August 24-Month Study
Date: August 17, 2015

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

Current Reservoir Status

Reservoir	July Inflow (unregulated) (acre-feet)	Percent of Average (%)	August 16, Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	126,000	71	6499.19	292,000
Flaming Gorge	157,000	74	6034.35	3,520,000
Blue Mesa	131,000	112	7515.47	794,000
Navajo	76,000	115	6067.01	1,440,000
Powell	1,072,000	98	3611.27	12,859,000

Expected Operations

The operation of Lake Powell and Lake Mead in this August 2015 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 2015 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2014 24-Month Study projections of the January 1, 2015, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2015.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2015 is the Upper Elevation Balancing Tier. The April 2015 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet and the end of water year elevation at Lake Mead to be below elevation 1,075.0 feet. Therefore, in accordance with Section 6.B.4 of the 2007 Interim Guidelines, Lake Powell operations shifted to "balancing releases" for the remainder of water year 2015. Based on the most probable inflow forecast, this August 24-Month Study projects the balancing release will be 9.0 maf in water year 2015.

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 2015.

This August 24-Month study projects the January 1, 2016 Lake Powell elevation will be 3,602.46 feet, which is below the 2016 Equalization Elevation of 3,651 feet and above elevation 3,575 feet. 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. 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 2016.

Consistent with the August 2015 24-Month Study and 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 tier determinations will be documented in the 2016 AOP, which is currently in development.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2015 AOP is available for download at:
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP15.pdf.

Fontenelle Reservoir –The current reservoir elevation is 6500.0 feet, which amounts to 87 percent of live storage capacity. The total 2015 April-July inflow volume was 768,000 AF, or 106% of average. While the seasonal inflow volume was above average, inflows to Fontenelle for the month of July were only 126,000 acre-feet (AF), or 71 percent of average. Recent daily inflow averages have ranged from 860 cfs to 1,020 cfs.

Reservoir releases have been held steady at 1,500 cfs since mid-July. August weather conditions are expected to be relatively cool and dry, though strong storms continue to track southeast of the basin. The Colorado Basin River Forecast Center has forecasted late summer inflows that are below average. Releases will be reduced to 1,200 cfs on Monday, August 17, 2015. At the end of the month, releases will be further reduced to a winter baseflow level near 1,000 cfs. This is subject to change based on observed hydrology.

The next Fontenelle Working Group meeting is scheduled for 10:00 am, August 26, 2015. The meeting location has been changed to the Wyoming Game and Fish Department in Green River, Wyoming (351 W. Astle Avenue). 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 an average daily base flow of 1,700 cfs. It is anticipated that releases will remain at 1,700 cfs through October 31, 2015. Base flow releases are subject to observed hydrology and all projections may change.

Unregulated inflow into Flaming Gorge Reservoir during the month of July was 157,000 acre-feet (AF), or 75 percent of average. The reservoir elevation is 6,034.4 feet. Observed inflows are averaging 1,700 cubic feet per second (cfs).

Inflows for the next three months are projected to be below average: with August, September and October forecasted inflow volumes at 62,000 AF (70% of average), 50,000 AF (91% of average), and 55,000 AF (93% of average), respectively.

The next Flaming Gorge Working Group meeting is scheduled for August 27, 2015, at 11:00 a.m. to be held in the Utah Department of Natural Resources building in Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders 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 Peter Crookston at 801-379-1152 or Heather Patno at 801-524-3883.

Aspinall Unit Reservoirs – July unregulated inflow into Blue Mesa Reservoir was 131,000 acre-feet or 112 percent of average. Hydrologic conditions in the basin continue to be favorable with summer thunderstorms bringing above average precipitation. May, June, and July precipitation was 265, 160, and 130 percent of average respectively. The current inflow rate into Blue Mesa Reservoir is about 1400 cfs while reservoir releases are averaging about 1,700 cfs. Blue Mesa's present elevation is 7516.19 feet, which corresponds to a storage content of about 801,000 acre-feet.

The observed April through July runoff into Blue Mesa Reservoir was recorded at 708,000 acre-feet, or 105 percent of average. The Aspinall Unit reservoirs have already been at full capacity during June and nearly full during most of July. This year's peak elevation was recorded on June 20th when the reservoir reached elevation 7519.40 feet and a content of 829,500 acre-feet.

Releases from Crystal are currently set at 1800 cfs. The Gunnison Diversion Tunnel is diverting about 1050 cfs, which results in a river flow below the diversion tunnel of approximately 750 cfs. These rates will most likely change as conditions warrant, primarily as we respond to changes at the Whitewater gage as flows prescribed in the Aspinall Unit Operations Record of Decision (ROD). This year's ROD Baseflow calls for 1050 cfs at the Whitewater gage from August through next April.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, August 13, 2015 starting at 1:00 PM at the Elk Creek Visitor Center at Blue Mesa

Reservoir. At this meeting, review of this spring's reservoir operations, and plans for this fall and winter operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Navajo Reservoir – Due to the recent mine accident high in the Animas River Basin, the SJRIP requested a shift in the timing of the release of their available water. The reservoir release was increased from 650 cfs to 1300 cfs Friday (August 7th) in the morning. This release was held over the weekend in an attempt by the SJRIP to dilute and move the contaminant plume through the critical habitat reach more quickly. The release was reduced to 650 cfs again on Monday August 10th.

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 6068.7 feet of pool elevation and 1,462,883 acre-feet of storage by the end of July, which was 103% of average for the end of the month. Modified unregulated inflow into Navajo was 77,057 acre-feet, which was 117% of average for the month. Calculated evaporation for the month was 4,754 acre-ft. NIIP diverted a total of 38,605 acre-ft. The release averaged close to 468 cfs throughout the month. Precipitation at the dam totaled 1.7 inches (127% of average). The April-July inflow total this year was 619,000 acre-feet (84% of average). The reservoir peaked on July 20th at 6069.6 ft.

As of August 6th, the release at Navajo (as measured at the USGS at Archuleta gage) was 669 cfs, and the observed inflow is 473 cfs. NIIP is diverting 632 cfs. The reservoir elevation is 6068.26 feet and the content is 1,457,035 acre-feet, or 86% full (77% of Active). The San Juan River at Four Corners USGS gage is at 1,540 cfs, and the Animas River at Farmington USGS gage is at 593 cfs.

The most probable modified-unregulated inflow forecast for August at Navajo is 30,000 acre-feet (68% of average), for September is 30,000 acre-ft (69% of average), and for October is 36,000 acre-feet (76% of average).

The most probable forecast shows the reservoir will end the water year (Sept 30th) near 6063 feet (1,385,000 acre-feet), and reach a minimum overwinter storage level near 6060 feet (1,343,500 acre-feet) in February of 2016.

Glen Canyon Dam / Lake Powell

Current Status

The April to July 2015 unregulated inflow to Lake Powell was 6.71 million acre-feet (maf) (94% of average). The unregulated inflow in July was 1.072 maf (98% of average). The release volume from Glen Canyon Dam in July was 1.048 maf. The end of July elevation and storage of Lake Powell were 3,612.6 feet (87 feet from full pool) and 13.00 maf (53% of full capacity), respectively. The reservoir elevation peaked at 3,614 feet on July 14 and is now in its seasonal decline through the fall and winter months.

Current Operations

The operating tier for water year 2015, established in August 2014, is the Upper Elevation Balancing Tier. The April 2015 24-Month Study established that Lake Powell operations will be governed by balancing for the remainder of water year 2015. Based on the most probable inflow forecast, this August 24-Month Study projects a balancing release of 9.0 maf in water year 2015. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2015.

