June 24-Month Study
Date: June 11, 2020

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

Current Reservoir Status

Reservoir	May Inflow (unregulated) (acre-feet)	Percent of Average (%)	June 10, Midnight Elevation (feet)	June 10, Midnight Reservoir Storage (acre-feet)
Fontenelle	160,900	98	6,500.14	299,200
Flaming Gorge	218,100	89	6,025.27	3,170,200
Blue Mesa	152,600	69	7,191.28	591,000
Navajo	198,900	72	6,062.70	1,383,000
Powell	1,541,100	66	3,608.72	12,602,000

Expected Operations

The operation of Lake Powell and Lake Mead in this June 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 June 8, 2020, the Fontenelle Reservoir pool elevation is 6498.29 feet, which amounts to 83 percent of live storage capacity. Inflows for the month of May totaled 160,000 acre-feet (af) or 98 percent of average. As Spring Operations continue increased inflows are anticipated in early June. Consequently, releases will increase from 3, ,180 cfs to 3,980 cfs on June 10th.

The June final forecast for unregulated inflows into Fontenelle for the next three months projects below average conditions. June, July, and August inflow volumes amount to 245,000 af (82 percent of average), 101,000 af (57 percent of average), and 50,000 af (65 percent of average), respectively.

The June water supply forecast of the April through July inflow volume into the Fontenelle Reservoir is 590,000 acre-feet (81 percent of average). Current snowpack is 108 percent of median for the Upper Green Basin.

The next Fontenelle Working Group meeting is scheduled for August 27, 2020. The meeting will be held at 10:00am at the 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 June 5, 2020 Flaming Gorge Reservoir pool elevation is 6025.85 feet, which amounts to 85 percent of live storage capacity. Unregulated inflows for the month of May is 218,056 acre-feet (af) or 89 percent of average.

Down ramping is occurring late on June 6, 2020 from 7,100 cfs to 900 cfs by June 19, 2020. Reclamation is near the end of this year's Larval Trigger Study Plan (LTSP) and may achieved >10 days at the targeted flows. This was achieved by using full powerplant releases and supplemented with full to partial bypass with most of the flow provided by the Yampa River to attain flows between 14,000 cfs to 18,600 cfs at the USGS Jensen gage. The Colorado Pikeminnow base flow study will be next and this could occur later in the month or the first part of July, 2020. Targeted flows at the USGS Jensen gage with the combination of Flaming Gorge releases and Yampa River flows will be between 1,800 cfs to 2,000 cfs or within the +/- 25% of calculated base flows from Flaming Gorge dam. Releases from Flaming Gorge Dam will depend on how much flow is provided by the Yampa River.

The June final forecast for unregulated inflows into Flaming Gorge for the next three months projects below average conditions. June, July, and August forecasted unregulated inflow volumes amount to 295,000 af (76 percent of average), 114,000 af (54 percent of average), and 60,000 af (68 percent of average), respectively.

The June water supply forecast of the April through July unregulated inflow volume into Flaming Gorge Reservoir is 740,000 acre-feet (90 percent of average), a Moderately Dry 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 June 7, 2020 releases from Crystal Dam are approximately 1,450 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 430 cfs.

The most recent forecast (June) for unregulated inflow during the water supply period (April through July) is projecting Blue Mesa will receive 395,000 af (59 percent of average).

Blue Mesa is not projected to fill this year based on the most recent inflow forecast. On June 7, 2020, the elevation of Blue Mesa was 7490.44 feet above sea level corresponding to a live storage of 584,800 af (71 percent of capacity). The elevation of Blue Mesa is currently rising each day as inflows are exceeding releases. By late July, based on current projections, the elevation of Blue Mesa is projected to reach about 7496 feet above sea level which corresponds to a live storage level of 630,000 af (76 percent of full capacity).

The unregulated inflow volume in May to Blue Mesa was 153,000 af (70 percent of average). Unregulated Inflow volumes forecasted for Blue Mesa for the next three months (June, July and August) are projected to be: 148,000 af (57 percent of average), 44,000 af (37 percent of average) and 40,000 af (63 percent of average), respectively. The May 24-Month Study is reflective of these new forecasts. The April through July forecasted most probable unregulated inflow volume to Blue Mesa is 395,000 af (59 percent of average). The 2020 water year forecasted unregulated inflow volume is 637,100 af (67 percent of average).

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

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

Navajo Reservoir – On June 8th the daily average release rate from Navajo Dam was approximately 500 cfs while reservoir inflow (modified unregulated) was averaging approximately 1,220 cfs. The water surface elevation was 6062.7 feet above sea level. At this elevation the live storage is 1.38 maf (81 percent of live storage capacity) and the active storage is 0.72 maf (69 percent of active storage capacity). NIIP is diverting 550 cfs. The river flow measured at the Animas River at Farmington USGS gage was at 3,810 cfs. River flow at the San Juan River at Four Corners USGS gage was 2,890 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 May was 199 kaf (78 percent of average for the month).

Forecast modified-unregulated inflow to Navajo over the next three months (June, July, and August) are projected to be: 77 kaf (34 percent of average), 9 kaf (14 percent of average), and 16 kaf (35 percent of average), respectively.

The April through July runoff forecasts are as follows:
Min Probable: 320 kaf (43 percent of average)
Most Probable: 365 kaf (50 percent of average)
Max Probable: 410 kaf (56 percent of average)

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

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights,

endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir. The next meeting will take place in late August, with meeting details forthcoming.

Glen Canyon Dam / Lake Powell

Current Status
The unregulated inflow volume to Lake Powell during May was 1,541 thousand acre-feet (kaf) (66 percent of average). The release volume from Glen Canyon Dam in May was 629 kaf. The end of May elevation and storage of Lake Powell were 3605.05 ft (95 feet from full pool) and 12.24 maf (50 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 3, 2020, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume this year will be 6.76 maf (62 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 June 24-Month Study projects Lake Powell elevation will end water year 2020 near 3,603.30 feet with approximately 12.07 maf in storage (50 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 6.76 maf (62 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 29.22 maf (49 percent of total system capacity). The actual end of water year 2020 system storage may vary from this projection, primarily due to uncertainty regarding this season’s runoff and reservoir inflow.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

