

**November 24-Month Study**  
**Date: November 10, 2020**

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

**Current Reservoir Status**

Reservoir	October Inflow (unregulated) (acre-feet)	Percent of Average (%)	November 8, Midnight Elevation (feet)	November 8, Midnight Reservoir Storage (acre-feet)
Fontenelle	31,500	65	6,490.31	229,200
Flaming Gorge	26,200	44	6,025.38	3,174,300
Blue Mesa	20,000	52	7,463.63	394,000
Navajo	7,200	15	6,038.74	1,099,300
Powell	91,400	18	3,590.73	10,886,700

**Expected Operations**

The operation of Lake Powell and Lake Mead in this November 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) and draft 2021 AOP. Pursuant to the Interim Guidelines, the August 2020 24-Month Study projections of the January 1, 2021, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2021.

The August 2020 24-Month Study projected the January 1, 2020, Lake Powell elevation to be below the 2021 Equalization Elevation of 3,659 feet and above elevation 3,575 feet. Consistent with Section 6.B of the Interim Guidelines, Lake Powell will operate in the Upper Elevation Balancing Tier for water year 2021, 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 2021. This November 2020 24-Month Study indicates that, consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is projected to occur and the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this November 24-Month Study projects a balancing release of 8.234 maf in water year 2021.

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 years 2020 and 2021. In addition, Section III.B of Exhibit 1 to the Lower Basin Drought Contingency Plan (DCP) Agreement is also governing the operation of Lake Mead in calendar years 2020 and 2021.

The 2021 operational tier determinations for Lake Powell and Lake Mead will be documented in the 2021 AOP, which is currently in development.

The 2020 AOP is available for download at:  
<https://www.usbr.gov/lc/region/g4000/aop/AOP20.pdf>.

The draft 2021 AOP is available for download at:  
[https://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP21\\_draft.pdf](https://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP21_draft.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 November 2, 2020, the Fontenelle Reservoir pool elevation is 6490.80 feet, which amounts to 67 percent of live storage capacity. Inflows for the month of October totaled 31,500 acre-feet (af) or 65 percent of average.

Fontenelle releases are currently 900 cfs. Due to scheduled maintenance releases have been switched from power generation to bypass until early November.

The November final forecast for unregulated inflows into Fontenelle for the next three months projects below average conditions. November, December, and January inflow volumes amount to 35,000 af (83 percent of average), 28,000 af (88 percent of average), and 27,000 af (89 percent of average), respectively.

The 2021 water year unregulated inflow volume is forecasted to be 837,000 af (77 percent of average). This is a decrease when compared to the October forecast when the unregulated inflow volume was forecasted to be 890,000 af (82 percent of average).

The August 27, 2020, Fontenelle Working Group meeting minutes are available online on USBR's website at <https://www.usbr.gov/uc/water/crsp/wg/ft/ftcurrnt.html>. The next Fontenelle Working Group meeting is scheduled for April 22, 2021. The meeting will be held at 10:00am at the Seedska-dee 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** -- As of November 3, 2020 Flaming Gorge Reservoir pool elevation is 6025.39 feet, which amounts to 85 percent of live storage capacity. Unregulated inflows for the month of October is approximately 26,000 acre-feet (af), which is 44% of the average October unregulated inflow volume and corresponds to an 94% exceedance value.

The October observed unregulated inflow calculates to a dry hydrologic classification. Operations will remain at a moderately dry hydrologic condition operation per the Flaming Gorge 2020-2021 Operation Plan.

The summer base flow period ended on September 30, 2020. Autumn average daily releases will meet moderately dry hydrologic condition lower targets in Reach 2 (1,100 cfs to 1,500 cfs includes flows from the Yampa River). The daily average release of 900 cfs will be maintained through November.

The November final forecast for unregulated inflows into Flaming Gorge for the next three months projects below average conditions. November, December, and January forecasted unregulated inflow volumes amount to 40,000 af (78 percent of average), 30,000 af (86 percent of average) and 35,000 af (87 percent of average), respectively. The 2021 water year unregulated inflow volume is projected to be 1,036,170 af (71 percent of average). This is notably decreased from October when the unregulated inflow volume was projected to be 1,115,000 af (77 percent of average).

Reclamation is planning to hold the next Flaming Gorge Working Group meeting on March 18, 2021 in Price, Utah or via WebEx. The place and in-person meeting TBD. 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 November 4, 2020 releases from Crystal Dam are approximately 400 cfs. Gunnison Tunnel diversions have been terminated for the irrigation season. There will be periodic diversions to refill Fairview Reservoir about every 2 weeks throughout the winter months. Flows in the Black Canyon are about 380 cfs.

Blue Mesa did not fill in 2020. On June 19, 2020, the elevation of Blue Mesa was 7492.87 feet above sea level corresponding to a live storage of 603,855 af (72.8 percent of capacity). This was the peak elevation achieved after the spring runoff during 2020. As of November 4, 2020, the elevation of Blue Mesa was 7463.47 feet corresponding to a live storage of 392,975 af (47.4 percent of capacity).

The unregulated inflow volume in October to Blue Mesa was 20,053 af (53 percent of average). Unregulated Inflow volumes forecasted for Blue Mesa for the next three

months (November, December and January) are projected to be: 20,000 af (65 percent of average), 19,000 af (73 percent of average) and 17,000 af (71 percent of average), respectively. The November 24-Month Study is reflective of these new forecasts. The 2021 water year unregulated inflow volume is projected to be 650,054 af (68 percent of average). This is notably decreased from October when the unregulated inflow volume was projected to be 755,000 af (79 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 scheduled working group meeting will be in January of 2021 but no date has been set at this time. More details will be posted as they become available.

**Navajo Reservoir** – On November 4th, the daily average release rate from Navajo Dam was approximately 400 cfs while reservoir inflow was averaging approximately 182 cfs. The water surface elevation was 6039.1 feet above sea level. At this elevation the live storage is 1,100,751 maf (65 percent of live storage capacity) and the active storage is 0.439 maf (42 percent of active storage capacity). NIIP has shut down for the season. The San Juan-Chama project is not currently diverting from the basin above the reservoir. The river flow measured at the Animas River at Farmington USGS gage was at 216 cfs. River flow at the San Juan River at Four Corners USGS gage was 730 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. Releases target the San Juan River Recovery Implementation Program's recommended downstream baseflow range of 500 cfs to 1,000 cfs through the critical habitat reach of the San Juan River (Farmington, NM to Lake Powell). Current modeling shows the release will most likely vary between 250 and 500 cfs to accomplish this for the remainder of fall and early winter.

Navajo was at 6039.1 ft of pool elevation and 1,103,003 acre-ft of storage by the end of October, which was 82% of average for the end of the month. The release averaged 690 cfs and totaled 42,549 af, which was 101% of average for the month. Preliminary modified unregulated inflow (MUI) into Navajo was 7,189 af. Calculated evaporation for the month was 1,490 af. Navajo had a net storage loss of 48,429 af in October.

The most probable inflow forecast for November, December and January, is 12,000 af (37% of average), 13,000 af (52% of average), and 12,000 af (55% of average), respectively. The 2021 water year modified unregulated inflow volume is projected to be 610,000 af (57 percent of average). This is a decrease from October when the modified unregulated inflow volume was projected to be 705,000 af (66 percent of average).

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir. The next meeting will be conducted either (in-person or virtually, depending on the local and governmental guidance at the time) in late January of 2021.

### **Glen Canyon Dam / Lake Powell**

#### **Current Status**

The unregulated inflow volume to Lake Powell during October was 91 thousand acre-feet (kaf) (18 percent of average). The release volume from Glen Canyon Dam in October was 640 kaf. The end of October elevation and storage of Lake Powell were 3591.72 ft (108 feet from full pool) and 10.98 maf (45 percent of full capacity), respectively.

#### **Current Operations**

The operating tier for water year 2021 (September 2020 through October 2021) was established in August 2020 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 2021 will be governed by the Upper Elevation Balancing Tier. With an 8.23 million acre-foot (maf) release from Lake Powell in water year 2021, the November 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. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is projected to occur and the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this November 24-Month Study projects a balancing release of 8.234 maf in water year 2021.