The operating tier for water year 2016, established this 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 August 2015, the release volume will be approximately 800 thousand acre-feet (kaf), with fluctuations anticipated between approximately 9,000 cfs and 17,000 cfs and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for September is approximately 710 kaf with daily fluctuations between approximately 9,000 cfs and 15,000 cfs. The expected release for October 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 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 August 3, 2015, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume next year will be 9.54 maf (88% 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 6.4 maf (59%) to a maximum probable of 16.9 maf (156%). 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 August 24-Month study projects Lake Powell elevation will end water year 2015 near 3,608 feet with approximately 12.51 maf in storage (51% capacity) and water year 2016 near 3,610 feet with approximately 12.71 maf in storage (52% 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 are 3,585 feet (10.4 maf, 43% capacity) and 3,648 feet (17.0 maf, 70% 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 2016 is projected to be 9.0 maf under the minimum and most probable inflow scenarios and 11.4 maf under the maximum probable inflow scenario. There is a chance that inflows could be higher or lower, potentially resulting in releases greater than 11.4 maf or as low as 8.23 maf in water year 2016.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 15-year period 2000 to 2014, 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 15 years. The period 2000-2014 is the lowest 15-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.39 maf, or 78% 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 2000-2014 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 2014 unregulated inflow volume to Lake Powell was 10.381 maf (96% 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, total water year 2015 unregulated inflows to Lake Powell is projected to be 10.33 maf (95% of average).

At the beginning of water year 2015, 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 year 2014 which began at 29.9 maf (50% of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2015. 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 2015 is approximately 30.55 maf (51% of total system capacity) and for water year 2016 is approximately 30.24 maf (51% of total system capacity). The actual end of water year 2016 system storage may vary from this projection, primarily due to uncertainty regarding next season's snowpack and resulting runoff and reservoir inflow. Based on the August minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2016 total system capacity is approximately 27.2 maf (46%) to 37.3 maf (63%), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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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			jul	Forecast			Observed	
:	apr	may	jun	jul	%Avg	aug	sep	oct	apr-jul	%Avg
GLDA3:Lake Powell	639	1613	3389	1072	98%:	400/	350/	460/	6713/:	94%
GBRW4:Fontenelle	87	223	332	126	71%:	55/	45/	45/	768/:	106%
GRNU1:Flaming Gorge	112	333	434	157	74%:	62/	50/	55/	1036/:	106%
BMDC2:Blue Mesa	73	136	368	131	112%:	57/	40/	39/	708/:	105%
MPSC2:Morrow Point	79	151	388	135	110%:	60/	43/	42/	753/:	102%
CLSC2:Crystal	85	164	429	143	104%:	66/	49/	48/	821/:	98%
TPIC2:Taylor Park	9.3	18.6	61	22	109%:	10/	7.5/	7/	111/:	112%
VCRC2:Vallecito	18.5	43	106	35	121%:	18/	15/	13/	203/:	105%
NVRN5:Navajo	80	178	285	76	115%:	30/	30/	36/	619/:	84%
LEMC2:Lemon	4.8	10.0	31	7.5	113%:	3.5/	3/	2/	53/:	96%
MPHC2:McPhee	23	75	102	26	115%:	10/	9/	7/	226/:	77%
RBSC2:Ridgway	6.2	13.9	50	24	94%:	10/	7/	7/	94/:	93%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2015 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)
*	Aug 2014	98	2	100	1	108	6504.71	335
H	Sep 2014	69	2	21	66	87	6502.07	314
	WY 2014	**1424**	**15**	**811**	**478**	**1328**		
I	Oct 2014	85	1	80	10	90	6501.37	309
S	Nov 2014	53	1	69	1	69	6499.16	292
T	Dec 2014	51	1	77	0	77	6495.49	265
O	Jan 2015	46	1	77	0	77	6490.98	234
R	Feb 2015	46	1	69	1	69	6487.37	210
I	Mar 2015	70	1	78	0	78	6486.00	201
C	Apr 2015	87	1	102	0	103	6483.35	185
A	May 2015	223	2	104	4	108	6499.95	298
L	Jun 2015	332	3	101	229	330	6499.84	297
*	Jul 2015	126	3	91	17	108	6501.77	312
	Aug 2015	55	2	83	0	83	6497.70	282
	Sep 2015	45	2	38	23	61	6495.24	264
	WY 2015	**1219**	**16**	**969**	**285**	**1253**		
	Oct 2015	45	1	63	0	63	6492.51	245
	Nov 2015	43	1	61	0	61	6489.64	226
	Dec 2015	32	1	63	0	63	6484.79	195
	Jan 2016	30	1	63	0	63	6478.91	161
	Feb 2016	28	0	59	0	59	6472.40	130
	Mar 2016	45	0	63	0	63	6468.08	111
	Apr 2016	75	1	71	0	71	6468.81	114
	May 2016	150	1	97	13	111	6477.20	152
	Jun 2016	270	2	102	17	119	6500.30	301
	Jul 2016	168	3	101	22	123	6505.73	343
	Aug 2016	64	2	100	0	101	6500.76	305
	Sep 2016	40	2	75	0	75	6495.78	268
	WY 2016	**990**	**15**	**918**	**54**	**972**		
	Oct 2016	44	1	65	0	65	6492.76	247
	Nov 2016	40	1	62	0	62	6489.28	224
	Dec 2016	32	1	65	0	65	6484.14	191
	Jan 2017	30	1	65	0	65	6477.90	156
	Feb 2017	28	0	58	0	58	6471.30	125
	Mar 2017	53	0	65	0	65	6468.37	112
	Apr 2017	85	1	74	0	74	6470.85	123
	May 2017	164	1	99	5	105	6482.47	181
	Jun 2017	299	2	103	63	167	6501.60	311
	Jul 2017	178	3	100	42	141	6505.85	344

* 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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Managing Water in the West

August 2015 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)
*	Aug 2014	126	136	13	122	0	122	132	6028.53	3293	190
H	Sep 2014	99	118	11	116	0	116	132	6028.31	3284	170
	WY 2014	**1689**	**1594**	**77**	**945**	**86**	**1032**				**2799**
I	Oct 2014	108	112	7	92	0	92	133	6028.64	3297	159
S	Nov 2014	65	81	4	77	0	77	133	6028.63	3296	134
T	Dec 2014	53	79	2	113	0	113	131	6027.71	3262	164
O	Jan 2015	67	98	2	124	0	124	130	6026.99	3234	171
R	Feb 2015	63	86	2	113	0	113	129	6026.25	3207	168
I	Mar 2015	77	85	3	124	0	124	127	6025.15	3166	219
C	Apr 2015	112	127	5	73	0	73	129	6026.41	3213	252
A	May 2015	333	218	8	169	57	226	129	6026.01	3198	652
L	Jun 2015	434	432	11	100	0	100	141	6034.01	3506	482
*	Jul 2015	157	140	14	104	0	104	142	6034.55	3528	195
	Aug 2015	62	90	13	105	0	105	141	6033.89	3502	120
	Sep 2015	50	66	12	101	0	101	139	6032.76	3457	110
	WY 2015	**1579**	**1613**	**82**	**1295**	**57**	**1352**				**2826**
	Oct 2015	55	73	8	105	0	105	138	6031.80	3419	126
	Nov 2015	54	72	4	125	0	125	135	6030.40	3364	151
	Dec 2015	36	67	2	135	0	135	133	6028.65	3297	156
	Jan 2016	42	75	2	135	0	135	130	6027.07	3237	154
	Feb 2016	45	76	2	127	0	127	128	6025.72	3187	145
	Mar 2016	93	111	3	90	0	90	129	6026.19	3204	151
	Apr 2016	125	121	5	86	0	86	130	6026.97	3234	266
	May 2016	205	166	8	133	0	133	131	6027.61	3258	603
	Jun 2016	320	169	10	156	0	156	131	6027.68	3260	561
	Jul 2016	200	155	13	95	0	95	133	6028.85	3305	163
	Aug 2016	75	112	13	95	0	95	133	6028.94	3308	113
	Sep 2016	50	85	11	92	0	92	132	6028.47	3291	105
	WY 2016	**1300**	**1282**	**80**	**1375**	**0**	**1375**				**2695**
	Oct 2016	55	75	7	95	0	95	131	6027.79	3264	121
	Nov 2016	50	72	3	92	0	92	130	6027.18	3241	121
	Dec 2016	35	67	2	95	0	95	129	6026.42	3213	121
	Jan 2017	40	75	2	95	0	95	128	6025.84	3191	120
	Feb 2017	45	75	2	86	0	86	128	6025.50	3179	114
	Mar 2017	102	114	3	95	0	95	129	6025.92	3194	172
	Apr 2017	134	122	5	92	0	92	130	6026.57	3219	307
	May 2017	245	186	8	114	0	114	132	6028.22	3281	646
	Jun 2017	390	257	10	223	0	223	133	6028.81	3303	643
	Jul 2017	210	174	14	98	0	98	135	6030.36	3363	198

