July 24-Month Study
Date: July 13, 2017

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

Current Reservoir Status

Reservoir	June Inflow (unregulated) (acre-feet)	Percent of Average (%)	July 11, Midnight Elevation (feet)	July 11, Midnight Reservoir Storage (acre-feet)
Fontenelle	732,000	245	6,501.42	309,000
Flaming Gorge	895,000	230	6,032.37	3,441,000
Blue Mesa	392,000	150	7,516.29	801,000
Navajo	230,000	104	6,062.50	1,380,000
Powell	3,115,000	117	3,635.74	15,506,000

Expected Operations

The operation of Lake Powell and Lake Mead in this July 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 July 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 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 6501 feet, which amounts to 89 percent of live storage capacity. Inflows for the month of June totaled 732,400 acre-feet (af), or 241 percent of average. Above average inflows are continuing to occur. Releases are currently set at 5,600 cubic feet per second (cfs) (07/10/2017).

The Colorado Basin River Forecast Center has forecasted summer and fall inflows that are above average. July, August, and September forecasted inflow volumes amount to 338,000 af (179 percent of average), 125,000 af (161 percent of average), and 80,000 af (174 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., August 28, 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/day, and are expected to remain at this level through the end of September.

Unregulated inflow into Flaming Gorge Reservoir during the month of June was 895,000 af, or 229 percent of average. The reservoir elevation is 6,032.21 (91 percent of live capacity) and increasing.

The July final forecast for inflows for the next three months projects above average conditions: July, August and September forecasted inflow volumes at 383,000 af (182 percent of average), 150,000 af (169 percent of average), and 95,000 af (172 percent of average), respectively.

The May water supply forecast of the April through July unregulated inflow volume into Flaming Gorge Reservoir is 2.26 maf (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 1,900 cfs. Blue Mesa Reservoir is nearly full at 7516. 6 feet which corresponds to a storage content 804,000 acre-feet (97 percent of full capacity). Releases from Crystal are anticipated to remain near this level through July and August. 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 June unregulated inflow to Blue Mesa Reservoir was 392,000 af (150 percent of average). Unregulated Inflows to Blue Mesa for the next three months (July, August and September) are projected to be: 119,000 af (102 percent of average), 64,000 af (102 percent of average) and 43,000 af (113 percent of average), respectively. The April through July unregulated inflow forecast increased from 850,000 af (126 percent of average) for June to 900,000 af (133 percent of average) for July. 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 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 July 9th, 2017, Navajo reservoir elevation is 6062.58 feet (1.38 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 233,000 af, which was 104 percent of average for the month of June.

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 July at Navajo is 33,000 acre-ft (50 percent of average), for August is 27,000 acre-ft (60 percent of average), and for September is 32,000 acre-ft (74 percent of average). The most probable April-July total runoff forecast is 765,000 af (104 percent of average). Releases over the summer will likely range between 400 cfs and 650 cfs, and will be made to maintain the target baseflow downstream.

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 22nd, 2017, at 1pm at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell in June was 3.12 maf (117 percent of average). The release volume from Glen Canyon Dam in June was 749 thousand acre-feet (kaf). The end of June elevation and storage of Lake Powell were 3635 feet (65 feet from full pool) and 15.41 maf (63 percent of full capacity), respectively. The reservoir

elevation has been increasing through spring and early summer and is likely near its seasonal peak. In the next few weeks, the reservoir will likely begin its typical 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 May 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.

In July, the release volume will be approximately 850 kaf, with fluctuations anticipated between about 9,500 cfs in the nighttime to about 17,500 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 August is 900 kaf with daily fluctuations between approximately 10,000 cfs and 18,000 cfs. The expected release for September is 663 kaf with daily fluctuations between approximately 8,500 cfs and 14,500 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. 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 April to July 2017 water supply forecast for unregulated inflow to Lake Powell, issued on July 5, 2017, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 8.15 maf (114 percent of

average based on the period 1981-2010). The forecast decreased by 150 kaf since last month. There is still uncertainty regarding this year's water supply and the total inflow to Lake Powell.

As determined in the August 2016 24-Month Study, and documented in the 2017 Annual Operating Plan, Lake Powell's operations in water year 2017 will be governed by the Upper Elevation Balancing Tier. Starting 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 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 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 July most probable inflow forecast, the annual release volume from Lake Powell during water year 2017 is projected to be 9.0 maf. Under the minimum probable inflow scenario, the water year release is projected to be 9.0 maf. Under the maximum probable inflow scenario, the release is projected to be 9.0 maf. There is 10 percent chance that inflows will be lower than the current minimum probable forecast, potentially resulting in lower releases. However, inflows to Lake Powell so far this water year have been sufficient enough to preclude any release less than 9.0 maf. If inflows are greater than the current forecasted maximum probable inflow, the annual release will be 9.0 maf.

Based on the current forecast, the July 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). Projections of elevation and storage still have significant uncertainty at this point in the season, primarily due to uncertainty regarding spring runoff and the resulting inflow to Lake Powell. Under the minimum probable inflow scenario, updated in April, the projected end of water year elevation and storage are 3,625 feet and 14.25 maf (59 percent of capacity), respectively. Under the maximum probable inflow scenario, updated in April, the projected end of water year elevation and storage are 3661 feet and 18.62 maf (77 percent of capacity), respectively. Modeling of projected reservoir operations based on the minimum and maximum scenarios will be updated again in August.

