November 24-Month Study
Date: November 12, 2015

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

Current Reservoir Status

Reservoir	October Inflow (unregulated) (acre-feet)	Percent of Average (%)	November 11, Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	46,000	95	6490.95	233,000
Flaming Gorge	47,000	80	6030.03	3,350,000
Blue Mesa	33,000	87	7501.45	673,000
Navajo	42,000	90	6063.71	1,396,000
Powell	535,000	104	3606.22	12,354,000

Expected Operations

The operation of Lake Powell and Lake Mead in this November 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) and the draft 2016 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 November 2015 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 years 2015 and 2016.

The 2016 operating determinations for Lake Powell and Lake Mead will be documented in the 2016 AOP, which is currently in the final stages of development.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2015 AOP is available for download at:
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP15.pdf.
The draft 2016 AOP is available for download at:
http://www.usbr.gov/lc/region/g4000/AOP2016/AOP16_draft.pdf.

Fontenelle Reservoir – Fontenelle is currently at elevation 6491.0 feet, which amounts to 68 percent of live storage capacity. Inflows for the month of October totaled 46,000 AF, or 95 percent of average. Recent daily inflow averages have ranged from 620 cfs to 860 cfs.

Reservoir releases were reduced to 950 cfs on Monday, October 19, 2015. The Colorado Basin River Forecast Center has forecasted winter inflows that are slightly below average. November, December and January forecasted inflow volumes amount to 38,000 AF (90% of average), 30,000 AF (94% of average), and 27,000 AF (89% 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 an average daily base flow of 2,200 cfs. It is anticipated that releases will remain at 2,200 cfs through February 29, 2016. Base flow releases are subject to observed hydrology and all projections may change.

Unregulated inflow into Flaming Gorge Reservoir during the month of October was 47,000 acre-feet (AF), or 80 percent of average. The reservoir elevation is 6,030 feet and decreasing. Observed inflows are averaging 1,190 cubic feet per second (cfs).
Inflows for the next three months are projected to be below average: with November, December and January forecasted inflow volumes at 44,000 AF (86% of average), 30,000 AF (86% of average), and 35,000 AF (87% of average), respectively.

The next Flaming Gorge Working Group meeting is scheduled for April 21, 2016, 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 – October unregulated inflow into Blue Mesa Reservoir was 33,000 acre-feet or 87 percent of average. Precipitation during October was observed to be about 95 percent of average. The current inflow rate into Blue Mesa Reservoir is about 600 cfs while reservoir releases are averaging about 500 cfs. Blue Mesa's present elevation is 7501.43 feet, which corresponds to a storage content of about 673,000 acre-feet. The unregulated reservoir inflow into Blue Mesa Reservoir during water year 2015 was 1.04 million acre-feet, or about 109 percent of average.

Releases from Crystal are currently set at 600 cfs. The Gunnison Diversion Tunnel was shut down for the season on October 31st, with exception of some small 50 to 100 cfs diversions taken bi-weekly for municipal water needs in Montrose, Colorado. River flows below the tunnel are essentially the same as releases from the Dam. With Blue Mesa Reservoir being above the winter target elevation of 7490 feet, Aspinall reservoir releases maybe increasing over the remainder of November through December to help meet icing target.

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 1050 cfs for September through December. Flows in the lower Gunnison River are currently above the baseflow target of 1050 cfs.

On November 2, 2015, the National Weather Service's River Forecasting Center issued its forecasted inflow into Blue Mesa for the next 3 months. The unregulated inflow forecast for November, December, and January is for 80,000 acre-feet, which is 99% of average for these months.

The next operation meeting is scheduled for 1:00 p.m., Thursday, January 21st, 2016 at the Holiday Inn Express in Montrose, Colorado. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2016 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 – Navajo Reservoir - As of November 12th, Navajo is 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 6063.4 ft of pool elevation and 1,392,037 acre-feet of storage by the end of October, which was 101% of average for the end of the month. Modified unregulated inflow into Navajo was 42,061 acre-feet, which was 89% of average for the month. Calculated evaporation for the month was 1,784 acre-ft. NIIP diverted a total of 9,179 acre-ft. The release averaged close to 470 cfs throughout the month. Precipitation at the dam totaled 2.59 inches (211% of average).

