Aug 24-Month Study
Date: August 13, 2018

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

Current Reservoir Status

Reservoir	July Inflow (unregulated) (acre-feet)	Percent of Average (%)	Aug 13, Midnight Elevation (feet)	Aug 13, Midnight Reservoir Storage (acre-feet)
Fontenelle	138,000	78	6,502.63	318,000
Flaming Gorge	140,000	66	6,033.67	3,493,000
Blue Mesa	21,000	19	7,460.40	374,000
Navajo	-9,000	-	6,033.38	1,043,000
Powell	123,000	11	3,600.90	11,836,000

Expected Operations

The operation of Lake Powell and Lake Mead in this August 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 operational tier for 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 August 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 August 2018 24-Month Study projects the January 1, 2019 Lake Powell elevation to be below the 2019 Equalization Elevation of 3,655 feet and above elevation 3,575 feet. Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2019 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2019. Consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is currently projected to occur and Lake Powell is projected to release 9.0 maf in water year 2019.

The August 2018 24-Month Study projects the January 1, 2019 Lake Mead elevation to be above 1,075 feet. Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2019.

The 2019 operational tier determinations will be documented in the 2019 AOP, which is currently in development.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 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 6503.73 feet, which amounts to 94 percent of live storage capacity. Inflows for the month of July totaled 138,000 acre-feet (af), or 78 percent of average. Average inflows are occurring and releases are being adjusted to maintain capacity in the reservoir. As of August 1, 2018, releases are 1,300 cubic feet per second (cfs).

The Colorado Basin River Forecast Center has forecasted inflows that are at or near average. August, September, and October forecasted inflow volumes amount to 70,000 af (91 percent of average), 50,000 af (109 percent of average), and 53,000 af (109 percent of average), respectively.

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 at 2 Telephone Canyon Road in Green River, WY. 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 August 1, 2018 releases are 2,000 cfs with fluctuations for hydropower. Average daily releases will likely remain at 2,000 cfs through the coming months.

Unregulated inflow into Flaming Gorge Reservoir during the month of July was 102,000 af, or 48 percent of average. As of August 1, 2018, the reservoir elevation is 6,034.40 feet (94 percent of live capacity) and decreasing.

The August final forecast for inflows for the next three months projects at or below average conditions: August, September, and October forecasted inflow volumes at 72,000 af (81 percent of average), 52,000 af (94 percent of average), and 58,000 af (98 percent of average), respectively.

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 or Jed Parker at 801-524-3816.

Reclamation will be holding the Flaming Gorge Working Group meeting on Monday, August 27, 2018 at 10:00 a.m. at the Uintah Conference Center, 313 E 200 S, Vernal, Utah.

Aspinall Unit Reservoirs – As of August 13, 2018 releases from Crystal Dam are approximately 1,600 cfs. Uncompahgre Valley Water Users Association is diverting approximately 1,060 cfs through the Gunnison Tunnel and flows through the Black Canyon are approximately 590 cfs. There is about a 40 cfs gain to the Gunnison River between Crystal Dam and the Gunnison Tunnel Diversion. As of August 13, 2018, Blue Mesa Reservoir elevation is 7460.40 feet which corresponds to storage content of 373,714 af (45 percent of capacity).

The July unregulated inflow to Blue Mesa Reservoir was 21,352 af (19 percent of average). Unregulated Inflows to Blue Mesa for the next three months (August, September, October) are projected to be: 21,000 af (33 percent of average), 22,000 af (58 percent of average) and 22,000 af (63 percent of average), respectively. For water year 2018, the unregulated inflow volume is forecasted to be 445,000 af (47 percent of average) with 238,000 af (35 percent of average) of unregulated inflow during the April through July period. The August 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 7443.8 feet and 279,000 af (34 percent of capacity), 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 16th, 2018 at 1:00 pm at the at the Elk Creek Visitor Center at Blue Mesa Reservoir.

Navajo Reservoir – As of August 14, 2018 releases from Navajo Dam are 850 cfs and observed inflow is 135 cfs. The Navajo Indian Irrigation Project (NIIP) is diverting 537 cfs. The reservoir elevation is 6033.4 feet which corresponds to a live storage of 1.043 maf (61 percent of live storage capacity). This elevation also corresponds to an active storage of 0.381 maf (37 percent of active storage capacity). The river flow measured at the San Juan River at Four Corners USGS gage is 603 cfs. River flow at the Animas River at Farmington USGS gage is at 7 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 (inflow adjusted for upstream change in storage, reservoir evaporation and exportation from the basin) in June was -8,731 af. For the month of June, this value falls within the bottom 5 percent of all historical modified-unregulated inflows to Navajo Reservoir. In dry years during irrigation season, the modified-unregulated inflow to Navajo Reservoir may be calculated as negative values when observed inflow values to Navajo Reservoir are small and concurrent change in storage values at Vallecito Reservoir are large as is the case that has occurred this summer. The modified-unregulated inflow during the April through July period was 154,852 af, which was 21 percent of average.

Forecast modified-unregulated inflow to Navajo over the next three months (August, September, and October) are projected to be: 3,000 af (5 percent of average), 10,000 af (23 percent of average), and 15,000 af (32 percent of average), respectively.

Releases for the remainder of the summer will be made to maintain the minimum target baseflow in the critical habitat reach and will likely range between 700 and 1,100 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). 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, bug flows, trout management flows, and low summer flows. Collaborative discussions among technical experts resulted in a decision to begin this first experiment on May 1 and continue through August 31, 2018. 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 four 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.

The April to July 2018 unregulated inflow to Lake Powell was 2.6 maf (36 percent of average). The unregulated inflow in July was 123 thousand acre-feet (kaf) (11 percent of average). The release volume from Glen Canyon Dam in July was 860 kaf. The end of July elevation and storage of Lake Powell were 3,603.8 feet (96 feet from full pool) and 12.12 maf (49 percent of full capacity), respectively.

Current Operations
The operating tier for water year 2018 was established in August 2017 as the Upper Elevation Balancing Tier. The April 2018 24-Month Study established that Lake Powell

operations would be governed by balancing for the remainder of water year 2018. As described in the Interim Guidelines, under balancing, the contents 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 is to be released from Lake Powell. Based on the most probable inflow forecast, the August 24-Month Study projects a balancing release of 9.0 maf for water year 2018. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2018.

The operating tier for water year 2019, established by the August 2018 24-Month Study, is the Upper Elevation Balancing Tier. Under this Tier the initial annual water year release volume is 8.23 maf but there is potential for an April 2019 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing releases is projected and Lake Powell is currently projected to release 9.0 maf in water year 2019. This projection will be updated each month throughout the water year.

In August, the release volume will be approximately 900 kaf, with fluctuations anticipated between about 10,180 cfs in the nighttime to about 18,180 cfs in the daytime and consistent with the Glen Canyon Dam, Record of Decision (dated December, 2016). The anticipated release volume for September is 670 kaf with daily fluctuations between approximately 7,600 cfs and 13,645 cfs. The expected release for October is 625 kaf.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under 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 power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant and 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 27 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 2019 unregulated inflow to Lake Powell, issued on August 1, 2018, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume next year will be 8.1 maf (75 percent of average).