In November, the release volume will be approximately 640 kaf, with fluctuations anticipated between about 7,021 cfs in the nighttime to about 12,781 cfs in the daytime, and consistent with the Glen Canyon Dam, Record of Decision (dated December 2016). The anticipated release volume for December is 720 kaf with daily fluctuations between approximately 8,027 cfs and 14,507 cfs. The expected release for January is 760 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 1,100 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 November 1, 2021, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume this year will be 6.79 maf (63 percent of average). This is notably decreased from October when the unregulated inflow volume was projected to be 7.9 maf (73 percent of average).

There is significant uncertainty regarding next 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 October forecast for water year 2021 ranges from a minimum probable of 5.17 maf (48 percent of average) to a maximum probable of 16 maf (148 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast of 6.79 maf unregulated inflow, the November 24-Month Study projects Lake Powell elevation will end water year 2021 near 3,575.04 feet with approximately 9.5 maf in storage (39 percent of capacity). Note that projections of elevation and storage for water year 2021 have significant uncertainty at this point in the season. Projections of end of water year 2021 elevation and storage using the minimum and maximum probable inflow forecast from October 2020 are 3,563.36 feet (8.58 maf, 35 percent of capacity) and 3,649.33 feet (17 maf, 70 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 2021 is projected to be 8.234 maf under the November most probable scenario, and 8.23 maf under the October minimum and maximum probable inflow scenarios.

### **Upper Colorado River Basin Hydrology**

Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 21-year period 2000 to 2020, 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 2000-2020 is the lowest 21-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.62 maf, or 80 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 2000-2020 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 2021 unregulated inflow to Lake Powell is projected to be 6.79 maf (63 percent of average).

At the beginning of water year 2021, total system storage in the Colorado River Basin was 28.88 maf (48 percent of 59.6 maf total system capacity). This is a decrease of 2.77 maf over the total storage at the beginning of water year 2020 when total system storage was 31.64 maf (53 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 48 percent of capacity at the beginning of water year 2021. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2021 is approximately 26.12 maf (44 percent of total system capacity). The actual end of water year 2021 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

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 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					Forecast				
		jul	aug	sep	oct	%Avg	nov	dec	jan		
GLDA3:	Lake Powell	290	-19.85	47	91	18%:	250/	250/	240/		
GBRW4:	Fontenelle	145	41	25	31	64%:	35/	28/	27/		
GRNU1:	Flaming Gorge	158	35	28	26	44%:	40/	30/	35/		
BMDC2:	Blue Mesa	46	26	23	20	53%:	20/	19/	17/		
MPSC2:	Morrow Point	47	27	23	21	52%:	22/	20/	18/		
CLSC2:	Crystal	48	27	25	23	49%:	24/	23/	21/		
TPIC2:	Taylor Park	7.7	4.1	5.7	4.3	65%:	3.8/	3.5/	3.2/		
VCRC2:	Valllecito	11.2	5.4	4.1	2.6	17%:	2.9/	2.6/	2.5/		
NVRN5:	Navajo	3.3	-15.04	-7.36	7.4	16%:	14/	13/	12/		
LEMCC2:	Lemon	2.3	1.38	0.69	0.37	12%:	0.4/	0.4/	0.3/		
MPHC2:	McPhee	8.9	7.9	8.1	1.49	17%:	2.0/	2.2/	2.4/		
RBSC2:	Ridgway	10.4	3.8	3.2	3.4	44%:	3.4/	3.2/	2.9/		
YDLC2:	Deerlodge	28	4.4	5.2	14	40%:	23/	20/	20/		
DRGC2:	Durango	28	13.8	9.9	7.3	26%:	8.0/	8.0/	7.5/		



# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



## November 2020 24-Month Study

Most Probable Inflow\*

### Fontenelle Reservoir

Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
* Nov 2019	46	1	63	0	63	6491.39	236
H Dec 2019	36	1	64	0	64	6487.01	208
I Jan 2020	34	1	64	0	64	6481.89	177
S Feb 2020	32	1	60	0	60	6476.34	147
T Mar 2020	54	1	65	0	65	6473.94	136
O Apr 2020	83	1	73	0	73	6475.89	145
R May 2020	161	1	101	0	101	6486.37	203
I Jun 2020	288	2	107	73	180	6501.43	309
C Jul 2020	145	3	99	23	121	6504.12	330
A Aug 2020	41	2	74	0	74	6499.62	295
L Sep 2020	25	2	26	35	61	6494.55	258
<b>WY 2020</b>	<b>996</b>	<b>15</b>	<b>856</b>	<b>137</b>	<b>993</b>		
* Oct 2020	32	1	0	55	55	6490.95	233
Nov 2020	35	1	54	0	54	6487.98	215
Dec 2020	28	1	55	0	55	6483.55	187
Jan 2021	27	1	55	0	55	6478.36	158
Feb 2021	25	0	50	0	50	6473.09	133
Mar 2021	42	0	58	0	58	6469.44	117
Apr 2021	65	1	60	0	60	6470.60	122
May 2021	110	1	62	0	62	6480.32	169
Jun 2021	225	2	96	0	96	6499.56	296
Jul 2021	150	3	101	4	105	6505.03	338
Aug 2021	58	2	67	0	67	6503.64	327
Sep 2021	40	2	19	40	60	6500.88	306
<b>WY 2021</b>	<b>837</b>	<b>15</b>	<b>676</b>	<b>99</b>	<b>775</b>		
Oct 2021	42	1	61	0	61	6498.13	285
Nov 2021	42	1	71	0	71	6493.92	255
Dec 2021	33	1	74	0	74	6487.69	213
Jan 2022	31	1	74	0	74	6480.53	170
Feb 2022	29	1	67	0	67	6472.75	131
Mar 2022	53	0	69	0	69	6468.87	114
Apr 2022	82	1	73	0	73	6470.96	123
May 2022	169	1	91	0	91	6485.54	199
Jun 2022	278	2	103	73	176	6499.96	299
Jul 2022	164	3	102	35	137	6503.11	323
Aug 2022	71	2	65	0	65	6503.49	326
Sep 2022	44	2	60	0	60	6501.23	308
<b>WY 2022</b>	<b>1037</b>	<b>15</b>	<b>911</b>	<b>108</b>	<b>1019</b>		
Oct 2022	45	1	61	0	61	6498.85	290