* 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
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August 2015 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)
*	Aug 2014	12	19	9316.50	81
H	Sep 2014	10	14	9314.21	77
	WY 2014	**161**	**154**		
I	Oct 2014	10	8	9315.40	79
S	Nov 2014	7	6	9315.85	80
T	Dec 2014	6	6	9315.74	79
O	Jan 2015	6	6	9315.48	79
R	Feb 2015	4	5	9314.94	78
I	Mar 2015	7	6	9315.31	79
C	Apr 2015	9	6	9317.32	82
A	May 2015	19	10	9321.95	91
L	Jun 2015	61	49	9328.14	102
*	Jul 2015	22	29	9324.75	96
	Aug 2015	10	25	9316.57	81
	Sep 2015	8	18	9310.59	71
	WY 2015	**168**	**174**		
	Oct 2015	7	8	9309.96	70
	Nov 2015	6	6	9309.96	70
	Dec 2015	5	6	9309.33	69
	Jan 2016	4	6	9308.05	67
	Feb 2016	4	6	9306.74	65
	Mar 2016	4	6	9305.40	63
	Apr 2016	7	6	9306.07	64
	May 2016	25	8	9316.57	81
	Jun 2016	40	18	9328.32	103
	Jul 2016	15	20	9325.78	98
	Aug 2016	8	18	9320.49	88
	Sep 2016	7	14	9316.57	81
	WY 2016	**132**	**122**		
	Oct 2016	6	12	9313.30	75
	Nov 2016	5	6	9312.71	74
	Dec 2016	5	6	9311.91	73
	Jan 2017	4	6	9310.89	71
	Feb 2017	4	6	9309.51	69
	Mar 2017	4	6	9308.52	68
	Apr 2017	9	6	9310.27	70
	May 2017	28	14	9318.70	85
	Jun 2017	42	22	9329.07	104
	Jul 2017	20	22	9328.14	102

* 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)
*	Aug 2014	64	72	1	104	0	104	7496.00	629
H	Sep 2014	48	52	1	81	0	81	7492.28	599
	WY 2014	**1145**	**1138**	**8**	**708**	**145**	**879**		
I	Oct 2014	55	53	1	64	0	64	7490.77	587
S	Nov 2014	37	36	0	27	0	27	7491.85	596
T	Dec 2014	34	34	0	55	0	55	7489.11	574
O	Jan 2015	30	30	0	58	0	58	7485.48	547
R	Feb 2015	28	29	0	29	0	29	7485.47	547
I	Mar 2015	54	53	0	26	0	26	7488.96	573
C	Apr 2015	73	70	1	45	0	45	7492.04	597
A	May 2015	136	128	1	71	0	71	7498.96	653
L	Jun 2015	368	356	1	125	62	192	7517.76	815
*	Jul 2015	131	137	2	135	10	145	7516.74	806
	Aug 2015	57	72	1	124	0	124	7510.75	752
	Sep 2015	40	50	1	120	0	120	7502.42	681
	WY 2015	**1041**	**1047**	**9**	**878**	**72**	**956**		
	Oct 2015	39	40	1	64	0	64	7499.45	657
	Nov 2015	32	32	0	35	0	35	7499.05	654
	Dec 2015	26	27	0	99	0	99	7490.00	581
	Jan 2016	25	27	0	60	0	60	7485.68	548
	Feb 2016	21	23	0	48	0	48	7482.31	523
	Mar 2016	33	35	0	26	0	26	7483.47	532
	Apr 2016	68	67	1	39	0	39	7487.08	559
	May 2016	205	188	1	121	0	121	7495.50	625
	Jun 2016	250	228	1	50	0	50	7516.28	801
	Jul 2016	92	97	2	94	0	94	7516.40	802
	Aug 2016	50	60	1	126	0	126	7508.78	735
	Sep 2016	39	46	1	121	0	121	7499.75	659
	WY 2016	**880**	**870**	**9**	**883**	**0**	**883**		
	Oct 2016	39	44	1	59	0	59	7497.91	644
	Nov 2016	31	32	0	23	0	23	7499.03	653
	Dec 2016	26	27	0	99	0	99	7490.00	581
	Jan 2017	24	26	0	85	0	85	7482.20	522
	Feb 2017	22	25	0	60	0	60	7477.30	487
	Mar 2017	36	38	0	26	0	26	7478.86	498
	Apr 2017	77	74	1	39	0	39	7483.57	532
	May 2017	221	207	1	116	0	116	7495.16	622
	Jun 2017	261	241	1	76	0	76	7514.56	786
	Jul 2017	117	119	2	101	0	101	7516.40	803

* 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

August 2015 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)
*	Aug 2014	64	104	1	105	104	0	104	7154.40	113
H	Sep 2014	49	81	1	82	82	0	82	7153.75	112
	WY 2014	**1215**	**879**	**70**	**949**	**782**	**73**	**949**		
I	Oct 2014	56	64	1	65	49	0	68	7149.96	109
S	Nov 2014	38	27	2	29	23	0	26	7154.03	112
T	Dec 2014	35	55	1	56	56	0	56	7153.68	112
O	Jan 2015	30	58	1	58	60	0	60	7152.01	111
R	Feb 2015	29	29	1	30	31	0	31	7151.25	110
I	Mar 2015	56	26	3	29	28	0	28	7151.69	110
C	Apr 2015	79	45	6	50	51	0	51	7150.61	110
A	May 2015	151	71	15	86	84	0	84	7153.24	112
L	Jun 2015	388	192	20	212	188	0	211	7154.42	113
*	Jul 2015	135	145	3	148	148	0	148	7154.93	113
	Aug 2015	60	124	3	127	128	0	128	7153.73	112
	Sep 2015	43	120	3	123	123	0	123	7153.73	112
	WY 2015	**1100**	**956**	**58**	**1014**	**968**	**0**	**1014**		
	Oct 2015	42	64	3	67	67	0	67	7153.73	112
	Nov 2015	34	35	2	37	37	0	37	7153.73	112
	Dec 2015	28	99	2	101	101	0	101	7153.73	112
	Jan 2016	27	60	2	62	62	0	62	7153.73	112
	Feb 2016	24	48	3	51	51	0	51	7153.73	112
	Mar 2016	37	26	4	30	30	0	30	7153.73	112
	Apr 2016	78	39	10	49	49	0	49	7153.73	112
	May 2016	229	121	24	145	145	0	145	7153.73	112
	Jun 2016	270	50	20	70	70	0	70	7153.73	112
	Jul 2016	96	94	4	98	98	0	98	7153.73	112
	Aug 2016	52	126	2	128	128	0	128	7153.73	112
	Sep 2016	41	121	2	123	123	0	123	7153.73	112
	WY 2016	**958**	**883**	**78**	**961**	**961**	**0**	**961**		
	Oct 2016	41	59	2	61	61	0	61	7153.73	112
	Nov 2016	33	23	2	25	25	0	25	7153.73	112
	Dec 2016	28	99	2	101	101	0	101	7153.73	112
	Jan 2017	27	85	2	87	87	0	87	7153.73	112
	Feb 2017	25	60	3	63	63	0	63	7153.73	112
	Mar 2017	40	26	4	30	30	0	30	7153.73	112
	Apr 2017	88	39	11	50	50	0	50	7153.73	112
	May 2017	247	116	26	142	142	0	142	7153.73	112
	Jun 2017	281	76	20	96	96	0	96	7153.73	112
	Jul 2017	123	101	6	107	107	0	107	7153.73	112

