March 24-Month Study
Date: March 11, 2016

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

Current Reservoir Status

Reservoir	February Inflow (unregulated) (acre-feet)	Percent of Average (%)	March 10, Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	34,000	123	6475.88	145,000
Flaming Gorge	63,000	142	6024.55	3,144,000
Blue Mesa	26,000	116	7486.93	558,000
Navajo	41,000	136	6065.30	1,417,000
Powell	396,000	101	3593.87	11,174,000

Expected Operations

The operation of Lake Powell and Lake Mead in this March 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, Lake Powell's operations in water year 2016 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 2016. This March 2016 24-Month Study indicates that, consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is projected to occur and Lake Powell is projected to release 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 6475 feet, which amounts to 42 percent of live storage capacity. Inflows for the month of February totaled 34,000 AF, or 123 percent of average. Recent daily inflow averages are fairly steady around 800 cfs.

The Colorado Basin River Forecast Center has forecasted spring inflows that are slightly below average. March, April and May forecasted inflow volumes amount to 51,000 AF (97% of average), 65,000 AF (76% of average), and 100,000 AF (61% of average), respectively. It is anticipated that releases will be maintained at a baseflow of 950 cfs until Spring 2016.

The next Fontenelle Working Group meeting is scheduled for 10:00 am, April 20, 2016. The meeting will be held at the Seedskadee Wildlife Refuge 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 steady minimum releases of 800 cfs. The March for unregulated inflow into Flaming Gorge for the April-July period is continuing to decrease and is currently at 67% of average. Dry conditions are forecasted this spring.

It is anticipated that releases will remain at 800 cfs until the beginning of spring runoff sometime in May or June. Base flow releases are subject to observed hydrology and all projections may change.

Unregulated inflow into Flaming Gorge Reservoir during the month of February was 63,000 acre-feet (AF), or 142 percent of average. The reservoir elevation is 6,024 feet and increasing.

Inflows for the next three months are projected to be below average: with March, April and May forecasted inflow volumes at 102,000 AF (100% of average), 105,000 AF (79% of average), and 160,000 AF (65% 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 two Flaming Gorge Working Group meetings this year. The first meeting will be held on March 23, 2016, at 6:00 p.m. in Green River, Utah at the Green River High School.

Reclamation will be holding the second Flaming Gorge Working Group meeting on Tuesday, April 19, 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 – February unregulated inflow into Blue Mesa Reservoir was 26,000 acre-feet or 118 percent of average. Hydrologic and snowpack conditions in the Gunnison River Basin (basin) declined during the month of February and are 94% of the seasonal median (historic middle value of 30 years of record during the period from 1981 through 2010) for March 11, 2016. Precipitation during February in the basin was well below average at about 46 percent of average, while January's precipitation was about 106 percent of average. Reservoir inflows this past fall and early winter months have been about average to slightly below average.

The March Water Supply Forecast for Water Year 2016 has been issued and the April through July unregulated inflow to Blue Mesa is forecasted to be at 580,000 acre-feet (86% of average). Based on this forecast, Blue Mesa Reservoir is projected to be nearly full by the end of this 2016 runoff season.

Inflow to Blue Mesa is currently about 600 cfs and the elevation of Blue Mesa 7486.9 feet above sea level (about 2.5 feet higher than one year ago at this time). This elevation corresponds to Blue Mesa storage of about 558,000 acre-feet. Releases from Crystal Dam are currently 600 cfs. Gunnison River flows in the Black Canyon below the Gunnison Tunnel are essentially the same as releases from the Crystal Dam, with the exception of when the tunnel is taking water to refill Fairfield Reservoir for Montrose municipal water needs. Irrigation season is approaching and in late March the Uncompahgre Water Users Association will begin operating the Gunnison Tunnel to divert water from the Gunnison River. When this occurs, Crystal Dam releases will be coordinate with diversions to the Gunnison Tunnel to maintain river flows in the Black Canyon as well as along the Gunnison River below the Black Canyon.

Pursuant to the Aspinall Unit Operations Record of Decision (ROD), the baseflow target in the lower Gunnison River, as measured at the Whitewater gage, is 1,050 cfs. Flows in the lower Gunnison River are currently above the baseflow target of 1,050 cfs.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday April 28th in the Grand Junction, Colorado at the Western Colorado Area Office (445 West Gunnison Avenue - Suite 221). At this meeting, Reclamation will present hydrologic conditions of the Gunnison Basin and the projected 2016 operational plan for the Aspinall Unit during the spring and summer months. These meetings are hosted by Reclamation and are open forum discussions to share information among Reclamation, stakeholders and the public regarding past and future operations of the Aspinall Unit.

Anyone needing further information about these meetings should contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Navajo Reservoir – Navajo is currently releasing 350 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 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.

Navajo was at 6064.4 ft of pool elevation and 1,404,661 acre-ft of storage by the end of February, which was 109% of average for the end of the month. Modified unregulated inflow into Navajo was 41,518 af, which was 137% of average for the month. Calculated evaporation for the month was 861 acre-ft. NIIP diverted a total of 1,457 acre-ft. The release averaged out to 480 cfs throughout the month. Precipitation at the dam totaled 0.33 inches (31% of average).

As of March 3rd, the release at Navajo was 450 cfs, (USGS at Archuleta gage is showing 484 cfs) and the observed inflow is 1,387 cfs. NIIP is diverting 149 cfs. The reservoir elevation is 6064.68 ft and the content is 1,408,495 acre-ft, or 83% full (72% of Active). The San Juan River at Four Corners USGS gage is at 1,180 cfs, and the Animas River at Farmington USGS gage is at 828 cfs (Animas at Farmington is estimated as there is a gage malfunction). Snotel sites above Navajo are showing 15.7 inches of SWE (93% of median on this date).

The most probable modified-unregulated inflow forecast for March at Navajo is 82,000 acre-ft (89% of average), for April is 150,000 acre-ft (88% of average), and for May is 265,000 acre-ft (96% of average). The April-July modified unregulated inflow forecasts are as follows:

Min Probable: 380,000 acre-ft (52% of average, a decrease of 100,000 af from the last forecast). Under this forecast, no spring peak release is expected.

Most Probable: 650,000 acre-ft (88% of average, a decrease of 85,000 af from the last forecast). Under this forecast, a spring peak release of 5,000 cfs for 40 days is expected beginning in early May.

Max Probable: 910,000 acre-ft (123% of average, a decrease of 140,000 af from the last forecast). Under this forecast, a spring peak release of 5,000 cfs for 60 days is expected beginning in late April.

The shape of the spring peak release has been coordinated with the SJRIP and will be an attempt to maximize the number of days at 5,000 cfs by reducing the ramp-up to three days. The ramp down will be 2-weeks to prevent fish stranding. Note that the final shape and volume of these hydrographs are subject to change.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow to Lake Powell in February was 396 kaf (101% of average). The release volume from Glen Canyon Dam in February was 700 kaf. The end of February elevation and storage of Lake Powell were 3,594 feet (106 feet from full pool) and 11.2 maf (46% of full capacity), respectively. The reservoir is declining and will continue to decline until spring runoff begins to enter the reservoir. The current snowpack above Lake Powell is 92% of average.

Current Operations

The operating tier for water year 2016, established in August 2015, is the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April 2016 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 2016. This projection will be updated each month throughout the water year.

In March 2016, the release volume will be approximately 693 thousand acre-feet (kaf), with fluctuations anticipated between approximately 8,000 cfs and 14,000 cfs and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for April is approximately 665 kaf with daily fluctuations between approximately 8,000 cfs and 14,000 cfs. The expected release for May is 700 kaf with daily fluctuations between approximately 8,000 cfs and 14,000 cfs.