There is significant uncertainty regarding next season's snow pack development and resulting runoff into Lake Powell. The forecast ranges from a minimum probable of 4.8 maf (44 percent of average) to a maximum probable of 15.6 maf (144 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 August 24-Month Study projects Lake Powell elevation will end water year 2018 near 3,595 feet with approximately 11.29 maf in storage (49 percent of capacity) and water year 2019 near 3,581 feet with approximately 10.07 maf in storage (43 percent of capacity). Note that projections of elevation and storage for water year 2019 have significant uncertainty at this point in the season. Projections of end of water year 2019 elevation and storage using the minimum and maximum probable inflow forecast are 3,562 feet (8.494 maf, 35 percent of capacity) and 3,641 feet (16.13 maf, 66 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 2019 is projected to be 9.0 maf under the most probable and maximum probable inflow scenarios and 8.23 maf under the minimum probable inflow scenario.

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
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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			jul	Forecast			Observed	
:	apr	may	jun	jul %Avg	aug	sep	oct	apr-jul	%Avg
GLDA3:Lake Powell	382	1214	883	123 11%:	165/	210/	350/	2602/:	36%
GBRW4:Fontenelle	101	354	404	138 78%:	70/	50/	53/	997/:	138%
GRNU1:Flaming Gorge	121	422	435	140 66%:	72/	52/	58/	1118/:	114%
BMDC2:Blue Mesa	48	112	56	22 19%:	21/	22/	22/	238/:	35%
MPSC2:Morrow Point	54	121	57	22 18%:	21/	22/	22/	254/:	34%
CLSC2:Crystal	60	129	61	24 17%:	22/	23/	23/	274/:	33%
TPIC2:Taylor Park	8.5	24	13.2	5.0 25%:	3.5/	3.5/	4/	51/:	52%
VCRC2:Vallecito	14.9	29	13.8	7.6 26%:	6/	7/	6/	65/:	34%
NVRN5:Navajo	70	88	5.9	-8.76 -99%:	3/	10/	15/	155/:	21%
LEMC2:Lemon	3.1	7.5	2.3	1.13 17%:	1/	1/	1/	14/:	25%
MPHC2:McPhee	13.0	22	4.7	7.1 32%:	3.5/	4/	4/	47/:	16%
RBSC2:Ridgway	5.3	13.0	9.4	3.5 14%:	4/	4/	4/	31/:	31%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 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)
*	Aug 2017	102	2	95	61	156	6496.34	271
H	Sep 2017	66	2	69	4	72	6495.21	263
	WY 2017	**2319**	**15**	**379**	**1890**	**2270**		
I	Oct 2017	73	1	80	0	80	6494.03	255
S	Nov 2017	62	1	78	0	78	6491.65	238
T	Dec 2017	46	1	72	8	80	6486.39	204
O	Jan 2018	42	1	79	1	80	6479.83	165
R	Feb 2018	38	0	72	0	72	6472.86	131
I	Mar 2018	58	0	16	56	71	6469.78	117
C	Apr 2018	101	1	83	4	87	6472.76	130
A	May 2018	354	2	100	123	223	6494.84	260
L	Jun 2018	404	2	101	269	370	6499.18	292
*	Jul 2018	138	3	92	8	100	6503.79	327
	Aug 2018	70	2	77	0	77	6502.65	319
	Sep 2018	50	2	68	0	68	6500.01	299
	WY 2018	**1436**	**15**	**918**	**469**	**1386**		
	Oct 2018	53	1	71	0	71	6497.45	280
	Nov 2018	47	1	68	0	68	6494.36	258
	Dec 2018	40	1	71	0	71	6489.66	226
	Jan 2019	35	1	71	0	71	6484.05	190
	Feb 2019	32	1	64	0	64	6478.26	158
	Mar 2019	50	0	77	0	77	6472.57	130
	Apr 2019	80	1	84	0	84	6471.60	126
	May 2019	150	1	99	4	103	6480.97	172
	Jun 2019	270	2	102	47	149	6498.93	291
	Jul 2019	175	3	101	23	125	6505.13	339
	Aug 2019	66	2	69	0	69	6504.44	333
	Sep 2019	42	2	67	0	67	6500.98	306
	WY 2019	**1040**	**15**	**944**	**74**	**1017**		
	Oct 2019	46	1	69	0	69	6497.71	282
	Nov 2019	41	1	67	0	67	6493.98	255
	Dec 2019	32	1	69	0	69	6488.32	217
	Jan 2020	30	1	69	0	69	6481.96	178
	Feb 2020	28	1	65	0	65	6474.71	140
	Mar 2020	53	0	74	0	74	6469.88	119
	Apr 2020	85	1	71	0	71	6472.94	132
	May 2020	164	1	92	0	92	6486.01	202
	Jun 2020	299	2	105	65	170	6503.91	329
	Jul 2020	178	3	100	72	172	6504.31	332

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

Model Run ID: 3065

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 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)
*	Aug 2017	120	174	13	143	0	143	143	6035.05	3548	173
H	Sep 2017	87	93	11	141	0	141	140	6033.63	3491	161
	WY 2017	**3153**	**3104**	**81**	**2016**	**712**	**2728**				**4225**
I	Oct 2017	88	95	8	107	0	107	140	6033.17	3473	151
S	Nov 2017	82	98	4	139	0	139	138	6032.07	3430	166
T	Dec 2017	52	86	2	174	0	174	135	6029.85	3343	197
O	Jan 2018	52	90	2	175	0	175	131	6027.65	3259	208
R	Feb 2018	57	91	2	155	1	157	129	6025.91	3194	197
I	Mar 2018	86	99	3	106	0	106	128	6025.65	3184	178
C	Apr 2018	121	108	5	101	0	101	128	6025.69	3186	277
A	May 2018	422	290	8	163	6	169	133	6028.57	3294	572
L	Jun 2018	435	401	11	125	0	125	143	6035.09	3550	278
*	Jul 2018	140	102	14	120	0	120	142	6034.33	3519	141
	Aug 2018	72	79	13	123	0	123	139	6032.94	3464	128
	Sep 2018	52	70	12	125	0	125	137	6031.33	3400	131
	WY 2018	**1659**	**1609**	**83**	**1613**	**7**	**1620**				**2623**
	Oct 2018	58	76	7	98	0	98	136	6030.58	3372	116
	Nov 2018	60	81	4	95	0	95	135	6030.15	3355	123
	Dec 2018	41	72	2	117	0	117	133	6028.98	3310	140
	Jan 2019	45	81	2	117	0	117	132	6028.02	3273	137
	Feb 2019	45	77	2	117	0	117	130	6026.96	3233	136
	Mar 2019	95	122	3	120	0	120	130	6026.93	3232	185
	Apr 2019	130	134	5	128	0	128	130	6026.95	3233	318
	May 2019	195	148	8	195	0	195	128	6025.53	3180	685
	Jun 2019	325	204	10	126	0	126	131	6027.27	3245	561
	Jul 2019	200	150	13	98	0	98	132	6028.23	3281	173
	Aug 2019	76	79	13	117	0	117	130	6026.95	3233	135
	Sep 2019	50	75	11	113	0	113	128	6025.69	3186	127
	WY 2019	**1320**	**1297**	**79**	**1441**	**0**	**1441**				**2836**
	Oct 2019	55	79	7	82	0	82	128	6025.42	3176	109
	Nov 2019	50	76	3	82	0	82	127	6025.16	3166	111
	Dec 2019	35	72	2	86	0	86	127	6024.75	3151	111
	Jan 2020	40	79	2	85	0	85	127	6024.56	3144	110
	Feb 2020	45	82	2	63	0	63	127	6024.98	3160	91
	Mar 2020	102	124	3	65	0	65	129	6026.42	3213	142
	Apr 2020	134	119	5	95	0	95	130	6026.92	3232	310
	May 2020	245	174	8	179	0	179	130	6026.59	3219	711
	Jun 2020	390	260	10	181	0	181	132	6028.35	3286	601
	Jul 2020	210	204	14	141	0	141	134	6029.59	3333	241