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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August 2015 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)
*	Aug 2014	69	104	4	109	108	0	108	6749.65	16	65	48
H	Sep 2014	53	82	4	86	84	3	87	6747.57	15	62	26
	WY 2014	**1337**	**949**	**123**	**1071**	**690**	**187**	**1071**			**374**	**738**
I	Oct 2014	61	68	5	73	74	0	74	6745.88	15	48	27
S	Nov 2014	43	26	5	30	29	0	30	6748.06	16	0	29
T	Dec 2014	39	56	5	61	61	0	61	6746.42	15	1	62
O	Jan 2015	35	60	5	64	55	9	64	6746.05	15	1	65
R	Feb 2015	34	31	4	35	11	22	33	6751.96	17	0	34
I	Mar 2015	63	28	6	35	35	0	35	6752.00	17	1	34
C	Apr 2015	85	51	7	58	58	0	58	6751.65	17	37	21
A	May 2015	164	84	13	97	90	6	96	6752.09	17	62	36
L	Jun 2015	429	211	41	253	110	78	252	6755.80	18	55	205
*	Jul 2015	143	148	9	156	114	44	158	6751.21	16	65	95
	Aug 2015	66	128	6	134	133	0	133	6753.04	17	65	68
	Sep 2015	49	123	6	129	129	0	129	6753.04	17	55	74
	WY 2015	**1211**	**1014**	**111**	**1125**	**899**	**160**	**1123**			**390**	**751**
	Oct 2015	48	67	6	73	73	0	73	6753.04	17	30	43
	Nov 2015	39	37	5	42	42	0	42	6753.04	17	0	42
	Dec 2015	33	101	5	106	106	0	106	6753.04	17	0	106
	Jan 2016	32	62	5	67	67	0	67	6753.04	17	0	67
	Feb 2016	28	51	4	55	55	0	55	6753.04	17	0	55
	Mar 2016	43	30	6	36	36	0	36	6753.04	17	5	31
	Apr 2016	89	49	11	60	60	0	60	6753.04	17	30	30
	May 2016	260	145	31	176	134	42	176	6753.04	17	55	121
	Jun 2016	300	70	30	100	100	0	100	6753.04	17	60	40
	Jul 2016	106	98	10	108	108	0	108	6753.04	17	65	43
	Aug 2016	58	128	6	134	134	0	134	6753.04	17	65	69
	Sep 2016	47	123	6	129	129	0	129	6753.04	17	55	74
	WY 2016	**1083**	**961**	**125**	**1086**	**1045**	**42**	**1086**			**365**	**721**
	Oct 2016	47	61	6	67	67	0	67	6753.04	17	30	37
	Nov 2016	38	25	5	30	30	0	30	6753.04	17	0	30
	Dec 2016	32	101	5	106	106	0	106	6753.04	17	0	106
	Jan 2017	31	87	5	92	92	0	92	6753.04	17	0	92
	Feb 2017	29	63	4	66	66	0	66	6753.04	17	0	66
	Mar 2017	46	30	6	36	36	0	36	6753.04	17	5	31
	Apr 2017	101	50	12	63	63	0	63	6753.04	17	30	33
	May 2017	281	142	34	176	134	42	176	6753.04	17	55	121
	Jun 2017	315	96	34	130	130	0	130	6753.04	17	60	70
	Jul 2017	138	107	14	121	121	0	121	6753.04	17	65	56

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2015 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)
*	Aug 2014	14	32	7645.08	75
H	Sep 2014	22	28	7642.43	70
	WY 2014	**238**	**229**		
I	Oct 2014	23	5	7650.16	87
S	Nov 2014	10	3	7652.74	94
T	Dec 2014	6	4	7653.53	96
O	Jan 2015	6	5	7654.18	97
R	Feb 2015	7	4	7655.19	100
I	Mar 2015	13	12	7655.67	101
C	Apr 2015	19	11	7658.49	108
A	May 2015	43	31	7662.94	120
L	Jun 2015	106	103	7664.05	123
*	Jul 2015	37	42	7661.73	117
	Aug 2015	18	37	7654.00	97
	Sep 2015	15	30	7647.82	82
	WY 2015	**304**	**288**		
	Oct 2015	13	17	7645.92	77
	Nov 2015	8	1	7648.66	84
	Dec 2015	6	2	7650.49	88
	Jan 2016	5	2	7651.89	92
	Feb 2016	4	1	7652.89	94
	Mar 2016	6	2	7654.60	98
	Apr 2016	20	1	7661.65	116
	May 2016	71	66	7663.33	121
	Jun 2016	66	65	7663.32	121
	Jul 2016	27	41	7657.59	106
	Aug 2016	18	38	7649.47	86
	Sep 2016	15	29	7643.14	71
	WY 2016	**259**	**266**		
	Oct 2016	14	16	7642.02	69
	Nov 2016	8	1	7645.06	75
	Dec 2016	6	2	7647.11	80
	Jan 2017	5	2	7648.72	84
	Feb 2017	5	1	7650.08	87
	Mar 2017	9	2	7652.90	94
	Apr 2017	23	1	7661.31	116
	May 2017	71	66	7663.34	121
	Jun 2017	70	70	7663.34	121
	Jul 2017	29	42	7658.30	108

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2015 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)
*	Aug 2014	14	1	32	3	37	39	6037.72	1088	61
H	Sep 2014	39	1	47	2	22	31	6036.99	1081	61
	WY 2014	**696**	**62**	**626**	**23**	**203**	**253**			**754**
I	Oct 2014	68	1	46	1	7	21	6038.47	1096	65
S	Nov 2014	28	0	21	1	0	21	6038.43	1096	46
T	Dec 2014	19	0	17	1	0	21	6037.94	1091	44
O	Jan 2015	23	0	21	1	0	21	6037.90	1090	39
R	Feb 2015	28	1	25	1	0	18	6038.43	1096	40
I	Mar 2015	87	7	80	1	3	20	6043.43	1150	56
C	Apr 2015	80	8	63	2	20	21	6045.22	1170	38
A	May 2015	178	24	144	3	23	22	6053.44	1267	97
L	Jun 2015	285	38	241	4	20	21	6068.60	1461	282
*	Jul 2015	78	9	73	5	39	29	6068.68	1462	101
	Aug 2015	30	1	49	4	37	45	6065.94	1425	80
	Sep 2015	30	1	44	3	22	58	6063.03	1387	83
	WY 2015	**933**	**91**	**823**	**27**	**171**	**319**			**970**
	Oct 2015	36	1	39	2	39	25	6061.00	1361	47
	Nov 2015	35	0	28	1	5	24	6060.86	1359	41
	Dec 2015	24	0	20	1	0	25	6060.42	1353	39
	Jan 2016	21	0	18	1	0	25	6059.81	1345	37
	Feb 2016	26	0	23	1	0	23	6059.77	1345	34
	Mar 2016	75	2	69	2	5	25	6062.67	1382	42
	Apr 2016	145	16	111	3	20	24	6067.54	1447	73
	May 2016	285	41	239	4	34	106	6074.38	1542	256
	Jun 2016	195	33	161	5	49	152	6071.25	1498	283
	Jul 2016	57	7	65	5	53	35	6069.23	1470	89
	Aug 2016	35	1	53	4	44	47	6066.16	1428	80
	Sep 2016	35	1	48	3	24	60	6063.26	1390	86
	WY 2016	**969**	**102**	**874**	**29**	**272**	**569**			**1105**
	Oct 2016	41	2	42	2	9	26	6063.69	1395	50
	Nov 2016	31	1	24	1	0	24	6063.61	1394	41
	Dec 2016	25	0	20	1	0	25	6063.23	1389	40
	Jan 2017	22	0	18	1	0	25	6062.68	1382	38
	Feb 2017	30	0	27	1	0	22	6062.96	1386	35
	Mar 2017	92	2	83	2	5	25	6066.88	1438	47
	Apr 2017	170	15	133	3	20	38	6072.19	1511	90
	May 2017	277	41	230	4	34	224	6069.95	1480	370
	Jun 2017	224	33	190	4	49	212	6064.36	1404	363
	Jul 2017	66	7	71	5	53	32	6063.00	1386	99

