June 24-Month Study
Date: June 13, 2016

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

Current Reservoir Status

Reservoir	May Inflow (unregulated) (acre-feet)	Percent of Average (%)	June 12, Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	186,000	113	6502.61	318,000
Flaming Gorge	362,000	148	6031.75	3,417,000
Blue Mesa	161,000	73	7503.68	692,000
Navajo	209,000	75	6075.49	1,558,000
Powell	2,294,000	98	3610.83	12,814,000

Expected Operations

The operation of Lake Powell and Lake Mead in this June 2016 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 2016 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2015 24-Month Study projections of the January 1, 2016, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2016.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2016 is the Upper Elevation Balancing Tier. The April 2016 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 elevation 1,075.0 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 2016. 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 million acre-feet (maf) and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this June 24-Month Study projects a balancing release of 9.0 maf in water year 2016.

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 2016.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2016 AOP is available for download at:
http://www.usbr.gov/lc/region/g4000/aop/AOP16.pdf.

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6496 ft, which amounts to 79 percent of live storage capacity. Inflows for the month of May totaled 186,000 acre-feet (af), or 114 percent of average.

The Colorado Basin River Forecast Center has forecasted spring inflows that are below average. June, July and August forecasted inflow volumes amount to 280,000 af (94 percent of average), 93,000 af (52 percent of average), and 50,000 af (65 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., August 23, 2016. The meeting will be held at the Joint Powers Water Board offices 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 – Flaming Gorge Dam is currently releasing 8,600 cubic feet per second (cfs). May precipitation was significantly above average and the June unregulated inflow forecast into Flaming Gorge for the April-July period has improved from 79 to 108 percent of average over a one month period.

The Record of Decision outlines spring operations based on the final May spring runoff forecast. The May forecast of 79 percent of average was on the cusp between the moderately dry and average hydrologic conditions of the Record of Decision and the average (below median) hydrologic condition on the Larval Trigger Study Plan. Reclamation will operate Flaming Gorge under the average (below median) hydrologic classification.

Unregulated inflow into Flaming Gorge Reservoir during the month of May was 362,000 af, or 149 percent of average. The reservoir elevation is 6,031.91 ft and decreasing.

The June final forecast for inflows for the next three months projects above and below average: with June, July and August forecasted inflow volumes at 418,000 af (107 percent of average), 140,000 af (67 percent of average), and 68,000 af (77 percent of average), respectively.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Heather Patno at 801-524-3883.

Reclamation will be holding the Flaming Gorge Working Group meeting on Tuesday, August 25, 2016, at 11:00 a.m. at the Utah Division of Wildlife Resources offices located at 318 North Vernal Avenue, Vernal, Utah.

Aspinall Unit Reservoirs – Crystal Dam is currently releasing 1500 cfs with 850 cfs being diverted through the Gunnison Tunnel and approximately 850 cfs flowing through the Black Canyon. The May forecast for the April-July period for Blue Mesa was increased from April to 525 kaf (78 percent of average). Under the Aspinall Record of Decision (ROD) the operational targets for the spring peak are in the average dry hydrologic classification which calls for a 10 day duration peak of 8,070 cfs at the Whitewater reach of the Gunnison River. In terms of the Black Canyon water right, the peak flow target in the Black Canyon, based on the May forecast, will be 3,349 cfs.

Crystal Dam operations will begin ramping up releases on May 11, 2016 to a maximum release of 4,100 cfs by May 15, 2016. On that day, Morrow Point releases will also be increased to fill the remaining space in Crystal Reservoir. By late afternoon on May 15, 2016, depending on side inflow conditions at Crystal Reservoir, spillway releases are anticipated to begin. These spillway releases will be controlled by releases from Morrow Point Dam to control peak releases in the Gunnison River to attempt achieve the ROD operational targets at Whitewater. These operations will exceed the Black Canyon water right peak flow target.

Inflows to Blue Mesa for the next three months are projected to be below average: with May, June and July forecasted inflow volumes of 155,000 af (74 percent of average), 210,000 af (80 percent of average) and 155,000 af (132 percent of average), respectively.

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

The next meeting of the Aspinall Unit Working Group will be held on Thursday August 18th at 1:00 pm at the Elk Creek Visitor Center at Blue Mesa Reservoir.

Navajo Reservoir – Navajo is currently releasing 4,000 cfs and is conducting a spring peak release. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Modified unregulated inflow into Navajo during the month of May was 209 kaf, which was 75% of average. The reservoir elevation is 6075.3 ft and increasing.

Inflows for the next three months are projected to be below average: with June, July, and August forecasted inflow volumes at 186 kaf (83% of average), 31 kaf (47% of average), and 27 kaf (60% of average), respectively. The most probable April through July forecast is for 545 kaf (74% of average).

The spring peak release began May 18th. The release was reduced to 2000 cfs at the request of the San Juan County office of Emergency Management on May 25th due to safety and property concerns. Since that time, Reclamation has coordinated daily with the OEM to slowly increase releases with the goal of reaching 5,000 cfs. The ramp-down is scheduled to begin June 23rd, though the schedule may change if circumstances warrant.

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 Meeting is scheduled for August 23rd at 1pm at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell in May was 2,294 thousand acre-feet (kaf) (98 percent of average). The release volume from Glen Canyon Dam in May was 700 kaf. The end of May elevation and storage of Lake Powell were 3,604 ft (96 feet from full pool) and 12.1 maf (50% of full capacity), respectively. The reservoir reached a seasonal low elevation on April 15th near elevation 3591.14 feet. Since that time the reservoir elevation has been increasing and will continue to increase throughout mid-summer as runoff from snowmelt and precipitation enter the reservoir.

Current Operations

The operating tier for water year 2016 was established in August 2015 as the Upper Elevation Balancing Tier. The April 2016 24-Month Study established that Lake Powell operations will be governed by balancing for the remainder of water year 2016. 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 June 24-Month Study projects a balancing release of 9.0 maf in water year 2016; the actual release in water year 2016, 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 2016 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, 2016.

In June, the release volume will be approximately 800 kaf, with fluctuations anticipated between about 9,000 cfs in the nighttime to about 17,000 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 July is 950 kaf with daily fluctuations between approximately 11,500 cfs and 19,500 cfs. The expected release for August is 900 kaf with daily fluctuations between approximately 10,000 cfs and 18,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam typically maintains 30 mw (approximately 880 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 2016 water supply forecast for unregulated inflow to Lake Powell, issued on June 3, 2016, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 6.5 maf (91 percent of average based on the period 1981-2010). The forecast increased by 1,000 kaf since last month. 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 3.85 maf (54 percent of average) to a maximum probable of 7.65 maf (107 percent of average). There is 10% chance that inflows could be higher than the maximum probable and a 10% chance they could be lower than the minimum probable.

As determined in the August 2015 24-Month Study, and documented in the 2016 Annual Operating Plan, Lake Powell's operations in water year 2016 will be governed by the Upper Elevation Balancing Tier. Because the April 2016 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 elevation 1,075.0 feet, Lake Powell operations shifted to balancing (Section 6.B.4 of the 2007 Interim Guidelines) for the remainder of water year 2016. 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 June most probable inflow forecast, the annual release volume from Lake Powell during water year 2016 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% 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 2016 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 2016 will be updated each month throughout the remainder of the water year.

