May 24-Month Study
Date: May 12, 2017

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

Current Reservoir Status

Reservoir	April Inflow (unregulated) (acre-feet)	Percent of Average (%)	May 10, Midnight Elevation (feet)	May 10, Midnight Reservoir Storage (acre-feet)
Fontenelle	225,000	343	6,468.66	113,000
Flaming Gorge	350,000	391	6,022.27	3,061,000
Blue Mesa	145,000	193	7,502.33	681,000
Navajo	235,000	185	6,087.24	1,737,000
Powell	1,607,000	167	3,606.92	12,422,000

Expected Operations

The operation of Lake Powell and Lake Mead in this May 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 May 24-Month Study projects a balancing release of 9.0 maf in water year 2017; however, the actual release in water year 2017 will depend on hydrology in the remainder of water year and

will range from 8.23 to 9.0 maf. The projected release from Lake Powell in water year 2017 will be updated each month throughout the remainder of the water year.

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 6471 feet, which amounts to 37 percent of live storage capacity. Inflows for the month of April totaled 225,000 acre-feet (af), or 263 percent of average. Above average inflows are occurring and releases are being adjusted to keep the reservoir elevation low in anticipation of a large runoff. Releases are currently set at 7,000 cubic feet per second (cfs) as of May 10, 2017.

The Colorado Basin River Forecast Center has forecasted spring and summer inflows that are significantly above average. May, June and July forecasted inflow volumes amount to 435,000 af (266 percent of average), 640,000 af (211 percent of average), and 380,000 af (201 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 at full power plant capacity (~4,600 cfs) and full bypass capacity (4,000 cfs) for a total release of ~8,600 cfs, and are expected to remain at this level through June.

Unregulated inflow into Flaming Gorge Reservoir during the month of April was 350,000 af, or 263 percent of average. The reservoir elevation is 6,022.31 feet (82 percent of live capacity) and increasing.

The May final forecast for inflows for the next three months projects above average conditions: May, June and July forecasted inflow volumes at 640,000 af (261 percent of average), 810,000 af (208 percent of average), and 460,000 af (219 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 (231 percent of average). Current snowpack is 170

percent of median and we have received 119 percent of the season peak for the Upper Green Basin with additional storm systems anticipated over the next week.

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 – Crystal Dam is currently releasing 1,900 cfs and the Uncompahgre Valley Water Users Association has started diverting water through the Gunnison Tunnel. Currently, tunnel diversions are near capacity at approximately 1000 cfs and the flows in the Black Canyon are approximately 900 cfs. Beginning on May 14, 2017, release from Aspinall will be increased in preparation for a peak release to meet the flow objectives of the Aspinall Record of Decision (2012). Releases from Aspinall will be managed to attempt to achieve a full bank flow of 14,350 cfs for at least 10 days inclusively with a half bank flow of 8,070 for at least 40 days. Releases from Aspinall are projected to be greater 10,000 cfs for several days during this operation. High releases from Aspinall, greater than 5,000 cfs, will likely continue into early June.

The April unregulated inflow to Blue Mesa Reservoir was 145,000 af (193 percent of average). The end of April reservoir elevation for Blue Mesa was 7,499.55 feet with live storage in Blue Mesa measuring approximately 657,600 af (79 percent full).

Unregulated Inflows to Blue Mesa for the next three months (May, June and July) are projected to be: 265,000 af (120 percent of average), 320,000 af (121 percent of average) and 120,000 af (103 percent of average), respectively. The April through July unregulated inflow forecast decreased from 930,000 af (138 percent of average) for April to 850,000 af (126 percent of average) for April. The April 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.

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 May 3rd, 2017, Navajo reservoir elevation is 6078.4 feet (1.6 maf live storage) and is releasing 1260 cfs. The spring peak release is starting ramp-up on this date. 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 for April for Navajo Reservoir was 236,000 af, which was 139% of average. Releases averaged 582 cfs and the total volume released in April was 34,650 af.

The most probable modified-unregulated inflow forecast for the next three months (May, June, July) are 250,000 af (88 percent of average), 170,000 af (76 percent of average) and 41,000 af (62 percent of average), respectively.

Under the current Most Probable April-July inflow forecast of 695,000 af (94 percent of average), Navajo has enough available water for a spring peak release of 35 days at 5,000 cfs. The ramp-up lasting 2-3 weeks began on May 3rd. Navajo releases are timed to match the peak on the Animas River.

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 April was 1.61 maf (152 percent of average). The release volume from Glen Canyon Dam in April was 621 thousand acre-feet (kaf). The end of April elevation and storage of Lake Powell were 3,604 feet (96 feet from full pool) and 12.15 maf (50 percent of full capacity), respectively. The reservoir reached a seasonal low elevation on March 15th near elevation 3593.85 feet. Since that time the reservoir has been increasing as the first of the spring runoff is now entering the reservoir.

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; the actual release in water year 2017, however, will depend on hydrology in the remainder of water year and will range from 8.23 to 9.0 maf. The projected release from Lake Powell in water year 2017 will be updated each month throughout the remainder of the water year. 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 May, the release volume will be approximately 650 kaf, with fluctuations anticipated between about 7,000 cfs in the nighttime to about 13,000 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 June is 750 kaf with daily fluctuations between approximately 9,000 cfs and 15,000 cfs. The expected release for July is 850 kaf with daily fluctuations between approximately 9,500 cfs and 17,500 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 through July 2017 water supply forecast for unregulated inflow to Lake Powell, issued on May 3, 2017, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 8.8 maf (123 percent of average based on the period 1981-2010). The forecast decreased by 500 kaf since last

month. At this point in the season, there is still uncertainty regarding this year's water supply and the total inflow to Lake Powell. The spring runoff forecast ranges from a minimum probable of 7.2 maf (101 percent of average) to a maximum probable of 11.0 maf (154 percent of average). There is 10 percent chance that inflows could be higher than the maximum probable and a 10 percent chance they could be lower than the minimum probable.

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 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 May 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. If inflows are less than the minimum probable forecast, the water year 2017 annual release could be as low as 8.23 maf. If inflows are greater than the current forecasted maximum probable inflow, the annual release will be 9.0 maf. The projected release from Lake Powell in water year 2017 will be updated each month throughout the remainder of the water year.

