September 24-Month Study
Date: September 12, 2016

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

Current Reservoir Status

Reservoir	August Inflow (unregulated) (acre-feet)	Percent of Average (%)	September 11, Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	80,000	37	6,492.83	246,000
Flaming Gorge	91,000	35	6,026.97	3,233,000
Blue Mesa	81,000	61	7,504.62	700,000
Navajo	24,000	29	6,058.38	1,327,000
Powell	595,000	55	3,612.43	13,448,000

Expected Operations

The operation of Lake Powell and Lake Mead in this September 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) and the draft 2017 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 above mean sea level (feet) and the end of water year elevation at Lake Mead to be below elevation 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 2016. Based on the most probable inflow forecast, this September 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 August 2016 24-Month Study projects the January 1, 2017 Lake Powell elevation to be below the 2017 Equalization Elevation of 3,652 feet and above elevation 3,575 feet. Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2017 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2017. Consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is currently projected to occur and Lake Powell is projected to release 9.0 maf in water year 2017.

The August 2016 24-Month Study projects the January 1, 2017 Lake Mead elevation to be above 1,075 feet. Consistent with Section 2.B.5 of the Interim Guidelines, the ICS Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2017.

The operational tier determinations will be documented in the 2017 AOP, which is currently in the final stages of development.

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.
The draft 2017 AOP is available for download at
http://www.usbr.gov/uc/water/rsvrs/ops/aop/2017AOP_2016-09-02_Consultation-3.pdf

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6494.83 feet above sea level (feet), which amounts to 76 percent of live storage capacity. Inflows for the month of August totaled 29,000 acre-feet (af), or 37 percent of average. Releases will be decreased to base flow levels of approximately 900 cubic feet per second (cfs) sometime in September and are forecasted to remain at this level through the winter, subject to hydrology.

The Colorado Basin River Forecast Center has forecasted spring inflows that are much below average. September, October and November forecasted inflow volumes amount to 30,000 af (65 percent of average), 40,000 af (82 percent of average), and 40,000 af (95 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., April 19, 2017. The meeting will be held at Seedskadee Wildlife Refuge Headquarters, 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 1,800 cfs on average each day. Releases during the base flow period through September 30, 2016, will be modified regularly to provide for Colorado Pikeminnow flows in Reach 2 of the Green River. Targeted flow levels in Reach 2 will vary between approximately 2,000 cfs to 2,400 cfs.

The observed April-July unregulated inflow volume into Flaming Gorge Dam was 1.048 million acre-feet (maf). This volume falls in the average (above median) hydrologic classification at 49 percent exceedance for the base flow period. Base flow hydrologic classification may change based on observed hydrology through the end of February 2017.

Unregulated inflow into Flaming Gorge Reservoir during the month of August was 28,000 af, or 32 percent of average. The reservoir elevation is 6,027.49 feet (87 percent of live capacity) and decreasing.

The September final forecast for inflows for the next three months projects much below average trending to above average: with September, October and November forecasted inflow volumes at 35,000 af (64 percent of average), 50,000 af (85 percent of average), and 59,000 af (115 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 Thursday, April 20, 2017, at 10:00 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 1800 cfs with 1000 cfs being diverted through the Gunnison Tunnel and approximately 850 cfs flowing through the Black Canyon. The August unregulated inflow to Blue Mesa Reservoir was 57,000 af (90 percent of average) which was above the forecasted volume of 45,000 af (71 percent of average). The end of August reservoir elevation for Blue Mesa was 7506.19 feet. The peak elevation of Blue Mesa Reservoir for Water Year 2016 occurred on July 7, 2016 when the elevation reached 7515.98 feet above sea level. This elevation corresponds to a live storage level of 799,000 acre-feet (96 percent of full capacity).

Inflows to Blue Mesa for the next three months are projected to be below average: with September, October and November forecasted inflow volumes of 35,000 af (92 percent of average), 35,000 af (92 percent of average) and 30,000 af (68 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, January 19th, 2017 at 1:00 pm at the Holiday Inn Express located in Montrose, Colorado.

Navajo Reservoir – As of September 1st, 2016, Navajo reservoir elevation is 6059 feet (1.336 maf live storage) and is releasing 500 cfs. 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 (unregulated inflow into Navajo, adjusted to account for the trans-basin diversion through the Azotea Tunnel) during the month of August was 30,000 af, which was 67 percent of average. The total April-July modified unregulated inflow into Navajo for 2016 was 566,000 af (77 percent of average).

Inflows for the next three months are projected to be below average: with September, October, and November forecasted inflow volumes at 23,000 af (55 percent of average), 30,000 af (64 percent of average), and 31,000 af (93 percent of average), respectively.

The spring peak release began May 18th. The release was reduced to 2,000 cfs at the request of the San Juan County office of Emergency Management (OEM) on May 25th due to safety and property concerns. Reclamation coordinated daily with OEM to safely increase the release with the goal of reaching 5,000 cfs. The maximum release reached was 4,720 cfs on June 5th. The release was decreased to 4,200 cfs for most of the remainder of the spring peak release. Ramp-down for the spring peak release began on July 1st and was complete by July 11th. Releases will be made to maintain target baseflows in the critical habitat reach for the remainder of the year.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Meeting is scheduled for January 24th, 2017, at 1pm at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow to Lake Powell in August was 253 thousand acre-feet (kaf) (51 percent of average). The release volume from Glen Canyon Dam in August was 900 kaf. The end of August elevation and storage of Lake Powell were 3,613.55 feet (86 feet from full pool) and 13.1 maf (54 percent of full capacity), respectively. The April to July 2016 unregulated inflow to Lake Powell was 6.61 maf (92 percent of average). The reservoir elevation peaked at 3,621.5 feet on July 9 and is now in its seasonal decline through the fall and winter months.

Current Operations

The operating tier for water year 2016, established in August 2015, is 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. Based on the most probable inflow forecast, this September 24-Month Study projects a balancing release of 9.0 maf in water year 2016. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2016.

The operating tier for water year 2017, established in August 2016, is the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April 2017 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing releases is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2017. This projection will be updated each month throughout the water year.

In September 2016, the release volume will be approximately 699 kaf, with fluctuations anticipated between approximately 8,500 cfs and 14,500 cfs and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for October is approximately 600 kaf with daily fluctuations between approximately 7,000 cfs and 13,000 cfs. The expected release for November is 600 kaf with daily fluctuations between approximately 7,000 cfs and 13,000 cfs.

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

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 27 mw (approximately 800 cfs) of generation capacity in

reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2016 unregulated inflow to Lake Powell, issued on September 1, 2016, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume next year will be 9.53 maf (88 percent of average). There is significant uncertainty regarding next season's snow pack development and resulting runoff into Lake Powell. The forecast ranges from a minimum probable of 6.6 maf (61 percent of average) to a maximum probable of 17.0 maf (157 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the September 24-Month Study projects Lake Powell elevation will end water year 2016 near 3,611.0 feet with approximately 12.83 maf in storage (53 percent capacity) and water year 2017 near 3,611.0 feet with approximately 12.83 maf in storage (53 percent capacity). Note that projections of elevation and storage for water year 2017 have significant uncertainty at this point in the season. Projections of elevation and storage using the minimum and maximum probable inflow forecast, last updated in August, are 3,589 feet (10.7 maf, 44 percent of capacity) and 3,645 feet (16.6 maf, 68 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2017 is projected to be 9.0 maf under the minimum and most probable inflow scenarios and 11.9 maf under the maximum probable inflow scenario. There is a chance that inflows could be higher or lower, potentially resulting in releases greater than 11.9 maf or as low as 8.23 maf in water year 2017. The minimum and maximum probable scenarios will be updated again in October.