Based on the current forecast, the June 24-Month Study projects Lake Powell elevation will end water year 2016 near 3,611 ft with approximately 12.82 maf in storage (53% capacity). Projections of elevation and storage still have significant uncertainty at this point in the season, primarily due to uncertainty regarding 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 3585 ft and 10.35 maf (43% capacity), respectively. Under the maximum probable inflow scenario, updated in April, the projected end of water year elevation and storage are 3622 ft and 14.01 maf (58% 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 16-year period 2000 to 2015, 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 16 years. The period 2000-2015 is the lowest 16-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.51 maf, or 79% 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 2000-2015 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. The water year 2015 unregulated inflow volume to Lake Powell was 10.174 maf (94 percent of average), which, though still below average, was significantly higher than inflows observed in 2012 and 2013 (45% and 47 percent of average, respectively). Under the current most probable forecast, total water year 2016 unregulated inflows to Lake Powell is projected to be 9.70 maf (90 percent of average), and ranges from a minimum probable inflow of 6.86 maf (63%) and maximum probable inflow of 11.13 maf (103%).

At the beginning of water year 2016, total system storage in the Colorado River Basin was 30.3 maf (51% of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water year 2015 which began at 30.1 maf (50% of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2014. 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 2016 total Colorado Basin reservoir storage is approximately 30.3 maf (51% of capacity). The actual end of water year storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and resulting reservoir inflow. Based on the April minimum and maximum probable inflow forecasts and modeling the range is approximately 27.6 maf (46%) to 31.4 maf (53%), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			may	Forecast			Outlook	
:	feb	mar	apr	may	%Avg	jun	jul	aug	apr-jul	%Avg
GLDA3:Lake Powell	396	553	814	2294	98%:	2650/	740/	380/	6500/:	91%
GBRW4:Fontenelle	34	50	91	186	114%:	280/	93/	50/	650/:	90%
GRNU1:Flaming Gorge	63	84	140	362	149%:	418/	140/	68/	1060/:	108%
BMDC2:Blue Mesa	26	41	75	161	73%:	255/	89/	50/	580/:	86%
MPSC2:Morrow Point	27	43	83	176	71%:	275/	91/	53/	625/:	84%
CLSC2:Crystal	30	48	92	194	69%:	305/	99/	58/	690/:	83%
TPIC2:Taylor Park	4.2	4.8	9.1	17.2	61%:	40/	17/	8/	83/:	84%
VCRC2:Vallecito	7.1	13.5	25	60	84%:	66/	21/	15/	172/:	89%
NVRN5:Navajo	41	81	119	209	75%:	186/	31/	27/	545/:	74%
LEMC2:Lemon	1.10	2.5	5.0	14.5	67%:	18/	4/	3/	42/:	76%
MPHC2:McPhee	6.4	19.9	45	101	81%:	70/	14/	9/	230/:	78%
RBSC2:Ridgway	4.6	5.4	9.4	18.5	72%:	45/	20/	10/	93/:	92%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2016 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2015	332	3	101	229	330	6499.84	297
H	Jul 2015	126	3	91	17	108	6501.77	312
I	Aug 2015	53	2	83	1	84	6497.37	279
S	Sep 2015	37	2	0	61	61	6493.88	254
	WY 2015	**1210**	**16**	**930**	**324**	**1254**		
T	Oct 2015	46	1	46	15	61	6491.60	238
O	Nov 2015	40	1	56	1	57	6489.03	221
R	Dec 2015	36	1	58	0	58	6485.40	197
I	Jan 2016	32	1	49	10	58	6480.71	170
C	Feb 2016	34	0	55	0	55	6476.59	149
A	Mar 2016	50	1	58	0	58	6474.73	140
L	Apr 2016	91	1	56	0	56	6481.34	174
*	May 2016	186	2	86	20	106	6493.63	252
	Jun 2016	280	3	101	103	204	6503.50	326
	Jul 2016	93	3	99	0	99	6502.43	317
	Aug 2016	50	2	79	0	79	6498.34	287
	Sep 2016	50	2	64	0	64	6496.18	271
	WY 2016	**988**	**16**	**807**	**149**	**956**		
	Oct 2016	42	1	65	0	65	6492.78	247
	Nov 2016	40	1	63	0	63	6489.21	223
	Dec 2016	33	1	65	0	65	6484.17	191
	Jan 2017	28	1	65	0	65	6477.41	153
	Feb 2017	27	0	59	0	59	6470.52	121
	Mar 2017	43	0	65	0	65	6465.01	99
	Apr 2017	68	1	71	0	71	6463.96	95
	May 2017	135	1	94	10	105	6471.27	125
	Jun 2017	260	2	99	8	107	6496.83	276
	Jul 2017	170	3	104	21	125	6502.54	318
	Aug 2017	65	2	84	0	84	6499.80	297
	Sep 2017	44	2	70	0	70	6496.06	270
	WY 2017	**955**	**14**	**903**	**39**	**942**		
	Oct 2017	47	1	68	0	68	6493.03	249
	Nov 2017	42	1	65	0	65	6489.29	224
	Dec 2017	32	1	68	0	68	6483.64	188
	Jan 2018	30	1	68	0	68	6476.68	150
	Feb 2018	28	0	61	0	61	6469.22	116
	Mar 2018	53	0	68	0	68	6465.36	100
	Apr 2018	85	1	89	0	89	6464.21	96
	May 2018	164	1	96	8	105	6477.57	154

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2016 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Jun 2015	434	432	11	100	0	100	141	6034.01	3506	485
H	Jul 2015	157	140	14	104	0	104	142	6034.55	3528	195
I	Aug 2015	56	87	13	104	0	104	141	6033.81	3498	130
S	Sep 2015	39	62	11	100	1	101	139	6032.59	3450	127
	WY 2015	**1562**	**1606**	**82**	**1293**	**58**	**1352**				**2856**
T	Oct 2015	48	63	7	131	0	131	136	6030.73	3377	162
O	Nov 2015	38	55	4	131	0	131	133	6028.73	3300	176
R	Dec 2015	38	61	2	137	0	137	130	6026.75	3225	175
I	Jan 2016	44	71	2	134	0	134	127	6025.07	3163	211
C	Feb 2016	63	84	2	118	0	118	126	6024.11	3127	164
A	Mar 2016	84	93	3	51	0	51	127	6025.13	3165	131
L	Apr 2016	140	105	5	50	0	50	129	6026.43	3213	316
*	May 2016	362	282	8	52	0	52	138	6032.01	3427	701
	Jun 2016	418	342	11	284	87	371	136	6031.06	3390	996
	Jul 2016	140	146	14	108	0	108	137	6031.65	3413	208
	Aug 2016	68	97	13	108	0	108	136	6031.06	3390	133
	Sep 2016	47	61	11	104	0	104	134	6029.71	3338	119
	WY 2016	**1491**	**1459**	**82**	**1406**	**87**	**1493**				**3492**
	Oct 2016	61	84	7	108	0	108	133	6028.93	3308	138
	Nov 2016	59	82	3	104	0	104	132	6028.28	3283	139
	Dec 2016	40	72	2	108	0	108	131	6027.33	3247	136
	Jan 2017	45	82	2	108	0	108	130	6026.63	3221	133
	Feb 2017	45	77	2	97	0	97	129	6026.04	3199	121
	Mar 2017	92	114	3	108	0	108	129	6026.13	3202	178
	Apr 2017	130	133	5	104	0	104	130	6026.75	3226	314
	May 2017	200	170	8	119	0	119	131	6027.86	3267	639
	Jun 2017	315	162	10	186	0	186	130	6026.97	3234	676
	Jul 2017	212	167	13	95	0	95	132	6028.44	3289	177
	Aug 2017	76	95	13	95	0	95	132	6028.11	3277	116
	Sep 2017	50	76	11	92	0	92	131	6027.41	3250	107
	WY 2017	**1325**	**1312**	**79**	**1324**	**0**	**1324**				**2874**
	Oct 2017	55	76	7	95	0	95	130	6026.72	3224	123
	Nov 2017	50	73	3	92	0	92	129	6026.15	3203	122
	Dec 2017	35	71	2	95	0	95	128	6025.47	3178	121
	Jan 2018	40	78	2	95	0	95	127	6024.97	3159	120
	Feb 2018	45	78	2	86	0	86	127	6024.70	3149	114
	Mar 2018	102	117	3	95	0	95	127	6025.20	3167	172
	Apr 2018	134	137	5	92	0	92	129	6026.24	3206	307
	May 2018	245	186	8	126	0	126	131	6027.56	3256	658