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

August 2015 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)
*	Aug 2014	517	615	53	801	0	801	3605.82	5039	12314	818
H	Sep 2014	511	622	48	604	0	604	3605.53	5037	12286	619
	WY 2014	**10381**	**9287**	**347**	**7337**	**143**	**7480**				**7568**
I	Oct 2014	716	636	34	598	0	598	3605.57	5037	12290	613
S	Nov 2014	423	420	32	645	132	777	3601.87	5008	11929	780
T	Dec 2014	409	465	25	864	0	864	3597.75	4977	11537	880
O	Jan 2015	348	449	8	862	0	862	3593.57	4945	11147	878
R	Feb 2015	424	464	8	589	0	589	3592.23	4936	11024	595
I	Mar 2015	552	543	14	649	0	649	3591.02	4927	10913	656
C	Apr 2015	639	539	21	600	0	600	3590.18	4921	10837	610
A	May 2015	1613	1431	25	699	0	699	3597.27	4973	11491	708
L	Jun 2015	3389	2570	44	800	0	800	3613.54	5101	13090	801
*	Jul 2015	1072	1002	55	1048	0	1048	3612.62	5093	12996	1079
	Aug 2015	400	563	54	800	0	800	3609.96	5072	12726	817
	Sep 2015	350	531	49	713	0	713	3607.82	5055	12512	726
	WY 2015	**10334**	**9613**	**369**	**8868**	**132**	**9000**				**9143**
	Oct 2015	460	563	34	600	0	600	3607.16	5049	12446	609
	Nov 2015	410	479	33	600	0	600	3605.72	5038	12304	606
	Dec 2015	310	483	26	800	0	800	3602.46	5013	11987	806
	Jan 2016	300	432	8	800	0	800	3598.83	4985	11638	809
	Feb 2016	340	446	8	650	0	650	3596.74	4969	11442	655
	Mar 2016	540	486	14	650	0	650	3594.98	4956	11277	656
	Apr 2016	840	687	22	600	0	600	3595.62	4961	11337	610
	May 2016	2250	1989	27	650	0	650	3608.22	5058	12552	658
	Jun 2016	2550	2225	46	800	0	800	3620.61	5160	13828	809
	Jul 2016	840	775	57	1000	0	1000	3618.14	5139	13567	1015
	Aug 2016	370	524	56	1050	0	1050	3612.94	5096	13029	1067
	Sep 2016	330	504	50	800	0	800	3609.78	5070	12708	813
	WY 2016	**9540**	**9593**	**381**	**9000**	**0**	**9000**				**9113**
	Oct 2016	447	502	34	600	0	600	3608.55	5061	12585	609
	Nov 2016	443	470	33	600	0	600	3607.04	5048	12435	606
	Dec 2016	363	496	26	800	0	800	3603.93	5024	12129	806
	Jan 2017	361	480	8	800	0	800	3600.78	5000	11825	809
	Feb 2017	393	464	8	650	0	650	3598.90	4985	11645	655
	Mar 2017	665	588	14	650	0	650	3598.15	4980	11574	656
	Apr 2017	1056	878	23	600	0	600	3600.64	4999	11811	610
	May 2017	2343	2128	28	650	0	650	3614.15	5106	13153	658
	Jun 2017	2666	2385	48	800	0	800	3627.51	5220	14576	809
	Jul 2017	1091	989	61	1000	0	1000	3626.91	5214	14509	1015

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August 2015 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)
*	Aug 2014	801	113	71	735	12.0	23	727	659	1081.55	10140
H	Sep 2014	604	140	58	686	11.5	19	684	658	1081.33	10121
	WY 2014	**7480**	**677**	**567**	**9759**		**216**	**9716**			
I	Oct 2014	598	68	43	472	7.7	21	461	666	1082.79	10244
S	Nov 2014	777	44	43	695	11.7	13	692	670	1083.57	10309
T	Dec 2014	864	56	37	493	8.0	8	492	693	1087.79	10667
O	Jan 2015	862	73	31	832	13.5	6	832	697	1088.51	10729
R	Feb 2015	589	90	28	600	10.8	8	599	700	1088.98	10769
I	Mar 2015	649	57	31	1034	16.8	14	1033	677	1084.87	10419
C	Apr 2015	600	26	38	1087	18.3	20	1086	646	1079.03	9931
A	May 2015	699	25	43	871	14.2	25	862	632	1076.57	9729
L	Jun 2015	800	17	52	868	14.6	25	868	624	1075.08	9607
*	Jul 2015	1048	81	65	767	12.5	29	766	641	1078.15	9858
	Aug 2015	800	127	70	769	12.5	31	769	644	1078.80	9912
	Sep 2015	713	114	58	727	12.2	18	727	646	1079.07	9934
	WY 2015	**9000**	**777**	**540**	**9216**		**220**	**9187**			
	Oct 2015	600	61	42	535	8.7	22	535	649	1079.77	9992
	Nov 2015	600	50	42	633	10.6	13	633	647	1079.35	9957
	Dec 2015	800	96	37	586	9.5	10	586	663	1082.33	10205
	Jan 2016	800	72	30	692	11.3	8	692	672	1083.92	10338
	Feb 2016	650	77	28	623	10.8	7	623	676	1084.69	10403
	Mar 2016	650	61	31	1017	16.5	15	1017	655	1080.75	10073
	Apr 2016	600	76	38	1090	18.3	21	1090	626	1075.34	9629
	May 2016	650	49	43	996	16.2	29	996	603	1071.04	9282
	Jun 2016	800	23	51	924	15.5	30	924	592	1068.90	9112
	Jul 2016	1000	67	63	874	14.2	31	874	598	1070.07	9205
	Aug 2016	1050	127	68	779	12.7	29	779	617	1073.61	9488
	Sep 2016	800	114	57	718	12.1	16	718	624	1075.03	9603
	WY 2016	**9000**	**874**	**529**	**9467**		**230**	**9467**			
	Oct 2016	600	61	42	478	7.8	20	478	632	1076.43	9717
	Nov 2016	600	50	42	623	10.5	11	623	630	1076.14	9693
	Dec 2016	800	96	36	552	9.0	7	552	648	1079.57	9975
	Jan 2017	800	72	30	699	11.4	8	699	657	1081.09	10102
	Feb 2017	650	77	27	627	11.3	7	627	661	1081.83	10163
	Mar 2017	650	61	31	1025	16.7	15	1025	639	1077.75	9825
	Apr 2017	600	76	37	1098	18.5	21	1098	609	1072.18	9374
	May 2017	650	49	42	1004	16.3	30	1004	586	1067.73	9020
	Jun 2017	800	23	50	931	15.7	30	931	575	1065.47	8843
	Jul 2017	1000	67	62	881	14.3	31	881	580	1066.58	8930