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

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 27 MW (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The April to July 2016 water supply forecast for unregulated inflow to Lake Powell, issued on March 2, 2016, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 5.7 maf (80% of average based on the period 1981-2010). The projected water year 2016 inflow is 9.0 maf (83%). The forecast decreased by 1.0 maf since last month due to February hydrology being abnormally dry. At this early point in the season, there is still significant uncertainty regarding this year's water supply. The April-July forecast ranges from a minimum probable of 3.8 maf (53%) to a maximum probable of 8.0 maf (112%). There is a 10% chance that inflows could be higher than the current maximum probable forecast and a 10% chance that inflows could be lower than the minimum probable forecast.
Based on the current forecast, the March 24-Month Study projects Lake Powell elevation will end water year 2016 near 3,607 feet with approximately 12.0 maf in storage (51% capacity). Note that projections of elevation and storage for water year 2016 have significant uncertainty at this point in the season. Projections of elevation and storage using the minimum and maximum probable inflow forecast, updated in January, are 3,587 feet (10.5 maf, 43% capacity) and 3,642 feet (16.3 maf, 67% 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, potentially in lower elevation and storage. The annual release volume from Lake Powell during water year 2016 is projected to be 9.0 maf under the minimum, most, and maximum probable inflow scenarios. There is a chance that inflows could be higher or lower, potentially resulting in releases greater than 9.0 maf or as low as 8.23 maf in water year 2016. The minimum and maximum probable scenarios will be updated again in April.

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% of average) in water year 2002 to a high of 15.97 maf (147% of average) in water year 2011. The water year 2015 unregulated inflow volume to Lake Powell was 10.17 maf (94% of average), which, though still below average, was significantly higher than inflows observed in 2012 and 2013 (45% and 47% of average, respectively). Under the current most probable forecast, the total water year 2016 unregulated inflow to Lake Powell is projected to be 9.02 maf (92% of average).

At the beginning of water year 2016, total system storage in the Colorado River Basin was 30.0 maf (50% of 59.6 maf total system capacity). This is nearly the same as the

total storage at the beginning of water years 2014 and 2015 which began at 29.9 maf and 30.0 maf, respectively, both of which were 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 2005. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2016 is approximately 29.4 maf (49% of total system capacity). The actual end of water year 2016 system storage may vary from this projection, primarily due to uncertainty regarding the season's snowpack and resulting runoff and reservoir inflow. Based on the January minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2016 total system capacity is approximately 27.4 maf (46%) to 34.1 maf (57%), respectively. The minimum and maximum probable scenarios will be updated again in April.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
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SALT LAKE CITY, UT 84138-5571
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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			feb	Forecast		Outlook		
:	nov	dec	jan	feb %Avg	mar	apr	may	apr-jul	%Avg
GLDA3:Lake Powell	421	266	300	396 101%:	700/	850/	1900/	5700/:	80%
GBRW4:Fontenelle	40	36	32	34 123%:	51/	65/	100/	515/:	71%
GRNU1:Flaming Gorge	38	38	44	63 142%:	102/	105/	160/	660/:	67%
BMDC2:Blue Mesa	30	27	27	26 116%:	36/	70/	180/	580/:	86%
MPSC2:Morrow Point	31	28	27	27 108%:	39/	80/	200/	630/:	85%
CLSC2:Crystal	34	32	31	30 104%:	45/	90/	225/	710/:	85%
TPIC2:Taylor Park	5.2	5.1	5.6	4.1 108%:	4/	8/	23/	85/:	86%
VCRC2:Vallecito	10.7	6.9	6.4	7.1 150%:	10/	23/	77/	190/:	98%
NVRN5:Navajo	35	22	22	41 136%:	82/	150/	265/	650/:	88%
LEMC2:Lemon	1.78	1.15	0.97	1.10 144%:	2/	5/	22/	50/:	91%
MPHC2:McPhee	4.5	3.9	4.6	6.4 128%:	22/	69/	140/	295/:	100%
RBSC2:Ridgway	5.7	4.6	4.0	4.6 128%:	7/	10/	26/	97/:	96%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 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)
*	Mar 2015	70	1	78	0	78	6486.00	201
H	Apr 2015	87	1	102	0	103	6483.35	185
I	May 2015	223	2	104	4	108	6499.95	298
S	Jun 2015	332	3	101	229	330	6499.84	297
T	Jul 2015	126	3	91	17	108	6501.77	312
O	Aug 2015	53	2	83	1	84	6497.37	279
R	Sep 2015	37	2	0	61	61	6493.88	254
	WY 2015	**1210**	**16**	**930**	**324**	**1254**		
I	Oct 2015	46	1	46	15	61	6491.60	238
C	Nov 2015	40	1	56	1	57	6489.03	221
A	Dec 2015	36	1	58	0	58	6485.40	197
L	Jan 2016	32	1	49	10	58	6480.71	170
*	Feb 2016	34	0	55	0	55	6476.59	149
	Mar 2016	51	0	60	0	60	6474.56	140
	Apr 2016	65	1	57	0	57	6476.19	147
	May 2016	100	1	68	0	68	6482.05	178
	Jun 2016	230	2	89	0	89	6502.34	317
	Jul 2016	120	3	92	0	92	6505.52	342
	Aug 2016	52	2	82	0	82	6501.38	309
	Sep 2016	36	2	67	0	67	6496.97	277
	WY 2016	**842**	**15**	**778**	**26**	**805**		
	Oct 2016	42	1	65	0	65	6493.46	252
	Nov 2016	39	1	63	0	63	6489.68	227
	Dec 2016	32	1	65	0	65	6484.44	192
	Jan 2017	30	1	65	0	65	6478.07	157
	Feb 2017	28	0	59	0	59	6471.30	125
	Mar 2017	53	0	65	0	65	6468.15	111
	Apr 2017	85	1	64	0	64	6472.93	132
	May 2017	164	1	99	24	123	6480.84	172
	Jun 2017	299	2	103	64	167	6500.40	302
	Jul 2017	178	3	101	35	135	6505.47	341
	Aug 2017	77	2	100	4	105	6501.61	311
	Sep 2017	46	2	74	0	74	6497.64	281
	WY 2017	**1072**	**15**	**925**	**127**	**1052**		
	Oct 2017	49	1	68	0	68	6494.84	261
	Nov 2017	42	1	65	0	65	6491.38	237
	Dec 2017	32	1	68	0	68	6485.80	201
	Jan 2018	30	1	68	0	68	6479.30	163
	Feb 2018	28	0	61	0	61	6472.29	129