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), which, though still below average, was significantly higher than inflows observed in 2012 and 2013 (45 percent and 47 percent of average, respectively). 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 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 2017 is approximately 33.2 maf (56 percent of total system capacity). The actual end of water year 2017 system storage may vary from this projection, primarily due to uncertainty regarding the season's snowpack and resulting runoff and reservoir inflow. Based on the April minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2017 total system capacity is approximately 32.47 maf (54 percent) to 37.0 maf (62 percent), 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			jun	Forecast		Outlook		
:	mar	apr	may	jun	%Avg	jul	aug	sep	apr-jul	%Avg
GLDA3:Lake Powell	1112	1608	2377	3115	117%:	1050/	550/	420/	8150/:	114%
GBRW4:Fontenelle	180	225	430	732	245%:	338/	125/	80/	1725/:	238%
GRNU1:Flaming Gorge	400	350	582	895	229%:	383/	150/	95/	2210/:	226%
BMDC2:Blue Mesa	70	145	244	392	150%:	119/	64/	43/	900/:	133%
MPSC2:Morrow Point	74	157	263	411	146%:	129/	68/	46/	960/:	130%
CLSC2:Crystal	81	167	285	446	142%:	142/	73/	52/	1040/:	125%
TPIC2:Taylor Park	5.7	13.0	30	63	150%:	19/	10/	8/	125/:	127%
VCRC2:Vallecito	24	45	67	72	102%:	21/	16/	15/	205/:	106%
NVRN5:Navajo	176	235	264	233	104%:	33/	27/	32/	765/:	104%
LEMC2:Lemon	4.1	9.8	17.0	23	110%:	4/	3/	3/	54/:	98%
MPHC2:McPhee	57	95	130	92	123%:	18/	11/	10/	335/:	114%
RBSC2:Ridgway	7.8	11.9	20	46	117%:	19/	10/	8/	97/:	96%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 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)
*	Jul 2016	80	3	73	3	76	6500.25	300
H	Aug 2016	29	2	65	0	65	6495.03	262
I	Sep 2016	26	2	36	21	58	6490.22	229
	WY 2016	**943**	**15**	**739**	**213**	**952**		
S	Oct 2016	57	1	0	57	57	6490.08	228
T	Nov 2016	62	1	0	59	59	6490.44	230
O	Dec 2016	37	1	0	63	63	6486.33	203
R	Jan 2017	45	1	0	63	63	6483.20	184
I	Feb 2017	51	1	0	57	57	6482.06	178
C	Mar 2017	180	1	0	150	150	6486.90	207
A	Apr 2017	225	1	0	304	304	6472.17	128
L	May 2017	430	1	54	373	427	6472.55	129
*	Jun 2017	732	2	74	469	543	6502.49	317
	Jul 2017	338	3	99	209	308	6505.94	345
	Aug 2017	125	2	100	55	155	6501.84	313
	Sep 2017	80	2	75	0	75	6502.24	316
	WY 2017	**2362**	**15**	**401**	**1859**	**2260**		
	Oct 2017	73	1	74	0	74	6501.98	314
	Nov 2017	63	1	71	0	71	6500.78	305
	Dec 2017	48	1	74	0	74	6497.22	278
	Jan 2018	45	1	74	0	74	6493.07	249
	Feb 2018	40	1	67	0	67	6488.94	222
	Mar 2018	60	1	102	26	128	6477.32	153
	Apr 2018	88	1	94	34	128	6468.33	112
	May 2018	165	1	96	54	150	6471.61	126
	Jun 2018	300	2	99	61	160	6495.24	264
	Jul 2018	190	3	103	8	111	6505.39	341
	Aug 2018	72	2	101	7	108	6500.48	303
	Sep 2018	46	2	65	0	65	6497.63	281
	WY 2018	**1190**	**15**	**1020**	**190**	**1210**		
	Oct 2018	49	1	68	0	68	6494.84	261
	Nov 2018	42	1	65	0	65	6491.39	237
	Dec 2018	32	1	68	0	68	6485.81	201
	Jan 2019	30	1	68	0	68	6479.30	163
	Feb 2019	28	0	61	0	61	6472.29	129
	Mar 2019	53	0	70	0	70	6468.09	111
	Apr 2019	85	1	75	0	75	6470.45	121
	May 2019	164	1	99	11	110	6481.20	174
	Jun 2019	299	2	104	24	128	6505.60	342

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

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July 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)
*	Jul 2016	91	88	13	116	4	120	133	6029.03	3312	220
H	Aug 2016	28	64	13	110	0	110	131	6027.55	3255	133
I	Sep 2016	36	67	11	107	0	107	129	6026.27	3207	128
	WY 2016	**1427**	**1437**	**80**	**1406**	**203**	**1609**				**3435**
S	Oct 2016	70	70	7	85	0	85	128	6025.69	3186	119
T	Nov 2016	73	70	4	77	0	77	128	6025.41	3175	112
O	Dec 2016	35	61	2	106	0	106	126	6024.19	3130	136
R	Jan 2017	49	67	2	110	0	110	124	6023.01	3087	155
I	Feb 2017	106	112	2	109	0	109	124	6023.03	3088	189
C	Mar 2017	400	370	3	256	26	282	128	6025.25	3169	408
A	Apr 2017	350	428	5	268	244	511	124	6022.93	3084	745
L	May 2017	582	580	8	278	171	449	129	6026.15	3203	857
*	Jun 2017	895	705	11	263	223	486	137	6031.41	3404	859
	Jul 2017	383	353	14	229	0	229	141	6034.10	3510	290
	Aug 2017	150	180	13	148	0	148	142	6034.56	3528	168
	Sep 2017	95	90	12	143	0	143	139	6033.00	3466	158
	WY 2017	**3188**	**3086**	**82**	**2071**	**664**	**2735**				**4196**
	Oct 2017	95	96	8	148	0	148	137	6031.55	3409	172
	Nov 2017	84	92	4	143	0	143	135	6030.22	3357	174
	Dec 2017	55	81	2	169	0	169	132	6027.97	3271	194
	Jan 2018	64	93	2	172	0	172	129	6025.89	3193	194
	Feb 2018	64	91	2	156	0	156	126	6024.15	3129	178
	Mar 2018	120	188	3	136	0	136	128	6025.44	3176	203
	Apr 2018	150	190	5	131	0	131	130	6026.84	3229	321
	May 2018	235	220	8	187	0	187	131	6027.48	3253	682
	Jun 2018	360	220	10	164	0	164	133	6028.64	3297	614
	Jul 2018	213	134	14	98	0	98	133	6029.19	3318	176
	Aug 2018	85	121	13	98	0	98	134	6029.44	3327	119
	Sep 2018	55	74	11	95	0	95	133	6028.64	3297	110
	WY 2018	**1580**	**1600**	**80**	**1696**	**0**	**1696**				**3136**
	Oct 2018	59	78	7	98	0	98	132	6027.93	3270	126
	Nov 2018	51	74	3	95	0	95	131	6027.32	3247	125
	Dec 2018	35	71	2	98	0	98	130	6026.56	3218	124
	Jan 2019	40	78	2	98	0	98	129	6025.98	3197	123
	Feb 2019	45	78	2	89	0	89	128	6025.65	3184	117
	Mar 2019	102	120	3	98	0	98	129	6026.12	3202	175
	Apr 2019	134	123	5	95	0	95	130	6026.71	3224	310
	May 2019	245	191	8	153	0	153	131	6027.50	3254	685
	Jun 2019	390	218	10	146	0	146	133	6029.08	3314	566

* 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

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July 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)
*	Jul 2016	11	21	9320.04	87
H	Aug 2016	9	16	9315.75	79
I	Sep 2016	6	14	9310.77	71
	WY 2016	**125**	**125**		
S	Oct 2016	5	6	9310.23	70
T	Nov 2016	4	5	9309.76	70
O	Dec 2016	5	5	9309.56	69
R	Jan 2017	6	5	9309.76	70
I	Feb 2017	4	5	9309.43	69
C	Mar 2017	6	6	9309.23	69
A	Apr 2017	13	8	9312.04	73
L	May 2017	30	18	9318.55	84
*	Jun 2017	62	45	9327.76	102
	Jul 2017	19	26	9324.40	95
	Aug 2017	10	20	9318.99	85
	Sep 2017	8	18	9313.36	75
	WY 2017	**172**	**168**		
	Oct 2017	7	8	9312.83	74
	Nov 2017	6	6	9312.83	74
	Dec 2017	5	6	9312.23	73
	Jan 2018	5	6	9311.62	72
	Feb 2018	4	6	9310.38	70
	Mar 2018	4	6	9309.11	68
	Apr 2018	7	6	9309.75	69
	May 2018	24	20	9312.23	73
	Jun 2018	40	22	9322.46	91
	Jul 2018	15	22	9318.64	84
	Aug 2018	9	20	9312.23	73
	Sep 2018	7	16	9306.51	64
	WY 2018	**133**	**144**		
	Oct 2018	6	8	9305.47	63
	Nov 2018	5	6	9304.81	62
	Dec 2018	5	6	9303.90	61
	Jan 2019	4	6	9302.75	59
	Feb 2019	4	6	9301.19	57
	Mar 2019	4	6	9300.05	55
	Apr 2019	9	6	9302.05	58
	May 2019	28	20	9307.68	66
	Jun 2019	42	22	9319.47	86