* 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

August 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)
*	Aug 2017	12	25	9320.31	88
H	Sep 2017	8	18	9314.58	77
	WY 2017	**179**	**173**		
I	Oct 2017	8	8	9314.93	78
S	Nov 2017	6	6	9315.09	78
T	Dec 2017	4	6	9313.84	76
O	Jan 2018	4	6	9312.64	74
R	Feb 2018	4	6	9311.50	72
I	Mar 2018	5	6	9310.51	71
C	Apr 2018	8	7	9311.18	72
A	May 2018	24	12	9318.33	84
L	Jun 2018	13	15	9317.29	82
*	Jul 2018	5	14	9311.71	73
	Aug 2018	4	15	9304.35	61
	Sep 2018	4	12	9298.72	53
	WY 2018	**90**	**114**		
	Oct 2018	4	4	9299.00	54
	Nov 2018	3	3	9299.00	54
	Dec 2018	3	3	9298.93	54
	Jan 2019	3	3	9298.85	54
	Feb 2019	2	3	9298.25	53
	Mar 2019	3	3	9298.17	53
	Apr 2019	5	10	9294.21	48
	May 2019	23	16	9300.04	55
	Jun 2019	35	21	9309.57	69
	Jul 2019	14	24	9303.26	60
	Aug 2019	7	20	9293.80	47
	Sep 2019	6	15	9285.65	38
	WY 2019	**108**	**123**		
	Oct 2019	6	7	9284.48	37
	Nov 2019	5	5	9284.22	37
	Dec 2019	5	5	9283.69	36
	Jan 2020	4	5	9282.80	35
	Feb 2020	4	5	9281.63	34
	Mar 2020	4	8	9277.60	31
	Apr 2020	9	8	9278.49	32
	May 2020	28	30	9276.46	30
	Jun 2020	42	30	9288.81	42
	Jul 2020	20	10	9297.36	52

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

Model Run ID: 3065

Processed On: 8/9/2018 12:49:46PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 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)
*	Aug 2017	84	96	1	111	0	111	7516.38	802
H	Sep 2017	35	45	1	115	0	114	7508.43	732
	WY 2017	**1245**	**1238**	**9**	**987**	**101**	**1163**		
I	Oct 2017	37	37	1	102	0	102	7500.64	667
S	Nov 2017	32	32	0	40	0	40	7499.68	659
T	Dec 2017	25	27	0	93	0	93	7491.44	593
O	Jan 2018	20	22	0	60	0	60	7486.51	554
R	Feb 2018	23	25	0	32	0	32	7485.54	547
I	Mar 2018	28	29	0	43	0	43	7483.73	534
C	Apr 2018	48	47	1	82	0	82	7478.94	498
A	May 2018	112	100	1	85	0	85	7480.90	513
L	Jun 2018	56	57	1	98	0	98	7475.06	471
*	Jul 2018	21	31	1	101	0	101	7464.43	399
	Aug 2018	21	32	1	96	0	96	7453.92	335
	Sep 2018	22	30	1	88	0	88	7443.22	276
	WY 2018	**445**	**469**	**7**	**918**	**0**	**918**		
	Oct 2018	22	22	0	50	0	50	7437.56	248
	Nov 2018	20	20	0	25	0	25	7436.54	243
	Dec 2018	16	16	0	26	0	26	7434.51	233
	Jan 2019	15	15	0	27	0	27	7431.99	221
	Feb 2019	14	15	0	27	0	27	7429.29	209
	Mar 2019	25	25	0	35	0	35	7426.87	199
	Apr 2019	54	59	0	49	0	49	7429.20	209
	May 2019	173	166	1	180	20	200	7420.88	174
	Jun 2019	248	234	1	37	0	37	7459.79	370
	Jul 2019	90	100	1	83	0	83	7462.24	385
	Aug 2019	47	60	1	97	0	97	7455.94	347
	Sep 2019	36	45	1	75	0	75	7450.56	316
	WY 2019	**760**	**775**	**5**	**710**	**20**	**730**		
	Oct 2019	37	38	0	49	0	49	7448.49	304
	Nov 2019	31	31	0	18	0	18	7450.79	317
	Dec 2019	26	26	0	30	0	30	7450.06	313
	Jan 2020	24	25	0	24	0	24	7450.25	314
	Feb 2020	22	23	0	22	0	22	7450.43	315
	Mar 2020	36	40	0	25	0	25	7452.96	329
	Apr 2020	77	76	1	36	0	36	7459.66	369
	May 2020	221	223	1	195	3	198	7463.46	393
	Jun 2020	261	249	1	33	0	33	7493.41	608
	Jul 2020	117	107	1	70	0	70	7497.85	644

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

Model Run ID: 3065

Processed On: 8/9/2018 12:49:46PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 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)
*	Aug 2017	86	111	2	113	0	0	115	7152.68	111
H	Sep 2017	35	114	0	115	92	0	112	7155.62	114
	WY 2017	**1314**	**1163**	**69**	**1232**	**893**	**0**	**1226**		
I	Oct 2017	38	102	1	103	105	0	105	7153.17	112
S	Nov 2017	34	40	1	41	42	0	42	7152.45	111
T	Dec 2017	26	93	1	94	94	0	94	7152.45	111
O	Jan 2018	22	60	2	62	62	0	63	7150.65	110
R	Feb 2018	24	32	1	33	34	0	34	7149.19	108
I	Mar 2018	29	43	1	44	49	0	49	7143.05	104
C	Apr 2018	54	82	6	87	79	0	79	7154.30	112
A	May 2018	121	85	8	94	94	0	94	7153.76	112
L	Jun 2018	57	98	2	99	99	0	99	7154.16	112
*	Jul 2018	22	101	1	102	101	0	101	7155.49	113
	Aug 2018	21	96	0	96	97	0	97	7153.73	112
	Sep 2018	22	88	0	88	88	0	88	7153.73	112
	WY 2018	**470**	**918**	**25**	**943**	**942**	**0**	**944**		
	Oct 2018	22	50	0	50	50	0	50	7153.73	112
	Nov 2018	20	25	0	25	25	0	25	7153.73	112
	Dec 2018	16	26	0	26	26	0	26	7153.73	112
	Jan 2019	15	27	0	27	27	0	27	7153.73	112
	Feb 2019	14	27	0	27	27	0	27	7153.73	112
	Mar 2019	26	35	1	36	36	0	36	7153.73	112
	Apr 2019	59	49	5	54	54	0	54	7153.73	112
	May 2019	190	200	17	217	217	0	217	7153.73	112
	Jun 2019	258	37	10	47	47	0	47	7153.73	112
	Jul 2019	93	83	3	86	86	0	86	7153.73	112
	Aug 2019	51	97	4	101	101	0	101	7153.73	112
	Sep 2019	36	75	0	75	75	0	75	7153.73	112
	WY 2019	**800**	**730**	**40**	**770**	**770**	**0**	**770**		
	Oct 2019	38	49	1	50	50	0	50	7153.73	112
	Nov 2019	32	18	1	19	19	0	19	7153.73	112
	Dec 2019	28	30	2	32	32	0	32	7153.73	112
	Jan 2020	27	24	2	26	26	0	26	7153.73	112
	Feb 2020	25	22	3	25	25	0	25	7153.73	112
	Mar 2020	40	25	4	29	29	0	29	7153.73	112
	Apr 2020	88	36	11	47	47	0	47	7153.73	112
	May 2020	247	198	26	224	224	0	224	7153.73	112
	Jun 2020	281	33	20	53	53	0	53	7153.73	112
	Jul 2020	123	70	6	76	76	0	76	7153.73	112