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

Model Run ID: 3005

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 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)
*	Mar 2015	77	85	3	124	0	124	127	6025.15	3166	219
H	Apr 2015	112	127	5	73	0	73	129	6026.41	3213	252
I	May 2015	333	218	8	169	57	226	129	6026.01	3198	652
S	Jun 2015	434	432	11	100	0	100	141	6034.01	3506	485
T	Jul 2015	157	140	14	104	0	104	142	6034.55	3528	195
O	Aug 2015	56	87	13	104	0	104	141	6033.81	3498	130
R	Sep 2015	39	62	11	100	1	101	139	6032.59	3450	127
	WY 2015	**1562**	**1606**	**82**	**1293**	**58**	**1352**				**2856**
I	Oct 2015	48	63	7	131	0	131	136	6030.73	3377	162
C	Nov 2015	38	55	4	131	0	131	133	6028.73	3300	176
A	Dec 2015	38	61	2	137	0	137	130	6026.75	3225	175
L	Jan 2016	44	71	2	134	0	134	127	6025.07	3163	211
*	Feb 2016	63	84	2	118	0	118	126	6024.11	3127	165
	Mar 2016	102	111	3	50	0	50	128	6025.63	3184	132
	Apr 2016	105	97	5	48	0	48	130	6026.77	3226	238
	May 2016	160	128	8	95	0	95	131	6027.40	3250	495
	Jun 2016	265	124	10	164	0	164	129	6026.12	3202	539
	Jul 2016	130	102	13	80	0	80	129	6026.35	3210	145
	Aug 2016	65	95	12	80	0	80	129	6026.42	3213	97
	Sep 2016	43	74	11	77	0	77	129	6026.06	3199	88
	WY 2016	**1101**	**1064**	**79**	**1245**	**0**	**1245**				**2622**
	Oct 2016	50	74	7	80	0	80	128	6025.73	3187	103
	Nov 2016	47	72	3	77	0	77	128	6025.49	3178	105
	Dec 2016	35	68	2	80	0	80	127	6025.15	3166	105
	Jan 2017	40	76	2	80	0	80	127	6024.99	3160	105
	Feb 2017	45	76	2	72	0	72	127	6025.03	3161	100
	Mar 2017	102	115	3	80	0	80	128	6025.87	3192	157
	Apr 2017	134	112	5	77	0	77	130	6026.64	3221	293
	May 2017	245	204	8	126	0	126	132	6028.43	3289	658
	Jun 2017	390	257	10	202	0	202	134	6029.55	3332	623
	Jul 2017	210	168	14	108	0	108	136	6030.71	3376	208
	Aug 2017	89	117	13	108	0	108	136	6030.61	3373	133
	Sep 2017	55	83	11	104	0	104	134	6029.81	3342	123
	WY 2017	**1442**	**1422**	**80**	**1195**	**0**	**1195**				**2712**
	Oct 2017	59	78	7	108	0	108	133	6028.88	3306	140
	Nov 2017	51	74	3	104	0	104	132	6028.05	3274	136
	Dec 2017	35	71	2	108	0	108	130	6027.06	3237	133
	Jan 2018	40	78	2	108	0	108	129	6026.25	3206	133
	Feb 2018	45	78	2	97	0	97	128	6025.69	3186	125

* 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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March 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)
*	Mar 2015	7	6	9315.31	79
H	Apr 2015	9	6	9317.32	82
I	May 2015	19	10	9321.95	91
S	Jun 2015	62	50	9328.14	102
T	Jul 2015	21	28	9324.75	96
O	Aug 2015	9	22	9317.56	83
R	Sep 2015	7	18	9311.10	72
	WY 2015	**166**	**171**		
I	Oct 2015	7	8	9310.71	71
C	Nov 2015	5	6	9310.40	71
A	Dec 2015	5	6	9309.95	70
L	Jan 2016	6	6	9309.87	70
*	Feb 2016	4	5	9309.07	68
	Mar 2016	4	6	9307.78	66
	Apr 2016	8	6	9309.07	68
	May 2016	23	10	9316.91	81
	Jun 2016	38	19	9327.11	100
	Jul 2016	16	20	9325.06	96
	Aug 2016	8	20	9318.61	84
	Sep 2016	7	16	9313.40	75
	WY 2016	**131**	**127**		
	Oct 2016	6	12	9309.98	70
	Nov 2016	5	6	9309.36	69
	Dec 2016	5	6	9308.52	68
	Jan 2017	4	6	9307.45	66
	Feb 2017	4	6	9306.00	64
	Mar 2017	4	6	9304.95	62
	Apr 2017	9	6	9306.79	65
	May 2017	28	12	9316.78	81
	Jun 2017	42	22	9327.36	101
	Jul 2017	20	22	9326.41	99
	Aug 2017	10	20	9321.32	89
	Sep 2017	7	16	9316.51	81
	WY 2017	**145**	**140**		
	Oct 2017	7	12	9313.37	75
	Nov 2017	5	6	9312.84	74
	Dec 2017	5	6	9312.03	73
	Jan 2018	4	6	9311.02	72
	Feb 2018	4	6	9309.64	69

* 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)
*	Mar 2015	54	53	0	26	0	26	7488.96	573
H	Apr 2015	73	70	1	45	0	45	7492.04	597
I	May 2015	136	128	1	71	0	71	7498.96	653
S	Jun 2015	368	356	1	125	62	192	7517.76	815
T	Jul 2015	131	137	2	135	10	145	7516.74	806
O	Aug 2015	59	73	1	105	0	105	7512.97	772
R	Sep 2015	39	50	1	95	0	95	7507.65	726
	WY 2015	**1042**	**1047**	**9**	**835**	**72**	**912**		
I	Oct 2015	33	34	1	87	0	87	7501.39	673
C	Nov 2015	30	31	0	45	0	45	7499.64	658
A	Dec 2015	27	28	0	62	0	62	7495.46	624
L	Jan 2016	27	27	0	61	0	61	7491.12	590
*	Feb 2016	26	27	0	59	0	58	7487.04	559
	Mar 2016	36	38	0	33	0	33	7487.64	563
	Apr 2016	70	68	1	45	0	45	7490.52	585
	May 2016	180	167	1	204	26	230	7482.09	521
	Jun 2016	240	221	1	74	0	74	7500.69	667
	Jul 2016	90	94	1	95	0	95	7500.40	665
	Aug 2016	47	59	1	105	0	105	7494.59	618
	Sep 2016	37	46	1	94	0	94	7488.35	569
	WY 2016	**844**	**840**	**8**	**963**	**26**	**989**		
	Oct 2016	38	43	0	53	0	53	7487.00	558
	Nov 2016	31	32	0	23	0	23	7488.12	567
	Dec 2016	26	27	0	43	0	43	7486.00	551
	Jan 2017	24	26	0	75	0	75	7479.37	501
	Feb 2017	22	25	0	46	0	46	7476.35	480
	Mar 2017	36	38	0	32	0	32	7477.08	485
	Apr 2017	77	74	1	42	0	42	7481.45	517
	May 2017	221	205	1	141	0	141	7489.75	579
	Jun 2017	261	241	1	60	0	60	7511.59	760
	Jul 2017	117	119	2	107	0	107	7512.75	770
	Aug 2017	63	73	1	107	0	107	7508.73	735
	Sep 2017	38	47	1	105	0	105	7501.72	676
	WY 2017	**954**	**949**	**8**	**834**	**0**	**834**		
	Oct 2017	38	44	1	58	0	58	7499.91	661
	Nov 2017	31	32	0	29	0	29	7500.25	663
	Dec 2017	26	27	0	111	0	111	7489.67	579
	Jan 2018	24	26	0	75	0	75	7483.20	530
	Feb 2018	22	25	0	46	0	46	7480.27	508

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

Model Run ID: 3005

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 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)
*	Mar 2015	56	26	3	29	28	0	28	7151.69	110
H	Apr 2015	79	45	6	50	51	0	51	7150.61	110
I	May 2015	151	71	15	86	84	0	84	7153.24	112
S	Jun 2015	388	192	20	212	188	0	211	7154.42	113
T	Jul 2015	135	145	3	148	148	0	148	7154.93	113
O	Aug 2015	60	105	0	105	106	0	106	7153.74	112
R	Sep 2015	39	95	0	95	103	0	103	7143.98	104
	WY 2015	**1095**	**912**	**53**	**965**	**926**	**0**	**972**		
I	Oct 2015	34	87	0	87	93	0	93	7135.56	98
C	Nov 2015	31	45	1	46	47	0	47	7133.97	97
A	Dec 2015	28	62	1	62	46	0	47	7154.01	112
L	Jan 2016	27	61	1	62	64	0	64	7150.69	110
*	Feb 2016	27	58	1	60	61	0	61	7148.82	108
	Mar 2016	39	33	3	36	32	0	32	7153.73	112
	Apr 2016	80	45	10	55	55	0	55	7153.73	112
	May 2016	200	230	20	250	250	0	250	7153.73	112
	Jun 2016	255	74	15	89	89	0	89	7153.73	112
	Jul 2016	95	95	5	100	100	0	100	7153.73	112
	Aug 2016	51	105	4	109	109	0	109	7153.73	112
	Sep 2016	40	94	3	97	97	0	97	7153.73	112
	WY 2016	**907**	**989**	**64**	**1052**	**1044**	**0**	**1045**		
	Oct 2016	40	53	3	56	56	0	56	7153.73	112
	Nov 2016	33	23	2	25	25	0	25	7153.73	112
	Dec 2016	28	43	2	45	45	0	45	7153.73	112
	Jan 2017	27	75	2	77	77	0	77	7153.73	112
	Feb 2017	25	46	3	49	49	0	49	7153.73	112
	Mar 2017	40	32	4	36	36	0	36	7153.73	112
	Apr 2017	88	42	11	53	53	0	53	7153.73	112
	May 2017	247	141	26	167	167	0	167	7153.73	112
	Jun 2017	281	60	20	80	80	0	80	7153.73	112
	Jul 2017	123	107	6	113	113	0	113	7153.73	112
	Aug 2017	67	107	3	110	110	0	110	7153.73	112
	Sep 2017	41	105	3	108	108	0	108	7153.73	112
	WY 2017	**1040**	**834**	**85**	**919**	**919**	**0**	**919**		
	Oct 2017	41	58	3	61	61	0	61	7153.73	112
	Nov 2017	33	29	2	31	31	0	31	7153.73	112
	Dec 2017	28	111	2	113	113	0	113	7153.73	112
	Jan 2018	27	75	2	77	77	0	77	7153.73	112
	Feb 2018	25	46	3	49	49	0	49	7153.73	112