Based on the current forecast, the May 24-Month Study projects Lake Powell elevation will end water year 2017 near 3,638 feet with approximately 15.72 maf in storage (65 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 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 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 12.93 maf (119 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 33.8 maf (57 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			apr	Forecast			Outlook	
:	jan	feb	mar	apr	%Avg	may	jun	jul	apr-jul %Avg
GLDA3:Lake Powell	359	555	1112	1607	152%:	2900/	3100/	1190/	8800/: 123%
GBRW4:Fontenelle	45	51	180	225	263%:	435/	640/	380/	1680/: 232%
GRNU1:Flaming Gorge	49	106	400	350	263%:	640/	810/	460/	2260/: 231%
BMDC2:Blue Mesa	29	28	70	145	188%:	265/	320/	120/	850/: 126%
MPSC2:Morrow Point	30	29	74	157	178%:	295/	345/	123/	920/: 124%
CLSC2:Crystal	35	34	81	167	166%:	340/	380/	138/	1025/: 123%
TPIC2:Taylor Park	5.5	4.2	5.7	13.0	148%:	32/	47/	19/	111/: 112%
VCRC2:Vallecito	6.8	7.3	24	45	193%:	71/	65/	24/	205/: 106%
NVRN5:Navajo	34	55	176	234	137%:	250/	170/	41/	695/: 95%
LEMC2:Lemon	1.06	1.14	4.1	9.8	174%:	20/	18/	5/	53/: 96%
MPHC2:McPhee	5.1	8.4	57	96	133%:	135/	84/	20/	335/: 114%
RBSC2:Ridgway	4.5	4.5	7.8	11.9	111%:	29/	41/	20/	102/: 101%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 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)
*	May 2016	186	2	86	20	106	6493.63	252
H	Jun 2016	293	2	101	143	243	6500.14	299
I	Jul 2016	80	3	73	3	76	6500.25	300
S	Aug 2016	29	2	65	0	65	6495.03	262
T	Sep 2016	26	2	36	21	58	6490.22	229
	WY 2016	**943**	**15**	**739**	**213**	**952**		
O	Oct 2016	57	1	0	57	57	6490.08	228
R	Nov 2016	62	1	0	59	59	6490.44	230
I	Dec 2016	37	1	0	63	63	6486.33	203
C	Jan 2017	45	1	0	63	63	6483.20	184
A	Feb 2017	51	1	0	57	57	6482.06	178
L	Mar 2017	180	1	0	150	150	6486.90	207
*	Apr 2017	225	1	0	304	304	6472.17	128
	May 2017	435	1	99	280	380	6482.76	182
	Jun 2017	640	2	104	372	476	6505.80	344
	Jul 2017	380	3	98	286	384	6504.91	337
	Aug 2017	145	2	101	84	185	6499.41	294
	Sep 2017	85	2	99	0	99	6497.25	279
	WY 2017	**2342**	**15**	**503**	**1775**	**2278**		
	Oct 2017	76	1	74	0	74	6497.43	280
	Nov 2017	54	1	71	0	71	6494.92	262
	Dec 2017	32	1	74	0	74	6488.62	219
	Jan 2018	30	1	74	0	74	6481.50	175
	Feb 2018	28	1	67	0	67	6473.75	136
	Mar 2018	53	0	74	0	74	6468.80	114
	Apr 2018	85	1	89	0	89	6467.72	110
	May 2018	164	1	98	7	105	6480.18	168
	Jun 2018	299	2	102	69	171	6499.31	294
	Jul 2018	178	3	101	28	129	6505.22	339
	Aug 2018	77	2	92	0	92	6502.94	321
	Sep 2018	46	2	68	0	68	6499.84	298
	WY 2018	**1121**	**15**	**984**	**104**	**1087**		
	Oct 2018	49	1	70	0	70	6496.76	275
	Nov 2018	42	1	68	0	68	6493.03	249
	Dec 2018	32	1	70	0	70	6487.18	210
	Jan 2019	30	1	70	0	70	6480.45	169
	Feb 2019	28	1	63	0	63	6473.20	133
	Mar 2019	53	0	70	0	70	6469.09	115
	Apr 2019	85	1	89	0	89	6468.02	111

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

Model Run ID: 3035

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 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)
*	May 2016	362	282	8	52	0	52	138	6032.01	3427	701
H	Jun 2016	455	405	11	270	198	469	135	6030.17	3356	965
I	Jul 2016	91	88	13	116	4	120	133	6029.03	3312	220
S	Aug 2016	28	64	13	110	0	110	131	6027.55	3255	133
T	Sep 2016	36	67	11	107	0	107	129	6026.27	3207	128
	WY 2016	**1427**	**1437**	**80**	**1406**	**203**	**1609**				**3435**
O	Oct 2016	70	70	7	85	0	85	128	6025.69	3186	119
R	Nov 2016	73	70	4	77	0	77	128	6025.41	3175	112
I	Dec 2016	35	61	2	106	0	106	126	6024.19	3130	136
C	Jan 2017	49	67	2	110	0	110	124	6023.01	3087	155
A	Feb 2017	106	112	2	109	0	109	124	6023.03	3088	189
L	Mar 2017	400	370	3	256	26	282	128	6025.25	3169	408
*	Apr 2017	350	428	5	268	244	511	124	6022.93	3084	745
	May 2017	640	585	7	290	239	529	126	6024.21	3131	979
	Jun 2017	810	646	10	281	231	512	131	6027.42	3250	852
	Jul 2017	460	464	14	175	0	175	141	6034.24	3516	243
	Aug 2017	175	215	13	142	0	142	144	6035.67	3573	162
	Sep 2017	100	114	12	137	0	137	142	6034.83	3540	152
	WY 2017	**3267**	**3202**	**81**	**2036**	**740**	**2776**				**4253**
	Oct 2017	91	89	8	142	0	142	140	6033.36	3481	170
	Nov 2017	65	82	4	137	0	137	138	6031.94	3424	167
	Dec 2017	35	77	2	142	0	142	135	6030.28	3360	167
	Jan 2018	40	84	2	142	0	142	133	6028.78	3302	167
	Feb 2018	45	84	2	128	0	128	131	6027.59	3257	156
	Mar 2018	102	124	3	142	0	142	130	6027.04	3236	219
	Apr 2018	134	137	5	137	0	137	130	6026.91	3231	353
	May 2018	245	186	8	191	0	191	130	6026.57	3219	723
	Jun 2018	390	262	10	187	0	187	132	6028.20	3280	608
	Jul 2018	210	162	14	98	0	98	134	6029.45	3328	198
	Aug 2018	89	104	13	98	0	98	134	6029.28	3322	124
	Sep 2018	55	77	11	95	0	95	133	6028.55	3293	114
	WY 2018	**1500**	**1466**	**80**	**1642**	**0**	**1642**				**3166**
	Oct 2018	59	81	7	98	0	98	132	6027.91	3269	131
	Nov 2018	51	77	3	95	0	95	131	6027.36	3248	127
	Dec 2018	35	73	2	98	0	98	130	6026.66	3222	124
	Jan 2019	40	80	2	98	0	98	129	6026.15	3203	123
	Feb 2019	45	80	2	89	0	89	128	6025.87	3192	117
	Mar 2019	102	120	3	98	0	98	129	6026.34	3210	175
	Apr 2019	134	137	5	95	0	95	131	6027.30	3246	310

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

Model Run ID: 3035

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 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)
*	May 2016	17	11	9314.16	77
H	Jun 2016	41	20	9325.34	97
I	Jul 2016	11	21	9320.04	87
S	Aug 2016	9	16	9315.75	79
T	Sep 2016	6	14	9310.77	71
	WY 2016	**125**	**125**		
O	Oct 2016	5	6	9310.23	70
R	Nov 2016	4	5	9309.76	70
I	Dec 2016	5	5	9309.56	69
C	Jan 2017	6	5	9309.76	70
A	Feb 2017	4	5	9309.43	69
L	Mar 2017	6	6	9309.23	69
*	Apr 2017	13	8	9312.04	73
	May 2017	30	10	9323.15	93
	Jun 2017	47	30	9330.00	106
	Jul 2017	21	26	9327.52	101
	Aug 2017	11	23	9321.30	89
	Sep 2017	9	18	9316.25	80
	WY 2017	**160**	**147**		
	Oct 2017	8	8	9316.19	80
	Nov 2017	5	6	9315.62	79
	Dec 2017	5	6	9314.85	78
	Jan 2018	4	6	9313.87	76
	Feb 2018	4	6	9312.55	74
	Mar 2018	4	6	9311.60	72
	Apr 2018	9	6	9313.27	75
	May 2018	28	20	9318.09	84
	Jun 2018	42	22	9328.52	103
	Jul 2018	20	22	9327.58	101
	Aug 2018	10	20	9322.55	92
	Sep 2018	7	16	9317.82	83
	WY 2018	**147**	**144**		
	Oct 2018	7	8	9317.06	82
	Nov 2018	5	6	9316.55	81
	Dec 2018	5	6	9315.79	79
	Jan 2019	4	6	9314.83	78
	Feb 2019	4	6	9313.52	76
	Mar 2019	4	6	9312.58	74
	Apr 2019	9	6	9314.23	77