* 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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June 2016 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2015	62	50	9328.14	102
H	Jul 2015	21	28	9324.75	96
I	Aug 2015	9	22	9317.56	83
S	Sep 2015	7	18	9311.10	72
	WY 2015	**166**	**171**		
T	Oct 2015	7	8	9310.71	71
O	Nov 2015	5	6	9310.40	71
R	Dec 2015	5	6	9309.95	70
I	Jan 2016	6	6	9309.87	70
C	Feb 2016	4	5	9309.07	68
A	Mar 2016	5	6	9308.44	67
L	Apr 2016	9	6	9310.70	71
*	May 2016	17	11	9314.16	77
	Jun 2016	40	20	9325.29	97
	Jul 2016	17	22	9322.92	92
	Aug 2016	8	18	9317.69	83
	Sep 2016	6	15	9312.49	74
	WY 2016	**129**	**127**		
	Oct 2016	6	10	9310.01	70
	Nov 2016	5	6	9309.38	69
	Dec 2016	4	6	9308.10	67
	Jan 2017	4	6	9306.79	65
	Feb 2017	4	6	9305.12	62
	Mar 2017	4	6	9303.68	60
	Apr 2017	7	6	9304.24	61
	May 2017	25	10	9313.81	76
	Jun 2017	39	18	9325.42	97
	Jul 2017	14	20	9322.26	91
	Aug 2017	8	20	9315.58	79
	Sep 2017	7	16	9310.08	70
	WY 2017	**126**	**130**		
	Oct 2017	6	12	9306.45	64
	Nov 2017	5	6	9305.78	63
	Dec 2017	5	6	9304.89	62
	Jan 2018	4	6	9303.76	60
	Feb 2018	4	6	9302.22	58
	Mar 2018	4	6	9301.10	57
	Apr 2018	9	6	9303.07	59
	May 2018	28	20	9308.61	68

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

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Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2015	368	356	1	125	62	192	7517.76	815
H	Jul 2015	131	137	2	135	10	145	7516.74	806
I	Aug 2015	59	73	1	105	0	105	7512.97	772
S	Sep 2015	39	50	1	95	0	95	7507.65	726
	WY 2015	**1042**	**1047**	**9**	**835**	**72**	**912**		
T	Oct 2015	33	34	1	87	0	87	7501.39	673
O	Nov 2015	30	31	0	45	0	45	7499.64	658
R	Dec 2015	27	28	0	62	0	62	7495.46	624
I	Jan 2016	27	27	0	61	0	61	7491.12	590
C	Feb 2016	26	27	0	59	0	58	7487.04	559
A	Mar 2016	41	42	0	36	0	37	7487.62	563
L	Apr 2016	75	72	1	63	0	63	7488.62	571
*	May 2016	161	155	1	134	19	153	7488.74	572
	Jun 2016	255	235	1	48	0	48	7511.29	757
	Jul 2016	89	94	2	89	0	89	7511.63	760
	Aug 2016	50	60	1	102	0	102	7506.58	716
	Sep 2016	36	45	1	95	0	95	7500.48	665
	WY 2016	**850**	**849**	**9**	**880**	**19**	**900**		
	Oct 2016	37	41	1	76	0	76	7496.12	630
	Nov 2016	31	32	0	25	0	25	7496.96	637
	Dec 2016	25	27	0	47	0	47	7494.44	616
	Jan 2017	24	26	0	47	0	47	7491.77	595
	Feb 2017	21	24	0	31	0	31	7490.78	587
	Mar 2017	32	34	0	38	0	38	7490.23	583
	Apr 2017	65	64	1	64	0	64	7490.16	583
	May 2017	200	185	1	204	35	239	7482.93	528
	Jun 2017	245	224	1	68	0	68	7502.53	682
	Jul 2017	92	98	1	81	0	81	7504.38	698
	Aug 2017	50	62	1	88	0	88	7501.13	671
	Sep 2017	38	47	1	87	0	87	7496.12	630
	WY 2017	**860**	**864**	**8**	**856**	**35**	**891**		
	Oct 2017	38	44	1	75	0	75	7492.15	598
	Nov 2017	31	32	0	57	0	57	7488.93	573
	Dec 2017	26	27	0	91	0	91	7480.38	509
	Jan 2018	24	26	0	37	0	37	7478.84	498
	Feb 2018	22	25	0	31	0	31	7477.92	491
	Mar 2018	36	38	0	38	0	38	7477.81	490
	Apr 2018	77	74	1	63	0	63	7479.29	501
	May 2018	221	213	1	202	3	205	7480.22	508

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2016 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2015	388	192	20	212	188	23	211	7154.42	113
H	Jul 2015	135	145	3	148	148	0	148	7154.93	113
I	Aug 2015	60	105	0	105	106	0	106	7153.74	112
S	Sep 2015	39	95	0	95	103	0	103	7143.98	104
	WY 2015	**1095**	**912**	**53**	**965**	**926**	**23**	**972**		
T	Oct 2015	34	87	0	87	93	0	93	7135.56	98
O	Nov 2015	31	45	1	46	47	0	47	7133.97	97
R	Dec 2015	28	62	1	62	46	1	47	7154.01	112
I	Jan 2016	27	61	1	62	64	0	64	7150.69	110
C	Feb 2016	27	58	1	60	61	0	61	7148.82	108
A	Mar 2016	43	37	2	39	36	0	36	7152.74	111
L	Apr 2016	83	63	7	71	71	0	71	7152.57	111
*	May 2016	176	153	15	168	176	4	180	7136.53	99
	Jun 2016	275	48	20	68	55	0	55	7153.73	112
	Jul 2016	91	89	2	91	91	0	91	7153.73	112
	Aug 2016	53	102	3	105	105	0	105	7153.73	112
	Sep 2016	39	95	3	98	98	0	98	7153.73	112
	WY 2016	**907**	**900**	**56**	**956**	**943**	**5**	**948**		
	Oct 2016	39	76	2	78	78	0	78	7153.73	112
	Nov 2016	33	25	2	27	27	0	27	7153.73	112
	Dec 2016	27	47	2	49	49	0	49	7153.73	112
	Jan 2017	26	47	2	49	49	0	49	7153.73	112
	Feb 2017	23	31	2	33	33	0	33	7153.73	112
	Mar 2017	35	38	3	41	41	0	41	7153.73	112
	Apr 2017	74	64	9	73	73	0	73	7153.73	112
	May 2017	220	239	20	259	259	0	259	7153.73	112
	Jun 2017	260	68	15	83	83	0	83	7153.73	112
	Jul 2017	95	81	3	84	84	0	84	7153.73	112
	Aug 2017	53	88	3	91	91	0	91	7153.73	112
	Sep 2017	40	87	2	89	89	0	89	7153.73	112
	WY 2017	**925**	**891**	**65**	**956**	**956**	**0**	**956**		
	Oct 2017	40	75	2	77	77	0	77	7153.73	112
	Nov 2017	33	57	2	59	59	0	59	7153.73	112
	Dec 2017	28	91	2	93	93	0	93	7153.73	112
	Jan 2018	27	37	2	39	39	0	39	7153.73	112
	Feb 2018	25	31	3	34	34	0	34	7153.73	112
	Mar 2018	40	38	4	42	42	0	42	7153.73	112
	Apr 2018	88	63	11	74	74	0	74	7153.73	112
	May 2018	247	205	26	231	231	0	231	7153.73	112

