August 24-Month Study
Date: August 14, 2017

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 (%)	August 13, Midnight Elevation (feet)	August 13, Midnight Reservoir Storage (acre-feet)
Fontenelle	332,000	187	6,500.11	299,000
Flaming Gorge	387,000	184	6,035.19	3,554,000
Blue Mesa	135,000	116	7,518.29	820,000
Navajo	49,000	74	6,060.21	1,350,000
Powell	1,073,000	98	3,633.40	15,237,000

Expected Operations

The operation of Lake Powell and Lake Mead in this August 2017 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 2017 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2016 24-Month Study projections of the January 1, 2017, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2017.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2017 is the Upper Elevation Balancing Tier. With an 8.23 million acre-feet (maf) release from Lake Powell in water year 2017, the April 2017 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 2017. 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 2017.

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 2017.

The August 2017 24-Month Study projects the January 1, 2018 Lake Powell elevation to be below the 2018 Equalization Elevation of 3,654 feet and above elevation 3,575 feet. Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2018 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 2018. 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 2018.

The August 2017 24-Month Study projects the January 1, 2018 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 2018.

The operational tier determinations will be documented in the 2018 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 2017 AOP is available for download at:

https://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP17.pdf

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6503 feet, which amounts to 95 percent of live storage capacity. Inflows for the month of July totaled 331,800 acre-feet (af), or 175 percent of average. Above average inflows are continuing to occur. Releases are currently set at 2,800 cubic feet per second (cfs) (08/13/2017).

The Colorado Basin River Forecast Center has forecasted summer and fall inflows that are above average. August, September, and October forecasted inflow volumes amount to 125,000 af (161 percent of average), 80,000 af (174 percent of average), and 70,000 af (145 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., August 23, 2017. The meeting will be held at the Wyoming Game and Fish Department office in Green River, Wyoming. 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 – Releases are currently decreasing to base flow release of 2,400 cfs on average each day, and are expected to remain at this level through the end of September.

Unregulated inflow into Flaming Gorge Reservoir during the month of July was 387,000 af, or 183 percent of average. The reservoir elevation is 6,034.75 (94 percent of live capacity) and increasing. The observed April-July unregulated inflow volume into Flaming Gorge Reservoir was 2.21 maf (226 percent of average). This is the second highest inflow volume into Flaming Gorge with the record volume inflow in 1986 at 2.26 maf (232 percent of average).

The August final forecast for inflows for the next three months projects above average conditions: August, September and October forecasted inflow volumes at 145,000 af (164 percent of average), 92,000 af (167 percent of average), and 85,000 af (144 percent of average), respectively.

The May water supply forecast of the April through July unregulated inflow volume into Flaming Gorge Reservoir is 2.26 million acre-feet (232 percent of average). The hydrologic classification based on the May final forecast would be wet. However, the Yampa River forecast falls in the average (below median) hydrologic classification. The Record of Decision allows for flexibility to implement hydrologic classification two higher or one lower than the official forecast. Utilizing the flexibility within the ROD, the hydrologic classification is moderately wet. It is unlikely that Reclamation will meet the moderately wet hydrologic targets with the current Yampa River flows.

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 Heather Patno at 801-524-3883.

Reclamation will be holding the Flaming Gorge Working Group meeting on Monday, August 14, 2017, at 7:00 p.m. at the Uinta Conference Center, 313 East 200 South, Vernal, Utah.

Aspinall Unit Reservoirs – Releases from Crystal Dam are approximately 1,950 cfs. Blue Mesa Reservoir is nearly full at 7518. 3 feet which corresponds to a storage content 820,000 af (99 percent of full capacity). Releases from Crystal are anticipated to remain near this level through August and September. With Uncompahgre Valley Water Users Association is diverting approximately 1,000 cfs through the Gunnison Tunnel the river flows through the Black Canyon are anticipated to remain near 900 cfs for the remainder of the summer.

The July unregulated inflow to Blue Mesa Reservoir was 135,000 af (116 percent of average). The April through July observed unregulated inflow for 2017 was 919,000 af

(135 percent of average). The forecasted unregulated inflows to Blue Mesa for the next three months (August, September and October) are projected to be: 72,000 af (114 percent of average), 50,000 af (132 percent of average) and 45,000 af (118 percent of average), respectively. For water year 2018, the forecasted annual unregulated inflow volume is 955,000 af (100 percent of average) with 657,000 af (97 percent of average) forecasted volume occurring during the April through July period. The July 24-Month Study is reflective of this new forecast.

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

For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

The next meeting of the Aspinall Unit Working Group will be held on Thursday, August 17th, 2017 at 1:00 pm at the Elk Creek Visitor Center at Blue Mesa Reservoir.

Navajo Reservoir – As of August 3, 2017, Navajo reservoir elevation is 6060.75 feet (1.36 maf live storage) and is releasing 500 cfs. Releases are made for the authorized purposes of the Navajo Unit, and pursuant to the 2006 Record of Decision, in an 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.

Modified unregulated inflow into Navajo was 48,800 af, which was 74 percent of average for the month of July. Final April-July modified unregulated inflow into Navajo Reservoir totaled 775,000 af (105 percent of average).

The spring peak release ramped up from May 3rd to May 18th. A short decrease occurred on May 9th, due to heavy rains in the San Juan River Basin that had the potential to add significant inflows into the channel. Ramp up resumed May 10th. On May 19th, the release was reduced for 3 days to allow the San Juan County Office of Emergency Management to reduce flood risk on some properties downstream. The peak flow of 4,800 cfs (on average) continued through June 23rd. The release peaked at 4,900 cfs on

July 15th. The spring peak release ramped down at the end of June, and was back to base flows by July 5th. The preliminary calculations show that the release volume (over a 500 cfs base flow) totaled 438,000 af.

The most probable modified unregulated inflow forecast for August at Navajo is 37,000 af (82 percent of average), for September is 35,000 af (81 percent of average), and for October is 42,000 af (89 percent of average). Releases for the remainder of the summer and fall will be made to maintain the target baseflow in the critical habitat reach and will likely range between 400 and 650 cfs. Navajo reservoir elevation is currently expected to reach 6058 feet at the end of the water year.

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 August 22, 2017, at 1:00 pm at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The April to July 2017 unregulated inflow to Lake Powell was 8.17 maf (114 percent of average. The unregulated inflow in July was 1.07 maf (117 percent of average). The release volume from Glen Canyon Dam in July was 0.850 maf. The end of July elevation and storage of Lake Powell were 3,634.69 feet (65 feet from full pool) and 15.38 maf (63 percent of full capacity), respectively. The reservoir elevation peaked at 3,635.80 feet on July 11th and is now in its seasonal decline through the fall and winter months.

Current Operations

The operating tier for water year 2017 was established in August 2016 as the Upper Elevation Balancing Tier. The April 2017 24-Month Study established that Lake Powell operations will be governed by balancing for the remainder of water year 2017. Under balancing, 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 2017. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2017.