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

Model Run ID: 3035

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 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)
*	May 2016	161	155	1	134	19	153	7488.74	572
H	Jun 2016	285	265	1	46	0	46	7514.84	788
I	Jul 2016	81	91	2	112	0	112	7512.31	766
S	Aug 2016	57	65	1	110	0	110	7506.94	720
T	Sep 2016	38	46	1	100	0	100	7500.48	665
	WY 2016	**881**	**882**	**9**	**913**	**19**	**934**		
O	Oct 2016	32	33	1	90	0	90	7493.44	608
R	Nov 2016	26	27	0	33	0	33	7492.53	601
I	Dec 2016	26	26	0	35	0	35	7491.43	593
C	Jan 2017	29	28	0	34	0	34	7490.68	587
A	Feb 2017	28	29	0	44	1	44	7488.71	571
L	Mar 2017	70	70	0	69	0	70	7488.71	571
*	Apr 2017	145	140	1	53	0	53	7499.55	658
	May 2017	265	245	1	207	130	337	7487.83	565
	Jun 2017	320	302	1	200	40	239	7495.69	626
	Jul 2017	120	125	1	87	0	87	7500.17	663
	Aug 2017	64	76	1	95	0	95	7497.68	642
	Sep 2017	47	56	1	80	0	80	7494.53	617
	WY 2017	**1172**	**1159**	**8**	**1028**	**171**	**1199**		
	Oct 2017	44	44	1	49	0	49	7493.91	612
	Nov 2017	34	35	0	38	0	38	7493.40	608
	Dec 2017	26	27	0	61	0	61	7489.05	574
	Jan 2018	24	26	0	55	0	55	7485.29	545
	Feb 2018	22	25	0	38	0	38	7483.48	532
	Mar 2018	36	38	0	44	0	44	7482.59	525
	Apr 2018	77	74	1	54	0	54	7485.23	545
	May 2018	221	213	1	139	0	139	7494.57	617
	Jun 2018	261	241	1	66	0	66	7515.20	792
	Jul 2018	117	119	2	105	0	105	7516.52	804
	Aug 2018	63	73	1	127	0	127	7510.33	749
	Sep 2018	38	47	1	117	0	117	7501.97	678
	WY 2018	**964**	**961**	**9**	**892**	**0**	**892**		
	Oct 2018	38	40	1	74	0	74	7497.75	643
	Nov 2018	31	32	0	49	0	49	7495.64	626
	Dec 2018	26	27	0	76	0	76	7489.40	577
	Jan 2019	24	26	0	55	0	55	7485.65	548
	Feb 2019	22	25	0	44	0	44	7483.09	529
	Mar 2019	36	38	0	45	0	45	7482.04	521
	Apr 2019	77	74	1	55	0	55	7484.53	540

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

Model Run ID: 3035

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 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)
*	May 2016	176	153	15	168	176	4	180	7136.53	99
H	Jun 2016	302	46	18	64	52	0	52	7152.31	111
I	Jul 2016	83	112	2	114	113	0	113	7153.43	112
S	Aug 2016	58	110	1	111	111	0	111	7153.88	112
T	Sep 2016	39	100	1	100	103	0	103	7150.03	109
	WY 2016	**931**	**934**	**49**	**983**	**972**	**5**	**978**		
O	Oct 2016	33	90	1	91	93	0	93	7146.55	106
R	Nov 2016	28	33	2	36	32	0	35	7147.39	107
I	Dec 2016	27	35	1	36	34	0	34	7150.44	109
C	Jan 2017	30	34	2	36	33	0	33	7153.75	112
A	Feb 2017	29	44	1	45	55	0	55	7140.48	102
L	Mar 2017	74	70	5	74	64	0	68	7148.96	108
*	Apr 2017	157	53	12	66	65	0	65	7149.64	109
	May 2017	295	337	30	367	305	59	364	7153.73	112
	Jun 2017	345	239	25	264	264	0	264	7153.73	112
	Jul 2017	123	87	3	90	90	0	90	7153.73	112
	Aug 2017	68	95	4	99	99	0	99	7153.73	112
	Sep 2017	50	80	3	83	83	0	83	7153.73	112
	WY 2017	**1261**	**1199**	**89**	**1287**	**1219**	**59**	**1284**		
	Oct 2017	47	49	3	52	52	0	52	7153.73	112
	Nov 2017	36	38	2	41	41	0	41	7153.73	112
	Dec 2017	28	61	2	63	63	0	63	7153.73	112
	Jan 2018	27	55	2	57	57	0	57	7153.73	112
	Feb 2018	25	38	3	40	40	0	40	7153.73	112
	Mar 2018	40	44	4	48	48	0	48	7153.73	112
	Apr 2018	88	54	11	65	65	0	65	7153.73	112
	May 2018	247	139	26	165	165	0	165	7153.73	112
	Jun 2018	281	66	20	86	86	0	86	7153.73	112
	Jul 2018	123	105	6	112	112	0	112	7153.73	112
	Aug 2018	67	127	3	130	130	0	130	7153.73	112
	Sep 2018	41	117	3	119	119	0	119	7153.73	112
	WY 2018	**1049**	**892**	**85**	**977**	**977**	**0**	**977**		
	Oct 2018	41	74	3	76	76	0	76	7153.73	112
	Nov 2018	33	49	2	51	51	0	51	7153.73	112
	Dec 2018	28	76	2	78	78	0	78	7153.73	112
	Jan 2019	27	55	2	57	57	0	57	7153.73	112
	Feb 2019	25	44	3	46	46	0	46	7153.73	112
	Mar 2019	40	45	4	49	49	0	49	7153.73	112
	Apr 2019	88	55	11	66	66	0	66	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

