July 24-Month Study
Date: July 10, 2020

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

Current Reservoir Status

Reservoir	Jun Inflow (unregulated) (acre-feet)	Percent of Average (%)	July 9, Midnight Elevation (feet)	July 9, Midnight Reservoir Storage (acre-feet)
Fontenelle	288,100	96	6,504.09	329,700
Flaming Gorge	343,500	88	6,028.59	3,294,900
Blue Mesa	140,000	54	7,490.22	583,000
Navajo	65,200	29	6,058.77	1,332,000
Powell	1,452,900	54	3,609.58	12,688,000

Expected Operations

The operation of Lake Powell and Lake Mead in this July 2020 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the 2020 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2019 24-Month Study projections of the January 1, 2020, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2020.

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

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

The 2020 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/aop/AOP20.pdf.
The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The Colorado River DCPs are available for download at:
https://www.usbr.gov/lc/region/programs/dcp.html.

Fontenelle Reservoir – As of July 1, 2020, the Fontenelle Reservoir pool elevation is 6502.18 feet, which amounts to 91 percent of live storage capacity. Inflows for the month of June totaled 288,000 acre-feet (af) or 96 percent of average. As Spring Operations transition to the Summer Base flow period we anticipate inflows continuing to decline through July. Consequently, releases were decreased from 3,000 cfs to 2,700 cfs on July 1st.

The July final forecast for unregulated inflows into Fontenelle for the next three months projects below average conditions. July, August, and September inflow volumes amount to 138,000 af (78 percent of average), 60,000 af (78 percent of average), and 40,000 af (87 percent of average), respectively.
The July water supply forecast of the April through July inflow volume into the Fontenelle Reservoir is 670,000 acre-feet (92 percent of average).

The next Fontenelle Working Group meeting is scheduled for August 27, 2020. The meeting will be held at 10:00am at the Seedskadee National Wildlife Refuge. Depending on the COVID-19 (Coronavirus) situation we may need to change it to a virtual meeting using WebEX. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – As of July 2, 2020 Flaming Gorge Reservoir pool elevation is 6027.87 feet, which amounts to 87 percent of live storage capacity. Unregulated inflows for the month of June is 343,476 acre-feet (af) or 88 percent of average.

Releases are being increased to prepare for summer base flow period and Colorado Pikeminnow targets. Targeted flows at the USGS Jensen gage with the combination of Flaming Gorge Dam releases and Yampa River flows are estimated to be between 2,000 cfs to 2,600 cfs or within the +/- 25% of calculated base flows from Flaming Gorge Dam. This will result in daily average releases from the Flaming Gorge Dam starting at 900 cfs in early July and estimated to increase to 1,800 cfs in September. Releases from Flaming Gorge Dam will depend on how much flow is provided by the Yampa River.

The July final forecast for unregulated inflows into Flaming Gorge for the next three months projects below average conditions. July, August and September forecasted unregulated inflow volumes amount to 157,000 af (75 percent of average), 65,000 af (73 percent of average), and 48,000 af (87 percent of average), respectively.

The July water supply forecast of the April through July unregulated inflow volume into Flaming Gorge Reservoir is 825,000 acre-feet (84 percent of average), an Average Hydrologic classification.

Reclamation is planning to hold the next Flaming Gorge Working Group meeting on August 20, 2020, time and location to be determined.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186.

Aspinall Unit Reservoirs – As of July 6, 2020 releases from Crystal Dam are approximately 1,650 cfs. Gunnison Tunnel diversions for irrigation season are increasing each week and as of today UVWUA is diverting 1,050 cfs through the Gunnison Tunnel. The capacity of the Gunnison Tunnel is approximately 1,150 cfs. Flows in the Black Canyon are about 675 cfs.

The most recent forecast (July) for unregulated inflow during the water supply period (April through July) is projecting Blue Mesa will receive 390,000 af (58 percent of average).

Blue Mesa is not projected to fill this year based on the most recent inflow forecast. On July 6, 2020, the elevation of Blue Mesa was 7490.82 feet above sea level corresponding to a live storage of 587,700 af (71 percent of capacity). The elevation of Blue Mesa is now decreasing each day as releases are greater than inflows. The peak elevation of Blue Mesa occurred on June 19th when the elevation was 7492.87 feet when the storage in Blue Mesa Reservoir reached 603,855 acre-feet (72.8 percent of full capacity).

The unregulated inflow volume in June to Blue Mesa was 140,000 af (54 percent of average). Unregulated Inflow volumes forecasted for Blue Mesa for the next three months (July, August and September) are projected to be: 47,000 af (40 percent of average), 37,000 af (59 percent of average) and 30,000 af (79 percent of average), respectively. The July 24-Month Study is reflective of these new forecasts. The April through July forecasted most probable unregulated inflow volume to Blue Mesa is 390,000 af (58 percent of average). The 2020 water year forecasted unregulated inflow volume is 628,800 af (66 percent of average).

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

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

Navajo Reservoir – On July 1st, the daily average release rate from Navajo Dam was approximately 800 cfs while reservoir inflow (modified unregulated) was averaging approximately 320 cfs. The water surface elevation was 6060.3 feet above sea level. At this elevation the live storage is 1.35 maf (79 percent of live storage capacity) and the active storage is 0.69 maf (66 percent of active storage capacity). NIIP is diverting 708 cfs. The river flow measured at the Animas River at Farmington USGS gage was at 281 cfs. River flow at the San Juan River at Four Corners USGS gage was 639 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 June was 65 kaf (31 percent of average for the month).

Forecast modified-unregulated inflow to Navajo over the next three months (July, August, and September) are projected to be: 12 kaf (18 percent of average), 16 kaf (35 percent of average), and 23 kaf (53 percent of average), respectively.

The April through July runoff forecasts are as follows:

Min Probable: 345 kaf (47 percent of average)
Most Probable: 352 kaf (48 percent of average)
Max Probable: 364 kaf (49 percent of average)

Releases for the fall and winter will be made to target the San Juan River Recovery Implementation Program's recommended downstream baseflow range of 500 cfs to 1000 cfs. Current modeling shows the release will most likely vary between 600 and 1000 cfs to accomplish this for the remainder of summer.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir. The next meeting will take place in late August, with meeting details forthcoming.

Glen Canyon Dam / Lake Powell

Current Status
The unregulated inflow volume to Lake Powell during June was 1,453 thousand acre-feet (kaf) (54 percent of average). The release volume from Glen Canyon Dam in June 650 kaf. The end of June elevation and storage of Lake Powell were 3610.62 ft (89 feet from full pool) and 12.79 maf (53 percent of full capacity), respectively.

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

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

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

Flows during the experiment will include steady weekend water releases with routine hydropower production flows on weekdays that include normal hourly changes in release rates. Those steady weekend flows are expected to provide favorable conditions for aquatic insects to lay and cement their eggs to rocks, vegetation, and other materials near the river's edge. Steady weekend flows will be relatively low, within two inches of typical weekday low water levels. It is unlikely casual recreational river users will notice the changes in water levels. Insects expected to benefit from this experiment are an important food source for many species of fish, birds, and bats in the canyon. Beyond expected resource benefits, this experiment will also provide scientific information that will be used in future decision making. Although every effort will be made to match the design of the experiment described above, Reclamation will continue to exercise the operational flexibility described in the LTEMP ROD.

Macroinvertebrate Release Information

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

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 30 mw (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2020 unregulated inflow to Lake Powell, issued on June 1, 2020, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume this year will be 6.59 maf (61 percent of average). There is significant uncertainty regarding this season's snowpack development and resulting runoff into Lake Powell. Reclamation updates the minimum and maximum probable forecasts four times a year: January, April, August and October. The April forecast ranges from a minimum probable of 6.73 maf (62 percent of average) to a maximum probable of 11.24 maf (104 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the July 24-Month Study projects Lake Powell elevation will end water year 2020 near 3,602.03 feet with approximately 11.94 maf in storage (49 percent of capacity). Note that projections of elevation and storage for water year 2020 have some uncertainty at this point in the season. Projections of end of water year 2020

elevation and storage using the minimum and maximum probable inflow forecast from April 2020 are 3,604.01 feet (12.14 maf, 50 percent of capacity) and 3,636.08 feet (15.55 maf, 64 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2020 will be 8.23 maf under all scenarios.