As of November 2nd, the release at Navajo (as measured at the USGS at Archuleta gage) was 438 cfs, and the observed inflow is 790 cfs. NIIP has shut off diversions for the season. The reservoir elevation is 6063.53 feet and the content is 1,393,348 acre-feet, or 82% full (70% of Active), and gaining storage. The San Juan River at Four Corners USGS gage is at 799 cfs, and the Animas River at Farmington USGS gage is at 453 cfs. SNOTEL sites above Navajo are showing 0.4 inches of SWE (25% of median on this date).

The most probable modified-unregulated inflow forecast for November at Navajo is 32,000 acre-feet (89% of average), for December is 23,000 acre-feet (92% of average), and for January is 20,000 acre-feet (91% of average).

The most probable forecast shows the reservoir will reach a minimum overwinter storage level near 6062.63 feet (1,382,000 acre-feet) in February of 2016.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow to Lake Powell in October was 535 kaf (104% of average). The release volume from Glen Canyon Dam in October was 600 kaf. The end of October elevation and storage of Lake Powell were 3,606.4 feet (94 feet from full pool) and 12.4 maf (51% of full capacity), respectively. The water year 2015 unregulated inflow to Lake Powell was 10.17 million acre-feet (maf) (94% of average). The water year 2015 release from Lake Powell was 9.0 maf. The reservoir elevation peaked at 3,614 feet on July 14, 2015 and is now in its seasonal decline through the fall and winter months.

Current Operations

The operating tier for water year 2016, established in August 2015, is the Upper Elevation Balancing Tier, 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 November 2015, the release volume will be approximately 600 thousand acre-feet (kaf), with fluctuations anticipated between approximately 7,000 cfs and 13,000 cfs and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for December is approximately 900 kaf with daily fluctuations between approximately 11,000 cfs and 19,000 cfs. The expected release for January is 900 kaf with daily fluctuations between approximately 11,000 cfs and 19,000 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 November 2, 2015, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume next year will be 8.39 maf (77% of average). This is a slight decrease (60 kaf) from the October forecast for water year 2016. 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 6.2 maf (57%) to a maximum probable of 16.0 maf (148%). 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 November 24-Month Study projects Lake Powell elevation will end water year 2016 near 3,598 feet with approximately 11.6 maf in storage (46% 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 October, are 3,581 feet (10.0 maf, 43% capacity) and 3,639 feet (15.9 maf, 65% 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 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. The minimum and maximum probable scenarios will be updated again in January.

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, total water year 2016 unregulated inflows to Lake Powell is projected to be 8.39 maf (77% of average).

At the beginning of water year 2016, total system storage in the Colorado River Basin was 30.3 maf (51% of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water 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 29.0 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 next season's snowpack and resulting runoff and reservoir inflow. Based on the October minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2016 total system capacity is approximately 26.8 maf (45%) to 36.4 maf (61%), 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

****

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			oct	Forecast		
:	jul	aug	sep	oct	%Avg	nov	dec	jan
GLDA3:Lake Powell	1072	313	276	535	104%:	400/	280/	280/
GBRW4:Fontenelle	126	53	37	46	95%:	38/	30/	27/
GRNU1:Flaming Gorge	157	56	39	47	80%:	44/	30/	35/
BMDC2:Blue Mesa	131	59	39	33	87%:	30/	26/	24/
MPSC2:Morrow Point	135	60	39	34	84%:	31/	26/	24/
CLSC2:Crystal	143	63	42	37	79%:	35/	29/	27/
TPIC2:Taylor Park	22	9.7	7.7	7.4	111%:	5.5/	5/	4.5/
VCRC2:Vallecito	37	12.9	10.7	16.8	107%:	10/	6.5/	5.5/
NVRN5:Navajo	76	14.8	15.4	42	90%:	32/	23/	20/
LEMC2:Lemon	7.5	2.1	1.60	3.1	97%:	1.7/	1.1/	0.9/
MPHC2:McPhee	26	7.3	6.8	5.3	60%:	5.5/	4/	3.5/
RBSC2:Ridgway	24	10.6	6.5	6.2	80%:	5/	4.4/	3.9/