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 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)
*	Mar 2015	63	28	6	35	35	0	35	6752.00	17	1	34
H	Apr 2015	85	51	7	58	58	0	58	6751.65	17	37	21
I	May 2015	164	84	13	97	90	6	96	6752.09	17	62	36
S	Jun 2015	429	211	41	253	110	78	252	6755.80	18	55	209
T	Jul 2015	143	148	9	156	114	44	158	6751.21	16	65	96
O	Aug 2015	63	106	4	110	110	0	111	6749.17	16	65	47
R	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**
I	Oct 2015	37	93	3	96	0	94	94	6750.81	16	51	44
C	Nov 2015	34	47	3	50	0	50	50	6750.12	16	0	51
A	Dec 2015	32	47	4	51	40	12	52	6747.07	15	1	53
L	Jan 2016	31	64	4	68	67	0	68	6748.20	16	1	69
*	Feb 2016	30	61	3	64	63	0	63	6752.48	17	0	65
	Mar 2016	45	32	6	38	38	0	38	6753.04	17	5	33
	Apr 2016	90	55	10	65	65	0	65	6753.04	17	30	35
	May 2016	225	250	25	275	134	141	275	6753.04	17	55	220
	Jun 2016	290	89	35	124	124	0	124	6753.04	17	60	64
	Jul 2016	105	100	10	110	110	0	110	6753.04	17	65	45
	Aug 2016	56	109	5	114	114	0	114	6753.04	17	65	49
	Sep 2016	46	97	6	103	103	0	103	6753.04	17	55	48
	WY 2016	**1021**	**1045**	**113**	**1158**	**859**	**297**	**1156**			**389**	**777**
	Oct 2016	46	56	6	62	62	0	62	6753.04	17	30	32
	Nov 2016	38	25	5	30	30	0	30	6753.04	17	0	30
	Dec 2016	32	45	5	50	50	0	50	6753.04	17	0	50
	Jan 2017	31	77	5	82	82	0	82	6753.04	17	0	82
	Feb 2017	29	49	4	52	52	0	52	6753.04	17	0	52
	Mar 2017	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2017	101	53	12	66	66	0	66	6753.04	17	30	36
	May 2017	281	167	34	201	134	67	201	6753.04	17	55	146
	Jun 2017	315	80	34	113	113	0	113	6753.04	17	60	53
	Jul 2017	138	113	14	128	128	0	128	6753.04	17	65	63
	Aug 2017	75	110	8	119	119	0	119	6753.04	17	65	54
	Sep 2017	47	108	6	114	114	0	114	6753.04	17	55	59
	WY 2017	**1179**	**919**	**140**	**1059**	**992**	**67**	**1059**			**365**	**694**
	Oct 2017	47	61	6	67	67	0	67	6753.04	17	30	37
	Nov 2017	38	31	5	36	36	0	36	6753.04	17	0	36
	Dec 2017	32	113	5	118	118	0	118	6753.04	17	0	118
	Jan 2018	31	77	5	82	82	0	82	6753.04	17	0	82
	Feb 2018	29	49	4	52	52	0	52	6753.04	17	0	52

* 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

March 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)
*	Mar 2015	13	12	7655.67	101
H	Apr 2015	19	11	7658.49	108
I	May 2015	43	31	7662.94	120
S	Jun 2015	106	103	7664.05	123
T	Jul 2015	37	42	7661.73	117
O	Aug 2015	13	35	7652.83	94
R	Sep 2015	11	29	7645.08	75
	WY 2015	**294**	**285**		
I	Oct 2015	17	15	7645.65	77
C	Nov 2015	11	5	7648.25	83
A	Dec 2015	7	4	7649.57	86
L	Jan 2016	6	7	7649.21	85
*	Feb 2016	7	6	7649.77	86
	Mar 2016	10	8	7650.42	88
	Apr 2016	23	21	7651.02	89
	May 2016	77	43	7664.11	123
	Jun 2016	66	66	7664.01	123
	Jul 2016	24	41	7657.14	105
	Aug 2016	17	38	7648.57	84
	Sep 2016	14	29	7641.71	68
	WY 2016	**279**	**283**		
	Oct 2016	14	17	7640.26	65
	Nov 2016	8	4	7642.35	69
	Dec 2016	6	4	7643.52	72
	Jan 2017	5	4	7644.24	74
	Feb 2017	5	3	7644.83	75
	Mar 2017	9	4	7646.88	80
	Apr 2017	23	4	7654.91	99
	May 2017	71	47	7664.10	123
	Jun 2017	70	70	7664.10	123
	Jul 2017	29	42	7659.14	110
	Aug 2017	20	38	7651.82	91
	Sep 2017	17	30	7646.57	79
	WY 2017	**278**	**264**		
	Oct 2017	16	17	7645.81	77
	Nov 2017	9	4	7648.00	82
	Dec 2017	6	4	7649.09	85
	Jan 2018	5	4	7649.77	86
	Feb 2018	5	3	7650.31	88

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

Model Run ID: 3005

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 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)
*	Mar 2015	86	7	79	1	3	20	6043.43	1150	56
H	Apr 2015	80	8	63	2	20	21	6045.22	1170	38
I	May 2015	178	24	144	3	23	21	6053.44	1267	93
S	Jun 2015	285	38	241	4	20	22	6068.60	1461	254
T	Jul 2015	76	9	71	5	39	27	6068.68	1462	90
O	Aug 2015	15	1	36	4	33	42	6065.47	1419	70
R	Sep 2015	15	0	33	3	25	33	6063.41	1392	66
	WY 2015	**900**	**90**	**797**	**27**	**170**	**289**			**903**
I	Oct 2015	40	1	38	2	9	27	6063.43	1392	
C	Nov 2015	35	1	28	1	0	19	6064.00	1400	
A	Dec 2015	22	0	19	1	0	20	6063.81	1397	
L	Jan 2016	22	0	23	1	0	22	6063.77	1396	
*	Feb 2016	42	2	39	1	1	28	6064.39	1405	
	Mar 2016	82	5	75	2	5	22	6067.84	1451	45
	Apr 2016	150	15	133	3	20	21	6074.27	1541	71
	May 2016	265	42	189	4	33	215	6069.79	1478	365
	Jun 2016	195	34	161	4	49	260	6058.23	1325	397
	Jul 2016	40	6	51	4	52	30	6055.38	1290	83
	Aug 2016	33	1	53	3	44	25	6053.78	1271	58
	Sep 2016	33	1	47	3	24	24	6053.56	1268	52
	WY 2016	**960**	**108**	**857**	**28**	**239**	**714**			**1070**
	Oct 2016	40	1	41	2	8	25	6054.09	1274	50
	Nov 2016	31	1	26	1	0	24	6054.18	1275	41
	Dec 2016	25	0	22	1	0	25	6053.94	1273	40
	Jan 2017	22	0	20	1	0	25	6053.53	1268	38
	Feb 2017	30	0	29	1	0	22	6054.00	1273	35
	Mar 2017	92	2	85	2	5	25	6058.39	1328	47
	Apr 2017	170	15	136	3	20	24	6065.29	1417	76
	May 2017	277	41	212	4	34	97	6070.91	1493	243
	Jun 2017	224	33	190	5	50	161	6069.02	1467	313
	Jul 2017	66	7	71	5	55	31	6067.61	1448	99
	Aug 2017	45	2	62	4	46	43	6065.27	1416	82
	Sep 2017	43	1	55	3	26	56	6063.03	1387	88
	WY 2017	**1065**	**103**	**948**	**28**	**245**	**556**			**1151**
	Oct 2017	47	2	47	2	9	26	6063.75	1396	54
	Nov 2017	34	1	28	1	0	24	6063.96	1399	42
	Dec 2017	25	0	22	1	0	25	6063.73	1396	40
	Jan 2018	22	0	20	1	0	25	6063.35	1391	38
	Feb 2018	30	0	29	1	0	22	6063.78	1397	35