Upper Colorado River Basin Hydrology

Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 20-year period 2000 to 2019, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 4 out of the past 19 years. The period 2000-2019 is the lowest 20-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.76 maf, or 81 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2019 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2018 unregulated inflow volume to Lake Powell was 4.6 maf (43 percent of average), the third driest year on record above 2002 and 1977. Under the current most probable forecast, the total water year 2020 unregulated inflow to Lake Powell is projected to be 6.59 maf (61 percent of average).

At the beginning of water year 2020, total system storage in the Colorado River Basin was 31.64 maf (53 percent of 59.6 maf total system capacity). This is an increase of 3.64 maf over the total storage at the beginning of water year 2019 when total system storage was 28 maf (47 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to the now current level of 53 percent of capacity at the beginning of water year 2020. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2020 is approximately 29.21 maf (48 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

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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				sep	Forecast				
:	mar	apr	may	jun	%Avg	jul	aug	sep	apr-jul	%Avg
GLDA3:Lake Powell	475	475	1541	1453	55%:	461/	300/	300/	3930/:	55%
GBRW4:Fontenelle	54	83	161	288	96%:	138/	60/	40/	670/:	92%
GRNU1:Flaming Gorge	106	114	218	343	88%:	150/	65/	48/	825/:	84%
BMDC2:Blue Mesa	34	50	153	140	54%:	47/	37/	30/	390/:	58%
MPSC2:Morrow Point	36	54	162	145	52%:	49/	40/	32/	410/:	55%
CLSC2:Crystal	42	59	174	149	47%:	53/	45/	36/	435/:	51%
TPIC2:Taylor Park	4.6	7.0	24	23	55%:	10.0/	7.0/	5.0/	64/:	65%
VCRC2:Vallecito	5.8	15.9	66	38	54%:	12/	12/	11/	132/:	68%
NVRN5:Navajo	35	80	199	65	29%:	8/	16/	23/	352/:	48%
LEMC2:Lemon	0.84	2.6	18.9	7.8	37%:	1.7/	2.5/	2.5/	31/:	56%
MPHC2:McPhee	5.0	11.2	55	18.4	25%:	6.0/	8.0/	6.5/	91/:	31%
RBSC2:Ridgway	3.7	4.5	17.0	19.1	49%:	9.0/	7.0/	6.0/	50/:	50%
YDLC2:Deerlodge	91	177	582	320	78%:	51/	19/	14/	1130/:	91%
DRGC2:Durango	10.2	27	120	90	59%:	28.0/	21.0/	20.0/	265/:	64%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

July 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)
*	Jul 2019	184	3	86	39	125	6502.48	317
H	Aug 2019	57	2	74	0	74	6499.98	298
I	Sep 2019	41	2	19	47	66	6496.36	271
	WY 2019	**1101**	**15**	**799**	**278**	**1077**		
S	Oct 2019	50	1	61	7	67	6493.83	253
T	Nov 2019	46	1	63	0	63	6491.39	236
O	Dec 2019	36	1	64	0	64	6487.01	208
R	Jan 2020	34	1	64	0	64	6481.89	177
I	Feb 2020	32	1	60	0	60	6476.34	147
C	Mar 2020	54	1	65	0	65	6473.94	136
A	Apr 2020	83	1	73	0	73	6475.89	145
L	May 2020	161	1	101	0	101	6486.37	203
*	Jun 2020	288	2	107	73	180	6501.43	309
	Jul 2020	138	3	101	16	117	6503.76	328
	Aug 2020	60	2	67	0	67	6502.54	318
	Sep 2020	40	2	62	0	62	6499.36	294
	WY 2020	**1022**	**16**	**889**	**96**	**985**		
	Oct 2020	45	1	24	40	65	6496.53	273
	Nov 2020	40	1	67	0	67	6492.62	246
	Dec 2020	32	1	69	0	69	6486.89	208
	Jan 2021	30	1	69	0	69	6480.23	168
	Feb 2021	28	0	62	0	62	6473.18	133
	Mar 2021	45	0	66	0	66	6468.10	111
	Apr 2021	70	1	66	0	66	6468.87	114
	May 2021	135	1	86	0	86	6479.09	162
	Jun 2021	265	2	102	34	135	6498.75	290
	Jul 2021	170	3	102	29	132	6503.43	325
	Aug 2021	60	2	76	0	76	6501.05	307
	Sep 2021	45	2	20	45	65	6498.08	285
	WY 2021	**965**	**15**	**811**	**149**	**960**		
	Oct 2021	48	1	68	0	68	6495.21	264
	Nov 2021	42	1	67	0	67	6491.50	238
	Dec 2021	32	1	69	0	69	6485.69	200
	Jan 2022	30	1	69	0	69	6478.87	161
	Feb 2022	28	0	62	0	62	6471.47	125
	Mar 2022	53	0	69	0	69	6467.47	109
	Apr 2022	85	1	73	0	73	6470.29	120
	May 2022	164	1	90	0	90	6484.49	193
	Jun 2022	299	2	103	92	195	6499.47	295

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

Model Run ID: 3120

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

July 2020 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

— BUREAU OF —
RECLAMATION

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Jul 2019	227	169	14	100	0	100	141	6033.89	3502	376
H	Aug 2019	59	76	13	109	0	109	139	6032.79	3458	151
I	Sep 2019	49	74	11	113	0	113	137	6031.57	3410	134
	WY 2019	**1553**	**1529**	**82**	**1315**	**100**	**1415**				**3351**
S	Oct 2019	53	70	7	80	0	80	136	6031.13	3393	109
T	Nov 2019	63	79	4	81	0	81	136	6030.99	3387	115
O	Dec 2019	39	67	2	128	0	128	134	6029.43	3327	169
R	Jan 2020	49	80	2	133	0	133	132	6028.03	3274	168
I	Feb 2020	47	76	2	124	0	124	130	6026.75	3225	157
C	Mar 2020	106	117	3	119	0	119	130	6026.61	3220	228
A	Apr 2020	114	104	5	112	0	112	129	6026.26	3207	308
L	May 2020	218	158	8	98	31	129	130	6026.81	3228	672
*	Jun 2020	343	236	10	157	31	188	131	6027.76	3263	530
	Jul 2020	150	129	13	79	0	79	133	6028.69	3299	130
	Aug 2020	65	72	13	103	0	103	131	6027.58	3257	122
	Sep 2020	48	70	11	105	0	105	129	6026.41	3213	119
	WY 2020	**1295**	**1258**	**81**	**1320**	**62**	**1382**				**2829**
	Oct 2020	55	75	7	77	0	77	129	6026.17	3204	104
	Nov 2020	50	77	3	69	0	69	129	6026.29	3208	102
	Dec 2020	35	72	2	92	0	92	128	6025.73	3187	118
	Jan 2021	40	79	2	92	0	92	128	6025.34	3173	117
	Feb 2021	42	76	2	83	0	83	127	6025.11	3164	105
	Mar 2021	90	111	3	79	0	79	128	6025.88	3193	149
	Apr 2021	120	116	5	76	0	76	130	6026.79	3227	266
	May 2021	200	151	8	95	0	95	132	6028.02	3273	590
	Jun 2021	325	195	10	215	0	215	131	6027.25	3244	665
	Jul 2021	195	157	13	71	0	71	133	6029.08	3314	146
	Aug 2021	70	86	13	86	0	86	133	6028.77	3302	107
	Sep 2021	53	73	11	92	0	92	132	6028.01	3273	108
	WY 2021	**1275**	**1270**	**79**	**1128**	**0**	**1128**				**2578**
	Oct 2021	58	77	7	75	0	75	131	6027.88	3268	104
	Nov 2021	50	76	3	79	0	79	131	6027.69	3261	109
	Dec 2021	35	72	2	118	0	118	129	6026.47	3215	143
	Jan 2022	40	79	2	118	0	118	128	6025.42	3176	143
	Feb 2022	45	79	2	107	0	107	127	6024.66	3148	135
	Mar 2022	102	119	3	71	0	71	128	6025.83	3191	147
	Apr 2022	134	121	5	81	0	81	130	6026.74	3225	296
	May 2022	245	171	8	110	0	110	132	6028.11	3277	642
	Jun 2022	390	285	10	200	0	200	135	6029.98	3348	621