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

****

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

:	Obs				sep	Forecast				
:	feb	mar	apr	may	%Avg	jun	jul	aug	apr-jul	%Avg
GLDA3:Lake Powell	288	475	475	1541	66%:	1650/	434/	300/	4100/:	57%
GBRW4:Fontenelle	32	54	83	161	98%:	245/	101/	50/	590/:	81%
GRNU1:Flaming Gorge	47	106	114	217	89%:	295/	114/	60/	740/:	76%
BMDC2:Blue Mesa	23	34	50	153	69%:	148/	44/	40/	395/:	59%
MPSC2:Morrow Point	23	36	54	162	66%:	161/	48/	42/	425/:	57%
CLSC2:Crystal	26	42	59	174	62%:	180/	52/	47/	465/:	56%
TPIC2:Taylor Park	4.3	4.6	7.0	24	85%:	27.0/	11.0/	7.0/	69/:	70%
VCRC2:Vallecito	3.6	5.8	15.9	66	92%:	35/	13/	12/	130/:	67%
NVRN5:Navajo	16.6	35	80	199	72%:	77/	9/	16/	365/:	50%
LEMC2:Lemon	0.43	0.84	2.6	18.9	88%:	10/	2.5/	2.5/	34/:	62%
MPHC2:McPhee	2.3	5.0	11.2	55	44%:	22.0/	7.0/	8.0/	95/:	32%
RBSC2:Ridgway	3.2	3.7	4.5	17.0	66%:	24.0/	9.0/	7.0/	55/:	54%
YDLC2:Deerlodge	22	91	177	582	113%:	320/	51/	21/	1130/:	91%
DRGC2:Durango	8.2	10.2	27	120	82%:	84.0/	29.0/	21.0/	260/:	63%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

June 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)
*	Jun 2019	337	2	107	171	278	6494.89	261
H	Jul 2019	184	3	86	39	125	6502.48	317
I	Aug 2019	57	2	74	0	74	6499.98	298
S	Sep 2019	41	2	19	47	66	6496.36	271
	WY 2019	**1101**	**15**	**799**	**278**	**1077**		
T	Oct 2019	50	1	61	7	67	6493.83	253
O	Nov 2019	46	1	63	0	63	6491.39	236
R	Dec 2019	36	1	64	0	64	6487.01	208
I	Jan 2020	34	1	64	0	64	6481.89	177
C	Feb 2020	32	1	60	0	60	6476.34	147
A	Mar 2020	54	1	65	0	65	6473.94	136
L	Apr 2020	83	1	73	0	73	6475.89	145
*	May 2020	161	1	101	0	101	6486.37	203
	Jun 2020	245	2	104	48	152	6499.54	295
	Jul 2020	101	3	73	0	73	6502.80	320
	Aug 2020	50	2	63	0	63	6500.78	305
	Sep 2020	40	2	60	0	60	6497.93	284
	WY 2020	**932**	**15**	**851**	**55**	**905**		
	Oct 2020	45	1	24	37	62	6495.44	266
	Nov 2020	40	1	65	0	65	6491.70	239
	Dec 2020	32	1	68	0	68	6486.14	203
	Jan 2021	30	1	68	0	68	6479.65	165
	Feb 2021	28	0	61	0	61	6472.77	131
	Mar 2021	45	0	65	0	65	6467.89	110
	Apr 2021	70	1	66	0	66	6468.67	114
	May 2021	135	1	86	0	86	6478.93	161
	Jun 2021	265	2	102	26	128	6499.60	296
	Jul 2021	170	3	101	25	126	6504.91	337
	Aug 2021	60	2	76	0	76	6502.56	318
	Sep 2021	45	2	20	46	65	6499.64	296
	WY 2021	**965**	**15**	**803**	**135**	**938**		
	Oct 2021	48	1	70	0	70	6496.51	273
	Nov 2021	42	1	68	0	68	6492.65	246
	Dec 2021	32	1	71	0	71	6486.68	207
	Jan 2022	30	1	71	0	71	6479.78	166
	Feb 2022	28	0	64	0	64	6472.23	129
	Mar 2022	53	0	70	0	70	6467.97	111
	Apr 2022	85	1	73	0	73	6470.76	122
	May 2022	164	1	90	0	90	6484.81	195

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

Model Run ID: 3119

Processed On: 6/9/2020 1:34:52PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

June 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)
*	Jun 2019	460	400	11	215	100	315	139	6032.55	3448	950
H	Jul 2019	227	169	14	100	0	100	141	6033.89	3502	376
I	Aug 2019	59	76	13	109	0	109	139	6032.79	3458	151
S	Sep 2019	49	74	11	113	0	113	137	6031.57	3410	134
	WY 2019	**1553**	**1529**	**82**	**1315**	**100**	**1415**				**3351**
T	Oct 2019	53	70	7	80	0	80	136	6031.13	3393	109
O	Nov 2019	63	79	4	81	0	81	136	6030.99	3387	115
R	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
C	Feb 2020	47	76	2	124	0	124	130	6026.75	3225	157
A	Mar 2020	106	117	3	119	0	119	130	6026.61	3220	228
L	Apr 2020	114	104	5	112	0	112	129	6026.26	3207	308
*	May 2020	218	158	8	98	31	129	130	6026.81	3228	672
	Jun 2020	295	202	10	177	0	177	130	6027.17	3241	497
	Jul 2020	114	86	13	66	0	66	131	6027.34	3248	117
	Aug 2020	60	73	12	90	0	90	130	6026.59	3219	111
	Sep 2020	48	68	11	95	0	95	128	6025.59	3182	110
	WY 2020	**1206**	**1179**	**80**	**1305**	**31**	**1336**				**2763**
	Oct 2020	55	72	7	66	0	66	128	6025.55	3181	93
	Nov 2020	50	75	3	59	0	59	129	6025.90	3194	92
	Dec 2020	35	71	2	81	0	81	128	6025.60	3182	107
	Jan 2021	40	78	2	81	0	81	128	6025.48	3178	106
	Feb 2021	40	73	2	73	0	73	128	6025.43	3176	95
	Mar 2021	90	110	3	82	0	82	129	6026.10	3201	152
	Apr 2021	120	116	5	79	0	79	130	6026.93	3232	264
	May 2021	185	136	8	95	0	95	131	6027.77	3264	595
	Jun 2021	325	188	10	215	0	215	130	6026.81	3228	665
	Jul 2021	200	156	13	71	0	71	133	6028.65	3297	146
	Aug 2021	70	86	13	86	0	86	132	6028.33	3285	107
	Sep 2021	50	70	11	92	0	92	131	6027.50	3254	108
	WY 2021	**1260**	**1233**	**79**	**1079**	**0**	**1079**				**2529**
	Oct 2021	55	77	7	75	0	75	131	6027.37	3249	104
	Nov 2021	50	76	3	76	0	76	131	6027.29	3246	106
	Dec 2021	35	74	2	109	0	109	129	6026.34	3210	134
	Jan 2022	40	81	2	109	0	109	128	6025.56	3181	134
	Feb 2022	45	81	2	99	0	99	127	6025.04	3162	126
	Mar 2022	102	120	3	81	0	81	129	6025.97	3196	158
	Apr 2022	134	121	5	79	0	79	130	6026.95	3233	294
	May 2022	245	171	8	110	0	110	132	6028.32	3284	642