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

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Managing Water in the West

July 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)
*	Jul 2016	81	91	2	112	0	112	7512.31	766
H	Aug 2016	57	65	1	110	0	110	7506.94	720
I	Sep 2016	38	46	1	100	0	100	7500.48	665
	WY 2016	**881**	**882**	**9**	**913**	**19**	**934**		
S	Oct 2016	32	33	1	90	0	90	7493.44	608
T	Nov 2016	26	27	0	33	0	33	7492.53	601
O	Dec 2016	26	26	0	35	0	35	7491.43	593
R	Jan 2017	29	28	0	34	0	34	7490.68	587
I	Feb 2017	28	29	0	44	1	44	7488.71	571
C	Mar 2017	70	70	0	69	0	70	7488.71	571
A	Apr 2017	145	140	1	53	0	53	7499.55	658
L	May 2017	244	233	1	151	65	293	7491.98	597
*	Jun 2017	392	373	1	139	35	175	7515.35	793
	Jul 2017	119	126	2	107	0	107	7517.27	810
	Aug 2017	64	74	1	111	0	111	7513.02	772
	Sep 2017	43	53	1	107	0	107	7506.65	717
	WY 2017	**1217**	**1212**	**9**	**973**	**101**	**1152**		
	Oct 2017	44	45	1	67	0	67	7504.01	695
	Nov 2017	37	37	0	62	0	62	7500.94	669
	Dec 2017	32	33	0	113	0	113	7490.98	589
	Jan 2018	28	29	0	44	0	44	7489.00	574
	Feb 2018	24	26	0	36	0	36	7487.72	564
	Mar 2018	36	38	0	38	0	38	7487.67	563
	Apr 2018	69	68	1	50	0	50	7489.85	580
	May 2018	195	191	1	151	0	151	7494.80	619
	Jun 2018	260	242	1	68	0	68	7515.24	792
	Jul 2018	100	107	2	103	0	103	7515.52	795
	Aug 2018	51	62	1	109	0	109	7510.08	747
	Sep 2018	39	48	1	108	0	108	7502.91	685
	WY 2018	**915**	**926**	**9**	**949**	**0**	**949**		
	Oct 2018	39	40	1	61	0	61	7500.38	664
	Nov 2018	31	32	0	56	0	56	7497.43	640
	Dec 2018	26	27	0	95	0	95	7488.86	573
	Jan 2019	24	26	0	40	0	40	7487.00	558
	Feb 2019	22	25	0	32	0	32	7485.94	550
	Mar 2019	36	38	0	38	0	38	7485.88	550
	Apr 2019	77	74	1	48	0	48	7489.24	575
	May 2019	221	213	1	154	0	154	7496.55	633
	Jun 2019	261	241	1	81	0	81	7515.29	793

* 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

July 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)
*	Jul 2016	83	112	2	114	113	0	113	7153.43	112
H	Aug 2016	58	110	1	111	111	0	111	7153.88	112
I	Sep 2016	39	100	1	100	103	0	103	7150.03	109
	WY 2016	**931**	**934**	**49**	**983**	**972**	**5**	**978**		
S	Oct 2016	33	90	1	91	93	0	93	7146.55	106
T	Nov 2016	28	33	2	36	32	0	35	7147.39	107
O	Dec 2016	27	35	1	36	34	0	34	7150.44	109
R	Jan 2017	30	34	2	36	33	0	33	7153.75	112
I	Feb 2017	29	44	1	45	55	0	55	7140.48	102
C	Mar 2017	74	70	5	74	64	0	68	7148.96	108
A	Apr 2017	157	53	12	66	65	0	65	7149.64	109
L	May 2017	263	293	19	312	203	0	312	7149.70	109
*	Jun 2017	411	175	19	195	184	0	193	7151.34	110
	Jul 2017	129	107	10	117	115	0	115	7153.73	112
	Aug 2017	68	111	4	115	115	0	115	7153.73	112
	Sep 2017	46	107	3	110	110	0	110	7153.73	112
	WY 2017	**1296**	**1152**	**79**	**1231**	**1104**	**0**	**1228**		
	Oct 2017	47	67	3	70	70	0	70	7153.73	112
	Nov 2017	39	62	2	64	64	0	64	7153.73	112
	Dec 2017	34	113	2	115	115	0	115	7153.73	112
	Jan 2018	30	44	2	46	46	0	46	7153.73	112
	Feb 2018	26	36	2	38	38	0	38	7153.73	112
	Mar 2018	40	38	4	42	42	0	42	7153.73	112
	Apr 2018	79	50	10	60	60	0	60	7153.73	112
	May 2018	215	151	20	171	171	0	171	7153.73	112
	Jun 2018	280	68	20	88	88	0	88	7153.73	112
	Jul 2018	105	103	5	108	108	0	108	7153.73	112
	Aug 2018	54	109	3	112	112	0	112	7153.73	112
	Sep 2018	41	108	2	110	110	0	110	7153.73	112
	WY 2018	**990**	**949**	**75**	**1024**	**1024**	**0**	**1024**		
	Oct 2018	41	61	2	63	63	0	63	7153.73	112
	Nov 2018	33	56	2	58	58	0	58	7153.73	112
	Dec 2018	28	95	2	97	97	0	97	7153.73	112
	Jan 2019	27	40	2	42	42	0	42	7153.73	112
	Feb 2019	25	32	3	35	35	0	35	7153.73	112
	Mar 2019	40	38	4	42	42	0	42	7153.73	112
	Apr 2019	88	48	11	59	59	0	59	7153.73	112
	May 2019	247	154	26	180	180	0	180	7153.73	112
	Jun 2019	281	81	20	101	101	0	101	7153.73	112

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Managing Water in the West

July 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)
*	Jul 2016	89	113	6	119	117	2	119	6750.04	16	64	58
H	Aug 2016	62	111	4	114	114	0	114	6749.30	16	62	53
I	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**
S	Oct 2016	37	93	4	97	97	0	97	6747.92	15	57	39
T	Nov 2016	31	35	3	38	37	0	37	6750.47	16	1	36
O	Dec 2016	31	34	4	38	36	1	37	6751.45	17	0	37
R	Jan 2017	35	33	4	37	36	2	37	6750.29	16	1	37
I	Feb 2017	34	55	4	59	56	4	60	6749.56	16	0	60
C	Mar 2017	81	68	6	74	0	73	73	6752.06	17	8	66
A	Apr 2017	167	65	10	75	31	44	75	6751.65	17	39	37
L	May 2017	285	312	22	334	86	73	331	6759.83	19	62	270
*	Jun 2017	446	193	36	229	44	127	231	6751.78	17	61	173
	Jul 2017	142	115	13	128	127	0	127	6753.04	17	65	62
	Aug 2017	73	115	5	120	120	0	120	6753.04	17	65	55
	Sep 2017	52	110	6	116	116	0	116	6753.04	17	55	61
	WY 2017	**1413**	**1228**	**117**	**1345**	**785**	**324**	**1343**			**414**	**933**
	Oct 2017	54	70	7	77	77	0	77	6753.04	17	30	47
	Nov 2017	44	64	5	69	69	0	69	6753.04	17	0	69
	Dec 2017	39	115	5	120	120	0	120	6753.04	17	0	120
	Jan 2018	36	46	6	52	52	0	52	6753.04	17	0	52
	Feb 2018	30	38	4	42	42	0	42	6753.04	17	0	42
	Mar 2018	46	42	6	48	48	0	48	6753.04	17	5	43
	Apr 2018	90	60	11	71	71	0	71	6753.04	17	30	41
	May 2018	245	171	30	201	134	67	201	6753.04	17	55	146
	Jun 2018	310	88	30	118	118	0	118	6753.04	17	60	58
	Jul 2018	117	108	12	120	120	0	120	6753.04	17	65	55
	Aug 2018	62	112	8	120	120	0	120	6753.04	17	65	55
	Sep 2018	47	110	6	116	116	0	116	6753.04	17	55	61
	WY 2018	**1120**	**1024**	**130**	**1154**	**1087**	**67**	**1154**			**365**	**789**
	Oct 2018	47	63	6	69	69	0	69	6753.04	17	30	39
	Nov 2018	38	58	5	63	63	0	63	6753.04	17	0	63
	Dec 2018	32	97	5	101	101	0	101	6753.04	17	0	101
	Jan 2019	31	42	5	47	47	0	47	6753.04	17	0	47
	Feb 2019	29	35	4	39	39	0	39	6753.04	17	0	39
	Mar 2019	46	42	6	48	48	0	48	6753.04	17	5	43
	Apr 2019	101	59	12	71	71	0	71	6753.04	17	30	41
	May 2019	281	180	34	214	134	80	214	6753.04	17	55	159
	Jun 2019	315	101	34	134	130	5	134	6753.04	17	60	74