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



November 2020 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)
* Nov 2019	63	79	4	81	0	81	136	6030.99	3387	115
H Dec 2019	39	67	2	128	0	128	134	6029.43	3327	169
I Jan 2020	49	80	2	133	0	133	132	6028.03	3274	168
S Feb 2020	47	76	2	124	0	124	130	6026.75	3225	157
T Mar 2020	106	117	3	119	0	119	130	6026.61	3220	228
O Apr 2020	114	104	5	112	0	112	129	6026.26	3207	308
R May 2020	218	158	8	98	31	129	130	6026.81	3228	672
I Jun 2020	343	236	10	157	31	188	131	6027.76	3263	530
C Jul 2020	158	134	13	90	0	90	133	6028.55	3293	131
A Aug 2020	35	67	12	112	0	112	130	6027.10	3238	124
L Sep 2020	28	64	11	98	0	98	129	6025.93	3195	112
<b>WY 2020</b>	<b>1253</b>	<b>1251</b>	<b>80</b>	<b>1333</b>	<b>62</b>	<b>1395</b>				<b>2825</b>
* Oct 2020	26	50	7	64	0	64	128	6025.39	3175	85
Nov 2020	40	59	3	54	0	54	128	6025.43	3176	77
Dec 2020	30	57	2	61	0	61	128	6025.28	3171	81
Jan 2021	35	63	2	61	0	61	128	6025.28	3171	81
Feb 2021	35	60	2	56	0	56	128	6025.34	3173	76
Mar 2021	83	99	3	64	0	64	129	6026.16	3203	126
Apr 2021	105	100	5	62	0	62	130	6027.00	3235	227
May 2021	145	97	8	70	0	70	131	6027.49	3253	495
Jun 2021	255	126	10	125	0	125	131	6027.24	3244	545
Jul 2021	170	125	13	65	0	65	132	6028.41	3288	130
Aug 2021	67	76	13	92	0	92	131	6027.67	3260	112
Sep 2021	45	65	11	89	0	89	130	6026.75	3226	104
<b>WY 2021</b>	<b>1036</b>	<b>975</b>	<b>79</b>	<b>864</b>	<b>0</b>	<b>864</b>				<b>2141</b>
Oct 2021	50	70	7	62	0	62	130	6026.77	3226	96
Nov 2021	48	78	3	64	0	64	130	6027.03	3236	98
Dec 2021	33	74	2	101	0	101	129	6026.29	3208	128
Jan 2022	40	83	2	101	0	101	128	6025.76	3188	128
Feb 2022	44	82	2	92	0	92	128	6025.45	3177	116
Mar 2022	95	111	3	82	0	82	129	6026.13	3202	161
Apr 2022	125	116	5	79	0	79	130	6026.94	3232	287
May 2022	246	169	8	78	0	78	133	6029.05	3312	592
Jun 2022	360	258	11	180	0	180	136	6030.75	3378	578
Jul 2022	184	158	14	65	0	65	139	6032.67	3453	138
Aug 2022	80	75	13	90	0	90	138	6031.99	3426	114
Sep 2022	50	66	11	100	0	100	136	6030.86	3382	114
<b>WY 2022</b>	<b>1356</b>	<b>1339</b>	<b>81</b>	<b>1095</b>	<b>0</b>	<b>1095</b>				<b>2553</b>
Oct 2022	54	71	7	79	0	79	135	6030.46	3367	112

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



## November 2020 24-Month Study

Most Probable Inflow\*

### Taylor Park Reservoir

Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
* Nov 2019	5	6	9313.66	76
H Dec 2019	5	6	9313.35	75
I Jan 2020	4	6	9312.52	74
S Feb 2020	4	6	9311.72	73
T Mar 2020	5	6	9310.81	71
O Apr 2020	7	6	9311.67	73
R May 2020	24	10	9319.44	86
I Jun 2020	22	16	9322.93	92
C Jul 2020	8	17	9317.91	83
A Aug 2020	4	14	9311.83	73
L Sep 2020	6	9	9309.62	69
<b>WY 2020</b>	<b>101</b>	<b>113</b>		
* Oct 2020	4	5	9308.95	68
Nov 2020	4	5	9308.15	67
Dec 2020	4	5	9307.04	65
Jan 2021	3	5	9305.71	63
Feb 2021	2	5	9304.08	61
Mar 2021	3	5	9302.55	59
Apr 2021	6	10	9299.66	55
May 2021	20	14	9303.94	61
Jun 2021	32	20	9311.74	73
Jul 2021	14	24	9305.64	63
Aug 2021	7	19	9297.00	51
Sep 2021	5	18	9286.13	39
<b>WY 2021</b>	<b>104</b>	<b>135</b>		
Oct 2021	5	12	9279.60	32
Nov 2021	5	5	9279.04	32
Dec 2021	5	5	9278.46	31
Jan 2022	4	5	9277.41	31
Feb 2022	4	5	9276.46	30
Mar 2022	5	5	9275.61	29
Apr 2022	9	10	9274.38	28
May 2022	27	12	9290.16	43
Jun 2022	42	16	9309.49	69
Jul 2022	16	16	9309.30	69
Aug 2022	9	16	9304.70	62
Sep 2022	7	16	9298.46	53
<b>WY 2022</b>	<b>137</b>	<b>123</b>		
Oct 2022	7	12	9294.28	48

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



# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## November 2020 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)
* Nov 2019	31	32	0	54	0	72	7497.63	642
H Dec 2019	30	30	0	70	0	85	7490.79	588
I Jan 2020	26	28	0	44	0	61	7486.45	554
S Feb 2020	23	25	0	30	0	41	7484.20	537
T Mar 2020	34	36	0	38	0	38	7483.85	534
O Apr 2020	50	49	1	73	0	73	7480.49	510
R May 2020	153	140	1	82	17	99	7485.88	550
I Jun 2020	139	131	1	83	3	85	7491.64	594
C Jul 2020	46	55	1	92	1	92	7486.61	555
A Aug 2020	26	36	1	95	0	95	7478.53	495
L Sep 2020	23	26	1	80	2	82	7470.42	439
<b>WY 2020</b>	<b>608</b>	<b>620</b>	<b>8</b>	<b>805</b>	<b>26</b>	<b>909</b>		
* Oct 2020	20	21	0	66	0	66	7463.47	393
Nov 2020	20	21	0	20	0	20	7463.66	394
Dec 2020	19	21	0	21	0	21	7463.64	394
Jan 2021	17	19	0	21	0	21	7463.37	392
Feb 2021	15	17	0	17	0	17	7463.36	392
Mar 2021	25	27	0	0	19	19	7464.56	400
Apr 2021	50	54	1	0	40	40	7466.66	414
May 2021	145	139	1	6	39	45	7480.10	507
Jun 2021	195	183	1	91	0	91	7492.07	598
Jul 2021	75	85	1	76	0	76	7492.94	604
Aug 2021	44	56	1	80	0	80	7489.71	579
Sep 2021	25	38	1	70	0	70	7485.29	545
<b>WY 2021</b>	<b>650</b>	<b>681</b>	<b>8</b>	<b>469</b>	<b>98</b>	<b>567</b>		
Oct 2021	29	36	0	68	0	68	7480.90	513
Nov 2021	28	28	0	14	0	14	7482.84	527
Dec 2021	27	27	0	15	0	15	7484.41	539
Jan 2022	25	26	0	15	0	15	7485.76	549
Feb 2022	23	24	0	14	0	14	7487.05	559
Mar 2022	37	38	0	17	0	17	7489.78	580
Apr 2022	78	79	1	38	0	38	7494.87	620
May 2022	199	184	1	207	6	213	7491.09	590
Jun 2022	262	236	1	40	0	40	7514.38	784
Jul 2022	98	99	2	80	0	80	7516.24	801
Aug 2022	59	66	1	83	0	83	7514.21	783
Sep 2022	38	46	1	81	0	81	7510.10	747
<b>WY 2022</b>	<b>902</b>	<b>888</b>	<b>9</b>	<b>672</b>	<b>6</b>	<b>678</b>		
Oct 2022	38	43	1	81	0	81	7505.59	708