* 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

August 2015 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)
*	Aug 2014	735	-6	23	697	0	697	11.3	643.43	1711
H	Sep 2014	686	-6	18	727	0	727	12.2	641.03	1645
	WY 2014	**9759**	**-139**	**198**	**9400**	**0**	**9400**			
I	Oct 2014	472	10	15	642	0	642	10.4	634.40	1470
S	Nov 2014	695	-6	10	629	0	629	10.6	636.32	1520
T	Dec 2014	493	-2	9	445	0	445	7.2	637.75	1558
O	Jan 2015	832	-22	10	660	0	660	10.7	642.98	1698
R	Feb 2015	600	-8	10	625	0	625	11.3	641.43	1656
I	Mar 2015	1034	-21	13	963	0	963	15.7	642.78	1693
C	Apr 2015	1087	-21	17	1022	3	1019	17.1	643.88	1723
A	May 2015	871	-10	22	829	0	854	13.9	643.30	1707
L	Jun 2015	868	-19	26	810	0	810	13.6	643.81	1721
*	Jul 2015	767	-13	25	763	0	763	12.4	642.57	1687
	Aug 2015	769	-10	23	744	0	744	12.1	642.25	1678
	Sep 2015	727	-6	18	764	0	764	12.8	640.01	1617
	WY 2015	**9216**	**-128**	**198**	**8896**	**3**	**8918**			
	Oct 2015	535	1	15	704	0	704	11.5	633.00	1434
	Nov 2015	633	-11	10	560	0	560	9.4	635.00	1486
	Dec 2015	586	-12	9	467	0	467	7.6	638.71	1583
	Jan 2016	692	-13	10	586	0	586	9.5	641.80	1666
	Feb 2016	623	-13	10	600	0	600	10.4	641.80	1666
	Mar 2016	1017	-15	13	955	0	955	15.5	643.05	1700
	Apr 2016	1090	-19	17	1056	0	1056	17.8	643.00	1699
	May 2016	996	-15	22	959	0	959	15.6	643.00	1699
	Jun 2016	924	-17	25	909	0	909	15.3	642.00	1671
	Jul 2016	874	-13	25	849	0	849	13.8	641.50	1658
	Aug 2016	779	-10	23	746	0	746	12.1	641.50	1658
	Sep 2016	718	-6	18	734	0	734	12.3	640.01	1617
	WY 2016	**9467**	**-143**	**197**	**9126**	**0**	**9126**			
	Oct 2016	478	1	15	648	0	648	10.5	633.00	1434
	Nov 2016	623	-11	10	551	0	551	9.3	635.00	1486
	Dec 2016	552	-12	9	434	0	434	7.1	638.71	1583
	Jan 2017	699	-13	10	594	0	594	9.7	641.80	1666
	Feb 2017	627	-13	10	604	0	604	10.9	641.80	1666
	Mar 2017	1025	-15	13	963	0	963	15.7	643.05	1700
	Apr 2017	1098	-19	17	1064	0	1064	17.9	643.00	1699
	May 2017	1004	-15	22	967	0	967	15.7	643.00	1699
	Jun 2017	931	-17	25	916	0	916	15.4	642.00	1671
	Jul 2017	881	-13	25	856	0	856	13.9	641.50	1658

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2015 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)
*	Aug 2014	697	26	17	495	8.1	106	99	448.10	582	100	1.6
H	Sep 2014	727	13	15	474	8.0	102	140	448.17	583	90	1.5
	WY 2014	**9400**	**169**	**140**	**6497**		**1137**	**1685**			**1587**	
I	Oct 2014	642	16	12	432	7.0	105	135	446.41	550	65	1.1
S	Nov 2014	629	9	9	351	5.9	102	147	447.77	576	89	1.5
T	Dec 2014	445	18	7	240	3.9	109	132	446.36	549	98	1.6
O	Jan 2015	660	17	6	348	5.7	105	180	448.22	584	146	2.4
R	Feb 2015	625	9	8	473	8.5	54	109	447.38	568	172	3.1
I	Mar 2015	963	3	9	707	11.5	86	146	447.89	578	219	3.6
C	Apr 2015	1019	15	11	752	12.6	104	154	448.09	582	210	3.5
A	May 2015	854	21	13	559	9.1	108	177	448.50	590	113	1.8
L	Jun 2015	810	19	16	615	10.3	104	77	448.89	597	109	1.8
*	Jul 2015	763	18	17	592	9.6	107	70	447.99	580	107	1.7
	Aug 2015	744	27	17	559	9.1	108	75	448.00	580	92	1.5
	Sep 2015	764	23	15	524	8.8	104	144	447.50	571	89	1.5
	WY 2015	**8918**	**195**	**140**	**6152**		**1196**	**1548**			**1509**	
	Oct 2015	704	25	12	485	7.9	108	117	447.50	570	58	1.0
	Nov 2015	560	27	9	371	6.2	75	127	447.50	571	92	1.6
	Dec 2015	467	21	7	295	4.8	79	122	446.50	552	104	1.7
	Jan 2016	586	18	6	349	5.7	78	166	446.50	552	130	2.1
	Feb 2016	600	11	8	440	7.7	72	85	446.50	552	161	2.8
	Mar 2016	955	15	9	731	11.9	78	139	446.70	555	205	3.3
	Apr 2016	1056	23	11	786	13.2	75	161	448.70	593	205	3.4
	May 2016	959	17	13	706	11.5	78	167	448.70	593	113	1.8
	Jun 2016	909	15	16	702	11.8	75	117	448.70	593	111	1.9
	Jul 2016	849	29	17	704	11.4	78	79	448.00	580	119	1.9
	Aug 2016	746	27	17	597	9.7	78	78	447.50	571	100	1.6
	Sep 2016	734	23	15	542	9.1	75	116	447.50	570	89	1.5
	WY 2016	**9126**	**252**	**139**	**6708**		**949**	**1473**			**1489**	
	Oct 2016	648	25	12	452	7.4	78	123	447.50	571	55	0.9
	Nov 2016	551	27	9	369	6.2	75	120	447.50	571	103	1.7
	Dec 2016	434	21	7	278	4.5	78	107	446.50	552	108	1.7
	Jan 2017	594	18	6	347	5.6	79	174	446.50	552	130	2.1
	Feb 2017	604	11	8	438	7.9	70	93	446.50	552	161	2.9
	Mar 2017	963	15	9	730	11.9	79	147	446.70	555	205	3.3
	Apr 2017	1064	23	11	784	13.2	76	169	448.70	593	205	3.4
	May 2017	967	17	13	704	11.4	79	175	448.70	593	113	1.8
	Jun 2017	916	15	16	700	11.8	76	126	448.70	593	111	1.9
	Jul 2017	856	29	17	702	11.4	79	87	448.00	580	119	1.9

