 | 148 | 437.38 | 978.1 | 258.3 | 61 | 399.1 |
| | Mar 2021 | 967 | 15.7 | 1085.00 | 10429 | -151 | 436.15 | 1087.0 | 390.0 | 68 | 403.1 |
| | Apr 2021 | 1042 | 17.5 | 1081.15 | 10106 | -323 | 431.17 | 1334.7 | 409.6 | 85 | 393.1 |
| | May 2021 | 985 | 16.0 | 1077.51 | 9806 | -301 | 426.51 | 1458.1 | 375.8 | 94 | 381.7 |
| | Jun 2021 | 922 | 15.5 | 1074.76 | 9582 | -224 | 422.69 | 1537.2 | 352.7 | 100 | 382.6 |
| | Jul 2021 | 831 | 13.5 | 1074.75 | 9581 | -1 | 421.65 | 1537.1 | 319.4 | 100 | 384.2 |
| | Aug 2021 | 736 | 12.0 | 1076.64 | 9734 | 154 | 422.91 | 1547.8 | 279.9 | 100 | 380.5 |
| | Sep 2021 | 704 | 11.8 | 1076.35 | 9711 | -24 | 424.35 | 1546.1 | 268.5 | 100 | 381.3 |
| WY 2021 | | 9006 | | | | | | 3506.0 | | | |