* 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

March 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)
*	Mar 2015	552	543	14	649	0	649	3591.02	4927	10913	656
H	Apr 2015	639	539	21	600	0	600	3590.18	4921	10837	610
I	May 2015	1613	1431	25	699	0	699	3597.27	4973	11491	708
S	Jun 2015	3389	2570	44	800	0	800	3613.54	5101	13090	801
T	Jul 2015	1072	1002	55	1048	0	1048	3612.62	5093	12996	1076
O	Aug 2015	313	466	54	799	0	799	3609.07	5065	12637	814
R	Sep 2015	276	435	49	714	0	714	3606.01	5040	12333	726
	WY 2015	**10174**	**9419**	**368**	**8868**	**132**	**9000**				**9136**
I	Oct 2015	535	680	34	600	0	600	3606.44	5044	12375	609
C	Nov 2015	421	506	32	577	0	577	3605.47	5036	12280	583
A	Dec 2015	266	393	26	857	0	857	3600.80	5000	11827	863
L	Jan 2016	300	433	8	857	0	857	3596.58	4968	11427	865
*	Feb 2016	396	490	8	700	0	700	3594.41	4952	11224	704
	Mar 2016	700	591	14	693	0	693	3593.25	4943	11117	698
	Apr 2016	850	673	22	665	0	665	3593.11	4942	11105	674
	May 2016	1900	1911	27	700	0	700	3604.67	5030	12201	708
	Jun 2016	2150	2031	45	800	0	800	3615.57	5118	13299	807
	Jul 2016	800	803	55	950	0	950	3613.75	5103	13112	966
	Aug 2016	380	490	54	900	0	900	3609.51	5068	12681	915
	Sep 2016	320	427	49	700	0	700	3606.52	5044	12383	713
	WY 2016	**9019**	**9427**	**373**	**9000**	**0**	**9000**				**9106**
	Oct 2016	438	478	34	600	0	600	3605.06	5033	12239	609
	Nov 2016	439	454	32	600	0	600	3603.37	5020	12075	604
	Dec 2016	363	425	25	800	0	800	3599.51	4990	11704	803
	Jan 2017	361	454	8	800	0	800	3596.04	4964	11376	807
	Feb 2017	393	436	8	650	0	650	3593.83	4947	11171	654
	Mar 2017	665	578	14	650	0	650	3592.98	4941	11092	655
	Apr 2017	1056	853	22	600	0	600	3595.29	4958	11306	609
	May 2017	2343	2039	27	650	0	650	3608.37	5059	12567	658
	Jun 2017	2666	2298	46	800	0	800	3621.39	5167	13911	807
	Jul 2017	1091	1005	58	1000	0	1000	3620.94	5163	13863	1016
	Aug 2017	500	608	57	1050	0	1050	3616.55	5126	13401	1065
	Sep 2017	408	563	51	800	0	800	3613.97	5104	13134	813
	WY 2017	**10723**	**10193**	**382**	**9000**	**0**	**9000**				**9102**
	Oct 2017	512	571	35	600	0	600	3613.38	5100	13074	609
	Nov 2017	473	515	34	600	0	600	3612.30	5091	12964	604
	Dec 2017	363	521	27	800	0	800	3609.50	5068	12680	803
	Jan 2018	361	482	8	800	0	800	3606.47	5044	12378	807
	Feb 2018	393	461	9	650	0	650	3604.61	5029	12195	654

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2016 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Mar 2015	649	57	31	1034	16.8	14	1033	677	1084.87	10419
H	Apr 2015	600	26	38	1087	18.3	20	1086	646	1079.03	9931
I	May 2015	699	25	43	871	14.2	25	862	632	1076.57	9729
S	Jun 2015	800	16	52	868	14.6	25	868	624	1075.08	9607
T	Jul 2015	1048	80	65	767	12.5	28	766	641	1078.15	9858
O	Aug 2015	799	114	70	803	13.1	27	802	642	1078.31	9871
R	Sep 2015	714	72	58	723	12.1	24	722	641	1078.10	9854
	WY 2015	**9000**	**722**	**540**	**9246**		**221**	**9215**			
I	Oct 2015	600	118	42	578	9.4	20	577	645	1078.99	9927
C	Nov 2015	577	41	42	631	10.6	12	630	641	1078.23	9865
A	Dec 2015	857	43	36	619	10.1	9	618	656	1080.91	10087
L	Jan 2016	857	90	30	662	10.8	8	661	671	1083.68	10318
*	Feb 2016	700	81	28	699	12.2	10	698	673	1084.17	10360
	Mar 2016	693	55	31	1025	16.7	14	1025	654	1080.56	10057
	Apr 2016	665	53	38	1116	18.7	20	1116	626	1075.36	9630
	May 2016	700	37	43	1012	16.5	29	1012	605	1071.32	9305
	Jun 2016	800	21	51	886	14.9	27	886	596	1069.64	9171
	Jul 2016	950	78	64	842	13.7	27	842	602	1070.76	9260
	Aug 2016	900	124	68	754	12.3	24	754	613	1072.85	9427
	Sep 2016	700	112	56	741	12.5	19	741	613	1072.80	9423
	WY 2016	**9000**	**853**	**529**	**9564**		**219**	**9560**			
	Oct 2016	600	69	41	528	8.6	21	528	617	1073.72	9497
	Nov 2016	600	56	41	578	9.7	12	578	619	1074.01	9520
	Dec 2016	800	54	36	529	8.6	7	529	636	1077.26	9785
	Jan 2017	800	62	30	727	11.8	8	727	642	1078.37	9876
	Feb 2017	650	73	27	727	13.1	7	727	640	1077.93	9840
	Mar 2017	650	55	30	1034	16.8	15	1034	617	1073.62	9489
	Apr 2017	600	53	37	1097	18.4	21	1097	586	1067.72	9019
	May 2017	650	37	41	990	16.1	29	990	563	1063.22	8669
	Jun 2017	800	21	49	884	14.9	29	884	555	1061.49	8536
	Jul 2017	1000	78	61	839	13.7	31	839	564	1063.28	8673
	Aug 2017	1050	124	66	759	12.4	29	759	583	1067.14	8974
	Sep 2017	800	112	55	727	12.2	16	727	590	1068.51	9081
	WY 2017	**9000**	**795**	**514**	**9420**		**224**	**9420**			
	Oct 2017	600	69	40	480	7.8	20	480	598	1070.03	9202
	Nov 2017	600	56	41	618	10.4	11	618	597	1069.88	9190
	Dec 2017	800	54	35	569	9.2	7	569	612	1072.74	9418
	Jan 2018	800	62	29	695	11.3	15	695	620	1074.16	9533
	Feb 2018	650	73	27	681	12.3	18	681	619	1074.12	9530