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

Model Run ID: 3065

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 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)
*	Aug 2017	89	115	3	119	119	0	119	6744.79	15	62	58
H	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**
I	Oct 2017	43	105	5	110	109	0	109	6751.20	16	55	53
S	Nov 2017	38	42	4	46	46	0	46	6749.89	16	1	46
T	Dec 2017	29	94	3	97	97	0	97	6749.23	16	1	98
O	Jan 2018	25	63	3	66	62	4	66	6747.99	16	1	65
R	Feb 2018	27	34	3	37	16	20	36	6750.06	16	0	34
I	Mar 2018	33	49	4	52	53	0	53	6747.97	16	13	38
C	Apr 2018	60	79	6	84	84	0	84	6749.35	16	53	28
A	May 2018	129	94	9	102	102	0	102	6749.41	16	62	40
L	Jun 2018	61	99	3	102	102	0	102	6750.48	16	63	44
*	Jul 2018	24	101	2	103	103	0	103	6750.59	16	64	41
	Aug 2018	22	97	1	98	97	0	97	6753.04	17	65	32
	Sep 2018	23	88	1	89	89	0	89	6753.04	17	55	34
	WY 2018	**514**	**944**	**44**	**987**	**960**	**26**	**986**			**434**	**554**
	Oct 2018	23	50	1	51	51	0	51	6753.04	17	30	21
	Nov 2018	22	25	2	27	27	0	27	6753.04	17	0	27
	Dec 2018	18	26	2	28	28	0	28	6753.04	17	0	28
	Jan 2019	16	27	1	28	28	0	28	6753.04	17	0	28
	Feb 2019	15	27	1	28	28	0	28	6753.04	17	0	28
	Mar 2019	28	36	2	38	38	0	38	6753.04	17	5	33
	Apr 2019	65	54	6	60	60	0	60	6753.04	17	42	18
	May 2019	210	217	20	237	134	103	237	6753.04	17	62	175
	Jun 2019	290	47	32	79	79	0	79	6753.04	17	61	18
	Jul 2019	100	86	7	93	93	0	93	6753.04	17	65	28
	Aug 2019	57	101	6	107	107	0	107	6753.04	17	65	42
	Sep 2019	41	75	5	80	80	0	80	6753.04	17	55	25
	WY 2019	**885**	**770**	**85**	**855**	**753**	**103**	**855**			**385**	**470**
	Oct 2019	43	50	5	55	55	0	55	6753.04	17	30	25
	Nov 2019	37	19	4	24	24	0	24	6753.04	17	0	24
	Dec 2019	32	32	5	37	37	0	37	6753.04	17	0	37
	Jan 2020	31	26	5	31	31	0	31	6753.04	17	0	31
	Feb 2020	29	25	4	29	29	0	29	6753.04	17	0	29
	Mar 2020	46	29	6	35	35	0	35	6753.04	17	5	30
	Apr 2020	101	47	12	60	60	0	60	6753.04	17	42	18
	May 2020	281	224	34	258	134	124	258	6753.04	17	62	196
	Jun 2020	315	53	34	87	87	0	87	6753.04	17	61	26
	Jul 2020	138	76	14	90	90	0	90	6753.04	17	65	25

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

Model Run ID: 3065

Processed On: 8/9/2018 12:49:46PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 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)
*	Aug 2017	19	33	7655.15	100
H	Sep 2017	9	34	7644.31	74
	WY 2017	**303**	**297**		
I	Oct 2017	9	22	7638.22	61
S	Nov 2017	5	2	7639.49	63
T	Dec 2017	3	1	7640.27	65
O	Jan 2018	3	0	7641.42	67
R	Feb 2018	3	0	7642.57	70
I	Mar 2018	4	0	7644.11	73
C	Apr 2018	15	3	7649.29	85
A	May 2018	30	31	7648.91	84
L	Jun 2018	14	35	7639.22	63
*	Jul 2018	8	35	7624.15	35
	Aug 2018	6	18	7615.14	23
	Sep 2018	7	13	7609.25	17
	WY 2018	**107**	**161**		
	Oct 2018	6	8	7607.32	15
	Nov 2018	4	2	7609.61	17
	Dec 2018	3	2	7610.73	18
	Jan 2019	2	2	7610.85	18
	Feb 2019	2	2	7611.13	19
	Mar 2019	4	2	7613.06	21
	Apr 2019	14	2	7622.56	33
	May 2019	54	31	7635.65	55
	Jun 2019	62	43	7644.51	74
	Jul 2019	25	42	7636.55	57
	Aug 2019	15	38	7623.43	34
	Sep 2019	14	30	7610.74	18
	WY 2019	**205**	**201**		
	Oct 2019	14	17	7606.86	14
	Nov 2019	8	2	7613.22	21
	Dec 2019	6	2	7617.03	25
	Jan 2020	5	2	7619.77	29
	Feb 2020	5	2	7621.91	32
	Mar 2020	9	2	7626.25	38
	Apr 2020	23	2	7637.80	60
	May 2020	71	31	7655.09	99
	Jun 2020	70	47	7663.93	123
	Jul 2020	29	42	7658.94	109

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

Model Run ID: 3065

Processed On: 8/9/2018 12:49:46PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2018 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	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)
*	Aug 2017	30	5	38	4	35	36	6058.07	1323	55
H	Sep 2017	9	2	33	3	23	42	6055.28	1289	48
	WY 2017	**1157**	**160**	**991**	**28**	**198**	**785**			**1410**
I	Oct 2017	38	2	49	2	8	32	6055.89	1296	52
S	Nov 2017	19	0	16	1	0	25	6055.04	1286	41
T	Dec 2017	10	0	9	1	0	24	6053.69	1270	40
O	Jan 2018	12	0	9	1	0	23	6052.47	1255	40
R	Feb 2018	13	0	11	1	1	18	6051.73	1246	33
I	Mar 2018	24	2	19	2	6	21	6050.92	1236	30
C	Apr 2018	69	13	45	2	20	37	6049.73	1222	42
A	May 2018	89	16	72	3	36	32	6049.80	1223	69
L	Jun 2018	6	3	24	4	42	42	6044.23	1159	49
*	Jul 2018	-9	0	18	4	42	52	6036.94	1080	53
	Aug 2018	3	0	15	3	38	53	6029.33	1002	64
	Sep 2018	10	0	16	2	20	39	6024.83	958	50
	WY 2018	**285**	**36**	**303**	**24**	**212**	**398**			**563**
	Oct 2018	15	0	17	1	6	31	6022.60	936	41
	Nov 2018	20	0	18	1	0	24	6021.87	929	32
	Dec 2018	14	0	13	0	0	25	6020.56	917	32
	Jan 2019	14	0	14	0	0	26	6019.21	904	32
	Feb 2019	18	0	18	1	0	22	6018.66	899	27
	Mar 2019	54	0	52	1	5	20	6021.34	924	31
	Apr 2019	108	2	94	2	21	18	6026.88	978	47
	May 2019	230	7	200	3	36	22	6040.47	1118	136
	Jun 2019	177	3	155	4	52	21	6047.48	1196	138
	Jul 2019	35	0	51	4	57	25	6044.51	1162	75
	Aug 2019	30	0	53	3	48	34	6041.59	1130	63
	Sep 2019	30	0	46	2	26	27	6040.69	1120	51
	WY 2019	**745**	**12**	**729**	**23**	**250**	**294**			**704**
	Oct 2019	37	0	41	1	10	22	6041.45	1129	45
	Nov 2019	30	0	24	1	0	21	6041.63	1131	37
	Dec 2019	25	0	21	1	0	22	6041.49	1129	37
	Jan 2020	22	0	18	1	0	22	6041.15	1125	35
	Feb 2020	30	0	27	1	0	20	6041.73	1132	33
	Mar 2020	92	0	86	1	6	22	6046.81	1189	44
	Apr 2020	170	2	146	2	22	21	6055.40	1290	73
	May 2020	277	7	230	4	36	29	6067.90	1452	175
	Jun 2020	224	3	197	5	53	30	6075.74	1562	181
	Jul 2020	66	0	79	5	57	48	6073.59	1531	115