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



## November 2020 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)
* Nov 2019	31	72	1	72	71	0	71	7148.85	108
H Dec 2019	30	85	1	85	85	0	85	7149.10	108
I Jan 2020	27	61	1	61	63	0	63	7147.47	107
S Feb 2020	23	41	0	41	41	0	41	7147.88	107
T Mar 2020	36	38	2	40	42	0	42	7145.65	106
O Apr 2020	54	73	4	77	76	0	76	7147.10	107
R May 2020	162	99	10	109	109	0	109	7146.72	107
I Jun 2020	142	85	4	89	85	0	85	7152.13	111
C Jul 2020	47	92	1	93	93	0	93	7152.06	111
A Aug 2020	27	95	1	96	95	0	97	7151.26	110
L Sep 2020	23	82	1	83	80	0	84	7149.87	109
<b>WY 2020</b>	<b>632</b>	<b>909</b>	<b>24</b>	<b>933</b>	<b>917</b>	<b>0</b>	<b>933</b>		
* Oct 2020	21	66	1	67	66	0	66	7151.06	110
Nov 2020	22	20	2	22	24	0	24	7147.94	107
Dec 2020	20	21	1	22	22	0	22	7147.94	107
Jan 2021	18	21	1	22	22	0	22	7147.94	107
Feb 2021	17	17	2	19	19	0	19	7147.94	107
Mar 2021	28	19	3	22	22	0	22	7147.94	107
Apr 2021	60	40	10	50	50	0	50	7147.94	107
May 2021	160	45	15	60	60	0	60	7147.94	107
Jun 2021	205	91	10	101	101	0	101	7147.94	107
Jul 2021	80	76	5	81	81	0	81	7147.94	107
Aug 2021	46	80	2	82	82	0	82	7147.94	107
Sep 2021	28	70	3	73	73	0	73	7147.94	107
<b>WY 2021</b>	<b>705</b>	<b>567</b>	<b>55</b>	<b>622</b>	<b>622</b>	<b>0</b>	<b>622</b>		
Oct 2021	32	68	3	71	71	0	71	7147.94	107
Nov 2021	30	14	2	16	16	0	16	7147.94	107
Dec 2021	28	15	2	17	17	0	17	7147.94	107
Jan 2022	27	15	2	18	18	0	18	7147.94	107
Feb 2022	25	14	2	16	16	0	16	7147.94	107
Mar 2022	41	17	4	20	20	0	20	7147.94	107
Apr 2022	89	38	11	49	49	0	49	7147.94	107
May 2022	220	213	21	234	234	0	234	7147.94	107
Jun 2022	280	40	18	58	58	0	58	7147.94	107
Jul 2022	102	80	4	84	84	0	84	7147.94	107
Aug 2022	62	83	2	86	85	0	85	7147.94	107
Sep 2022	40	81	2	84	83	0	83	7147.94	107
<b>WY 2022</b>	<b>975</b>	<b>678</b>	<b>72</b>	<b>750</b>	<b>749</b>	<b>0</b>	<b>749</b>		
Oct 2022	40	81	3	84	84	0	84	7147.94	107

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



## November 2020 24-Month Study

Most Probable Inflow\*

### Crystal Reservoir

Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
* Nov 2019	35	71	4	75	76	0	76	6746.90	15	2	72
H Dec 2019	35	85	4	89	89	0	89	6746.40	15	0	86
I Jan 2020	31	63	4	67	58	9	67	6745.61	15	1	64
S Feb 2020	26	41	3	44	24	19	43	6748.71	16	1	43
T Mar 2020	42	42	6	47	45	1	46	6754.38	17	11	33
O Apr 2020	59	76	5	81	81	0	81	6754.37	17	55	26
R May 2020	174	109	12	121	99	14	121	6754.46	17	65	54
I Jun 2020	148	85	6	91	92	0	93	6747.34	15	62	32
C Jul 2020	48	93	2	95	94	0	94	6750.20	16	65	32
A Aug 2020	27	97	1	97	97	0	97	6750.09	16	64	35
L Sep 2020	25	84	1	85	59	27	85	6749.98	16	59	28
<b>WY 2020</b>	<b>683</b>	<b>933</b>	<b>51</b>	<b>984</b>	<b>905</b>	<b>72</b>	<b>984</b>			<b>447</b>	<b>535</b>
* Oct 2020	23	66	2	68	49	19	67	6751.39	16	42	25
Nov 2020	24	24	2	26	27	0	27	6749.63	16	0	27
Dec 2020	23	22	3	25	25	0	25	6749.63	16	0	25
Jan 2021	21	22	3	25	25	0	25	6749.63	16	0	25
Feb 2021	20	19	3	22	22	0	22	6749.63	16	0	22
Mar 2021	34	22	6	28	28	0	28	6749.63	16	5	23
Apr 2021	70	50	10	60	60	0	60	6749.63	16	42	18
May 2021	180	60	20	80	80	0	80	6749.63	16	62	18
Jun 2021	230	101	25	126	126	0	126	6749.63	16	61	65
Jul 2021	85	81	5	86	86	0	86	6749.63	16	65	21
Aug 2021	50	82	4	86	86	0	86	6749.63	16	65	21
Sep 2021	35	73	7	80	52	28	80	6749.63	16	55	25
<b>WY 2021</b>	<b>795</b>	<b>622</b>	<b>90</b>	<b>712</b>	<b>664</b>	<b>47</b>	<b>711</b>			<b>397</b>	<b>314</b>
Oct 2021	39	71	7	78	78	0	78	6749.63	16	30	48
Nov 2021	35	16	5	21	21	0	21	6749.63	16	0	21
Dec 2021	33	17	5	22	22	0	22	6749.63	16	0	22
Jan 2022	31	18	4	22	22	0	22	6749.63	16	0	22
Feb 2022	29	16	4	19	19	0	19	6749.63	16	0	19
Mar 2022	47	20	6	26	26	0	26	6749.63	16	5	21
Apr 2022	100	49	12	60	60	0	60	6749.63	16	42	18
May 2022	247	234	27	260	136	124	260	6749.63	16	62	198
Jun 2022	311	58	32	89	89	0	89	6749.63	16	61	28
Jul 2022	110	84	9	92	92	0	92	6749.63	16	65	27
Aug 2022	68	85	7	92	92	0	92	6749.63	16	65	27
Sep 2022	46	83	6	89	48	41	89	6749.63	16	55	34
<b>WY 2022</b>	<b>1097</b>	<b>749</b>	<b>122</b>	<b>871</b>	<b>705</b>	<b>165</b>	<b>871</b>			<b>385</b>	<b>486</b>
Oct 2022	47	84	6	90	90	0	90	6749.63	16	55	35

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



# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



## November 2020 24-Month Study

Most Probable Inflow\*

### Vallecito Reservoir

Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
* Nov 2019	4	2	7644.14	73
H Dec 2019	4	2	7645.07	75
I Jan 2020	5	2	7646.26	78
S Feb 2020	4	2	7647.01	80
T Mar 2020	6	2	7648.55	84
O Apr 2020	16	4	7653.32	95
R May 2020	66	37	7664.35	124
I Jun 2020	38	48	7660.61	114
C Jul 2020	11	38	7649.57	86
A Aug 2020	5	36	7635.21	54
L Sep 2020	4	28	7620.77	30
<b>WY 2020</b>	<b>167</b>	<b>213</b>		
* Oct 2020	3	2	7620.99	30
Nov 2020	3	1	7622.03	32
Dec 2020	3	0	7623.52	34
Jan 2021	3	0	7624.88	36
Feb 2021	2	0	7625.89	38
Mar 2021	3	0	7627.41	41
Apr 2021	10	0	7632.72	50
May 2021	40	29	7638.19	61
Jun 2021	50	40	7642.58	70
Jul 2021	20	39	7633.05	51
Aug 2021	14	36	7619.35	28
Sep 2021	13	28	7605.00	13
<b>WY 2021</b>	<b>163</b>	<b>177</b>		
Oct 2021	11	15	7600.12	9
Nov 2021	8	2	7607.37	15
Dec 2021	7	2	7612.42	20
Jan 2022	6	2	7615.78	24
Feb 2022	5	2	7618.59	27
Mar 2022	9	2	7623.84	35
Apr 2022	23	2	7635.72	56
May 2022	69	31	7652.46	93
Jun 2022	68	43	7662.00	118
Jul 2022	24	42	7655.06	100
Aug 2022	17	38	7646.35	79
Sep 2022	18	29	7641.25	67
<b>WY 2022</b>	<b>266</b>	<b>209</b>		
Oct 2022	14	17	7639.67	64