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Managing Water in the West

July 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)
*	Jul 2016	17	38	7656.15	102
H	Aug 2016	15	33	7648.82	84
I	Sep 2016	14	27	7643.21	71
	WY 2016	**269**	**270**		
S	Oct 2016	11	8	7644.63	74
T	Nov 2016	6	2	7646.51	79
O	Dec 2016	6	2	7647.98	82
R	Jan 2017	7	5	7648.89	84
I	Feb 2017	7	15	7645.42	76
C	Mar 2017	24	24	7645.75	77
A	Apr 2017	45	35	7649.82	87
L	May 2017	67	44	7658.86	109
*	Jun 2017	72	57	7664.54	124
	Jul 2017	21	41	7656.63	103
	Aug 2017	16	38	7647.54	81
	Sep 2017	15	30	7640.89	66
	WY 2017	**298**	**300**		
	Oct 2017	13	17	7638.82	62
	Nov 2017	8	2	7641.69	68
	Dec 2017	7	2	7643.99	73
	Jan 2018	6	2	7645.79	77
	Feb 2018	4	2	7646.76	79
	Mar 2018	7	2	7648.87	84
	Apr 2018	20	2	7656.15	102
	May 2018	58	49	7659.56	111
	Jun 2018	68	62	7661.63	116
	Jul 2018	27	42	7655.65	101
	Aug 2018	17	38	7646.90	80
	Sep 2018	15	30	7640.20	65
	WY 2018	**250**	**248**		
	Oct 2018	14	17	7638.67	61
	Nov 2018	8	2	7641.71	68
	Dec 2018	6	2	7643.72	72
	Jan 2019	5	2	7645.26	76
	Feb 2019	5	2	7646.56	79
	Mar 2019	9	2	7649.35	85
	Apr 2019	23	2	7657.89	107
	May 2019	71	68	7658.90	109
	Jun 2019	70	65	7660.87	114

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

July 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)
*	Jul 2016	24	4	40	5	37	79	6061.29	1364	105
H	Aug 2016	30	4	45	4	33	35	6059.16	1337	56
I	Sep 2016	21	1	33	3	27	30	6056.98	1310	41
	WY 2016	**863**	**96**	**769**	**29**	**169**	**653**			**1077**
S	Oct 2016	27	0	24	2	5	27	6056.19	1300	46
T	Nov 2016	24	0	19	1	0	22	6055.87	1296	43
O	Dec 2016	25	0	22	1	0	20	6055.92	1297	40
R	Jan 2017	34	0	31	1	0	22	6056.65	1306	39
I	Feb 2017	55	1	62	1	1	26	6059.31	1339	48
C	Mar 2017	176	17	159	2	6	30	6068.54	1460	89
A	Apr 2017	235	33	192	3	19	33	6078.18	1598	137
L	May 2017	264	45	198	4	25	231	6073.94	1536	314
*	Jun 2017	230	46	166	5	40	259	6063.90	1398	449
	Jul 2017	33	6	47	4	45	39	6060.67	1356	90
	Aug 2017	27	2	47	4	39	38	6058.08	1324	69
	Sep 2017	32	1	46	3	21	29	6057.49	1316	57
	WY 2017	**1162**	**152**	**1012**	**28**	**202**	**775**			**1420**
	Oct 2017	38	2	40	2	8	23	6058.07	1323	46
	Nov 2017	34	1	27	1	0	21	6058.48	1329	39
	Dec 2017	26	0	21	1	0	22	6058.36	1327	37
	Jan 2018	24	0	20	1	0	22	6058.17	1325	35
	Feb 2018	27	0	25	1	0	19	6058.51	1329	30
	Mar 2018	72	3	64	2	5	22	6061.34	1365	40
	Apr 2018	136	16	102	3	21	21	6065.76	1423	63
	May 2018	270	38	223	4	35	22	6077.32	1585	157
	Jun 2018	198	31	161	5	51	21	6082.87	1668	154
	Jul 2018	44	6	53	5	56	53	6078.83	1607	108
	Aug 2018	35	1	55	4	47	66	6074.55	1545	98
	Sep 2018	36	1	50	3	26	148	6065.39	1418	173
	WY 2018	**940**	**98**	**840**	**30**	**249**	**459**			**979**
	Oct 2018	42	2	43	2	10	31	6065.46	1419	55
	Nov 2018	32	1	24	1	0	30	6064.98	1413	47
	Dec 2018	25	0	20	1	0	31	6064.16	1402	46
	Jan 2019	22	0	18	1	0	31	6063.16	1389	44
	Feb 2019	30	0	27	1	0	28	6063.05	1387	40
	Mar 2019	92	2	83	2	5	22	6067.16	1442	44
	Apr 2019	170	15	134	3	21	21	6073.60	1531	73
	May 2019	277	37	237	4	36	266	6068.72	1463	412
	Jun 2019	224	31	187	4	52	281	6057.17	1312	433