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 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 2000-2015 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 percent 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 9.64 maf (89 percent of average).

At the beginning of water year 2016, total system storage in the Colorado River Basin was 30.3 maf (51 percent 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 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 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 2017 total Colorado Basin reservoir storage is approximately 29.8 maf (50 percent 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 August minimum and maximum probable inflow forecasts and modeling the range is approximately 27.3 maf (46 percent of capacity) to 34.1 maf (57 percent of capacity), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
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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			aug	Forecast			Observed	
:	may	jun	jul	aug	%Avg	sep	oct	nov	apr-jul	%Avg
GLDA3:Lake Powell	2294	2907	595	253	51%:	300/	450/	420/	6610/:	92%
GBRW4:Fontenelle	186	293	80	29	38%:	30/	40/	40/	650/:	90%
GRNU1:Flaming Gorge	362	455	91	28	31%:	35/	50/	59/	1048/:	107%
BMDC2:Blue Mesa	161	285	81	57	90%:	35/	35/	30/	602/:	89%
MPSC2:Morrow Point	176	302	83	58	87%:	38/	37/	32/	644/:	87%
CLSC2:Crystal	194	344	89	62	83%:	44/	43/	36/	719/:	86%
TPIC2:Taylor Park	17.2	41	11.2	8.5	83%:	6/	6/	5/	79/:	80%
VCRC2:Vallecito	60	77	17.1	15.1	76%:	12/	11/	7/	179/:	92%
NVRN5:Navajo	207	212	24	30	67%:	23/	30/	31/	562/:	76%
LEMC2:Lemon	14.5	23	2.3	4.6	93%:	3/	2/	1.5/	45/:	82%
MPHC2:McPhee	101	78	17.2	16.4	104%:	10/	7/	5/	241/:	82%
RBSC2:Ridgway	18.5	49	22	14.5	98%:	9/	7/	5/	99/:	98%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 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)
*	Sep 2015	37	2	0	61	61	6493.88	254
	WY 2015	**1210**	**16**	**930**	**324**	**1254**		
H	Oct 2015	46	1	46	15	61	6491.60	238
I	Nov 2015	40	1	56	1	57	6489.03	221
S	Dec 2015	36	1	58	0	58	6485.40	197
T	Jan 2016	32	1	49	10	58	6480.71	170
O	Feb 2016	34	0	55	0	55	6476.59	149
R	Mar 2016	50	1	58	0	58	6474.73	140
I	Apr 2016	91	1	56	0	56	6481.34	174
C	May 2016	186	2	86	20	106	6493.63	252
A	Jun 2016	293	2	101	143	243	6500.14	299
L	Jul 2016	80	3	73	3	76	6500.25	300
*	Aug 2016	29	2	65	0	65	6495.03	262
	Sep 2016	30	2	56	0	56	6491.00	235
	WY 2016	**946**	**15**	**759**	**192**	**951**		
	Oct 2016	40	1	55	0	55	6488.45	218
	Nov 2016	40	1	54	0	54	6486.29	204
	Dec 2016	33	1	55	0	55	6482.52	181
	Jan 2017	28	1	55	0	55	6477.37	153
	Feb 2017	27	0	50	0	50	6472.42	130
	Mar 2017	43	0	55	0	55	6469.48	117
	Apr 2017	68	1	71	0	71	6468.52	113
	May 2017	122	1	92	0	92	6475.00	142
	Jun 2017	260	2	101	6	107	6499.14	292
	Jul 2017	170	3	101	16	117	6505.65	343
	Aug 2017	65	2	84	0	84	6502.98	322
	Sep 2017	44	2	70	0	70	6499.31	294
	WY 2017	**940**	**14**	**845**	**22**	**867**		
	Oct 2017	47	1	69	0	69	6496.20	271
	Nov 2017	42	1	67	0	67	6492.54	245
	Dec 2017	32	1	69	0	69	6486.85	208
	Jan 2018	30	1	69	0	69	6480.30	168
	Feb 2018	28	0	62	0	62	6473.25	133
	Mar 2018	53	0	69	0	69	6469.43	117
	Apr 2018	85	1	89	0	89	6468.37	112
	May 2018	164	1	98	7	105	6480.62	170
	Jun 2018	299	2	102	69	171	6499.66	296
	Jul 2018	178	3	101	28	129	6505.54	342
	Aug 2018	77	2	100	5	105	6501.68	312

* 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

September 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)
*	Sep 2015	39	62	11	100	1	101	139	6032.59	3450	127
	WY 2015	**1562**	**1606**	**82**	**1293**	**58**	**1352**				**2856**
H	Oct 2015	48	63	7	131	0	131	136	6030.73	3377	162
I	Nov 2015	38	55	4	131	0	131	133	6028.73	3300	176
S	Dec 2015	38	61	2	137	0	137	130	6026.75	3225	172
T	Jan 2016	44	71	2	134	0	134	127	6025.07	3163	168
O	Feb 2016	63	84	2	118	0	118	126	6024.11	3127	164
R	Mar 2016	84	93	3	51	0	51	127	6025.13	3165	131
I	Apr 2016	140	105	5	50	0	50	129	6026.43	3213	316
C	May 2016	362	282	8	52	0	52	138	6032.01	3427	701
A	Jun 2016	455	405	11	270	198	469	135	6030.17	3356	965
L	Jul 2016	91	88	13	116	4	120	133	6029.03	3312	223
*	Aug 2016	28	64	13	110	0	110	131	6027.55	3255	137
	Sep 2016	35	61	11	106	0	106	129	6026.14	3202	121
	WY 2016	**1426**	**1431**	**81**	**1405**	**203**	**1608**				**3435**
	Oct 2016	50	65	7	85	0	85	128	6025.46	3177	115
	Nov 2016	59	73	3	97	0	97	127	6024.74	3151	132
	Dec 2016	40	62	2	101	0	101	125	6023.67	3111	129
	Jan 2017	45	72	2	101	0	101	124	6022.86	3082	126
	Feb 2017	45	68	2	92	0	92	123	6022.17	3057	116
	Mar 2017	92	104	3	50	0	50	125	6023.54	3107	120
	Apr 2017	125	128	5	48	0	48	128	6025.53	3180	248
	May 2017	178	148	8	111	0	111	129	6026.29	3208	621
	Jun 2017	310	157	10	147	0	147	129	6026.30	3208	627
	Jul 2017	205	152	13	89	0	89	131	6027.56	3256	171
	Aug 2017	76	95	12	89	0	89	131	6027.38	3249	110
	Sep 2017	50	76	11	86	0	86	130	6026.85	3229	101
	WY 2017	**1275**	**1202**	**78**	**1096**	**0**	**1096**				**2616**
	Oct 2017	55	77	7	89	0	89	129	6026.35	3210	117
	Nov 2017	50	75	3	86	0	86	129	6025.96	3196	116
	Dec 2017	35	72	2	89	0	89	128	6025.47	3177	114
	Jan 2018	40	79	2	89	0	89	127	6025.16	3166	114
	Feb 2018	45	79	2	81	0	81	127	6025.06	3163	108
	Mar 2018	102	119	3	89	0	89	128	6025.75	3188	166
	Apr 2018	134	137	5	86	0	86	130	6026.94	3232	301
	May 2018	245	186	8	159	0	159	131	6027.43	3251	691
	Jun 2018	390	262	10	134	0	134	135	6030.38	3364	554
	Jul 2018	210	162	14	98	0	98	137	6031.60	3411	198
	Aug 2018	89	117	13	98	0	98	137	6031.73	3416	124