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June 2016 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Jun 2015	429	211	41	253	110	78	252	6755.80	18	55	209
H	Jul 2015	143	148	9	156	114	44	158	6751.21	16	65	96
I	Aug 2015	63	106	4	110	110	0	111	6749.17	16	65	47
S	Sep 2015	42	103	3	106	96	11	107	6744.61	15	57	50
	WY 2015	**1201**	**972**	**106**	**1078**	**843**	**171**	**1078**			**393**	**709**
T	Oct 2015	37	93	3	96	0	94	94	6750.81	16	51	44
O	Nov 2015	34	47	3	50	0	50	50	6750.12	16	0	51
R	Dec 2015	32	47	4	51	40	12	52	6747.07	15	1	53
I	Jan 2016	31	64	4	68	67	0	68	6748.20	16	1	69
C	Feb 2016	30	61	3	64	63	0	63	6752.48	17	0	65
A	Mar 2016	48	36	5	41	41	0	41	6752.32	17	2	41
L	Apr 2016	92	71	9	80	80	0	80	6751.41	16	47	36
*	May 2016	194	180	18	198	109	64	197	6753.13	17	51	154
	Jun 2016	305	55	30	85	85	0	85	6753.04	17	60	25
	Jul 2016	99	91	8	99	99	0	99	6753.04	17	65	34
	Aug 2016	58	105	5	110	110	0	110	6753.04	17	65	45
	Sep 2016	44	98	5	103	103	0	103	6753.04	17	55	48
	WY 2016	**1003**	**948**	**97**	**1045**	**797**	**220**	**1043**			**400**	**665**
	Oct 2016	43	78	4	82	82	0	82	6753.04	17	30	52
	Nov 2016	37	27	4	31	31	0	31	6753.04	17	0	31
	Dec 2016	31	49	4	53	53	0	53	6753.04	17	0	53
	Jan 2017	29	49	3	52	52	0	52	6753.04	17	0	52
	Feb 2017	25	33	2	35	35	0	35	6753.04	17	0	35
	Mar 2017	40	41	5	46	46	0	46	6753.04	17	5	41
	Apr 2017	84	73	10	83	83	0	83	6753.04	17	30	53
	May 2017	250	259	30	289	134	155	289	6753.04	17	55	234
	Jun 2017	290	83	30	113	113	0	113	6753.04	17	60	53
	Jul 2017	105	84	10	94	94	0	94	6753.04	17	65	29
	Aug 2017	60	91	7	98	98	0	98	6753.04	17	65	33
	Sep 2017	46	89	6	95	95	0	95	6753.04	17	55	40
	WY 2017	**1040**	**956**	**115**	**1071**	**916**	**155**	**1071**			**365**	**706**
	Oct 2017	46	77	6	83	83	0	83	6753.04	17	30	53
	Nov 2017	38	59	5	64	64	0	64	6753.04	17	0	64
	Dec 2017	32	93	5	98	98	0	98	6753.04	17	0	98
	Jan 2018	31	39	5	44	44	0	44	6753.04	17	0	44
	Feb 2018	29	34	4	37	37	0	37	6753.04	17	0	37
	Mar 2018	46	42	6	48	48	0	48	6753.04	17	5	43
	Apr 2018	101	74	12	87	87	0	87	6753.04	17	30	57
	May 2018	281	231	34	265	134	131	265	6753.04	17	55	210

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2016 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2015	106	103	7664.05	123
H	Jul 2015	37	42	7661.73	117
I	Aug 2015	13	35	7652.83	94
S	Sep 2015	11	29	7645.08	75
	WY 2015	**294**	**285**		
T	Oct 2015	17	15	7645.65	77
O	Nov 2015	11	5	7648.25	83
R	Dec 2015	7	4	7649.57	86
I	Jan 2016	6	7	7649.21	85
C	Feb 2016	7	6	7649.77	86
A	Mar 2016	14	6	7652.71	94
L	Apr 2016	25	13	7657.23	105
*	May 2016	60	44	7663.23	121
	Jun 2016	66	67	7662.75	119
	Jul 2016	21	41	7654.62	98
	Aug 2016	15	38	7644.95	75
	Sep 2016	14	29	7637.77	60
	WY 2016	**262**	**275**		
	Oct 2016	11	17	7634.92	54
	Nov 2016	8	4	7637.10	58
	Dec 2016	6	4	7638.20	61
	Jan 2017	5	4	7638.79	62
	Feb 2017	4	3	7639.07	62
	Mar 2017	6	4	7640.08	64
	Apr 2017	20	4	7647.31	81
	May 2017	68	32	7661.70	117
	Jun 2017	60	53	7664.11	123
	Jul 2017	25	42	7657.60	106
	Aug 2017	17	38	7649.00	85
	Sep 2017	15	30	7642.48	70
	WY 2017	**245**	**232**		
	Oct 2017	14	17	7641.00	66
	Nov 2017	8	4	7643.15	71
	Dec 2017	6	4	7644.30	74
	Jan 2018	5	4	7645.02	75
	Feb 2018	5	3	7645.59	77
	Mar 2018	9	4	7647.63	81
	Apr 2018	23	4	7655.60	101
	May 2018	71	49	7664.11	123

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2016 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)
*	Jun 2015	285	38	241	4	20	21	6068.60	1461	255
H	Jul 2015	76	9	72	5	39	27	6068.68	1462	93
I	Aug 2015	15	1	36	4	33	42	6065.47	1419	63
S	Sep 2015	15	0	33	3	25	33	6063.41	1392	48
	WY 2015	**900**	**90**	**797**	**27**	**170**	**289**			**890**
T	Oct 2015	42	1	40	2	9	29	6063.43	1392	55
O	Nov 2015	37	1	30	1	0	21	6064.00	1400	39
R	Dec 2015	23	0	19	1	0	21	6063.81	1397	34
I	Jan 2016	22	0	23	1	0	22	6063.77	1396	34
C	Feb 2016	41	2	38	1	1	28	6064.39	1405	43
A	Mar 2016	81	7	67	2	4	25	6067.08	1441	52
L	Apr 2016	119	13	94	3	19	22	6070.75	1491	59
*	May 2016	209	26	167	4	12	93	6074.87	1549	184
	Jun 2016	186	34	152	5	38	263	6063.71	1396	395
	Jul 2016	31	4	48	4	58	34	6059.97	1347	80
	Aug 2016	27	1	49	4	50	23	6057.79	1320	53
	Sep 2016	30	1	44	3	29	22	6056.99	1310	47
	WY 2016	**848**	**90**	**772**	**29**	**222**	**604**			**1076**
	Oct 2016	31	1	35	2	14	23	6056.70	1306	46
	Nov 2016	30	0	25	1	5	22	6056.42	1303	38
	Dec 2016	22	0	20	1	6	23	6055.64	1293	36
	Jan 2017	19	0	18	1	0	23	6055.15	1287	35
	Feb 2017	24	0	23	1	0	21	6055.28	1289	31
	Mar 2017	71	2	67	2	5	23	6058.28	1326	39
	Apr 2017	135	14	104	2	20	22	6062.92	1385	66
	May 2017	265	40	189	4	34	122	6065.06	1414	262
	Jun 2017	190	34	149	4	50	281	6050.13	1227	410
	Jul 2017	57	7	66	4	55	38	6047.51	1197	92
	Aug 2017	36	1	55	3	46	23	6046.01	1179	55
	Sep 2017	35	1	49	2	26	22	6045.88	1178	48
	WY 2017	**915**	**101**	**800**	**26**	**262**	**645**			**1160**
	Oct 2017	41	2	42	2	9	23	6046.62	1186	47
	Nov 2017	31	1	26	1	0	22	6046.85	1189	39
	Dec 2017	25	0	22	1	0	23	6046.73	1188	38
	Jan 2018	22	0	20	1	0	23	6046.43	1184	37
	Feb 2018	30	0	29	1	0	21	6047.06	1191	33
	Mar 2018	92	2	85	1	5	23	6051.82	1247	45
	Apr 2018	170	15	136	2	21	22	6059.21	1338	75
	May 2018	277	40	214	4	35	122	6063.32	1391	269