May 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)
*	May 2016	194	180	18	198	109	64	197	6753.13	17	51	154
H	Jun 2016	344	52	41	93	74	20	93	6752.00	17	43	53
I	Jul 2016	89	113	6	119	117	2	119	6750.04	16	64	58
S	Aug 2016	62	111	4	114	114	0	114	6749.30	16	62	53
T	Sep 2016	42	103	3	106	106	1	107	6747.05	15	59	47
	WY 2016	**1034**	**978**	**103**	**1081**	**811**	**243**	**1080**			**384**	**724**
O	Oct 2016	37	93	4	97	97	0	97	6747.92	15	57	39
R	Nov 2016	31	35	3	38	37	0	37	6750.47	16	1	36
I	Dec 2016	31	34	4	38	36	1	37	6751.45	17	0	37
C	Jan 2017	35	33	4	37	36	2	37	6750.29	16	1	37
A	Feb 2017	34	55	4	59	56	4	60	6749.56	16	0	60
L	Mar 2017	81	68	6	74	0	73	73	6752.06	17	8	66
*	Apr 2017	167	65	10	75	31	44	75	6751.65	17	39	37
	May 2017	340	364	45	409	135	274	409	6753.04	17	55	354
	Jun 2017	380	264	35	299	130	170	299	6753.04	17	60	239
	Jul 2017	138	90	15	105	105	0	105	6753.04	17	65	40
	Aug 2017	74	99	6	105	105	0	105	6753.04	17	65	40
	Sep 2017	57	83	7	90	90	0	90	6753.04	17	55	35
	WY 2017	**1404**	**1284**	**144**	**1428**	**858**	**568**	**1426**			**407**	**1021**
	Oct 2017	54	52	7	58	58	0	58	6753.04	17	30	28
	Nov 2017	41	41	5	46	46	0	46	6753.04	17	0	46
	Dec 2017	32	63	5	68	68	0	68	6753.04	17	0	68
	Jan 2018	31	57	5	61	61	0	61	6753.04	17	0	61
	Feb 2018	29	40	4	44	44	0	44	6753.04	17	0	44
	Mar 2018	46	48	6	54	54	0	54	6753.04	17	5	49
	Apr 2018	101	65	12	77	77	0	77	6753.04	17	30	47
	May 2018	281	165	34	199	134	65	199	6753.04	17	55	144
	Jun 2018	315	86	34	119	119	0	119	6753.04	17	60	59
	Jul 2018	138	112	14	126	126	0	126	6753.04	17	65	61
	Aug 2018	75	130	8	138	134	4	138	6753.04	17	65	73
	Sep 2018	47	119	6	126	126	0	126	6753.04	17	55	71
	WY 2018	**1190**	**977**	**140**	**1118**	**1048**	**69**	**1118**			**365**	**753**
	Oct 2018	47	76	6	82	82	0	82	6753.04	17	30	52
	Nov 2018	38	51	5	56	56	0	56	6753.04	17	0	56
	Dec 2018	32	78	5	83	83	0	83	6753.04	17	0	83
	Jan 2019	31	57	5	61	61	0	61	6753.04	17	0	61
	Feb 2019	29	46	4	50	50	0	50	6753.04	17	0	50
	Mar 2019	46	49	6	55	55	0	55	6753.04	17	5	50
	Apr 2019	101	66	12	79	79	0	79	6753.04	17	30	49

* 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

May 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)
*	May 2016	60	44	7663.23	121
H	Jun 2016	77	73	7664.30	124
I	Jul 2016	17	38	7656.15	102
S	Aug 2016	15	33	7648.82	84
T	Sep 2016	14	27	7643.21	71
	WY 2016	**269**	**270**		
O	Oct 2016	11	8	7644.63	74
R	Nov 2016	6	2	7646.51	79
I	Dec 2016	6	2	7647.98	82
C	Jan 2017	7	5	7648.89	84
A	Feb 2017	7	15	7645.42	76
L	Mar 2017	24	24	7645.75	77
*	Apr 2017	45	35	7649.82	87
	May 2017	71	37	7663.20	121
	Jun 2017	65	61	7664.63	124
	Jul 2017	24	42	7657.76	106
	Aug 2017	17	38	7649.19	85
	Sep 2017	14	30	7642.22	69
	WY 2017	**298**	**297**		
	Oct 2017	14	17	7640.45	65
	Nov 2017	8	2	7643.35	72
	Dec 2017	6	2	7645.31	76
	Jan 2018	5	2	7646.82	79
	Feb 2018	5	2	7648.09	82
	Mar 2018	9	2	7650.84	89
	Apr 2018	23	2	7659.27	110
	May 2018	71	58	7664.05	123
	Jun 2018	70	70	7663.92	123
	Jul 2018	29	42	7658.91	109
	Aug 2018	20	38	7651.58	91
	Sep 2018	17	30	7646.32	78
	WY 2018	**278**	**265**		
	Oct 2018	16	17	7645.55	77
	Nov 2018	9	2	7648.50	83
	Dec 2018	6	2	7650.35	88
	Jan 2019	5	2	7651.79	91
	Feb 2019	5	2	7652.99	94
	Mar 2019	9	2	7655.61	101
	Apr 2019	23	6	7662.05	117

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

Model Run ID: 3035

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 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)
*	May 2016	209	28	165	4	12	91	6074.87	1549	158
H	Jun 2016	214	35	174	5	25	250	6067.29	1443	387
I	Jul 2016	24	4	40	5	37	79	6061.29	1364	105
S	Aug 2016	30	4	45	4	33	35	6059.16	1337	56
T	Sep 2016	21	1	33	3	27	30	6056.98	1310	41
	WY 2016	**863**	**96**	**769**	**29**	**169**	**653**			**1066**
O	Oct 2016	27	0	24	2	5	27	6056.19	1300	46
R	Nov 2016	24	0	19	1	0	22	6055.87	1296	43
I	Dec 2016	25	0	22	1	0	20	6055.92	1297	39
C	Jan 2017	34	0	31	1	0	22	6056.65	1306	38
A	Feb 2017	55	1	62	1	1	26	6059.31	1339	48
L	Mar 2017	176	17	159	2	6	30	6068.54	1460	89
*	Apr 2017	235	33	192	3	19	33	6078.18	1598	132
	May 2017	250	46	170	4	28	251	6070.24	1484	411
	Jun 2017	170	41	125	4	41	273	6055.39	1290	419
	Jul 2017	41	8	51	4	45	43	6052.02	1249	99
	Aug 2017	31	2	50	3	38	34	6049.89	1224	69
	Sep 2017	32	1	47	3	21	29	6049.43	1219	58
	WY 2017	**1100**	**148**	**951**	**27**	**205**	**810**			**1491**
	Oct 2017	39	2	41	2	7	22	6050.31	1229	48
	Nov 2017	31	1	23	1	-1	21	6050.51	1232	38
	Dec 2017	25	0	20	1	-1	22	6050.43	1231	37
	Jan 2018	22	0	18	1	0	22	6050.11	1227	35
	Feb 2018	30	0	27	1	0	19	6050.69	1234	32
	Mar 2018	92	3	83	2	5	22	6055.23	1288	44
	Apr 2018	170	16	133	2	21	21	6062.31	1378	73
	May 2018	277	38	226	4	35	192	6061.96	1373	338
	Jun 2018	224	31	192	4	51	238	6053.88	1272	389
	Jul 2018	66	6	73	4	56	27	6052.74	1258	94
	Aug 2018	45	1	62	3	47	34	6050.88	1236	72
	Sep 2018	43	1	55	3	26	26	6050.87	1236	59
	WY 2018	**1064**	**98**	**953**	**26**	**247**	**663**			**1259**
	Oct 2018	47	2	47	2	10	22	6052.05	1250	50
	Nov 2018	34	1	26	1	0	21	6052.39	1254	39
	Dec 2018	25	0	20	1	0	22	6052.25	1252	37
	Jan 2019	22	0	18	1	0	22	6051.94	1249	35
	Feb 2019	30	0	27	1	0	19	6052.51	1255	32
	Mar 2019	92	2	83	2	5	22	6057.00	1310	44
	Apr 2019	170	15	138	2	21	21	6064.37	1404	73