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

Model Run ID: 3119

Processed On: 6/9/2020 1:34:52PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

June 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)
*	Jun 2019	68	38	9320.92	89
H	Jul 2019	47	32	9328.49	103
I	Aug 2019	15	24	9323.77	94
S	Sep 2019	7	20	9316.42	81
	WY 2019	**191**	**168**		
T	Oct 2019	7	11	9314.38	77
O	Nov 2019	5	6	9313.69	76
R	Dec 2019	5	6	9313.35	75
I	Jan 2020	5	6	9312.60	74
C	Feb 2020	4	6	9311.82	73
A	Mar 2020	5	6	9310.93	71
L	Apr 2020	7	6	9311.67	73
*	May 2020	24	10	9319.49	86
	Jun 2020	27	22	9322.20	91
	Jul 2020	11	22	9316.36	80
	Aug 2020	7	19	9309.01	68
	Sep 2020	5	18	9300.32	56
	WY 2020	**112**	**137**		
	Oct 2020	5	7	9298.62	53
	Nov 2020	4	5	9297.82	52
	Dec 2020	4	5	9296.50	51
	Jan 2021	4	5	9295.14	49
	Feb 2021	3	5	9293.75	47
	Mar 2021	3	5	9291.89	45
	Apr 2021	6	10	9288.29	41
	May 2021	25	14	9297.59	52
	Jun 2021	38	20	9310.03	70
	Jul 2021	15	24	9304.46	61
	Aug 2021	8	19	9296.42	50
	Sep 2021	6	18	9286.38	39
	WY 2021	**120**	**137**		
	Oct 2021	6	12	9280.50	33
	Nov 2021	5	5	9280.21	33
	Dec 2021	5	5	9279.62	32
	Jan 2022	4	5	9278.65	32
	Feb 2022	4	5	9277.60	31
	Mar 2022	4	5	9276.70	30
	Apr 2022	9	10	9275.19	29
	May 2022	28	14	9290.19	43

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

Model Run ID: 3119

Processed On: 6/9/2020 1:34:52PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

June 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)
*	Jun 2019	471	444	1	124	70	194	7504.14	696
H	Jul 2019	282	266	2	87	51	138	7518.61	823
I	Aug 2019	92	100	1	76	62	137	7514.39	784
S	Sep 2019	32	45	1	45	47	93	7508.84	736
	WY 2019	**1344**	**1320**	**7**	**601**	**260**	**859**		
T	Oct 2019	28	32	1	63	3	85	7502.51	682
O	Nov 2019	31	32	0	54	0	72	7497.63	642
R	Dec 2019	30	30	0	70	0	85	7490.79	588
I	Jan 2020	26	28	0	44	0	61	7486.45	554
C	Feb 2020	23	25	0	30	0	41	7484.20	537
A	Mar 2020	34	36	0	38	0	38	7483.85	534
L	Apr 2020	50	49	1	73	0	73	7480.49	510
*	May 2020	153	140	1	82	17	99	7485.88	550
	Jun 2020	148	143	1	58	0	58	7496.54	633
	Jul 2020	44	55	1	101	0	101	7490.48	585
	Aug 2020	40	52	1	64	18	82	7486.45	554
	Sep 2020	30	43	1	74	0	74	7482.12	522
	WY 2020	**637**	**664**	**8**	**753**	**38**	**870**		
	Oct 2020	29	31	0	69	0	69	7476.88	484
	Nov 2020	24	25	0	18	0	18	7477.89	491
	Dec 2020	21	23	0	25	0	25	7477.59	489
	Jan 2021	19	21	0	26	0	26	7476.86	483
	Feb 2021	16	18	0	23	0	23	7476.11	478
	Mar 2021	28	30	0	0	25	25	7476.77	483
	Apr 2021	60	64	1	0	46	46	7479.25	501
	May 2021	190	179	1	6	27	33	7498.06	646
	Jun 2021	260	242	1	152	0	152	7508.63	734
	Jul 2021	90	99	2	83	0	83	7510.20	748
	Aug 2021	50	61	1	88	0	88	7506.89	719
	Sep 2021	33	45	1	88	0	88	7501.58	674
	WY 2021	**820**	**837**	**8**	**578**	**97**	**676**		
	Oct 2021	35	41	1	81	0	81	7496.52	633
	Nov 2021	30	30	0	28	0	28	7496.78	635
	Dec 2021	26	26	0	83	0	83	7489.52	578
	Jan 2022	24	25	0	55	0	55	7485.61	548
	Feb 2022	22	23	0	38	0	38	7483.63	533
	Mar 2022	36	37	0	43	0	43	7482.72	526
	Apr 2022	77	78	1	67	0	67	7484.08	536
	May 2022	221	207	1	183	0	183	7487.11	559

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

Model Run ID: 3119

Processed On: 6/9/2020 1:34:52PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

June 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)
*	Jun 2019	512	194	41	235	186	0	234	7155.10	113
H	Jul 2019	295	138	13	150	151	0	151	7154.18	112
I	Aug 2019	93	137	2	139	137	0	139	7153.99	112
S	Sep 2019	32	93	1	93	60	0	96	7151.09	110
	WY 2019	**1446**	**859**	**102**	**961**	**858**	**0**	**949**		
T	Oct 2019	29	85	1	86	78	0	89	7147.86	107
O	Nov 2019	31	72	1	72	71	0	71	7148.85	108
R	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
C	Feb 2020	23	41	0	41	41	0	41	7147.88	107
A	Mar 2020	36	38	2	40	42	0	42	7145.65	106
L	Apr 2020	54	73	4	77	76	0	76	7147.10	107
*	May 2020	162	99	10	109	109	0	109	7146.72	107
	Jun 2020	161	58	13	71	70	0	70	7147.94	107
	Jul 2020	48	101	4	105	105	0	105	7147.94	107
	Aug 2020	42	82	2	84	84	0	84	7147.94	107
	Sep 2020	32	74	2	76	76	0	76	7147.94	107
	WY 2020	**676**	**870**	**39**	**909**	**900**	**0**	**911**		
	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	83	5	88	88	0	88	7147.94	107
	Aug 2021	53	88	3	91	91	0	91	7147.94	107
	Sep 2021	35	88	2	90	90	0	90	7147.94	107
	WY 2021	**890**	**676**	**70**	**746**	**746**	**0**	**746**		
	Oct 2021	37	81	2	84	84	0	84	7147.94	107
	Nov 2021	32	28	2	30	30	0	30	7147.94	107
	Dec 2021	28	83	2	86	86	0	86	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

