June 24-Month Study
Date: June 14, 2018

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 13, Midnight Elevation (feet)	June 13, Midnight Reservoir Storage (acre-feet)
Fontenelle	354,000	216	6,499.23	292,000
Flaming Gorge	422,000	172	6,031.53	3,408,000
Blue Mesa	112,000	51	7,479.58	503,000
Navajo	88,000	32	6,047.83	1,200,000
Powell	1,214,000	52	3,612.02	12,935,000

Expected Operations

The operation of Lake Powell and Lake Mead in this June 2018 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 2018 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2017 24-Month Study projections of the January 1, 2018, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2018.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell's operational tier in water year 2018 is the Upper Elevation Balancing Tier. With an 8.23 million acre-feet (maf) release from Lake Powell in water year 2018, the April 2018 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet above sea level (feet), and the end of water year elevation at Lake Mead to be below 1,075 feet. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations shifted to balancing releases for the remainder of water year 2018. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this June 24-Month Study projects a balancing release of 9.0 maf in water year 2018.

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 2018.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2018 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/aop/AOP18.pdf

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6499.23 feet, which corresponds to a live storage content of 292,000 acre-feet (af) (85 percent of capacity). Inflows for the month of May were 354,440 af, or 216 percent of average. Above average inflows are occurring and releases are being adjusted to maintain capacity in the reservoir. Releases are currently (as of June 10, 2018) 7,000 cubic feet per second (cfs).

The Colorado Basin River Forecast Center has forecasted summer inflows that are above average. Inflows to Fontenelle Reservoir for the next 3 months (June, July, and August) are projected to be: 350,000 af (117 percent of average), 179,000 af (101 percent of average), and 80,000 af (105 percent of average), respectively.

The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Jed Parker at 801-524-3816.

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

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/ftcurrnt.html

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., August 23, 2018. The meeting will be held at the Joint Powers Water Board located at 2 Telephone Canyon Road in Green River, WY.

Flaming Gorge Reservoir – Releases are currently set at 1,800 cfs with fluctuations for hydropower. Average daily releases will likely remain at 1,800 cfs through the coming months.

Unregulated inflow into Flaming Gorge Reservoir during the month of May was 422,000 af, or 172 percent of average. The current (as of June 12, 2018) reservoir elevation is 6,031.27 which corresponds to a live storage content of 3.399 maf (91 percent of capacity) and is increasing. Unregulated inflow to Flaming Gorge over the next three months (June, July, and August) are projected to be: 425,000 af (109 percent of average), 152,000 af (72 percent of average), and 75,000 af (84 percent of average), respectively.

The June water supply forecast of the April through July unregulated inflow volume into Flaming Gorge Reservoir is 1.120 maf (114 percent of average).

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. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Jed Parker at 801-524-3816.

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

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/fgcurrnt.html

The next meeting of the Flaming Gorge Working Group will be held on Tuesday, August 28, 2018 at 11:00 a.m. at the DWR Office, 318 North Vernal Avenue, Vernal, Utah.

Aspinall Unit Reservoirs – Releases from Crystal Dam are approximately 1,750 cfs. Uncompahgre Valley Water Users Association is diverting approximately 1,050 cfs through the Gunnison Tunnel and flows through the Black Canyon are approximately 750 cfs. There currently is about a 50 cfs gain to the Gunnison River between Crystal Dam and the Gunnison Tunnel Diversion. Blue Mesa Reservoir elevation is 7579.82 feet which corresponds to live storage content of 505,000 acre-feet (61 percent of capacity).

The May unregulated inflow to Blue Mesa Reservoir was 112,301 af (51 percent of average). Unregulated Inflows to Blue Mesa for the next three months (June, July and August) are projected to be: 77,000 af (30 percent of average), 33,000 af (28 percent of average) and 28,000 af (44 percent of average), respectively. For water year 2018, the unregulated inflow volume is forecasted to be 487,000 af (51 percent of average) with 270,000 af (40 percent of average) forecasted unregulated inflow during the April through July period. The June 24-Month Study is reflective of this new forecast.

Conditions are clearly very dry and Blue Mesa Reservoir will not fill this year. Current projections indicate Blue Mesa storage will continue to decrease through the rest of water year 2018 ending on September 30, 2018 with a projected elevation and storage of approximately 7455.7 feet and 345,000 af, respectively.

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

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

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

The next meeting of the Aspinall Unit Working Group will be held on Thursday, August 16, 2018 at 1:00 pm at the at the Elk Creek Visitor Center at Blue Mesa Reservoir, Colorado.

Navajo Reservoir – The current (June 13, 2018) release rate from Navajo Dam is 650 cfs and the observed inflow to Navajo Reservoir is 180 cfs. The Navajo Indian Irrigation Project (NIIP) is diverting 810 cfs. The reservoir elevation is 6047.8 feet which corresponds to a live storage of 1.201 maf (71 percent of live storage capacity). This elevation also corresponds to an active storage of 0.538 maf (52 percent of active storage capacity). The river flow measured at the San Juan River at Four Corners USGS gage is 570 cfs. River flow at the Animas River at Farmington USGS gage is at 240 cfs. Releases from Navajo Dam are made for the authorized purposes of the Navajo Unit, and pursuant to the 2006 Record of Decision, to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Preliminary modified-unregulated inflow into Navajo in April was 88,244 acre-feet, which was 86 percent of average for the month. Modified-unregulated inflow to Navajo over the next three months (June, July, and August) are projected to be: 10,000 af (5 percent of average), 6,000 af (9 percent of average), and 25,000 af (55 percent of average), respectively.

The April-July modified-unregulated inflow runoff forecasts are as follows:

Min Probable: 161,000 acre-feet (22 percent of average, a decrease of 5,000 acre-feet since the last forecast)
Most Probable: 174,000 acre-feet (24 percent of average, a decrease of 11,000 acre-feet since the last forecast)
Max Probable: 191,000 acre-feet (26 percent of average, a decrease of 24,000 acre-feet since the last forecast

A short release of 2,000 cfs for 2 hours was requested by the NM Department of Game and Fish to aid in a habitat project in the tailwater reach below Navajo Dam. One of the purposes of this project is to curb sediment input entering the San Juan River in this area. Reclamation complied with this request by ramping up in the evening of June 5, 2018 and then peaking at 2,000 cfs for two hours mid-day on June 6, 2018 and ramping down of June 7, 2018. Total release over base releases was approximately 2300 af. Reclamation also coordinated with state and local agencies during this event for awareness and safety. Releases for the remainder of the runoff season will be made to

maintain the minimum target baseflow in the critical habitat reach and will likely range from 300 to 700 cfs.

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

The next Navajo Public Operations Coordination Meeting is scheduled for Tuesday, August 21, 2018, at 1:00 p.m. at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The Department of the Interior is conducting the first experimental flow at Glen Canyon Dam since implementing its Long-Term Experimental and Management Plan (LTEMP). Experiments under LTEMP consist of four different flow regimes: high flows, bug flows, trout management flows, and low summer flows. The goal of this first experiment under LTEMP (a bug flow experiment) is to provide enhanced habitat for the lifecycle of aquatic insects that are the primary food source for fish in the Colorado River.

Collaborative discussions among technical experts resulted in a decision to begin this year's experiment on May 1 and to continue through August 31, 2018. The experiment will slightly modify the hourly and weekly patterns of scheduled water releases through Glen Canyon Dam however the projected monthly release volumes will not be altered.

During this experiment, releases during weekends will be steady (i.e. no hourly fluctuations) while releases on weekdays will fluctuate for power production as prescribed under LTEMP. Steady weekend releases 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. The steady weekend release rate will be relatively low resulting in a river stage that is within four inches of the weekday low water stage level. Recreational river users will not likely notice the difference in stage levels that will occur during the experiment as compared to normal LTEMP operations.

Insects expected to benefit from this experiment are an important food source for many species of fish, birds, and bats in lower Glen Canyon and the Grand Canyon. Beyond expected resource benefits, this experiment will also provide scientific information that will be used in future decision making.

The unregulated inflow volume to Lake Powell during May was 1.21 (maf) (52 percent of average). The release volume from Glen Canyon Dam in May was 705 thousand acre-feet (kaf). The end of May elevation of Lake Powell was 3,611.54 feet (88.46 feet from

full pool) and this corresponds to a live storage volume of 12.90 maf (53 percent of live storage capacity). Lake Powell elevation is projected to decline each month this water year with some reprieve during the smaller than normal spring runoff period.