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Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Jul 2016	595	804	58	950	0	950	3618.22	5140	13576	963
H	Aug 2016	253	432	56	900	0	900	3613.55	5101	13091	914
I	Sep 2016	281	461	50	699	0	699	3610.93	5080	12824	712
	WY 2016	**9616**	**9909**	**378**	**9000**	**0**	**9000**				**9117**
S	Oct 2016	381	477	35	601	0	601	3609.48	5068	12678	610
T	Nov 2016	383	389	33	624	126	750	3605.81	5039	12313	754
O	Dec 2016	300	366	26	898	0	898	3600.49	4997	11797	913
R	Jan 2017	359	415	8	880	0	880	3595.86	4962	11359	900
I	Feb 2017	555	565	8	711	0	711	3594.33	4951	11217	720
C	Mar 2017	1112	895	14	722	0	722	3595.91	4963	11364	730
A	Apr 2017	1608	1494	23	623	0	623	3604.14	5026	12149	629
L	May 2017	2377	2321	29	652	0	652	3619.09	5147	13667	657
*	Jun 2017	3115	2680	51	749	0	749	3634.89	5286	15408	758
	Jul 2017	1050	938	64	850	0	850	3635.09	5288	15431	865
	Aug 2017	550	645	63	900	0	900	3632.51	5265	15136	914
	Sep 2017	420	551	58	663	0	663	3631.12	5252	14979	672
	WY 2017	**12211**	**11737**	**410**	**8874**	**126**	**9000**				**9121**
	Oct 2017	510	580	40	640	0	640	3630.31	5245	14887	646
	Nov 2017	490	562	38	640	0	640	3629.34	5236	14780	644
	Dec 2017	370	560	30	720	0	720	3627.76	5222	14604	726
	Jan 2018	360	482	9	860	0	860	3624.49	5193	14245	866
	Feb 2018	390	486	10	750	0	750	3622.14	5173	13991	752
	Mar 2018	590	565	17	800	0	800	3619.95	5154	13758	805
	Apr 2018	900	784	26	710	0	710	3620.36	5158	13802	718
	May 2018	2000	1733	32	710	0	710	3628.80	5231	14719	716
	Jun 2018	2600	2117	53	750	0	750	3639.43	5329	15936	756
	Jul 2018	800	759	65	850	0	850	3638.19	5317	15791	865
	Aug 2018	400	551	64	900	0	900	3634.89	5286	15408	914
	Sep 2018	350	598	59	670	0	670	3633.83	5277	15287	679
	WY 2018	**9760**	**9776**	**444**	**9000**	**0**	**9000**				**9086**
	Oct 2018	464	525	40	640	0	640	3632.57	5265	15143	646
	Nov 2018	450	518	39	640	0	640	3631.26	5253	14994	644
	Dec 2018	363	501	31	720	0	720	3629.20	5235	14763	726
	Jan 2019	361	444	9	860	0	860	3625.63	5203	14369	866
	Feb 2019	393	445	10	750	0	750	3622.94	5180	14077	752
	Mar 2019	665	600	17	800	0	800	3621.07	5164	13877	805
	Apr 2019	1056	874	27	710	0	710	3622.26	5174	14004	718
	May 2019	2343	2245	33	710	0	710	3634.77	5285	15394	716
	Jun 2019	2666	2382	56	750	0	750	3647.08	5402	16854	756

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July 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)
*	Jul 2016	950	70	64	831	13.5	30	830	612	1072.75	9419
H	Aug 2016	900	107	69	701	11.4	28	700	625	1075.17	9615
I	Sep 2016	699	88	57	702	11.8	22	701	625	1075.23	9620
	WY 2016	**9000**	**798**	**531**	**9293**		**224**	**9282**			
S	Oct 2016	601	78	42	518	8.4	23	517	631	1076.34	9710
T	Nov 2016	750	77	42	751	12.6	16	750	632	1076.55	9727
O	Dec 2016	898	63	36	542	8.8	8	536	655	1080.82	10079
R	Jan 2017	880	128	30	500	8.1	7	494	684	1086.08	10521
I	Feb 2017	711	150	28	488	8.8	7	487	704	1089.78	10838
C	Mar 2017	722	97	32	911	14.8	16	910	696	1088.26	10707
A	Apr 2017	623	92	39	961	16.1	20	960	677	1084.89	10420
L	May 2017	652	39	44	917	14.9	29	915	659	1081.56	10141
*	Jun 2017	749	18	53	864	14.5	30	864	648	1079.52	9971
	Jul 2017	850	77	66	848	13.8	32	848	647	1079.31	9954
	Aug 2017	900	127	71	743	12.1	30	743	658	1081.38	10126
	Sep 2017	663	110	58	715	12.0	27	715	657	1081.09	10101
	WY 2017	**9000**	**1057**	**541**	**8757**		**246**	**8738**			
	Oct 2017	640	71	42	570	9.3	22	570	661	1081.94	10172
	Nov 2017	640	65	43	684	11.5	14	684	659	1081.53	10139
	Dec 2017	720	51	37	645	10.5	11	645	664	1082.42	10212
	Jan 2018	860	64	30	716	11.6	11	716	674	1084.28	10369
	Feb 2018	750	72	28	607	10.9	12	607	685	1086.22	10533
	Mar 2018	800	46	31	1036	16.8	20	1036	670	1083.55	10307
	Apr 2018	710	39	38	1095	18.4	27	1095	645	1078.90	9920
	May 2018	710	26	43	966	15.7	32	966	626	1075.40	9633
	Jun 2018	750	10	52	864	14.5	33	864	615	1073.21	9457
	Jul 2018	850	77	64	824	13.4	35	824	615	1073.25	9460
	Aug 2018	900	127	69	767	12.5	34	767	624	1075.08	9608
	Sep 2018	670	110	57	695	11.7	30	695	624	1075.05	9605
	WY 2018	**9000**	**757**	**535**	**9469**		**281**	**9469**			
	Oct 2018	640	71	42	489	8.0	26	489	634	1076.84	9751
	Nov 2018	640	65	42	634	10.6	18	634	635	1076.97	9762
	Dec 2018	720	51	36	592	9.6	14	592	642	1078.44	9882
	Jan 2019	860	64	30	723	11.8	11	723	652	1080.27	10033
	Feb 2019	750	72	27	610	11.0	12	610	663	1082.21	10195
	Mar 2019	800	46	31	1041	16.9	20	1041	648	1079.44	9965
	Apr 2019	710	39	38	1100	18.5	27	1100	622	1074.67	9575
	May 2019	710	26	43	971	15.8	32	971	603	1071.06	9284
	Jun 2019	750	10	51	869	14.6	33	869	592	1068.78	9103

* 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

July 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)
*	Jul 2016	831	-24	26	803	0	803	13.1	643.75	1719
H	Aug 2016	701	-12	23	714	0	714	11.6	642.00	1671
I	Sep 2016	702	-18	18	711	0	711	11.9	640.34	1627
	WY 2016	**9293**	**-195**	**198**	**8879**	**0**	**8879**			
S	Oct 2016	518	-7	15	640	0	640	10.4	634.86	1482
T	Nov 2016	751	-29	11	574	0	574	9.6	640.09	1620
O	Dec 2016	542	-17	9	482	0	482	7.8	641.31	1653
R	Jan 2017	500	-23	10	408	0	408	6.6	643.47	1712
I	Feb 2017	488	-13	10	486	0	486	8.7	642.70	1690
C	Mar 2017	911	-27	13	844	0	844	13.7	643.70	1718
A	Apr 2017	961	-23	17	955	0	955	16.1	642.45	1684
L	May 2017	917	-13	22	846	0	846	13.8	643.74	1719
*	Jun 2017	864	-6	25	853	0	853	14.3	643.01	1699
	Jul 2017	848	-16	25	820	0	820	13.3	642.50	1685
	Aug 2017	743	-12	23	707	0	707	11.5	642.50	1685
	Sep 2017	715	-11	18	753	0	753	12.7	640.01	1617
	WY 2017	**8757**	**-199**	**198**	**8368**	**0**	**8368**			
	Oct 2017	570	-4	15	735	0	735	12.0	633.00	1434
	Nov 2017	684	-11	10	611	0	611	10.3	635.00	1486
	Dec 2017	645	-10	9	528	0	528	8.6	638.71	1583
	Jan 2018	716	-19	10	604	0	604	9.8	641.80	1666
	Feb 2018	607	-16	10	582	0	582	10.5	641.80	1666
	Mar 2018	1036	-16	13	972	0	972	15.8	643.05	1700
	Apr 2018	1095	-20	17	1060	0	1060	17.8	643.00	1699
	May 2018	966	-13	22	932	0	932	15.2	643.00	1699
	Jun 2018	864	-18	25	848	0	848	14.3	642.00	1671
	Jul 2018	824	-16	25	796	0	796	12.9	641.50	1658
	Aug 2018	767	-12	23	732	0	732	11.9	641.50	1658
	Sep 2018	695	-11	18	706	0	706	11.9	640.01	1617
	WY 2018	**9469**	**-166**	**197**	**9106**	**0**	**9106**			
	Oct 2018	489	-4	15	653	0	653	10.6	633.00	1434
	Nov 2018	634	-11	10	561	0	561	9.4	635.00	1486
	Dec 2018	592	-10	9	476	0	476	7.7	638.71	1583
	Jan 2019	723	-19	10	611	0	611	9.9	641.80	1666
	Feb 2019	610	-16	10	584	0	584	10.5	641.80	1666
	Mar 2019	1041	-16	13	977	0	977	15.9	643.05	1700
	Apr 2019	1100	-20	17	1065	0	1065	17.9	643.00	1699
	May 2019	971	-13	22	937	0	937	15.2	643.00	1699
	Jun 2019	869	-18	25	853	0	853	14.3	642.00	1671