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

October 2019 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave



| 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 |
|----------------|----------------------------|--------------------------|----------------------------------|--------------------------|--------------------------------|------------------------|-----------------------|-------------------------|----------------------------|--------|
| * Oct 2018 | 635 | 10.3 | 637.08 | 1540 | -21 | 135.95 | 184.3 | 77.8 | 72 | 122.4 |
| H Nov 2018 | 610 | 10.3 | 638.62 | 1581 | 40 | 137.20 | 158.1 | 78.4 | 62 | 128.4 |
| I Dec 2018 | 386 | 6.3 | 640.79 | 1639 | 58 | 140.00 | 153.0 | 47.3 | 60 | 122.5 |
| S Jan 2019 | 418 | 6.8 | 641.89 | 1668 | 30 | 143.26 | 159.6 | 56.8 | 63 | 135.8 |
| T Feb 2019 | 569 | 10.2 | 643.20 | 1704 | 36 | 144.69 | 209.5 | 68.8 | 82 | 120.9 |
| O Mar 2019 | 749 | 12.2 | 642.57 | 1687 | -17 | 140.17 | 218.8 | 94.8 | 86 | 126.6 |
| R Apr 2019 | 886 | 14.9 | 642.52 | 1686 | -1 | 142.03 | 210.8 | 111.9 | 83 | 126.3 |
| I May 2019 | 937 | 15.2 | 643.32 | 1707 | 22 | 139.79 | 238.6 | 119.5 | 94 | 127.6 |
| C Jun 2019 | 886 | 14.9 | 642.89 | 1696 | -12 | 140.50 | 255.0 | 113.6 | 100 | 128.3 |
| A Jul 2019 | 895 | 14.5 | 643.48 | 1712 | 16 | 142.50 | 255.0 | 113.2 | 100 | 126.5 |
| L Aug 2019 | 800 | 13.0 | 642.31 | 1680 | -32 | 139.60 | 255.0 | 101.8 | 100 | 127.3 |
| * Sep 2019 | 767 | 12.9 | 638.35 | 1573 | -107 | 137.20 | 255.0 | 96.0 | 100 | 125.1 |
| WY 2019 | 8538 | | | | | | | 1079.9 | | |
| Oct 2019 | 600 | 9.8 | 638.00 | 1564 | -9 | 136.42 | 227.0 | 73.7 | 89 | 122.9 |
| Nov 2019 | 511 | 8.6 | 639.01 | 1591 | 27 | 137.25 | 159.8 | 63.2 | 63 | 123.6 |
| Dec 2019 | 338 | 5.5 | 638.70 | 1583 | -8 | 139.02 | 154.7 | 42.3 | 61 | 125.2 |
| Jan 2020 | 426 | 6.9 | 641.80 | 1666 | 83 | 139.74 | 156.3 | 53.6 | 61 | 125.9 |
| Feb 2020 | 591 | 10.3 | 641.80 | 1666 | 0 | 139.83 | 156.5 | 74.5 | 61 | 126.0 |
| Mar 2020 | 882 | 14.3 | 643.05 | 1700 | 34 | 138.91 | 194.1 | 110.4 | 76 | 125.1 |
| Apr 2020 | 986 | 16.6 | 643.00 | 1699 | -1 | 138.75 | 249.9 | 123.3 | 98 | 125.0 |
| May 2020 | 929 | 15.1 | 643.00 | 1699 | 0 | 139.21 | 255.0 | 116.6 | 100 | 125.4 |
| Jun 2020 | 895 | 15.0 | 643.00 | 1699 | 0 | 139.24 | 255.0 | 112.3 | 100 | 125.4 |
| Jul 2020 | 797 | 13.0 | 642.00 | 1671 | -27 | 139.49 | 255.0 | 100.1 | 100 | 125.7 |
| Aug 2020 | 720 | 11.7 | 642.00 | 1671 | 0 | 139.46 | 255.0 | 90.4 | 100 | 125.6 |
| Sep 2020 | 712 | 12.0 | 640.01 | 1618 | -54 | 138.37 | 255.0 | 88.7 | 100 | 124.7 |
| WY 2020 | 8387 | | | | | | | 1049.1 | | |
| Oct 2020 | 657 | 10.7 | 633.00 | 1434 | -183 | 134.37 | 227.0 | 79.5 | 89 | 121.1 |
| Nov 2020 | 528 | 8.9 | 635.00 | 1486 | 51 | 132.61 | 159.8 | 63.1 | 63 | 119.5 |
| Dec 2020 | 387 | 6.3 | 638.71 | 1583 | 97 | 136.64 | 154.7 | 47.6 | 61 | 123.1 |
| Jan 2021 | 456 | 7.4 | 641.80 | 1666 | 83 | 139.52 | 156.3 | 57.3 | 61 | 125.7 |
| Feb 2021 | 624 | 11.2 | 641.80 | 1666 | 0 | 139.44 | 156.6 | 78.4 | 61 | 125.6 |
| Mar 2021 | 905 | 14.7 | 643.05 | 1700 | 34 | 138.78 | 194.1 | 113.1 | 76 | 125.0 |
| Apr 2021 | 1010 | 17.0 | 643.00 | 1699 | -1 | 138.61 | 249.9 | 126.1 | 98 | 124.9 |
| May 2021 | 951 | 15.5 | 643.00 | 1699 | 0 | 139.09 | 255.0 | 119.2 | 100 | 125.3 |
| Jun 2021 | 880 | 14.8 | 643.00 | 1699 | 0 | 139.32 | 255.0 | 110.5 | 100 | 125.5 |
| Jul 2021 | 822 | 13.4 | 642.00 | 1671 | -27 | 139.33 | 255.0 | 103.1 | 100 | 125.5 |
| Aug 2021 | 702 | 11.4 | 642.00 | 1671 | 0 | 139.57 | 255.0 | 88.2 | 100 | 125.7 |
| Sep 2021 | 728 | 12.2 | 640.01 | 1618 | -54 | 138.26 | 255.0 | 90.6 | 100 | 124.6 |
| WY 2021 | 8649 | | | | | | | 1076.9 | | |