Current Operations

Under the Interim Guidelines, the operating Tier for water year 2018 was established in August 2017 as the Upper Elevation Balancing Tier with 8.23 maf projected as the annual release volume for water year 2018. As provided under this operational Tier, however, the April 2018 24-Month Study projected Lake Powell's end of water year elevation to be above 3575 feet and Lake Mead's end of water year elevation to be below 1075 feet with a projected release volume of 8.23 maf. This projected condition resulted in a shift to a Balancing which reset the annual release volume for Lake Powell. Under a Balancing condition, the storage levels of Lake Powell and Lake Mead are to be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell during the water year.

Based on the most probable inflow forecast, the June 24-Month Study projects the annual release volume, as determined under the Balancing provisions of the Interim Guidelines, to be 9.0 maf for water year 2018. The annual release volume for water year 2018 will be dependent upon hydrologic conditions and will be adjusted each month as necessary to meet the Balancing condition within the range from 8.23 to 9.0 maf. Reclamation will make operational adjustments at Glen Canyon Dam throughout water year 2018 to achieve as practicably as possible the appropriate annual release volume by September 30, 2018.

In June, the release volume will be approximately 760 kaf, with fluctuations anticipated between about 8,850 cfs in the nighttime to about 16,450 cfs in the daytime and consistent with the Glen Canyon Dam, LTEMP Record of Decision (December, 2016). The anticipated release volume for July is 860 kaf with daily fluctuations between approximately 10,180 cfs and 18,180 cfs. The expected release for August is 900 kaf with daily fluctuations between approximately 10,500 cfs and 18,500 cfs.

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. In most cases, fluctuations for regulation are short lived and generally balance out over the hour with minimal impacts on downstream river conditions.

Releases from Glen Canyon Dam can also fluctuate 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 maintains at least 30 MW (approximately 800 cfs) of generation capacity at all times in reserve in order to

respond to system emergencies. Release fluctuations resulting from unscheduled power outages or system emergencies occur infrequently but can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The most probable unregulated inflow volume to Lake Powell for April through July is currently forecasted to be 2.8 maf (39 percent of average). This is 200 kaf less than the forecast issued last month. There is still uncertainty regarding what the unregulated inflow volume to Lake Powell will be during the April through July period. The minimum probable April through July unregulated inflow volume is forecasted to be 2.34 maf (33 percent of average) and the maximum probable April through July unregulated inflow volume is forecasted to be 3.37 maf (47 percent of average). There is 10 percent probability the April through July unregulated inflow volume could be higher than the maximum probable forecast and a 10 percent probability the April through July unregulated inflow volume could be lower than the minimum probable forecast.

The June 24-Month Study projects Lake Powell elevation will end water year 2018 near 3,597 feet with approximately 11.47 maf in storage (47 percent capacity). To put this projected condition in context with the level of uncertainty for this point in time, the minimum probable inflow scenario would result an end of water year elevation and storage of approximately 3,589 feet and 10.7 maf (44 percent capacity), respectively. The maximum probable inflow scenario would result in an end of water year elevation and storage of approximately 3616 feet and 13.3 maf (55 percent capacity), respectively.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 18-year period 2000 to 2017, 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 18 years. The period 2000-2017 is the lowest 18-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.76 maf, or 81percent 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 2000-2017 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 2017 unregulated inflow volume to Lake Powell was 11.9 maf (110 percent of average), the fourth year to be above average. Under the current most probable forecast, the total water year 2018 unregulated inflow to Lake Powell is projected to be 5.25 maf (48 percent of average).

At the beginning of water year 2018, total system storage in the Colorado River Basin was 32.9 maf (55 percent of 59.6 maf total system capacity). This is an increase of 2.7 maf over the total storage at the beginning of water year 2017 when total system storage was 30.2 maf (51 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 a low of 50 percent of capacity at the beginning of water year 2005. One wet year can significantly increase total system reservoir storage, just as persistent dry years

can draw down the system storage. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2018 is approximately 29.0 maf (48 percent of total system capacity). The actual end of water year 2018 system storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and reservoir inflow. Based on the April minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2018 total system capacity is approximately 27.8 maf (47 percent of capacity) to 31.0 maf (52 percent of capacity), respectively.

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
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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			may	Forecast			Outlook	
:	feb	mar	apr	may	%Avg	jun	jul	aug	apr-jul	%Avg
GLDA3:Lake Powell	269	332	382	1211	52%:	960/	247/	225/	2800/:	39%
GBRW4:Fontenelle	38	58	101	354	216%:	400/	125/	70/	980/:	135%
GRNU1:Flaming Gorge	57	86	121	422	174%:	425/	152/	75/	1120/:	114%
BMDC2:Blue Mesa	23	28	48	112	51%:	77/	33/	28/	270/:	40%
MPSC2:Morrow Point	24	29	54	121	49%:	81/	34/	30/	290/:	39%
CLSC2:Crystal	27	33	60	129	46%:	86/	35/	33/	310/:	37%
TPIC2:Taylor Park	3.8	4.6	8.5	24	85%:	17/	8/	6/	58/:	59%
VCRC2:Vallecito	2.9	3.9	14.9	29	41%:	10/	6/	7/	60/:	31%
NVRN5:Navajo	13.5	24	70	88	32%:	10/	6/	25/	174/:	24%
LEMC2:Lemon	0.38	0.61	3.1	7.5	35%:	2/	1/	2/	13.6/:	25%
MPHC2:McPhee	2.3	3.6	13.0	22	18%:	6.5/	4.5/	5/	46/:	16%
RBSC2:Ridgway	3.1	3.4	5.3	13.0	50%:	11/	6/	5/	35/:	50%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2018 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 2017	732	2	74	469	543	6502.49	317
H	Jul 2017	332	3	88	230	319	6503.83	328
I	Aug 2017	102	2	95	61	156	6496.34	271
S	Sep 2017	66	2	69	4	72	6495.21	263
	WY 2017	**2319**	**15**	**379**	**1890**	**2270**		
T	Oct 2017	73	1	80	0	80	6494.03	255
O	Nov 2017	62	1	78	0	78	6491.65	238
R	Dec 2017	46	1	72	8	80	6486.39	204
I	Jan 2018	42	1	79	1	80	6479.83	165
C	Feb 2018	38	0	72	0	72	6472.86	131
A	Mar 2018	58	0	16	56	71	6469.78	117
L	Apr 2018	101	1	83	4	87	6472.76	130
*	May 2018	354	2	100	123	223	6494.84	260
	Jun 2018	400	3	100	220	320	6505.13	339
	Jul 2018	125	3	100	45	145	6502.23	316
	Aug 2018	70	2	100	0	100	6497.96	284
	Sep 2018	47	2	65	0	65	6495.17	264
	WY 2018	**1417**	**15**	**946**	**457**	**1402**		
	Oct 2018	52	1	68	0	68	6492.78	247
	Nov 2018	47	1	65	0	65	6489.84	228
	Dec 2018	40	1	68	0	68	6485.56	199
	Jan 2019	35	1	68	0	68	6479.90	166
	Feb 2019	32	0	61	0	61	6473.93	137
	Mar 2019	50	0	73	0	73	6468.57	113
	Apr 2019	80	1	74	0	74	6469.90	119
	May 2019	150	1	90	0	90	6481.89	177
	Jun 2019	270	2	103	42	145	6500.17	300
	Jul 2019	175	3	101	30	130	6505.56	342
	Aug 2019	66	2	93	0	93	6501.83	313
	Sep 2019	43	2	65	0	65	6498.62	289
	WY 2019	**1040**	**15**	**928**	**72**	**1000**		
	Oct 2019	47	1	68	0	68	6495.57	266
	Nov 2019	41	1	65	0	65	6492.01	241
	Dec 2019	32	1	68	0	68	6486.47	205
	Jan 2020	30	1	68	0	68	6480.10	167
	Feb 2020	28	0	61	0	61	6473.23	133
	Mar 2020	53	0	73	0	73	6468.42	113
	Apr 2020	85	1	74	0	74	6471.02	123
	May 2020	164	1	99	1	100	6483.36	186