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 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)
*	Nov 2014	53	1	69	1	69	6499.16	292
H	Dec 2014	51	1	77	0	77	6495.49	265
I	Jan 2015	46	1	77	0	77	6490.98	234
S	Feb 2015	46	1	69	1	69	6487.37	210
T	Mar 2015	70	1	78	0	78	6486.00	201
O	Apr 2015	87	1	102	0	103	6483.35	185
R	May 2015	223	2	104	4	108	6499.95	298
I	Jun 2015	332	3	101	229	330	6499.84	297
C	Jul 2015	126	3	91	17	108	6501.77	312
A	Aug 2015	53	2	83	1	84	6497.37	279
L	Sep 2015	37	2	0	61	61	6493.88	254
	WY 2015	**1210**	**16**	**930**	**324**	**1254**		
*	Oct 2015	46	1	46	15	61	6491.60	238
	Nov 2015	38	1	57	0	57	6488.64	219
	Dec 2015	30	1	58	0	58	6484.11	190
	Jan 2016	27	1	58	0	58	6478.42	158
	Feb 2016	27	0	55	0	55	6472.57	130
	Mar 2016	45	0	58	0	58	6469.38	117
	Apr 2016	70	1	74	0	74	6468.18	112
	May 2016	140	1	96	14	111	6474.61	140
	Jun 2016	280	2	101	19	120	6499.87	298
	Jul 2016	170	3	101	21	122	6505.72	343
	Aug 2016	67	2	74	0	74	6504.58	334
	Sep 2016	41	2	70	0	70	6500.62	304
	WY 2016	**981**	**15**	**848**	**70**	**918**		
	Oct 2016	45	1	71	0	71	6497.02	277
	Nov 2016	41	1	68	0	68	6493.00	248
	Dec 2016	32	1	71	0	71	6487.06	209
	Jan 2017	30	1	71	0	71	6480.22	168
	Feb 2017	28	0	64	0	64	6472.77	131
	Mar 2017	53	0	71	0	71	6468.47	113
	Apr 2017	85	1	74	0	74	6470.95	123
	May 2017	164	1	99	5	105	6482.54	181
	Jun 2017	299	2	103	63	167	6501.65	311
	Jul 2017	178	3	100	42	141	6505.90	345
	Aug 2017	77	2	100	5	105	6502.05	315
	Sep 2017	46	2	101	0	101	6494.30	257
	WY 2017	**1077**	**15**	**992**	**115**	**1108**		
	Oct 2017	49	1	105	0	105	6485.74	200

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

Model Run ID: 2210

Processed On: 11/10/2015 5:22:38PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 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)
*	Nov 2014	65	81	4	77	0	77	133	6028.63	3296	134
H	Dec 2014	53	79	2	113	0	113	131	6027.71	3262	164
I	Jan 2015	67	98	2	124	0	124	130	6026.99	3234	171
S	Feb 2015	63	86	2	113	0	113	129	6026.25	3207	168
T	Mar 2015	77	85	3	124	0	124	127	6025.15	3166	219
O	Apr 2015	112	127	5	73	0	73	129	6026.41	3213	252
R	May 2015	333	218	8	169	57	226	129	6026.01	3198	652
I	Jun 2015	434	432	11	100	0	100	141	6034.01	3506	482
C	Jul 2015	157	140	14	104	0	104	142	6034.55	3528	195
A	Aug 2015	56	87	13	104	0	104	141	6033.81	3498	130
L	Sep 2015	39	62	11	100	1	101	139	6032.59	3450	127
	WY 2015	**1562**	**1606**	**82**	**1293**	**58**	**1352**				**2853**
*	Oct 2015	48	63	7	131	0	131	136	6030.73	3377	162
	Nov 2015	44	63	4	131	0	131	133	6028.94	3308	152
	Dec 2015	30	58	2	135	0	135	130	6026.94	3233	154
	Jan 2016	35	66	2	135	0	135	127	6025.12	3165	151
	Feb 2016	40	68	2	127	0	127	125	6023.52	3106	144
	Mar 2016	88	101	3	52	0	52	127	6024.75	3151	105
	Apr 2016	115	119	5	48	0	48	129	6026.48	3215	198
	May 2016	185	156	8	110	0	110	131	6027.44	3251	530
	Jun 2016	340	180	10	150	0	150	132	6027.94	3270	530
	Jul 2016	200	152	14	95	0	95	133	6029.02	3311	151
	Aug 2016	78	85	13	95	0	95	132	6028.44	3289	112
	Sep 2016	50	79	11	92	0	92	131	6027.82	3265	103
	WY 2016	**1253**	**1190**	**80**	**1302**	**0**	**1302**				**2493**
	Oct 2016	55	81	7	95	0	95	131	6027.26	3245	119
	Nov 2016	50	77	3	92	0	92	130	6026.80	3227	119
	Dec 2016	35	74	2	95	0	95	129	6026.19	3205	121
	Jan 2017	40	81	2	95	0	95	128	6025.77	3189	120
	Feb 2017	45	81	2	86	0	86	128	6025.58	3182	114
	Mar 2017	102	120	3	95	0	95	129	6026.15	3203	172
	Apr 2017	134	122	5	92	0	92	130	6026.80	3227	307
	May 2017	245	186	8	150	0	150	131	6027.53	3255	682
	Jun 2017	390	257	10	187	0	187	133	6029.03	3312	608
	Jul 2017	210	174	14	98	0	98	136	6030.58	3371	198
	Aug 2017	89	117	13	98	0	98	136	6030.71	3376	124
	Sep 2017	55	110	11	95	0	95	136	6030.80	3380	114
	WY 2017	**1449**	**1480**	**80**	**1281**	**0**	**1281**				**2798**
	Oct 2017	59	115	7	98	0	98	136	6031.03	3389	131