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

Model Run ID: 3120

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

July 2020 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

— BUREAU OF — RECLAMATION

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2019	47	32	9328.49	103
H	Aug 2019	15	24	9323.77	94
I	Sep 2019	7	20	9316.42	81
	WY 2019	**191**	**168**		
S	Oct 2019	7	11	9314.38	77
T	Nov 2019	5	6	9313.69	76
O	Dec 2019	5	6	9313.35	75
R	Jan 2020	5	6	9312.60	74
I	Feb 2020	4	6	9311.82	73
C	Mar 2020	5	6	9310.93	71
A	Apr 2020	7	6	9311.67	73
L	May 2020	24	10	9319.49	86
*	Jun 2020	23	17	9323.06	93
	Jul 2020	10	22	9316.72	81
	Aug 2020	7	19	9309.41	69
	Sep 2020	5	18	9300.77	56
	WY 2020	**107**	**131**		
	Oct 2020	5	7	9299.08	54
	Nov 2020	4	5	9298.29	53
	Dec 2020	4	5	9296.98	51
	Jan 2021	4	5	9295.64	49
	Feb 2021	3	5	9294.26	48
	Mar 2021	3	5	9292.42	46
	Apr 2021	6	10	9288.86	42
	May 2021	25	14	9298.06	53
	Jun 2021	38	20	9310.42	71
	Jul 2021	15	24	9304.88	62
	Aug 2021	8	19	9296.90	51
	Sep 2021	6	18	9286.98	40
	WY 2021	**120**	**137**		
	Oct 2021	6	12	9281.18	34
	Nov 2021	5	5	9280.89	34
	Dec 2021	5	5	9280.32	33
	Jan 2022	4	5	9279.36	32
	Feb 2022	4	5	9278.32	31
	Mar 2022	4	5	9277.43	31
	Apr 2022	9	10	9275.95	29
	May 2022	28	14	9290.74	44
	Jun 2022	42	20	9307.09	65

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

Model Run ID: 3120

Processed On: 7/9/2020 5:07:18PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

July 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)
*	Jul 2019	282	266	2	87	51	138	7518.61	823
H	Aug 2019	92	100	1	76	62	137	7514.39	784
I	Sep 2019	32	45	1	45	47	93	7508.84	736
	WY 2019	**1344**	**1320**	**7**	**601**	**260**	**859**		
S	Oct 2019	28	32	1	63	3	85	7502.51	682
T	Nov 2019	31	32	0	54	0	72	7497.63	642
O	Dec 2019	30	30	0	70	0	85	7490.79	588
R	Jan 2020	26	28	0	44	0	61	7486.45	554
I	Feb 2020	23	25	0	30	0	41	7484.20	537
C	Mar 2020	34	36	0	38	0	38	7483.85	534
A	Apr 2020	50	49	1	73	0	73	7480.49	510
L	May 2020	153	140	1	82	17	99	7485.88	550
*	Jun 2020	140	132	1	83	3	86	7491.64	594
	Jul 2020	47	59	1	101	0	101	7486.03	551
	Aug 2020	37	49	1	63	18	81	7481.61	518
	Sep 2020	30	43	1	74	0	74	7477.14	485
	WY 2020	**629**	**653**	**8**	**776**	**41**	**896**		
	Oct 2020	29	31	0	69	0	69	7471.70	447
	Nov 2020	24	25	0	18	0	18	7472.75	455
	Dec 2020	21	23	0	25	0	25	7472.43	452
	Jan 2021	19	21	0	26	0	26	7471.67	447
	Feb 2021	16	18	0	23	0	23	7470.90	442
	Mar 2021	28	30	0	0	25	25	7471.59	447
	Apr 2021	60	64	1	0	46	46	7474.17	464
	May 2021	190	179	1	6	27	33	7493.57	609
	Jun 2021	260	242	1	152	0	152	7504.44	698
	Jul 2021	90	99	1	77	0	77	7506.78	718
	Aug 2021	50	61	1	82	0	82	7504.14	696
	Sep 2021	33	45	1	76	0	76	7500.19	663
	WY 2021	**820**	**837**	**8**	**553**	**98**	**651**		
	Oct 2021	35	41	1	79	0	79	7495.44	624
	Nov 2021	30	30	0	28	0	28	7495.71	626
	Dec 2021	26	26	0	60	0	60	7491.39	592
	Jan 2022	24	25	0	55	0	55	7487.58	563
	Feb 2022	22	23	0	38	0	38	7485.62	548
	Mar 2022	36	37	0	43	0	43	7484.72	541
	Apr 2022	77	78	1	67	0	67	7486.06	551
	May 2022	221	207	1	183	0	183	7489.06	574
	Jun 2022	261	239	1	41	0	41	7512.83	771

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

Model Run ID: 3120

Processed On: 7/9/2020 5:07:18PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

July 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)
*	Jul 2019	295	138	13	150	151	0	151	7154.18	112
H	Aug 2019	93	137	2	139	137	0	139	7153.99	112
I	Sep 2019	32	93	1	93	60	0	96	7151.09	110
	WY 2019	**1446**	**859**	**102**	**961**	**858**	**0**	**949**		
S	Oct 2019	29	85	1	86	78	0	89	7147.86	107
T	Nov 2019	31	72	1	72	71	0	71	7148.85	108
O	Dec 2019	30	85	1	85	85	0	85	7149.10	108
R	Jan 2020	27	61	1	61	63	0	63	7147.47	107
I	Feb 2020	23	41	0	41	41	0	41	7147.88	107
C	Mar 2020	36	38	2	40	42	0	42	7145.65	106
A	Apr 2020	54	73	4	77	76	0	76	7147.10	107
L	May 2020	162	99	10	109	109	0	109	7146.72	107
*	Jun 2020	143	86	4	90	85	0	85	7152.53	111
	Jul 2020	49	101	2	103	106	0	106	7147.94	107
	Aug 2020	40	81	3	84	84	0	84	7147.94	107
	Sep 2020	32	74	2	76	76	0	76	7147.94	107
	WY 2020	**658**	**896**	**29**	**925**	**916**	**0**	**927**		
	Oct 2020	32	69	3	72	72	0	72	7147.94	107
	Nov 2020	26	18	2	20	20	0	20	7147.94	107
	Dec 2020	23	25	2	27	27	0	27	7147.94	107
	Jan 2021	21	26	2	28	28	0	28	7147.94	107
	Feb 2021	19	23	3	26	26	0	26	7147.94	107
	Mar 2021	31	25	3	28	28	0	28	7147.94	107
	Apr 2021	70	46	10	56	56	0	56	7147.94	107
	May 2021	210	33	20	53	53	0	53	7147.94	107
	Jun 2021	275	152	15	167	167	0	167	7147.94	107
	Jul 2021	95	77	5	82	82	0	82	7147.94	107
	Aug 2021	53	82	3	85	85	0	85	7147.94	107
	Sep 2021	35	76	2	78	78	0	78	7147.94	107
	WY 2021	**890**	**651**	**70**	**721**	**721**	**0**	**721**		
	Oct 2021	37	79	2	81	81	0	81	7147.94	107
	Nov 2021	32	28	2	30	30	0	30	7147.94	107
	Dec 2021	28	60	2	62	62	0	62	7147.94	107
	Jan 2022	27	55	2	57	57	0	57	7147.94	107
	Feb 2022	25	38	3	40	40	0	40	7147.94	107
	Mar 2022	40	43	4	47	47	0	47	7147.94	107
	Apr 2022	88	67	11	79	79	0	79	7147.94	107
	May 2022	247	183	26	209	209	0	209	7147.94	107
	Jun 2022	281	41	20	61	61	0	61	7147.94	107