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

Model Run ID: 3063

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2018 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 2017	895	705	11	263	223	486	137	6031.41	3404	859
H	Jul 2017	387	374	14	180	48	228	142	6034.61	3531	315
I	Aug 2017	120	174	13	143	0	143	143	6035.05	3548	173
S	Sep 2017	87	93	11	141	0	141	140	6033.63	3491	161
	WY 2017	**3153**	**3104**	**81**	**2016**	**712**	**2728**				**4225**
T	Oct 2017	88	95	8	107	0	107	140	6033.17	3473	151
O	Nov 2017	82	98	4	139	0	139	138	6032.07	3430	166
R	Dec 2017	52	86	2	174	0	174	135	6029.85	3343	197
I	Jan 2018	52	90	2	175	0	175	131	6027.65	3259	208
C	Feb 2018	57	91	2	155	1	157	129	6025.91	3194	197
A	Mar 2018	86	99	3	106	0	106	128	6025.65	3184	178
L	Apr 2018	121	108	5	101	0	101	128	6025.69	3186	277
*	May 2018	422	290	8	163	6	169	133	6028.57	3294	572
	Jun 2018	425	345	11	127	0	127	141	6033.70	3494	287
	Jul 2018	152	172	14	111	0	111	142	6034.83	3539	138
	Aug 2018	75	105	13	111	0	111	142	6034.37	3521	127
	Sep 2018	56	74	12	107	0	107	140	6033.30	3478	117
	WY 2018	**1668**	**1653**	**83**	**1576**	**7**	**1583**				**2612**
	Oct 2018	64	80	8	111	0	111	138	6032.36	3441	138
	Nov 2018	60	78	4	107	0	107	137	6031.58	3410	135
	Dec 2018	41	69	2	111	0	111	136	6030.49	3368	134
	Jan 2019	45	78	2	111	0	111	134	6029.63	3335	131
	Feb 2019	45	74	2	100	0	100	133	6028.92	3308	119
	Mar 2019	95	118	3	162	0	162	131	6027.72	3262	227
	Apr 2019	130	124	5	158	0	158	130	6026.74	3225	348
	May 2019	195	135	8	204	0	204	127	6024.75	3151	694
	Jun 2019	325	200	10	140	0	140	129	6026.05	3199	575
	Jul 2019	200	155	13	98	0	98	130	6027.17	3241	173
	Aug 2019	75	102	12	98	0	98	130	6026.94	3233	117
	Sep 2019	50	72	11	95	0	95	129	6026.08	3200	109
	WY 2019	**1325**	**1285**	**79**	**1495**	**0**	**1495**				**2900**
	Oct 2019	55	76	7	98	0	98	128	6025.32	3172	125
	Nov 2019	50	74	3	95	0	95	127	6024.68	3148	124
	Dec 2019	35	71	2	98	0	98	126	6023.90	3120	124
	Jan 2020	40	78	2	98	0	98	125	6023.31	3098	123
	Feb 2020	45	78	2	92	0	92	124	6022.89	3083	120
	Mar 2020	102	123	3	50	0	50	127	6024.73	3150	127
	Apr 2020	134	122	5	48	0	48	129	6026.53	3217	263
	May 2020	245	181	8	129	0	129	131	6027.68	3260	661

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

Model Run ID: 3063

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2018 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 2017	62	45	9327.76	102
H	Jul 2017	24	26	9326.95	100
I	Aug 2017	12	25	9320.31	88
S	Sep 2017	8	18	9314.58	77
	WY 2017	**179**	**173**		
T	Oct 2017	8	8	9314.93	78
O	Nov 2017	6	6	9315.09	78
R	Dec 2017	4	6	9313.84	76
I	Jan 2018	4	6	9312.64	74
C	Feb 2018	4	6	9311.50	72
A	Mar 2018	5	6	9310.51	71
L	Apr 2018	8	7	9311.18	72
*	May 2018	24	12	9318.33	84
	Jun 2018	17	15	9319.50	86
	Jul 2018	8	18	9313.49	76
	Aug 2018	6	15	9307.64	66
	Sep 2018	4	12	9302.32	58
	WY 2018	**99**	**118**		
	Oct 2018	5	4	9303.29	60
	Nov 2018	4	3	9303.98	61
	Dec 2018	3	3	9303.91	61
	Jan 2019	3	3	9303.84	61
	Feb 2019	2	3	9303.29	60
	Mar 2019	3	3	9303.22	60
	Apr 2019	5	10	9299.63	55
	May 2019	23	16	9304.94	62
	Jun 2019	36	21	9314.42	77
	Jul 2019	15	24	9309.21	69
	Aug 2019	7	20	9300.73	56
	Sep 2019	6	15	9293.75	47
	WY 2019	**112**	**123**		
	Oct 2019	6	7	9292.77	46
	Nov 2019	5	5	9292.55	46
	Dec 2019	5	5	9292.10	45
	Jan 2020	4	5	9291.36	44
	Feb 2020	4	5	9290.39	43
	Mar 2020	4	8	9287.09	40
	Apr 2020	9	8	9287.82	40
	May 2020	28	30	9286.16	39

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

Model Run ID: 3063

Processed On: 6/12/2018 1:04:57PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2018 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 2017	392	373	1	139	35	175	7515.35	793
H	Jul 2017	135	137	2	113	0	110	7518.20	819
I	Aug 2017	84	96	1	111	0	111	7516.38	802
S	Sep 2017	35	45	1	115	0	114	7508.43	732
	WY 2017	**1245**	**1238**	**9**	**987**	**101**	**1163**		
T	Oct 2017	37	37	1	102	0	102	7500.64	667
O	Nov 2017	32	32	0	40	0	40	7499.68	659
R	Dec 2017	25	27	0	93	0	93	7491.44	593
I	Jan 2018	20	22	0	60	0	60	7486.51	554
C	Feb 2018	23	25	0	32	0	32	7485.54	547
A	Mar 2018	28	29	0	43	0	43	7483.73	534
L	Apr 2018	48	47	1	82	0	82	7478.94	498
*	May 2018	112	100	1	85	0	85	7480.90	513
	Jun 2018	77	75	1	90	0	90	7478.62	496
	Jul 2018	33	43	1	99	0	99	7470.44	439
	Aug 2018	28	37	1	78	0	78	7464.14	397
	Sep 2018	24	32	1	72	0	72	7457.50	356
	WY 2018	**487**	**507**	**8**	**875**	**0**	**875**		
	Oct 2018	24	23	0	45	0	45	7453.71	334
	Nov 2018	21	20	0	18	0	18	7454.06	336
	Dec 2018	18	18	0	19	0	19	7453.96	335
	Jan 2019	16	16	0	21	0	21	7453.17	331
	Feb 2019	14	15	0	17	0	17	7452.69	328
	Mar 2019	25	25	0	22	0	22	7453.09	330
	Apr 2019	55	60	1	50	0	50	7454.81	340
	May 2019	175	168	1	170	0	170	7454.20	336
	Jun 2019	250	235	1	45	0	45	7482.61	525
	Jul 2019	90	99	1	73	0	73	7485.84	549
	Aug 2019	48	61	1	76	0	76	7483.64	533
	Sep 2019	34	43	1	68	0	68	7480.09	507
	WY 2019	**770**	**781**	**7**	**624**	**0**	**624**		
	Oct 2019	36	37	0	42	0	42	7479.24	500
	Nov 2019	30	30	0	12	0	12	7481.76	519
	Dec 2019	26	26	0	12	0	12	7483.69	533
	Jan 2020	24	25	0	12	0	12	7485.49	547
	Feb 2020	22	23	0	11	0	11	7487.12	559
	Mar 2020	36	40	0	17	0	17	7489.95	581
	Apr 2020	77	76	1	42	0	42	7494.23	615
	May 2020	221	223	1	167	0	167	7501.03	670