* 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

August 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)
*	Aug 2017	446	495	63	900	0	900	3630.88	5250	14952	929
H	Sep 2017	196	410	57	663	0	663	3628.31	5227	14664	671
	WY 2017	**11905**	**11396**	**409**	**8874**	**126**	**9000**				**9152**
I	Oct 2017	449	533	39	640	0	640	3627.09	5216	14530	634
S	Nov 2017	387	454	37	630	0	630	3625.29	5200	14332	619
T	Dec 2017	299	483	29	740	0	740	3622.85	5179	14068	733
O	Jan 2018	262	442	9	860	0	860	3619.14	5147	13672	861
R	Feb 2018	269	387	10	730	0	730	3616.02	5121	13346	750
I	Mar 2018	332	395	16	800	0	800	3612.23	5090	12956	835
C	Apr 2018	382	419	25	705	0	705	3609.39	5067	12669	738
A	May 2018	1214	968	29	705	0	705	3611.54	5085	12886	730
L	Jun 2018	883	635	45	760	0	760	3609.98	5072	12728	781
*	Jul 2018	123	252	53	860	0	860	3603.80	5023	12116	877
	Aug 2018	165	379	50	900	0	900	3598.28	4981	11587	918
	Sep 2018	210	397	45	671	0	671	3595.13	4957	11292	682
	WY 2018	**4975**	**5745**	**387**	**9000**	**0**	**9000**				**9156**
	Oct 2018	350	440	31	640	0	640	3592.82	4940	11078	646
	Nov 2018	360	404	30	640	0	640	3590.13	4920	10832	640
	Dec 2018	300	396	23	720	0	720	3586.55	4895	10511	725
	Jan 2019	280	375	7	860	0	860	3581.35	4858	10056	871
	Feb 2019	280	369	7	750	0	750	3577.13	4829	9696	754
	Mar 2019	460	467	12	800	0	800	3573.30	4804	9377	805
	Apr 2019	700	625	19	710	0	710	3572.14	4796	9281	718
	May 2019	1650	1510	23	710	0	710	3580.72	4854	10001	716
	Jun 2019	2250	1739	38	750	0	750	3590.68	4924	10882	758
	Jul 2019	760	698	47	850	0	850	3588.64	4910	10698	869
	Aug 2019	370	513	46	900	0	900	3584.13	4877	10298	918
	Sep 2019	340	466	41	670	0	670	3581.52	4859	10070	681
	WY 2019	**8100**	**8002**	**322**	**9000**	**0**	**9000**				**9100**
	Oct 2019	455	488	28	480	0	480	3581.30	4858	10051	486
	Nov 2019	447	457	27	500	0	500	3580.54	4853	9986	500
	Dec 2019	363	415	22	600	0	600	3578.30	4837	9794	605
	Jan 2020	361	405	6	720	0	720	3574.75	4813	9497	731
	Feb 2020	393	402	7	640	0	640	3572.00	4795	9270	644
	Mar 2020	665	552	11	675	0	675	3570.47	4785	9145	680
	Apr 2020	1056	850	18	600	0	600	3573.10	4802	9360	608
	May 2020	2343	2048	23	600	0	600	3588.43	4908	10679	606
	Jun 2020	2666	2091	40	630	0	630	3602.54	5013	11994	638
	Jul 2020	1091	1013	51	710	0	710	3604.94	5032	12228	729

* 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

August 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)
*	Aug 2017	900	94	70	683	11.1	28	683	658	1081.44	10131
H	Sep 2017	663	70	58	600	10.1	21	591	662	1082.05	10182
	WY 2017	**9000**	**995**	**541**	**8620**		**236**	**8591**			
I	Oct 2017	640	44	43	596	9.7	23	595	663	1082.30	10202
S	Nov 2017	630	40	42	731	12.3	16	731	656	1080.95	10090
T	Dec 2017	740	43	37	594	9.7	12	593	664	1082.52	10221
O	Jan 2018	860	78	30	449	7.3	10	448	692	1087.50	10642
R	Feb 2018	730	60	28	687	12.4	10	693	696	1088.21	10703
I	Mar 2018	800	70	32	833	13.5	14	832	695	1088.11	10694
C	Apr 2018	705	43	39	1015	17.1	21	1015	675	1084.49	10387
A	May 2018	705	21	44	1055	17.1	27	1054	651	1080.00	10011
L	Jun 2018	760	27	53	986	16.6	28	985	634	1076.81	9748
*	Jul 2018	860	105	65	820	13.3	25	819	637	1077.43	9799
	Aug 2018	900	112	70	748	12.2	38	748	646	1079.22	9946
	Sep 2018	671	105	58	718	12.1	30	718	645	1078.87	9917
	WY 2018	**9000**	**748**	**541**	**9233**		**255**	**9232**			
	Oct 2018	640	69	42	686	11.2	32	686	642	1078.29	9870
	Nov 2018	640	61	42	718	12.1	25	718	636	1077.33	9791
	Dec 2018	720	50	36	526	8.6	17	526	648	1079.50	9969
	Jan 2019	860	78	30	610	9.9	12	610	665	1082.72	10238
	Feb 2019	750	93	28	684	12.3	14	684	673	1084.03	10347
	Mar 2019	800	56	31	1054	17.1	21	1054	657	1081.22	10113
	Apr 2019	710	48	38	1058	17.8	23	1058	635	1077.11	9773
	May 2019	710	31	43	966	15.7	27	966	617	1073.70	9496
	Jun 2019	750	12	51	907	15.2	33	907	603	1071.02	9281
	Jul 2019	850	81	64	825	13.4	36	825	604	1071.09	9287
	Aug 2019	900	112	68	740	12.0	34	740	614	1073.09	9446
	Sep 2019	670	105	56	733	12.3	27	733	612	1072.61	9408
	WY 2019	**9000**	**796**	**529**	**9508**		**302**	**9508**			
	Oct 2019	480	69	41	510	8.3	28	510	610	1072.26	9380
	Nov 2019	500	61	41	669	11.2	21	669	599	1070.27	9221
	Dec 2019	600	50	35	593	9.6	14	593	600	1070.35	9228
	Jan 2020	720	78	29	607	9.9	14	607	609	1072.10	9367
	Feb 2020	640	93	26	663	11.5	17	663	610	1072.41	9392
	Mar 2020	675	56	29	988	16.1	22	988	592	1068.78	9103
	Apr 2020	600	48	36	997	16.8	25	997	567	1063.85	8717
	May 2020	600	31	41	917	14.9	31	917	545	1059.46	8382
	Jun 2020	630	12	48	929	15.6	31	929	523	1054.87	8039
	Jul 2020	710	81	59	813	13.2	31	813	516	1053.45	7934