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

Model Run ID: 3120

Processed On: 7/9/2020 5:07:18PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

July 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)
*	Jul 2019	321	151	26	177	121	57	178	6746.79	15	59	124
H	Aug 2019	98	139	5	144	119	28	147	6733.35	12	64	87
I	Sep 2019	36	96	4	99	94	0	95	6750.61	16	61	33
	WY 2019	**1587**	**949**	**142**	**1091**	**768**	**210**	**1087**			**344**	**747**
S	Oct 2019	33	89	3	92	92	0	92	6749.75	16	64	29
T	Nov 2019	35	71	4	75	76	0	76	6746.90	15	2	72
O	Dec 2019	34	85	4	89	89	0	89	6746.40	15	0	86
R	Jan 2020	31	63	4	67	58	9	67	6745.61	15	1	64
I	Feb 2020	26	41	3	44	24	19	43	6748.71	16	1	43
C	Mar 2020	42	42	6	47	45	1	46	6754.38	17	11	33
A	Apr 2020	59	76	5	81	81	0	81	6754.37	17	55	26
L	May 2020	174	109	12	121	99	14	121	6754.46	17	65	54
*	Jun 2020	149	85	5	91	92	0	93	6747.44	15	62	32
	Jul 2020	53	106	4	110	109	0	109	6749.63	16	65	44
	Aug 2020	45	84	5	89	89	0	89	6749.63	16	65	24
	Sep 2020	36	76	4	80	80	0	80	6749.63	16	55	25
	WY 2020	**717**	**927**	**59**	**986**	**935**	**45**	**986**			**444**	**534**
	Oct 2020	37	72	5	77	77	0	77	6749.63	16	30	47
	Nov 2020	30	20	4	24	24	0	24	6749.63	16	0	24
	Dec 2020	27	27	4	31	31	0	31	6749.63	16	0	31
	Jan 2021	24	28	3	31	31	0	31	6749.63	16	0	31
	Feb 2021	21	26	2	28	28	0	28	6749.63	16	0	28
	Mar 2021	36	28	5	33	33	0	33	6749.63	16	5	28
	Apr 2021	80	56	10	66	66	0	66	6749.63	16	42	24
	May 2021	240	53	30	83	83	0	83	6749.63	16	62	21
	Jun 2021	310	167	35	202	132	70	202	6749.63	16	61	141
	Jul 2021	105	82	10	92	92	0	92	6749.63	16	65	27
	Aug 2021	60	85	7	92	92	0	92	6749.63	16	65	27
	Sep 2021	40	78	5	83	52	31	83	6749.63	16	55	28
	WY 2021	**1010**	**721**	**120**	**841**	**740**	**101**	**841**			**385**	**456**
	Oct 2021	42	81	5	86	86	0	86	6749.63	16	30	56
	Nov 2021	36	30	4	34	34	0	34	6749.63	16	0	34
	Dec 2021	32	62	5	67	67	0	67	6749.63	16	0	67
	Jan 2022	31	57	5	61	61	0	61	6749.63	16	0	61
	Feb 2022	29	40	4	44	44	0	44	6749.63	16	0	44
	Mar 2022	46	47	6	53	53	0	53	6749.63	16	5	48
	Apr 2022	101	79	12	91	91	0	91	6749.63	16	42	49
	May 2022	281	209	34	243	136	107	243	6749.63	16	62	181
	Jun 2022	315	61	34	95	95	0	95	6749.63	16	61	34

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

Model Run ID: 3120

Processed On: 7/9/2020 5:07:18PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

July 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)
*	Jul 2019	69	68	7664.45	124
H	Aug 2019	20	38	7657.21	105
I	Sep 2019	8	33	7646.82	79
	WY 2019	**378**	**316**		
S	Oct 2019	4	13	7643.13	71
T	Nov 2019	4	2	7644.14	73
O	Dec 2019	4	2	7645.07	75
R	Jan 2020	5	2	7646.26	78
I	Feb 2020	4	2	7647.01	80
C	Mar 2020	6	2	7648.55	84
A	Apr 2020	16	4	7653.32	95
L	May 2020	66	37	7664.35	124
*	Jun 2020	38	48	7660.61	114
	Jul 2020	12	41	7648.67	84
	Aug 2020	12	38	7636.83	58
	Sep 2020	11	29	7626.74	39
	WY 2020	**182**	**219**		
	Oct 2020	10	16	7622.48	33
	Nov 2020	7	2	7625.41	37
	Dec 2020	5	2	7627.32	40
	Jan 2021	5	2	7629.14	43
	Feb 2021	4	2	7630.42	46
	Mar 2021	7	2	7633.15	51
	Apr 2021	19	2	7641.48	68
	May 2021	63	31	7654.89	99
	Jun 2021	66	43	7663.62	122
	Jul 2021	27	42	7657.86	107
	Aug 2021	17	38	7649.29	85
	Sep 2021	15	30	7642.79	71
	WY 2021	**245**	**211**		
	Oct 2021	14	17	7641.31	67
	Nov 2021	8	2	7643.94	73
	Dec 2021	6	2	7645.89	78
	Jan 2022	5	2	7647.39	81
	Feb 2022	5	2	7648.65	84
	Mar 2022	9	2	7651.39	91
	Apr 2022	23	2	7659.78	112
	May 2022	71	58	7664.47	124
	Jun 2022	70	70	7664.29	124

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

Model Run ID: 3120

Processed On: 7/9/2020 5:07:18PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

July 2020 24-Month Study

Most Probable Inflow*

Navajo Reservoir

— BUREAU OF — RECLAMATION

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azotea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Jul 2019	171	26	142	5	47	60	6073.56	1531	228
H	Aug 2019	40	6	52	4	42	78	6068.40	1459	104
I	Sep 2019	3	0	29	3	29	67	6063.13	1388	73
	WY 2019	**1401**	**150**	**1188**	**26**	**211**	**483**			**1266**
S	Oct 2019	5	0	14	2	6	32	6061.08	1362	47
T	Nov 2019	15	0	13	1	0	25	6060.04	1348	46
O	Dec 2019	17	0	15	1	1	36	6058.25	1326	59
R	Jan 2020	16	0	14	1	1	31	6056.81	1308	44
I	Feb 2020	17	0	15	1	3	24	6055.76	1295	35
C	Mar 2020	35	2	30	2	5	26	6055.57	1292	35
A	Apr 2020	80	11	60	2	25	29	6055.92	1297	37
L	May 2020	199	27	142	4	37	32	6061.48	1367	122
*	Jun 2020	65	8	64	4	41	31	6060.49	1354	93
	Jul 2020	8	0	37	4	57	44	6055.09	1287	72
	Aug 2020	16	0	41	3	48	36	6051.32	1241	57
	Sep 2020	23	0	41	3	26	29	6049.97	1225	49
	WY 2020	**497**	**48**	**486**	**27**	**248**	**373**			**696**
	Oct 2020	30	0	36	2	9	22	6050.27	1229	42
	Nov 2020	27	0	22	1	0	21	6050.33	1229	36
	Dec 2020	21	0	18	1	0	22	6049.97	1225	34
	Jan 2021	19	0	16	1	0	22	6049.44	1219	32
	Feb 2021	23	0	21	1	0	19	6049.46	1219	28
	Mar 2021	62	4	53	1	6	22	6051.51	1243	37
	Apr 2021	120	13	90	2	22	21	6055.22	1288	61
	May 2021	250	33	185	4	37	26	6064.59	1407	161
	Jun 2021	190	24	143	4	53	30	6068.71	1463	170
	Jul 2021	40	1	53	5	57	31	6065.81	1424	86
	Aug 2021	34	1	54	4	48	32	6063.56	1394	62
	Sep 2021	34	1	47	3	26	31	6062.59	1381	55
	WY 2021	**850**	**77**	**739**	**27**	**258**	**297**			**802**
	Oct 2021	40	2	41	2	9	31	6062.56	1381	54
	Nov 2021	31	0	25	1	0	30	6062.12	1375	46
	Dec 2021	25	0	21	1	0	31	6061.29	1364	46
	Jan 2022	22	0	18	1	0	31	6060.27	1351	44
	Feb 2022	30	0	27	1	0	28	6060.13	1349	40
	Mar 2022	92	9	77	2	6	31	6063.15	1388	53
	Apr 2022	170	21	128	3	22	30	6068.68	1462	82
	May 2022	277	37	227	4	37	186	6068.70	1463	333
	Jun 2022	224	29	195	4	54	276	6058.02	1323	428