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

Model Run ID: 3063

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2018 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 2017	411	175	19	195	184	0	193	7151.34	110
H	Jul 2017	139	110	4	114	37	0	111	7155.13	113
I	Aug 2017	86	111	2	113	0	0	115	7152.68	111
S	Sep 2017	35	114	0	115	92	0	112	7155.62	114
	WY 2017	**1314**	**1163**	**69**	**1232**	**893**	**0**	**1226**		
T	Oct 2017	38	102	1	103	105	0	105	7153.17	112
O	Nov 2017	34	40	1	41	42	0	42	7152.45	111
R	Dec 2017	26	93	1	94	94	0	94	7152.45	111
I	Jan 2018	22	60	2	62	62	0	63	7150.65	110
C	Feb 2018	24	32	1	33	34	0	34	7149.19	108
A	Mar 2018	29	43	1	44	49	0	49	7143.05	104
L	Apr 2018	54	82	6	87	79	0	79	7154.30	112
*	May 2018	121	85	8	94	94	0	94	7153.76	112
	Jun 2018	81	90	4	94	94	0	94	7153.73	112
	Jul 2018	34	99	1	100	100	0	100	7153.73	112
	Aug 2018	30	78	2	80	80	0	80	7153.73	112
	Sep 2018	26	72	2	74	74	0	74	7153.73	112
	WY 2018	**518**	**875**	**31**	**907**	**907**	**0**	**908**		
	Oct 2018	25	45	1	46	46	0	46	7153.73	112
	Nov 2018	22	18	1	19	19	0	19	7153.73	112
	Dec 2018	19	19	1	20	20	0	20	7153.73	112
	Jan 2019	16	21	0	21	21	0	21	7153.73	112
	Feb 2019	14	17	0	17	17	0	17	7153.73	112
	Mar 2019	27	22	2	24	24	0	24	7153.73	112
	Apr 2019	60	50	5	55	55	0	55	7153.73	112
	May 2019	191	170	16	186	186	0	186	7153.73	112
	Jun 2019	265	45	15	60	60	0	60	7153.73	112
	Jul 2019	94	73	4	77	77	0	77	7153.73	112
	Aug 2019	51	76	3	79	79	0	79	7153.73	112
	Sep 2019	36	68	2	70	70	0	70	7153.73	112
	WY 2019	**820**	**624**	**50**	**674**	**674**	**0**	**674**		
	Oct 2019	38	42	2	45	45	0	45	7153.73	112
	Nov 2019	32	12	2	14	14	0	14	7153.73	112
	Dec 2019	28	12	2	14	14	0	14	7153.73	112
	Jan 2020	27	12	2	14	14	0	14	7153.73	112
	Feb 2020	25	11	3	13	13	0	13	7153.73	112
	Mar 2020	40	17	4	21	21	0	21	7153.73	112
	Apr 2020	88	42	11	53	53	0	53	7153.73	112
	May 2020	247	167	26	193	193	0	193	7153.73	112

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

Model Run ID: 3063

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2018 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 2017	446	193	36	229	44	127	231	6751.78	17	61	172
H	Jul 2017	148	111	8	119	96	25	121	6746.24	15	63	60
I	Aug 2017	89	115	3	119	119	0	119	6744.79	15	62	58
S	Sep 2017	39	112	4	116	115	0	115	6748.63	16	59	56
	WY 2017	**1423**	**1226**	**109**	**1335**	**751**	**350**	**1334**			**413**	**929**
T	Oct 2017	43	105	5	110	109	0	109	6751.20	16	55	53
O	Nov 2017	38	42	4	46	46	0	46	6749.89	16	1	46
R	Dec 2017	29	94	3	97	97	0	97	6749.23	16	1	98
I	Jan 2018	25	63	3	66	62	4	66	6747.99	16	1	65
C	Feb 2018	27	34	3	37	16	20	36	6750.06	16	0	35
A	Mar 2018	33	49	4	52	53	0	53	6747.97	16	13	38
L	Apr 2018	60	79	6	84	84	0	84	6749.35	16	53	28
*	May 2018	129	94	9	102	102	0	102	6749.41	16	62	40
	Jun 2018	86	94	5	99	98	0	98	6753.04	17	61	37
	Jul 2018	35	100	1	101	101	0	101	6753.04	17	63	38
	Aug 2018	33	80	3	83	83	0	83	6753.04	17	65	18
	Sep 2018	29	74	3	77	77	0	77	6753.04	17	55	22
	WY 2018	**567**	**908**	**48**	**956**	**929**	**25**	**955**			**430**	**519**
	Oct 2018	28	46	3	49	49	0	49	6753.04	17	30	19
	Nov 2018	24	19	2	21	21	0	21	6753.04	17	0	21
	Dec 2018	21	20	2	22	22	0	22	6753.04	17	0	22
	Jan 2019	17	21	1	22	22	0	22	6753.04	17	0	22
	Feb 2019	16	17	2	19	19	0	19	6753.04	17	0	19
	Mar 2019	29	24	2	26	26	0	26	6753.04	17	5	21
	Apr 2019	65	55	5	60	60	0	60	6753.04	17	42	18
	May 2019	210	186	19	205	134	71	205	6753.04	17	62	143
	Jun 2019	290	60	25	85	85	0	85	6753.04	17	61	24
	Jul 2019	100	77	6	83	83	0	83	6753.04	17	65	18
	Aug 2019	55	79	4	83	83	0	83	6753.04	17	65	18
	Sep 2019	40	70	4	74	74	0	74	6753.04	17	55	19
	WY 2019	**895**	**674**	**75**	**749**	**678**	**71**	**749**			**385**	**364**
	Oct 2019	42	45	5	49	49	0	49	6753.04	17	30	19
	Nov 2019	36	14	4	18	18	0	18	6753.04	17	0	18
	Dec 2019	32	14	5	18	18	0	18	6753.04	17	0	18
	Jan 2020	31	14	5	18	18	0	18	6753.04	17	0	18
	Feb 2020	29	13	4	17	17	0	17	6753.04	17	0	17
	Mar 2020	46	21	6	28	28	0	28	6753.04	17	5	23
	Apr 2020	101	53	12	65	65	0	65	6753.04	17	42	23
	May 2020	281	193	34	227	134	93	227	6753.04	17	62	165

* 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

RECLAMATION
Managing Water in the West

June 2018 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 2017	72	57	7664.54	124
H	Jul 2017	30	39	7660.94	115
I	Aug 2017	19	33	7655.15	100
S	Sep 2017	9	34	7644.31	74
	WY 2017	**303**	**297**		
T	Oct 2017	9	22	7638.22	61
O	Nov 2017	5	2	7639.49	63
R	Dec 2017	3	1	7640.27	65
I	Jan 2018	3	0	7641.42	67
C	Feb 2018	3	0	7642.57	70
A	Mar 2018	4	0	7644.11	73
L	Apr 2018	15	3	7649.29	85
*	May 2018	29	29	7648.91	84
	Jun 2018	29	30	7648.29	83
	Jul 2018	10	28	7639.83	64
	Aug 2018	6	26	7629.23	43
	Sep 2018	7	21	7620.33	30
	WY 2018	**122**	**164**		
	Oct 2018	7	12	7616.29	24
	Nov 2018	4	2	7618.02	27
	Dec 2018	3	2	7618.90	28
	Jan 2019	3	2	7619.75	29
	Feb 2019	2	2	7619.95	29
	Mar 2019	4	2	7621.44	31
	Apr 2019	16	2	7630.19	45
	May 2019	54	31	7641.59	68
	Jun 2019	63	44	7649.73	86
	Jul 2019	25	42	7642.13	69
	Aug 2019	16	38	7631.08	47
	Sep 2019	13	30	7620.54	30
	WY 2019	**210**	**207**		
	Oct 2019	13	17	7617.20	26
	Nov 2019	8	2	7621.85	32
	Dec 2019	6	2	7624.83	36
	Jan 2020	5	2	7627.01	40
	Feb 2020	5	2	7628.74	43
	Mar 2020	9	2	7632.44	49
	Apr 2020	23	2	7642.85	70
	May 2020	71	70	7643.35	72