The operating tier for water year 2018, established this August 2017, is the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the

potential for an April 2018 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing releases is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2018. 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 10,000 cfs in the nighttime to about 18,000 cfs in the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for September is 663,000 af with daily fluctuations between approximately 8,500 cfs and 14,500 cfs. The expected release for October is 630,000 af with daily fluctuations between approximately 7,300 cfs and 13,000 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. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 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 2018 unregulated inflow to Lake Powell, issued on August 1, 2017, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume next year will be 9.76 maf (90 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 6.0 maf (55 percent of average) to a maximum probable of 17.5 maf (162 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 2017 near 3,631 feet with approximately 15.0 maf in storage (62 percent capacity) and water year 2018 near 3,635 feet with approximately 15.4 maf in

storage (63 percent capacity). Note that projections of elevation and storage for water year 2018 have significant uncertainty at this point in the season. Projections of elevation and storage using the minimum and maximum probable inflow forecast are 3,607 feet (12.4 maf, 51 percent capacity) and 3,654 feet (17.7 maf, 73 percent 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 2018 is projected to be 9.0 maf under the minimum and most probable inflow scenarios and 13.8 maf under the maximum probable inflow scenario. There is a chance that inflows could be higher or lower, potentially resulting in releases greater than 13.8 maf or as low as 8.23 maf in water year 2018.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 17-year period 2000 to 2016, 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 3 out of the past 17 years. The period 2000-2016 is the lowest 17-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.57 maf, or 79 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2016 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 2016 unregulated inflow volume to Lake Powell was 9.62 maf (89 percent of average). Under the current most probable forecast, the total water year 2017 unregulated inflow to Lake Powell is projected to be 12.21 maf (113 percent of average).

At the beginning of water year 2017, total system storage in the Colorado River Basin was 30.2 maf (51 percent of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water years 2015 and 2016 which began at 30.1 maf and 30.3 maf, respectively, both of which were 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% 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 32.85 maf (55 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 August minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2018 total system capacity is approximately 29.4 maf (49 percent of capacity) to 35.6 maf (60 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			jul	Forecast			Observed	
:	apr	may	jun	jul	%Avg	aug	sep	oct	apr-jul	%Avg
GLDA3:Lake Powell	1608	2377	3115	1073	98%:	550/	420/	510/	8173/:	114%
GBRW4:Fontenelle	225	430	732	332	187%:	125/	80/	70/	1719/:	237%
GRNU1:Flaming Gorge	350	582	895	387	183%:	145/	92/	85/	2214/:	226%
BMDC2:Blue Mesa	145	244	392	138	118%:	72/	50/	45/	919/:	136%
MPSC2:Morrow Point	157	263	411	142	115%:	77/	53/	48/	973/:	131%
CLSC2:Crystal	167	285	446	148	108%:	82/	59/	55/	1046/:	125%
TPIC2:Taylor Park	13.0	30	63	24	119%:	12/	8/	8/	130/:	131%
VCRC2:Vallecito	45	67	72	30	103%:	23/	18/	15/	214/:	110%
NVRN5:Navajo	235	264	230	49	74%:	37/	35/	42/	778/:	106%
LEMC2:Lemon	9.8	17.0	23	7.0	105%:	5/	4/	3/	57/:	104%
MPHC2:McPhee	95	130	95	25	111%:	14/	11/	9/	345/:	117%
RBSC2:Ridgway	11.9	20	46	27	106%:	15/	9/	8/	105/:	104%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2017 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 2016	29	2	65	0	65	6495.03	262
H	Sep 2016	26	2	36	21	58	6490.22	229
	WY 2016	**943**	**15**	**739**	**213**	**952**		
I	Oct 2016	57	1	0	57	57	6490.08	228
S	Nov 2016	62	1	0	59	59	6490.44	230
T	Dec 2016	37	1	0	63	63	6486.33	203
O	Jan 2017	45	1	0	63	63	6483.20	184
R	Feb 2017	51	1	0	57	57	6482.06	178
I	Mar 2017	180	1	0	150	150	6486.90	207
C	Apr 2017	225	1	0	304	304	6472.17	128
A	May 2017	430	1	54	373	427	6472.55	129
L	Jun 2017	732	2	74	469	543	6502.49	317
*	Jul 2017	332	3	88	230	319	6503.83	328
	Aug 2017	125	2	102	63	165	6498.24	286
	Sep 2017	80	2	71	0	71	6499.16	293
	WY 2017	**2356**	**15**	**389**	**1888**	**2278**		
	Oct 2017	70	1	74	0	74	6498.49	288
	Nov 2017	63	1	71	0	71	6497.24	279
	Dec 2017	50	1	74	0	74	6493.81	254
	Jan 2018	46	1	74	0	74	6489.53	226
	Feb 2018	40	1	67	0	67	6485.37	198
	Mar 2018	60	1	101	4	105	6477.27	153
	Apr 2018	88	1	94	32	126	6468.78	114
	May 2018	165	1	97	35	132	6475.83	146
	Jun 2018	300	2	101	44	145	6499.95	298
	Jul 2018	190	3	101	41	142	6505.77	344
	Aug 2018	72	2	74	0	74	6505.25	340
	Sep 2018	46	2	71	0	71	6501.77	312
	WY 2018	**1190**	**15**	**999**	**156**	**1155**		
	Oct 2018	49	1	68	0	68	6499.09	292
	Nov 2018	42	1	65	0	65	6495.79	268
	Dec 2018	32	1	68	0	68	6490.57	232
	Jan 2019	30	1	68	0	68	6484.65	194
	Feb 2019	28	1	61	0	61	6478.66	160
	Mar 2019	53	0	85	0	85	6471.78	127
	Apr 2019	85	1	93	4	97	6468.94	115
	May 2019	164	1	96	54	150	6471.90	127
	Jun 2019	299	2	99	56	155	6496.01	270
	Jul 2019	178	3	101	0	101	6505.76	344

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

Model Run ID: 3039

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2017 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 2016	28	64	13	110	0	110	131	6027.55	3255	133
H	Sep 2016	36	67	11	107	0	107	129	6026.27	3207	128
	WY 2016	**1427**	**1437**	**80**	**1406**	**203**	**1609**				**3435**
I	Oct 2016	70	70	7	85	0	85	128	6025.69	3186	119
S	Nov 2016	73	70	4	77	0	77	128	6025.41	3175	112
T	Dec 2016	35	61	2	106	0	106	126	6024.19	3130	136
O	Jan 2017	49	67	2	110	0	110	124	6023.01	3087	155
R	Feb 2017	106	112	2	109	0	109	124	6023.03	3088	189
I	Mar 2017	400	370	3	256	26	282	128	6025.25	3169	408
C	Apr 2017	350	428	5	268	244	511	124	6022.93	3084	745
A	May 2017	582	580	8	278	171	449	129	6026.15	3203	857
L	Jun 2017	895	705	11	263	223	486	137	6031.41	3404	859
*	Jul 2017	387	374	14	180	48	228	142	6034.61	3531	314
	Aug 2017	145	185	13	142	0	142	143	6035.32	3559	162
	Sep 2017	92	83	12	143	0	143	140	6033.62	3491	155
	WY 2017	**3184**	**3105**	**81**	**2017**	**712**	**2729**				**4213**
	Oct 2017	85	89	8	148	0	148	138	6032.00	3427	172
	Nov 2017	84	92	4	143	0	143	136	6030.67	3375	174
	Dec 2017	55	79	2	169	0	169	132	6028.38	3287	194
	Jan 2018	64	92	2	172	0	172	129	6026.29	3208	194
	Feb 2018	64	91	2	156	0	156	127	6024.55	3144	178
	Mar 2018	120	165	3	135	0	135	128	6025.24	3169	202
	Apr 2018	150	188	5	131	0	131	130	6026.59	3220	321
	May 2018	235	202	8	187	0	187	130	6026.78	3227	682
	Jun 2018	360	205	10	164	0	164	131	6027.58	3256	614
	Jul 2018	213	165	13	98	0	98	133	6028.92	3308	176
	Aug 2018	85	87	13	98	0	98	132	6028.31	3284	119
	Sep 2018	55	80	11	95	0	95	131	6027.65	3259	110
	WY 2018	**1570**	**1535**	**80**	**1696**	**0**	**1696**				**3136**
	Oct 2018	59	78	7	98	0	98	130	6026.95	3233	126
	Nov 2018	51	74	3	95	0	95	129	6026.33	3210	125
	Dec 2018	35	71	2	98	0	98	128	6025.56	3181	124
	Jan 2019	40	78	2	98	0	98	127	6024.98	3160	123
	Feb 2019	45	78	2	89	0	89	127	6024.64	3147	117
	Mar 2019	102	135	3	98	0	98	128	6025.51	3179	175
	Apr 2019	134	145	5	95	0	95	130	6026.67	3222	310
	May 2019	245	231	8	153	0	153	132	6028.48	3291	685
	Jun 2019	390	245	11	146	0	146	136	6030.71	3376	566
	Jul 2019	210	133	14	98	0	98	137	6031.23	3397	198