* 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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September 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)
*	Sep 2015	7	18	9311.10	72
	WY 2015	**166**	**171**		
H	Oct 2015	7	8	9310.71	71
I	Nov 2015	5	6	9310.40	71
S	Dec 2015	5	6	9309.95	70
T	Jan 2016	6	6	9309.87	70
O	Feb 2016	4	5	9309.07	68
R	Mar 2016	5	6	9308.44	67
I	Apr 2016	9	6	9310.70	71
C	May 2016	17	11	9314.16	77
A	Jun 2016	41	20	9325.34	97
L	Jul 2016	11	21	9320.04	87
*	Aug 2016	9	16	9315.75	79
	Sep 2016	6	13	9311.57	72
	WY 2016	**124**	**124**		
	Oct 2016	6	6	9311.57	72
	Nov 2016	5	5	9311.57	72
	Dec 2016	4	5	9310.95	71
	Jan 2017	4	5	9310.33	70
	Feb 2017	3	5	9309.06	68
	Mar 2017	3	5	9307.78	66
	Apr 2017	6	5	9308.42	67
	May 2017	22	10	9315.75	79
	Jun 2017	38	15	9328.11	102
	Jul 2017	14	20	9325.05	96
	Aug 2017	8	20	9318.60	84
	Sep 2017	7	17	9312.79	74
	WY 2017	**120**	**118**		
	Oct 2017	6	8	9311.84	73
	Nov 2017	5	6	9311.24	72
	Dec 2017	5	6	9310.41	71
	Jan 2018	4	6	9309.37	69
	Feb 2018	4	6	9307.96	67
	Mar 2018	4	6	9306.94	65
	Apr 2018	9	6	9308.74	68
	May 2018	28	20	9313.85	76
	Jun 2018	42	22	9324.79	96
	Jul 2018	20	22	9323.82	94
	Aug 2018	10	20	9318.56	84

* 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)
*	Sep 2015	39	50	1	95	0	95	7507.65	726
	WY 2015	**1042**	**1047**	**9**	**835**	**72**	**912**		
H	Oct 2015	33	34	1	87	0	87	7501.39	673
I	Nov 2015	30	31	0	45	0	45	7499.64	658
S	Dec 2015	27	28	0	62	0	62	7495.46	624
T	Jan 2016	27	27	0	61	0	61	7491.12	590
O	Feb 2016	26	27	0	59	0	58	7487.04	559
R	Mar 2016	41	42	0	36	0	37	7487.62	563
I	Apr 2016	75	72	1	63	0	63	7488.62	571
C	May 2016	161	155	1	134	19	153	7488.74	572
A	Jun 2016	285	265	1	46	0	46	7514.84	788
L	Jul 2016	81	91	2	112	0	112	7512.31	766
*	Aug 2016	57	65	1	110	0	110	7506.94	720
	Sep 2016	35	42	1	96	0	96	7500.43	665
	WY 2016	**879**	**878**	**9**	**910**	**19**	**930**		
	Oct 2016	35	35	1	65	0	65	7496.71	635
	Nov 2016	30	30	0	35	0	35	7496.07	629
	Dec 2016	26	27	0	78	0	78	7489.62	578
	Jan 2017	23	24	0	44	0	44	7487.02	558
	Feb 2017	19	21	0	28	0	28	7486.09	551
	Mar 2017	31	33	0	35	0	35	7485.79	549
	Apr 2017	65	64	1	52	0	52	7487.26	560
	May 2017	191	179	1	162	0	162	7489.33	576
	Jun 2017	250	227	1	66	0	66	7508.85	736
	Jul 2017	93	99	2	83	0	83	7510.49	750
	Aug 2017	49	61	1	96	0	96	7506.33	714
	Sep 2017	38	48	1	101	0	101	7499.88	660
	WY 2017	**850**	**848**	**9**	**844**	**0**	**844**		
	Oct 2017	38	40	1	74	0	74	7495.59	626
	Nov 2017	31	32	0	37	0	37	7495.01	621
	Dec 2017	26	27	0	69	0	69	7489.70	579
	Jan 2018	24	26	0	50	0	50	7486.55	555
	Feb 2018	22	25	0	31	0	31	7485.73	549
	Mar 2018	36	38	0	38	0	38	7485.63	548
	Apr 2018	77	74	1	55	0	55	7488.05	566
	May 2018	221	213	1	172	0	172	7493.15	606
	Jun 2018	261	241	1	65	0	65	7513.95	781
	Jul 2018	117	119	2	80	0	80	7518.05	817
	Aug 2018	63	73	1	108	0	108	7514.05	781

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

Model Run ID: 3016

Processed On: 9/9/2016 10:40:02AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 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)
*	Sep 2015	39	95	0	95	103	0	103	7143.98	104
	WY 2015	**1095**	**912**	**53**	**965**	**926**	**23**	**972**		
H	Oct 2015	34	87	0	87	93	0	93	7135.56	98
I	Nov 2015	31	45	1	46	47	0	47	7133.97	97
S	Dec 2015	28	62	1	62	46	1	47	7154.01	112
T	Jan 2016	27	61	1	62	64	0	64	7150.69	110
O	Feb 2016	27	58	1	60	61	0	61	7148.82	108
R	Mar 2016	43	37	2	39	36	0	36	7152.74	111
I	Apr 2016	83	63	7	71	71	0	71	7152.57	111
C	May 2016	176	153	15	168	176	4	180	7136.53	99
A	Jun 2016	302	46	18	64	52	0	52	7152.31	111
L	Jul 2016	83	112	2	114	113	0	113	7153.43	112
*	Aug 2016	58	110	1	111	111	0	111	7153.88	112
	Sep 2016	38	96	3	99	99	0	99	7153.73	112
	WY 2016	**930**	**930**	**52**	**981**	**968**	**5**	**973**		
	Oct 2016	37	65	2	67	67	0	67	7153.73	112
	Nov 2016	32	35	2	37	37	0	37	7153.73	112
	Dec 2016	28	78	2	80	80	0	80	7153.73	112
	Jan 2017	25	44	2	46	46	0	46	7153.73	112
	Feb 2017	21	28	2	30	30	0	30	7153.73	112
	Mar 2017	35	35	4	39	39	0	39	7153.73	112
	Apr 2017	71	52	6	58	58	0	58	7153.73	112
	May 2017	215	162	24	186	186	0	186	7153.73	112
	Jun 2017	265	66	15	81	81	0	81	7153.73	112
	Jul 2017	96	83	3	86	86	0	86	7153.73	112
	Aug 2017	50	96	1	97	97	0	97	7153.73	112
	Sep 2017	40	101	2	103	103	0	103	7153.73	112
	WY 2017	**915**	**844**	**65**	**909**	**909**	**0**	**909**		
	Oct 2017	40	74	2	76	76	0	76	7153.73	112
	Nov 2017	33	37	2	39	39	0	39	7153.73	112
	Dec 2017	28	69	2	71	71	0	71	7153.73	112
	Jan 2018	27	50	2	52	52	0	52	7153.73	112
	Feb 2018	25	31	3	33	33	0	33	7153.73	112
	Mar 2018	40	38	4	42	42	0	42	7153.73	112
	Apr 2018	88	55	11	66	66	0	66	7153.73	112
	May 2018	247	172	26	198	198	0	198	7153.73	112
	Jun 2018	281	65	20	85	85	0	85	7153.73	112
	Jul 2018	123	80	6	87	87	0	87	7153.73	112
	Aug 2018	67	108	3	111	111	0	111	7153.73	112