* 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

August 2018 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)
*	Aug 2017	683	-8	23	707	0	707	11.5	642.64	1689
H	Sep 2017	600	-11	18	656	0	656	11.0	639.47	1603
	WY 2017	**8620**	**-183**	**199**	**8261**	**0**	**8261**			
I	Oct 2017	596	-2	15	671	0	671	10.9	636.00	1512
S	Nov 2017	731	-18	11	595	0	595	10.0	640.07	1619
T	Dec 2017	594	-16	9	552	0	552	9.0	640.68	1636
O	Jan 2018	449	2	10	437	0	437	7.1		1641
R	Feb 2018	687	-4	10	611	0	611	11.0	643.18	1704
I	Mar 2018	833	-1	13	836	0	836	13.6	642.57	1687
C	Apr 2018	1015	-3	17	1001	0	1001	16.8	642.40	1682
A	May 2018	1055	-11	22	1001	0	1001	16.3	643.17	1703
L	Jun 2018	986	-21	26	909	0	909	15.3	644.29	1734
*	Jul 2018	820	-6	26	827	0	827	13.4	642.91	1696
	Aug 2018	748	-12	23	738	0	738	12.0	642.00	1671
	Sep 2018	718	-12	18	795	0	795	13.4	638.00	1564
	WY 2018	**9233**	**-103**	**198**	**8970**	**0**	**8970**			
	Oct 2018	686	-4	15	746	0	746	12.1	635.00	1486
	Nov 2018	718	-12	10	616	0	616	10.4	638.00	1564
	Dec 2018	526	-12	9	478	0	478	7.8	639.01	1591
	Jan 2019	610	-19	10	506	0	506	8.2	641.80	1666
	Feb 2019	684	-15	10	659	0	659	11.9	641.80	1666
	Mar 2019	1054	-17	13	990	0	990	16.1	643.05	1700
	Apr 2019	1058	-20	17	1023	0	1023	17.2	643.00	1699
	May 2019	966	-12	22	932	0	932	15.2	643.00	1699
	Jun 2019	907	-15	25	866	0	866	14.6	643.00	1699
	Jul 2019	825	-15	25	812	0	812	13.2	642.00	1671
	Aug 2019	740	-12	23	705	0	705	11.5	642.00	1671
	Sep 2019	733	-12	18	756	0	756	12.7	640.01	1618
	WY 2019	**9508**	**-166**	**197**	**9090**	**0**	**9090**			
	Oct 2019	510	-4	15	674	0	674	11.0	633.00	1434
	Nov 2019	669	-12	10	595	0	595	10.0	635.00	1486
	Dec 2019	593	-12	9	475	0	475	7.7	638.71	1583
	Jan 2020	607	-19	10	496	0	496	8.1	641.80	1666
	Feb 2020	663	-15	10	639	0	639	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	14.4	643.00	1699
	Jun 2020	929	-15	25	889	0	889	14.9	643.00	1699
	Jul 2020	813	-15	25	800	0	800	13.0	642.00	1671

* 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

August 2018 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Aug 2017	707	12	17	570	9.3	58	70	448.28	585	102	1.7
H	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**	
I	Oct 2017	671	9	12	478	7.8	69	131	446.27	548	65	1.1
S	Nov 2017	595	12	9	349	5.9	89	127	447.86	577	99	1.7
T	Dec 2017	552	17	7	335	5.5	100	144	446.80	557	109	1.8
O	Jan 2018	437	3	6	329	5.3	29	90	445.81	539	125	2.0
R	Feb 2018	611	3	8	429	7.7	12	109	448.52	590	145	2.6
I	Mar 2018	836	-3	9	637	10.4	61	139	447.46	570	195	3.2
C	Apr 2018	1001	-8	11	735	12.4	75	168	447.13	564	175	2.9
A	May 2018	1001	10	13	697	11.3	87	178	448.51	590	124	2.0
L	Jun 2018	909	6	15	712	12.0	91	88	448.43	588	136	2.3
*	Jul 2018	827	20	17	656	10.7	101	72	448.00	580	133	2.2
	Aug 2018	738	23	17	611	9.9	99	32	447.50	571	93	1.5
	Sep 2018	795	17	15	531	8.9	96	160	447.50	571	96	1.6
	WY 2018	**8970**	**108**	**139**	**6498**		**910**	**1438**			**1495**	
	Oct 2018	746	23	12	485	7.9	99	166	447.50	570	65	1.1
	Nov 2018	616	16	9	386	6.5	94	138	447.50	571	99	1.7
	Dec 2018	478	18	7	282	4.6	97	126	446.50	552	109	1.8
	Jan 2019	506	21	6	318	5.2	79	120	446.50	552	138	2.2
	Feb 2019	659	11	8	485	8.7	51	120	446.50	552	160	2.9
	Mar 2019	990	7	9	718	11.7	69	188	446.70	555	198	3.2
	Apr 2019	1023	16	11	710	11.9	89	183	448.70	593	175	2.9
	May 2019	932	15	13	642	10.4	90	188	448.70	593	104	1.7
	Jun 2019	866	13	16	683	11.5	89	78	448.70	593	105	1.8
	Jul 2019	812	21	17	647	10.5	90	78	448.00	580	111	1.8
	Aug 2019	705	23	17	589	9.6	90	29	447.50	571	100	1.6
	Sep 2019	756	17	15	509	8.6	89	152	447.50	570	89	1.5
	WY 2019	**9090**	**200**	**139**	**6455**		**1025**	**1566**			**1452**	
	Oct 2019	674	23	12	490	8.0	48	140	447.50	571	74	1.2
	Nov 2019	595	16	9	408	6.9	48	140	447.50	571	116	1.9
	Dec 2019	475	18	7	313	5.1	48	140	446.50	552	131	2.1
	Jan 2020	496	21	6	313	5.1	87	106	446.50	552	134	2.2
	Feb 2020	639	11	8	479	8.3	57	100	446.50	552	155	2.7
	Mar 2020	923	7	9	708	11.5	77	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
	Jun 2020	889	13	16	675	11.3	97	100	448.70	593	102	1.7
	Jul 2020	800	21	17	642	10.4	99	62	448.00	580	107	1.7