* 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

RECLAMATION
Managing Water in the West

June 2018 24-Month Study

Most Probable Inflow*

Navajo Reservoir

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Jun 2017	231	46	166	5	40	259	6063.90	1398	449
H	Jul 2017	49	11	48	4	43	38	6061.00	1361	88
I	Aug 2017	30	5	38	4	35	36	6058.07	1323	55
S	Sep 2017	9	2	33	3	23	42	6055.28	1289	48
	WY 2017	**1157**	**160**	**991**	**28**	**198**	**785**			**1410**
T	Oct 2017	38	2	49	2	8	32	6055.89	1296	52
O	Nov 2017	19	0	16	1	0	25	6055.04	1286	41
R	Dec 2017	10	0	9	1	0	24	6053.69	1270	40
I	Jan 2018	12	0	9	1	0	23	6052.47	1255	40
C	Feb 2018	14	0	11	1	1	18	6051.73	1246	33
A	Mar 2018	24	2	19	2	6	21	6050.92	1236	30
L	Apr 2018	70	13	46	2	20	38	6049.73	1222	42
*	May 2018	88	16	71	3	36	32	6049.80	1223	71
	Jun 2018	10	3	8	4	50	34	6042.86	1144	59
	Jul 2018	6	0	24	4	56	47	6035.22	1062	59
	Aug 2018	25	0	45	3	47	46	6030.25	1011	59
	Sep 2018	25	0	39	2	26	31	6028.15	990	44
	WY 2018	**341**	**36**	**347**	**24**	**250**	**372**			**571**
	Oct 2018	22	0	27	1	10	26	6027.10	980	38
	Nov 2018	20	0	18	1	0	21	6026.72	976	29
	Dec 2018	15	0	14	0	0	22	6025.88	968	29
	Jan 2019	15	0	14	0	0	22	6025.04	960	28
	Feb 2019	19	0	19	1	0	19	6024.88	958	24
	Mar 2019	54	0	52	1	5	22	6027.32	982	32
	Apr 2019	110	2	94	2	21	21	6032.30	1032	50
	May 2019	230	7	200	3	36	22	6045.36	1172	134
	Jun 2019	180	3	158	4	52	29	6051.70	1246	148
	Jul 2019	35	0	52	4	57	31	6048.30	1206	81
	Aug 2019	30	0	52	3	48	36	6045.26	1171	65
	Sep 2019	30	0	47	2	26	37	6043.55	1152	60
	WY 2019	**760**	**12**	**745**	**23**	**254**	**306**			**716**
	Oct 2019	37	0	42	2	10	47	6042.05	1135	70
	Nov 2019	30	0	24	1	0	34	6041.09	1125	50
	Dec 2019	25	0	21	1	0	25	6040.63	1120	40
	Jan 2020	22	0	18	1	0	22	6040.25	1116	36
	Feb 2020	30	0	27	1	0	30	6039.89	1112	43
	Mar 2020	92	0	86	1	6	92	6038.61	1098	114
	Apr 2020	170	2	146	2	22	170	6034.10	1050	223
	May 2020	277	7	269	3	36	277	6029.42	1003	423

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2018 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)
*	Jun 2017	3115	2680	51	749	0	749	3634.89	5286	15408	763
H	Jul 2017	1073	889	64	850	0	850	3634.69	5284	15385	875
I	Aug 2017	446	495	63	900	0	900	3630.88	5250	14952	929
S	Sep 2017	196	410	57	663	0	663	3628.31	5227	14664	671
	WY 2017	**11905**	**11396**	**409**	**8874**	**126**	**9000**				**9152**
T	Oct 2017	449	533	39	640	0	640	3627.09	5216	14530	634
O	Nov 2017	387	454	37	630	0	630	3625.29	5200	14332	619
R	Dec 2017	299	483	29	740	0	740	3622.85	5179	14068	733
I	Jan 2018	262	442	9	860	0	860	3619.14	5147	13672	861
C	Feb 2018	269	387	10	730	0	730	3616.02	5121	13346	750
A	Mar 2018	332	395	16	800	0	800	3612.23	5090	12956	835
L	Apr 2018	382	419	25	705	0	705	3609.39	5067	12669	738
*	May 2018	1214	968	29	705	0	705	3611.54	5085	12886	730
	Jun 2018	960	750	45	760	0	760	3611.04	5080	12835	768
	Jul 2018	247	369	53	860	0	860	3605.99	5040	12331	879
	Aug 2018	225	379	51	900	0	900	3600.53	4998	11801	918
	Sep 2018	225	357	46	671	0	671	3597.02	4971	11468	682
	WY 2018	**5251**	**5937**	**389**	**9000**	**0**	**9000**				**9145**
	Oct 2018	360	441	31	640	0	640	3594.74	4954	11255	646
	Nov 2018	380	425	30	640	0	640	3592.28	4936	11028	640
	Dec 2018	300	377	23	720	0	720	3588.53	4909	10688	725
	Jan 2019	280	357	7	860	0	860	3583.20	4871	10216	871
	Feb 2019	280	339	7	750	0	750	3578.70	4840	9829	754
	Mar 2019	460	498	12	800	0	800	3575.24	4817	9537	805
	Apr 2019	720	676	19	710	0	710	3574.65	4813	9488	718
	May 2019	1730	1568	23	710	0	710	3583.72	4875	10262	716
	Jun 2019	2380	1893	39	750	0	750	3595.06	4956	11285	758
	Jul 2019	800	734	48	850	0	850	3593.42	4944	11133	869
	Aug 2019	370	475	47	900	0	900	3588.61	4909	10695	918
	Sep 2019	340	453	43	670	0	670	3585.92	4890	10455	681
	WY 2019	**8400**	**8236**	**330**	**9000**	**0**	**9000**				**9100**
	Oct 2019	455	524	29	640	0	640	3584.40	4879	10321	646
	Nov 2019	447	477	28	640	0	640	3582.38	4865	10144	640
	Dec 2019	363	412	22	720	0	720	3578.82	4841	9839	725
	Jan 2020	361	406	6	860	0	860	3573.74	4807	9413	871
	Feb 2020	393	429	7	750	0	750	3570.03	4782	9110	754
	Mar 2020	665	600	11	800	0	800	3567.59	4767	8914	805
	Apr 2020	1056	958	18	710	0	710	3570.25	4784	9127	718
	May 2020	2343	2215	23	710	0	710	3586.42	4894	10500	716

* 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

RECLAMATION
Managing Water in the West

June 2018 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
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 2017	749	17	53	864	14.5	29	864	648	1079.52	9971
H	Jul 2017	850	89	66	885	14.4	31	885	646	1079.03	9931
I	Aug 2017	900	94	70	683	11.1	28	683	658	1081.44	10131
S	Sep 2017	663	70	58	600	10.1	21	591	662	1082.05	10182
	WY 2017	**9000**	**995**	**541**	**8620**		**236**	**8591**			
T	Oct 2017	640	44	43	596	9.7	23	595	663	1082.30	10202
O	Nov 2017	630	40	42	731	12.3	16	731	656	1080.95	10090
R	Dec 2017	740	43	37	594	9.7	12	593	664	1082.52	10221
I	Jan 2018	860	78	30	449	7.3	10	448	692	1087.50	10642
C	Feb 2018	730	60	28	687	12.4	10	693	696	1088.21	10703
A	Mar 2018	800	70	32	833	13.5	14	832	695	1088.11	10694
L	Apr 2018	705	43	39	1015	17.1	21	1015	675	1084.49	10387
*	May 2018	705	23	44	1055	17.1	29	1054	651	1080.00	10011
	Jun 2018	760	12	53	963	16.2	33	963	634	1076.84	9751
	Jul 2018	860	81	65	862	14.0	36	862	632	1076.59	9730
	Aug 2018	900	112	70	726	11.8	34	726	644	1078.67	9901
	Sep 2018	671	105	58	799	13.4	27	799	637	1077.44	9800
	WY 2018	**9000**	**711**	**541**	**9310**		**266**	**9311**			
	Oct 2018	640	69	42	603	9.8	28	603	639	1077.86	9834
	Nov 2018	640	61	42	727	12.2	21	727	634	1076.83	9750
	Dec 2018	720	50	36	645	10.5	14	645	638	1077.68	9820
	Jan 2019	860	78	30	619	10.1	12	619	655	1080.83	10080
	Feb 2019	750	93	27	685	12.3	14	685	662	1082.15	10190
	Mar 2019	800	56	31	1055	17.2	21	1055	647	1079.31	9954
	Apr 2019	710	48	38	1059	17.8	23	1059	625	1075.17	9615
	May 2019	710	31	43	967	15.7	27	967	607	1071.72	9337
	Jun 2019	750	12	51	907	15.2	33	907	593	1069.01	9121
	Jul 2019	850	81	63	826	13.4	36	826	593	1069.09	9127
	Aug 2019	900	112	68	740	12.0	34	740	604	1071.10	9287
	Sep 2019	670	105	56	734	12.3	27	734	601	1070.61	9248
	WY 2019	**9000**	**796**	**526**	**9567**		**291**	**9567**			
	Oct 2019	640	69	41	510	8.3	28	510	609	1072.14	9370
	Nov 2019	640	61	41	670	11.3	21	670	607	1071.78	9341
	Dec 2019	720	50	35	594	9.7	14	594	615	1073.26	9460
	Jan 2020	860	78	29	607	9.9	14	607	632	1076.59	9731
	Feb 2020	750	93	27	663	11.5	17	663	641	1078.15	9858
	Mar 2020	800	56	30	988	16.1	22	988	630	1076.05	9686
	Apr 2020	710	48	37	997	16.8	25	997	611	1072.54	9403
	May 2020	710	31	42	917	14.9	31	917	596	1069.62	9169