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

Model Run ID: 3005

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 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)
*	Mar 2015	1034	-21	13	963	0	963	15.7	642.78	1693
H	Apr 2015	1087	-18	17	1022	0	1022	17.2	643.88	1723
I	May 2015	871	-10	22	854	0	854	13.9	643.30	1707
S	Jun 2015	868	-19	26	810	0	810	13.6	643.81	1721
T	Jul 2015	767	-14	25	762	0	762	12.4	642.57	1687
O	Aug 2015	803	-16	23	775	0	775	12.6	642.12	1675
R	Sep 2015	723	-16	18	758	0	758	12.7	639.56	1606
	WY 2015	**9246**	**-142**	**198**	**8945**	**0**	**8945**			
I	Oct 2015	578	-7	15	655	0	655	10.7	635.80	1507
C	Nov 2015	631	-14	10	599	0	599	10.1	636.11	1514
A	Dec 2015	619	-13	9	527	0	527	8.6	638.77	1585
L	Jan 2016	662	-32	10	553	0	553	9.0	641.26	1651
*	Feb 2016	699	-20	10	675	0	675	11.7	641.04	1645
	Mar 2016	1025	-16	13	957	0	957	15.6	642.50	1685
	Apr 2016	1116	-19	17	1066	0	1066	17.9	643.00	1699
	May 2016	1012	-13	22	976	0	976	15.9	643.00	1699
	Jun 2016	886	-16	25	872	0	872	14.6	642.00	1671
	Jul 2016	842	-13	25	817	0	817	13.3	641.50	1658
	Aug 2016	754	-11	23	720	0	720	11.7	641.50	1658
	Sep 2016	741	-9	18	755	0	755	12.7	640.01	1617
	WY 2016	**9564**	**-184**	**197**	**9172**	**0**	**9172**			
	Oct 2016	528	-1	15	695	0	695	11.3	633.00	1434
	Nov 2016	578	-8	10	509	0	509	8.6	635.00	1486
	Dec 2016	529	-12	9	411	0	411	6.7	638.71	1583
	Jan 2017	727	-14	10	621	0	621	10.1	641.80	1666
	Feb 2017	727	-14	10	704	0	704	12.7	641.80	1666
	Mar 2017	1034	-16	13	971	0	971	15.8	643.05	1700
	Apr 2017	1097	-19	17	1062	0	1062	17.8	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	839	-13	25	814	0	814	13.2	641.50	1658
	Aug 2017	759	-11	23	726	0	726	11.8	641.50	1658
	Sep 2017	727	-9	18	740	0	740	12.4	640.01	1617
	WY 2017	**9420**	**-146**	**197**	**9077**	**0**	**9077**			
	Oct 2017	480	-1	15	647	0	647	10.5	633.00	1434
	Nov 2017	618	-8	10	548	0	548	9.2	635.00	1486
	Dec 2017	569	-12	9	450	0	450	7.3	638.71	1583
	Jan 2018	695	-14	10	588	0	588	9.6	641.80	1666
	Feb 2018	681	-14	10	658	0	658	11.8	641.80	1666

* 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

March 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)
*	Mar 2015	963	3	9	707	11.5	86	146	447.89	578	219	3.6
H	Apr 2015	1022	13	11	752	12.6	104	154	448.09	582	210	3.5
I	May 2015	854	21	13	559	9.1	108	177	448.50	590	113	1.8
S	Jun 2015	810	19	16	615	10.3	104	77	448.89	597	109	1.8
T	Jul 2015	762	18	17	592	9.6	107	70	447.99	580	107	1.7
O	Aug 2015	775	16	17	580	9.4	107	70	448.30	586	93	1.5
R	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**	
I	Oct 2015	655	34	12	458	7.5	101	115	447.88	578	59	1.0
C	Nov 2015	599	11	9	385	6.5	98	120	447.57	572	93	1.6
A	Dec 2015	527	22	7	321	5.2	101	130	446.92	560	105	1.7
L	Jan 2016	553	26	6	324	5.3	97	156	446.60	554	154	2.5
*	Feb 2016	675	10	8	543	9.4	13	117	446.50	552	180	3.1
	Mar 2016	957	4	9	715	11.6	100	111	447.50	570	219	3.6
	Apr 2016	1066	19	11	783	13.2	96	175	448.00	580	202	3.4
	May 2016	976	16	13	675	11.0	99	180	448.70	593	97	1.6
	Jun 2016	872	14	16	682	11.5	96	78	448.70	593	89	1.5
	Jul 2016	817	29	17	660	10.7	99	70	448.00	580	92	1.5
	Aug 2016	720	26	17	556	9.0	99	70	447.50	571	94	1.5
	Sep 2016	755	23	15	517	8.7	96	140	447.50	570	89	1.5
	WY 2016	**9172**	**235**	**140**	**6618**		**1094**	**1462**			**1474**	
	Oct 2016	695	27	12	469	7.6	99	135	447.50	571	65	1.1
	Nov 2016	509	22	9	374	6.3	29	112	447.50	571	103	1.7
	Dec 2016	411	19	7	288	4.7	32	117	446.50	552	115	1.9
	Jan 2017	621	13	6	388	6.3	80	154	446.50	552	154	2.5
	Feb 2017	704	12	8	486	8.7	71	143	446.50	552	180	3.2
	Mar 2017	971	4	9	725	11.8	80	150	446.70	555	206	3.4
	Apr 2017	1062	19	11	762	12.8	77	182	448.70	593	192	3.2
	May 2017	955	16	13	676	11.0	80	189	448.70	593	97	1.6
	Jun 2017	869	14	16	690	11.6	77	86	448.70	593	98	1.6
	Jul 2017	814	29	17	656	10.7	80	90	448.00	580	99	1.6
	Aug 2017	726	26	17	559	9.1	80	91	447.50	571	99	1.6
	Sep 2017	740	23	15	508	8.5	77	153	447.50	570	89	1.5
	WY 2017	**9077**	**224**	**139**	**6581**		**866**	**1602**			**1497**	
	Oct 2017	647	27	12	467	7.6	80	108	447.50	571	68	1.1
	Nov 2017	548	22	9	370	6.2	77	108	447.50	571	103	1.7
	Dec 2017	450	19	7	288	4.7	80	108	446.50	552	115	1.9
	Jan 2018	588	13	6	379	6.2	91	120	446.50	552	150	2.4
	Feb 2018	658	12	8	483	8.7	48	123	446.50	552	175	3.1