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



## November 2020 24-Month Study

Most Probable Inflow\*

### Navajo Reservoir

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)	Farming Flow (1000 Ac-Ft)
* Nov 2019	15	0	13	1	0	25	6060.04	1348	46
H Dec 2019	17	0	15	1	1	36	6058.25	1326	59
I Jan 2020	16	0	14	1	1	31	6056.81	1308	44
S Feb 2020	17	0	15	1	3	24	6055.76	1295	37
T Mar 2020	35	2	30	2	5	26	6055.57	1292	35
O Apr 2020	80	11	60	2	25	29	6055.92	1297	37
R May 2020	199	27	142	4	37	32	6061.48	1367	122
I Jun 2020	65	8	64	4	41	31	6060.49	1354	96
C Jul 2020	3	1	29	4	47	47	6054.99	1285	59
A Aug 2020	-15	0	16	3	44	52	6048.01	1202	49
L Sep 2020	-7	0	17	2	21	47	6043.32	1149	47
<b>WY 2020</b>	<b>431</b>	<b>48</b>	<b>429</b>	<b>27</b>	<b>230</b>	<b>411</b>			<b>678</b>
* Oct 2020	7	0	7	1	9	43	6039.09	1103	45
Nov 2020	14	0	12	1	0	24	6037.97	1091	32
Dec 2020	13	0	11	1	0	20	6037.01	1081	28
Jan 2021	12	0	10	1	0	23	6035.75	1068	30
Feb 2021	16	0	14	1	0	17	6035.40	1064	24
Mar 2021	45	2	41	1	6	19	6036.80	1079	30
Apr 2021	80	7	63	2	22	21	6038.57	1097	47
May 2021	165	20	134	3	37	18	6045.49	1174	103
Jun 2021	155	18	127	4	53	18	6049.98	1225	113
Jul 2021	40	1	58	4	57	29	6047.21	1193	71
Aug 2021	32	1	53	3	48	29	6044.82	1166	57
Sep 2021	33	1	47	2	26	25	6044.22	1159	48
<b>WY 2021</b>	<b>612</b>	<b>50</b>	<b>577</b>	<b>24</b>	<b>258</b>	<b>286</b>			<b>628</b>
Oct 2021	38	1	41	2	9	18	6045.23	1171	38
Nov 2021	26	0	20	1	0	18	6045.39	1172	34
Dec 2021	25	0	20	1	0	18	6045.48	1173	34
Jan 2022	22	0	18	1	0	18	6045.37	1172	32
Feb 2022	30	0	26	1	0	17	6046.13	1181	29
Mar 2022	96	9	79	1	6	18	6050.76	1235	41
Apr 2022	152	18	113	2	22	18	6056.65	1306	68
May 2022	266	35	193	4	37	26	6066.53	1433	166
Jun 2022	212	27	160	5	54	30	6071.80	1506	182
Jul 2022	48	2	64	5	58	31	6069.67	1476	90
Aug 2022	30	2	49	4	48	31	6067.16	1442	64
Sep 2022	41	2	51	3	26	58	6064.44	1405	88
<b>WY 2022</b>	<b>987</b>	<b>96</b>	<b>834</b>	<b>28</b>	<b>260</b>	<b>300</b>			<b>869</b>
Oct 2022	43	0	47	2	9	31	6064.80	1410	54

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



## November 2020 24-Month Study

Most Probable Inflow\*

### Lake Powell

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)
* Nov 2019	404	466	34	626	0	626	3611.23	5082	12855	630
H Dec 2019	353	506	27	750	0	750	3608.74	5062	12604	756
I Jan 2020	277	419	8	760	0	760	3605.48	5036	12281	768
S Feb 2020	288	393	9	675	0	675	3602.72	5015	12011	687
T Mar 2020	475	505	15	700	0	700	3600.71	4999	11818	719
O Apr 2020	475	510	23	630	0	630	3599.32	4989	11685	652
R May 2020	1541	1253	27	629	0	629	3605.05	5033	12239	651
I Jun 2020	1453	1293	45	650	0	650	3610.62	5077	12793	663
C Jul 2020	290	332	53	750	0	750	3606.25	5042	12357	774
A Aug 2020	-20	200	51	833	0	833	3599.72	4992	11723	865
L Sep 2020	47	267	46	602	0	602	3595.98	4963	11371	628
<b>WY 2020</b>	<b>5848</b>	<b>6543</b>	<b>372</b>	<b>8230</b>	<b>0</b>	<b>8230</b>				<b>8425</b>
* Oct 2020	91	246	31	640	0	640	3591.72	4932	10977	671
Nov 2020	250	276	29	640	0	640	3587.69	4903	10613	642
Dec 2020	250	291	23	720	0	720	3582.95	4869	10194	725
Jan 2021	240	281	7	760	0	760	3577.70	4833	9744	771
Feb 2021	270	294	7	680	0	680	3573.35	4804	9380	690
Mar 2021	450	406	12	710	0	710	3569.77	4781	9089	723
Apr 2021	600	516	18	640	0	640	3568.14	4770	8957	656
May 2021	1350	1085	21	630	0	630	3573.08	4802	9358	646
Jun 2021	1900	1601	36	660	0	660	3582.97	4869	10196	677
Jul 2021	700	644	44	750	0	750	3581.37	4858	10057	774
Aug 2021	365	472	43	800	0	800	3577.34	4831	9714	820
Sep 2021	325	434	39	604	0	604	3575.04	4815	9520	617
<b>WY 2021</b>	<b>6791</b>	<b>6545</b>	<b>310</b>	<b>8234</b>	<b>0</b>	<b>8234</b>				<b>8413</b>
Oct 2021	424	465	27	480	0	480	3574.57	4812	9481	489
Nov 2021	437	430	26	500	0	500	3573.49	4805	9392	502
Dec 2021	364	414	21	600	0	600	3571.16	4790	9201	605
Jan 2022	355	404	6	720	0	720	3567.45	4766	8903	731
Feb 2022	399	425	6	640	0	640	3564.86	4750	8698	650
Mar 2022	653	556	11	675	0	675	3563.32	4740	8578	669
Apr 2022	945	765	17	600	0	600	3565.07	4751	8715	616
May 2022	2213	1890	22	600	0	600	3579.41	4845	9889	616
Jun 2022	2595	2090	38	630	0	630	3594.21	4950	11206	647
Jul 2022	898	803	48	710	0	710	3594.65	4953	11247	734
Aug 2022	445	530	48	760	0	760	3591.85	4933	10989	780
Sep 2022	386	524	44	565	0	565	3590.99	4927	10911	579
<b>WY 2022</b>	<b>10114</b>	<b>9296</b>	<b>314</b>	<b>7480</b>	<b>0</b>	<b>7480</b>				<b>7638</b>
Oct 2022	474	539	30	640	0	640	3589.66	4917	10789	640

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



## November 2020 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)
* Nov 2019	626	116	40	575	9.7	13	553	672	1083.85	10333
H Dec 2019	750	118	37	220	3.6	7	214	708	1090.49	10899
I Jan 2020	760	75	31	405	6.6	9	404	732	1094.68	11265
S Feb 2020	675	68	29	557	9.7	9	550	741	1096.27	11405
T Mar 2020	700	156	33	593	9.6	12	568	755	1098.59	11610
O Apr 2020	630	83	41	862	14.5	18	847	742	1096.39	11415
R May 2020	629	33	46	1057	17.2	32	1054	713	1091.32	10971
I Jun 2020	650	19	55	973	16.4	31	973	689	1087.07	10605
C Jul 2020	750	35	68	902	14.7	36	901	676	1084.63	10398
A Aug 2020	833	69	72	847	13.8	36	845	673	1084.04	10349
L Sep 2020	602	57	59	646	10.9	29	645	668	1083.21	10279
<b>WY 2020</b>	<b>8230</b>	<b>863</b>	<b>553</b>	<b>8263</b>		<b>256</b>	<b>8175</b>			
* Oct 2020	640	36	43	730	11.9	23	729	661	1081.88	10167
Nov 2020	640	68	43	681	11.4	9	681	659	1081.61	10145
Dec 2020	720	64	37	457	7.4	4	457	677	1084.81	10414
Jan 2021	760	95	31	518	8.4	11	518	695	1088.07	10691
Feb 2021	680	101	28	604	10.9	9	604	703	1089.60	10823
Mar 2021	710	91	32	957	15.6	15	957	691	1087.39	10632
Apr 2021	640	69	39	991	16.7	17	991	671	1083.65	10315
May 2021	630	49	44	953	15.5	20	953	650	1079.84	9998
Jun 2021	660	28	53	921	15.5	28	921	631	1076.26	9704
Jul 2021	750	73	65	828	13.5	33	828	624	1075.07	9607
Aug 2021	800	91	69	772	12.6	34	772	625	1075.26	9622
Sep 2021	604	75	57	700	11.8	30	700	619	1074.00	9520
<b>WY 2021</b>	<b>8234</b>	<b>840</b>	<b>539</b>	<b>9111</b>		<b>231</b>	<b>9110</b>			
Oct 2021	480	75	41	515	8.4	25	515	617	1073.70	9496
Nov 2021	500	68	41	621	10.4	15	621	611	1072.43	9393
Dec 2021	600	64	35	529	8.6	10	529	616	1073.47	9478
Jan 2022	720	95	29	534	8.7	11	534	631	1076.26	9704
Feb 2022	640	101	27	536	9.7	9	536	641	1078.21	9863
Mar 2022	675	91	30	927	15.1	15	927	628	1075.84	9669
Apr 2022	600	69	37	957	16.1	17	957	608	1071.87	9348
May 2022	600	49	42	939	15.3	21	939	586	1067.69	9017
Jun 2022	630	28	50	936	15.7	29	936	564	1063.40	8683
Jul 2022	710	73	61	828	13.5	33	828	556	1061.68	8551
Aug 2022	760	91	65	776	12.6	34	776	554	1061.37	8528
Sep 2022	565	75	53	683	11.5	31	683	546	1059.80	8408
<b>WY 2022</b>	<b>7480</b>	<b>878</b>	<b>513</b>	<b>8781</b>		<b>250</b>	<b>8781</b>			
Oct 2022	640	0	39	478	7.8	26	478	552	1061.01	8500