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

Model Run ID: 3119

Processed On: 6/9/2020 1:34:52PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

June 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)
*	Jun 2019	558	234	46	280	115	73	282	6753.12	17	51	231
H	Jul 2019	321	151	26	177	121	57	178	6746.79	15	59	124
I	Aug 2019	98	139	5	144	119	28	147	6733.35	12	64	87
S	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**
T	Oct 2019	33	89	3	92	92	0	92	6749.75	16	64	29
O	Nov 2019	35	71	4	75	76	0	76	6746.90	15	2	72
R	Dec 2019	34	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
C	Feb 2020	26	41	3	44	24	19	43	6748.71	16	1	43
A	Mar 2020	42	42	6	47	45	1	46	6754.38	17	11	33
L	Apr 2020	59	76	5	81	81	0	81	6754.37	17	55	26
*	May 2020	174	109	12	121	99	14	121	6754.46	17	65	54
	Jun 2020	180	70	19	89	91	0	91	6749.63	16	61	30
	Jul 2020	52	105	4	109	109	0	109	6749.63	16	65	44
	Aug 2020	47	84	5	89	89	0	89	6749.63	16	65	24
	Sep 2020	36	76	4	80	80	0	80	6749.63	16	55	25
	WY 2020	**749**	**911**	**73**	**984**	**933**	**45**	**984**			**443**	**531**
	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	88	10	98	98	0	98	6749.63	16	65	33
	Aug 2021	60	91	7	98	98	0	98	6749.63	16	65	33
	Sep 2021	40	90	5	95	52	43	95	6749.63	16	55	40
	WY 2021	**1010**	**746**	**120**	**866**	**752**	**114**	**866**			**385**	**481**
	Oct 2021	42	84	5	89	89	0	89	6749.63	16	30	59
	Nov 2021	36	30	4	34	34	0	34	6749.63	16	0	34
	Dec 2021	32	86	5	90	90	0	90	6749.63	16	0	90
	Jan 2022	31	57	5	62	62	0	62	6749.63	16	0	62
	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

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

Model Run ID: 3119

Processed On: 6/9/2020 1:34:52PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

June 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)
*	Jun 2019	160	101	7664.36	124
H	Jul 2019	69	68	7664.45	124
I	Aug 2019	20	38	7657.21	105
S	Sep 2019	8	33	7646.82	79
	WY 2019	**378**	**316**		
T	Oct 2019	4	13	7643.13	71
O	Nov 2019	4	2	7644.14	73
R	Dec 2019	4	2	7645.07	75
I	Jan 2020	5	2	7646.26	78
C	Feb 2020	4	2	7647.01	80
A	Mar 2020	6	2	7648.55	84
L	Apr 2020	16	4	7653.32	95
*	May 2020	66	37	7664.35	124
	Jun 2020	35	46	7660.03	112
	Jul 2020	13	41	7648.40	83
	Aug 2020	12	38	7636.51	57
	Sep 2020	11	29	7626.35	39
	WY 2020	**179**	**217**		
	Oct 2020	10	16	7622.05	32
	Nov 2020	7	2	7625.01	37
	Dec 2020	5	2	7626.94	40
	Jan 2021	5	2	7628.78	43
	Feb 2021	4	2	7630.07	45
	Mar 2021	7	2	7632.82	50
	Apr 2021	19	2	7641.20	67
	May 2021	63	31	7654.65	99
	Jun 2021	66	43	7663.39	121
	Jul 2021	27	42	7657.62	106
	Aug 2021	17	38	7649.04	85
	Sep 2021	15	30	7642.51	70
	WY 2021	**245**	**211**		
	Oct 2021	14	17	7641.03	67
	Nov 2021	8	2	7643.67	72
	Dec 2021	6	2	7645.63	77
	Jan 2022	5	2	7647.13	80
	Feb 2022	5	2	7648.40	83
	Mar 2022	9	2	7651.13	90
	Apr 2022	23	2	7659.55	111
	May 2022	71	58	7664.32	124

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

Model Run ID: 3119

Processed On: 6/9/2020 1:34:52PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

June 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)
*	Jun 2019	491	57	376	4	36	114	6071.44	1501	386
H	Jul 2019	171	26	142	5	47	60	6073.56	1531	228
I	Aug 2019	40	6	52	4	42	78	6068.40	1459	104
S	Sep 2019	3	0	29	3	29	67	6063.13	1388	73
	WY 2019	**1401**	**150**	**1188**	**26**	**211**	**483**			**1266**
T	Oct 2019	5	0	14	2	6	32	6061.08	1362	47
O	Nov 2019	15	0	13	1	0	25	6060.04	1348	46
R	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
C	Feb 2020	17	0	15	1	3	24	6055.76	1295	35
A	Mar 2020	35	2	30	2	5	26	6055.57	1292	35
L	Apr 2020	80	11	60	2	25	29	6055.92	1297	37
*	May 2020	199	27	142	4	37	32	6061.48	1367	123
	Jun 2020	77	7	81	4	53	30	6060.96	1360	114
	Jul 2020	9	0	37	4	57	40	6055.93	1297	69
	Aug 2020	16	0	41	3	48	35	6052.23	1252	56
	Sep 2020	23	0	41	3	26	28	6050.95	1237	48
	WY 2020	**510**	**47**	**503**	**27**	**261**	**367**			**714**
	Oct 2020	32	0	38	2	9	22	6051.40	1242	42
	Nov 2020	27	0	22	1	0	21	6051.46	1243	36
	Dec 2020	21	0	18	1	0	22	6051.10	1239	34
	Jan 2021	19	0	16	1	0	22	6050.57	1232	32
	Feb 2021	21	0	19	1	0	19	6050.43	1231	28
	Mar 2021	62	4	53	2	6	22	6052.46	1255	37
	Apr 2021	120	13	90	2	22	21	6056.15	1300	61
	May 2021	250	33	185	4	37	27	6065.40	1418	162
	Jun 2021	190	24	143	4	53	30	6069.49	1474	170
	Jul 2021	40	1	53	5	57	31	6066.61	1434	86
	Aug 2021	34	1	54	4	48	32	6064.37	1404	62
	Sep 2021	34	1	47	3	26	36	6063.01	1386	60
	WY 2021	**850**	**77**	**738**	**28**	**258**	**303**			**808**
	Oct 2021	40	2	41	2	9	31	6062.98	1386	54
	Nov 2021	31	0	25	1	0	30	6062.54	1380	46
	Dec 2021	25	0	21	1	0	31	6061.70	1370	46
	Jan 2022	22	0	18	1	0	31	6060.69	1357	44
	Feb 2022	30	0	27	1	0	28	6060.55	1355	40
	Mar 2022	92	9	77	2	6	31	6063.56	1394	53
	Apr 2022	170	21	128	3	22	30	6069.07	1468	82
	May 2022	277	37	227	4	37	186	6069.08	1468	333