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

Model Run ID: 3039

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2017 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 2016	9	16	9315.75	79
H	Sep 2016	6	14	9310.77	71
	WY 2016	**125**	**125**		
I	Oct 2016	5	6	9310.23	70
S	Nov 2016	4	5	9309.76	70
T	Dec 2016	5	5	9309.56	69
O	Jan 2017	6	5	9309.76	70
R	Feb 2017	4	5	9309.43	69
I	Mar 2017	6	6	9309.23	69
C	Apr 2017	13	9	9312.04	73
A	May 2017	30	19	9318.55	84
L	Jun 2017	62	45	9327.76	102
*	Jul 2017	24	26	9326.95	100
	Aug 2017	12	23	9321.18	89
	Sep 2017	8	18	9315.72	79
	WY 2017	**179**	**171**		
	Oct 2017	8	8	9315.79	79
	Nov 2017	6	6	9315.79	79
	Dec 2017	5	6	9315.21	78
	Jan 2018	5	6	9314.62	77
	Feb 2018	4	6	9313.43	75
	Mar 2018	4	6	9312.22	73
	Apr 2018	7	8	9311.61	72
	May 2018	26	17	9316.94	81
	Jun 2018	42	22	9327.64	101
	Jul 2018	15	22	9324.04	94
	Aug 2018	9	20	9318.07	83
	Sep 2018	7	16	9312.83	74
	WY 2018	**138**	**143**		
	Oct 2018	6	8	9311.88	73
	Nov 2018	5	6	9311.28	72
	Dec 2018	5	6	9310.46	71
	Jan 2019	4	6	9309.42	69
	Feb 2019	4	6	9308.01	67
	Mar 2019	4	6	9306.99	65
	Apr 2019	9	6	9308.78	68
	May 2019	28	20	9313.89	76
	Jun 2019	42	22	9324.82	96
	Jul 2019	20	22	9323.85	94

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

Model Run ID: 3039

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2017 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 2016	57	65	1	110	0	110	7506.94	720
H	Sep 2016	38	46	1	100	0	100	7500.48	665
	WY 2016	**881**	**882**	**9**	**913**	**19**	**934**		
I	Oct 2016	32	33	1	90	0	90	7493.44	608
S	Nov 2016	26	27	0	33	0	33	7492.53	601
T	Dec 2016	26	26	0	35	0	35	7491.43	593
O	Jan 2017	29	28	0	34	0	34	7490.68	587
R	Feb 2017	28	29	0	44	1	44	7488.71	571
I	Mar 2017	70	70	0	69	0	70	7488.71	571
C	Apr 2017	145	140	1	53	0	53	7499.55	658
A	May 2017	244	233	1	151	65	293	7491.98	597
L	Jun 2017	392	373	1	139	35	175	7515.35	793
*	Jul 2017	135	137	2	113	0	110	7518.20	819
	Aug 2017	72	83	1	111	0	111	7515.02	790
	Sep 2017	50	60	1	107	0	107	7509.53	742
	WY 2017	**1248**	**1240**	**9**	**978**	**101**	**1155**		
	Oct 2017	45	45	1	80	0	80	7505.35	706
	Nov 2017	37	37	0	75	0	75	7500.79	668
	Dec 2017	33	34	0	113	0	113	7490.95	589
	Jan 2018	29	30	0	65	0	65	7486.37	553
	Feb 2018	24	26	0	44	0	44	7483.94	535
	Mar 2018	36	38	0	47	0	47	7482.65	525
	Apr 2018	71	72	1	50	0	50	7485.44	546
	May 2018	210	201	1	146	0	146	7492.46	601
	Jun 2018	275	255	1	59	0	59	7515.55	795
	Jul 2018	101	108	2	96	0	96	7516.74	806
	Aug 2018	53	64	1	102	0	102	7512.39	767
	Sep 2018	41	50	1	99	0	99	7506.60	717
	WY 2018	**955**	**960**	**9**	**976**	**0**	**976**		
	Oct 2018	40	42	1	69	0	69	7503.35	689
	Nov 2018	32	33	0	64	0	64	7499.60	658
	Dec 2018	26	27	0	104	0	104	7489.95	581
	Jan 2019	24	26	0	68	0	68	7484.42	539
	Feb 2019	22	25	0	49	0	49	7481.09	514
	Mar 2019	36	38	0	53	0	53	7478.92	498
	Apr 2019	77	74	1	54	0	54	7481.63	518
	May 2019	221	213	1	144	0	144	7490.60	586
	Jun 2019	261	241	1	54	0	54	7512.98	772
	Jul 2019	117	119	2	87	0	87	7516.37	802

* 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 2017 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 2016	58	110	1	111	111	0	111	7153.88	112
H	Sep 2016	39	100	1	100	103	0	103	7150.03	109
	WY 2016	**931**	**934**	**49**	**983**	**972**	**5**	**978**		
I	Oct 2016	33	90	1	91	93	0	93	7146.55	106
S	Nov 2016	28	33	2	36	32	0	35	7147.39	107
T	Dec 2016	27	35	1	36	34	0	34	7150.44	109
O	Jan 2017	30	34	2	36	33	0	33	7153.75	112
R	Feb 2017	29	44	1	45	55	0	55	7140.48	102
I	Mar 2017	74	70	5	74	64	0	68	7148.96	108
C	Apr 2017	157	53	12	66	65	0	65	7149.64	109
A	May 2017	263	293	19	312	203	0	312	7149.70	109
L	Jun 2017	411	175	19	195	184	0	193	7151.34	110
*	Jul 2017	139	110	4	114	37	0	111	7155.13	113
	Aug 2017	77	111	5	116	117	0	117	7153.73	112
	Sep 2017	53	107	3	110	110	0	110	7153.73	112
	WY 2017	**1323**	**1155**	**74**	**1229**	**1028**	**0**	**1225**		
	Oct 2017	48	80	3	83	83	0	83	7153.73	112
	Nov 2017	40	75	3	78	78	0	78	7153.73	112
	Dec 2017	35	113	2	115	115	0	115	7153.73	112
	Jan 2018	31	65	2	67	67	0	67	7153.73	112
	Feb 2018	26	44	2	46	46	0	46	7153.73	112
	Mar 2018	40	47	4	51	51	0	51	7153.73	112
	Apr 2018	81	50	10	60	60	0	60	7153.73	112
	May 2018	230	146	20	166	166	0	166	7153.73	112
	Jun 2018	290	59	15	74	74	0	74	7153.73	112
	Jul 2018	105	96	4	100	100	0	100	7153.73	112
	Aug 2018	56	102	3	105	105	0	105	7153.73	112
	Sep 2018	43	99	2	101	101	0	101	7153.73	112
	WY 2018	**1025**	**976**	**70**	**1046**	**1046**	**0**	**1046**		
	Oct 2018	42	69	2	71	71	0	71	7153.73	112
	Nov 2018	34	64	2	66	66	0	66	7153.73	112
	Dec 2018	28	104	2	106	106	0	106	7153.73	112
	Jan 2019	27	68	2	70	70	0	70	7153.73	112
	Feb 2019	25	49	3	52	52	0	52	7153.73	112
	Mar 2019	40	53	4	57	57	0	57	7153.73	112
	Apr 2019	88	54	11	65	65	0	65	7153.73	112
	May 2019	247	144	26	170	170	0	170	7153.73	112
	Jun 2019	281	54	20	74	74	0	74	7153.73	112
	Jul 2019	123	87	6	93	93	0	93	7153.73	112