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

Model Run ID: 3120

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

July 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)
*	Jul 2019	2451	2015	57	857	0	857	3621.60	5168	13933	896
H	Aug 2019	472	608	58	900	0	900	3618.55	5143	13610	932
I	Sep 2019	143	379	52	687	0	687	3615.36	5116	13277	703
	WY 2019	**12951**	**11787**	**356**	**8924**	**77**	**9001**				**9242**
S	Oct 2019	265	397	35	625	0	625	3612.99	5096	13034	633
T	Nov 2019	404	466	34	626	0	626	3611.23	5082	12855	630
O	Dec 2019	353	506	27	750	0	750	3608.74	5062	12604	756
R	Jan 2020	277	419	8	760	0	760	3605.48	5036	12281	768
I	Feb 2020	288	393	9	675	0	675	3602.72	5015	12011	687
C	Mar 2020	475	505	15	700	0	700	3600.71	4999	11818	719
A	Apr 2020	475	510	23	630	0	630	3599.32	4989	11685	652
L	May 2020	1541	1253	27	629	0	629	3605.05	5033	12239	651
*	Jun 2020	1453	1293	45	652	0	650	3610.62	5077	12793	663
	Jul 2020	461	539	54	750	0	750	3608.18	5058	12548	774
	Aug 2020	300	450	52	835	0	835	3604.07	5025	12143	855
	Sep 2020	300	433	47	600	0	600	3602.03	5009	11945	614
	WY 2020	**6592**	**7166**	**375**	**8232**	**0**	**8230**				**8401**
	Oct 2020	410	473	32	640	0	640	3600.10	4994	11760	649
	Nov 2020	425	432	31	640	0	640	3597.77	4977	11538	642
	Dec 2020	340	401	24	720	0	720	3594.37	4951	11221	725
	Jan 2021	310	371	7	860	0	860	3589.35	4915	10762	871
	Feb 2021	320	365	8	750	0	750	3585.27	4886	10398	760
	Mar 2021	500	455	13	800	0	800	3581.48	4859	10067	814
	Apr 2021	770	647	20	710	0	710	3580.59	4853	9990	726
	May 2021	1850	1434	24	710	0	710	3587.98	4905	10638	726
	Jun 2021	2450	2149	40	750	0	750	3601.52	5005	11896	767
	Jul 2021	900	812	50	850	0	850	3600.67	4999	11814	874
	Aug 2021	400	495	50	900	0	900	3596.22	4965	11393	920
	Sep 2021	325	432	45	670	0	670	3593.40	4944	11132	684
	WY 2021	**9000**	**8466**	**344**	**9000**	**0**	**9000**				**9158**
	Oct 2021	443	506	31	640	0	640	3591.74	4932	10979	649
	Nov 2021	441	467	29	640	0	640	3589.67	4917	10791	642
	Dec 2021	363	486	23	720	0	720	3587.02	4898	10553	725
	Jan 2022	361	478	7	860	0	860	3582.93	4869	10193	871
	Feb 2022	393	469	7	750	0	750	3579.83	4848	9925	760
	Mar 2022	665	594	12	800	0	800	3577.45	4832	9723	814
	Apr 2022	1056	895	19	710	0	710	3579.26	4844	9876	726
	May 2022	2343	2152	24	710	0	710	3594.03	4949	11189	726
	Jun 2022	2666	2392	42	750	0	750	3609.41	5067	12671	767

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

Model Run ID: 3120

Processed On: 7/9/2020 5:07:18PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

July 2020 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jul 2019	857	20	67	946	15.4	33	946	666	1082.82	10246
H	Aug 2019	900	64	71	802	13.0	34	801	669	1083.45	10299
I	Sep 2019	687	58	59	696	11.7	30	690	667	1083.00	10261
	WY 2019	**9001**	**1087**	**547**	**8892**		**234**	**8868**			
S	Oct 2019	625	34	43	626	10.2	25	621	665	1082.61	10228
T	Nov 2019	626	116	40	575	9.7	13	553	672	1083.85	10333
O	Dec 2019	750	118	37	220	3.6	7	214	708	1090.49	10899
R	Jan 2020	760	75	31	405	6.6	9	404	732	1094.68	11265
I	Feb 2020	675	68	29	557	9.7	9	550	741	1096.27	11405
C	Mar 2020	700	156	33	593	9.6	12	568	755	1098.59	11610
A	Apr 2020	630	83	41	862	14.5	18	847	742	1096.39	11415
L	May 2020	629	33	46	1057	17.2	31	1054	713	1091.32	10971
*	Jun 2020	650	19	55	973	16.4	30	972	689	1087.07	10605
	Jul 2020	750	73	68	890	14.5	29	890	679	1085.25	10451
	Aug 2020	835	91	72	823	13.4	30	823	679	1085.26	10452
	Sep 2020	600	75	59	732	12.3	25	732	671	1083.68	10318
	WY 2020	**8230**	**939**	**553**	**8313**		**238**	**8230**			
	Oct 2020	640	75	43	572	9.3	24	572	675	1084.53	10390
	Nov 2020	640	68	43	718	12.1	16	718	671	1083.76	10325
	Dec 2020	720	64	37	571	9.3	11	571	681	1085.59	10480
	Jan 2021	860	95	31	533	8.7	11	533	704	1089.77	10837
	Feb 2021	750	101	29	533	9.6	11	533	721	1092.79	11099
	Mar 2021	800	91	32	982	16.0	15	982	713	1091.30	10969
	Apr 2021	710	69	40	1047	17.6	21	1047	693	1087.72	10661
	May 2021	710	49	45	1007	16.4	27	1007	673	1084.18	10360
	Jun 2021	750	28	54	961	16.2	28	961	657	1081.22	10113
	Jul 2021	850	73	67	841	13.7	28	841	657	1081.09	10101
	Aug 2021	900	91	71	799	13.0	28	799	662	1082.12	10187
	Sep 2021	670	75	58	727	12.2	25	727	658	1081.38	10126
	WY 2021	**9000**	**878**	**548**	**9291**		**244**	**9291**			
	Oct 2021	640	75	43	535	8.7	24	535	665	1082.65	10232
	Nov 2021	640	68	43	654	11.0	17	654	665	1082.59	10227
	Dec 2021	720	64	37	491	8.0	12	491	680	1085.30	10455
	Jan 2022	860	95	31	519	8.4	11	519	704	1089.63	10825
	Feb 2022	750	101	29	520	9.4	11	520	721	1092.80	11100
	Mar 2022	800	91	32	968	15.8	15	968	714	1091.45	10983
	Apr 2022	710	69	40	1033	17.4	21	1033	695	1088.03	10687
	May 2022	710	49	45	993	16.2	28	993	676	1084.63	10399
	Jun 2022	750	28	54	947	15.9	28	947	661	1081.83	10163

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

Model Run ID: 3120

Processed On: 7/9/2020 5:07:18PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