* 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

May 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)
*	May 2016	2294	1925	26	700	0	700	3603.87	5024	12123	709
H	Jun 2016	2907	2618	46	800	0	800	3620.01	5155	13764	807
I	Jul 2016	595	804	58	950	0	950	3618.22	5140	13576	963
S	Aug 2016	253	432	56	900	0	900	3613.55	5101	13091	914
T	Sep 2016	281	461	50	699	0	699	3610.93	5080	12824	712
	WY 2016	**9616**	**9909**	**378**	**9000**	**0**	**9000**				**9117**
O	Oct 2016	381	477	35	601	0	601	3609.48	5068	12678	610
R	Nov 2016	383	389	33	624	126	750	3605.81	5039	12313	754
I	Dec 2016	300	366	26	898	0	898	3600.49	4997	11797	913
C	Jan 2017	359	415	8	880	0	880	3595.86	4962	11359	900
A	Feb 2017	555	565	8	711	0	711	3594.33	4951	11217	720
L	Mar 2017	1112	895	14	722	0	722	3595.91	4963	11364	730
*	Apr 2017	1607	1492	23	621	0	621	3604.14	5026	12149	629
	May 2017	2900	2933	30	646	0	646	3624.43	5193	14239	652
	Jun 2017	3100	2906	53	750	0	750	3641.55	5349	16187	756
	Jul 2017	1190	926	67	850	0	850	3641.62	5349	16195	865
	Aug 2017	600	641	66	900	0	900	3639.07	5325	15894	914
	Sep 2017	450	539	60	670	0	670	3637.57	5311	15717	679
	WY 2017	**12937**	**12545**	**421**	**8874**	**126**	**9000**				**9122**
	Oct 2017	547	594	41	640	0	640	3636.87	5305	15637	646
	Nov 2017	489	557	40	640	0	640	3635.89	5296	15523	644
	Dec 2017	363	501	31	720	0	720	3633.87	5277	15291	726
	Jan 2018	361	493	10	1090	0	1090	3628.89	5232	14729	1096
	Feb 2018	393	482	10	960	0	960	3624.78	5196	14276	962
	Mar 2018	665	650	17	1020	0	1020	3621.45	5167	13918	1025
	Apr 2018	1056	923	27	900	0	900	3621.42	5167	13915	908
	May 2018	2343	2195	33	900	0	900	3632.05	5260	15084	906
	Jun 2018	2666	2365	54	950	0	950	3642.86	5361	16344	956
	Jul 2018	1091	990	67	1070	0	1070	3641.72	5350	16207	1085
	Aug 2018	500	610	66	1150	0	1150	3636.95	5305	15646	1164
	Sep 2018	408	537	59	846	0	846	3634.00	5278	15305	855
	WY 2018	**10882**	**10896**	**455**	**10886**	**0**	**10886**				**10972**
	Oct 2018	512	573	40	640	0	640	3633.13	5270	15206	646
	Nov 2018	473	523	39	640	0	640	3631.85	5259	15061	644
	Dec 2018	363	473	31	720	0	720	3629.57	5238	14804	726
	Jan 2019	361	449	10	760	0	760	3626.89	5214	14508	766
	Feb 2019	393	448	10	680	0	680	3624.84	5196	14283	682
	Mar 2019	665	607	17	710	0	710	3623.82	5187	14172	715
	Apr 2019	1056	881	27	640	0	640	3625.64	5203	14371	648

* 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

May 2017 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	May 2016	700	50	43	887	14.4	22	885	618	1073.80	9504
H	Jun 2016	800	14	51	920	15.5	28	919	606	1071.64	9330
I	Jul 2016	950	70	64	831	13.5	30	830	612	1072.75	9419
S	Aug 2016	900	107	69	701	11.4	28	700	625	1075.17	9615
T	Sep 2016	699	88	57	702	11.8	22	701	625	1075.23	9620
	WY 2016	**9000**	**798**	**531**	**9293**		**224**	**9282**			
O	Oct 2016	601	78	42	518	8.4	23	517	631	1076.34	9710
R	Nov 2016	750	77	42	751	12.6	16	750	632	1076.55	9727
I	Dec 2016	898	63	36	542	8.8	8	536	655	1080.82	10079
C	Jan 2017	880	128	30	500	8.1	7	494	684	1086.08	10521
A	Feb 2017	711	148	28	488	8.8	5	487	704	1089.78	10838
L	Mar 2017	722	97	32	911	14.8	16	910	696	1088.26	10707
*	Apr 2017	621	94	39	961	16.1	21	960	677	1084.89	10420
	May 2017	646	26	44	928	15.1	29	928	657	1081.21	10111
	Jun 2017	750	10	53	852	14.3	29	852	647	1079.24	9948
	Jul 2017	850	77	66	766	12.5	32	766	650	1079.95	10007
	Aug 2017	900	127	71	772	12.6	30	772	660	1081.69	10151
	Sep 2017	670	110	58	759	12.8	27	759	656	1080.96	10091
	WY 2017	**9000**	**1036**	**541**	**8748**		**245**	**8731**			
	Oct 2017	640	71	42	609	9.9	23	609	658	1081.37	10125
	Nov 2017	640	65	42	755	12.7	14	755	652	1080.16	10024
	Dec 2017	720	51	36	716	11.6	11	716	652	1080.24	10031
	Jan 2018	1090	64	30	728	11.8	7	728	676	1084.60	10396
	Feb 2018	960	72	28	658	11.8	8	658	696	1088.33	10714
	Mar 2018	1020	46	32	1028	16.7	16	1028	696	1088.22	10704
	Apr 2018	900	39	39	1106	18.6	23	1106	682	1085.69	10488
	May 2018	900	26	45	953	15.5	29	953	676	1084.58	10394
	Jun 2018	950	10	54	850	14.3	29	850	677	1084.88	10420
	Jul 2018	1070	77	68	807	13.1	32	807	692	1087.54	10646
	Aug 2018	1150	127	73	758	12.3	30	758	717	1092.06	11035
	Sep 2018	846	110	61	744	12.5	27	744	725	1093.40	11153
	WY 2018	**10886**	**757**	**551**	**9711**		**250**	**9711**			
	Oct 2018	640	71	45	487	7.9	22	487	735	1095.08	11300
	Nov 2018	640	65	45	627	10.5	14	627	736	1095.28	11318
	Dec 2018	720	51	39	582	9.5	11	582	744	1096.77	11448
	Jan 2019	760	64	32	726	11.8	7	726	748	1097.39	11503
	Feb 2019	680	72	29	613	11.0	9	613	754	1098.46	11598
	Mar 2019	710	46	33	1044	17.0	17	1044	733	1094.87	11282
	Apr 2019	640	39	40	1103	18.5	24	1103	704	1089.61	10823