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

Model Run ID: 3063

Processed On: 6/12/2018 1:04:57PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2018 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jun 2017	864	-6	25	853	0	853	14.3	643.01	1699
H	Jul 2017	885	-5	26	809	0	809	13.2	644.65	1744
I	Aug 2017	683	-8	23	707	0	707	11.5	642.64	1689
S	Sep 2017	600	-11	18	656	0	656	11.0	639.47	1603
	WY 2017	**8620**	**-183**	**199**	**8261**	**0**	**8261**			
T	Oct 2017	596	-2	15	671	0	671	10.9	636.00	1512
O	Nov 2017	731	-18	11	595	0	595	10.0	640.07	1619
R	Dec 2017	594	-16	9	552	0	552	9.0	640.68	1636
I	Jan 2018	449	2	10	437	0	437	7.1		1641
C	Feb 2018	687	-4	10	611	0	611	11.0	643.18	1704
A	Mar 2018	833	-1	13	836	0	836	13.6	642.57	1687
L	Apr 2018	1015	-3	17	1001	0	1001	16.8	642.40	1682
*	May 2018	1055	-11	22	1001	0	1001	16.3	643.17	1703
	Jun 2018	963	-15	25	927	0	927	15.6	643.00	1699
	Jul 2018	862	-15	25	835	0	835	13.6	642.50	1685
	Aug 2018	726	-12	23	705	0	705	11.5	642.00	1671
	Sep 2018	799	-12	18	822	0	822	13.8	640.01	1617
	WY 2018	**9310**	**-107**	**198**	**8990**	**0**	**8990**			
	Oct 2018	603	-4	15	767	0	767	12.5	633.00	1434
	Nov 2018	727	-12	10	653	0	653	11.0	635.00	1486
	Dec 2018	645	-12	9	527	0	527	8.6	638.71	1583
	Jan 2019	619	-19	10	507	0	507	8.2	641.80	1666
	Feb 2019	685	-15	10	660	0	660	11.9	641.80	1666
	Mar 2019	1055	-17	13	990	0	990	16.1	643.05	1700
	Apr 2019	1059	-20	17	1024	0	1024	17.2	643.00	1699
	May 2019	967	-12	22	933	0	933	15.2	643.00	1699
	Jun 2019	907	-15	25	867	0	867	14.6	643.00	1699
	Jul 2019	826	-15	25	812	0	812	13.2	642.00	1671
	Aug 2019	740	-12	23	706	0	706	11.5	642.00	1671
	Sep 2019	734	-12	18	757	0	757	12.7	640.01	1618
	WY 2019	**9567**	**-166**	**197**	**9202**	**0**	**9202**			
	Oct 2019	510	-4	15	675	0	675	11.0	633.00	1434
	Nov 2019	670	-12	10	595	0	595	10.0	635.00	1486
	Dec 2019	594	-12	9	476	0	476	7.7	638.71	1583
	Jan 2020	607	-19	10	495	0	495	8.1	641.80	1666
	Feb 2020	663	-15	10	638	0	638	11.1	641.80	1666
	Mar 2020	988	-17	13	923	0	923	15.0	643.05	1700
	Apr 2020	997	-20	17	962	0	962	16.2	643.00	1699
	May 2020	917	-12	22	882	0	882	14.3	643.00	1699

* 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

RECLAMATION
Managing Water in the West

June 2018 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
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 2017	853	0	15	689	11.6	57	79	448.41	588	126	2.1
H	Jul 2017	809	18	17	666	10.8	58	71	448.63	592	131	2.1
I	Aug 2017	707	12	17	570	9.3	58	70	448.28	585	102	1.7
S	Sep 2017	656	16	15	481	8.1	56	134	447.17	564	104	1.7
	WY 2017	**8261**	**220**	**140**	**6204**		**664**	**1406**			**1513**	
T	Oct 2017	671	9	12	478	7.8	69	131	446.27	548	65	1.1
O	Nov 2017	595	12	9	349	5.9	89	127	447.86	577	99	1.7
R	Dec 2017	552	17	7	335	5.5	100	144	446.80	557	109	1.8
I	Jan 2018	437	3	6	329	5.3	29	90	445.81	539	125	2.0
C	Feb 2018	611	3	8	429	7.7	12	109	448.52	590	145	2.6
A	Mar 2018	836	-3	9	637	10.4	61	139	447.46	570	195	3.2
L	Apr 2018	1001	-8	11	735	12.4	75	168	447.13	564	175	2.9
*	May 2018	1001	10	13	697	11.3	87	178	448.51	590	124	2.0
	Jun 2018	927	13	16	740	12.4	82	85	448.70	593	136	2.3
	Jul 2018	835	21	17	680	11.1	85	74	448.00	580	132	2.2
	Aug 2018	705	23	17	590	9.6	85	33	447.50	571	93	1.5
	Sep 2018	822	17	15	533	9.0	96	185	447.50	570	96	1.6
	WY 2018	**8990**	**116**	**139**	**6532**		**871**	**1463**			**1495**	
	Oct 2018	767	23	12	487	7.9	99	185	447.50	571	65	1.1
	Nov 2018	653	16	9	391	6.6	78	185	447.50	571	99	1.7
	Dec 2018	527	18	7	287	4.7	81	185	446.50	552	109	1.8
	Jan 2019	507	21	6	318	5.2	78	121	446.50	552	138	2.2
	Feb 2019	660	11	8	485	8.7	51	121	446.50	552	160	2.9
	Mar 2019	990	7	9	718	11.7	69	189	446.70	555	198	3.2
	Apr 2019	1024	16	11	710	11.9	88	184	448.70	593	175	2.9
	May 2019	933	15	13	642	10.4	90	189	448.70	593	104	1.7
	Jun 2019	867	13	16	683	11.5	88	79	448.70	593	105	1.8
	Jul 2019	812	21	17	647	10.5	90	79	448.00	580	111	1.8
	Aug 2019	706	23	17	589	9.6	90	29	447.50	571	100	1.6
	Sep 2019	757	17	15	509	8.6	88	152	447.50	570	89	1.5
	WY 2019	**9202**	**200**	**139**	**6467**		**992**	**1699**			**1453**	
	Oct 2019	675	23	12	490	8.0	48	141	447.50	571	74	1.2
	Nov 2019	595	16	9	408	6.9	48	141	447.50	571	116	1.9
	Dec 2019	476	18	7	313	5.1	48	141	446.50	552	131	2.1
	Jan 2020	495	21	6	313	5.1	86	106	446.50	552	134	2.2
	Feb 2020	638	11	8	479	8.3	57	100	446.50	552	155	2.7
	Mar 2020	923	7	9	708	11.5	76	125	446.70	555	191	3.1
	Apr 2020	962	16	11	699	11.7	97	125	448.70	593	168	2.8
	May 2020	882	15	13	635	10.3	99	137	448.70	593	100	1.6