* 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

March 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
*	Mar 2015	1034	16.8	1084.87	10419	-350	440.21	952.0	412.2	60	398.7
H	Apr 2015	1087	18.3	1079.03	9931	-488	430.55	1217.0	427.4	76	393.2
I	May 2015	871	14.2	1076.57	9729	-202	432.58	1165.0	337.2	74	387.2
S	Jun 2015	868	14.6	1075.08	9607	-121	427.78	1573.0	332.0	100	382.4
T	Jul 2015	767	12.5	1078.15	9858	251	432.42	1455.0	292.7	94	381.4
O	Aug 2015	803	13.1	1078.31	9871	13	434.75	1451.0	307.8	93	383.4
R	Sep 2015	723	12.1	1078.10	9854	-17	435.36	1563.0	275.2	100	380.7
	WY 2015	**9246**							**3596.9**		
I	Oct 2015	578	9.4	1078.99	9927	73	435.13	1088.0	221.8	70	383.6
C	Nov 2015	631	10.6	1078.23	9865	-63	433.49	1088.0	244.8	70	387.9
A	Dec 2015	619	10.1	1080.91	10087	222	434.77	1069.0	241.9	68	390.9
L	Jan 2016	662	10.8	1083.68	10318	232	438.04	775.0	258.5	49	390.7
*	Feb 2016	699	12.2	1084.17	10360	41	437.39	880.0	277.0	55	396.1
	Mar 2016	1025	16.7	1080.56	10057	-302	433.84	973.0	412.0	61	401.9
	Apr 2016	1116	18.7	1075.36	9630	-427	426.76	1244.0	438.4	80	393.0
	May 2016	1012	16.5	1071.32	9305	-325	420.88	1389.0	381.8	91	377.4
	Jun 2016	886	14.9	1069.64	9171	-134	417.42	1516.0	331.7	100	374.4
	Jul 2016	842	13.7	1070.76	9260	89	417.63	1521.0	319.2	100	379.1
	Aug 2016	754	12.3	1072.85	9427	167	419.38	1532.0	283.6	100	376.2
	Sep 2016	741	12.5	1072.80	9423	-4	420.87	1532.0	280.3	100	378.2
	WY 2016	**9564**							**3691.0**		
	Oct 2016	528	8.6	1073.72	9497	74	425.99	1166.0	197.3	76	373.7
	Nov 2016	578	9.7	1074.01	9520	23	429.02	1144.0	221.3	74	382.9
	Dec 2016	529	8.6	1077.26	9785	265	430.77	891.0	202.1	57	381.7
	Jan 2017	727	11.8	1078.37	9876	91	430.06	991.0	284.3	63	390.8
	Feb 2017	727	13.1	1077.93	9840	-36	430.81	782.0	292.5	50	402.1
	Mar 2017	1034	16.8	1073.62	9489	-351	427.40	862.0	413.3	56	399.9
	Apr 2017	1097	18.4	1067.72	9019	-470	417.96	1407.0	416.8	93	380.0
	May 2017	990	16.1	1063.22	8669	-351	412.82	1383.0	364.5	93	368.1
	Jun 2017	884	14.9	1061.49	8536	-133	409.37	1471.0	324.0	100	366.7
	Jul 2017	839	13.7	1063.28	8673	137	409.89	1480.0	312.0	100	371.7
	Aug 2017	759	12.4	1067.14	8974	301	412.85	1493.8	281.4	100	370.6
	Sep 2017	727	12.2	1068.51	9081	107	415.92	1501.4	271.1	100	372.9
	WY 2017	**9420**							**3580.7**		
	Oct 2017	480	7.8	1070.03	9202	120	422.02	1146.3	181.7	76	378.4
	Nov 2017	618	10.4	1069.88	9190	-12	425.14	1124.0	236.4	74	382.8
	Dec 2017	569	9.2	1072.74	9418	228	426.47	872.9	217.3	57	382.2
	Jan 2018	695	11.3	1074.16	9533	115	425.73	971.0	267.3	63	384.7
	Feb 2018	681	12.3	1074.12	9530	-3	426.82	767.6	269.3	50	395.2

* 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

March 2016 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2015	963	15.7	642.78	1693	37	139.75	229.5	123.2	90	128.0
H	Apr 2015	1022	17.2	643.88	1723	30	141.00	255.0	129.5	100	126.8
I	May 2015	854	13.9	643.30	1707	-16	141.92	252.5	110.0	99	128.8
S	Jun 2015	810	13.6	643.81	1721	14	144.85	255.0	104.6	100	129.1
T	Jul 2015	762	12.4	642.57	1687	-34	140.97	255.0	98.4	100	129.1
O	Aug 2015	775	12.6	642.12	1675	-12	142.40	255.0	99.2	100	127.9
R	Sep 2015	758	12.7	639.56	1606	-69	137.76	255.0	95.5	100	126.0
	WY 2015	**8945**							**1122.4**		
I	Oct 2015	655	10.7	635.80	1507	-99	136.05	211.7	81.6	83	124.5
C	Nov 2015	599	10.1	636.11	1514	8	136.53	165.8	72.5	65	121.0
A	Dec 2015	527	8.6	638.77	1585	70	135.98	155.6	65.1	61	123.6
L	Jan 2016	553	9.0	641.26	1651	67	141.86	163.2	71.9	64	129.9
*	Feb 2016	675	11.7	641.04	1645	-6		178.5	86.3	70	127.8
	Mar 2016	957	15.6	642.50	1685	40	135.83	216.8	118.7	85	124.0
	Apr 2016	1066	17.9	643.00	1699	14	135.78	255.0	132.4	100	124.2
	May 2016	976	15.9	643.00	1699	0	136.04	255.0	122.0	100	125.0
	Jun 2016	872	14.6	642.00	1671	-27	135.51	255.0	108.9	100	124.9
	Jul 2016	817	13.3	641.50	1658	-14	134.73	255.0	101.9	100	124.7
	Aug 2016	720	11.7	641.50	1658	0	134.46	255.0	90.0	100	125.0
	Sep 2016	755	12.7	640.01	1617	-40	133.68	255.0	93.6	100	124.0
	WY 2016	**9172**							**1144.8**		
	Oct 2016	695	11.3	633.00	1434	-183	129.77	234.6	83.9	92	120.7
	Nov 2016	509	8.6	635.00	1486	51	128.06	204.0	60.8	80	119.4
	Dec 2016	411	6.7	638.71	1583	97	130.45	224.4	50.5	88	122.8
	Jan 2017	621	10.1	641.80	1666	83	135.03	191.3	77.2	75	124.5
	Feb 2017	704	12.7	641.80	1666	0	137.09	176.0	88.0	69	124.9
	Mar 2017	971	15.8	643.05	1700	34	135.44	255.0	120.9	100	124.5
	Apr 2017	1062	17.8	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	119.4	100	125.1
	Jun 2017	869	14.6	642.00	1671	-27	135.51	255.0	108.6	100	124.9
	Jul 2017	814	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	740	12.4	640.01	1617	-40	133.68	255.0	91.9	100	124.1
	WY 2017	**9077**							**1125.6**		
	Oct 2017	647	10.5	633.00	1434	-183	129.77	234.6	78.3	92	120.9
	Nov 2017	548	9.2	635.00	1486	51	128.06	204.0	65.4	80	119.2
	Dec 2017	450	7.3	638.71	1583	97	130.45	224.4	55.2	88	122.5
	Jan 2018	588	9.6	641.80	1666	83	135.03	191.3	73.3	75	124.7
	Feb 2018	658	11.8	641.80	1666	0	137.09	176.0	82.4	69	125.2