* 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

May 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)
*	May 2016	887	-6	22	903	0	903	14.7	643.07	1701
H	Jun 2016	920	-16	26	838	0	838	14.1	644.53	1741
I	Jul 2016	831	-24	26	803	0	803	13.1	643.75	1719
S	Aug 2016	701	-12	23	714	0	714	11.6	642.00	1671
T	Sep 2016	702	-18	18	711	0	711	11.9	640.34	1627
	WY 2016	**9293**	**-195**	**198**	**8879**	**0**	**8879**			
O	Oct 2016	518	-7	15	640	0	640	10.4	634.86	1482
R	Nov 2016	751	-29	11	574	0	574	9.6	640.09	1620
I	Dec 2016	542	-17	9	482	0	482	7.8	641.31	1653
C	Jan 2017	500	-23	10	408	0	408	6.6	643.47	1712
A	Feb 2017	488	-13	10	486	0	486	8.7	642.70	1690
L	Mar 2017	911	-27	13	844	0	844	13.7	643.70	1718
*	Apr 2017	961	-23	17	955	0	955	16.1	642.45	1684
	May 2017	928	-13	22	879	0	879	14.3	643.00	1699
	Jun 2017	852	-18	25	808	0	808	13.6	643.00	1699
	Jul 2017	766	-16	25	765	0	765	12.4	641.50	1658
	Aug 2017	772	-12	23	737	0	737	12.0	641.50	1658
	Sep 2017	759	-11	18	770	0	770	12.9	640.01	1617
	WY 2017	**8748**	**-210**	**198**	**8349**	**0**	**8349**			
	Oct 2017	609	-4	15	774	0	774	12.6	633.00	1434
	Nov 2017	755	-11	10	682	0	682	11.5	635.00	1486
	Dec 2017	716	-10	9	600	0	600	9.8	638.71	1583
	Jan 2018	728	-19	10	616	0	616	10.0	641.80	1666
	Feb 2018	658	-16	10	632	0	632	11.4	641.80	1666
	Mar 2018	1028	-16	13	964	0	964	15.7	643.05	1700
	Apr 2018	1106	-20	17	1071	0	1071	18.0	643.00	1699
	May 2018	953	-13	22	918	0	918	14.9	643.00	1699
	Jun 2018	850	-18	25	834	0	834	14.0	642.00	1671
	Jul 2018	807	-16	25	779	0	779	12.7	641.50	1658
	Aug 2018	758	-12	23	723	0	723	11.8	641.50	1658
	Sep 2018	744	-11	18	754	0	754	12.7	640.01	1617
	WY 2018	**9711**	**-166**	**197**	**9348**	**0**	**9348**			
	Oct 2018	487	-4	15	652	0	652	10.6	633.00	1434
	Nov 2018	627	-11	10	554	0	554	9.3	635.00	1486
	Dec 2018	582	-10	9	466	0	466	7.6	638.71	1583
	Jan 2019	726	-19	10	614	0	614	10.0	641.80	1666
	Feb 2019	613	-16	10	588	0	588	10.6	641.80	1666
	Mar 2019	1044	-16	13	980	0	980	15.9	643.05	1700
	Apr 2019	1103	-20	17	1068	0	1068	17.9	643.00	1699

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 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)
*	May 2016	903	13	13	636	10.3	97	176	448.08	581	97	1.6
H	Jun 2016	838	18	15	633	10.6	95	89	448.81	596	92	1.5
I	Jul 2016	803	20	17	617	10.0	100	74	449.03	600	102	1.7
S	Aug 2016	714	23	17	570	9.3	85	65	448.50	590	99	1.6
T	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**	
O	Oct 2016	640	36	12	466	7.6	80	133	446.90	559	61	1.0
R	Nov 2016	574	21	9	374	6.3	78	140	446.33	549	97	1.6
I	Dec 2016	482	26	7	271	4.4	86	118	447.64	573	112	1.8
C	Jan 2017	408	33	6	244	4.0	68	126	447.29	567	126	2.1
A	Feb 2017	486	14	8	393	7.1	13	62	448.30	586	160	2.9
L	Mar 2017	844	11	9	687	11.2	24	136	447.83	577	203	3.3
*	Apr 2017	955	13	11	729	12.3	42	160	448.73	594	181	3.0
	May 2017	879	15	13	644	10.5	44	185	448.50	590	110	1.8
	Jun 2017	808	15	16	667	11.2	41	83	448.70	593	105	1.8
	Jul 2017	765	26	17	644	10.5	57	74	448.00	580	111	1.8
	Aug 2017	737	25	17	570	9.3	101	72	447.50	571	100	1.6
	Sep 2017	770	20	15	523	8.8	99	144	447.50	570	89	1.5
	WY 2017	**8349**	**256**	**140**	**6214**		**733**	**1434**			**1455**	
	Oct 2017	774	28	12	499	8.1	101	182	447.50	571	74	1.2
	Nov 2017	682	19	9	405	6.8	99	182	447.50	571	113	1.9
	Dec 2017	600	19	7	343	5.6	101	182	446.50	552	134	2.2
	Jan 2018	616	17	6	377	6.1	87	158	446.50	552	154	2.5
	Feb 2018	632	10	8	498	9.0	55	74	446.50	552	180	3.2
	Mar 2018	964	7	9	723	11.8	75	153	446.70	555	206	3.4
	Apr 2018	1071	19	11	760	12.8	85	185	448.70	593	192	3.2
	May 2018	918	15	13	631	10.3	87	190	448.70	593	97	1.6
	Jun 2018	834	15	16	662	11.1	85	74	448.70	593	98	1.6
	Jul 2018	779	26	17	627	10.2	87	74	448.00	580	99	1.6
	Aug 2018	723	25	17	569	9.3	87	74	447.50	571	99	1.6
	Sep 2018	754	20	15	507	8.5	85	158	447.50	570	89	1.5
	WY 2018	**9348**	**220**	**139**	**6602**		**1036**	**1684**			**1535**	
	Oct 2018	652	28	12	479	7.8	33	148	447.50	571	68	1.1
	Nov 2018	554	19	9	378	6.3	33	148	447.50	571	103	1.7
	Dec 2018	466	19	7	312	5.1	33	148	446.50	552	115	1.9
	Jan 2019	614	17	6	360	5.8	104	157	446.50	552	138	2.2
	Feb 2019	588	10	8	475	8.6	35	73	446.50	552	160	2.9
	Mar 2019	980	7	9	710	11.5	104	152	446.70	555	198	3.2
	Apr 2019	1068	19	11	742	12.5	101	184	448.70	593	175	2.9

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 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
*	May 2016	887	14.4	1073.80	9504	-189	426.83	1164.0	343.6	74	387.5
H	Jun 2016	920	15.5	1071.64	9330	-174	425.27	1528.0	349.7	100	380.2
I	Jul 2016	831	13.5	1072.75	9419	89	427.46	1528.0	311.5	100	374.8
S	Aug 2016	701	11.4	1075.17	9615	196	431.00	1549.0	265.2	100	378.4
T	Sep 2016	702	11.8	1075.23	9620	5	429.97	1539.0	266.3	100	379.1
	WY 2016	**9293**							**3596.9**		
O	Oct 2016	518	8.4	1076.34	9710	90	438.10	1335.0	195.2	87	377.1
R	Nov 2016	751	12.6	1076.55	9727	17	427.42	1072.0	290.6	80	386.7
I	Dec 2016	542	8.8	1080.82	10079	352	438.26	1103.0	207.3	71	382.3
C	Jan 2017	500	8.1	1086.08	10521	442	442.12	857.0	192.4	55	384.9
A	Feb 2017	488	8.8	1089.78	10838	317	446.75	938.0	190.4	58	390.4
L	Mar 2017	911	14.8	1088.26	10707	-131	440.44	1291.1	362.0	79	397.2
*	Apr 2017	961	16.1	1084.89	10420	-287	439.75	1227.0	381.0	76	396.5
	May 2017	928	15.1	1081.21	10111	-309	431.82	1307.0	365.3	80	393.5
	Jun 2017	852	14.3	1079.24	9948	-164	427.43	1475.0	334.1	94	392.3
	Jul 2017	766	12.5	1079.95	10007	59	427.29	1477.0	296.3	94	386.7
	Aug 2017	772	12.6	1081.69	10151	145	428.99	1489.0	299.8	94	388.5
	Sep 2017	759	12.8	1080.96	10091	-60	429.30	1584.0	295.1	100	388.7
	WY 2017	**8748**							**3409.4**		
	Oct 2017	609	9.9	1081.37	10125	34	434.02	1177.9	238.2	74	390.8
	Nov 2017	755	12.7	1080.16	10024	-101	437.29	970.0	304.2	61	402.9
	Dec 2017	716	11.6	1080.24	10031	7	436.64	709.9	290.6	45	405.9
	Jan 2018	728	11.8	1084.60	10396	365	434.71	1010.0	288.9	63	396.9
	Feb 2018	658	11.8	1088.33	10714	318	437.74	1025.0	262.7	63	399.6
	Mar 2018	1028	16.7	1088.22	10704	-10	439.08	1033.1	417.9	63	406.5
	Apr 2018	1106	18.6	1085.69	10488	-216	438.10	911.0	460.4	56	416.2
	May 2018	953	15.5	1084.58	10394	-94	432.91	1428.1	375.4	88	394.0
	Jun 2018	850	14.3	1084.88	10420	25	431.54	1629.0	335.8	100	395.1
	Jul 2018	807	13.1	1087.54	10646	226	433.49	1647.0	317.5	100	393.5
	Aug 2018	758	12.3	1092.06	11035	390	437.21	1675.0	298.9	100	394.0
	Sep 2018	744	12.5	1093.40	11153	117	440.61	1690.0	295.5	100	397.4
	WY 2018	**9711**							**3885.9**		
	Oct 2018	487	7.9	1095.08	11300	147	447.01	1196.9	195.9	74	402.1
	Nov 2018	627	10.5	1095.28	11318	18	451.02	1081.7	252.5	67	402.8
	Dec 2018	582	9.5	1096.77	11448	131	450.50	1012.3	235.2	63	403.9
	Jan 2019	726	11.8	1097.39	11503	55	449.29	1031.7	296.9	63	409.1
	Feb 2019	613	11.0	1098.46	11598	95	449.14	1044.9	248.5	63	405.3
	Mar 2019	1044	17.0	1094.87	11282	-317	447.43	1051.1	433.0	63	414.8
	Apr 2019	1103	18.5	1089.61	10823	-458	443.32	937.0	464.1	57	420.7