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Model Run ID: 3016

Processed On: 9/9/2016 10:40:02AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 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)
*	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**
H	Oct 2015	37	93	3	96	0	94	94	6750.81	16	51	44
I	Nov 2015	34	47	3	50	0	50	50	6750.12	16	0	51
S	Dec 2015	32	47	4	51	40	12	52	6747.07	15	1	53
T	Jan 2016	31	64	4	68	67	0	68	6748.20	16	1	69
O	Feb 2016	30	61	3	64	63	0	63	6752.48	17	0	65
R	Mar 2016	48	36	5	41	41	0	41	6752.32	17	2	41
I	Apr 2016	92	71	9	80	80	0	80	6751.41	16	47	36
C	May 2016	194	180	18	198	109	64	197	6753.13	17	51	154
A	Jun 2016	344	52	41	93	74	20	93	6752.00	17	43	53
L	Jul 2016	89	113	6	119	117	2	119	6750.04	16	64	58
*	Aug 2016	62	111	4	114	114	0	114	6749.30	16	62	53
	Sep 2016	44	99	6	105	104	0	104	6753.04	17	55	49
	WY 2016	**1036**	**973**	**106**	**1079**	**809**	**242**	**1076**			**379**	**725**
	Oct 2016	43	67	6	73	73	0	73	6753.04	17	30	43
	Nov 2016	36	37	4	41	41	0	41	6753.04	17	0	41
	Dec 2016	33	80	5	85	85	0	85	6753.04	17	0	85
	Jan 2017	29	46	4	50	50	0	50	6753.04	17	0	50
	Feb 2017	24	30	3	33	33	0	33	6753.04	17	0	33
	Mar 2017	40	39	5	44	44	0	44	6753.04	17	5	39
	Apr 2017	81	58	10	68	68	0	68	6753.04	17	30	38
	May 2017	240	186	25	211	134	77	211	6753.04	17	55	156
	Jun 2017	290	81	25	106	106	0	106	6753.04	17	60	46
	Jul 2017	105	86	9	95	95	0	95	6753.04	17	65	30
	Aug 2017	53	97	3	100	100	0	100	6753.04	17	65	35
	Sep 2017	46	103	6	109	109	0	109	6753.04	17	55	54
	WY 2017	**1020**	**909**	**105**	**1014**	**937**	**77**	**1014**			**365**	**649**
	Oct 2017	46	76	6	82	82	0	82	6753.04	17	30	52
	Nov 2017	38	39	5	43	43	0	43	6753.04	17	0	43
	Dec 2017	32	71	5	75	75	0	75	6753.04	17	0	75
	Jan 2018	31	52	5	57	57	0	57	6753.04	17	0	57
	Feb 2018	29	33	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	66	12	79	79	0	79	6753.04	17	30	49
	May 2018	281	198	34	232	134	98	232	6753.04	17	55	177
	Jun 2018	315	85	34	119	119	0	119	6753.04	17	60	59
	Jul 2018	138	87	14	101	101	0	101	6753.04	17	65	36
	Aug 2018	75	111	8	119	119	0	119	6753.04	17	65	54

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Model Run ID: 3016

Processed On: 9/9/2016 10:40:02AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 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)
*	Sep 2015	11	29	7645.08	75
	WY 2015	**294**	**285**		
H	Oct 2015	17	15	7645.65	77
I	Nov 2015	11	5	7648.25	83
S	Dec 2015	7	4	7649.57	86
T	Jan 2016	6	7	7649.21	85
O	Feb 2016	7	6	7649.77	86
R	Mar 2016	14	6	7652.71	94
I	Apr 2016	25	13	7657.23	105
C	May 2016	60	44	7663.23	121
A	Jun 2016	77	73	7664.30	124
L	Jul 2016	17	38	7656.15	102
*	Aug 2016	15	33	7648.82	84
	Sep 2016	12	29	7641.18	67
	WY 2016	**267**	**272**		
	Oct 2016	11	16	7638.52	61
	Nov 2016	7	2	7640.93	66
	Dec 2016	6	2	7642.81	70
	Jan 2017	5	2	7644.19	73
	Feb 2017	4	2	7645.18	76
	Mar 2017	6	2	7646.91	80
	Apr 2017	18	2	7653.52	96
	May 2017	67	39	7663.96	123
	Jun 2017	65	65	7663.81	122
	Jul 2017	28	42	7658.45	108
	Aug 2017	18	38	7650.34	88
	Sep 2017	15	30	7643.91	73
	WY 2017	**250**	**240**		
	Oct 2017	14	17	7642.46	70
	Nov 2017	8	2	7645.35	76
	Dec 2017	6	2	7647.26	80
	Jan 2018	5	2	7648.74	84
	Feb 2018	5	2	7649.98	87
	Mar 2018	9	2	7652.68	93
	Apr 2018	23	2	7660.99	115
	May 2018	71	63	7663.97	123
	Jun 2018	70	70	7663.93	123
	Jul 2018	29	42	7658.97	109
	Aug 2018	20	38	7651.63	91

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Model Run ID: 3016

Processed On: 9/9/2016 10:40:02AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 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)
*	Sep 2015	15	0	33	3	25	33	6063.41	1392	48
	WY 2015	**900**	**90**	**797**	**27**	**170**	**289**			**890**
H	Oct 2015	42	1	40	2	9	29	6063.43	1392	55
I	Nov 2015	37	1	30	1	0	21	6064.00	1400	39
S	Dec 2015	23	0	19	1	0	21	6063.81	1397	34
T	Jan 2016	22	0	23	1	0	22	6063.77	1396	34
O	Feb 2016	42	2	39	1	1	28	6064.39	1405	43
R	Mar 2016	81	7	67	2	4	25	6067.08	1441	52
I	Apr 2016	119	13	94	3	19	22	6070.75	1491	53
C	May 2016	209	26	165	4	12	91	6074.87	1549	175
A	Jun 2016	214	35	174	5	25	250	6067.29	1443	376
L	Jul 2016	24	4	40	5	37	79	6061.29	1364	97
*	Aug 2016	30	4	45	4	33	35	6059.16	1337	54
	Sep 2016	23	1	39	3	28	30	6057.41	1315	53
	WY 2016	**865**	**94**	**775**	**29**	**170**	**653**			**1065**
	Oct 2016	30	1	34	2	17	25	6056.65	1306	46
	Nov 2016	31	1	25	1	3	22	6056.59	1305	38
	Dec 2016	23	0	19	1	0	23	6056.19	1300	37
	Jan 2017	19	0	16	1	0	23	6055.55	1292	35
	Feb 2017	23	0	21	1	0	21	6055.47	1291	31
	Mar 2017	66	2	60	2	5	23	6057.92	1322	39
	Apr 2017	127	14	97	2	20	22	6062.04	1374	63
	May 2017	260	39	193	4	34	96	6066.51	1433	237
	Jun 2017	190	34	156	4	50	230	6056.54	1304	360
	Jul 2017	51	7	57	4	55	29	6054.07	1274	84
	Aug 2017	35	1	53	3	46	37	6051.33	1241	69
	Sep 2017	35	1	49	3	26	29	6050.63	1233	56
	WY 2017	**890**	**100**	**780**	**27**	**257**	**579**			**1094**
	Oct 2017	41	2	42	2	9	23	6051.31	1241	48
	Nov 2017	31	1	24	1	0	22	6051.38	1242	39
	Dec 2017	25	0	20	1	0	23	6051.12	1239	38
	Jan 2018	22	0	18	1	0	23	6050.67	1233	37
	Feb 2018	30	0	27	1	0	21	6051.13	1239	33
	Mar 2018	92	2	84	2	5	23	6055.59	1293	45
	Apr 2018	170	15	134	2	21	22	6062.63	1382	75
	May 2018	277	40	228	4	35	151	6065.55	1420	297
	Jun 2018	224	34	189	4	51	272	6054.73	1282	423
	Jul 2018	66	8	71	4	56	40	6052.35	1253	107
	Aug 2018	45	2	62	3	47	33	6050.48	1231	72