* 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

August 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
*	Aug 2017	683	11.1	1081.44	10131	200	436.25	1478.1	261.0	93	382.0
H	Sep 2017	600	10.1	1082.05	10182	51	440.10	976.1	230.7	66	384.8
	WY 2017	**8620**							**3347.1**		
I	Oct 2017	596	9.7	1082.30	10202	21	441.43	976.1	229.0	66	384.2
S	Nov 2017	731	12.3	1080.95	10090	-113	435.01	996.0	287.9	63	393.6
T	Dec 2017	594	9.7	1082.52	10221	131	439.05	821.0	235.7	52	396.6
O	Jan 2018	449	7.3	1087.50	10642	421	442.14	834.0	176.5	51	392.9
R	Feb 2018	687	12.4	1088.21	10703	61	441.97	1220.1	275.0	75	400.3
I	Mar 2018	833	13.5	1088.11	10694	-9	442.23	1005.9	333.9	62	400.8
C	Apr 2018	1015	17.1	1084.49	10387	-308	437.15	880.9	406.2	55	400.0
A	May 2018	1055	17.1	1080.00	10011	-376	432.39	1385.9	412.1	88	390.8
L	Jun 2018	986	16.6	1076.81	9748	-263	428.91	1552.0	378.6	100	384.1
*	Jul 2018	820	13.3	1077.43	9799	51	432.34	1552.0	313.2	100	382.0
	Aug 2018	748	12.2	1079.22	9946	147	425.22	1562.0	286.6	100	383.2
	Sep 2018	718	12.1	1078.87	9917	-29	427.52	1552.0	276.4	100	384.9
	WY 2018	**9233**							**3611.2**		
	Oct 2018	686	11.2	1078.29	9870	-48	432.73	1062.0	268.2	68	390.8
	Nov 2018	718	12.1	1077.33	9791	-79	432.77	945.0	284.8	61	396.7
	Dec 2018	526	8.6	1079.50	9969	178	430.67	1146.9	200.3	74	380.8
	Jan 2019	610	9.9	1082.72	10238	268	433.30	990.0	239.5	63	392.5
	Feb 2019	684	12.3	1084.03	10347	110	434.64	990.0	272.7	63	398.7
	Mar 2019	1054	17.1	1081.22	10113	-235	433.40	993.0	424.4	64	402.5
	Apr 2019	1058	17.8	1077.11	9773	-339	429.99	918.9	427.1	60	403.6
	May 2019	966	15.7	1073.70	9496	-277	426.26	903.0	384.1	60	397.5
	Jun 2019	907	15.2	1071.02	9281	-215	418.95	1499.0	343.2	100	378.5
	Jul 2019	825	13.4	1071.09	9287	6	417.99	1499.0	313.9	100	380.6
	Aug 2019	740	12.0	1073.09	9446	160	419.34	1512.0	279.2	100	377.6
	Sep 2019	733	12.3	1072.61	9408	-38	420.73	1499.0	278.4	100	379.8
	WY 2019	**9508**							**3715.8**		
	Oct 2019	510	8.3	1072.26	9380	-28	423.90	1326.9	196.1	88	384.8
	Nov 2019	669	11.2	1070.27	9221	-159	427.86	925.9	260.1	61	388.9
	Dec 2019	593	9.6	1070.35	9228	7	424.67	990.0	227.5	65	383.5
	Jan 2020	607	9.9	1072.10	9367	139	423.57	952.4	233.2	63	384.0
	Feb 2020	663	11.5	1072.41	9392	25	423.58	953.1	255.9	63	385.9
	Mar 2020	988	16.1	1068.78	9103	-289	421.44	951.9	382.7	64	387.5
	Apr 2020	997	16.8	1063.85	8717	-385	415.71	1084.6	378.9	74	379.8
	May 2020	917	14.9	1059.46	8382	-335	411.10	1066.2	344.1	74	375.2
	Jun 2020	929	15.6	1054.87	8039	-344	403.91	1418.5	339.1	100	365.0
	Jul 2020	813	13.2	1053.45	7934	-105	401.26	1410.5	296.0	100	364.0

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 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
*	Aug 2017	707	11.5	642.64	1689	-55	143.10	255.0	89.9	100	127.1
H	Sep 2017	656	11.0	639.47	1603	-86	138.07	253.3	83.2	99	126.8
	WY 2017	**8261**							**1061.4**		
I	Oct 2017	671	10.9	636.00	1512	-91	134.26	179.3	81.3	70	121.3
S	Nov 2017	595	10.0	640.07	1619	107	138.81	151.3	73.1	59	122.7
T	Dec 2017	552	9.0	640.68	1636	17	139.44	131.6	69.5	52	126.0
O	Jan 2018	437	7.1		1641	5	141.78	159.6	55.0	63	125.9
R	Feb 2018	611	11.0	643.18	1704	63	142.18	162.1	76.6	64	125.4
I	Mar 2018	836	13.6	642.57	1687	-17	139.99	189.2	105.4	74	126.1
C	Apr 2018	1001	16.8	642.40	1682	-5	141.14	207.4	125.1	81	125.0
A	May 2018	1001	16.3	643.17	1703	21	141.89	204.0	126.2	80	126.1
L	Jun 2018	909	15.3	644.29	1734	31	143.00	255.0	115.0	100	126.6
*	Jul 2018	827	13.4	642.91	1696	-38	141.79	255.0	105.3	100	127.4
	Aug 2018	738	12.0	642.00	1671	-25	135.47	255.0	92.8	100	125.8
	Sep 2018	795	13.4	638.00	1564	-107	132.89	255.0	97.8	100	123.1
	WY 2018	**8970**							**1123.1**		
	Oct 2018	746	12.1	635.00	1486	-79	130.58	207.3	89.8	81	120.4
	Nov 2018	616	10.4	638.00	1564	78	131.81	170.0	74.6	67	121.0
	Dec 2018	478	7.8	639.01	1591	27	133.98	167.8	59.2	66	123.8
	Jan 2019	506	8.2	641.80	1666	75	134.58	210.6	63.4	83	125.3
	Feb 2019	659	11.9	641.80	1666	0	136.73	187.6	82.5	74	125.2
	Mar 2019	990	16.1	643.05	1700	34	137.26	190.8	123.1	75	124.4
	Apr 2019	1023	17.2	643.00	1699	-1	136.07	255.0	127.5	100	124.6
	May 2019	932	15.2	643.00	1699	0	136.04	255.0	116.7	100	125.2
	Jun 2019	866	14.6	643.00	1699	0	136.04	255.0	108.6	100	125.4
	Jul 2019	812	13.2	642.00	1671	-27	135.51	255.0	101.8	100	125.4
	Aug 2019	705	11.5	642.00	1671	0	134.99	255.0	88.5	100	125.5
	Sep 2019	756	12.7	640.01	1618	-54	133.94	255.0	93.9	100	124.2
	WY 2019	**9090**							**1129.8**		
	Oct 2019	674	11.0	633.00	1434	-183	130.59	207.3	81.4	81	120.8
	Nov 2019	595	10.0	635.00	1486	51	129.19	170.0	70.7	67	118.9
	Dec 2019	475	7.7	638.71	1583	97	132.25	167.8	58.1	66	122.3
	Jan 2020	496	8.1	641.80	1666	83	133.85	230.3	62.1	90	125.3
	Feb 2020	639	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	115.2	75	124.8
	Apr 2020	962	16.2	643.00	1699	-1	136.07	255.0	120.2	100	124.9
	May 2020	882	14.4	643.00	1699	0	136.04	255.0	110.7	100	125.5
	Jun 2020	889	14.9	643.00	1699	0	136.04	255.0	111.3	100	125.3
	Jul 2020	800	13.0	642.00	1671	-27	135.51	255.0	100.3	100	125.5