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 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
*	May 2016	903	14.7	643.07	1701	-45	141.63	252.5	115.5	99	127.8
H	Jun 2016	838	14.1	644.53	1741	40	143.17	255.0	107.4	100	128.1
I	Jul 2016	803	13.1	643.75	1719	-22	144.39	252.5	103.3	99	128.6
S	Aug 2016	714	11.6	642.00	1671	-48	142.46	255.0	91.6	100	128.4
T	Sep 2016	711	11.9	640.34	1627	-45	138.91	255.0	90.5	100	127.3
	WY 2016	**8879**							**1129.0**		
O	Oct 2016	640	10.4	634.86	1482	-144	135.70	201.5	79.3	79	123.8
R	Nov 2016	574	9.6	640.09	1620	138	140.91	170.9	71.1	67	123.8
I	Dec 2016	482	7.8	641.31	1653	33	138.48	168.3	61.4	66	127.3
C	Jan 2017	408	6.6	643.47	1712	59	143.95	164.5	54.6	65	133.8
A	Feb 2017	486	8.7	642.70	1690	-21	141.54	162.1	63.8	64	131.4
L	Mar 2017	844	13.7	643.70	1718	28	141.08	194.1	109.6	76	129.9
*	Apr 2017	955	16.1	642.45	1684	-34	138.31	204.0	131.0	80	137.2
	May 2017	879	14.3	643.00	1699	15	136.46	228.7	110.0	90	125.3
	Jun 2017	808	13.6	643.00	1699	0	136.04	255.0	101.6	100	125.7
	Jul 2017	765	12.4	641.50	1658	-41	135.25	255.0	96.0	100	125.4
	Aug 2017	737	12.0	641.50	1658	0	134.46	255.0	92.0	100	124.9
	Sep 2017	770	12.9	640.01	1617	-40	133.68	255.0	95.4	100	123.9
	WY 2017	**8349**							**1066.0**		
	Oct 2017	774	12.6	633.00	1434	-183	130.74	202.3	93.0	79	120.2
	Nov 2017	682	11.5	635.00	1486	51	129.19	170.0	80.8	67	118.3
	Dec 2017	600	9.8	638.71	1583	97	132.25	167.8	72.9	66	121.5
	Jan 2018	616	10.0	641.80	1666	83	134.43	210.6	76.7	83	124.5
	Feb 2018	632	11.4	641.80	1666	0	136.73	187.6	79.2	74	125.4
	Mar 2018	964	15.7	643.05	1700	34	137.26	190.8	120.1	75	124.5
	Apr 2018	1071	18.0	643.00	1699	-2	136.07	255.0	133.2	100	124.4
	May 2018	918	14.9	643.00	1699	0	136.04	255.0	115.0	100	125.3
	Jun 2018	834	14.0	642.00	1671	-27	135.51	255.0	104.4	100	125.1
	Jul 2018	779	12.7	641.50	1658	-14	134.73	255.0	97.3	100	124.9
	Aug 2018	723	11.8	641.50	1658	0	134.46	255.0	90.4	100	125.0
	Sep 2018	754	12.7	640.01	1617	-40	133.68	255.0	93.5	100	124.0
	WY 2018	**9348**							**1156.6**		
	Oct 2018	652	10.6	633.00	1434	-183	130.74	202.3	78.8	79	120.9
	Nov 2018	554	9.3	635.00	1486	51	129.19	170.0	66.0	67	119.1
	Dec 2018	466	7.6	638.71	1583	97	132.25	167.8	57.0	66	122.4
	Jan 2019	614	10.0	641.80	1666	83	134.43	210.6	76.5	83	124.5
	Feb 2019	588	10.6	641.80	1666	0	136.73	187.6	73.8	74	125.7
	Mar 2019	980	15.9	643.05	1700	34	137.26	190.8	122.0	75	124.5
	Apr 2019	1068	17.9	643.00	1699	-2	136.07	255.0	132.8	100	124.4