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Model Run ID: 3016

Processed On: 9/9/2016 10:40:02AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 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)
*	Sep 2015	276	435	49	714	0	714	3606.01	5040	12333	726
	WY 2015	**10174**	**9419**	**368**	**8868**	**132**	**9000**				**9136**
H	Oct 2015	535	680	34	600	0	600	3606.44	5044	12375	609
I	Nov 2015	421	506	32	577	0	577	3605.47	5036	12280	583
S	Dec 2015	266	393	26	857	0	857	3600.80	5000	11827	863
T	Jan 2016	300	433	8	857	0	857	3596.58	4968	11427	865
O	Feb 2016	396	490	8	700	0	700	3594.41	4952	11224	704
R	Mar 2016	553	486	14	694	0	694	3592.18	4935	11019	707
I	Apr 2016	814	681	22	665	0	665	3592.12	4935	11014	681
C	May 2016	2294	1925	26	700	0	700	3603.87	5024	12123	714
A	Jun 2016	2907	2618	46	800	0	800	3620.01	5155	13764	812
L	Jul 2016	595	804	58	950	0	950	3618.22	5140	13576	969
*	Aug 2016	253	432	56	900	0	900	3613.55	5101	13091	920
	Sep 2016	300	466	50	699	0	699	3610.98	5080	12829	712
	WY 2016	**9635**	**9914**	**378**	**9000**	**0**	**9000**				**9140**
	Oct 2016	450	528	35	600	0	600	3609.99	5072	12730	609
	Nov 2016	420	457	33	600	0	600	3608.37	5059	12567	604
	Dec 2016	330	443	26	800	0	800	3604.78	5031	12212	803
	Jan 2017	320	401	8	800	0	800	3600.90	5001	11836	807
	Feb 2017	350	403	8	650	0	650	3598.42	4982	11600	654
	Mar 2017	550	476	14	650	0	650	3596.57	4968	11425	655
	Apr 2017	830	669	22	600	0	600	3597.02	4971	11468	609
	May 2017	2120	1934	28	650	0	650	3609.02	5064	12632	658
	Jun 2017	2580	2357	47	800	0	800	3622.50	5176	14030	807
	Jul 2017	820	734	58	1000	0	1000	3619.68	5152	13730	1016
	Aug 2017	420	529	56	1050	0	1050	3614.57	5109	13195	1065
	Sep 2017	340	460	51	800	0	800	3611.02	5080	12833	813
	WY 2017	**9530**	**9391**	**386**	**9000**	**0**	**9000**				**9102**
	Oct 2017	455	518	35	600	0	600	3609.95	5072	12725	609
	Nov 2017	447	480	33	600	0	600	3608.54	5060	12584	604
	Dec 2017	363	458	26	800	0	800	3605.10	5033	12243	803
	Jan 2018	361	437	8	800	0	800	3601.56	5006	11899	807
	Feb 2018	393	428	8	650	0	650	3599.33	4989	11686	654
	Mar 2018	665	592	14	650	0	650	3598.62	4983	11619	655
	Apr 2018	1056	873	23	600	0	600	3601.06	5002	11851	609
	May 2018	2343	2157	29	650	0	650	3614.81	5111	13220	658
	Jun 2018	2666	2348	49	800	0	800	3627.80	5222	14608	807
	Jul 2018	1091	979	61	1000	0	1000	3627.12	5216	14533	1016
	Aug 2018	500	591	59	1050	0	1050	3622.72	5178	14053	1065

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Model Run ID: 3016

Processed On: 9/9/2016 10:40:02AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 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)
*	Sep 2015	714	72	58	723	12.1	24	722	641	1078.10	9854
	WY 2015	**9000**	**722**	**540**	**9246**		**221**	**9215**			
H	Oct 2015	600	118	42	578	9.4	20	577	645	1078.99	9927
I	Nov 2015	577	41	42	631	10.6	12	630	641	1078.23	9865
S	Dec 2015	857	43	36	619	10.1	9	618	656	1080.91	10087
T	Jan 2016	857	89	30	662	10.8	8	661	671	1083.68	10318
O	Feb 2016	700	81	28	699	12.2	10	698	673	1084.17	10360
R	Mar 2016	694	31	31	1008	16.4	18	1007	653	1080.45	10048
I	Apr 2016	665	68	38	1055	17.7	18	1055	630	1076.13	9693
C	May 2016	700	50	43	887	14.4	22	885	618	1073.80	9504
A	Jun 2016	800	14	51	920	15.5	28	919	606	1071.64	9330
L	Jul 2016	950	70	64	831	13.5	30	840	612	1072.75	9419
*	Aug 2016	900	106	69	701	11.4	28	700	625	1075.17	9615
	Sep 2016	699	112	57	710	11.9	19	710	627	1075.47	9639
	WY 2016	**9000**	**822**	**531**	**9300**		**220**	**9300**			
	Oct 2016	600	69	42	545	8.9	21	545	630	1076.17	9696
	Nov 2016	600	56	42	582	9.8	12	582	632	1076.41	9716
	Dec 2016	800	54	36	576	9.4	7	576	646	1079.10	9937
	Jan 2017	800	62	30	744	12.1	8	744	651	1080.02	10012
	Feb 2017	650	73	27	723	13.0	7	723	649	1079.63	9981
	Mar 2017	650	55	30	1037	16.9	15	1037	626	1075.31	9626
	Apr 2017	600	53	37	1113	18.7	21	1113	594	1069.25	9140
	May 2017	650	37	42	1006	16.4	29	1006	570	1064.59	8775
	Jun 2017	800	21	49	900	15.1	29	900	561	1062.67	8627
	Jul 2017	1000	78	62	855	13.9	31	855	569	1064.26	8749
	Aug 2017	1050	124	66	775	12.6	29	775	587	1067.92	9035
	Sep 2017	800	112	55	744	12.5	16	744	593	1069.08	9127
	WY 2017	**9000**	**795**	**518**	**9598**		**224**	**9598**			
	Oct 2017	600	69	41	444	7.2	20	444	603	1071.02	9280
	Nov 2017	600	56	41	585	9.8	11	585	604	1071.24	9299
	Dec 2017	800	54	35	533	8.7	7	533	621	1074.50	9560
	Jan 2018	800	62	29	691	11.2	15	691	629	1075.97	9680
	Feb 2018	650	73	27	662	11.9	17	662	630	1076.15	9695
	Mar 2018	650	55	30	1006	16.4	23	1006	609	1072.05	9363
	Apr 2018	600	53	36	1055	17.7	26	1055	580	1066.53	8926
	May 2018	650	37	41	960	15.6	32	960	559	1062.35	8602
	Jun 2018	800	21	49	918	15.4	32	918	548	1060.16	8435
	Jul 2018	1000	78	61	831	13.5	32	831	558	1062.05	8580
	Aug 2018	1050	124	66	741	12.1	29	741	578	1066.17	8898