* 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 2017 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 2016	62	111	4	114	114	0	114	6749.30	16	62	53
H	Sep 2016	42	103	3	106	106	1	107	6747.05	15	59	47
	WY 2016	**1038**	**978**	**107**	**1085**	**811**	**243**	**1084**			**384**	**724**
I	Oct 2016	37	93	4	97	97	0	97	6747.92	15	57	39
S	Nov 2016	31	35	3	38	37	0	37	6750.47	16	1	36
T	Dec 2016	31	34	4	38	36	1	37	6751.45	17	0	37
O	Jan 2017	35	33	4	37	36	2	37	6750.29	16	1	37
R	Feb 2017	34	55	4	59	56	4	60	6749.56	16	0	60
I	Mar 2017	81	68	6	74	0	73	73	6752.06	17	8	66
C	Apr 2017	167	65	10	75	31	44	75	6751.65	17	39	38
A	May 2017	285	312	22	334	86	73	331	6759.83	19	62	271
L	Jun 2017	446	193	36	229	44	127	231	6751.78	17	61	172
*	Jul 2017	148	111	8	119	96	25	121	6746.24	15	63	60
	Aug 2017	82	117	5	122	120	0	120	6753.04	17	65	55
	Sep 2017	59	110	6	116	116	0	116	6753.04	17	55	61
	WY 2017	**1435**	**1225**	**112**	**1338**	**753**	**349**	**1336**			**412**	**931**
	Oct 2017	55	83	7	90	90	0	90	6753.04	17	30	60
	Nov 2017	45	78	5	83	83	0	83	6753.04	17	0	83
	Dec 2017	40	115	5	120	120	0	120	6753.04	17	0	120
	Jan 2018	37	67	6	73	73	0	73	6753.04	17	0	73
	Feb 2018	30	46	4	50	50	0	50	6753.04	17	0	50
	Mar 2018	46	51	6	57	57	0	57	6753.04	17	5	52
	Apr 2018	92	60	11	71	71	0	71	6753.04	17	30	41
	May 2018	260	166	30	196	134	61	196	6753.04	17	55	141
	Jun 2018	325	74	35	109	109	0	109	6753.04	17	60	49
	Jul 2018	116	100	11	111	111	0	111	6753.04	17	65	46
	Aug 2018	62	105	6	111	111	0	111	6753.04	17	65	46
	Sep 2018	49	101	6	107	107	0	107	6753.04	17	55	52
	WY 2018	**1157**	**1046**	**132**	**1178**	**1117**	**61**	**1178**			**365**	**813**
	Oct 2018	48	71	6	77	77	0	77	6753.04	17	30	47
	Nov 2018	39	66	5	71	71	0	71	6753.04	17	0	71
	Dec 2018	32	106	5	111	111	0	111	6753.04	17	0	111
	Jan 2019	31	70	5	75	75	0	75	6753.04	17	0	75
	Feb 2019	29	52	4	56	56	0	56	6753.04	17	0	56
	Mar 2019	46	57	6	63	63	0	63	6753.04	17	5	58
	Apr 2019	101	65	12	77	77	0	77	6753.04	17	30	47
	May 2019	281	170	34	204	134	70	204	6753.04	17	55	149
	Jun 2019	315	74	34	108	108	0	108	6753.04	17	60	48
	Jul 2019	138	93	14	108	108	0	108	6753.04	17	65	43

* 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 2017 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 2016	15	33	7648.82	84
H	Sep 2016	14	27	7643.21	71
	WY 2016	**269**	**270**		
I	Oct 2016	11	8	7644.63	74
S	Nov 2016	6	2	7646.51	79
T	Dec 2016	6	2	7647.98	82
O	Jan 2017	7	5	7648.89	84
R	Feb 2017	7	15	7645.42	76
I	Mar 2017	24	24	7645.75	77
C	Apr 2017	45	35	7649.82	87
A	May 2017	67	44	7658.86	109
L	Jun 2017	72	57	7664.54	124
*	Jul 2017	30	39	7660.94	115
	Aug 2017	23	37	7655.23	100
	Sep 2017	18	30	7650.38	88
	WY 2017	**317**	**297**		
	Oct 2017	15	17	7649.37	85
	Nov 2017	9	3	7651.87	92
	Dec 2017	7	3	7653.51	96
	Jan 2018	6	3	7654.73	99
	Feb 2018	4	2	7655.30	100
	Mar 2018	7	2	7657.25	105
	Apr 2018	20	5	7663.01	120
	May 2018	61	61	7663.01	120
	Jun 2018	67	62	7664.64	124
	Jul 2018	27	42	7658.93	109
	Aug 2018	17	38	7650.44	88
	Sep 2018	15	30	7644.02	73
	WY 2018	**255**	**266**		
	Oct 2018	14	17	7642.57	70
	Nov 2018	8	2	7645.46	76
	Dec 2018	6	2	7647.37	81
	Jan 2019	5	2	7648.84	84
	Feb 2019	5	2	7650.09	87
	Mar 2019	9	2	7652.78	94
	Apr 2019	23	2	7661.08	115
	May 2019	71	68	7662.32	118
	Jun 2019	70	65	7664.23	123
	Jul 2019	29	42	7659.18	110

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2017 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 2016	30	4	45	4	33	35	6059.16	1337	56
H	Sep 2016	21	1	33	3	27	30	6056.98	1310	41
	WY 2016	**863**	**96**	**769**	**29**	**169**	**653**			**1077**
I	Oct 2016	27	0	24	2	5	27	6056.19	1300	46
S	Nov 2016	24	0	19	1	0	22	6055.87	1296	43
T	Dec 2016	25	0	22	1	0	20	6055.92	1297	40
O	Jan 2017	34	0	31	1	0	22	6056.65	1306	39
R	Feb 2017	55	1	62	1	1	27	6059.31	1339	48
I	Mar 2017	176	17	159	2	6	30	6068.54	1460	89
C	Apr 2017	235	33	192	3	19	33	6078.18	1598	137
A	May 2017	262	45	195	4	25	228	6073.94	1536	315
L	Jun 2017	230	46	166	5	40	259	6063.90	1398	458
*	Jul 2017	49	11	47	4	43	38	6061.00	1361	93
	Aug 2017	37	2	50	4	39	35	6058.75	1332	70
	Sep 2017	35	1	46	3	22	29	6058.12	1324	58
	WY 2017	**1189**	**156**	**1013**	**28**	**201**	**769**			**1436**
	Oct 2017	42	2	42	2	8	22	6058.91	1334	48
	Nov 2017	37	1	30	1	1	21	6059.52	1342	39
	Dec 2017	27	0	23	1	1	22	6059.52	1342	37
	Jan 2018	24	0	21	1	0	22	6059.41	1340	36
	Feb 2018	27	0	25	1	0	19	6059.81	1345	30
	Mar 2018	74	3	66	2	5	22	6062.76	1383	40
	Apr 2018	144	16	113	3	21	21	6067.92	1452	66
	May 2018	270	38	232	4	35	201	6067.29	1444	343
	Jun 2018	200	31	164	4	51	238	6057.31	1314	371
	Jul 2018	44	6	53	4	56	29	6054.39	1278	84
	Aug 2018	35	1	55	3	47	37	6051.66	1245	69
	Sep 2018	36	1	50	3	26	30	6050.96	1237	56
	WY 2018	**960**	**98**	**873**	**27**	**251**	**682**			**1217**
	Oct 2018	42	2	43	2	10	22	6051.83	1247	46
	Nov 2018	32	1	24	1	0	21	6052.05	1250	38
	Dec 2018	25	0	20	1	0	22	6051.91	1248	37
	Jan 2019	22	0	18	1	0	22	6051.60	1244	35
	Feb 2019	30	0	27	1	0	19	6052.17	1251	32
	Mar 2019	92	2	83	2	5	22	6056.67	1306	44
	Apr 2019	170	15	134	2	21	21	6063.72	1396	73
	May 2019	277	37	236	4	36	201	6063.40	1392	347
	Jun 2019	224	31	187	4	52	246	6054.28	1277	397
	Jul 2019	66	6	73	4	57	28	6052.99	1261	95