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 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
*	May 2016	636	10.3	448.08	581	-15	82.13	120.0	45.1	100	70.9
H	Jun 2016	633	10.6	448.81	596	14	83.02	120.0	44.8	100	70.8
I	Jul 2016	617	10.0	449.03	600	4	83.16	120.0	43.7	100	70.9
S	Aug 2016	570	9.3	448.50	590	-10	82.60	120.0	40.2	100	70.7
T	Sep 2016	490	8.2	447.97	579	-10	82.24	120.0	34.7	100	70.9
	WY 2016	**6345**							**447.6**		
O	Oct 2016	466	7.6	446.90	559	-20	78.88	93.6	32.8	78	70.5
R	Nov 2016	374	6.3	446.33	549	-11	80.55	90.0	26.0	75	69.6
I	Dec 2016	271	4.4	447.64	573	24	83.20	117.6	17.9	98	65.9
C	Jan 2017	244	4.0	447.29	567	-6	81.95	93.9	16.2	78	66.5
A	Feb 2017	393	7.1	448.30	586	19	82.67	90.0	27.9	75	71.0
L	Mar 2017	687	11.2	447.83	577	-9	79.98	90.0	48.8	75	71.1
*	Apr 2017	729	12.3	448.73	594	17	80.51	120.0	51.3	100	70.3
	May 2017	644	10.5	448.50	590	-5	75.97	120.0	42.7	100	66.2
	Jun 2017	667	11.2	448.70	593	4	75.95	120.0	44.3	100	66.4
	Jul 2017	644	10.5	448.00	580	-13	75.71	120.0	42.6	100	66.0
	Aug 2017	570	9.3	447.50	571	-9	75.13	120.0	37.3	100	65.3
	Sep 2017	523	8.8	447.50	570	0	76.09	94.0	34.6	78	66.2
	WY 2017	**6214**							**422.4**		
	Oct 2017	499	8.1	447.50	571	0	74.97	118.1	32.4	98	64.9
	Nov 2017	405	6.8	447.50	571	0	76.29	90.0	26.6	75	65.6
	Dec 2017	343	5.6	446.50	552	-19	75.66	92.9	22.1	77	64.4
	Jan 2018	377	6.1	446.50	552	0	74.29	111.3	24.0	93	63.7
	Feb 2018	498	9.0	446.50	552	0	74.73	101.8	32.5	85	65.1
	Mar 2018	723	11.8	446.70	555	4	74.69	104.5	47.4	87	65.6
	Apr 2018	760	12.8	448.70	593	38	75.08	120.0	50.1	100	65.9
	May 2018	631	10.3	448.70	593	0	76.05	120.0	41.8	100	66.3
	Jun 2018	662	11.1	448.70	593	0	76.05	120.0	44.0	100	66.4
	Jul 2018	627	10.2	448.00	580	-13	75.71	120.0	41.4	100	66.0
	Aug 2018	569	9.3	447.50	571	-9	75.13	120.0	37.2	100	65.3
	Sep 2018	507	8.5	447.50	570	0	74.89	120.0	32.9	100	65.0
	WY 2018	**6602**							**432.4**		
	Oct 2018	479	7.8	447.50	571	0	75.85	98.7	31.4	82	65.6
	Nov 2018	378	6.3	447.50	571	0	75.83	99.0	24.5	83	64.9
	Dec 2018	312	5.1	446.50	552	-19	74.40	120.0	19.6	100	63.0
	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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 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
*	May 2016	305	20	38	61	21	7
H	Jun 2016	360	105	14	18	15	9
I	Jul 2016	435	46	34	40	22	6
S	Aug 2016	408	44	33	39	22	6
T	Sep 2016	315	42	30	36	20	3
	Summer 2016	**2111**	**276**	**166**	**218**	**116**	**34**
O	Oct 2016	269	33	26	33	19	0
R	Nov 2016	277	30	9	11	6	0
I	Dec 2016	395	41	10	11	6	0
C	Jan 2017	385	43	10	11	5	0
A	Feb 2017	307	43	13	19	10	0
L	Mar 2017	312	97	19	22	0	0
	Winter 2017	**1945**	**289**	**87**	**107**	**46**	**0**
*	Apr 2017	270	102	15	22	6	0
	May 2017	263	105	62	110	23	7
	Jun 2017	317	103	59	95	22	9
	Jul 2017	365	64	26	32	18	10
	Aug 2017	385	53	29	36	18	10
	Sep 2017	286	51	24	30	16	9
	Summer 2017	**1886**	**477**	**215**	**326**	**104**	**44**
	Oct 2017	273	53	15	19	10	7
	Nov 2017	272	51	11	15	8	6
	Dec 2017	305	52	18	23	12	6
	Jan 2018	459	52	16	20	11	6
	Feb 2018	402	47	11	15	8	5
	Mar 2018	424	52	13	17	9	5
	Winter 2018	**2136**	**306**	**84**	**108**	**57**	**35**
	Apr 2018	373	50	16	23	13	6
	May 2018	375	70	41	60	23	7
	Jun 2018	404	69	20	31	21	8
	Jul 2018	459	36	33	40	22	10
	Aug 2018	491	36	40	47	23	9
	Sep 2018	359	35	36	43	22	6
	Summer 2018	**2461**	**296**	**185**	**244**	**124**	**46**
	Oct 2018	271	36	22	27	14	6
	Nov 2018	270	35	15	18	10	6
	Dec 2018	303	36	23	28	14	6
	Jan 2019	318	36	16	20	11	5
	Feb 2019	284	32	13	17	9	5
	Mar 2019	296	36	13	18	10	5
	Winter 2019	**1446**	**175**	**88**	**111**	**57**	**28**
	Apr 2019	267	35	16	24	14	6

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 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****										
May 2017	881	172	98	12172	13324	16957	30280	695	41	-221	514	12172	16957	29644	1500	928	0	32.2
Jun 2017	780	265	212	10083	11340	17266	28606	584	113	-140	557	10083	17266	27906	1500	852	0	34.2
Jul 2017	500	203	406	8135	9244	17429	26673	285	33	8	326	8135	17429	25891	1500	766	0	34.4
								****CREDITABLE SPACE****										
Aug 2017	241	167	447	8127	8982	17370	26352	241	167	447	855	8127	17370	26352	1500	772	0	34.2
Sep 2017	226	187	472	8428	9313	17226	26539	226	187	472	885	8428	17226	26539	2270	759	0	33.9
Oct 2017	276	212	477	8605	9570	17286	26856	276	212	477	966	8605	17286	26856	3040	609	0	33.6
Nov 2017	333	217	467	8685	9703	17252	26955	333	217	467	1018	8685	17252	26955	3810	755	0	33.3
Dec 2017	408	221	464	8799	9893	17353	27246	408	221	464	1094	8799	17353	27246	4580	716	0	33.0
Jan 2018	515	256	465	9031	10267	17346	27613	515	256	465	1236	9031	17346	27613	5350	728	0	32.8
								****EFFECTIVE SPACE****										
Jan 2018	515	256	465	9031	10267	17346	27613	139	256	213	607	9031	17346	26984	5350	728	0	32.8
Feb 2018	617	284	469	9593	10963	16981	27944	240	284	216	741	9593	16981	27315	1500	658	0	32.6
Mar 2018	701	298	462	10046	11507	16663	28171	324	298	208	830	10046	16663	27539	1500	1028	0	32.2
Apr 2018	744	305	408	10404	11860	16673	28533	364	305	147	815	10404	16673	27892	1500	1106	0	32.2
May 2018	753	285	318	10407	11763	16889	28652	368	285	35	687	10407	16889	27983	1500	953	0	33.4
Jun 2018	708	212	323	9238	10481	16983	27464	314	207	1	522	9238	16983	26742	1500	850	0	34.9
Jul 2018	520	38	424	7978	8961	16957	25918	112	12	46	170	7978	16957	25105	1500	807	0	35.1
								****CREDITABLE SPACE****										
Aug 2018	427	26	438	8115	9005	16731	25737	427	26	438	890	8115	16731	25737	1500	758	0	34.8
Sep 2018	451	81	460	8676	9668	16342	26009	451	81	460	992	8676	16342	26009	2270	744	0	34.4
Oct 2018	503	152	460	9017	10132	16224	26356	503	152	460	1115	9017	16224	26356	3040	487	0	34.2
Nov 2018	550	187	446	9116	10299	16077	26376	550	187	446	1183	9116	16077	26376	3810	627	0	34.0
Dec 2018	597	204	442	9261	10504	16059	26563	597	204	442	1243	9261	16059	26563	4580	582	0	33.9
Jan 2019	662	253	444	9518	10876	15929	26805	662	253	444	1359	9518	15929	26805	5350	726	0	33.6
								****EFFECTIVE SPACE****										
Jan 2019	662	253	444	9518	10876	15929	26805	388	251	199	838	9518	15929	26284	5350	726	0	33.6
Feb 2019	722	282	447	9814	11265	15874	27139	446	281	202	929	9814	15874	26617	1500	613	0	33.4
Mar 2019	768	301	441	10039	11549	15779	27327	490	301	194	985	10039	15779	26803	1500	1044	0	33.1
Apr 2019	769	309	386	10150	11613	16095	27708	486	309	133	928	10150	16095	27173	1500	1103	0	33.0

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