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



## November 2020 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)
* Nov 2019	575	-4	11	457	0	457	7.7	642.13	1675
H Dec 2019	220	0	9	248	0	248	4.0	640.77	1638
I Jan 2020	405	0	10	380	0	380	6.2	641.32	1653
S Feb 2020	557	-3	10	523	0	523	9.1	642.10	1674
T Mar 2020	593	3	13	549	0	549	8.9	643.32	1708
O Apr 2020	862	4	17	861	0	861	14.5	642.91	1696
R May 2020	1057	-2	22	1025	0	1025	16.7	643.17	1703
I Jun 2020	973	-10	25	932	0	933	15.7	643.34	1708
C Jul 2020	902	-4	25	884	0	884	14.4	642.91	1696
A Aug 2020	847	-10	23	822	0	822	13.4	642.61	1688
L Sep 2020	646	1	18	791	0	791	13.3	636.50	1525
<b>WY 2020</b>	<b>8263</b>	<b>-51</b>	<b>198</b>	<b>8063</b>	<b>0</b>	<b>8063</b>			
* Oct 2020	730	-12	15	725	0	725	11.8	635.65	1503
Nov 2020	681	-19	10	590	0	590	9.9	638.00	1564
Dec 2020	457	-12	9	409	0	409	6.7	639.01	1591
Jan 2021	518	-21	10	412	0	412	6.7	641.80	1666
Feb 2021	604	-10	10	584	0	584	10.5	641.80	1666
Mar 2021	957	-12	13	898	0	898	14.6	643.05	1700
Apr 2021	991	-12	17	964	0	964	16.2	643.00	1699
May 2021	953	-10	22	921	0	921	15.0	643.00	1699
Jun 2021	921	-15	25	881	0	881	14.8	643.00	1699
Jul 2021	828	-12	25	819	0	819	13.3	642.00	1671
Aug 2021	772	-12	23	737	0	737	12.0	642.00	1671
Sep 2021	700	-15	18	721	0	721	12.1	640.01	1618
<b>WY 2021</b>	<b>9111</b>	<b>-161</b>	<b>197</b>	<b>8660</b>	<b>0</b>	<b>8660</b>			
Oct 2021	515	-10	15	673	0	673	10.9	633.00	1434
Nov 2021	621	-19	10	541	0	541	9.1	635.00	1486
Dec 2021	529	-12	9	389	0	389	6.3	639.51	1604
Jan 2022	534	-21	10	441	0	441	7.2	641.80	1666
Feb 2022	536	-10	10	516	0	516	9.3	641.80	1666
Mar 2022	927	-12	13	868	0	868	14.1	643.05	1700
Apr 2022	957	-12	17	929	0	929	15.6	643.00	1699
May 2022	939	-10	22	907	0	907	14.7	643.00	1699
Jun 2022	936	-15	25	895	0	895	15.0	643.00	1699
Jul 2022	828	-12	25	819	0	819	13.3	642.00	1671
Aug 2022	776	-12	23	742	0	742	12.1	642.00	1671
Sep 2022	683	-15	18	704	0	704	11.8	640.01	1618
<b>WY 2022</b>	<b>8781</b>	<b>-159</b>	<b>197</b>	<b>8424</b>	<b>0</b>	<b>8424</b>			
Oct 2022	478	0	15	646	0	646	10.5	633.00	1434

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



## November 2020 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 CFS)
* Nov 2019	457	22	9	300	5.0	16	125	449.10	601	118
H Dec 2019	248	20	7	159	2.6	46	72	448.16	583	109
I Jan 2020	380	1	6	311	5.1	17	75	446.50	552	106
S Feb 2020	523	-3	8	400	6.9	3	75	448.15	583	138
T Mar 2020	549	15	9	455	7.4	43	94	446.04	543	198
O Apr 2020	861	29	11	642	10.8	55	148	447.41	569	171
R May 2020	1025	-7	13	752	12.2	61	180	447.51	571	132
I Jun 2020	933	-5	15	700	11.8	94	103	447.85	577	142
C Jul 2020	884	2	17	700	11.4	95	69	447.58	572	156
A Aug 2020	822	1	17	649	10.6	79	61	448.03	581	131
L Sep 2020	791	5	15	542	9.1	92	164	446.61	554	116
<b>WY 2020</b>	<b>8063</b>	<b>99</b>	<b>139</b>	<b>6041</b>	<b>631</b>	<b>631</b>	<b>1319</b>			<b>1585</b>
* Oct 2020	725	23	12	448	7.3	94	164	447.77	576	71
Nov 2020	590	16	9	359	6.0	96	143	447.50	571	91
Dec 2020	409	22	7	249	4.0	99	91	446.50	552	89
Jan 2021	412	20	6	264	4.3	97	60	446.50	552	102
Feb 2021	584	10	8	401	7.2	40	139	446.50	552	127
Mar 2021	898	5	9	648	10.5	86	148	446.70	555	168
Apr 2021	964	8	11	712	12.0	57	144	448.70	593	154
May 2021	921	15	13	693	11.3	64	154	448.70	593	127
Jun 2021	881	11	16	710	11.9	63	90	448.70	593	140
Jul 2021	819	18	17	703	11.4	64	54	448.00	580	151
Aug 2021	737	17	17	618	10.1	64	54	447.50	571	116
Sep 2021	721	17	15	530	8.9	63	120	447.50	570	112
<b>WY 2021</b>	<b>8660</b>	<b>182</b>	<b>139</b>	<b>6335</b>	<b>888</b>	<b>888</b>	<b>1361</b>			<b>1450</b>
Oct 2021	673	24	12	472	7.7	64	143	447.50	571	73
Nov 2021	541	16	9	340	5.7	63	141	447.50	570	91
Dec 2021	389	22	7	239	3.9	75	105	446.50	552	96
Jan 2022	441	20	6	262	4.3	88	100	446.50	552	99
Feb 2022	516	10	8	402	7.2	16	94	446.50	552	123
Mar 2022	868	5	9	646	10.5	88	117	446.70	555	162
Apr 2022	929	8	11	714	12.0	47	117	448.70	593	148
May 2022	907	15	13	706	11.5	62	129	448.70	593	124
Jun 2022	895	11	16	724	12.2	60	94	448.70	593	138
Jul 2022	819	18	17	700	11.4	62	59	448.00	580	148
Aug 2022	742	17	17	625	10.2	62	53	447.50	571	114
Sep 2022	704	17	15	531	8.9	60	106	447.50	570	110
<b>WY 2022</b>	<b>8424</b>	<b>183</b>	<b>139</b>	<b>6358</b>	<b>748</b>	<b>748</b>	<b>1256</b>			<b>1427</b>
Oct 2022	646	0	12	460	7.5	62	105	447.50	571	71