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2017 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 2016	253	432	56	900	0	900	3613.55	5101	13091	914
H	Sep 2016	281	461	50	699	0	699	3610.93	5080	12824	712
	WY 2016	**9616**	**9909**	**378**	**9000**	**0**	**9000**				**9117**
I	Oct 2016	381	477	35	601	0	601	3609.48	5068	12678	610
S	Nov 2016	383	389	33	624	126	750	3605.81	5039	12313	754
T	Dec 2016	300	366	26	898	0	898	3600.49	4997	11797	913
O	Jan 2017	359	415	8	880	0	880	3595.86	4962	11359	900
R	Feb 2017	555	565	8	711	0	711	3594.33	4951	11217	720
I	Mar 2017	1112	895	14	722	0	722	3595.91	4963	11364	730
C	Apr 2017	1608	1494	23	623	0	623	3604.14	5026	12149	629
A	May 2017	2377	2321	29	652	0	652	3619.09	5147	13667	658
L	Jun 2017	3115	2680	51	749	0	749	3634.89	5286	15408	763
*	Jul 2017	1073	889	64	850	0	850	3634.69	5284	15385	875
	Aug 2017	550	624	63	900	0	900	3631.94	5259	15071	914
	Sep 2017	420	545	57	663	0	663	3630.49	5246	14908	672
	WY 2017	**12234**	**11660**	**410**	**8874**	**126**	**9000**				**9137**
	Oct 2017	510	598	40	630	0	630	3629.90	5241	14842	636
	Nov 2017	490	572	38	630	0	630	3629.11	5234	14753	634
	Dec 2017	370	559	30	740	0	740	3627.34	5218	14557	746
	Jan 2018	360	502	9	860	0	860	3624.23	5191	14217	866
	Feb 2018	390	494	10	750	0	750	3621.95	5171	13971	752
	Mar 2018	590	572	17	800	0	800	3619.82	5153	13745	805
	Apr 2018	900	774	26	700	0	700	3620.24	5157	13788	708
	May 2018	2000	1892	32	700	0	700	3630.08	5243	14862	706
	Jun 2018	2600	2308	54	760	0	760	3642.05	5353	16246	766
	Jul 2018	800	726	67	860	0	860	3640.49	5339	16061	875
	Aug 2018	400	512	65	900	0	900	3636.91	5305	15641	914
	Sep 2018	350	469	59	670	0	670	3634.82	5286	15400	679
	WY 2018	**9760**	**9978**	**447**	**9000**	**0**	**9000**				**9086**
	Oct 2018	464	522	41	640	0	640	3633.54	5274	15254	646
	Nov 2018	450	516	39	640	0	640	3632.22	5262	15103	644
	Dec 2018	363	501	31	720	0	720	3630.17	5243	14872	726
	Jan 2019	361	463	10	860	0	860	3626.78	5213	14495	866
	Feb 2019	393	453	10	750	0	750	3624.18	5191	14211	752
	Mar 2019	665	615	17	800	0	800	3622.45	5176	14024	805
	Apr 2019	1056	880	27	710	0	710	3623.68	5186	14157	718
	May 2019	2343	2170	33	710	0	710	3635.50	5292	15478	716
	Jun 2019	2666	2320	56	750	0	750	3647.28	5404	16880	756
	Jul 2019	1091	973	69	850	0	850	3647.69	5408	16930	865

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2017 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Aug 2016		107	69	701	11.4	28	700	625	1075.17	9615
H	Sep 2016		88	57	702	11.8	22	701	625	1075.23	9620
	WY 2016		**798**	**531**	**9293**		**224**	**9282**			
I	Oct 2016		78	42	518	8.4	23	517	631	1076.34	9710
S	Nov 2016		77	42	751	12.6	16	750	632	1076.55	9727
T	Dec 2016		63	36	542	8.8	8	536	655	1080.82	10079
O	Jan 2017		128	30	500	8.1	7	494	684	1086.08	10521
R	Feb 2017		150	28	488	8.8	7	487	704	1089.78	10838
I	Mar 2017		97	32	911	14.8	16	910	696	1088.26	10707
C	Apr 2017		92	39	961	16.1	20	960	677	1084.89	10420
A	May 2017		39	44	917	14.9	29	915	659	1081.56	10141
L	Jun 2017		18	53	864	14.5	30	864	648	1079.52	9971
*	Jul 2017		88	66	885	14.4	30	885	646	1079.03	9931
	Aug 2017		127	71	653	10.6	31	653	662	1082.11	10187
	Sep 2017		110	59	649	10.9	28	649	665	1082.55	10224
	WY 2017		**1068**	**541**	**8638**		**245**	**8619**			
	Oct 2017		71	43	696	11.3	23	696	661	1081.87	10166
	Nov 2017		65	43	647	10.9	15	647	660	1081.77	10158
	Dec 2017		51	37	592	9.6	11	592	669	1083.46	10299
	Jan 2018		64	30	712	11.6	10	712	680	1085.35	10459
	Feb 2018		72	28	609	11.0	12	609	690	1087.27	10622
	Mar 2018		46	31	1036	16.9	20	1036	676	1084.59	10395
	Apr 2018		39	38	1092	18.4	27	1092	650	1079.90	10002
	May 2018		26	44	966	15.7	32	966	631	1076.30	9706
	Jun 2018		10	52	866	14.5	33	866	620	1074.21	9537
	Jul 2018		77	65	828	13.5	36	828	620	1074.31	9545
	Aug 2018		127	69	770	12.5	34	770	630	1076.09	9690
	Sep 2018		110	57	697	11.7	31	697	630	1076.04	9686
	WY 2018		**757**	**536**	**9511**		**282**	**9511**			
	Oct 2018		71	42	489	8.0	26	489	639	1077.81	9830
	Nov 2018		65	42	632	10.6	18	632	640	1077.95	9842
	Dec 2018		51	36	587	9.6	14	587	648	1079.47	9967
	Jan 2019		64	30	716	11.7	10	716	658	1081.36	10124
	Feb 2019		72	28	610	11.0	12	610	669	1083.30	10286
	Mar 2019		46	31	1042	16.9	20	1042	654	1080.52	10054
	Apr 2019		39	38	1097	18.4	27	1097	628	1075.81	9667
	May 2019		26	43	973	15.8	32	973	609	1072.19	9374
	Jun 2019		10	51	873	14.7	33	873	597	1069.87	9189
	Jul 2019		77	64	834	13.6	36	834	597	1069.80	9184