* 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

RECLAMATION
Managing Water in the West

June 2018 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	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 2017	864	14.5	1079.52	9971	-169	433.52	1500.0	335.0	94	387.5
H	Jul 2017	885	14.4	1079.03	9931	-40	432.24	1499.0	341.1	94	385.5
I	Aug 2017	683	11.1	1081.44	10131	200	436.25	1478.1	261.0	93	382.0
S	Sep 2017	600	10.1	1082.05	10182	51	440.10	976.1	230.7	66	384.8
	WY 2017	**8620**							**3347.1**		
T	Oct 2017	596	9.7	1082.30	10202	21	441.43	976.1	229.0	66	384.2
O	Nov 2017	731	12.3	1080.95	10090	-113	435.01	996.0	287.9	63	393.6
R	Dec 2017	594	9.7	1082.52	10221	131	439.05	821.0	235.7	52	396.6
I	Jan 2018	449	7.3	1087.50	10642	421	442.14	834.0	176.5	51	392.9
C	Feb 2018	687	12.4	1088.21	10703	61	441.97	1220.1	275.0	75	400.3
A	Mar 2018	833	13.5	1088.11	10694	-9	442.23	1005.9	333.9	62	400.8
L	Apr 2018	1015	17.1	1084.49	10387	-308	437.15	880.9	406.2	55	400.0
*	May 2018	1055	17.1	1080.00	10011	-376	432.39	1385.9	412.1	88	390.8
	Jun 2018	963	16.2	1076.84	9751	-260	424.90	1552.0	365.6	100	379.6
	Jul 2018	862	14.0	1076.59	9730	-21	423.43	1552.0	333.6	100	387.1
	Aug 2018	726	11.8	1078.67	9901	171	424.66	1562.0	277.0	100	381.4
	Sep 2018	799	13.4	1077.44	9800	-101	425.89	1562.0	309.6	100	387.8
	WY 2018	**9310**							**3642.1**		
	Oct 2018	603	9.8	1077.86	9834	34	431.26	1052.9	234.6	67	389.2
	Nov 2018	727	12.2	1076.83	9750	-84	434.66	842.0	292.0	54	401.5
	Dec 2018	645	10.5	1077.68	9820	70	430.60	1153.1	252.0	74	390.6
	Jan 2019	619	10.1	1080.83	10080	260	431.55	990.0	242.3	63	391.7
	Feb 2019	685	12.3	1082.15	10190	109	432.77	999.0	271.9	63	397.1
	Mar 2019	1055	17.2	1079.31	9954	-235	431.53	1000.0	422.9	63	400.9
	Apr 2019	1059	17.8	1075.17	9615	-340	425.74	1265.0	412.9	82	389.9
	May 2019	967	15.7	1071.72	9337	-278	421.98	1247.0	373.4	82	386.1
	Jun 2019	907	15.2	1069.01	9121	-216	416.98	1499.0	341.8	100	376.7
	Jul 2019	826	13.4	1069.09	9127	6	416.00	1512.0	312.7	100	378.8
	Aug 2019	740	12.0	1071.10	9287	160	417.36	1528.0	278.2	100	375.8
	Sep 2019	734	12.3	1070.61	9248	-39	418.76	1512.0	277.4	100	378.1
	WY 2019	**9567**							**3712.1**		
	Oct 2019	510	8.3	1072.14	9370	122	422.85	1341.0	196.0	88	384.0
	Nov 2019	670	11.3	1071.78	9341	-29	429.30	824.7	262.9	54	392.7
	Dec 2019	594	9.7	1073.26	9460	119	425.90	1128.3	227.4	74	382.9
	Jan 2020	607	9.9	1076.59	9731	270	427.25	972.0	235.1	63	387.2
	Feb 2020	663	11.5	1078.15	9858	128	428.67	977.1	258.8	63	390.4
	Mar 2020	988	16.1	1076.05	9686	-172	427.92	979.8	388.7	63	393.6
	Apr 2020	997	16.8	1072.54	9403	-283	422.81	1242.6	383.0	82	384.0
	May 2020	917	14.9	1069.62	9169	-233	419.63	1230.6	349.7	82	381.4

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2018 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
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
*	Jun 2017	853	14.3	643.01	1699	-20	141.59	255.0	107.4	100	126.0
H	Jul 2017	809	13.2	644.65	1744	45	143.65	255.0	101.5	100	125.5
I	Aug 2017	707	11.5	642.64	1689	-55	143.10	255.0	89.9	100	127.1
S	Sep 2017	656	11.0	639.47	1603	-86	138.07	253.3	83.2	99	126.8
	WY 2017	**8261**							**1061.4**		
T	Oct 2017	671	10.9	636.00	1512	-91	134.26	179.3	81.3	70	121.3
O	Nov 2017	595	10.0	640.07	1619	107	138.81	151.3	73.1	59	122.7
R	Dec 2017	552	9.0	640.68	1636	17	139.44	131.6	69.5	52	126.0
I	Jan 2018	437	7.1		1641	5	141.78	159.6	55.0	63	125.9
C	Feb 2018	611	11.0	643.18	1704	63	142.18	162.1	76.6	64	125.4
A	Mar 2018	836	13.6	642.57	1687	-17	139.99	189.2	105.4	74	126.1
L	Apr 2018	1001	16.8	642.40	1682	-5	141.14	207.4	125.1	81	125.0
*	May 2018	1001	16.3	643.17	1703	21	141.89	204.0	126.2	80	126.1
	Jun 2018	927	15.6	643.00	1699	-5	136.13	255.0	116.1	100	125.2
	Jul 2018	835	13.6	642.50	1685	-14	135.78	255.0	104.7	100	125.5
	Aug 2018	705	11.5	642.00	1671	-14	135.25	255.0	88.7	100	125.8
	Sep 2018	822	13.8	640.01	1617	-54	133.94	255.0	101.8	100	123.9
	WY 2018	**8990**							**1123.4**		
	Oct 2018	767	12.5	633.00	1434	-183	130.59	207.3	92.3	81	120.3
	Nov 2018	653	11.0	635.00	1486	51	129.19	170.0	77.4	67	118.5
	Dec 2018	527	8.6	638.71	1583	97	132.25	167.8	64.3	66	122.0
	Jan 2019	507	8.2	641.80	1666	83	134.43	210.6	63.4	83	125.2
	Feb 2019	660	11.9	641.80	1666	0	136.73	187.6	82.6	74	125.2
	Mar 2019	990	16.1	643.05	1700	34	137.26	190.8	123.2	75	124.4
	Apr 2019	1024	17.2	643.00	1699	-1	136.07	255.0	127.6	100	124.6
	May 2019	933	15.2	643.00	1699	0	136.04	255.0	116.8	100	125.2
	Jun 2019	867	14.6	643.00	1699	0	136.04	255.0	108.7	100	125.4
	Jul 2019	812	13.2	642.00	1671	-27	135.51	255.0	101.9	100	125.4
	Aug 2019	706	11.5	642.00	1671	0	134.99	255.0	88.6	100	125.5
	Sep 2019	757	12.7	640.01	1618	-54	133.94	255.0	94.0	100	124.2
	WY 2019	**9202**							**1140.8**		
	Oct 2019	675	11.0	633.00	1434	-183	130.59	207.3	81.5	81	120.8
	Nov 2019	595	10.0	635.00	1486	51	129.19	170.0	70.8	67	118.9
	Dec 2019	476	7.7	638.71	1583	97	132.25	167.8	58.2	66	122.3
	Jan 2020	495	8.1	641.80	1666	83	133.85	230.3	62.1	90	125.3
	Feb 2020	638	11.1	641.80	1666	0	136.73	187.6	80.1	74	125.5
	Mar 2020	923	15.0	643.05	1700	34	137.26	190.8	115.1	75	124.8
	Apr 2020	962	16.2	643.00	1699	-1	136.07	255.0	120.2	100	124.9
	May 2020	882	14.3	643.00	1699	0	136.04	255.0	110.7	100	125.5