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



## November 2020 24-Month Study

Most Probable Inflow\*

### Hoover Dam - Lake Mead

Date	Power Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Capacity (MW)	Hoover Gross Energy (MKWH)	Percent of Units Available	KWH/AF
* Nov 2019	575	1083.85	10333	104	438.74	1192.0	221.9	75	386.0
H Dec 2019	220	1090.49	10899	567	448.42	838.0	81.6	52	371.4
I Jan 2020	405	1094.68	11265	366	451.06	1152.1	160.0	70	395.1
S Feb 2020	557	1096.27	11405	140	452.31	962.0	224.2	57	402.6
T Mar 2020	593	1098.59	11610	205	450.96	1136.0	237.0	69	399.6
O Apr 2020	862	1096.39	11415	-194	447.37	1138.0	351.1	69	407.4
R May 2020	1057	1091.32	10971	-444	443.68	1385.0	424.4	85	401.5
I Jun 2020	973	1087.07	10605	-366	438.87	1511.0	383.4	94	393.9
C Jul 2020	902	1084.63	10398	-207	437.22	1502.1	351.6	94	389.9
A Aug 2020	847	1084.04	10349	-50	438.65	1502.1	328.8	94	388.2
L Sep 2020	646	1083.21	10279	-70	441.07	1264.0	250.3	81	387.6
<b>WY 2020</b>	<b>8263</b>						<b>3256.3</b>		
* Oct 2020	730	1081.88	10167	-111	439.76	1154.0	284.7	74	390.2
Nov 2020	681	1081.61	10145	-23	433.90	1303.0	263.7	85	387.4
Dec 2020	457	1084.81	10414	269	434.04	1363.1	175.7	87	384.4
Jan 2021	518	1088.07	10691	277	436.69	1291.1	203.5	80	392.7
Feb 2021	604	1089.60	10823	132	439.58	1104.0	237.5	67	393.1
Mar 2021	957	1087.39	10632	-190	438.56	1133.1	385.7	70	402.9
Apr 2021	991	1083.65	10315	-317	435.21	1109.0	394.8	70	398.3
May 2021	953	1079.84	9998	-318	429.56	1377.0	371.1	88	389.6
Jun 2021	921	1076.26	9704	-294	424.59	1536.0	352.5	100	382.8
Jul 2021	828	1075.07	9607	-97	422.56	1536.0	317.3	100	383.0
Aug 2021	772	1075.26	9622	15	422.38	1553.0	293.2	100	379.9
Sep 2021	700	1074.00	9520	-102	422.50	1553.0	263.8	100	377.0
<b>WY 2021</b>	<b>9111</b>						<b>3543.3</b>		
Oct 2021	515	1073.70	9496	-25	424.96	1398.1	196.7	91	382.2
Nov 2021	621	1072.43	9393	-102	430.65	797.0	244.6	52	393.8
Dec 2021	529	1073.47	9478	84	427.02	1009.0	199.1	65	376.6
Jan 2022	534	1076.26	9704	226	427.43	913.0	202.4	58	379.2
Feb 2022	536	1078.21	9863	159	428.34	1026.0	205.9	65	384.0
Mar 2022	927	1075.84	9669	-194	425.56	1332.0	357.1	85	385.2
Apr 2022	957	1071.87	9348	-321	423.61	1062.4	368.8	70	385.5
May 2022	939	1067.69	9017	-331	417.69	1312.7	354.9	88	378.0
Jun 2022	936	1063.40	8683	-334	412.20	1472.4	348.0	100	371.9
Jul 2022	828	1061.68	8551	-132	409.56	1462.8	307.3	100	370.9
Aug 2022	776	1061.37	8528	-24	408.88	1461.0	285.6	100	367.8
Sep 2022	683	1059.80	8408	-120	408.59	1452.1	248.5	100	363.6
<b>WY 2022</b>	<b>8781</b>						<b>3318.8</b>		
Oct 2022	478	1061.01	8500	92	411.63	1327.9	176.0	91	368.5

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



## November 2020 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
* Nov 2019	457	7.7	642.13	1675	103	143.18	153.0	55.6	60	121.7
H Dec 2019	248	4.0	640.77	1638	-37	141.96	156.3	30.5	61	123.3
I Jan 2020	380	6.2	641.32	1653	15	141.95	156.3	49.9	61	131.3
S Feb 2020	523	9.1	642.10	1674	21	139.59	156.5	68.9	61	131.6
T Mar 2020	549	8.9	643.32	1708	33	142.51	164.5	67.4	65	122.6
O Apr 2020	861	14.5	642.91	1696	-11	137.62	253.3	109.7	99	127.4
R May 2020	1025	16.7	643.17	1703	7	140.19	255.0	128.5	100	125.3
I Jun 2020	932	15.7	643.34	1708	5	140.36	255.0	117.3	100	125.8
C Jul 2020	884	14.4	642.91	1696	-12	139.88	255.0	112.0	100	126.7
A Aug 2020	822	13.4	642.61	1688	-8	141.10	255.0	104.0	100	126.5
L Sep 2020	791	13.3	636.50	1525	-163	133.32	255.0	98.1	100	123.9
<b>WY 2020</b>	<b>8063</b>							<b>1015.1</b>		
* Oct 2020	725	11.8	635.65	1503	-22	134.17	215.5	86.4	85	119.1
Nov 2020	590	9.9	638.00	1564	62	135.01	168.3	71.8	66	121.6
Dec 2020	409	6.7	639.01	1591	27	138.12	153.0	50.9	60	124.4
Jan 2021	412	6.7	641.80	1666	75	139.99	153.0	52.0	60	126.1
Feb 2021	584	10.5	641.80	1666	0	139.73	156.6	73.5	61	125.9
Mar 2021	898	14.6	643.05	1700	34	138.81	205.7	112.3	81	125.1
Apr 2021	964	16.2	643.00	1699	-1	138.87	214.2	120.6	84	125.1
May 2021	921	15.0	643.00	1699	0	139.26	255.0	115.5	100	125.5
Jun 2021	881	14.8	643.00	1699	0	139.32	255.0	110.5	100	125.5
Jul 2021	819	13.3	642.00	1671	-27	139.35	255.0	102.8	100	125.5
Aug 2021	737	12.0	642.00	1671	0	139.35	255.0	92.5	100	125.5
Sep 2021	721	12.1	640.01	1618	-54	138.31	255.0	89.8	100	124.6
<b>WY 2021</b>	<b>8660</b>							<b>1078.6</b>		
Oct 2021	673	10.9	633.00	1434	-183	134.27	227.0	81.4	89	121.0
Nov 2021	541	9.1	635.00	1486	51	132.52	159.8	64.6	63	119.4
Dec 2021	389	6.3	639.51	1604	118	137.02	154.7	48.0	61	123.4
Jan 2022	441	7.2	641.80	1666	62	140.02	156.3	55.7	61	126.2
Feb 2022	516	9.3	641.80	1666	0	140.24	156.6	65.2	61	126.3
Mar 2022	868	14.1	643.05	1700	34	138.99	194.1	108.7	76	125.2
Apr 2022	929	15.6	643.00	1699	-1	139.06	249.9	116.4	98	125.3
May 2022	907	14.7	643.00	1699	0	139.34	255.0	113.8	100	125.5
Jun 2022	895	15.0	643.00	1699	0	139.24	255.0	112.3	100	125.4
Jul 2022	819	13.3	642.00	1671	-27	139.35	255.0	102.8	100	125.5
Aug 2022	742	12.1	642.00	1671	0	139.32	255.0	93.1	100	125.5
Sep 2022	704	11.8	640.01	1618	-54	138.42	255.0	87.8	100	124.7
<b>WY 2022</b>	<b>8424</b>							<b>1049.8</b>		
Oct 2022	646	10.5	633.00	1434	-183	134.44	227.0	78.3	89	121.1