July 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)
*	Jul 2019	946	-11	25	895	0	894	14.5	643.48	1712
H	Aug 2019	802	-11	23	800	0	800	13.0	642.31	1680
I	Sep 2019	696	-17	18	767	0	767	12.9	638.35	1573
	WY 2019	**8892**	**-142**	**198**	**8538**	**0**	**8539**			
S	Oct 2019	626	-24	15	589	0	589	9.6	638.28	1572
T	Nov 2019	575	-4	11	457	0	457	7.7	642.13	1675
O	Dec 2019	220	0	9	247	0	247	4.0	640.77	1638
R	Jan 2020	405	0	10	380	0	380	6.2	641.32	1653
I	Feb 2020	557	-3	10	523	0	523	9.1	642.10	1674
C	Mar 2020	593	3	13	549	0	549	8.9	643.32	1708
A	Apr 2020	862	4	17	861	0	861	14.5	642.91	1696
L	May 2020	1057	-2	22	1025	0	1025	16.7	643.17	1703
*	Jun 2020	973	-10	25	932	0	933	15.7	643.34	1708
	Jul 2020	890	-12	25	876	0	876	14.2	642.50	1685
	Aug 2020	823	-12	23	788	0	788	12.8	642.50	1685
	Sep 2020	732	-15	18	767	0	767	12.9	640.01	1618
	WY 2020	**8313**	**-75**	**198**	**7995**	**0**	**7995**			
	Oct 2020	572	-10	15	730	0	730	11.9	633.00	1434
	Nov 2020	718	-19	10	638	0	638	10.7	635.00	1486
	Dec 2020	571	-12	9	431	0	431	7.0	639.51	1604
	Jan 2021	533	-21	10	440	0	440	7.2	641.80	1666
	Feb 2021	533	-10	10	513	0	513	9.2	641.80	1666
	Mar 2021	982	-12	13	923	0	923	15.0	643.05	1700
	Apr 2021	1047	-12	17	1019	0	1019	17.1	643.00	1699
	May 2021	1007	-10	22	975	0	975	15.9	643.00	1699
	Jun 2021	961	-15	25	921	0	921	15.5	643.00	1699
	Jul 2021	841	-12	25	831	0	831	13.5	642.00	1671
	Aug 2021	799	-12	23	764	0	764	12.4	642.00	1671
	Sep 2021	727	-15	18	748	0	748	12.6	640.01	1618
	WY 2021	**9291**	**-159**	**197**	**8934**	**0**	**8934**			
	Oct 2021	535	-10	15	693	0	693	11.3	633.00	1434
	Nov 2021	654	-19	10	574	0	574	9.7	635.00	1486
	Dec 2021	491	-12	9	352	0	352	5.7	639.51	1604
	Jan 2022	519	-21	10	427	0	427	6.9	641.80	1666
	Feb 2022	520	-10	10	500	0	500	9.0	641.80	1666
	Mar 2022	968	-12	13	910	0	910	14.8	643.05	1700
	Apr 2022	1033	-12	17	1005	0	1005	16.9	643.00	1699
	May 2022	993	-10	22	961	0	961	15.6	643.00	1699
	Jun 2022	947	-15	25	907	0	907	15.2	643.00	1699

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

Model Run ID: 3120

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

July 2020 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Jul 2019	894	15	17	739	12.0	59	92	448.12	582	146	2.4
H	Aug 2019	800	15	17	636	10.3	67	102	447.22	565	111	1.8
I	Sep 2019	767	26	15	514	8.6	61	160	449.03	600	103	1.7
	WY 2019	**8539**	**173**	**140**	**6231**		**690**	**1571**			**1515**	
S	Oct 2019	589	18	12	430	7.0	30	151	447.77	576	68	1.1
T	Nov 2019	457	22	9	300	5.0	16	125	449.10	601	118	2.0
O	Dec 2019	247	20	7	159	2.6	46	72	448.16	583	109	1.8
R	Jan 2020	380	1	6	311	5.1	17	75	446.50	552	106	1.7
I	Feb 2020	523	-3	8	400	6.9	3	75	448.15	583	138	2.4
C	Mar 2020	549	15	9	455	7.4	43	94	446.04	543	198	3.2
A	Apr 2020	861	29	11	642	10.8	55	148	447.41	569	171	2.9
L	May 2020	1025	-7	13	752	12.2	61	180	447.51	571	132	2.1
*	Jun 2020	933	-4	15	700	11.8	94	103	447.85	577	142	2.4
	Jul 2020	876	18	17	711	11.6	99	52	448.00	580	150	2.4
	Aug 2020	788	17	17	626	10.2	99	52	448.00	580	114	1.9
	Sep 2020	767	17	15	532	8.9	96	140	447.50	571	112	1.9
	WY 2020	**7995**	**143**	**139**	**6019**		**659**	**1268**			**1557**	
	Oct 2020	730	24	12	459	7.5	99	178	447.50	570	69	1.1
	Nov 2020	638	16	9	361	6.1	96	184	447.50	571	89	1.5
	Dec 2020	431	22	7	229	3.7	99	133	446.50	552	93	1.5
	Jan 2021	440	20	6	255	4.2	104	90	446.50	552	102	1.7
	Feb 2021	513	10	8	393	7.1	31	85	446.50	552	127	2.3
	Mar 2021	923	5	9	638	10.4	100	169	446.70	555	168	2.7
	Apr 2021	1019	8	11	708	11.9	97	163	448.70	593	154	2.6
	May 2021	975	15	13	705	11.5	88	172	448.70	593	127	2.1
	Jun 2021	921	11	16	717	12.1	86	100	448.70	593	140	2.4
	Jul 2021	831	18	17	692	11.3	89	52	448.00	580	151	2.5
	Aug 2021	764	17	17	623	10.1	89	52	447.50	571	116	1.9
	Sep 2021	748	17	15	529	8.9	70	140	447.50	570	112	1.9
	WY 2021	**8934**	**183**	**139**	**6308**		**1047**	**1519**			**1450**	
	Oct 2021	693	24	12	470	7.6	57	173	447.50	571	73	1.2
	Nov 2021	574	16	9	355	6.0	55	166	447.50	571	91	1.5
	Dec 2021	352	22	7	237	3.9	56	88	446.50	552	96	1.6
	Jan 2022	427	20	6	255	4.2	90	91	446.50	552	102	1.7
	Feb 2022	500	10	8	393	7.1	17	85	446.50	552	127	2.3
	Mar 2022	910	5	9	638	10.4	85	170	446.70	555	168	2.7
	Apr 2022	1005	8	11	708	11.9	83	163	448.70	593	154	2.6
	May 2022	961	15	13	705	11.5	74	172	448.70	593	127	2.1
	Jun 2022	907	11	16	718	12.1	72	100	448.70	593	140	2.4

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

Model Run ID: 3120

Processed On: 7/9/2020 5:07:18PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