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2018 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
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
*	Jun 2017	689	11.6	448.41	588	2	80.56	120.0	48.1	100	69.9
H	Jul 2017	666	10.8	448.63	592	4	82.74	120.0	46.5	100	69.9
I	Aug 2017	570	9.3	448.28	585	-7	82.37	120.0	39.9	100	70.0
S	Sep 2017	481	8.1	447.17	564	-21	81.08	120.0	33.8	100	70.2
	WY 2017	**6204**							**434.1**		
T	Oct 2017	478	7.8	446.27	548	-17	80.03	92.9	33.6	77	70.4
O	Nov 2017	349	5.9	447.86	577	30	81.65	90.0	24.1	75	69.2
R	Dec 2017	335	5.5	446.80	557	-20	81.55	92.9	22.5	77	67.0
I	Jan 2018	329	5.3	445.81	539	-18	80.05	117.1	22.8	98	69.2
C	Feb 2018	429	7.7	448.52	590	50	81.30	92.1	30.3	77	70.6
A	Mar 2018	638	10.4	447.46	570	-20	81.79	102.6	44.9	85	70.4
L	Apr 2018	735	12.4	447.13	564	-6	81.11	120.0	50.8	100	69.1
*	May 2018	697	11.3	448.51	590	26	82.36	120.0	48.5	100	69.6
	Jun 2018	740	12.4	448.70	593	4	75.96	120.0	49.3	100	66.6
	Jul 2018	680	11.1	448.00	580	-13	75.71	120.0	45.0	100	66.2
	Aug 2018	590	9.6	447.50	571	-9	75.13	120.0	38.6	100	65.4
	Sep 2018	533	9.0	447.50	570	0	74.89	120.0	34.7	100	65.1
	WY 2018	**6532**							**445.0**		
	Oct 2018	487	7.9	447.50	571	0	76.19	91.9	32.1	77	66.0
	Nov 2018	391	6.6	447.50	571	0	75.83	99.0	25.4	83	65.0
	Dec 2018	287	4.7	446.50	552	-19	74.40	120.0	18.0	100	62.6
	Jan 2019	318	5.2	446.50	552	0	75.02	95.8	20.2	80	63.6
	Feb 2019	485	8.7	446.50	552	0	75.21	92.1	31.8	77	65.5
	Mar 2019	718	11.7	446.70	555	4	74.34	112.3	46.9	94	65.3
	Apr 2019	710	11.9	448.70	593	38	75.08	120.0	46.7	100	65.8
	May 2019	642	10.4	448.70	593	0	76.05	120.0	42.6	100	66.3
	Jun 2019	683	11.5	448.70	593	0	76.05	120.0	45.4	100	66.5
	Jul 2019	647	10.5	448.00	580	-13	75.71	120.0	42.7	100	66.1
	Aug 2019	589	9.6	447.50	571	-9	75.13	120.0	38.5	100	65.4
	Sep 2019	509	8.6	447.50	570	0	74.89	120.0	33.1	100	65.0
	WY 2019	**6467**							**423.5**		
	Oct 2019	490	8.0	447.50	571	0	76.29	90.0	32.4	75	66.1
	Nov 2019	408	6.9	447.50	571	0	76.14	93.0	26.7	78	65.5
	Dec 2019	313	5.1	446.50	552	-19	74.40	120.0	19.7	100	63.0
	Jan 2020	313	5.1	446.50	552	0	75.02	95.8	19.9	80	63.6
	Feb 2020	479	8.3	446.50	552	0	75.21	92.1	31.3	77	65.4
	Mar 2020	708	11.5	446.70	555	4	74.34	112.3	46.2	94	65.3
	Apr 2020	699	11.7	448.70	593	38	75.08	120.0	46.0	100	65.8
	May 2020	635	10.3	448.70	593	0	76.05	120.0	42.1	100	66.3

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2018 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 2017	346	102	40	66	8	6
H	Jul 2017	399	71	35	13	18	8
I	Aug 2017	421	56	34	0	22	9
S	Sep 2017	306	56	35	33	22	6
	Summer 2017	**2033**	**492**	**202**	**207**	**93**	**33**
T	Oct 2017	294	42	30	37	21	7
O	Nov 2017	288	55	12	14	8	7
R	Dec 2017	339	68	27	33	19	6
I	Jan 2018	394	68	17	21	12	6
C	Feb 2018	335	60	9	12	3	5
A	Mar 2018	364	41	12	16	9	1
	Winter 2018	**2013**	**334**	**107**	**133**	**71**	**31**
L	Apr 2018	318	39	23	27	16	5
*	May 2018	318	63	23	33	20	7
	Jun 2018	308	47	26	34	17	9
	Jul 2018	346	41	28	36	18	10
	Aug 2018	358	41	22	29	14	9
	Sep 2018	264	40	20	27	13	6
	Summer 2018	**1913**	**270**	**141**	**186**	**98**	**46**
	Oct 2018	251	41	12	16	8	6
	Nov 2018	250	39	5	7	4	6
	Dec 2018	279	41	5	7	4	6
	Jan 2019	330	41	5	7	4	5
	Feb 2019	285	37	5	6	3	4
	Mar 2019	301	59	6	9	5	5
	Winter 2019	**1695**	**258**	**37**	**53**	**27**	**31**
	Apr 2019	266	58	13	20	10	5
	May 2019	268	74	45	67	23	6
	Jun 2019	290	51	12	22	15	9
	Jul 2019	332	36	21	28	14	10
	Aug 2019	349	36	22	28	14	9
	Sep 2019	258	35	20	25	13	6
	Summer 2019	**1763**	**290**	**134**	**190**	**90**	**44**
	Oct 2019	245	36	12	16	9	6
	Nov 2019	244	35	3	5	3	6
	Dec 2019	272	36	3	5	3	6
	Jan 2020	323	36	3	5	3	5
	Feb 2020	279	33	3	5	3	4
	Mar 2020	295	18	5	8	5	5
	Winter 2020	**1363**	**175**	**25**	**36**	**21**	**27**
	Apr 2020	262	17	12	19	11	5
	May 2020	268	47	50	69	23	7

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2018 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	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Jun 2018	539	317	473	11436	12764	17366	30130	340	-80	-48	212	11436	17366	29014	1500	963	0	30.6
Jul 2018	261	334	552	11487	12634	17626	30260	41	-66	-23	-48	11487	17626	29066	1500	862	0	29.9
								****CREDITABLE SPACE****										
Aug 2018	239	391	634	11991	13255	17647	30902	239	391	634	1264	11991	17647	30902	1500	726	0	29.4
Sep 2018	289	432	685	12521	13928	17476	31404	289	432	685	1407	12521	17476	31404	2270	799	0	28.7
Oct 2018	352	474	706	12854	14386	17577	31963	352	474	706	1532	12854	17577	31963	3040	603	0	28.3
Nov 2018	406	496	716	13067	14685	17543	32228	406	496	716	1618	13067	17543	32228	3810	727	0	28.0
Dec 2018	456	494	720	13294	14964	17627	32591	456	494	720	1670	13294	17627	32591	4580	645	0	27.7
Jan 2019	527	494	728	13634	15383	17557	32940	527	494	728	1749	13634	17557	32940	5350	619	0	27.5
								****EFFECTIVE SPACE****										
Jan 2019	527	494	728	13634	15383	17557	32940	62	227	423	712	13634	17557	31903	5350	619	0	27.5
Feb 2019	593	499	736	14106	15935	17297	33232	128	231	431	790	14106	17297	32193	1500	685	0	27.2
Mar 2019	650	502	738	14493	16383	17187	33570	183	235	432	849	14493	17187	32530	1500	1055	0	26.6
Apr 2019	719	499	714	14785	16717	17423	34140	250	232	401	883	14785	17423	33091	1500	1059	0	26.3
May 2019	750	489	664	14834	16738	17762	34500	278	227	329	833	14834	17762	33429	1500	967	0	26.9
Jun 2019	766	493	524	14060	15843	18040	33883	287	222	150	659	14060	18040	32759	1500	907	0	28.2
Jul 2019	595	304	450	13037	14387	18256	32642	102	17	21	139	13037	18256	31432	1500	826	0	28.1
								****CREDITABLE SPACE****										
Aug 2019	511	280	490	13189	14470	18250	32720	511	280	490	1281	13189	18250	32720	1500	740	0	27.7
Sep 2019	549	297	525	13627	14997	18090	33087	549	297	525	1370	13627	18090	33087	2270	734	0	27.2
Oct 2019	605	323	544	13867	15339	18129	33468	605	323	544	1472	13867	18129	33468	3040	510	0	26.9
Nov 2019	655	329	561	14001	15546	18007	33553	655	329	561	1545	14001	18007	33553	3810	670	0	26.8
Dec 2019	704	311	571	14178	15764	18036	33799	704	311	571	1586	14178	18036	33799	4580	594	0	26.6
Jan 2020	769	296	576	14483	16125	17917	34041	769	296	576	1642	14483	17917	34041	5350	607	0	26.5
								****EFFECTIVE SPACE****										
Jan 2020	769	296	576	14483	16125	17917	34041	458	295	-36	716	14483	17917	33116	5350	607	0	26.5
Feb 2020	828	283	580	14909	16601	17646	34247	516	282	-32	765	14909	17646	33321	1500	663	0	26.3
Mar 2020	878	270	584	15212	16945	17519	34463	563	270	-29	804	15212	17519	33535	1500	988	0	26.0
Apr 2020	831	249	598	15408	17086	17691	34777	511	249	-23	736	15408	17691	33836	1500	997	0	26.0
May 2020	754	215	646	15195	16809	17974	34783	425	215	1	641	15195	17974	33810	1500	917	0	27.3

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