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

Model Run ID: 3119

Processed On: 6/9/2020 1:34:52PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

June 2020 24-Month Study

Most Probable Inflow*

Lake Powell

BUREAU OF RECLAMATION

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Jun 2019	4206	3583	41	765	0	765	3611.82	5087	12914	807
H	Jul 2019	2451	2015	57	857	0	857	3621.60	5168	13933	896
I	Aug 2019	472	608	58	900	0	900	3618.55	5143	13610	932
S	Sep 2019	143	379	52	687	0	687	3615.36	5116	13277	703
	WY 2019	**12951**	**11787**	**356**	**8924**	**77**	**9001**				**9242**
T	Oct 2019	265	397	35	625	0	625	3612.99	5096	13034	633
O	Nov 2019	404	466	34	626	0	626	3611.23	5082	12855	630
R	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
C	Feb 2020	288	393	9	675	0	675	3602.72	5015	12011	687
A	Mar 2020	475	505	15	700	0	700	3600.71	4999	11818	719
L	Apr 2020	475	510	23	630	0	630	3599.32	4989	11685	652
*	May 2020	1541	1253	27	629	0	629	3605.05	5033	12239	654
	Jun 2020	1650	1456	44	650	0	650	3612.11	5089	12944	667
	Jul 2020	434	531	54	750	0	750	3609.61	5069	12691	774
	Aug 2020	300	440	53	835	0	835	3605.43	5036	12276	855
	Sep 2020	300	422	48	600	0	600	3603.30	5019	12068	614
	WY 2020	**6762**	**7300**	**377**	**8230**	**0**	**8230**				**8408**
	Oct 2020	410	460	33	640	0	640	3601.26	5003	11871	649
	Nov 2020	425	421	31	640	0	640	3598.84	4985	11640	642
	Dec 2020	340	390	25	720	0	720	3595.34	4959	11311	725
	Jan 2021	310	360	7	860	0	860	3590.23	4921	10841	871
	Feb 2021	320	358	8	750	0	750	3586.10	4891	10471	760
	Mar 2021	500	458	13	800	0	800	3582.36	4865	10143	814
	Apr 2021	770	650	20	710	0	710	3581.50	4859	10069	726
	May 2021	1850	1450	24	710	0	710	3589.01	4912	10731	726
	Jun 2021	2450	2149	41	750	0	750	3602.49	5013	11989	767
	Jul 2021	900	813	51	850	0	850	3601.65	5006	11908	874
	Aug 2021	400	501	50	900	0	900	3597.28	4973	11493	920
	Sep 2021	325	452	45	670	0	670	3594.67	4954	11249	684
	WY 2021	**9000**	**8463**	**347**	**9000**	**0**	**9000**				**9158**
	Oct 2021	443	511	31	640	0	640	3593.07	4942	11101	649
	Nov 2021	441	464	30	640	0	640	3590.98	4926	10910	642
	Dec 2021	363	500	23	720	0	720	3588.49	4908	10685	725
	Jan 2022	361	469	7	860	0	860	3584.35	4879	10316	871
	Feb 2022	393	461	7	750	0	750	3581.19	4857	10042	760
	Mar 2022	665	604	12	800	0	800	3578.94	4842	9849	814
	Apr 2022	1056	893	20	710	0	710	3580.70	4854	10000	726
	May 2022	2343	2152	25	710	0	710	3595.36	4959	11312	726

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

Model Run ID: 3119

Processed On: 6/9/2020 1:34:52PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

June 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)
*	Jun 2019	765	69	54	912	15.3	27	911	676	1084.71	10405
H	Jul 2019	857	20	67	946	15.4	33	946	666	1082.82	10246
I	Aug 2019	900	64	71	802	13.0	34	801	669	1083.45	10299
S	Sep 2019	687	58	59	696	11.7	30	690	667	1083.00	10261
	WY 2019	**9001**	**1087**	**547**	**8892**		**234**	**8868**			
T	Oct 2019	625	34	43	626	10.2	25	621	665	1082.61	10228
O	Nov 2019	626	116	40	575	9.7	13	553	672	1083.85	10333
R	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
C	Feb 2020	675	68	29	557	9.7	9	550	741	1096.27	11405
A	Mar 2020	700	155	33	593	9.6	11	568	755	1098.59	11610
L	Apr 2020	630	84	41	862	14.5	19	847	742	1096.39	11415
*	May 2020	629	33	46	1057	17.2	31	1054	713	1091.32	10971
	Jun 2020	650	28	55	983	16.5	29	983	689	1087.09	10607
	Jul 2020	750	73	68	896	14.6	30	896	679	1085.20	10447
	Aug 2020	835	91	72	786	12.8	30	786	681	1085.61	10481
	Sep 2020	600	75	59	755	12.7	26	755	671	1083.77	10326
	WY 2020	**8230**	**948**	**554**	**8315**		**237**	**8232**			
	Oct 2020	640	75	43	572	9.3	24	572	676	1084.62	10397
	Nov 2020	640	68	43	719	12.1	16	719	672	1083.83	10331
	Dec 2020	720	64	37	574	9.3	11	574	681	1085.64	10483
	Jan 2021	860	95	31	533	8.7	11	533	705	1089.81	10841
	Feb 2021	750	101	29	533	9.6	11	533	722	1092.83	11103
	Mar 2021	800	91	32	982	16.0	15	982	713	1091.34	10973
	Apr 2021	710	69	40	1047	17.6	21	1047	693	1087.77	10665
	May 2021	710	49	45	1007	16.4	27	1007	674	1084.22	10364
	Jun 2021	750	28	54	961	16.2	28	961	658	1081.27	10116
	Jul 2021	850	73	67	841	13.7	28	841	657	1081.13	10105
	Aug 2021	900	91	71	799	13.0	28	799	662	1082.16	10191
	Sep 2021	670	75	58	727	12.2	25	727	658	1081.42	10129
	WY 2021	**9000**	**878**	**548**	**9295**		**245**	**9295**			
	Oct 2021	640	75	43	535	8.7	24	535	665	1082.70	10236
	Nov 2021	640	68	43	654	11.0	17	654	665	1082.63	10230
	Dec 2021	720	64	37	491	8.0	12	491	680	1085.35	10459
	Jan 2022	860	95	31	519	8.4	11	519	704	1089.67	10829
	Feb 2022	750	101	29	520	9.4	11	520	722	1092.84	11103
	Mar 2022	800	91	32	968	15.8	15	968	714	1091.49	10986
	Apr 2022	710	69	40	1033	17.4	21	1033	695	1088.07	10691
	May 2022	710	49	45	993	16.2	28	993	676	1084.67	10402