* 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 2017 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 2016	701	-12	23	714	0	714	11.6	642.00	1671
H	Sep 2016	702	-18	18	711	0	711	11.9	640.34	1627
	WY 2016	**9293**	**-195**	**198**	**8879**	**0**	**8879**			
I	Oct 2016	518	-7	15	640	0	640	10.4	634.86	1482
S	Nov 2016	751	-29	11	574	0	574	9.6	640.09	1620
T	Dec 2016	542	-17	9	482	0	482	7.8	641.31	1653
O	Jan 2017	500	-23	10	408	0	408	6.6	643.47	1712
R	Feb 2017	488	-13	10	486	0	486	8.7	642.70	1690
I	Mar 2017	911	-27	13	844	0	844	13.7	643.70	1718
C	Apr 2017	961	-23	17	955	0	955	16.1	642.45	1684
A	May 2017	917	-13	22	846	0	846	13.8	643.74	1719
L	Jun 2017	864	-6	25	853	0	853	14.3	643.01	1699
*	Jul 2017	885	-5	26	809	0	809	13.2	644.65	1744
	Aug 2017	653	-12	23	676	0	676	11.0	642.50	1685
	Sep 2017	649	-11	18	700	0	700	11.8	639.51	1604
	WY 2017	**8638**	**-188**	**199**	**8274**	**0**	**8274**			
	Oct 2017	696	-4	15	744	0	744	12.1	637.00	1538
	Nov 2017	647	-11	10	625	0	625	10.5	637.00	1538
	Dec 2017	592	-10	9	528	0	528	8.6	638.71	1583
	Jan 2018	712	-19	10	601	0	601	9.8	641.80	1666
	Feb 2018	609	-16	10	583	0	583	10.5	641.80	1666
	Mar 2018	1036	-16	13	973	0	973	15.8	643.05	1700
	Apr 2018	1092	-20	17	1057	0	1057	17.8	643.00	1699
	May 2018	966	-13	22	931	0	931	15.1	643.00	1699
	Jun 2018	866	-18	25	850	0	850	14.3	642.00	1671
	Jul 2018	828	-16	25	800	0	800	13.0	641.50	1658
	Aug 2018	770	-12	23	735	0	735	12.0	641.50	1658
	Sep 2018	697	-11	18	708	0	708	11.9	640.01	1617
	WY 2018	**9511**	**-166**	**197**	**9134**	**0**	**9134**			
	Oct 2018	489	-4	15	653	0	653	10.6	633.00	1434
	Nov 2018	632	-11	10	560	0	560	9.4	635.00	1486
	Dec 2018	587	-10	9	471	0	471	7.7	638.71	1583
	Jan 2019	716	-19	10	605	0	605	9.8	641.80	1666
	Feb 2019	610	-16	10	585	0	585	10.5	641.80	1666
	Mar 2019	1042	-16	13	978	0	978	15.9	643.05	1700
	Apr 2019	1097	-20	17	1062	0	1062	17.8	643.00	1699
	May 2019	973	-13	22	938	0	938	15.3	643.00	1699
	Jun 2019	873	-18	25	857	0	857	14.4	642.00	1671
	Jul 2019	834	-16	25	807	0	807	13.1	641.50	1658

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2017 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)
*	Aug 2016	714	23	17	570	9.3	85	65	448.50	590	99	1.6
H	Sep 2016	711	14	15	490	8.2	89	134	447.97	579	92	1.5
	WY 2016	**8879**	**225**	**140**	**6360**		**1057**	**1467**			**1496**	
I	Oct 2016	640	36	12	466	7.6	80	133	446.90	559	61	1.0
S	Nov 2016	574	21	9	374	6.3	78	140	446.33	549	97	1.6
T	Dec 2016	482	26	7	271	4.4	86	118	447.64	573	112	1.8
O	Jan 2017	408	33	6	244	4.0	68	126	447.29	567	126	2.1
R	Feb 2017	486	15	8	393	7.1	13	62	448.30	586	160	2.9
I	Mar 2017	844	11	9	687	11.2	24	136	447.83	577	203	3.3
C	Apr 2017	955	13	11	729	12.3	42	160	448.73	594	181	3.0
A	May 2017	846	22	13	634	10.3	44	175	448.31	586	111	1.8
L	Jun 2017	853	1	15	689	11.6	58	79	448.41	588	126	2.1
*	Jul 2017	809	18	17	666	10.8	58	71	448.63	592	131	2.1
	Aug 2017	676	25	17	547	8.9	57	72	448.50	590	100	1.6
	Sep 2017	700	20	15	524	8.8	55	136	447.50	571	89	1.5
	WY 2017	**8274**	**241**	**140**	**6224**		**663**	**1409**			**1497**	
	Oct 2017	744	28	12	496	8.1	112	144	447.50	571	69	1.1
	Nov 2017	625	19	9	410	6.9	110	109	447.50	571	102	1.7
	Dec 2017	528	19	7	333	5.4	112	109	446.50	552	109	1.8
	Jan 2018	601	17	6	361	5.9	90	157	446.50	552	138	2.2
	Feb 2018	583	10	8	482	8.7	24	73	446.50	552	160	2.9
	Mar 2018	973	7	9	717	11.7	90	152	446.70	555	198	3.2
	Apr 2018	1057	19	11	745	12.5	88	183	448.70	593	175	2.9
	May 2018	931	15	13	643	10.5	90	188	448.70	593	104	1.7
	Jun 2018	850	15	16	676	11.4	88	73	448.70	593	105	1.8
	Jul 2018	800	26	17	646	10.5	90	73	448.00	580	111	1.8
	Aug 2018	735	25	17	579	9.4	90	73	447.50	571	100	1.6
	Sep 2018	708	20	15	515	8.7	32	157	447.50	570	89	1.5
	WY 2018	**9134**	**220**	**139**	**6604**		**1015**	**1491**			**1461**	
	Oct 2018	653	28	12	489	8.0	26	146	447.50	571	74	1.2
	Nov 2018	560	19	9	392	6.6	25	146	447.50	571	116	1.9
	Dec 2018	471	19	7	325	5.3	26	146	446.50	552	131	2.1
	Jan 2019	605	17	6	359	5.8	95	157	446.50	552	138	2.2
	Feb 2019	585	10	8	481	8.7	26	73	446.50	552	160	2.9
	Mar 2019	978	7	9	717	11.7	95	152	446.70	555	198	3.2
	Apr 2019	1062	19	11	745	12.5	93	183	448.70	593	175	2.9
	May 2019	938	15	13	645	10.5	95	188	448.70	593	104	1.7
	Jun 2019	857	15	16	678	11.4	93	73	448.70	593	105	1.8
	Jul 2019	807	26	17	648	10.5	95	73	448.00	580	111	1.8