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

Model Run ID: 2210

Processed On: 11/10/2015 5:22:38PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 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)
*	Nov 2014	7	6	9315.85	80
H	Dec 2014	6	6	9315.74	79
I	Jan 2015	6	6	9315.48	79
S	Feb 2015	4	5	9314.94	78
T	Mar 2015	7	6	9315.31	79
O	Apr 2015	9	6	9317.32	82
R	May 2015	19	10	9321.95	91
I	Jun 2015	61	49	9328.14	102
C	Jul 2015	22	29	9324.75	96
A	Aug 2015	10	23	9317.56	83
L	Sep 2015	8	19	9311.10	72
	WY 2015	**167**	**172**		
*	Oct 2015	7	8	9310.71	71
	Nov 2015	6	6	9310.40	71
	Dec 2015	5	6	9309.77	70
	Jan 2016	5	6	9308.82	68
	Feb 2016	4	6	9307.52	66
	Mar 2016	4	6	9306.21	64
	Apr 2016	7	6	9306.87	65
	May 2016	23	6	9317.25	82
	Jun 2016	36	18	9326.91	100
	Jul 2016	14	20	9323.81	94
	Aug 2016	8	18	9318.38	84
	Sep 2016	6	14	9313.76	76
	WY 2016	**124**	**120**		
	Oct 2016	6	12	9309.98	70
	Nov 2016	5	6	9309.21	69
	Dec 2016	5	6	9308.37	67
	Jan 2017	4	6	9307.29	66
	Feb 2017	4	6	9305.84	63
	Mar 2017	4	6	9304.79	62
	Apr 2017	9	6	9306.64	65
	May 2017	28	14	9315.48	79
	Jun 2017	42	21	9326.73	100
	Jul 2017	20	21	9326.29	99
	Aug 2017	10	20	9321.19	89
	Sep 2017	7	16	9316.37	80
	WY 2017	**144**	**140**		
	Oct 2017	7	12	9313.23	75