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

Model Run ID: 3119

Processed On: 6/9/2020 1:34:52PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

June 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)
*	Jun 2019	912	-12	25	886	0	886	14.9	642.89	1696
H	Jul 2019	946	-11	25	895	0	894	14.5	643.48	1712
I	Aug 2019	802	-11	23	800	0	800	13.0	642.31	1680
S	Sep 2019	696	-17	18	767	0	767	12.9	638.35	1573
	WY 2019	**8892**	**-142**	**198**	**8538**	**0**	**8539**			
T	Oct 2019	626	-24	15	589	0	589	9.6	638.28	1572
O	Nov 2019	575	-4	11	457	0	457	7.7	642.13	1675
R	Dec 2019	220	0	9	247	0	247	4.0	640.77	1638
I	Jan 2020	405	0	10	380	0	380	6.2	641.32	1653
C	Feb 2020	557	-3	10	523	0	523	9.1	642.10	1674
A	Mar 2020	593	3	13	549	0	549	8.9	643.32	1708
L	Apr 2020	862	4	17	861	0	861	14.5	642.91	1696
*	May 2020	1057	-2	22	1025	0	1025	16.7	643.17	1703
	Jun 2020	983	-15	25	947	0	947	15.9	643.00	1699
	Jul 2020	896	-12	25	859	0	859	14.0	643.00	1699
	Aug 2020	786	-12	23	779	0	779	12.7	642.00	1671
	Sep 2020	755	-15	18	776	0	776	13.0	640.01	1618
	WY 2020	**8315**	**-79**	**198**	**7993**	**0**	**7993**			
	Oct 2020	572	-10	15	730	0	730	11.9	633.00	1434
	Nov 2020	719	-19	10	639	0	639	10.7	635.00	1486
	Dec 2020	574	-12	9	434	0	434	7.1	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	**9295**	**-159**	**197**	**8938**	**0**	**8938**			
	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

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

Model Run ID: 3119

Processed On: 6/9/2020 1:34:52PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

June 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)
*	Jun 2019	886	11	15	717	12.0	53	104	448.47	589	138	2.3
H	Jul 2019	894	15	17	739	12.0	59	92	448.12	582	146	2.4
I	Aug 2019	800	15	17	636	10.3	67	102	447.22	565	111	1.8
S	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**	
T	Oct 2019	589	18	12	430	7.0	30	151	447.77	576	68	1.1
O	Nov 2019	457	22	9	300	5.0	16	125	449.10	601	118	2.0
R	Dec 2019	247	18	7	159	2.6	46	72	448.16	583	109	1.8
I	Jan 2020	380	1	6	311	5.1	17	75	446.50	552	106	1.7
C	Feb 2020	523	-3	8	400	6.9	3	75	448.15	583	138	2.4
A	Mar 2020	549	15	9	455	7.4	43	94	446.04	543	198	3.2
L	Apr 2020	861	29	11	642	10.8	55	148	447.41	569	171	2.9
*	May 2020	1025	-7	13	752	12.2	61	180	447.51	571	132	2.1
	Jun 2020	947	11	15	718	12.1	96	97	448.50	590	137	2.3
	Jul 2020	859	18	17	706	11.5	99	52	448.00	580	151	2.5
	Aug 2020	779	17	17	626	10.2	99	52	447.50	571	114	1.9
	Sep 2020	776	17	15	532	8.9	96	140	447.50	570	112	1.9
	WY 2020	**7993**	**156**	**139**	**6032**		**662**	**1261**			**1552**	
	Oct 2020	730	24	12	459	7.5	99	178	447.50	571	69	1.1
	Nov 2020	639	16	9	359	6.0	94	188	447.50	571	88	1.5
	Dec 2020	434	22	7	228	3.7	98	138	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	**8938**	**183**	**139**	**6306**		**1045**	**1528**			**1449**	
	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

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

Model Run ID: 3119

Processed On: 6/9/2020 1:34:52PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