* 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 2017 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 2016	701	11.4	1075.17	9615	196	431.00	1549.0	265.2	100	378.4
H	Sep 2016	702	11.8	1075.23	9620	5	429.97	1539.0	266.3	100	379.1
	WY 2016	**9293**							**3596.9**		
I	Oct 2016	518	8.4	1076.34	9710	90	438.10	1335.0	195.2	87	377.1
S	Nov 2016	751	12.6	1076.55	9727	17	427.42	1072.0	290.6	80	386.7
T	Dec 2016	542	8.8	1080.82	10079	352	438.26	1103.0	207.3	71	382.3
O	Jan 2017	500	8.1	1086.08	10521	442	442.12	857.0	192.4	55	384.9
R	Feb 2017	488	8.8	1089.78	10838	317	446.75	938.0	190.4	58	390.4
I	Mar 2017	911	14.8	1088.26	10707	-131	440.44	1291.1	362.0	79	397.2
C	Apr 2017	961	16.1	1084.89	10420	-287	439.75	1227.0	381.0	76	396.5
A	May 2017	917	14.9	1081.56	10141	-280	434.83	1307.0	360.6	80	393.4
L	Jun 2017	864	14.5	1079.52	9971	-169	433.52	1500.0	335.0	94	387.5
*	Jul 2017	885	14.4	1079.03	9931	-40	432.24	1499.0	341.1	94	385.5
	Aug 2017	653	10.6	1082.11	10187	256	427.41	1478.1	247.7	93	379.5
	Sep 2017	649	10.9	1082.55	10224	37	430.13	1587.0	248.0	100	382.4
	WY 2017	**8638**							**3351.2**		
	Oct 2017	696	11.3	1081.87	10166	-57	435.94	978.9	275.9	61	396.2
	Nov 2017	647	10.9	1081.77	10158	-8	437.01	882.9	256.7	56	397.0
	Dec 2017	592	9.6	1083.46	10299	142	437.65	824.9	235.6	52	398.0
	Jan 2018	712	11.6	1085.35	10459	160	436.05	1102.0	281.7	69	395.4
	Feb 2018	609	11.0	1087.27	10622	163	436.24	1214.0	238.1	75	391.3
	Mar 2018	1036	16.9	1084.59	10395	-227	434.71	1311.1	409.5	82	395.1
	Apr 2018	1092	18.4	1079.90	10002	-393	430.70	1285.0	432.5	82	396.1
	May 2018	966	15.7	1076.30	9706	-296	425.20	1472.0	373.3	95	386.4
	Jun 2018	866	14.5	1074.21	9537	-170	422.14	1542.0	328.3	100	379.3
	Jul 2018	828	13.5	1074.31	9545	9	421.65	1542.0	317.9	100	384.0
	Aug 2018	770	12.5	1076.09	9690	144	422.75	1553.0	294.4	100	382.2
	Sep 2018	697	11.7	1076.04	9686	-4	424.09	1553.0	265.3	100	380.6
	WY 2018	**9511**							**3709.1**		
	Oct 2018	489	8.0	1077.81	9830	145	429.13	1258.1	189.7	80	388.0
	Nov 2018	632	10.6	1077.95	9842	12	432.37	1259.0	243.8	81	385.5
	Dec 2018	587	9.6	1079.47	9967	125	432.02	1166.0	227.6	74	387.4
	Jan 2019	716	11.7	1081.36	10124	157	431.38	1192.3	279.6	75	390.2
	Feb 2019	610	11.0	1083.30	10286	162	431.61	1297.9	235.8	81	386.4
	Mar 2019	1042	16.9	1080.52	10054	-232	430.06	1392.7	405.6	88	389.4
	Apr 2019	1097	18.4	1075.81	9667	-388	426.06	1353.5	428.3	87	390.4
	May 2019	973	15.8	1072.19	9374	-292	420.58	1534.2	371.4	100	381.6
	Jun 2019	873	14.7	1069.87	9189	-185	417.96	1521.2	328.0	100	375.8
	Jul 2019	834	13.6	1069.80	9184	-6	417.27	1520.7	317.3	100	380.3

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2017 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 2016	714	11.6	642.00	1671	-48	142.46	255.0	91.6	100	128.4
H	Sep 2016	711	11.9	640.34	1627	-45	138.91	255.0	90.5	100	127.3
	WY 2016	**8879**							**1129.0**		
I	Oct 2016	640	10.4	634.86	1482	-144	135.70	201.5	79.3	79	123.8
S	Nov 2016	574	9.6	640.09	1620	138	140.91	170.9	71.1	67	123.8
T	Dec 2016	482	7.8	641.31	1653	33	138.48	168.3	61.4	66	127.3
O	Jan 2017	408	6.6	643.47	1712	59	143.95	164.5	54.6	65	133.8
R	Feb 2017	486	8.7	642.70	1690	-21	141.54	162.1	63.8	64	131.4
I	Mar 2017	844	13.7	643.70	1718	28	141.08	194.1	109.6	76	129.9
C	Apr 2017	955	16.1	642.45	1684	-34	138.31	204.0	131.0	80	137.2
A	May 2017	846	13.8	643.74	1719	35	142.74	232.0	108.4	91	128.1
L	Jun 2017	853	14.3	643.01	1699	-20	141.59	255.0	107.4	100	126.0
*	Jul 2017	809	13.2	644.65	1744	45	143.65	255.0	101.5	100	125.5
	Aug 2017	676	11.0	642.50	1685	-59	136.62	255.0	86.0	100	127.1
	Sep 2017	700	11.8	639.51	1604	-81	133.95	255.0	87.2	100	124.6
	WY 2017	**8274**							**1061.4**		
	Oct 2017	744	12.1	637.00	1538	-66	132.58	202.3	90.7	79	122.0
	Nov 2017	625	10.5	637.00	1538	0	132.33	170.0	75.9	67	121.4
	Dec 2017	528	8.6	638.71	1583	45	133.30	167.8	64.9	66	122.9
	Jan 2018	601	9.8	641.80	1666	83	134.43	210.6	74.8	83	124.6
	Feb 2018	583	10.5	641.80	1666	0	136.73	187.6	73.3	74	125.7
	Mar 2018	973	15.8	643.05	1700	34	137.26	190.8	121.1	75	124.5
	Apr 2018	1057	17.8	643.00	1699	-2	136.07	255.0	131.5	100	124.5
	May 2018	931	15.1	643.00	1699	0	136.04	255.0	116.6	100	125.2
	Jun 2018	850	14.3	642.00	1671	-27	135.51	255.0	106.3	100	125.1
	Jul 2018	800	13.0	641.50	1658	-14	134.73	255.0	99.8	100	124.8
	Aug 2018	735	12.0	641.50	1658	0	134.46	255.0	91.9	100	124.9
	Sep 2018	708	11.9	640.01	1617	-40	133.68	255.0	88.0	100	124.3
	WY 2018	**9134**							**1134.8**		
	Oct 2018	653	10.6	633.00	1434	-183	130.74	202.3	79.0	79	120.9
	Nov 2018	560	9.4	635.00	1486	51	129.19	170.0	66.7	67	119.1
	Dec 2018	471	7.7	638.71	1583	97	132.25	167.8	57.7	66	122.4
	Jan 2019	605	9.8	641.80	1666	83	134.43	210.6	75.3	83	124.6
	Feb 2019	585	10.5	641.80	1666	0	136.73	187.6	73.5	74	125.7
	Mar 2019	978	15.9	643.05	1700	34	137.26	190.8	121.7	75	124.5
	Apr 2019	1062	17.8	643.00	1699	-2	136.07	255.0	132.1	100	124.5
	May 2019	938	15.3	643.00	1699	0	136.04	255.0	117.5	100	125.2
	Jun 2019	857	14.4	642.00	1671	-27	135.51	255.0	107.1	100	125.0
	Jul 2019	807	13.1	641.50	1658	-14	134.73	255.0	100.6	100	124.8