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

Model Run ID: 3016

Processed On: 9/9/2016 10:40:02AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 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)
*	Sep 2015	723	-16	18	758	0	758	12.7	639.56	1606
	WY 2015	**9246**	**-142**	**198**	**8945**	**0**	**8945**			
H	Oct 2015	578	-7	15	655	0	655	10.7	635.80	1507
I	Nov 2015	631	-14	10	599	0	599	10.1	636.11	1514
S	Dec 2015	619	-13	9	527	0	527	8.6	638.77	1585
T	Jan 2016	662	-32	10	553	0	553	9.0	641.26	1651
O	Feb 2016	699	-20	10	675	0	675	11.7	641.04	1645
R	Mar 2016	1008	-16	13	921	0	921	15.0	643.17	1703
I	Apr 2016	1055	-18	17	979	0	979	16.4	644.70	1746
C	May 2016	887	-6	22	903	0	903	14.7	643.07	1701
A	Jun 2016	920	-16	26	838	0	838	14.1	644.53	1741
L	Jul 2016	831	-24	26	803	0	803	13.1	643.75	1719
*	Aug 2016	701	-12	23	714	0	714	11.6	642.00	1671
	Sep 2016	710	-9	18	737	0	737	12.4	640.01	1617
	WY 2016	**9300**	**-185**	**198**	**8904**	**0**	**8904**			
	Oct 2016	545	-1	15	661	0	661	10.7	635.00	1486
	Nov 2016	582	-8	10	564	0	564	9.5	635.00	1486
	Dec 2016	576	-12	9	457	0	457	7.4	638.71	1583
	Jan 2017	744	-14	10	637	0	637	10.4	641.80	1666
	Feb 2017	723	-14	10	699	0	699	12.6	641.80	1666
	Mar 2017	1037	-16	13	975	0	975	15.8	643.05	1700
	Apr 2017	1113	-19	17	1079	0	1079	18.1	643.00	1699
	May 2017	1006	-13	22	970	0	970	15.8	643.00	1699
	Jun 2017	900	-16	25	886	0	886	14.9	642.00	1671
	Jul 2017	855	-13	25	830	0	830	13.5	641.50	1658
	Aug 2017	775	-11	23	741	0	741	12.0	641.50	1658
	Sep 2017	744	-9	18	757	0	757	12.7	640.01	1617
	WY 2017	**9598**	**-146**	**197**	**9255**	**0**	**9255**			
	Oct 2017	444	-1	15	612	0	612	9.9	633.00	1434
	Nov 2017	585	-8	10	516	0	516	8.7	635.00	1486
	Dec 2017	533	-12	9	415	0	415	6.7	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	960	-13	22	924	0	924	15.0	643.00	1699
	Jun 2018	918	-16	25	903	0	903	15.2	642.00	1671
	Jul 2018	831	-13	25	806	0	806	13.1	641.50	1658
	Aug 2018	741	-11	23	707	0	707	11.5	641.50	1658

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

Model Run ID: 3016

Processed On: 9/9/2016 10:40:02AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2016 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	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**	
H	Oct 2015	655	34	12	458	7.5	101	115	447.88	578	59	1.0
I	Nov 2015	599	11	9	385	6.5	98	120	447.57	572	93	1.6
S	Dec 2015	527	22	7	321	5.2	101	130	446.92	560	105	1.7
T	Jan 2016	553	26	6	324	5.3	97	156	446.60	554	154	2.5
O	Feb 2016	675	10	8	543	9.4	13	117	446.50	552	180	3.1
R	Mar 2016	921	18	9	695	11.3	89	123	447.40	569	221	3.6
I	Apr 2016	979	18	11	689	11.6	93	169	448.89	597	202	3.4
C	May 2016	903	13	13	636	10.3	97	176	448.08	581	97	1.6
A	Jun 2016	838	18	15	633	10.6	95	89	448.81	596	92	1.5
L	Jul 2016	803	20	17	617	10.0	100	74	449.03	600	102	1.7
*	Aug 2016	714	23	17	570	9.3	85	65	448.50	590	99	1.6
	Sep 2016	737	23	15	522	8.8	89	137	447.80	576	91	1.5
	WY 2016	**8904**	**236**	**140**	**6392**		**1058**	**1470**			**1496**	
	Oct 2016	661	27	12	468	7.6	77	130	447.50	571	61	1.0
	Nov 2016	564	22	9	364	6.1	68	138	447.50	570	97	1.6
	Dec 2016	457	19	7	276	4.5	70	138	446.50	552	106	1.7
	Jan 2017	637	13	6	388	6.3	97	154	446.50	552	154	2.5
	Feb 2017	699	12	8	485	8.7	67	143	446.50	552	180	3.2
	Mar 2017	975	4	9	724	11.8	85	150	446.70	555	206	3.4
	Apr 2017	1079	19	11	761	12.8	95	182	448.70	593	192	3.2
	May 2017	970	16	13	675	11.0	97	189	448.70	593	97	1.6
	Jun 2017	886	14	16	688	11.6	95	87	448.70	593	98	1.6
	Jul 2017	830	29	17	655	10.7	97	90	448.00	580	99	1.6
	Aug 2017	741	26	17	558	9.1	97	91	447.50	571	99	1.6
	Sep 2017	757	23	15	507	8.5	95	153	447.50	570	89	1.5
	WY 2017	**9255**	**224**	**139**	**6549**		**1041**	**1644**			**1477**	
	Oct 2017	612	27	12	466	7.6	46	108	447.50	571	68	1.1
	Nov 2017	516	22	9	370	6.2	46	108	447.50	571	103	1.7
	Dec 2017	415	19	7	288	4.7	46	108	446.50	552	115	1.9
	Jan 2018	584	13	6	380	6.2	100	106	446.50	552	150	2.4
	Feb 2018	639	12	8	478	8.6	57	99	446.50	552	175	3.1
	Mar 2018	943	4	9	720	11.7	83	124	446.70	555	199	3.2
	Apr 2018	1021	19	11	759	12.8	97	124	448.70	593	185	3.1
	May 2018	924	16	13	678	11.0	100	137	448.70	593	93	1.5
	Jun 2018	903	14	16	691	11.6	97	99	448.70	593	94	1.6
	Jul 2018	806	29	17	656	10.7	100	62	448.00	580	95	1.5
	Aug 2018	707	26	17	556	9.0	100	56	447.50	571	96	1.6