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 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)
*	Jul 2016	803	20	17	617	10.0	100	74	449.03	600	102	1.7
H	Aug 2016	714	23	17	570	9.3	85	65	448.50	590	99	1.6
I	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**	
S	Oct 2016	640	36	12	466	7.6	80	133	446.90	559	61	1.0
T	Nov 2016	574	21	9	374	6.3	78	140	446.33	549	97	1.6
O	Dec 2016	482	26	7	271	4.4	86	118	447.64	573	112	1.8
R	Jan 2017	408	33	6	244	4.0	68	126	447.29	567	126	2.1
I	Feb 2017	486	15	8	393	7.1	13	62	448.30	586	160	2.9
C	Mar 2017	844	11	9	687	11.2	24	136	447.83	577	203	3.3
A	Apr 2017	955	13	11	729	12.3	42	160	448.73	594	181	3.0
L	May 2017	846	23	13	634	10.3	44	175	448.31	586	111	1.8
*	Jun 2017	853	1	15	689	11.6	58	79	448.41	588	126	2.1
	Jul 2017	820	26	17	680	11.1	57	77	448.50	589	111	1.8
	Aug 2017	707	25	17	570	9.3	57	77	448.50	589	100	1.6
	Sep 2017	753	20	15	523	8.8	101	144	447.50	570	89	1.5
	WY 2017	**8368**	**249**	**140**	**6261**		**708**	**1428**			**1477**	
	Oct 2017	735	28	12	499	8.1	103	141	447.50	571	74	1.2
	Nov 2017	611	19	9	389	6.5	100	125	447.50	571	113	1.9
	Dec 2017	528	19	7	327	5.3	102	125	446.50	552	134	2.2
	Jan 2018	604	17	6	361	5.9	93	157	446.50	552	138	2.2
	Feb 2018	582	10	8	477	8.6	27	73	446.50	552	160	2.9
	Mar 2018	972	7	9	713	11.6	93	152	446.70	555	198	3.2
	Apr 2018	1060	19	11	745	12.5	90	184	448.70	593	175	2.9
	May 2018	932	15	13	640	10.4	93	189	448.70	593	104	1.7
	Jun 2018	848	15	16	671	11.3	90	73	448.70	593	105	1.8
	Jul 2018	796	26	17	639	10.4	93	73	448.00	580	111	1.8
	Aug 2018	732	25	17	573	9.3	92	73	447.50	571	100	1.6
	Sep 2018	706	20	15	510	8.6	35	157	447.50	570	89	1.5
	WY 2018	**9106**	**220**	**139**	**6545**		**1011**	**1524**			**1501**	
	Oct 2018	653	28	12	486	7.9	29	147	447.50	571	74	1.2
	Nov 2018	561	19	9	390	6.5	28	147	447.50	571	116	1.9
	Dec 2018	476	19	7	326	5.3	29	147	446.50	552	131	2.1
	Jan 2019	611	17	6	360	5.8	101	157	446.50	552	138	2.2
	Feb 2019	584	10	8	475	8.6	31	73	446.50	552	160	2.9
	Mar 2019	977	7	9	710	11.5	101	152	446.70	555	198	3.2
	Apr 2019	1065	19	11	742	12.5	98	184	448.70	593	175	2.9
	May 2019	937	15	13	637	10.4	101	189	448.70	593	104	1.7
	Jun 2019	853	15	16	668	11.2	98	73	448.70	593	105	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

July 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
*	Jul 2016	831	13.5	1072.75	9419	89	427.46	1528.0	311.5	100	374.8
H	Aug 2016	701	11.4	1075.17	9615	196	431.00	1549.0	265.2	100	378.4
I	Sep 2016	702	11.8	1075.23	9620	5	429.97	1539.0	266.3	100	379.1
	WY 2016	**9293**							**3596.9**		
S	Oct 2016	518	8.4	1076.34	9710	90	438.10	1335.0	195.2	87	377.1
T	Nov 2016	751	12.6	1076.55	9727	17	427.42	1072.0	290.6	80	386.7
O	Dec 2016	542	8.8	1080.82	10079	352	438.26	1103.0	207.3	71	382.3
R	Jan 2017	500	8.1	1086.08	10521	442	442.12	857.0	192.4	55	384.9
I	Feb 2017	488	8.8	1089.78	10838	317	446.75	938.0	190.4	58	390.4
C	Mar 2017	911	14.8	1088.26	10707	-131	440.44	1291.1	362.0	79	397.2
A	Apr 2017	961	16.1	1084.89	10420	-287	439.75	1227.0	381.0	76	396.5
L	May 2017	917	14.9	1081.56	10141	-280	434.83	1307.0	360.6	80	393.4
*	Jun 2017	864	14.5	1079.52	9971	-169	433.52	1500.0	335.0	94	387.5
	Jul 2017	848	13.8	1079.31	9954	-18	426.79	1499.0	330.9	94	390.3
	Aug 2017	743	12.1	1081.38	10126	172	427.88	1488.1	286.6	94	385.9
	Sep 2017	715	12.0	1081.09	10101	-25	428.88	1587.0	275.7	100	385.8
	WY 2017	**8757**							**3407.6**		
	Oct 2017	570	9.3	1081.94	10172	71	435.05	1078.0	222.2	68	389.5
	Nov 2017	684	11.5	1081.53	10139	-33	438.20	980.0	272.5	62	398.7
	Dec 2017	645	10.5	1082.42	10212	74	437.67	820.0	259.2	52	402.1
	Jan 2018	716	11.6	1084.28	10369	156	434.29	1197.9	281.2	75	392.7
	Feb 2018	607	10.9	1086.22	10533	164	434.51	1304.1	236.0	81	388.6
	Mar 2018	1036	16.8	1083.55	10307	-226	433.01	1399.0	405.6	88	391.7
	Apr 2018	1095	18.4	1078.90	9920	-387	429.10	1360.0	430.7	87	393.1
	May 2018	966	15.7	1075.40	9633	-287	423.70	1542.0	371.3	100	384.2
	Jun 2018	864	14.5	1073.21	9457	-177	421.21	1529.0	326.7	100	378.3
	Jul 2018	824	13.4	1073.25	9460	3	420.63	1529.0	315.5	100	382.9
	Aug 2018	767	12.5	1075.08	9608	148	421.72	1540.0	292.3	100	381.2
	Sep 2018	695	11.7	1075.05	9605	-2	423.10	1540.0	264.0	100	379.6
	WY 2018	**9469**							**3677.3**		
	Oct 2018	489	8.0	1076.84	9751	145	429.51	1053.1	190.5	68	389.7
	Nov 2018	634	10.6	1076.97	9762	11	432.07	1151.9	244.9	74	386.5
	Dec 2018	592	9.6	1078.44	9882	121	433.41	800.7	233.4	52	394.4
	Jan 2019	723	11.8	1080.27	10033	151	430.32	1169.6	281.7	75	389.7
	Feb 2019	610	11.0	1082.21	10195	162	430.53	1273.5	235.2	81	385.5
	Mar 2019	1041	16.9	1079.44	9965	-230	428.99	1366.2	404.1	88	388.4
	Apr 2019	1100	18.5	1074.67	9575	-390	424.96	1326.5	428.4	87	389.5
	May 2019	971	15.8	1071.06	9284	-291	419.46	1502.9	369.6	100	380.5
	Jun 2019	869	14.6	1068.78	9103	-181	416.86	1490.0	325.3	100	374.6