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2016 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Jun 2015	3389	2570	44	800	0	800	3613.54	5101	13090	801
H	Jul 2015	1072	1002	55	1048	0	1048	3612.62	5093	12996	1076
I	Aug 2015	313	466	54	799	0	799	3609.07	5065	12637	814
S	Sep 2015	276	435	49	714	0	714	3606.01	5040	12333	726
	WY 2015	**10174**	**9419**	**368**	**8868**	**132**	**9000**				**9136**
T	Oct 2015	535	680	34	600	0	600	3606.44	5044	12375	609
O	Nov 2015	421	506	32	577	0	577	3605.47	5036	12280	583
R	Dec 2015	266	393	26	857	0	857	3600.80	5000	11827	863
I	Jan 2016	300	433	8	857	0	857	3596.58	4968	11427	865
C	Feb 2016	396	490	8	700	0	700	3594.41	4952	11224	704
A	Mar 2016	553	486	14	694	0	694	3592.18	4935	11019	707
L	Apr 2016	814	681	22	665	0	665	3592.12	4935	11014	681
*	May 2016	2294	1925	26	700	0	700	3603.87	5024	12123	715
	Jun 2016	2650	2532	45	800	0	800	3619.26	5149	13685	807
	Jul 2016	740	772	57	950	0	950	3617.19	5131	13468	966
	Aug 2016	380	518	56	900	0	900	3613.27	5099	13063	915
	Sep 2016	350	489	50	699	0	699	3610.90	5079	12821	712
	WY 2016	**9700**	**9905**	**377**	**9000**	**0**	**9000**				**9128**
	Oct 2016	450	543	35	600	0	600	3610.06	5073	12737	609
	Nov 2016	450	487	33	600	0	600	3608.72	5062	12602	604
	Dec 2016	350	446	26	800	0	800	3605.17	5034	12250	803
	Jan 2017	320	410	8	800	0	800	3601.37	5004	11881	807
	Feb 2017	350	409	8	650	0	650	3598.95	4986	11650	654
	Mar 2017	550	531	14	650	0	650	3597.64	4976	11527	655
	Apr 2017	850	745	23	600	0	600	3598.84	4985	11640	609
	May 2017	2250	2139	28	650	0	650	3612.59	5093	12993	658
	Jun 2017	2600	2470	48	800	0	800	3626.77	5213	14494	807
	Jul 2017	850	765	60	1000	0	1000	3624.28	5191	14222	1016
	Aug 2017	420	512	58	1050	0	1050	3619.12	5147	13670	1065
	Sep 2017	340	445	52	800	0	800	3615.51	5117	13293	813
	WY 2017	**9780**	**9902**	**393**	**9000**	**0**	**9000**				**9102**
	Oct 2017	455	525	36	600	0	600	3614.52	5109	13190	609
	Nov 2017	447	507	34	600	0	600	3613.37	5099	13072	604
	Dec 2017	363	486	27	800	0	800	3610.26	5074	12757	803
	Jan 2018	361	430	8	800	0	800	3606.76	5046	12407	807
	Feb 2018	393	434	9	650	0	650	3604.64	5030	12198	654
	Mar 2018	665	598	15	650	0	650	3604.01	5025	12137	655
	Apr 2018	1056	887	24	600	0	600	3606.50	5044	12381	609
	May 2018	2343	2129	30	650	0	650	3619.62	5152	13723	658

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Managing Water in the West

June 2016 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)
*	Jun 2015	800	16	52	868	14.6	25	868	624	1075.08	9607
H	Jul 2015	1048	80	65	767	12.5	28	766	641	1078.15	9858
I	Aug 2015	799	114	70	803	13.1	27	802	642	1078.31	9871
S	Sep 2015	714	72	58	723	12.1	24	722	641	1078.10	9854
	WY 2015	**9000**	**722**	**540**	**9246**		**221**	**9215**			
T	Oct 2015	600	118	42	578	9.4	20	577	645	1078.99	9927
O	Nov 2015	577	41	42	631	10.6	12	630	641	1078.23	9865
R	Dec 2015	857	43	36	619	10.1	9	618	656	1080.91	10087
I	Jan 2016	857	89	30	662	10.8	8	661	671	1083.68	10318
C	Feb 2016	700	81	28	699	12.2	10	698	673	1084.17	10360
A	Mar 2016	694	31	31	1008	16.4	18	1007	653	1080.45	10048
L	Apr 2016	665	68	38	1055	17.7	18	1055	630	1076.13	9693
*	May 2016	700	51	43	887	14.4	23	886	618	1073.80	9504
	Jun 2016	800	21	51	883	14.8	28	883	609	1072.15	9371
	Jul 2016	950	78	64	868	14.1	28	868	613	1072.94	9435
	Aug 2016	900	124	69	709	11.5	25	709	627	1075.51	9642
	Sep 2016	699	112	57	707	11.9	19	707	628	1075.82	9668
	WY 2016	**9000**	**856**	**532**	**9306**		**217**	**9299**			
	Oct 2016	600	69	42	486	7.9	22	486	636	1077.20	9780
	Nov 2016	600	56	42	639	10.7	13	639	633	1076.77	9745
	Dec 2016	800	54	36	590	9.6	8	590	647	1079.29	9952
	Jan 2017	800	62	30	729	11.8	8	729	653	1080.37	10042
	Feb 2017	650	73	27	728	13.1	7	728	650	1079.92	10004
	Mar 2017	650	55	30	1034	16.8	15	1034	627	1075.64	9653
	Apr 2017	600	53	37	1097	18.4	21	1097	597	1069.78	9182
	May 2017	650	37	42	990	16.1	29	990	574	1065.31	8831
	Jun 2017	800	21	50	884	14.9	29	884	565	1063.59	8698
	Jul 2017	1000	78	62	840	13.7	31	840	574	1065.35	8834
	Aug 2017	1050	124	67	760	12.4	29	760	594	1069.18	9134
	Sep 2017	800	112	56	727	12.2	16	727	601	1070.52	9241
	WY 2017	**9000**	**795**	**519**	**9504**		**226**	**9504**			
	Oct 2017	600	69	41	481	7.8	20	481	608	1072.01	9360
	Nov 2017	600	56	41	619	10.4	11	619	608	1071.84	9346
	Dec 2017	800	54	35	570	9.3	7	570	622	1074.66	9574
	Jan 2018	800	62	29	691	11.2	15	691	630	1076.13	9693
	Feb 2018	650	73	27	662	11.9	17	662	631	1076.32	9708
	Mar 2018	650	55	30	1006	16.4	23	1006	609	1072.21	9376
	Apr 2018	600	53	36	1055	17.7	26	1055	581	1066.70	8940
	May 2018	650	37	41	959	15.6	32	959	560	1062.52	8615