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 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
*	Aug 2017	570	9.3	448.28	585	-7	82.37	120.0	39.9	100	70.0
H	Sep 2017	481	8.1	447.17	564	-21	81.08	120.0	33.8	100	70.2
	WY 2017	**6204**							**434.1**		
I	Oct 2017	478	7.8	446.27	548	-17	80.03	92.9	33.6	77	70.4
S	Nov 2017	349	5.9	447.86	577	30	81.65	90.0	24.1	75	69.2
T	Dec 2017	335	5.5	446.80	557	-20	81.55	92.9	22.5	77	67.0
O	Jan 2018	329	5.3	445.81	539	-18	80.05	117.1	22.8	98	69.2
R	Feb 2018	429	7.7	448.52	590	50	81.30	92.1	30.3	77	70.6
I	Mar 2018	638	10.4	447.46	570	-20	81.79	102.6	44.9	85	70.4
C	Apr 2018	735	12.4	447.13	564	-6	81.11	120.0	50.8	100	69.1
A	May 2018	697	11.3	448.51	590	26	82.36	120.0	48.5	100	69.6
L	Jun 2018	712	12.0	448.43	588	-1	80.33	120.0	49.7	100	69.9
*	Jul 2018	656	10.7	448.00	580	-8	81.97	120.0	46.0	100	70.2
	Aug 2018	611	9.9	447.50	571	-10	75.13	120.0	40.0	100	65.5
	Sep 2018	531	8.9	447.50	571	0	74.89	120.0	34.6	100	65.1
	WY 2018	**6498**							**447.7**		
	Oct 2018	485	7.9	447.50	570	0	76.29	90.0	32.0	75	66.1
	Nov 2018	386	6.5	447.50	571	0	76.19	92.0	25.2	77	65.3
	Dec 2018	282	4.6	446.50	552	-19	74.69	113.2	17.7	94	62.8
	Jan 2019	318	5.2	446.50	552	0	75.27	91.0	20.3	76	63.8
	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	74.05	119.0	46.7	99	65.0
	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	**6455**							**422.8**		
	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	74.65	114.2	19.7	95	63.2
	Jan 2020	313	5.1	446.50	552	0	75.07	94.8	19.9	79	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	74.01	120.0	45.9	100	64.9
	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
	Jun 2020	675	11.3	448.70	593	0	76.05	120.0	44.9	100	66.5
	Jul 2020	642	10.4	448.00	580	-13	75.71	120.0	42.4	100	66.0

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 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
*	Aug 2017	421	56	34	0	22	9
H	Sep 2017	306	56	35	33	22	6
	Summer 2017	**2033**	**492**	**202**	**207**	**93**	**33**
I	Oct 2017	294	42	30	37	21	7
S	Nov 2017	288	55	12	14	8	7
T	Dec 2017	339	68	27	33	19	6
O	Jan 2018	394	68	17	21	12	6
R	Feb 2018	335	60	9	12	3	5
I	Mar 2018	364	41	12	16	9	1
	Winter 2018	**2013**	**334**	**107**	**133**	**71**	**31**
C	Apr 2018	318	39	23	27	16	5
A	May 2018	318	63	23	33	20	7
L	Jun 2018	343	50	27	34	20	8
*	Jul 2018	384	48	27	36	20	8
	Aug 2018	356	45	26	35	17	7
	Sep 2018	264	46	23	32	15	6
	Summer 2018	**1984**	**291**	**149**	**197**	**108**	**42**
	Oct 2018	250	36	13	18	9	6
	Nov 2018	248	35	6	9	5	6
	Dec 2018	278	43	6	9	5	6
	Jan 2019	329	43	7	10	5	6
	Feb 2019	284	43	7	10	5	5
	Mar 2019	300	44	9	13	7	5
	Winter 2019	**1687**	**243**	**47**	**68**	**34**	**34**
	Apr 2019	264	47	12	19	10	6
	May 2019	266	71	43	78	23	7
	Jun 2019	286	46	9	17	14	9
	Jul 2019	327	36	22	31	16	10
	Aug 2019	344	43	26	36	19	7
	Sep 2019	255	41	20	27	14	6
	Summer 2019	**1743**	**284**	**132**	**209**	**96**	**44**
	Oct 2019	182	30	13	18	10	6
	Nov 2019	189	30	5	7	4	6
	Dec 2019	227	31	8	12	6	6
	Jan 2020	271	31	6	9	5	5
	Feb 2020	239	23	6	9	5	5
	Mar 2020	251	24	7	10	6	5
	Winter 2020	**1108**	**145**	**37**	**55**	**30**	**28**
	Apr 2020	223	35	10	17	10	5
	May 2020	227	65	53	81	23	7
	Jun 2020	246	66	9	19	15	9
	Jul 2020	282	52	21	27	16	10

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 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****							****CREDITABLE SPACE****										
Aug 2018	247	430	616	12206	13499	17578	31076	247	430	616	1293	12206	17578	31076	1500	748	0	29.1
Sep 2018	311	495	694	12735	14235	17431	31666	311	495	694	1500	12735	17431	31666	2270	718	0	28.5
Oct 2018	395	553	738	13030	14717	17460	32176	395	553	738	1687	13030	17460	32176	3040	686	0	28.0
Nov 2018	443	582	760	13244	15028	17507	32536	443	582	760	1784	13244	17507	32536	3810	718	0	27.7
Dec 2018	481	587	767	13490	15325	17586	32911	481	587	767	1835	13490	17586	32911	4580	526	0	27.5
Jan 2019	558	597	779	13811	15745	17408	33152	558	597	779	1933	13811	17408	33152	5350	610	0	27.3
								****EFFECTIVE SPACE****										
Jan 2019	558	597	779	13811	15745	17408	33152	134	162	430	726	13811	17408	31945	5350	610	0	27.3
Feb 2019	631	608	792	14266	16297	17139	33436	206	173	442	821	14266	17139	32227	1500	684	0	26.9
Mar 2019	703	620	797	14626	16746	17030	33776	277	186	447	910	14626	17030	32566	1500	1054	0	26.4
Apr 2019	732	631	772	14945	17080	17264	34344	302	196	415	914	14945	17264	33124	1500	1058	0	26.1
May 2019	735	621	718	15041	17116	17604	34719	300	191	339	831	15041	17604	33476	1500	966	0	26.6
Jun 2019	742	656	578	14321	16296	17881	34178	300	218	161	679	14321	17881	32881	1500	907	0	27.8
Jul 2019	558	460	500	13440	14957	18096	33054	102	7	27	135	13440	18096	31671	1500	825	0	27.6
								****CREDITABLE SPACE****										
Aug 2019	474	444	534	13624	15076	18090	33166	474	444	534	1452	13624	18090	33166	1500	740	0	27.2
Sep 2019	528	483	566	14024	15601	17931	33532	528	483	566	1577	14024	17931	33532	2270	733	0	26.8
Oct 2019	602	514	576	14252	15943	17969	33913	602	514	576	1691	14252	17969	33913	3040	510	0	26.5
Nov 2019	636	525	567	14271	16000	17997	33997	636	525	567	1729	14271	17997	33997	3810	669	0	26.3
Dec 2019	673	513	565	14336	16087	18156	34243	673	513	565	1751	14336	18156	34243	4580	593	0	26.1
Jan 2020	726	517	567	14528	16337	18149	34486	726	517	567	1809	14528	18149	34486	5350	607	0	26.0
								****EFFECTIVE SPACE****										
Jan 2020	726	517	567	14528	16337	18149	34486	356	351	567	1274	14528	18149	33951	5350	607	0	26.0
Feb 2020	772	516	571	14825	16684	18010	34694	401	351	571	1322	14825	18010	34158	1500	663	0	25.8
Mar 2020	794	515	564	15052	16925	17985	34911	420	351	564	1335	15052	17985	34372	1500	988	0	25.5
Apr 2020	763	500	507	15177	16947	18274	35221	382	339	507	1229	15177	18274	34680	1500	997	0	25.6
May 2020	730	460	406	14962	16559	18660	35218	344	298	400	1042	14962	18660	34664	1500	917	0	26.8
Jun 2020	673	437	244	13643	14996	18995	33991	278	275	198	751	13643	18995	33389	1500	929	0	28.3
Jul 2020	479	221	134	12328	13162	19338	32500	69	47	31	147	12328	19338	31813	1500	813	0	28.4

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