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

October 2019 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu



| 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 |
|----------------|----------------------------|--------------------------|----------------------------------|--------------------------|--------------------------------|-------------------------|------------------------|--------------------------|----------------------------|--------|
| * Oct 2018 | 394 | 6.4 | 448.12 | 582 | -16 | 82.83 | 90.0 | 27.9 | 75 | 70.9 |
| H Nov 2018 | 357 | 6.0 | 447.99 | 580 | -3 | 82.25 | 93.0 | 26.1 | 78 | 73.0 |
| I Dec 2018 | 218 | 3.5 | 446.53 | 552 | -27 | 81.03 | 116.1 | 12.9 | 97 | 59.1 |
| S Jan 2019 | 250 | 4.1 | 446.58 | 553 | 1 | 82.75 | 117.1 | 17.0 | 98 | 68.2 |
| T Feb 2019 | 372 | 6.7 | 447.53 | 571 | 18 | 81.87 | 95.4 | 25.5 | 79 | 68.6 |
| O Mar 2019 | 630 | 10.2 | 447.86 | 577 | 6 | 82.11 | 111.3 | 44.3 | 93 | 70.4 |
| R Apr 2019 | 712 | 12.0 | 447.29 | 567 | -11 | 79.40 | 115.0 | 49.5 | 96 | 69.5 |
| I May 2019 | 673 | 11.3 | 448.62 | 592 | 25 | 80.51 | 119.0 | 48.6 | 99 | 72.2 |
| C Jun 2019 | 717 | 12.0 | 448.47 | 589 | -3 | 80.43 | 120.0 | 50.3 | 100 | 70.2 |
| A Jul 2019 | 739 | 12.0 | 448.12 | 582 | -7 | 80.11 | 120.0 | 51.4 | 100 | 69.5 |
| L Aug 2019 | 636 | 10.3 | 447.22 | 565 | -17 | 77.13 | 120.0 | 44.3 | 100 | 69.7 |
| * Sep 2019 | 514 | 8.6 | 449.03 | 600 | 34 | 83.07 | 120.0 | 35.9 | 100 | 69.8 |
| WY 2019 | 6211 | | | | | | | 433.7 | | |
| Oct 2019 | 449 | 7.3 | 447.50 | 571 | -29 | 77.03 | 90.0 | 29.8 | 75 | 66.3 |
| Nov 2019 | 375 | 6.3 | 447.50 | 571 | 0 | 76.14 | 93.0 | 24.4 | 78 | 65.1 |
| Dec 2019 | 291 | 4.7 | 446.50 | 552 | -19 | 74.65 | 114.2 | 18.3 | 95 | 62.9 |
| Jan 2020 | 262 | 4.3 | 446.50 | 552 | 0 | 75.07 | 94.8 | 16.4 | 79 | 62.7 |
| Feb 2020 | 431 | 7.5 | 446.50 | 552 | 0 | 75.16 | 93.1 | 28.0 | 78 | 65.1 |
| Mar 2020 | 705 | 11.5 | 446.70 | 555 | 4 | 74.01 | 120.0 | 45.8 | 100 | 64.9 |
| Apr 2020 | 728 | 12.2 | 448.70 | 593 | 38 | 75.08 | 120.0 | 47.9 | 100 | 65.9 |
| May 2020 | 695 | 11.3 | 448.70 | 593 | 0 | 76.05 | 120.0 | 46.2 | 100 | 66.5 |
| Jun 2020 | 718 | 12.1 | 448.70 | 593 | 0 | 76.05 | 120.0 | 47.8 | 100 | 66.6 |
| Jul 2020 | 677 | 11.0 | 448.00 | 580 | -13 | 75.71 | 120.0 | 44.8 | 100 | 66.1 |
| Aug 2020 | 599 | 9.7 | 447.50 | 571 | -9 | 75.13 | 120.0 | 39.2 | 100 | 65.5 |
| Sep 2020 | 508 | 8.5 | 447.50 | 570 | 0 | 74.89 | 120.0 | 33.0 | 100 | 65.0 |
| WY 2020 | 6439 | | | | | | | 421.8 | | |
| Oct 2020 | 486 | 7.9 | 447.50 | 571 | 0 | 76.29 | 90.0 | 32.1 | 75 | 66.1 |
| Nov 2020 | 359 | 6.0 | 447.50 | 571 | 0 | 76.19 | 92.0 | 23.3 | 77 | 65.0 |
| Dec 2020 | 310 | 5.0 | 446.50 | 552 | -19 | 74.86 | 109.4 | 19.7 | 91 | 63.3 |
| Jan 2021 | 262 | 4.3 | 446.50 | 552 | 0 | 75.07 | 94.8 | 16.4 | 79 | 62.7 |
| Feb 2021 | 430 | 7.7 | 446.50 | 552 | 0 | 75.21 | 92.1 | 28.1 | 77 | 65.2 |
| Mar 2021 | 704 | 11.4 | 446.70 | 555 | 4 | 74.01 | 120.0 | 45.7 | 100 | 64.9 |
| Apr 2021 | 726 | 12.2 | 448.70 | 593 | 38 | 75.08 | 120.0 | 47.8 | 100 | 65.9 |
| May 2021 | 694 | 11.3 | 448.70 | 593 | 0 | 76.05 | 120.0 | 46.1 | 100 | 66.5 |
| Jun 2021 | 717 | 12.0 | 448.70 | 593 | 0 | 76.05 | 120.0 | 47.7 | 100 | 66.6 |
| Jul 2021 | 676 | 11.0 | 448.00 | 580 | -13 | 75.71 | 120.0 | 44.7 | 100 | 66.1 |
| Aug 2021 | 598 | 9.7 | 447.50 | 571 | -9 | 75.13 | 120.0 | 39.1 | 100 | 65.4 |
| Sep 2021 | 508 | 8.5 | 447.50 | 570 | 0 | 74.89 | 120.0 | 33.0 | 100 | 65.0 |
| WY 2021 | 6470 | | | | | | | 423.8 | | |