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2017 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 2016	570	9.3	448.50	590	-10	82.60	120.0	40.2	100	70.7
H	Sep 2016	490	8.2	447.97	579	-10	82.24	120.0	34.7	100	70.9
	WY 2016	**6345**							**447.6**		
I	Oct 2016	466	7.6	446.90	559	-20	78.88	93.6	32.8	78	70.5
S	Nov 2016	374	6.3	446.33	549	-11	80.55	90.0	26.0	75	69.6
T	Dec 2016	271	4.4	447.64	573	24	83.20	117.6	17.9	98	65.9
O	Jan 2017	244	4.0	447.29	567	-6	81.95	93.9	16.2	78	66.5
R	Feb 2017	393	7.1	448.30	586	19	82.67	90.0	27.9	75	71.0
I	Mar 2017	687	11.2	447.83	577	-9	79.98	90.0	48.8	75	71.1
C	Apr 2017	729	12.3	448.73	594	17	80.51	120.0	51.3	100	70.3
A	May 2017	634	10.3	448.31	586	-8	82.36	120.0	44.8	100	70.6
L	Jun 2017	689	11.6	448.41	588	2	80.56	120.0	48.1	100	69.9
*	Jul 2017	666	10.8	448.63	592	4	82.74	120.0	46.5	100	69.9
	Aug 2017	547	8.9	448.50	590	-2	75.92	120.0	36.0	100	65.8
	Sep 2017	524	8.8	447.50	571	-19	76.57	94.0	34.9	78	66.5
	WY 2017	**6224**							**431.3**		
	Oct 2017	496	8.1	447.50	571	0	74.97	118.1	32.2	98	64.9
	Nov 2017	410	6.9	447.50	571	0	76.29	90.0	26.9	75	65.6
	Dec 2017	333	5.4	446.50	552	-19	75.66	92.9	21.4	77	64.2
	Jan 2018	361	5.9	446.50	552	0	74.29	111.3	22.9	93	63.5
	Feb 2018	482	8.7	446.50	552	0	74.73	101.8	31.3	85	65.0
	Mar 2018	717	11.7	446.70	555	4	74.69	104.5	47.1	87	65.6
	Apr 2018	745	12.5	448.70	593	38	75.08	120.0	49.1	100	65.9
	May 2018	643	10.5	448.70	593	0	76.05	120.0	42.7	100	66.3
	Jun 2018	676	11.4	448.70	593	0	76.05	120.0	44.9	100	66.5
	Jul 2018	646	10.5	448.00	580	-13	75.71	120.0	42.7	100	66.1
	Aug 2018	579	9.4	447.50	571	-9	75.13	120.0	37.9	100	65.4
	Sep 2018	515	8.7	447.50	570	0	74.89	120.0	33.5	100	65.0
	WY 2018	**6604**							**432.6**		
	Oct 2018	489	8.0	447.50	571	0	75.85	98.7	32.1	82	65.7
	Nov 2018	392	6.6	447.50	571	0	75.83	99.0	25.5	83	65.0
	Dec 2018	325	5.3	446.50	552	-19	74.40	120.0	20.5	100	63.1
	Jan 2019	359	5.8	446.50	552	0	75.02	95.8	23.0	80	64.1
	Feb 2019	481	8.7	446.50	552	0	75.21	92.1	31.5	77	65.5
	Mar 2019	717	11.7	446.70	555	4	74.05	119.0	46.6	99	65.0
	Apr 2019	745	12.5	448.70	593	38	75.08	120.0	49.1	100	65.9
	May 2019	645	10.5	448.70	593	0	76.05	120.0	42.8	100	66.3
	Jun 2019	678	11.4	448.70	593	0	76.05	120.0	45.1	100	66.5
	Jul 2019	648	10.5	448.00	580	-13	75.71	120.0	42.8	100	66.1

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2017 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 2016	408	44	33	39	22	6
H	Sep 2016	315	42	30	36	20	3
	Summer 2016	**2111**	**276**	**166**	**218**	**116**	**34**
I	Oct 2016	269	33	26	33	19	0
S	Nov 2016	277	30	9	11	6	0
T	Dec 2016	395	41	10	11	6	0
O	Jan 2017	385	43	10	11	5	0
R	Feb 2017	307	43	13	19	10	0
I	Mar 2017	312	97	19	22	0	0
	Winter 2017	**1945**	**289**	**87**	**107**	**46**	**0**
C	Apr 2017	270	102	15	22	6	0
A	May 2017	291	105	43	72	17	4
L	Jun 2017	346	102	40	66	8	6
*	Jul 2017	399	71	35	13	18	8
	Aug 2017	381	53	35	42	20	10
	Sep 2017	279	53	33	40	20	6
	Summer 2017	**1966**	**485**	**201**	**255**	**90**	**34**
	Oct 2017	265	54	25	30	16	7
	Nov 2017	265	53	23	28	14	6
	Dec 2017	310	62	34	41	21	6
	Jan 2018	359	63	19	24	13	6
	Feb 2018	311	57	13	17	9	5
	Mar 2018	331	49	14	18	10	8
	Winter 2018	**1840**	**338**	**127**	**159**	**82**	**39**
	Apr 2018	289	48	15	22	12	6
	May 2018	291	68	43	60	23	7
	Jun 2018	323	60	18	27	19	8
	Jul 2018	369	36	30	36	19	10
	Aug 2018	385	36	32	38	19	7
	Sep 2018	285	35	31	36	19	7
	Summer 2018	**1942**	**283**	**168**	**218**	**111**	**45**
	Oct 2018	271	36	21	25	13	6
	Nov 2018	271	35	19	24	12	6
	Dec 2018	303	36	31	38	19	6
	Jan 2019	360	36	20	25	13	6
	Feb 2019	312	32	14	19	10	5
	Mar 2019	332	36	15	21	11	6
	Winter 2019	**1518**	**175**	**105**	**131**	**67**	**28**
	Apr 2019	295	35	15	23	13	6
	May 2019	298	56	42	61	23	6
	Jun 2019	322	54	16	27	19	8
	Jul 2019	369	36	27	34	19	9

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
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August 2017 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 2017						17446	26965						17446	26965	1500	653	0	33.7
Sep 2017						17190	27094						17190	27094	2270	649	0	33.4
Oct 2017						17153	27338						17153	27338	3040	696	0	33.1
Nov 2017						17211	27556						17211	27556	3810	647	0	32.9
Dec 2017						17219	27744						17219	27744	4580	592	0	32.7
Jan 2018						17078	27990						17078	27990	5350	712	0	32.4
								****EFFECTIVE SPACE****										
Jan 2018						17078	27990						17078	27366	5350	712	0	32.4
Feb 2018						16918	28315						16918	27691	1500	609	0	32.2
Mar 2018						16755	28503						16755	27880	1500	1036	0	31.8
Apr 2018						16982	28948						16982	28314	1500	1092	0	31.6
May 2018						17375	29196						17375	28531	1500	966	0	32.5
Jun 2018						17671	28334						17671	27612	1500	866	0	33.9
Jul 2018						17840	26872						17840	26060	1500	828	0	33.8
								****CREDITABLE SPACE****										
Aug 2018						17832	26978						17832	26978	1500	770	0	33.4
Sep 2018						17687	27352						17687	27352	2270	697	0	33.0
Oct 2018						17691	27708						17691	27708	3040	489	0	32.8
Nov 2018						17547	27773						17547	27773	3810	632	0	32.6
Dec 2018						17535	27988						17535	27988	4580	587	0	32.4
Jan 2019						17410	28237						17410	28237	5350	716	0	32.2
								****EFFECTIVE SPACE****										
Jan 2019						17410	28237						17410	27697	5350	716	0	32.2
Feb 2019						17253	28563						17253	28021	1500	610	0	32.0
Mar 2019						17091	28750						17091	28204	1500	1042	0	31.6
Apr 2019						17323	29130						17323	28573	1500	1097	0	31.6
May 2019						17710	29244						17710	28656	1500	973	0	32.8
Jun 2019						18003	28071						18003	27426	1500	873	0	34.3
Jul 2019						18188	26554						18188	25816	1500	834	0	34.4

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