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2017 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jul 2016	803	13.1	643.75	1719	-22	144.39	252.5	103.3	99	128.6
H	Aug 2016	714	11.6	642.00	1671	-48	142.46	255.0	91.6	100	128.4
I	Sep 2016	711	11.9	640.34	1627	-45	138.91	255.0	90.5	100	127.3
	WY 2016	**8879**							**1129.0**		
S	Oct 2016	640	10.4	634.86	1482	-144	135.70	201.5	79.3	79	123.8
T	Nov 2016	574	9.6	640.09	1620	138	140.91	170.9	71.1	67	123.8
O	Dec 2016	482	7.8	641.31	1653	33	138.48	168.3	61.4	66	127.3
R	Jan 2017	408	6.6	643.47	1712	59	143.95	164.5	54.6	65	133.8
I	Feb 2017	486	8.7	642.70	1690	-21	141.54	162.1	63.8	64	131.4
C	Mar 2017	844	13.7	643.70	1718	28	141.08	194.1	109.6	76	129.9
A	Apr 2017	955	16.1	642.45	1684	-34	138.31	204.0	131.0	80	137.2
L	May 2017	846	13.8	643.74	1719	35	142.74	232.0	108.4	91	128.1
*	Jun 2017	853	14.3	643.01	1699	-20	141.59	255.0	107.4	100	126.0
	Jul 2017	820	13.3	642.50	1685	-14	135.78	255.0	103.0	100	125.6
	Aug 2017	707	11.5	642.50	1685	0	135.52	255.0	89.1	100	126.0
	Sep 2017	753	12.7	640.01	1617	-68	134.21	255.0	93.7	100	124.5
	WY 2017	**8368**							**1072.4**		
	Oct 2017	735	12.0	633.00	1434	-183	130.74	202.3	88.5	79	120.4
	Nov 2017	611	10.3	635.00	1486	51	129.19	170.0	72.6	67	118.8
	Dec 2017	528	8.6	638.71	1583	97	132.25	167.8	64.5	66	122.0
	Jan 2018	604	9.8	641.80	1666	83	134.43	210.6	75.3	83	124.6
	Feb 2018	582	10.5	641.80	1666	0	136.73	187.6	73.1	74	125.7
	Mar 2018	972	15.8	643.05	1700	34	137.26	190.8	121.0	75	124.5
	Apr 2018	1060	17.8	643.00	1699	-2	136.07	255.0	131.9	100	124.5
	May 2018	932	15.2	643.00	1699	0	136.04	255.0	116.7	100	125.2
	Jun 2018	848	14.3	642.00	1671	-27	135.51	255.0	106.0	100	125.1
	Jul 2018	796	12.9	641.50	1658	-14	134.73	255.0	99.4	100	124.8
	Aug 2018	732	11.9	641.50	1658	0	134.46	255.0	91.5	100	124.9
	Sep 2018	706	11.9	640.01	1617	-40	133.68	255.0	87.8	100	124.3
	WY 2018	**9106**							**1128.2**		
	Oct 2018	653	10.6	633.00	1434	-183	130.74	202.3	79.0	79	120.9
	Nov 2018	561	9.4	635.00	1486	51	129.19	170.0	66.8	67	119.1
	Dec 2018	476	7.7	638.71	1583	97	132.25	167.8	58.2	66	122.3
	Jan 2019	611	9.9	641.80	1666	83	134.43	210.6	76.1	83	124.5
	Feb 2019	584	10.5	641.80	1666	0	136.73	187.6	73.5	74	125.7
	Mar 2019	977	15.9	643.05	1700	34	137.26	190.8	121.6	75	124.5
	Apr 2019	1065	17.9	643.00	1699	-2	136.07	255.0	132.5	100	124.4
	May 2019	937	15.2	643.00	1699	0	136.04	255.0	117.3	100	125.2
	Jun 2019	853	14.3	642.00	1671	-27	135.51	255.0	106.6	100	125.0

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 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
*	Jul 2016	617	10.0	449.03	600	4	83.16	120.0	43.7	100	70.9
H	Aug 2016	570	9.3	448.50	590	-10	82.60	120.0	40.2	100	70.7
I	Sep 2016	490	8.2	447.97	579	-10	82.24	120.0	34.7	100	70.9
	WY 2016	**6345**							**447.6**		
S	Oct 2016	466	7.6	446.90	559	-20	78.88	93.6	32.8	78	70.5
T	Nov 2016	374	6.3	446.33	549	-11	80.55	90.0	26.0	75	69.6
O	Dec 2016	271	4.4	447.64	573	24	83.20	117.6	17.9	98	65.9
R	Jan 2017	244	4.0	447.29	567	-6	81.95	93.9	16.2	78	66.5
I	Feb 2017	393	7.1	448.30	586	19	82.67	90.0	27.9	75	71.0
C	Mar 2017	687	11.2	447.83	577	-9	79.98	90.0	48.8	75	71.1
A	Apr 2017	729	12.3	448.73	594	17	80.51	120.0	51.3	100	70.3
L	May 2017	634	10.3	448.31	586	-8	82.36	120.0	44.8	100	70.6
*	Jun 2017	689	11.6	448.41	588	2	80.56	120.0	48.1	100	69.9
	Jul 2017	680	11.1	448.50	589	2	75.82	120.0	45.1	100	66.2
	Aug 2017	570	9.3	448.50	589	0	75.86	120.0	37.6	100	65.9
	Sep 2017	523	8.8	447.50	570	-19	76.57	94.0	34.8	78	66.5
	WY 2017	**6261**							**431.4**		
	Oct 2017	499	8.1	447.50	571	0	74.97	118.1	32.4	98	64.9
	Nov 2017	389	6.5	447.50	571	0	76.29	90.0	25.5	75	65.4
	Dec 2017	327	5.3	446.50	552	-19	75.66	92.9	21.0	77	64.2
	Jan 2018	361	5.9	446.50	552	0	74.29	111.3	22.9	93	63.5
	Feb 2018	477	8.6	446.50	552	0	74.73	101.8	31.0	85	65.0
	Mar 2018	713	11.6	446.70	555	4	74.69	104.5	46.8	87	65.6
	Apr 2018	745	12.5	448.70	593	38	75.08	120.0	49.1	100	65.9
	May 2018	640	10.4	448.70	593	0	76.05	120.0	42.4	100	66.3
	Jun 2018	671	11.3	448.70	593	0	76.05	120.0	44.6	100	66.5
	Jul 2018	639	10.4	448.00	580	-13	75.71	120.0	42.2	100	66.0
	Aug 2018	573	9.3	447.50	571	-9	75.13	120.0	37.5	100	65.4
	Sep 2018	510	8.6	447.50	570	0	74.89	120.0	33.1	100	65.0
	WY 2018	**6545**							**428.5**		
	Oct 2018	486	7.9	447.50	571	0	75.85	98.7	31.9	82	65.6
	Nov 2018	390	6.5	447.50	571	0	75.83	99.0	25.3	83	65.0
	Dec 2018	326	5.3	446.50	552	-19	74.40	120.0	20.6	100	63.2
	Jan 2019	360	5.8	446.50	552	0	75.02	95.8	23.0	80	64.1
	Feb 2019	475	8.6	446.50	552	0	75.21	92.1	31.1	77	65.5
	Mar 2019	710	11.5	446.70	555	4	74.05	119.0	46.1	99	65.0
	Apr 2019	742	12.5	448.70	593	38	75.08	120.0	48.9	100	65.9
	May 2019	637	10.4	448.70	593	0	76.05	120.0	42.2	100	66.3
	Jun 2019	668	11.2	448.70	593	0	76.05	120.0	44.4	100	66.4