June 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
*	Jun 2019	912	15.3	1084.71	10405	-150	439.38	1591.0	359.0	100	393.7
H	Jul 2019	946	15.4	1082.82	10246	-159	435.56	1486.0	371.7	93	392.7
I	Aug 2019	802	13.0	1083.45	10299	53	439.02	1297.0	313.5	81	390.9
S	Sep 2019	696	11.7	1083.00	10261	-38	439.88	1494.1	267.4	93	384.4
	WY 2019	**8877**							**3494.1**		
T	Oct 2019	626	10.2	1082.61	10228	-33	439.17	1198.0	241.9	74	386.2
O	Nov 2019	575	9.7	1083.85	10333	104	438.74	1192.0	221.9	75	386.0
R	Dec 2019	220	3.6	1090.49	10899	567	448.42	838.0	81.6	52	371.4
I	Jan 2020	405	6.6	1094.68	11265	366	451.06	1152.1	160.0	70	395.1
C	Feb 2020	557	9.7	1096.27	11405	140	452.31	962.0	224.2	57	402.6
A	Mar 2020	593	9.6	1098.59	11610	205	450.96	1136.0	237.0	69	399.6
L	Apr 2020	862	14.5	1096.39	11415	-194	447.37	1138.0	351.1	69	407.4
*	May 2020	1057	17.2	1091.32	10971	-444	443.68	1385.0	424.4	85	401.5
	Jun 2020	983	16.5	1087.09	10607	-364	436.25	1511.0	385.2	94	392.0
	Jul 2020	896	14.6	1085.20	10447	-160	433.27	1511.0	349.8	94	390.2
	Aug 2020	786	12.8	1085.61	10481	35	432.87	1511.0	308.7	94	392.6
	Sep 2020	755	12.7	1083.77	10326	-155	433.90	1387.0	297.8	87	394.2
	WY 2020	**8315**							**3283.5**		
	Oct 2020	572	9.3	1084.62	10397	71	436.36	1287.0	222.2	80	388.6
	Nov 2020	719	12.1	1083.83	10331	-66	437.99	1389.0	284.5	87	395.5
	Dec 2020	574	9.3	1085.64	10483	152	436.37	1398.0	222.5	87	388.0
	Jan 2021	533	8.7	1089.81	10841	357	437.79	1322.0	205.7	81	386.0
	Feb 2021	533	9.6	1092.83	11103	262	442.06	1111.0	211.7	67	397.0
	Mar 2021	982	16.0	1091.34	10973	-130	442.10	1158.0	401.3	70	408.5
	Apr 2021	1047	17.6	1087.77	10665	-308	439.20	1144.1	424.9	70	406.0
	May 2021	1007	16.4	1084.22	10364	-301	433.78	1404.0	393.7	88	390.9
	Jun 2021	961	16.2	1081.27	10116	-248	429.24	1591.0	368.4	100	383.4
	Jul 2021	841	13.7	1081.13	10105	-12	428.04	1576.0	328.2	100	390.4
	Aug 2021	799	13.0	1082.16	10191	86	428.81	1591.0	310.9	100	389.1
	Sep 2021	727	12.2	1081.42	10129	-62	429.60	1591.0	281.6	100	387.2
	WY 2021	**9295**							**3655.5**		
	Oct 2021	535	8.7	1082.70	10236	106	432.14	1591.0	203.4	100	379.9
	Nov 2021	654	11.0	1082.63	10230	-5	436.44	1373.6	254.9	87	389.6
	Dec 2021	491	8.0	1085.35	10459	228	435.64	1386.1	193.0	87	392.7
	Jan 2022	519	8.4	1089.67	10829	370	437.59	1304.5	206.1	80	397.0
	Feb 2022	520	9.4	1092.84	11103	275	441.96	1108.0	205.5	68	395.5
	Mar 2022	968	15.8	1091.49	10986	-117	441.86	1192.4	393.8	73	406.6
	Apr 2022	1033	17.4	1088.07	10691	-295	439.08	1181.5	416.9	73	403.7
	May 2022	993	16.2	1084.67	10402	-289	434.16	1396.7	387.9	88	390.5

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

Model Run ID: 3119

Processed On: 6/9/2020 1:34:52PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

June 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
*	Jun 2019	886	14.9	642.89	1696	-12	140.50	255.0	113.6	100	128.3
H	Jul 2019	895	14.5	643.48	1712	16	142.50	255.0	113.2	100	126.5
I	Aug 2019	800	13.0	642.31	1680	-32	139.60	255.0	101.8	100	127.3
S	Sep 2019	767	12.9	638.35	1573	-107	137.20	255.0	96.0	100	125.1
	WY 2019	**8538**							**1079.9**		
T	Oct 2019	589	9.6	638.28	1572	-2	138.85	243.5	73.2	95	124.4
O	Nov 2019	457	7.7	642.13	1675	103	143.18	153.0	55.6	60	121.7
R	Dec 2019	247	4.0	640.77	1638	-37	141.96	156.3	30.5	61	123.7
I	Jan 2020	380	6.2	641.32	1653	15	141.95	156.3	49.9	61	131.3
C	Feb 2020	523	9.1	642.10	1674	21	139.59	156.5	68.9	61	131.6
A	Mar 2020	549	8.9	643.32	1708	33	142.51	164.5	67.4	65	122.6
L	Apr 2020	861	14.5	642.91	1696	-11	137.62	253.3	109.7	99	127.4
*	May 2020	1025	16.7	643.17	1703	7	140.19	255.0	128.5	100	125.3
	Jun 2020	947	15.9	643.00	1699	-5	139.02	255.0	118.6	100	125.2
	Jul 2020	859	14.0	643.00	1699	0	139.61	255.0	108.1	100	125.8
	Aug 2020	779	12.7	642.00	1671	-27	139.59	255.0	97.9	100	125.8
	Sep 2020	776	13.0	640.01	1618	-54	137.95	255.0	96.5	100	124.3
	WY 2020	**7993**							**1004.8**		
	Oct 2020	730	11.9	633.00	1434	-183	133.90	227.0	88.0	89	120.6
	Nov 2020	639	10.7	635.00	1486	51	131.84	159.8	75.9	63	118.8
	Dec 2020	434	7.1	639.51	1604	118	136.68	154.7	53.4	61	123.1
	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	**8938**							**1111.0**		
	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

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

Model Run ID: 3119

Processed On: 6/9/2020 1:34:52PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

June 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 Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jun 2019	717	12.0	448.47	589	-3	80.43	120.0	50.3	100	70.2
H	Jul 2019	739	12.0	448.12	582	-7	80.11	120.0	51.4	100	69.5
I	Aug 2019	636	10.3	447.22	565	-17	77.13	120.0	44.3	100	69.7
S	Sep 2019	514	8.6	449.03	600	34	83.07	120.0	35.9	100	69.8
	WY 2019	**6211**							**433.7**		
T	Oct 2019	430	7.0	447.77	576	-24	83.21	90.0	30.2	75	70.1
O	Nov 2019	300	5.0	449.10	601	25	84.29	92.0	20.2	77	67.2
R	Dec 2019	159	2.6	448.16	583	-18	81.68	100.6	9.4	84	59.3
I	Jan 2020	311	5.1	446.50	552	-31	80.47	97.7	22.0	81	70.7
C	Feb 2020	400	6.9	448.15	583	31	82.44	97.2	28.0	81	70.0
A	Mar 2020	455	7.4	446.04	543	-39	78.08	120.0	30.0	100	65.9
L	Apr 2020	642	10.8	447.41	569	25	81.56	120.0	44.4	100	69.2
*	May 2020	752	12.2	447.51	571	2	77.41	120.0	51.8	100	68.9
	Jun 2020	718	12.1	448.50	590	19	75.38	120.0	47.4	100	66.1
	Jul 2020	706	11.5	448.00	580	-9	75.61	120.0	46.7	100	66.2
	Aug 2020	626	10.2	447.50	571	-10	75.13	120.0	41.1	100	65.6
	Sep 2020	532	8.9	447.50	570	0	74.89	120.0	34.7	100	65.1
	WY 2020	**6032**							**405.8**		
	Oct 2020	459	7.5	447.50	571	0	76.29	90.0	30.2	75	65.9
	Nov 2020	359	6.0	447.50	571	0	76.19	92.0	23.3	77	65.0
	Dec 2020	228	3.7	446.50	552	-19	74.86	109.4	14.1	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	**6306**							**412.7**		
	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