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2016 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)
*	Jun 2015	868	-19	26	810	0	810	13.6	643.81	1721
H	Jul 2015	767	-14	25	762	0	762	12.4	642.57	1687
I	Aug 2015	803	-16	23	775	0	775	12.6	642.12	1675
S	Sep 2015	723	-16	18	758	0	758	12.7	639.56	1606
	WY 2015	**9246**	**-142**	**198**	**8945**	**0**	**8945**			
T	Oct 2015	578	-7	15	655	0	655	10.7	635.80	1507
O	Nov 2015	631	-14	10	599	0	599	10.1	636.11	1514
R	Dec 2015	619	-13	9	527	0	527	8.6	638.77	1585
I	Jan 2016	662	-32	10	553	0	553	9.0	641.26	1651
C	Feb 2016	699	-20	10	675	0	675	11.7	641.04	1645
A	Mar 2016	1008	-16	13	921	0	921	15.0	643.17	1703
L	Apr 2016	1055	-18	17	979	0	979	16.4	644.70	1746
*	May 2016	887	-6	22	903	0	903	14.7	643.07	1701
	Jun 2016	883	-16	25	856	0	856	14.4	642.50	1685
	Jul 2016	868	-13	25	830	0	830	13.5	642.50	1685
	Aug 2016	709	-11	23	702	0	702	11.4	641.50	1658
	Sep 2016	707	-9	18	720	0	720	12.1	640.01	1617
	WY 2016	**9306**	**-175**	**198**	**8921**	**0**	**8921**			
	Oct 2016	486	-1	15	653	0	653	10.6	633.00	1434
	Nov 2016	639	-8	10	570	0	570	9.6	635.00	1486
	Dec 2016	590	-12	9	471	0	471	7.7	638.71	1583
	Jan 2017	729	-14	10	622	0	622	10.1	641.80	1666
	Feb 2017	728	-14	10	705	0	705	12.7	641.80	1666
	Mar 2017	1034	-16	13	971	0	971	15.8	643.05	1700
	Apr 2017	1097	-19	17	1063	0	1063	17.9	643.00	1699
	May 2017	990	-13	22	955	0	955	15.5	643.00	1699
	Jun 2017	884	-16	25	869	0	869	14.6	642.00	1671
	Jul 2017	840	-13	25	815	0	815	13.2	641.50	1658
	Aug 2017	760	-11	23	726	0	726	11.8	641.50	1658
	Sep 2017	727	-9	18	741	0	741	12.4	640.01	1617
	WY 2017	**9504**	**-146**	**197**	**9160**	**0**	**9160**			
	Oct 2017	481	-1	15	648	0	648	10.5	633.00	1434
	Nov 2017	619	-8	10	550	0	550	9.2	635.00	1486
	Dec 2017	570	-12	9	451	0	451	7.3	638.71	1583
	Jan 2018	691	-14	10	584	0	584	9.5	641.80	1666
	Feb 2018	662	-14	10	639	0	639	11.5	641.80	1666
	Mar 2018	1006	-16	13	943	0	943	15.3	643.05	1700
	Apr 2018	1055	-19	17	1021	0	1021	17.2	643.00	1699
	May 2018	959	-13	22	924	0	924	15.0	643.00	1699

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2016 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Jun 2015	810	19	16	615	10.3	104	77	448.89	597	109	1.8
H	Jul 2015	762	18	17	592	9.6	107	70	447.99	580	107	1.7
I	Aug 2015	775	16	17	580	9.4	107	70	448.30	586	93	1.5
S	Sep 2015	758	19	15	487	8.2	104	168	448.04	581	90	1.5
	WY 2015	**8945**	**179**	**140**	**6135**		**1195**	**1566**			**1510**	
T	Oct 2015	655	34	12	458	7.5	101	115	447.88	578	59	1.0
O	Nov 2015	599	11	9	385	6.5	98	120	447.57	572	93	1.6
R	Dec 2015	527	22	7	321	5.2	101	130	446.92	560	105	1.7
I	Jan 2016	553	26	6	324	5.3	97	156	446.60	554	154	2.5
C	Feb 2016	675	10	8	543	9.4	13	117	446.50	552	180	3.1
A	Mar 2016	921	18	9	695	11.3	89	123	447.40	569	221	3.6
L	Apr 2016	979	18	11	689	11.6	93	169	448.89	597	202	3.4
*	May 2016	903	13	13	636	10.3	97	176	448.08	581	97	1.6
	Jun 2016	856	14	15	661	11.1	96	76	448.50	589	89	1.5
	Jul 2016	830	29	17	660	10.7	99	69	448.50	589	92	1.5
	Aug 2016	702	26	17	556	9.0	92	69	447.50	570	94	1.5
	Sep 2016	720	23	15	517	8.7	62	140	447.50	571	89	1.5
	WY 2016	**8921**	**245**	**140**	**6444**		**1038**	**1460**			**1476**	
	Oct 2016	653	27	12	469	7.6	57	135	447.50	571	65	1.1
	Nov 2016	570	22	9	374	6.3	92	112	447.50	571	103	1.7
	Dec 2016	471	19	7	288	4.7	94	117	446.50	552	115	1.9
	Jan 2017	622	13	6	388	6.3	82	154	446.50	552	154	2.5
	Feb 2017	705	12	8	485	8.7	73	143	446.50	552	180	3.2
	Mar 2017	971	4	9	724	11.8	82	150	446.70	555	206	3.4
	Apr 2017	1063	19	11	761	12.8	79	182	448.70	593	192	3.2
	May 2017	955	16	13	675	11.0	82	189	448.70	593	97	1.6
	Jun 2017	869	14	16	688	11.6	79	86	448.70	593	98	1.6
	Jul 2017	815	29	17	655	10.7	82	90	448.00	580	99	1.6
	Aug 2017	726	26	17	558	9.1	82	91	447.50	571	99	1.6
	Sep 2017	741	23	15	507	8.5	79	153	447.50	571	89	1.5
	WY 2017	**9160**	**224**	**139**	**6573**		**961**	**1601**			**1497**	
	Oct 2017	648	27	12	466	7.6	82	108	447.50	571	68	1.1
	Nov 2017	550	22	9	370	6.2	79	108	447.50	571	103	1.7
	Dec 2017	451	19	7	288	4.7	82	108	446.50	552	115	1.9
	Jan 2018	584	13	6	378	6.2	102	106	446.50	552	150	2.4
	Feb 2018	639	12	8	476	8.6	59	99	446.50	552	175	3.1
	Mar 2018	943	4	9	718	11.7	85	124	446.70	555	199	3.2
	Apr 2018	1021	19	11	757	12.7	99	124	448.70	593	185	3.1
	May 2018	924	16	13	676	11.0	102	137	448.70	593	93	1.5