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

Model Run ID: 3016

Processed On: 9/9/2016 10:40:02AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 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
*	Sep 2015	723	12.1	1078.10	9854	-17	435.36	1563.0	275.2	100	380.7
	WY 2015	**9246**							**3596.9**		
H	Oct 2015	578	9.4	1078.99	9927	73	435.13	1088.0	221.8	70	383.6
I	Nov 2015	631	10.6	1078.23	9865	-63	433.49	1088.0	244.8	70	387.9
S	Dec 2015	619	10.1	1080.91	10087	222	434.77	1069.0	241.9	68	390.9
T	Jan 2016	662	10.8	1083.68	10318	232	438.04	775.0	258.5	49	390.7
O	Feb 2016	699	12.2	1084.17	10360	41	437.39	880.0	277.0	55	396.1
R	Mar 2016	1008	16.4	1080.45	10048	-311	434.20	973.0	402.7	61	399.7
I	Apr 2016	1055	17.7	1076.13	9693	-355	429.37	1244.0	413.9	80	392.2
C	May 2016	887	14.4	1073.80	9504	-189	426.83	1164.0	343.6	74	387.5
A	Jun 2016	920	15.5	1071.64	9330	-174	425.27	1528.0	349.7	100	380.2
L	Jul 2016	831	13.5	1072.75	9419	89	427.46	1528.0	311.5	100	374.8
*	Aug 2016	701	11.4	1075.17	9615	196	431.00	1549.0	265.2	100	378.4
	Sep 2016	710	11.9	1075.47	9639	24	423.18	1539.0	268.4	100	378.3
	WY 2016	**9300**							**3599.0**		
	Oct 2016	545	8.9	1076.17	9696	57	429.84	990.0	207.7	64	380.9
	Nov 2016	582	9.8	1076.41	9716	20	431.33	1078.0	224.5	69	386.1
	Dec 2016	576	9.4	1079.10	9937	221	429.62	1374.0	218.5	88	379.6
	Jan 2017	744	12.1	1080.02	10012	76	429.83	1284.0	288.0	82	387.3
	Feb 2017	723	13.0	1079.63	9981	-32	429.54	1216.0	282.7	77	391.3
	Mar 2017	1037	16.9	1075.31	9626	-354	426.48	1242.0	401.4	80	387.0
	Apr 2017	1113	18.7	1069.25	9140	-486	420.87	1225.0	430.9	81	387.0
	May 2017	1006	16.4	1064.59	8775	-365	415.67	1190.0	377.3	80	375.2
	Jun 2017	900	15.1	1062.67	8627	-148	410.64	1477.0	331.9	100	368.7
	Jul 2017	855	13.9	1064.26	8749	122	410.96	1487.0	319.2	100	373.4
	Aug 2017	775	12.6	1067.92	9035	286	413.72	1509.0	288.3	100	372.2
	Sep 2017	744	12.5	1069.08	9127	91	416.59	1517.0	278.5	100	374.5
	WY 2017	**9598**							**3648.9**		
	Oct 2017	444	7.2	1071.02	9280	154	422.94	1138.0	167.1	75	375.9
	Nov 2017	585	9.8	1071.24	9299	18	427.09	1025.0	224.3	67	383.3
	Dec 2017	533	8.7	1074.50	9560	261	426.77	1062.0	200.6	69	376.1
	Jan 2018	691	11.2	1075.97	9680	120	425.54	1260.1	262.4	82	380.0
	Feb 2018	662	11.9	1076.15	9695	15	425.81	1195.7	254.2	77	383.9
	Mar 2018	1006	16.4	1072.05	9363	-332	423.14	1222.4	384.3	80	382.1
	Apr 2018	1055	17.7	1066.53	8926	-436	417.91	1206.8	402.6	81	381.4
	May 2018	960	15.6	1062.35	8602	-324	413.21	1173.9	361.2	80	376.4
	Jun 2018	918	15.4	1060.16	8435	-167	408.28	1454.5	337.1	100	367.3
	Jul 2018	831	13.5	1062.05	8580	144	408.63	1465.2	307.6	100	370.1
	Aug 2018	741	12.1	1066.17	8898	318	411.76	1488.4	273.1	100	368.5

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

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Processed On: 9/9/2016 10:40:02AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 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
*	Sep 2015	758	12.7	639.56	1606	-69	137.76	255.0	95.5	100	126.0
	WY 2015	**8945**							**1122.4**		
H	Oct 2015	655	10.7	635.80	1507	-99	136.05	211.7	81.6	83	124.5
I	Nov 2015	599	10.1	636.11	1514	8	136.53	165.8	72.5	65	121.0
S	Dec 2015	527	8.6	638.77	1585	70	135.98	155.6	65.1	61	123.6
T	Jan 2016	553	9.0	641.26	1651	67	141.86	163.2	71.9	64	129.9
O	Feb 2016	675	11.7	641.04	1645	-6		178.5	86.3	70	127.8
R	Mar 2016	921	15.0	643.17	1703	58	139.07	214.2	117.9	84	128.0
I	Apr 2016	979	16.4	644.70	1746	42	143.66	255.0	125.4	100	128.2
C	May 2016	903	14.7	643.07	1701	-45	141.63	252.5	115.5	99	127.8
A	Jun 2016	838	14.1	644.53	1741	40	143.17	255.0	107.4	100	128.1
L	Jul 2016	803	13.1	643.75	1719	-22	144.39	252.5	103.3	99	128.6
*	Aug 2016	714	11.6	642.00	1671	-48	142.46	255.0	91.6	100	128.4
	Sep 2016	737	12.4	640.01	1617	-54	133.95	255.0	91.6	100	124.3
	WY 2016	**8904**							**1130.0**		
	Oct 2016	661	10.7	635.00	1486	-132	132.15	191.3	80.5	75	121.8
	Nov 2016	564	9.5	635.00	1486	0	130.21	170.9	67.6	67	120.0
	Dec 2016	457	7.4	638.71	1583	97	132.23	168.3	56.0	66	122.4
	Jan 2017	637	10.4	641.80	1666	83	134.39	211.7	79.2	83	124.4
	Feb 2017	699	12.6	641.80	1666	0	136.69	188.7	87.4	74	125.0
	Mar 2017	975	15.8	643.05	1700	34	137.24	191.3	121.3	75	124.5
	Apr 2017	1079	18.1	643.00	1699	-2	136.07	255.0	134.2	100	124.4
	May 2017	970	15.8	643.00	1699	0	136.04	255.0	121.3	100	125.0
	Jun 2017	886	14.9	642.00	1671	-27	135.51	255.0	110.6	100	124.9
	Jul 2017	830	13.5	641.50	1658	-14	134.73	255.0	103.4	100	124.6
	Aug 2017	741	12.0	641.50	1658	0	134.46	255.0	92.5	100	124.9
	Sep 2017	757	12.7	640.01	1617	-40	133.68	255.0	93.9	100	124.0
	WY 2017	**9255**							**1147.9**		
	Oct 2017	612	9.9	633.00	1434	-183	130.77	201.5	74.1	79	121.2
	Nov 2017	516	8.7	635.00	1486	51	129.16	170.9	61.6	67	119.4
	Dec 2017	415	6.7	638.71	1583	97	132.23	168.3	50.9	66	122.7
	Jan 2018	584	9.5	641.80	1666	83	134.39	211.7	72.8	83	124.7
	Feb 2018	639	11.5	641.80	1666	0	136.69	188.7	80.1	74	125.4
	Mar 2018	943	15.3	643.05	1700	34	137.24	191.3	117.5	75	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	115.8	100	125.3
	Jun 2018	903	15.2	642.00	1671	-27	135.51	255.0	112.7	100	124.8
	Jul 2018	806	13.1	641.50	1658	-14	134.73	255.0	100.6	100	124.8
	Aug 2018	707	11.5	641.50	1658	0	134.46	255.0	88.5	100	125.1