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2015 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
*	Aug 2014	735	12.0	1081.55	10140	79	436.53	1493.0	279.3	94	379.9
H	Sep 2014	686	11.5	1081.33	10121	-18	437.59	1493.0	262.1	94	382.2
	WY 2014	**9759**							**3910.2**		
I	Oct 2014	472	7.7	1082.79	10244	122	442.74	1282.0	180.0	81	381.5
S	Nov 2014	695	11.7	1083.57	10309	65	437.62	1079.0	270.7	68	389.5
T	Dec 2014	493	8.0	1087.79	10667	358	446.86	889.0	189.0	55	383.3
O	Jan 2015	832	13.5	1088.51	10729	62	441.51	1018.0	333.5	63	400.6
R	Feb 2015	600	10.8	1088.98	10769	40	444.73	848.0	239.1	52	398.4
I	Mar 2015	1034	16.8	1084.87	10419	-350	440.21	952.0	412.2	60	398.7
C	Apr 2015	1087	18.3	1079.03	9931	-488	430.55	1217.0	427.4	76	393.2
A	May 2015	869	14.1	1076.57	9729	-202	432.58	1165.0	337.2	74	388.2
L	Jun 2015	868	14.6	1075.08	9607	-121	427.78	1573.0	332.0	100	382.4
*	Jul 2015	767	12.5	1078.15	9858	251	432.42	1455.0	292.7	94	381.4
	Aug 2015	769	12.5	1078.80	9912	54	426.16	1451.0	295.1	93	383.9
	Sep 2015	727	12.2	1079.07	9934	22	426.69	1560.0	278.2	100	382.5
	WY 2015	**9214**							**3587.2**		
	Oct 2015	535	8.7	1079.77	9992	58	432.82	1086.0	203.6	69	380.9
	Nov 2015	633	10.6	1079.35	9957	-35	434.07	1257.0	243.2	80	384.4
	Dec 2015	586	9.5	1082.33	10205	248	434.31	1149.0	226.4	72	386.6
	Jan 2016	692	11.3	1083.92	10338	133	436.25	876.0	274.4	55	396.7
	Feb 2016	623	10.8	1084.69	10403	65	435.69	986.0	243.9	62	391.4
	Mar 2016	1017	16.5	1080.75	10073	-330	432.32	1173.0	400.1	75	393.3
	Apr 2016	1090	18.3	1075.34	9629	-444	425.99	1336.0	424.3	87	389.1
	May 2016	996	16.2	1071.04	9282	-346	419.78	1518.0	372.3	100	373.6
	Jun 2016	924	15.5	1068.90	9112	-170	416.91	1505.0	347.3	100	375.8
	Jul 2016	874	14.2	1070.07	9205	93	416.92	1512.0	332.0	100	379.8
	Aug 2016	779	12.7	1073.61	9488	283	419.41	1531.0	294.0	100	377.6
	Sep 2016	718	12.1	1075.03	9603	115	422.35	1539.0	271.6	100	378.1
	WY 2016	**9467**							**3632.9**		
	Oct 2016	478	7.8	1076.43	9717	114	428.26	1200.0	183.0	78	382.9
	Nov 2016	623	10.5	1076.14	9693	-24	429.88	1374.0	240.1	89	385.1
	Dec 2016	552	9.0	1079.57	9975	282	429.71	1370.0	208.6	88	377.5
	Jan 2017	699	11.4	1081.09	10102	126	433.47	860.5	276.1	55	394.8
	Feb 2017	627	11.3	1081.83	10163	61	432.86	968.7	245.2	62	391.3
	Mar 2017	1025	16.7	1077.75	9825	-338	429.41	1152.7	401.0	75	391.1
	Apr 2017	1098	18.5	1072.18	9374	-451	422.94	1311.9	424.5	87	386.6
	May 2017	1004	16.3	1067.73	9020	-353	416.57	1489.9	372.5	100	371.0
	Jun 2017	931	15.7	1065.47	8843	-177	413.58	1477.0	347.4	100	373.0
	Jul 2017	881	14.3	1066.58	8930	87	413.50	1483.3	332.1	100	376.9

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2015 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
*	Aug 2014	697	11.3	643.43	1711	9	143.79	255.0	88.3	100	126.7
H	Sep 2014	727	12.2	641.03	1645	-65	138.41	255.0	91.5	100	126.0
	WY 2014	**9400**							**1175.6**		
I	Oct 2014	642	10.4	634.40	1470	-175	134.93	191.3	72.3	75	112.7
S	Nov 2014	629	10.6	636.32	1520	50	136.47	158.1	74.4	62	118.2
T	Dec 2014	445	7.2	637.75	1558	37	134.54	165.8	52.7	65	118.4
O	Jan 2015	660	10.7	642.98	1698	141	141.44	163.2	82.8	64	125.4
R	Feb 2015	625	11.3	641.43	1656	-42	140.07	188.7	79.9	74	127.8
I	Mar 2015	963	15.7	642.78	1693	37	139.75	229.5	123.2	90	128.0
C	Apr 2015	1022	17.2	643.88	1723	30	141.00	255.0	129.5	100	126.8
A	May 2015	829	13.9	643.30	1707	-16	141.92	252.5	110.0	99	132.6
L	Jun 2015	810	13.6	643.81	1721	14	144.85	255.0	104.6	100	129.1
*	Jul 2015	763	12.4	642.57	1687	-34	140.97	255.0	98.4	100	128.9
	Aug 2015	744	12.1	642.25	1678	-9	135.42	255.0	93.5	100	125.7
	Sep 2015	764	12.8	640.01	1617	-61	134.08	255.0	94.9	100	124.3
	WY 2015	**8896**							**1116.2**		
	Oct 2015	704	11.5	633.00	1434	-183	129.77	234.6	84.9	92	120.6
	Nov 2015	560	9.4	635.00	1486	51	127.90	209.1	66.7	82	119.1
	Dec 2015	467	7.6	638.71	1583	97	130.45	224.4	57.2	88	122.4
	Jan 2016	586	9.5	641.80	1666	83	135.97	163.2	73.1	64	124.7
	Feb 2016	600	10.4	641.80	1666	0	137.17	173.4	75.5	68	125.7
	Mar 2016	955	15.5	643.05	1700	34	135.44	255.0	119.0	100	124.6
	Apr 2016	1056	17.8	643.00	1699	-2	136.07	255.0	131.5	100	124.5
	May 2016	959	15.6	643.00	1699	0	136.04	255.0	120.0	100	125.1
	Jun 2016	909	15.3	642.00	1671	-27	135.51	255.0	113.3	100	124.7
	Jul 2016	849	13.8	641.50	1658	-14	134.73	255.0	105.7	100	124.5
	Aug 2016	746	12.1	641.50	1658	0	134.46	255.0	93.1	100	124.9
	Sep 2016	734	12.3	640.01	1617	-40	133.68	255.0	91.2	100	124.1
	WY 2016	**9126**							**1131.2**		
	Oct 2016	648	10.5	633.00	1434	-183	129.77	234.6	78.3	92	120.9
	Nov 2016	551	9.3	635.00	1486	51	127.90	209.1	65.7	82	119.2
	Dec 2016	434	7.1	638.71	1583	97	130.45	224.4	53.2	88	122.6
	Jan 2017	594	9.7	641.80	1666	83	135.97	163.2	74.0	64	124.6
	Feb 2017	604	10.9	641.80	1666	0	137.17	173.4	75.8	68	125.6
	Mar 2017	963	15.7	643.05	1700	34	135.44	255.0	119.9	100	124.6
	Apr 2017	1064	17.9	643.00	1699	-2	136.07	255.0	132.4	100	124.4
	May 2017	967	15.7	643.00	1699	0	136.04	255.0	120.9	100	125.1
	Jun 2017	916	15.4	642.00	1671	-27	135.51	255.0	114.2	100	124.7
	Jul 2017	856	13.9	641.50	1658	-14	134.73	255.0	106.6	100	124.5