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2016 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jun 2015	868	14.6	1075.08	9607	-121	427.78	1573.0	332.0	100	382.4
H	Jul 2015	767	12.5	1078.15	9858	251	432.42	1455.0	292.7	94	381.4
I	Aug 2015	803	13.1	1078.31	9871	13	434.75	1451.0	307.8	93	383.4
S	Sep 2015	723	12.1	1078.10	9854	-17	435.36	1563.0	275.2	100	380.7
	WY 2015	**9246**							**3596.9**		
T	Oct 2015	578	9.4	1078.99	9927	73	435.13	1088.0	221.8	70	383.6
O	Nov 2015	631	10.6	1078.23	9865	-63	433.49	1088.0	244.8	70	387.9
R	Dec 2015	619	10.1	1080.91	10087	222	434.77	1069.0	241.9	68	390.9
I	Jan 2016	662	10.8	1083.68	10318	232	438.04	775.0	258.5	49	390.7
C	Feb 2016	699	12.2	1084.17	10360	41	437.39	880.0	277.0	55	396.1
A	Mar 2016	1008	16.4	1080.45	10048	-311	434.20	973.0	402.7	61	399.7
L	Apr 2016	1055	17.7	1076.13	9693	-355	429.37	1244.0	413.9	80	392.2
*	May 2016	887	14.4	1073.80	9504	-189	426.83	1164.0	343.6	74	387.5
	Jun 2016	883	14.8	1072.15	9371	-132	419.71	1558.0	332.2	100	376.3
	Jul 2016	868	14.1	1072.94	9435	63	419.46	1537.0	331.7	100	382.0
	Aug 2016	709	11.5	1075.51	9642	208	421.45	1549.0	266.1	100	375.2
	Sep 2016	707	11.9	1075.82	9668	26	423.69	1549.0	267.7	100	378.6
	WY 2016	**9306**							**3601.8**		
	Oct 2016	486	7.9	1077.20	9780	112	429.38	1156.0	186.9	74	384.9
	Nov 2016	639	10.7	1076.77	9745	-36	432.66	1081.0	246.9	70	386.2
	Dec 2016	590	9.6	1079.29	9952	207	429.87	1380.0	224.6	88	381.0
	Jan 2017	729	11.8	1080.37	10042	90	430.10	1289.0	281.6	82	386.6
	Feb 2017	728	13.1	1079.92	10004	-37	430.17	1176.0	286.1	75	392.8
	Mar 2017	1034	16.8	1075.64	9653	-352	426.81	1243.0	400.5	80	387.2
	Apr 2017	1097	18.4	1069.78	9182	-471	421.32	1226.0	424.3	81	386.8
	May 2017	990	16.1	1065.31	8831	-351	416.28	1196.0	371.2	80	374.9
	Jun 2017	884	14.9	1063.59	8698	-133	411.45	1482.0	325.8	100	368.6
	Jul 2017	840	13.7	1065.35	8834	136	411.96	1493.0	313.8	100	373.7
	Aug 2017	760	12.4	1069.18	9134	300	414.88	1514.0	282.9	100	372.4
	Sep 2017	727	12.2	1070.52	9241	106	417.92	1522.0	272.6	100	374.7
	WY 2017	**9504**							**3617.3**		
	Oct 2017	481	7.8	1072.01	9360	119	423.55	1227.0	182.4	80	379.2
	Nov 2017	619	10.4	1071.84	9346	-13	427.63	1057.0	238.8	70	386.0
	Dec 2017	570	9.3	1074.66	9574	227	425.14	1348.8	213.9	88	375.5
	Jan 2018	691	11.2	1076.13	9693	119	425.70	1261.0	262.6	82	380.1
	Feb 2018	662	11.9	1076.32	9708	15	426.27	1153.4	254.9	75	384.9
	Mar 2018	1006	16.4	1072.21	9376	-332	423.32	1220.2	384.5	80	382.4
	Apr 2018	1055	17.7	1066.70	8940	-436	418.09	1204.6	402.8	81	381.7
	May 2018	959	15.6	1062.52	8615	-324	413.37	1176.7	361.2	80	376.5

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2016 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
*	Jun 2015	810	13.6	643.81	1721	14	144.85	255.0	104.6	100	129.1
H	Jul 2015	762	12.4	642.57	1687	-34	140.97	255.0	98.4	100	129.1
I	Aug 2015	775	12.6	642.12	1675	-12	142.40	255.0	99.2	100	127.9
S	Sep 2015	758	12.7	639.56	1606	-69	137.76	255.0	95.5	100	126.0
	WY 2015	**8945**							**1122.4**		
T	Oct 2015	655	10.7	635.80	1507	-99	136.05	211.7	81.6	83	124.5
O	Nov 2015	599	10.1	636.11	1514	8	136.53	165.8	72.5	65	121.0
R	Dec 2015	527	8.6	638.77	1585	70	135.98	155.6	65.1	61	123.6
I	Jan 2016	553	9.0	641.26	1651	67	141.86	163.2	71.9	64	129.9
C	Feb 2016	675	11.7	641.04	1645	-6		178.5	86.3	70	127.8
A	Mar 2016	921	15.0	643.17	1703	58	139.07	214.2	117.9	84	128.0
L	Apr 2016	979	16.4	644.70	1746	42	143.66	255.0	125.4	100	128.2
*	May 2016	903	14.7	643.07	1701	-45	141.63	252.5	115.5	99	127.8
	Jun 2016	856	14.4	642.50	1685	-15	135.81	255.0	107.3	100	125.3
	Jul 2016	830	13.5	642.50	1685	0	135.52	255.0	104.0	100	125.3
	Aug 2016	702	11.4	641.50	1658	-27	134.99	255.0	88.2	100	125.6
	Sep 2016	720	12.1	640.01	1617	-40	133.68	255.0	89.5	100	124.2
	WY 2016	**8921**							**1125.1**		
	Oct 2016	653	10.6	633.00	1434	-183	129.77	234.6	78.9	92	120.9
	Nov 2016	570	9.6	635.00	1486	51	128.06	204.0	67.9	80	119.0
	Dec 2016	471	7.7	638.71	1583	97	130.45	224.4	57.7	88	122.4
	Jan 2017	622	10.1	641.80	1666	83	135.03	191.3	77.4	75	124.5
	Feb 2017	705	12.7	641.80	1666	0	137.09	176.0	88.1	69	124.9
	Mar 2017	971	15.8	643.05	1700	34	135.44	255.0	121.0	100	124.5
	Apr 2017	1063	17.9	643.00	1699	-2	136.07	255.0	132.2	100	124.4
	May 2017	955	15.5	643.00	1699	0	136.04	255.0	119.5	100	125.1
	Jun 2017	869	14.6	642.00	1671	-27	135.51	255.0	108.6	100	124.9
	Jul 2017	815	13.2	641.50	1658	-14	134.73	255.0	101.6	100	124.7
	Aug 2017	726	11.8	641.50	1658	0	134.46	255.0	90.7	100	125.0
	Sep 2017	741	12.4	640.01	1617	-40	133.68	255.0	91.9	100	124.1
	WY 2017	**9160**							**1135.4**		
	Oct 2017	648	10.5	633.00	1434	-183	129.77	234.6	78.4	92	120.9
	Nov 2017	550	9.2	635.00	1486	51	128.06	204.0	65.5	80	119.2
	Dec 2017	451	7.3	638.71	1583	97	130.45	224.4	55.3	88	122.5
	Jan 2018	584	9.5	641.80	1666	83	135.03	191.3	72.8	75	124.7
	Feb 2018	639	11.5	641.80	1666	0	137.09	176.0	80.1	69	125.4
	Mar 2018	943	15.3	643.05	1700	34	135.44	255.0	117.5	100	124.7
	Apr 2018	1021	17.2	643.00	1699	-2	136.07	255.0	127.3	100	124.6
	May 2018	924	15.0	643.00	1699	0	136.04	255.0	115.7	100	125.3

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2016 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jun 2015	615	10.3	448.89	597	7	79.48	120.0	43.6	100	70.8
H	Jul 2015	592	9.6	447.99	580	-17	81.75	120.0	41.8	100	70.7
I	Aug 2015	580	9.4	448.30	586	6	82.40	120.0	40.9	100	70.4
S	Sep 2015	487	8.2	448.04	581	-5	82.23	120.0	34.6	100	71.1
	WY 2015	**6135**							**430.7**		
T	Oct 2015	458	7.5	447.88	578	-3	81.97	91.2	32.3	76	70.6
O	Nov 2015	385	6.5	447.57	572	-6	83.21	96.0	27.1	80	70.3
R	Dec 2015	321	5.2	446.92	560	-12	82.51	120.0	21.9	100	68.4
I	Jan 2016	324	5.3	446.60	554	-6	80.76	94.8	22.3	79	68.8
C	Feb 2016	528	9.4	446.50	552	-2	78.54	87.6	38.1	73	72.2
A	Mar 2016	695	11.3	447.40	569	17	81.63	104.4	48.9	87	70.3
L	Apr 2016	689	11.6	448.89	597	28	83.09	120.0	48.4	100	70.3
*	May 2016	636	10.3	448.08	581	-15	82.13	120.0	45.1	100	70.9
	Jun 2016	661	11.1	448.50	589	8	75.65	120.0	43.7	100	66.1
	Jul 2016	660	10.7	448.50	589	0	75.86	120.0	43.7	100	66.2
	Aug 2016	556	9.0	447.50	570	-19	75.37	120.0	36.4	100	65.5
	Sep 2016	517	8.7	447.50	571	0	74.89	120.0	33.6	100	65.0
	WY 2016	**6429**							**441.5**		
	Oct 2016	469	7.6	447.50	571	0	75.74	100.8	30.7	84	65.4
	Nov 2016	374	6.3	447.50	571	0	75.92	97.2	24.3	81	64.9
	Dec 2016	288	4.7	446.50	552	-19	74.40	120.0	18.0	100	62.6
	Jan 2017	388	6.3	446.50	552	0	75.13	93.6	25.0	78	64.5
	Feb 2017	485	8.7	446.50	552	0	74.71	102.0	31.6	85	65.1
	Mar 2017	724	11.8	446.70	555	4	74.01	120.0	47.0	100	65.0
	Apr 2017	761	12.8	448.70	593	38	75.08	120.0	50.2	100	65.9
	May 2017	675	11.0	448.70	593	0	76.05	120.0	44.8	100	66.4
	Jun 2017	688	11.6	448.70	593	0	76.05	120.0	45.8	100	66.5
	Jul 2017	655	10.7	448.00	580	-13	75.71	120.0	43.3	100	66.1
	Aug 2017	558	9.1	447.50	571	-9	75.13	120.0	36.4	100	65.3
	Sep 2017	507	8.5	447.50	571	0	74.89	120.0	33.0	100	65.0
	WY 2017	**6573**							**430.1**		
	Oct 2017	466	7.6	447.50	571	0	75.74	100.8	30.5	84	65.4
	Nov 2017	370	6.2	447.50	571	0	75.92	97.2	24.0	81	64.9
	Dec 2017	288	4.7	446.50	552	-19	74.40	120.0	18.1	100	62.6
	Jan 2018	378	6.2	446.50	552	0	74.89	98.4	24.3	82	64.2
	Feb 2018	476	8.6	446.50	552	0	75.07	94.8	31.1	79	65.4
	Mar 2018	718	11.7	446.70	555	4	74.01	120.0	46.6	100	65.0
	Apr 2018	757	12.7	448.70	593	38	75.08	120.0	49.9	100	65.9
	May 2018	676	11.0	448.70	593	0	76.05	120.0	44.9	100	66.4