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



October 2019 24-Month Study

Most Probable Inflow*

Upper Basin Power



| Date | Glen Canyon 1000 MWHR | Flaming Gorge 1000 MWHR | Blue Mesa 1000 MWHR | Morrow Point 1000 MWHR | Crystal Reservoir 1000 MWHR | Fontenelle Reservoir 1000 MWHR |
|--------------------|--------------------------|----------------------------|------------------------|---------------------------|--------------------------------|-----------------------------------|
| * Oct 2018 | 268 | 39 | 11 | 19 | 9 | 4 |
| H Nov 2018 | 248 | 36 | 5 | 4 | 2 | 5 |
| I Dec 2018 | 313 | 47 | 5 | 6 | 2 | 5 |
| S Jan 2019 | 335 | 47 | 4 | 6 | 1 | 4 |
| T Feb 2019 | 302 | 42 | 6 | 8 | 1 | 3 |
| O Mar 2019 | 325 | 22 | 6 | 9 | 4 | 3 |
| Winter 2019 | 1790 | 233 | 36 | 51 | 19 | 24 |
| R Apr 2019 | 294 | 27 | 9 | 14 | 10 | 4 |
| I May 2019 | 299 | 38 | 23 | 45 | 21 | 6 |
| C Jun 2019 | 332 | 82 | 33 | 64 | 22 | 8 |
| A Jul 2019 | 391 | 39 | 28 | 54 | 23 | 7 |
| L Aug 2019 | 412 | 42 | 24 | 49 | 22 | 7 |
| * Sep 2019 | 312 | 44 | 15 | 22 | 18 | 2 |
| Summer 2019 | 2041 | 273 | 131 | 248 | 115 | 34 |
| Oct 2019 | 269 | 29 | 27 | 31 | 15 | 6 |
| Nov 2019 | 268 | 24 | 24 | 30 | 15 | 5 |
| Dec 2019 | 320 | 42 | 25 | 30 | 15 | 5 |
| Jan 2020 | 323 | 52 | 16 | 20 | 11 | 5 |
| Feb 2020 | 286 | 48 | 15 | 19 | 10 | 4 |
| Mar 2020 | 296 | 57 | 15 | 20 | 11 | 4 |
| Winter 2020 | 1762 | 253 | 121 | 150 | 77 | 30 |
| Apr 2020 | 266 | 30 | 20 | 28 | 15 | 5 |
| May 2020 | 269 | 27 | 58 | 82 | 23 | 6 |
| Jun 2020 | 283 | 82 | 10 | 19 | 14 | 9 |
| Jul 2020 | 331 | 32 | 22 | 27 | 15 | 10 |
| Aug 2020 | 367 | 41 | 24 | 29 | 15 | 7 |
| Sep 2020 | 263 | 39 | 24 | 29 | 14 | 2 |
| Summer 2020 | 1779 | 252 | 157 | 214 | 97 | 39 |
| Oct 2020 | 280 | 27 | 23 | 28 | 14 | 6 |
| Nov 2020 | 279 | 22 | 15 | 18 | 10 | 6 |
| Dec 2020 | 313 | 39 | 24 | 29 | 15 | 5 |
| Jan 2021 | 371 | 46 | 14 | 19 | 10 | 5 |
| Feb 2021 | 322 | 42 | 13 | 16 | 9 | 4 |
| Mar 2021 | 342 | 39 | 0 | 20 | 11 | 4 |
| Winter 2021 | 1906 | 214 | 88 | 131 | 68 | 31 |
| Apr 2021 | 303 | 38 | 0 | 33 | 18 | 5 |
| May 2021 | 307 | 35 | 2 | 93 | 23 | 6 |
| Jun 2021 | 333 | 77 | 17 | 28 | 19 | 9 |
| Jul 2021 | 382 | 32 | 23 | 29 | 17 | 10 |
| Aug 2021 | 404 | 42 | 24 | 29 | 15 | 8 |
| Sep 2021 | 300 | 40 | 27 | 33 | 17 | 2 |
| Summer 2021 | 1729 | 224 | 66 | 212 | 93 | 37 |