July 2020 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jul 2019	946	15.4	1082.82	10246	-159	435.56	1486.0	371.7	93	392.7
H	Aug 2019	802	13.0	1083.45	10299	53	439.02	1297.0	313.5	81	390.9
I	Sep 2019	696	11.7	1083.00	10261	-38	439.88	1494.1	267.4	93	384.4
	WY 2019	**8877**							**3494.1**		
S	Oct 2019	626	10.2	1082.61	10228	-33	439.17	1198.0	241.9	74	386.2
T	Nov 2019	575	9.7	1083.85	10333	104	438.74	1192.0	221.9	75	386.0
O	Dec 2019	220	3.6	1090.49	10899	567	448.42	838.0	81.6	52	371.4
R	Jan 2020	405	6.6	1094.68	11265	366	451.06	1152.1	160.0	70	395.1
I	Feb 2020	557	9.7	1096.27	11405	140	452.31	962.0	224.2	57	402.6
C	Mar 2020	593	9.6	1098.59	11610	205	450.96	1136.0	237.0	69	399.6
A	Apr 2020	862	14.5	1096.39	11415	-194	447.37	1138.0	351.1	69	407.4
L	May 2020	1057	17.2	1091.32	10971	-444	443.68	1385.0	424.4	85	401.5
*	Jun 2020	973	16.4	1087.07	10605	-366	438.87	1511.0	383.4	94	393.9
	Jul 2020	890	14.5	1085.25	10451	-155	433.34	1502.1	354.4	94	398.0
	Aug 2020	823	13.4	1085.26	10452	1	432.71	1502.1	324.5	94	394.4
	Sep 2020	732	12.3	1083.68	10318	-133	433.51	1380.0	287.4	87	392.5
	WY 2020	**8313**							**3291.8**		
	Oct 2020	572	9.3	1084.53	10390	71	436.27	1287.0	222.1	80	388.5
	Nov 2020	718	12.1	1083.76	10325	-65	437.91	1381.9	283.9	87	395.3
	Dec 2020	571	9.3	1085.59	10480	155	436.32	1389.0	221.4	87	387.7
	Jan 2021	533	8.7	1089.77	10837	357	437.76	1314.1	205.7	80	386.0
	Feb 2021	533	9.6	1092.79	11099	262	442.02	1111.0	211.7	67	396.9
	Mar 2021	982	16.0	1091.30	10969	-130	442.07	1148.9	401.3	70	408.5
	Apr 2021	1047	17.6	1087.72	10661	-308	439.16	1127.0	424.9	70	406.0
	May 2021	1007	16.4	1084.18	10360	-301	433.73	1404.0	393.6	88	390.9
	Jun 2021	961	16.2	1081.22	10113	-248	429.20	1576.0	368.4	100	383.3
	Jul 2021	841	13.7	1081.09	10101	-12	427.99	1576.0	328.2	100	390.3
	Aug 2021	799	13.0	1082.12	10187	86	428.76	1591.0	310.9	100	389.0
	Sep 2021	727	12.2	1081.38	10126	-62	429.56	1576.0	281.6	100	387.1
	WY 2021	**9291**							**3653.5**		
	Oct 2021	535	8.7	1082.65	10232	106	433.08	1444.9	204.2	91	381.5
	Nov 2021	654	11.0	1082.59	10227	-5	436.72	1334.1	255.4	84	390.3
	Dec 2021	491	8.0	1085.30	10455	228	435.60	1385.9	193.0	87	392.7
	Jan 2022	519	8.4	1089.63	10825	370	437.55	1304.3	206.1	80	396.9
	Feb 2022	520	9.4	1092.80	11100	275	441.96	1102.7	205.5	67	395.5
	Mar 2022	968	15.8	1091.45	10983	-117	442.15	1143.4	395.0	70	407.8
	Apr 2022	1033	17.4	1088.03	10687	-295	439.39	1128.3	418.7	70	405.4
	May 2022	993	16.2	1084.63	10399	-289	434.11	1397.5	387.8	88	390.4
	Jun 2022	947	15.9	1081.83	10163	-235	429.73	1576.8	369.7	100	390.2

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

Model Run ID: 3120

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

July 2020 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jul 2019	895	14.5	643.48	1712	16	142.50	255.0	113.2	100	126.5
H	Aug 2019	800	13.0	642.31	1680	-32	139.60	255.0	101.8	100	127.3
I	Sep 2019	767	12.9	638.35	1573	-107	137.20	255.0	96.0	100	125.1
	WY 2019	**8538**							**1079.9**		
S	Oct 2019	589	9.6	638.28	1572	-2	138.85	243.5	73.2	95	124.4
T	Nov 2019	457	7.7	642.13	1675	103	143.18	153.0	55.6	60	121.7
O	Dec 2019	247	4.0	640.77	1638	-37	141.96	156.3	30.5	61	123.7
R	Jan 2020	380	6.2	641.32	1653	15	141.95	156.3	49.9	61	131.3
I	Feb 2020	523	9.1	642.10	1674	21	139.59	156.5	68.9	61	131.6
C	Mar 2020	549	8.9	643.32	1708	33	142.51	164.5	67.4	65	122.6
A	Apr 2020	861	14.5	642.91	1696	-11	137.62	253.3	109.7	99	127.4
L	May 2020	1025	16.7	643.17	1703	7	140.19	255.0	128.5	100	125.3
*	Jun 2020	932	15.7	643.34	1708	5	140.36	255.0	117.3	100	125.8
	Jul 2020	876	14.2	642.50	1685	-23	139.44	255.0	110.0	100	125.6
	Aug 2020	788	12.8	642.50	1685	0	139.55	255.0	99.1	100	125.7
	Sep 2020	767	12.9	640.01	1618	-68	138.27	255.0	95.5	100	124.6
	WY 2020	**7995**							**1005.6**		
	Oct 2020	730	11.9	633.00	1434	-183	133.90	227.0	88.0	89	120.6
	Nov 2020	638	10.7	635.00	1486	51	131.85	159.8	75.8	63	118.8
	Dec 2020	431	7.0	639.51	1604	118	136.69	154.7	53.1	61	123.2
	Jan 2021	440	7.2	641.80	1666	62	140.03	156.3	55.5	61	126.2
	Feb 2021	513	9.2	641.80	1666	0	140.26	156.6	64.9	61	126.4
	Mar 2021	923	15.0	643.05	1700	34	138.67	194.1	115.4	76	124.9
	Apr 2021	1019	17.1	643.00	1699	-1	138.56	249.9	127.2	98	124.8
	May 2021	975	15.9	643.00	1699	0	138.96	255.0	122.1	100	125.2
	Jun 2021	921	15.5	643.00	1699	0	139.09	255.0	115.4	100	125.3
	Jul 2021	831	13.5	642.00	1671	-27	139.28	255.0	104.3	100	125.5
	Aug 2021	764	12.4	642.00	1671	0	139.18	255.0	95.8	100	125.4
	Sep 2021	748	12.6	640.01	1618	-54	138.13	255.0	93.1	100	124.4
	WY 2021	**8934**							**1110.6**		
	Oct 2021	693	11.3	633.00	1434	-183	134.13	227.0	83.8	89	120.8
	Nov 2021	574	9.7	635.00	1486	51	132.29	159.8	68.4	63	119.2
	Dec 2021	352	5.7	639.51	1604	118	137.30	154.7	43.5	61	123.7
	Jan 2022	427	6.9	641.80	1666	62	140.13	156.3	53.9	61	126.2
	Feb 2022	500	9.0	641.80	1666	0	140.37	156.6	63.2	61	126.5
	Mar 2022	910	14.8	643.05	1700	34	138.75	194.1	113.7	76	125.0
	Apr 2022	1005	16.9	643.00	1699	-1	138.64	249.9	125.5	98	124.9
	May 2022	961	15.6	643.00	1699	0	139.03	255.0	120.4	100	125.3
	Jun 2022	907	15.2	643.00	1699	0	139.17	255.0	113.7	100	125.4

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

Model Run ID: 3120

Processed On: 7/9/2020 5:07:18PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