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 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
*	Jul 2016	435	46	34	40	22	6
H	Aug 2016	408	44	33	39	22	6
I	Sep 2016	315	42	30	36	20	3
	Summer 2016	**2111**	**276**	**166**	**218**	**116**	**34**
S	Oct 2016	269	33	26	33	19	0
T	Nov 2016	277	30	9	11	6	0
O	Dec 2016	395	41	10	11	6	0
R	Jan 2017	385	43	10	11	5	0
I	Feb 2017	307	43	13	19	10	0
C	Mar 2017	312	97	19	22	0	0
	Winter 2017	**1945**	**289**	**87**	**107**	**46**	**0**
A	Apr 2017	270	102	15	22	6	0
L	May 2017	291	105	43	72	17	4
*	Jun 2017	346	102	40	66	8	6
	Jul 2017	360	84	34	41	22	10
	Aug 2017	381	55	35	41	21	10
	Sep 2017	280	53	33	40	20	7
	Summer 2017	**1928**	**500**	**200**	**283**	**94**	**36**
	Oct 2017	270	54	20	25	13	7
	Nov 2017	269	53	19	23	12	7
	Dec 2017	301	62	34	41	21	7
	Jan 2018	359	63	13	17	9	6
	Feb 2018	312	57	10	14	7	6
	Mar 2018	331	49	11	15	8	8
	Winter 2018	**1842**	**338**	**108**	**135**	**70**	**40**
	Apr 2018	293	48	15	22	12	6
	May 2018	295	68	45	62	23	6
	Jun 2018	317	60	21	32	20	8
	Jul 2018	362	36	32	39	21	10
	Aug 2018	382	36	34	40	21	10
	Sep 2018	284	35	33	40	20	6
	Summer 2018	**1933**	**283**	**180**	**234**	**117**	**45**
	Oct 2018	271	36	19	23	12	6
	Nov 2018	270	35	17	21	11	6
	Dec 2018	302	36	28	35	18	6
	Jan 2019	360	36	12	15	8	5
	Feb 2019	312	32	9	13	7	4
	Mar 2019	332	36	11	15	8	5
	Winter 2019	**1515**	**175**	**85**	**106**	**55**	**27**
	Apr 2019	294	35	14	21	12	5
	May 2019	297	56	46	65	23	7
	Jun 2019	321	53	25	36	22	9

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 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****							****EFFECTIVE SPACE****										
Jul 2017	372	36	298	8914	9621	17406	27027	154	12	8	175	8914	17406	26495	1500	848	0	33.9
								****CREDITABLE SPACE****										
Aug 2017	239	19	340	8891	9489	17423	26913	239	19	340	598	8891	17423	26913	1500	743	0	33.7
Sep 2017	253	57	372	9186	9868	17251	27119	253	57	372	682	9186	17251	27119	2270	715	0	33.3
Oct 2017	312	113	380	9343	10147	17276	27423	312	113	380	804	9343	17276	27423	3040	570	0	33.0
Nov 2017	371	135	373	9435	10313	17205	27518	371	135	373	878	9435	17205	27518	3810	684	0	32.8
Dec 2017	432	160	367	9542	10502	17238	27740	432	160	367	959	9542	17238	27740	4580	645	0	32.6
Jan 2018	544	240	369	9718	10872	17165	28037	544	240	369	1154	9718	17165	28037	5350	716	0	32.4
								****EFFECTIVE SPACE****										
Jan 2018	544	240	369	9718	10872	17165	28037	162	222	369	754	9718	17165	27637	5350	716	0	32.4
Feb 2018	652	256	371	10077	11356	17008	28364	271	238	371	880	10077	17008	27966	1500	607	0	32.2
Mar 2018	744	266	367	10331	11707	16844	28551	362	250	367	979	10331	16844	28154	1500	1036	0	31.8
Apr 2018	765	266	331	10564	11926	17070	28996	378	252	331	961	10564	17070	28595	1500	1095	0	31.6
May 2018	753	249	273	10520	11796	17457	29253	359	233	273	865	10520	17457	28842	1500	966	0	32.4
Jun 2018	715	210	111	9603	10639	17744	28383	311	189	111	611	9603	17744	27958	1500	864	0	33.9
Jul 2018	533	37	28	8386	8984	17920	26905	115	-3	0	112	8386	17920	26418	1500	824	0	33.8
								****CREDITABLE SPACE****										
Aug 2018	435	35	89	8531	9090	17917	27007	435	35	89	559	8531	17917	27007	1500	767	0	33.4
Sep 2018	464	83	151	8914	9613	17769	27382	464	83	151	698	8914	17769	27382	2270	695	0	33.0
Oct 2018	516	144	278	9035	9974	17772	27745	516	144	278	938	9035	17772	27745	3040	489	0	32.7
Nov 2018	563	165	277	9179	10184	17626	27811	563	165	277	1005	9179	17626	27811	3810	634	0	32.5
Dec 2018	610	189	283	9328	10410	17615	28026	610	189	283	1083	9328	17615	28026	4580	592	0	32.4
Jan 2019	675	257	294	9559	10785	17495	28280	675	257	294	1226	9559	17495	28280	5350	723	0	32.1
								****EFFECTIVE SPACE****										
Jan 2019	675	257	294	9559	10785	17495	28280	388	257	63	708	9559	17495	27762	5350	723	0	32.1
Feb 2019	734	271	307	9953	11266	17344	28610	446	271	76	793	9953	17344	28090	1500	610	0	31.9
Mar 2019	781	279	309	10245	11614	17182	28796	490	279	76	846	10245	17182	28272	1500	1041	0	31.6
Apr 2019	781	280	254	10445	11761	17412	29173	486	280	15	781	10445	17412	28638	1500	1100	0	31.5
May 2019	749	254	165	10318	11486	17802	29288	448	254	-98	604	10318	17802	28724	1500	971	0	32.7
Jun 2019	667	196	233	8928	10024	18093	28117	356	196	-70	482	8928	18093	27503	1500	869	0	34.2

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