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



October 2019 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions



| 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 | Required | Mead Sched Rel | Mead FC Rel | Sys Cont | |
|-----------------------------------|---------------|-----------|--------|-------------|-------------------|-----------|-------|-----------------------------------|-----------|--------|------------------|-------------|-----------|-----------------|----------|----------------|-------------|----------|--|
| | KAF | KAF | KAF | KAF | KAF | KAF | KAF | KAF | KAF | KAF | KAF | KAF | KAF | KAF | KAF | KAF | KAF | KAF | |
| **** PREDICTED SPACE **** | | | | | | | | **** CREDITABLE SPACE **** | | | | | | | | | | | |
| Oct 2019 | 412 | 94 | 308 | 11045 | 11858 | 17116 | 28974 | 412 | 94 | 308 | 814 | 11045 | 17116 | 28974 | 3040 | 609 | 0 | 31.5 | |
| Nov 2019 | 443 | 142 | 325 | 11220 | 12130 | 17080 | 29210 | 443 | 142 | 325 | 910 | 11220 | 17080 | 29210 | 3810 | 568 | 0 | 31.3 | |
| Dec 2019 | 457 | 188 | 338 | 11365 | 12348 | 17024 | 29372 | 457 | 188 | 338 | 983 | 11365 | 17024 | 29372 | 4580 | 352 | 0 | 31.3 | |
| Jan 2020 | 531 | 241 | 350 | 11609 | 12731 | 16641 | 29373 | 531 | 241 | 350 | 1122 | 11609 | 16641 | 29373 | 5350 | 535 | 0 | 31.3 | |
| **** EFFECTIVE SPACE **** | | | | | | | | **** CREDITABLE SPACE **** | | | | | | | | | | | |
| Jan 2020 | 531 | 241 | 350 | 11609 | 12731 | 16641 | 29373 | 192 | 162 | 350 | 704 | 11609 | 16641 | 28954 | 5350 | 535 | 0 | 31.3 | |
| Feb 2020 | 628 | 266 | 355 | 11837 | 13085 | 16390 | 29476 | 289 | 187 | 355 | 831 | 11837 | 16390 | 29058 | 1500 | 615 | 0 | 31.1 | |
| Mar 2020 | 714 | 291 | 352 | 11981 | 13338 | 16283 | 29620 | 375 | 213 | 352 | 939 | 11981 | 16283 | 29203 | 1500 | 945 | 0 | 30.8 | |
| Apr 2020 | 778 | 304 | 334 | 12049 | 13465 | 16506 | 29971 | 437 | 226 | 334 | 996 | 12049 | 16506 | 29552 | 1500 | 1018 | 0 | 30.7 | |
| May 2020 | 743 | 303 | 294 | 11951 | 13291 | 16882 | 30173 | 394 | 224 | 290 | 908 | 11951 | 16882 | 29742 | 1500 | 963 | 0 | 31.4 | |
| Jun 2020 | 603 | 333 | 191 | 11089 | 12217 | 17238 | 29455 | 243 | 240 | 147 | 631 | 11089 | 17238 | 28958 | 1500 | 937 | 0 | 32.7 | |
| Jul 2020 | 485 | 132 | 119 | 9813 | 10549 | 17570 | 28119 | 112 | 24 | 18 | 154 | 9813 | 17570 | 27536 | 1500 | 806 | 0 | 32.7 | |