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2016 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Jun 2015	348	40	38	67	21	9
H	Jul 2015	471	42	41	53	22	8
I	Aug 2015	357	42	32	38	21	7
S	Sep 2015	317	40	28	37	18	0
	Summer 2015	**2049**	**256**	**173**	**241**	**111**	**39**
T	Oct 2015	264	52	26	32	0	4
O	Nov 2015	256	52	13	15	0	4
R	Dec 2015	378	53	18	16	7	4
I	Jan 2016	373	52	17	22	13	3
C	Feb 2016	302	45	16	21	12	4
A	Mar 2016	298	20	10	11	7	4
	Winter 2016	**1871**	**274**	**100**	**118**	**38**	**23**
L	Apr 2016	288	19	18	25	16	4
*	May 2016	305	20	38	61	21	7
	Jun 2016	323	104	15	19	15	9
	Jul 2016	389	40	28	33	17	9
	Aug 2016	366	40	32	38	19	7
	Sep 2016	282	38	29	35	18	6
	Summer 2016	**1952**	**261**	**158**	**211**	**105**	**42**
	Oct 2016	241	39	23	28	14	6
	Nov 2016	241	38	7	10	5	5
	Dec 2016	320	39	14	18	9	5
	Jan 2017	317	39	14	18	9	5
	Feb 2017	256	35	9	12	6	4
	Mar 2017	255	39	11	15	8	4
	Winter 2017	**1630**	**231**	**79**	**100**	**52**	**29**
	Apr 2017	235	38	19	26	14	4
	May 2017	259	43	60	93	23	6
	Jun 2017	328	68	20	30	20	8
	Jul 2017	415	35	25	30	16	10
	Aug 2017	433	35	27	33	17	8
	Sep 2017	327	34	26	32	16	6
	Summer 2017	**1998**	**253**	**176**	**245**	**107**	**42**
	Oct 2017	244	35	22	28	14	6
	Nov 2017	243	34	17	21	11	6
	Dec 2017	323	35	26	34	17	5
	Jan 2018	321	35	11	14	8	5
	Feb 2018	259	31	9	12	6	4
	Mar 2018	258	35	11	15	8	4
	Winter 2018	**1389**	**169**	**85**	**109**	**56**	**26**
	Apr 2018	239	34	18	27	15	5
	May 2018	263	46	58	83	23	6

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2016 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Jun 2016	414	258	147	12199	13017	17873	30891	80	207	-97	190	12199	17873	30262	1500	883	0	31.4
Jul 2016	378	72	300	10637	11388	18006	29393	32	0	14	47	10637	18006	28689	1500	868	0	31.2
								****CREDITABLE SPACE****										
Aug 2016	363	69	349	10854	11636	17942	29578	363	69	349	781	10854	17942	29578	1500	709	0	30.9
Sep 2016	417	113	376	11259	12166	17735	29900	417	113	376	906	11259	17735	29900	2270	707	0	30.5
Oct 2016	485	164	386	11501	12536	17709	30245	485	164	386	1035	11501	17709	30245	3040	486	0	30.2
Nov 2016	539	200	390	11585	12714	17597	30311	539	200	390	1129	11585	17597	30311	3810	639	0	30.0
Dec 2016	588	193	393	11720	12894	17632	30526	588	193	393	1174	11720	17632	30526	4580	590	0	29.9
Jan 2017	656	213	403	12072	13344	17425	30769	656	213	403	1272	12072	17425	30769	5350	729	0	29.6
								****EFFECTIVE SPACE****										
Jan 2017	656	213	403	12072	13344	17425	30769	222	111	85	419	12072	17425	29916	5350	729	0	29.6
Feb 2017	720	234	409	12441	13804	17335	31139	285	134	91	510	12441	17335	30286	1500	728	0	29.3
Mar 2017	774	242	407	12672	14095	17373	31467	337	144	88	569	12672	17373	30614	1500	1034	0	28.8
Apr 2017	793	246	370	12795	14205	17724	31929	353	150	44	547	12795	17724	31067	1500	1097	0	28.6
May 2017	773	247	311	12682	14013	18195	32208	327	149	-37	438	12682	18195	31315	1500	990	0	29.7
Jun 2017	702	302	282	11329	12616	18546	31162	245	188	-104	329	11329	18546	30205	1500	884	0	31.1
Jul 2017	585	147	469	9828	11029	18679	29708	117	11	28	156	9828	18679	28663	1500	840	0	31.0
								****CREDITABLE SPACE****										
Aug 2017	486	132	499	10100	11218	18543	29760	486	132	499	1117	10100	18543	29760	1500	760	0	30.7
Sep 2017	520	159	517	10652	11848	18243	30090	520	159	517	1195	10652	18243	30090	2270	727	0	30.2
Oct 2017	574	200	518	11029	12321	18136	30457	574	200	518	1292	11029	18136	30457	3040	481	0	30.0
Nov 2017	621	231	510	11132	12494	18017	30511	621	231	510	1362	11132	18017	30511	3810	619	0	29.9
Dec 2017	667	257	507	11250	12680	18031	30711	667	257	507	1431	11250	18031	30711	4580	570	0	29.7
Jan 2018	729	321	508	11565	13123	17803	30927	729	321	508	1558	11565	17803	30927	5350	691	0	29.5
								****EFFECTIVE SPACE****										
Jan 2018	729	321	508	11565	13123	17803	30927	402	239	214	855	11565	17803	30223	5350	691	0	29.5
Feb 2018	785	332	512	11915	13544	17684	31228	457	251	216	925	11915	17684	30525	1500	662	0	29.3
Mar 2018	829	339	505	12124	13796	17669	31465	499	260	208	967	12124	17669	30760	1500	1006	0	29.0
Apr 2018	826	339	449	12185	13800	18001	31801	492	262	146	900	12185	18001	31086	1500	1055	0	28.9
May 2018	792	329	358	11941	13420	18437	31857	451	248	32	731	11941	18437	31110	1500	959	0	30.1

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