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



## November 2020 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 Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
* Nov 2019	300	5.0	449.10	601	25	84.29	92.0	20.2	77	67.2
H Dec 2019	159	2.6	448.16	583	-18	81.68	100.6	9.4	84	59.1
I Jan 2020	311	5.1	446.50	552	-31	80.47	97.7	22.0	81	70.7
S Feb 2020	400	6.9	448.15	583	31	82.44	97.2	28.0	81	70.0
T Mar 2020	455	7.4	446.04	543	-39	78.08	120.0	30.0	100	65.9
O Apr 2020	642	10.8	447.41	569	25	81.56	120.0	44.4	100	69.2
R May 2020	752	12.2	447.51	571	2	77.41	120.0	51.8	100	68.9
I Jun 2020	700	11.8	447.85	577	6	79.56	120.0	48.8	100	69.7
C Jul 2020	700	11.4	447.58	572	-5	81.49	120.0	48.6	100	69.3
A Aug 2020	649	10.6	448.03	581	8	80.50	120.0	45.0	100	69.3
L Sep 2020	542	9.1	446.61	554	-27	78.70	120.0	37.7	100	69.6
<b>WY 2020</b>	<b>6041</b>							<b>416.0</b>		
* Oct 2020	448	7.3	447.77	576	22	81.85	90.0	30.9	75	68.9
Nov 2020	359	6.0	447.50	571	-5	76.42	90.0	23.4	75	65.2
Dec 2020	249	4.0	446.50	552	-19	74.56	116.1	15.4	97	62.1
Jan 2021	264	4.3	446.50	552	0	75.07	94.8	16.6	79	62.8
Feb 2021	401	7.2	446.50	552	0	75.21	92.1	26.0	77	65.0
Mar 2021	648	10.5	446.70	555	4	74.01	120.0	42.0	100	64.8
Apr 2021	712	12.0	448.70	593	38	75.08	120.0	46.9	100	65.8
May 2021	693	11.3	448.70	593	0	76.05	120.0	46.0	100	66.5
Jun 2021	710	11.9	448.70	593	0	76.05	120.0	47.3	100	66.6
Jul 2021	703	11.4	448.00	580	-13	75.71	120.0	46.6	100	66.2
Aug 2021	618	10.1	447.50	571	-9	75.13	120.0	40.5	100	65.5
Sep 2021	530	8.9	447.50	570	0	74.89	120.0	34.5	100	65.1
<b>WY 2021</b>	<b>6335</b>							<b>416.0</b>		
Oct 2021	472	7.7	447.50	571	0	76.14	92.9	31.0	77	65.8
Nov 2021	340	5.7	447.50	570	0	76.19	92.0	22.0	77	64.8
Dec 2021	239	3.9	446.50	552	-19	74.82	110.3	14.8	92	62.0
Jan 2022	262	4.3	446.50	552	0	75.12	93.9	16.5	78	62.8
Feb 2022	402	7.2	446.50	552	0	75.15	93.2	26.1	78	65.0
Mar 2022	646	10.5	446.70	555	4	74.01	120.0	41.8	100	64.8
Apr 2022	714	12.0	448.70	593	38	75.08	120.0	47.0	100	65.8
May 2022	706	11.5	448.70	593	0	76.05	120.0	46.9	100	66.5
Jun 2022	724	12.2	448.70	593	0	76.05	120.0	48.2	100	66.6
Jul 2022	700	11.4	448.00	580	-13	75.71	120.0	46.3	100	66.2
Aug 2022	625	10.2	447.50	571	-9	75.13	120.0	41.0	100	65.5
Sep 2022	531	8.9	447.50	570	0	74.89	120.0	34.5	100	65.1
<b>WY 2022</b>	<b>6358</b>							<b>416.2</b>		
Oct 2022	460	7.5	447.50	571	0	76.19	91.9	30.3	77	65.8

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



# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



## November 2020 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
* Nov 2019	280	31	22	25	14	5
H Dec 2019	336	51	26	30	17	5
I Jan 2020	338	51	18	22	11	5
S Feb 2020	296	47	12	14	4	4
T Mar 2020	307	46	11	13	7	4
<b>Winter 2020</b>	<b>1838</b>	<b>258</b>	<b>115</b>	<b>131</b>	<b>71</b>	<b>28</b>
O Apr 2020	276	44	21	25	16	5
R May 2020	276	37	23	37	19	7
I Jun 2020	290	58	24	28	18	8
C Jul 2020	335	35	27	32	18	9
A Aug 2020	367	43	28	32	19	7
L Sep 2020	262	37	23	28	11	2
<b>Summer 2020</b>	<b>1806</b>	<b>254</b>	<b>146</b>	<b>182</b>	<b>102</b>	<b>37</b>
* Oct 2020	277	24	18	22	9	0
Nov 2020	262	18	5	9	5	4
Dec 2020	291	21	6	8	4	4
Jan 2021	304	21	6	8	4	3
Feb 2021	269	19	5	7	4	3
Mar 2021	278	22	0	8	5	3
<b>Winter 2021</b>	<b>1681</b>	<b>124</b>	<b>39</b>	<b>61</b>	<b>31</b>	<b>17</b>
Apr 2021	250	21	0	18	10	3
May 2021	247	24	2	21	14	4
Jun 2021	263	42	26	36	21	7
Jul 2021	301	22	23	29	15	8
Aug 2021	319	31	24	29	15	5
Sep 2021	240	30	21	26	9	2
<b>Summer 2021</b>	<b>1619</b>	<b>170</b>	<b>95</b>	<b>159</b>	<b>83</b>	<b>28</b>
Oct 2021	190	21	20	25	13	5
Nov 2021	198	22	4	6	4	5
Dec 2021	236	34	4	6	4	5
Jan 2022	280	34	4	6	4	5
Feb 2022	248	31	4	6	3	4
Mar 2022	260	28	5	7	4	4
<b>Winter 2022</b>	<b>1412</b>	<b>169</b>	<b>41</b>	<b>56</b>	<b>32</b>	<b>27</b>
Apr 2022	231	27	11	17	10	4
May 2022	235	26	61	83	23	5
Jun 2022	255	61	12	21	15	7
Jul 2022	292	22	25	30	16	8
Aug 2022	312	31	26	30	16	5
Sep 2022	231	34	25	30	8	5
<b>Summer 2022</b>	<b>1324</b>	<b>167</b>	<b>136</b>	<b>181</b>	<b>80</b>	<b>30</b>
Oct 2022	262	27	25	30	15	5

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



BUREAU OF RECLAMATION

November 2020 24-Month Study

Most Probable Inflow\*

## Flood Control Criteria - Beginning of Month Conditions

Date	Flaming Gorge KAF			Blue Mesa KAF			Navajo KAF			Lake Powell KAF			Upper Basin Total KAF			Total KAF			Flaming Gorge KAF			Blue Mesa KAF			Navajo KAF			Lake Powell KAF			Tot or Max Allow KAF			BOM Space KAF			Total Required KAF			Sched Rel KAF			Mead FC Rel KAF			Mead Sys Cont MAF		
	685	703	736	437	435	435	593	605	615	13345	13709	14128	15060	15452	15915	32269	32684	32878	685	703	736	437	435	435	593	605	615	13345	13709	14128	17210	17232	16963	1715	1743	1787	32269	32684	32878	681	457	518	0	0	0	28.0	27.8	27.6
Nov 2020	****PREDICTED SPACE****																																															
Dec 2020	****EFFECTIVE SPACE****																																															
Jan 2021	****CREDITABLE SPACE****																																															
Jan 2021	****EFFECTIVE SPACE****																																															
Feb 2021	****CREDITABLE SPACE****																																															
Mar 2021	****EFFECTIVE SPACE****																																															
Apr 2021	****CREDITABLE SPACE****																																															
May 2021	****EFFECTIVE SPACE****																																															
Jun 2021	****CREDITABLE SPACE****																																															
Jul 2021	****EFFECTIVE SPACE****																																															
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Sep 2022	****CREDITABLE SPACE****																																															
Oct 2022	****EFFECTIVE SPACE****																																															

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Model Run ID: 3130

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