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2015 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
*	Aug 2014	495	8.1	448.10	582	-3	81.82	120.0	35.2	100	71.2
H	Sep 2014	474	8.0	448.17	583	1	82.36	120.0	33.7	100	70.9
	WY 2014	**6496**							**451.6**		
I	Oct 2014	432	7.0	446.41	550	-33	80.56	91.2	30.8	76	71.3
S	Nov 2014	351	5.9	447.77	576	25	81.18	96.0	24.4	80	69.4
T	Dec 2014	240	3.9	446.36	549	-26	81.87	120.0	15.5	100	64.8
O	Jan 2015	348	5.6	448.22	584	35	82.97	93.6	24.3	78	69.7
R	Feb 2015	473	8.5	447.38	568	-16	81.70	94.8	33.2	79	70.2
I	Mar 2015	707	11.5	447.89	578	10	79.76	108.0	49.6	90	70.2
C	Apr 2015	752	12.6	448.09	582	4	80.20	120.0	52.5	100	69.8
A	May 2015	559	9.1	448.50	590	8	81.62	112.8	39.5	94	70.7
L	Jun 2015	615	10.3	448.89	597	7	79.48	120.0	43.6	100	70.8
*	Jul 2015	592	9.6	447.99	580	-17	81.75	120.0	41.8	100	70.7
	Aug 2015	559	9.1	448.00	580	0	75.37	120.0	36.6	100	65.5
	Sep 2015	524	8.8	447.50	571	-9	75.13	120.0	34.2	100	65.2
	WY 2015	**6152**							**426.0**		
	Oct 2015	485	7.9	447.50	570	0	76.23	91.2	32.0	76	66.0
	Nov 2015	371	6.2	447.50	571	0	75.74	100.8	24.0	84	64.8
	Dec 2015	295	4.8	446.50	552	-19	74.40	120.0	18.5	100	62.7
	Jan 2016	349	5.7	446.50	552	0	75.01	96.0	22.3	80	64.0
	Feb 2016	440	7.7	446.50	552	0	75.13	93.6	28.7	78	65.1
	Mar 2016	731	11.9	446.70	555	4	74.01	120.0	47.5	100	65.0
	Apr 2016	786	13.2	448.70	593	38	75.08	120.0	51.8	100	66.0
	May 2016	706	11.5	448.70	593	0	76.05	120.0	46.9	100	66.5
	Jun 2016	702	11.8	448.70	593	0	76.05	120.0	46.7	100	66.5
	Jul 2016	704	11.4	448.00	580	-13	75.71	120.0	46.6	100	66.2
	Aug 2016	597	9.7	447.50	571	-9	75.13	120.0	39.1	100	65.4
	Sep 2016	542	9.1	447.50	570	0	74.89	120.0	35.3	100	65.1
	WY 2016	**6708**							**439.6**		
	Oct 2016	452	7.4	447.50	571	0	75.74	100.8	29.6	84	65.3
	Nov 2016	369	6.2	447.50	571	0	75.92	97.2	23.9	81	64.9
	Dec 2016	278	4.5	446.50	552	-19	74.40	120.0	17.4	100	62.5
	Jan 2017	347	5.6	446.50	552	0	75.13	93.6	22.2	78	64.1
	Feb 2017	438	7.9	446.50	552	0	74.71	102.0	28.4	85	64.8
	Mar 2017	730	11.9	446.70	555	4	74.01	120.0	47.4	100	65.0
	Apr 2017	784	13.2	448.70	593	38	75.08	120.0	51.7	100	66.0
	May 2017	704	11.4	448.70	593	0	76.05	120.0	46.8	100	66.5
	Jun 2017	700	11.8	448.70	593	0	76.05	120.0	46.6	100	66.5
	Jul 2017	702	11.4	448.00	580	-13	75.71	120.0	46.5	100	66.2

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2015 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
*	Aug 2014	353	48	31	37	21	9
H	Sep 2014	266	46	23	29	16	2
	Summer 2014	**1643**	**255**	**169**	**243**	**106**	**37**
I	Oct 2014	264	36	18	17	14	7
S	Nov 2014	281	30	7	7	4	6
T	Dec 2014	377	43	15	19	11	6
O	Jan 2015	373	48	16	20	10	6
R	Feb 2015	254	44	8	10	2	5
I	Mar 2015	278	48	7	9	5	6
	Winter 2015	**1827**	**250**	**72**	**83**	**46**	**37**
C	Apr 2015	256	28	13	17	11	7
A	May 2015	299	65	21	30	18	8
L	Jun 2015	348	40	38	67	21	9
*	Jul 2015	471	42	41	53	22	8
	Aug 2015	322	39	39	46	23	8
	Sep 2015	287	37	37	44	22	3
	Summer 2015	**1984**	**250**	**188**	**257**	**117**	**42**
	Oct 2015	240	39	19	24	13	5
	Nov 2015	239	46	11	13	7	5
	Dec 2015	318	50	30	36	18	5
	Jan 2016	315	49	18	22	12	5
	Feb 2016	255	46	14	18	10	4
	Mar 2016	254	33	8	11	6	4
	Winter 2016	**1621**	**263**	**98**	**125**	**66**	**29**
	Apr 2016	234	31	11	18	10	5
	May 2016	257	48	36	52	23	7
	Jun 2016	325	57	15	25	17	8
	Jul 2016	410	35	30	35	19	10
	Aug 2016	427	35	39	46	23	10
	Sep 2016	323	34	37	44	22	7
	Summer 2016	**1975**	**241**	**169**	**221**	**115**	**45**
	Oct 2016	241	35	18	22	12	6
	Nov 2016	240	34	7	9	5	5
	Dec 2016	319	35	29	36	18	5
	Jan 2017	316	35	25	31	16	5
	Feb 2017	256	31	17	23	11	4
	Mar 2017	255	35	7	11	6	4
	Winter 2017	**1372**	**170**	**96**	**121**	**62**	**25**
	Apr 2017	236	34	11	18	11	5
	May 2017	260	42	34	51	23	7
	Jun 2017	329	82	23	35	22	9
	Jul 2017	417	36	32	39	21	10

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2015 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****										
Aug 2015	254	24	234	11326	11837	17519	29356	254	24	234	511	11326	17519	29356	1500	769	0	31.1
Sep 2015	310	77	271	11596	12254	17465	29719	310	77	271	658	11596	17465	29719	2270	727	0	30.6
Oct 2015	373	148	309	11810	12641	17443	30084	373	148	309	830	11810	17443	30084	3040	535	0	30.3
Nov 2015	430	173	335	11876	12814	17385	30199	430	173	335	938	11876	17385	30199	3810	633	0	30.1
Dec 2015	503	176	337	12018	13035	17420	30455	503	176	337	1016	12018	17420	30455	4580	586	0	30.0
Jan 2016	602	248	343	12335	13529	17172	30701	602	248	343	1193	12335	17172	30701	5350	692	0	29.7
								****EFFECTIVE SPACE****										
Jan 2016	602	248	343	12335	13529	17172	30701	208	248	296	753	12335	17172	30260	5350	692	0	29.7
Feb 2016	696	281	351	12684	14011	17039	31050	302	281	303	886	12684	17039	30608	1500	623	0	29.4
Mar 2016	778	307	351	12880	14316	16974	31289	383	307	303	992	12880	16974	30846	1500	1017	0	29.0
Apr 2016	778	298	314	13045	14435	17304	31739	380	298	259	936	13045	17304	31285	1500	1090	0	28.8
May 2016	746	271	249	12985	14251	17748	32000	341	271	171	783	12985	17748	31517	1500	996	0	29.9
Jun 2016	684	205	154	11770	12813	18095	30907	269	198	38	505	11770	18095	30370	1500	924	0	31.3
Jul 2016	532	28	198	10494	11252	18265	29517	105	-2	29	132	10494	18265	28890	1500	874	0	31.2
								****CREDITABLE SPACE****										
Aug 2016	446	27	226	10755	11454	18172	29625	446	27	226	699	10755	18172	29625	1500	779	0	30.7
Sep 2016	481	94	268	11293	12137	17889	30025	481	94	268	843	11293	17889	30025	2270	718	0	30.3
Oct 2016	536	170	306	11614	12626	17774	30399	536	170	306	1012	11614	17774	30399	3040	478	0	30.1
Nov 2016	583	185	301	11737	12805	17660	30465	583	185	301	1069	11737	17660	30465	3810	623	0	29.9
Dec 2016	629	176	302	11887	12994	17684	30677	629	176	302	1106	11887	17684	30677	4580	552	0	29.8
Jan 2017	690	248	307	12193	13438	17402	30840	690	248	307	1245	12193	17402	30840	5350	699	0	29.6
								****EFFECTIVE SPACE****										
Jan 2017	690	248	307	12193	13438	17402	30840	362	248	176	786	12193	17402	30381	5350	699	0	29.6
Feb 2017	747	307	314	12497	13865	17275	31141	417	307	182	906	12497	17275	30679	1500	627	0	29.4
Mar 2017	790	343	310	12677	14120	17214	31334	458	343	178	979	12677	17214	30870	1500	1025	0	29.1
Apr 2017	788	332	258	12748	14125	17552	31677	451	332	119	902	12748	17552	31202	1500	1098	0	29.1
May 2017	753	297	185	12511	13746	18003	31749	410	297	24	731	12511	18003	31245	1500	1004	0	30.2
Jun 2017	632	207	216	11169	12225	18357	30582	278	201	18	497	11169	18357	30023	1500	931	0	31.7
Jul 2017	480	44	292	9746	10561	18534	29095	112	16	40	168	9746	18534	28448	1500	881	0	31.8

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