| **** CREDITABLE SPACE **** | | | | | | | | **** CREDITABLE SPACE **** | | | | | | | | | | | |
| Aug 2020 | 392 | 101 | 163 | 9834 | 10490 | 17642 | 28131 | 392 | 101 | 163 | 656 | 9834 | 17642 | 28131 | 1500 | 754 | 0 | 32.3 | |
| Sep 2020 | 440 | 116 | 214 | 10150 | 10920 | 17566 | 28486 | 440 | 116 | 214 | 771 | 10150 | 17566 | 28486 | 2270 | 688 | 0 | 31.9 | |
| Oct 2020 | 504 | 150 | 308 | 10220 | 11181 | 17640 | 28821 | 504 | 150 | 308 | 962 | 10220 | 17640 | 28821 | 3040 | 492 | 0 | 31.7 | |
| Nov 2020 | 527 | 188 | 309 | 10345 | 11369 | 17488 | 28857 | 527 | 188 | 309 | 1023 | 10345 | 17488 | 28857 | 3810 | 609 | 0 | 31.5 | |
| Dec 2020 | 540 | 205 | 314 | 10520 | 11579 | 17465 | 29044 | 540 | 205 | 314 | 1060 | 10520 | 17465 | 29044 | 4580 | 506 | 0 | 31.4 | |
| Jan 2021 | 611 | 258 | 325 | 10757 | 11951 | 17262 | 29213 | 611 | 258 | 325 | 1194 | 10757 | 17262 | 29213 | 5350 | 565 | 0 | 31.4 | |
| **** EFFECTIVE SPACE **** | | | | | | | | **** CREDITABLE SPACE **** | | | | | | | | | | | |
| Jan 2021 | 611 | 258 | 325 | 10757 | 11951 | 17262 | 29213 | 321 | 170 | 119 | 610 | 10757 | 17262 | 28629 | 5350 | 565 | 0 | 31.4 | |
| Feb 2021 | 698 | 281 | 338 | 11116 | 12433 | 16945 | 29377 | 407 | 195 | 131 | 733 | 11116 | 16945 | 28794 | 1500 | 647 | 0 | 31.2 | |
| Mar 2021 | 768 | 300 | 340 | 11374 | 12782 | 16797 | 29579 | 476 | 215 | 132 | 824 | 11374 | 16797 | 28995 | 1500 | 967 | 0 | 30.9 | |
| Apr 2021 | 777 | 315 | 301 | 11537 | 12930 | 16948 | 29877 | 482 | 232 | 86 | 799 | 11537 | 16948 | 29284 | 1500 | 1042 | 0 | 30.9 | |
| May 2021 | 754 | 321 | 227 | 11355 | 12657 | 17271 | 29928 | 452 | 234 | -12 | 674 | 11355 | 17271 | 29300 | 1500 | 985 | 0 | 32.1 | |
| Jun 2021 | 615 | 345 | 224 | 10018 | 11202 | 17571 | 28774 | 302 | 244 | -55 | 491 | 10018 | 17571 | 28080 | 1500 | 922 | 0 | 33.6 | |
| Jul 2021 | 450 | 165 | 364 | 8520 | 9499 | 17795 | 27295 | 122 | 42 | 27 | 191 | 8520 | 17795 | 26507 | 1500 | 831 | 0 | 33.7 | |
| **** CREDITABLE SPACE **** | | | | | | | | **** CREDITABLE SPACE **** | | | | | | | | | | | |
| Aug 2021 | 348 | 124 | 399 | 8470 | 9340 | 17796 | 27136 | 348 | 124 | 399 | 870 | 8470 | 17796 | 27136 | 1500 | 736 | 0 | 33.4 | |
| Sep 2021 | 387 | 129 | 420 | 8831 | 9766 | 17643 | 27408 | 387 | 129 | 420 | 935 | 8831 | 17643 | 27408 | 2270 | 704 | 0 | 33.0 | |

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