July 2020 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

— BUREAU OF —
RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jul 2019	739	12.0	448.12	582	-7	80.11	120.0	51.4	100	69.5
H	Aug 2019	636	10.3	447.22	565	-17	77.13	120.0	44.3	100	69.7
I	Sep 2019	514	8.6	449.03	600	34	83.07	120.0	35.9	100	69.8
	WY 2019	**6211**							**433.7**		
S	Oct 2019	430	7.0	447.77	576	-24	83.21	90.0	30.2	75	70.1
T	Nov 2019	300	5.0	449.10	601	25	84.29	92.0	20.2	77	67.2
O	Dec 2019	159	2.6	448.16	583	-18	81.68	100.6	9.4	84	59.3
R	Jan 2020	311	5.1	446.50	552	-31	80.47	97.7	22.0	81	70.7
I	Feb 2020	400	6.9	448.15	583	31	82.44	97.2	28.0	81	70.0
C	Mar 2020	455	7.4	446.04	543	-39	78.08	120.0	30.0	100	65.9
A	Apr 2020	642	10.8	447.41	569	25	81.56	120.0	44.4	100	69.2
L	May 2020	752	12.2	447.51	571	2	77.41	120.0	51.8	100	68.9
*	Jun 2020	700	11.8	447.85	577	6	79.56	120.0	48.8	100	69.7
	Jul 2020	711	11.6	448.00	580	3	75.30	120.0	46.9	100	65.9
	Aug 2020	626	10.2	448.00	580	0	75.37	120.0	41.2	100	65.7
	Sep 2020	532	8.9	447.50	571	-9	75.13	120.0	34.7	100	65.3
	WY 2020	**6019**							**407.6**		
	Oct 2020	459	7.5	447.50	570	0	76.29	90.0	30.2	75	65.9
	Nov 2020	361	6.1	447.50	571	0	76.19	92.0	23.5	77	65.0
	Dec 2020	229	3.7	446.50	552	-19	74.86	109.4	14.2	91	61.8
	Jan 2021	255	4.2	446.50	552	0	75.07	94.8	16.0	79	62.6
	Feb 2021	393	7.1	446.50	552	0	75.21	92.1	25.5	77	64.9
	Mar 2021	638	10.4	446.70	555	4	74.01	120.0	41.3	100	64.7
	Apr 2021	708	11.9	448.70	593	38	75.08	120.0	46.6	100	65.8
	May 2021	705	11.5	448.70	593	0	76.05	120.0	46.9	100	66.5
	Jun 2021	717	12.1	448.70	593	0	76.05	120.0	47.8	100	66.6
	Jul 2021	692	11.3	448.00	580	-13	75.71	120.0	45.8	100	66.2
	Aug 2021	623	10.1	447.50	571	-9	75.13	120.0	40.8	100	65.5
	Sep 2021	529	8.9	447.50	570	0	74.89	120.0	34.4	100	65.1
	WY 2021	**6308**							**412.9**		
	Oct 2021	470	7.6	447.50	571	0	76.14	92.9	30.9	77	65.8
	Nov 2021	355	6.0	447.50	571	0	76.19	92.0	23.1	77	65.0
	Dec 2021	237	3.9	446.50	552	-19	74.82	110.3	14.7	92	62.0
	Jan 2022	255	4.2	446.50	552	0	75.12	93.9	16.0	78	62.6
	Feb 2022	393	7.1	446.50	552	0	75.15	93.2	25.5	78	64.9
	Mar 2022	638	10.4	446.70	555	4	74.01	120.0	41.3	100	64.8
	Apr 2022	708	11.9	448.70	593	38	75.08	120.0	46.6	100	65.8
	May 2022	705	11.5	448.70	593	0	76.05	120.0	46.9	100	66.5
	Jun 2022	718	12.1	448.70	593	0	76.05	120.0	47.8	100	66.6

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

July 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
*	Jul 2019	391	39	28	54	23	7
H	Aug 2019	412	42	24	49	22	7
I	Sep 2019	312	44	15	22	18	2
	Summer 2019	**2041**	**273**	**131**	**248**	**115**	**34**
S	Oct 2019	281	31	26	27	18	5
T	Nov 2019	280	31	22	25	14	5
O	Dec 2019	336	51	26	30	17	5
R	Jan 2020	338	51	18	22	11	5
I	Feb 2020	296	47	12	14	4	4
C	Mar 2020	307	46	11	13	7	4
	Winter 2020	**1838**	**258**	**115**	**131**	**71**	**28**
A	Apr 2020	276	44	21	25	16	5
L	May 2020	276	37	23	37	19	7
*	Jun 2020			24	28	18	
	Jul 2020	318	29	30	38	18	10
	Aug 2020	353	38	19	30	15	6
	Sep 2020	252	38	21	27	14	6
	Summer 2020	**1476**	**186**	**137**	**185**	**101**	**33**
	Oct 2020	268	28	20	26	13	2
	Nov 2020	267	25	5	7	4	6
	Dec 2020	298	34	7	10	5	6
	Jan 2021	353	34	7	10	5	5
	Feb 2021	305	30	6	9	5	4
	Mar 2021	322	29	0	10	6	4
	Winter 2021	**1812**	**180**	**45**	**71**	**38**	**28**
	Apr 2021	284	28	0	20	11	4
	May 2021	287	35	2	19	14	6
	Jun 2021	310	79	46	59	22	8
	Jul 2021	356	26	24	29	16	10
	Aug 2021	374	32	25	30	16	7
	Sep 2021	277	34	23	28	9	2
	Summer 2021	**1887**	**233**	**120**	**185**	**88**	**37**
	Oct 2021	263	28	24	29	15	6
	Nov 2021	262	29	8	11	6	6
	Dec 2021	293	43	18	22	11	6
	Jan 2022	346	43	16	20	10	5
	Feb 2022	301	39	11	14	8	4
	Mar 2022	319	26	13	17	9	4
	Winter 2022	**1465**	**182**	**77**	**96**	**50**	**27**
	Apr 2022	282	30	20	28	15	5
	May 2022	287	40	53	74	23	7
	Jun 2022	313	73	13	22	16	9

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

July 2020 24-Month Study

Most Probable Inflow*

Flood Control Criteria - Beginning of Month Conditions

— BUREAU OF — RECLAMATION

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Lower Basin Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	BOM Space Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Jul 2020	521	235	342	11529	12627	17015	29642	71	-54	-6	11	11529	17015	28555	1500	890	0	30.9
								****CREDITABLE SPACE****										
Aug 2020	467	279	409	11774	12930	17169	30099	467	279	409	1156	11774	17169	30099	1500	823	0	30.4
Sep 2020	519	312	455	12179	13464	17168	30633	519	312	455	1285	12179	17168	30633	2270	732	0	29.8
Oct 2020	587	344	471	12377	13779	17302	31081	587	344	471	1402	12377	17302	31081	3040	572	0	29.5
Nov 2020	617	382	467	12562	14028	17230	31259	617	382	467	1466	12562	17230	31259	3810	718	0	29.2
Dec 2020	640	375	467	12784	14265	17295	31561	640	375	467	1482	12784	17295	31561	4580	571	0	29.1
Jan 2021	699	377	471	13101	14648	17140	31788	699	377	471	1547	13101	17140	31788	5350	533	0	29.0
								****EFFECTIVE SPACE****										
Jan 2021	699	377	471	13101	14648	17140	31788	300	282	391	973	13101	17140	31214	5350	533	0	29.0
Feb 2021	753	382	477	13560	15173	16783	31956	353	289	396	1038	13560	16783	31381	1500	533	0	28.8
Mar 2021	797	388	477	13924	15585	16521	32106	394	295	395	1085	13924	16521	31529	1500	982	0	28.5
Apr 2021	790	383	453	14255	15881	16651	32531	383	292	364	1039	14255	16651	31945	1500	1047	0	28.2
May 2021	753	365	408	14332	15857	16959	32816	339	278	295	912	14332	16959	32202	1500	1007	0	28.9
Jun 2021	659	220	289	13684	14851	17260	32111	234	121	136	491	13684	17260	31435	1500	961	0	30.2
Jul 2021	560	131	233	12426	13351	17507	30858	124	13	23	160	12426	17507	30093	1500	841	0	30.1
								****CREDITABLE SPACE****										
Aug 2021	455	111	272	12508	13347	17519	30866	455	111	272	839	12508	17519	30866	1500	799	0	29.7
Sep 2021	486	134	302	12929	13850	17433	31283	486	134	302	922	12929	17433	31283	2270	727	0	29.2
Oct 2021	537	167	315	13190	14208	17494	31703	537	167	315	1018	13190	17494	31703	3040	535	0	28.9
Nov 2021	562	205	315	13343	14426	17388	31814	562	205	315	1083	13343	17388	31814	3810	654	0	28.7
Dec 2021	595	203	321	13531	14650	17393	32043	595	203	321	1119	13531	17393	32043	4580	491	0	28.7
Jan 2022	679	237	332	13769	15017	17165	32182	679	237	332	1248	13769	17165	32182	5350	519	0	28.6
								****EFFECTIVE SPACE****										
Jan 2022	679	237	332	13769	15017	17165	32182	409	237	118	764	13769	17165	31698	5350	519	0	28.6
Feb 2022	757	267	345	14129	15498	16795	32293	486	267	130	883	14129	16795	31807	1500	520	0	28.6
Mar 2022	821	282	347	14397	15846	16520	32366	548	282	131	961	14397	16520	31878	1500	968	0	28.3
Apr 2022	795	289	308	14599	15990	16637	32627	517	289	85	890	14599	16637	32127	1500	1033	0	28.4
May 2022	749	278	234	14446	15706	16933	32639	464	278	-14	729	14446	16933	32107	1500	993	0	29.6
Jun 2022	625	255	233	13133	14246	17221	31468	329	247	-55	521	13133	17221	30875	1500	947	0	31.1

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