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

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Processed On: 9/9/2016 10:40:02AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 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
*	Sep 2015	487	8.2	448.04	581	-5	82.23	120.0	34.6	100	71.1
	WY 2015	**6135**							**430.7**		
H	Oct 2015	458	7.5	447.88	578	-3	81.97	91.2	32.3	76	70.6
I	Nov 2015	385	6.5	447.57	572	-6	83.21	96.0	27.1	80	70.3
S	Dec 2015	321	5.2	446.92	560	-12	82.51	120.0	21.9	100	68.4
T	Jan 2016	324	5.3	446.60	554	-6	80.76	94.8	22.3	79	68.8
O	Feb 2016	528	9.4	446.50	552	-2	78.54	87.6	38.1	73	72.2
R	Mar 2016	695	11.3	447.40	569	17	81.63	104.4	48.9	87	70.3
I	Apr 2016	689	11.6	448.89	597	28	83.09	120.0	48.4	100	70.3
C	May 2016	636	10.3	448.08	581	-15	82.13	120.0	45.1	100	70.9
A	Jun 2016	633	10.6	448.81	596	14	83.02	120.0	44.8	100	70.8
L	Jul 2016	617	10.0	449.03	600	4	83.16	120.0	43.7	100	70.9
*	Aug 2016	570	9.3	448.50	590	-10	82.60	120.0	40.2	100	70.7
	Sep 2016	522	8.8	447.80	576	-13	75.52	120.0	34.2	100	65.5
	WY 2016	**6377**							**447.0**		
	Oct 2016	468	7.6	447.50	571	-6	75.89	100.8	30.7	84	65.5
	Nov 2016	364	6.1	447.50	570	0	75.92	97.2	23.6	81	64.8
	Dec 2016	276	4.5	446.50	552	-19	74.40	120.0	17.2	100	62.5
	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	570	0	74.89	120.0	32.9	100	65.0
	WY 2017	**6549**							**428.6**		
	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	380	6.2	446.50	552	0	74.89	98.4	24.4	82	64.2
	Feb 2018	478	8.6	446.50	552	0	75.07	94.8	31.2	79	65.4
	Mar 2018	720	11.7	446.70	555	4	74.01	120.0	46.8	100	65.0
	Apr 2018	759	12.8	448.70	593	38	75.08	120.0	50.1	100	65.9
	May 2018	678	11.0	448.70	593	0	76.05	120.0	45.0	100	66.4
	Jun 2018	691	11.6	448.70	593	0	76.05	120.0	45.9	100	66.5
	Jul 2018	656	10.7	448.00	580	-13	75.71	120.0	43.3	100	66.1
	Aug 2018	556	9.0	447.50	571	-9	75.13	120.0	36.3	100	65.3

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Model Run ID: 3016

Processed On: 9/9/2016 10:40:02AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 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
*	Sep 2015	317	40	28	37	18	0
	Summer 2015	**2049**	**256**	**173**	**241**	**111**	**39**
H	Oct 2015	264	52	26	32	0	4
I	Nov 2015	256	52	13	15	0	4
S	Dec 2015	378	53	18	16	7	4
T	Jan 2016	373	52	17	22	13	3
O	Feb 2016	302	45	16	21	12	4
R	Mar 2016	298	20	10	11	7	4
	Winter 2016	**1871**	**274**	**100**	**118**	**38**	**23**
I	Apr 2016	288	19	18	25	16	4
C	May 2016	305	20	38	61	21	7
A	Jun 2016	360	105	14	18	15	9
L	Jul 2016	435	46	34	40	22	6
*	Aug 2016	408	44	33	39	22	6
	Sep 2016	282	39	29	36	18	5
	Summer 2016	**2077**	**272**	**166**	**218**	**113**	**36**
	Oct 2016	241	31	20	24	13	5
	Nov 2016	241	35	10	13	7	4
	Dec 2016	319	37	23	29	15	4
	Jan 2017	317	37	13	17	9	4
	Feb 2017	256	33	8	11	6	3
	Mar 2017	254	18	10	14	8	4
	Winter 2017	**1629**	**191**	**84**	**107**	**56**	**25**
	Apr 2017	235	17	15	21	12	5
	May 2017	258	41	47	67	23	6
	Jun 2017	325	54	20	29	18	8
	Jul 2017	412	33	26	31	16	10
	Aug 2017	429	33	30	35	17	8
	Sep 2017	323	32	31	37	19	7
	Summer 2017	**1981**	**208**	**169**	**220**	**106**	**43**
	Oct 2017	241	33	22	27	14	6
	Nov 2017	241	31	11	14	7	6
	Dec 2017	319	33	20	25	13	6
	Jan 2018	317	32	15	19	10	5
	Feb 2018	256	29	9	12	6	4
	Mar 2018	255	32	11	15	8	5
	Winter 2018	**1119**	**129**	**68**	**86**	**45**	**23**
	Apr 2018	236	31	16	24	14	6
	May 2018	260	58	51	71	23	7
	Jun 2018	329	49	20	31	21	9
	Jul 2018	417	36	25	31	17	10
	Aug 2018	436	36	34	40	21	10

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Processed On: 9/9/2016 10:40:02AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 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****							****CREDITABLE SPACE****										
Sep 2016	576	110	359	11231	12276	17762	30038	576	110	359	1045	11231	17762	30038	2270	710	0	30.3
Oct 2016	657	165	381	11493	12695	17738	30434	657	165	381	1202	11493	17738	30434	3040	545	0	30.0
Nov 2016	699	195	390	11592	12876	17681	30557	699	195	390	1284	11592	17681	30557	3810	582	0	29.8
Dec 2016	739	200	391	11755	13086	17661	30747	739	200	391	1331	11755	17661	30747	4580	576	0	29.7
Jan 2017	802	251	396	12110	13558	17440	30998	802	251	396	1449	12110	17440	30998	5350	744	0	29.4
								****EFFECTIVE SPACE****										
Jan 2017	802	251	396	12110	13558	17440	30998	363	202	157	721	12110	17440	30271	5350	744	0	29.4
Feb 2017	859	271	404	12486	14020	17365	31384	419	223	164	806	12486	17365	30656	1500	723	0	29.0
Mar 2017	907	278	405	12722	14312	17396	31709	466	232	164	861	12722	17396	30980	1500	1037	0	28.6
Apr 2017	870	280	374	12897	14422	17751	32173	423	236	127	786	12897	17751	31433	1500	1113	0	28.3
May 2017	801	269	322	12854	14246	18237	32483	346	223	52	621	12854	18237	31711	1500	1006	0	29.3
Jun 2017	744	253	263	11690	12951	18602	31553	279	194	-45	428	11690	18602	30720	1500	900	0	30.7
Jul 2017	593	94	392	10292	11371	18750	30121	116	10	29	154	10292	18750	29197	1500	855	0	30.6
								****CREDITABLE SPACE****										
Aug 2017	495	79	422	10592	11589	18628	30217	495	79	422	997	10592	18628	30217	1500	775	0	30.2
Sep 2017	523	115	455	11127	12220	18342	30561	523	115	455	1093	11127	18342	30561	2270	744	0	29.8
Oct 2017	571	169	463	11489	12692	18250	30943	571	169	463	1204	11489	18250	30943	3040	444	0	29.6
Nov 2017	613	204	455	11597	12868	18097	30965	613	204	455	1272	11597	18097	30965	3810	585	0	29.4
Dec 2017	653	209	454	11738	13054	18078	31132	653	209	454	1316	11738	18078	31132	4580	533	0	29.3
Jan 2018	709	250	457	12079	13496	17817	31313	709	250	457	1417	12079	17817	31313	5350	691	0	29.1
								****EFFECTIVE SPACE****										
Jan 2018	709	250	457	12079	13496	17817	31313	429	250	200	880	12079	17817	30776	5350	691	0	29.1
Feb 2018	760	275	463	12423	13920	17697	31617	478	275	205	958	12423	17697	31078	1500	662	0	28.9
Mar 2018	798	281	457	12636	14172	17682	31854	514	281	199	994	12636	17682	31312	1500	1006	0	28.6
Apr 2018	789	282	403	12703	14177	18014	32192	501	282	138	921	12703	18014	31638	1500	1055	0	28.6
May 2018	749	263	314	12471	13798	18451	32248	454	263	26	743	12471	18451	31665	1500	960	0	29.8
Jun 2018	673	223	276	11102	12274	18775	31049	368	223	-51	540	11102	18775	30417	1500	918	0	31.3
Jul 2018	434	49	414	9714	10610	18942	29552	112	37	31	180	9714	18942	28835	1500	831	0	31.4
								****CREDITABLE SPACE****										
Aug 2018	341	12	443	9789	10584	18797	29381	341	12	443	795	9789	18797	29381	1500	741	0	31.1

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