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

Model Run ID: 3119

Processed On: 6/9/2020 1:34:52PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

June 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
*	Jun 2019	332	82	33	64	22	8
H	Jul 2019	391	39	28	54	23	7
I	Aug 2019	412	42	24	49	22	7
S	Sep 2019	312	44	15	22	18	2
Summer 2019		**2041**	**273**	**131**	**248**	**115**	**34**
T	Oct 2019	281	31	26	27	18	5
O	Nov 2019	280	31	22	25	14	5
R	Dec 2019	336	51	26	30	17	5
I	Jan 2020	338	51	18	22	11	5
C	Feb 2020	296	47	12	14	4	4
A	Mar 2020	307	46	11	13	7	4
Winter 2020		**1838**	**258**	**115**	**131**	**71**	**28**
L	Apr 2020	276	44	21	25	16	5
*	May 2020	276	37	23	37	19	7
	Jun 2020	276	65	17	25	16	9
	Jul 2020	320	24	30	37	19	7
	Aug 2020	354	33	19	30	15	6
	Sep 2020	253	35	22	27	14	5
Summer 2020		**1756**	**237**	**132**	**181**	**98**	**39**
	Oct 2020	269	24	20	26	13	2
	Nov 2020	267	21	5	7	4	6
	Dec 2020	299	29	7	10	5	6
	Jan 2021	353	29	7	10	5	5
	Feb 2021	305	27	6	9	5	4
	Mar 2021	323	30	0	10	6	4
Winter 2021		**1816**	**161**	**46**	**71**	**38**	**27**
	Apr 2021	285	29	0	20	11	4
	May 2021	287	35	2	19	14	6
	Jun 2021	310	79	46	59	22	8
	Jul 2021	356	26	26	31	17	10
	Aug 2021	375	32	27	33	17	7
	Sep 2021	277	34	27	32	9	2
Summer 2021		**1891**	**234**	**128**	**194**	**90**	**37**
	Oct 2021	264	28	25	30	15	6
	Nov 2021	262	28	8	11	6	6
	Dec 2021	293	40	25	30	15	6
	Jan 2022	348	40	16	20	11	5
	Feb 2022	302	36	11	14	8	5
	Mar 2022	320	30	13	17	9	5
Winter 2022		**1468**	**171**	**85**	**106**	**54**	**28**
	Apr 2022	283	29	20	28	15	5
	May 2022	288	40	53	74	23	7

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

Model Run ID: 3119

Processed On: 6/9/2020 1:34:52PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

June 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	Lake Mead KAF	Lake 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****										
Jun 2020	662	280	329	12083	13354	16406	29760	165	33	48	246	12083	16406	28735	1500	983	0	31.6
Jul 2020	558	196	336	11378	12468	16770	29238	48	-57	-2	-12	11378	16770	28136	1500	896	0	31.1
								****CREDITABLE SPACE****										
Aug 2020	526	244	399	11631	12801	16930	29731	526	244	399	1170	11631	16930	29731	1500	786	0	30.5
Sep 2020	570	275	444	12046	13335	16896	30231	570	275	444	1289	12046	16896	30231	2270	755	0	30.0
Oct 2020	628	308	459	12254	13650	17051	30701	628	308	459	1396	12254	17051	30701	3040	572	0	29.6
Nov 2020	648	346	454	12451	13899	16980	30878	648	346	454	1448	12451	16980	30878	3810	719	0	29.4
Dec 2020	661	339	453	12682	14135	17046	31181	661	339	453	1453	12682	17046	31181	4580	574	0	29.2
Jan 2021	709	341	457	13011	14518	16894	31411	709	341	457	1507	13011	16894	31411	5350	533	0	29.1
								****EFFECTIVE SPACE****										
Jan 2021	709	341	457	13011	14518	16894	31411	305	275	388	968	13011	16894	30872	5350	533	0	29.1
Feb 2021	751	346	464	13481	15042	16536	31578	345	282	394	1021	13481	16536	31038	1500	533	0	29.0
Mar 2021	787	351	465	13851	15454	16274	31728	378	289	395	1061	13851	16274	31186	1500	982	0	28.6
Apr 2021	783	347	441	14179	15750	16404	32154	370	286	363	1019	14179	16404	31602	1500	1047	0	28.3
May 2021	749	329	396	14253	15727	16712	32439	329	271	294	895	14253	16712	31860	1500	1007	0	29.1
Jun 2021	669	184	278	13591	14722	17013	31735	239	115	136	490	13591	17013	31093	1500	961	0	30.3
Jul 2021	570	96	222	12333	13221	17261	30482	129	7	23	159	12333	17261	29752	1500	841	0	30.3
								****CREDITABLE SPACE****										
Aug 2021	460	82	262	12414	13218	17272	30490	460	82	262	804	12414	17272	30490	1500	799	0	29.8
Sep 2021	490	110	292	12829	13722	17186	30908	490	110	292	892	12829	17186	30908	2270	727	0	29.3
Oct 2021	544	155	310	13073	14082	17248	31330	544	155	310	1009	13073	17248	31330	3040	535	0	29.0
Nov 2021	572	197	310	13221	14300	17141	31441	572	197	310	1079	13221	17141	31441	3810	654	0	28.9
Dec 2021	602	194	316	13412	14525	17147	31671	602	194	316	1112	13412	17147	31671	4580	491	0	28.8
Jan 2022	678	252	326	13637	14893	16918	31811	678	252	326	1256	13637	16918	31811	5350	519	0	28.8
								****EFFECTIVE SPACE****										
Jan 2022	678	252	326	13637	14893	16918	31811	417	241	118	776	13637	16918	31332	5350	519	0	28.8
Feb 2022	748	282	339	14006	15374	16548	31922	486	272	130	888	14006	16548	31442	1500	520	0	28.7
Mar 2022	803	297	341	14280	15722	16274	31995	540	287	131	958	14280	16274	31512	1500	968	0	28.5
Apr 2022	787	304	302	14473	15866	16391	32257	519	294	85	898	14473	16391	31762	1500	1033	0	28.5
May 2022	739	293	228	14322	15583	16686	32269	464	285	-14	735	14322	16686	31743	1500	993	0	29.7

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

Model Run ID: 3119

Processed On: 6/9/2020 1:34:52PM