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 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
*	Mar 2015	707	11.5	447.89	578	10	79.76	108.0	49.6	90	70.2
H	Apr 2015	752	12.6	448.09	582	4	80.20	120.0	52.5	100	69.8
I	May 2015	559	9.1	448.50	590	8	81.62	112.8	39.5	94	70.7
S	Jun 2015	615	10.3	448.89	597	7	79.48	120.0	43.6	100	70.8
T	Jul 2015	592	9.6	447.99	580	-17	81.75	120.0	41.8	100	70.7
O	Aug 2015	580	9.4	448.30	586	6	82.40	120.0	40.9	100	70.4
R	Sep 2015	487	8.2	448.04	581	-5	82.23	120.0	34.6	100	71.1
	WY 2015	**6135**							**430.7**		
I	Oct 2015	458	7.5	447.88	578	-3	81.97	91.2	32.3	76	70.6
C	Nov 2015	385	6.5	447.57	572	-6	83.21	96.0	27.1	80	70.3
A	Dec 2015	321	5.2	446.92	560	-12	82.51	120.0	21.9	100	68.4
L	Jan 2016	324	5.3	446.60	554	-6	80.76	94.8	22.3	79	68.8
*	Feb 2016	528	9.4	446.50	552	-2	78.54	87.6	38.1	73	72.2
	Mar 2016	715	11.6	447.50	570	19	75.81	90.0	47.7	75	66.7
	Apr 2016	783	13.2	448.00	580	9	75.13	120.0	51.7	100	66.0
	May 2016	675	11.0	448.70	593	13	75.71	120.0	44.6	100	66.1
	Jun 2016	682	11.5	448.70	593	0	76.05	120.0	45.3	100	66.5
	Jul 2016	660	10.7	448.00	580	-13	75.71	120.0	43.6	100	66.1
	Aug 2016	556	9.0	447.50	571	-9	75.13	120.0	36.3	100	65.3
	Sep 2016	517	8.7	447.50	570	0	74.89	120.0	33.6	100	65.0
	WY 2016	**6603**							**444.6**		
	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	65.0
	Dec 2016	288	4.7	446.50	552	-19	74.40	120.0	18.1	100	62.6
	Jan 2017	388	6.3	446.50	552	0	75.13	93.6	25.0	78	64.5
	Feb 2017	486	8.7	446.50	552	0	74.71	102.0	31.6	85	65.1
	Mar 2017	725	11.8	446.70	555	4	74.01	120.0	47.1	100	65.0
	Apr 2017	762	12.8	448.70	593	38	75.08	120.0	50.3	100	65.9
	May 2017	676	11.0	448.70	593	0	76.05	120.0	44.9	100	66.4
	Jun 2017	690	11.6	448.70	593	0	76.05	120.0	45.9	100	66.5
	Jul 2017	656	10.7	448.00	580	-13	75.71	120.0	43.4	100	66.1
	Aug 2017	559	9.1	447.50	571	-9	75.13	120.0	36.5	100	65.3
	Sep 2017	508	8.5	447.50	570	0	74.89	120.0	33.0	100	65.0
	WY 2017	**6581**							**430.7**		
	Oct 2017	467	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	379	6.2	446.50	552	0	74.89	98.4	24.4	82	64.2
	Feb 2018	483	8.7	446.50	552	0	75.07	94.8	31.6	79	65.4

* 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

March 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
*	Mar 2015	278	48	7	9	5	6
	Winter 2015	**1827**	**250**	**72**	**83**	**46**	**37**
H	Apr 2015	256	28	13	17	11	7
I	May 2015	299	65	21	30	18	8
S	Jun 2015	348	40	38	67	21	9
T	Jul 2015	471	42	41	53	22	8
O	Aug 2015	357	42	32	38	21	7
R	Sep 2015	317	40	28	37	18	0
	Summer 2015	**2049**	**256**	**173**	**241**	**111**	**39**
I	Oct 2015	264	52	26	32	0	4
C	Nov 2015	256	52	13	15	0	4
A	Dec 2015	378	53	18	16	7	4
L	Jan 2016	373	52	17	22	13	3
*	Feb 2016	302	45	16	21	12	4
	Mar 2016	269	18	10	12	7	4
	Winter 2016	**1842**	**273**	**99**	**118**	**38**	**23**
	Apr 2016	258	17	13	20	11	4
	May 2016	275	35	60	90	23	5
	Jun 2016	322	60	22	32	21	8
	Jul 2016	386	29	29	36	19	9
	Aug 2016	363	29	32	39	20	8
	Sep 2016	280	28	28	35	18	6
	Summer 2016	**1883**	**199**	**183**	**252**	**112**	**39**
	Oct 2016	239	29	16	20	11	6
	Nov 2016	238	28	7	9	5	5
	Dec 2016	316	29	13	16	9	5
	Jan 2017	313	29	22	28	14	5
	Feb 2017	253	26	13	17	9	4
	Mar 2017	252	29	9	13	7	4
	Winter 2017	**1612**	**171**	**79**	**104**	**55**	**30**
	Apr 2017	233	28	12	19	11	4
	May 2017	257	46	41	60	23	7
	Jun 2017	325	74	18	29	20	9
	Jul 2017	412	40	33	41	22	10
	Aug 2017	430	40	33	40	20	10
	Sep 2017	325	38	32	39	20	7
	Summer 2017	**1227**	**188**	**104**	**149**	**76**	**29**
	Oct 2017	243	39	18	22	12	6
	Nov 2017	243	38	9	11	6	6
	Dec 2017	322	39	33	41	20	6
	Jan 2018	320	39	22	28	14	5
	Feb 2018	259	35	13	17	9	4

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 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****										
Mar 2016	817	271	291	13098	14477	17017	31495	325	139	62	526	13098	17017	30641	1500	1025	0	29.0
Apr 2016	771	266	245	13205	14487	17320	31807	273	136	9	418	13205	17320	30942	1500	1116	0	28.7
May 2016	721	244	155	13217	14337	17747	32084	216	111	-104	223	13217	17747	31187	1500	1012	0	29.4
Jun 2016	666	308	218	12121	13313	18072	31386	151	161	-78	234	12121	18072	30427	1500	886	0	30.5
Jul 2016	576	162	371	11023	12132	18206	30338	50	-5	21	66	11023	18206	29296	1500	842	0	30.3
								****CREDITABLE SPACE****										
Aug 2016	542	165	406	11210	12323	18117	30440	542	165	406	1113	11210	18117	30440	1500	754	0	30.0
Sep 2016	571	212	425	11641	12849	17950	30799	571	212	425	1209	11641	17950	30799	2270	741	0	29.5
Oct 2016	618	261	428	11939	13246	17954	31200	618	261	428	1307	11939	17954	31200	3040	528	0	29.2
Nov 2016	655	271	422	12083	13431	17880	31311	655	271	422	1348	12083	17880	31311	3810	578	0	29.1
Dec 2016	689	263	421	12247	13620	17857	31476	689	263	421	1372	12247	17857	31476	4580	529	0	29.0
Jan 2017	736	279	423	12618	14057	17592	31649	736	279	423	1438	12618	17592	31649	5350	727	0	28.8
								****EFFECTIVE SPACE****										
Jan 2017	736	279	423	12618	14057	17592	31649	420	256	358	1035	12618	17592	31245	5350	727	0	28.8
Feb 2017	778	328	428	12946	14480	17501	31981	460	307	363	1129	12946	17501	31576	1500	727	0	28.5
Mar 2017	808	350	423	13151	14731	17537	32268	487	330	356	1174	13151	17537	31862	1500	1034	0	28.1
Apr 2017	790	345	368	13230	14733	17888	32621	465	326	295	1087	13230	17888	32204	1500	1097	0	28.1
May 2017	741	313	279	13016	14349	18358	32707	409	291	184	884	13016	18358	32258	1500	990	0	29.3
Jun 2017	634	250	203	11755	12842	18708	31550	290	211	69	570	11755	18708	31033	1500	884	0	30.8
Jul 2017	461	70	229	10411	11170	18841	30011	103	10	40	153	10411	18841	29404	1500	839	0	30.9
								****CREDITABLE SPACE****										
Aug 2017	376	60	248	10459	11143	18704	29847	376	60	248	684	10459	18704	29847	1500	759	0	30.7
Sep 2017	410	95	280	10921	11706	18403	30109	410	95	280	785	10921	18403	30109	2270	727	0	30.3
Oct 2017	471	154	309	11188	12123	18296	30418	471	154	309	934	11188	18296	30418	3040	480	0	30.1
Nov 2017	527	169	300	11248	12243	18175	30419	527	169	300	995	11248	18175	30419	3810	618	0	30.0
Dec 2017	583	166	297	11358	12404	18187	30591	583	166	297	1046	11358	18187	30591	4580	569	0	29.8
Jan 2018	656	251	300	11642	12849	17959	30808	656	251	300	1207	11642	17959	30808	5350	695	0	29.6
								****EFFECTIVE SPACE****										
Jan 2018	656	251	300	11642	12849	17959	30808	346	251	179	776	11642	17959	30377	5350	695	0	29.6
Feb 2018	725	300	305	11944	13274	17844	31117	414	300	184	897	11944	17844	30685	1500	681	0	29.4

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