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

Model Run ID: 2210

Processed On: 11/10/2015 5:22:38PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2015 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2014	37	36	0	27	0	27	7491.85	596
H	Dec 2014	34	34	0	55	0	55	7489.11	574
I	Jan 2015	30	30	0	58	0	58	7485.48	547
S	Feb 2015	28	29	0	29	0	29	7485.47	547
T	Mar 2015	54	53	0	26	0	26	7488.96	573
O	Apr 2015	73	70	1	45	0	45	7492.04	597
R	May 2015	136	128	1	71	0	71	7498.96	653
I	Jun 2015	368	356	1	125	62	192	7517.76	815
C	Jul 2015	131	137	2	135	10	145	7516.74	806
A	Aug 2015	59	73	1	105	0	105	7512.97	772
L	Sep 2015	39	50	1	95	0	95	7507.65	726
	WY 2015	**1042**	**1047**	**9**	**835**	**72**	**912**		
*	Oct 2015	33	34	1	87	0	87	7501.39	673
	Nov 2015	30	31	0	45	0	45	7499.60	658
	Dec 2015	26	27	0	104	0	104	7490.00	581
	Jan 2016	24	26	0	59	0	59	7485.61	548
	Feb 2016	21	23	0	40	0	40	7483.32	530
	Mar 2016	31	33	0	34	0	34	7483.13	529
	Apr 2016	66	65	1	47	0	47	7485.43	546
	May 2016	170	153	1	121	0	121	7489.48	577
	Jun 2016	195	177	1	58	0	58	7504.04	695
	Jul 2016	75	81	1	93	0	93	7502.43	681
	Aug 2016	48	58	1	107	0	107	7496.32	631
	Sep 2016	37	45	1	94	0	94	7490.01	581
	WY 2016	**756**	**752**	**8**	**888**	**0**	**888**		
	Oct 2016	38	44	1	47	0	47	7489.53	578
	Nov 2016	31	32	0	17	0	17	7491.43	592
	Dec 2016	26	27	0	38	0	38	7490.00	581
	Jan 2017	24	26	0	65	0	65	7484.88	542
	Feb 2017	22	25	0	60	0	60	7480.07	507
	Mar 2017	36	38	0	32	0	32	7480.78	512
	Apr 2017	77	74	1	42	0	42	7485.04	543
	May 2017	221	207	1	110	0	110	7497.27	639
	Jun 2017	261	240	1	79	0	79	7516.01	799
	Jul 2017	117	118	2	113	0	113	7516.40	803
	Aug 2017	63	73	1	122	0	122	7510.76	752
	Sep 2017	38	47	1	116	0	116	7502.51	682
	WY 2017	**954**	**950**	**9**	**841**	**0**	**841**		
	Oct 2017	38	44	1	47	0	47	7502.04	678

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

Model Run ID: 2210

Processed On: 11/10/2015 5:22:38PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 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)
*	Nov 2014	38	27	2	29	23	0	26	7154.03	112
H	Dec 2014	35	55	1	56	56	0	56	7153.68	112
I	Jan 2015	30	58	1	58	60	0	60	7152.01	111
S	Feb 2015	29	29	1	30	31	0	31	7151.25	110
T	Mar 2015	56	26	3	29	28	0	28	7151.69	110
O	Apr 2015	79	45	6	50	51	0	51	7150.61	110
R	May 2015	151	71	15	86	84	0	84	7153.24	112
I	Jun 2015	388	192	20	212	188	0	211	7154.42	113
C	Jul 2015	135	145	3	148	148	0	148	7154.93	113
A	Aug 2015	60	105	0	105	106	0	106	7153.74	112
L	Sep 2015	39	95	0	95	103	0	103	7143.98	104
	WY 2015	**1095**	**912**	**53**	**965**	**926**	**0**	**972**		
*	Oct 2015	34	87	0	87	93	0	93	7135.56	98
	Nov 2015	31	45	1	46	32	0	32	7153.73	112
	Dec 2015	26	104	0	104	104	0	104	7153.73	112
	Jan 2016	24	59	0	59	59	0	59	7153.73	112
	Feb 2016	23	40	2	42	42	0	42	7153.73	112
	Mar 2016	34	34	3	37	37	0	37	7153.73	112
	Apr 2016	75	47	9	56	56	0	56	7153.73	112
	May 2016	190	121	20	141	141	0	141	7153.73	112
	Jun 2016	210	58	15	73	73	0	73	7153.73	112
	Jul 2016	78	93	3	96	96	0	96	7153.73	112
	Aug 2016	50	107	2	109	109	0	109	7153.73	112
	Sep 2016	39	94	2	96	96	0	96	7153.73	112
	WY 2016	**814**	**888**	**57**	**945**	**938**	**0**	**938**		
	Oct 2016	40	47	2	49	49	0	49	7153.73	112
	Nov 2016	33	17	2	19	19	0	19	7153.73	112
	Dec 2016	28	38	2	40	40	0	40	7153.73	112
	Jan 2017	27	65	2	67	67	0	67	7153.73	112
	Feb 2017	25	60	3	63	63	0	63	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	110	26	136	136	0	136	7153.73	112
	Jun 2017	281	79	20	99	99	0	99	7153.73	112
	Jul 2017	123	113	6	119	119	0	119	7153.73	112
	Aug 2017	67	122	3	125	125	0	125	7153.73	112
	Sep 2017	41	116	3	119	119	0	119	7153.73	112
	WY 2017	**1039**	**841**	**84**	**925**	**925**	**0**	**925**		
	Oct 2017	41	47	3	50	50	0	50	7153.73	112

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

Model Run ID: 2210

Processed On: 11/10/2015 5:22:38PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 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)
*	Nov 2014	43	26	5	30	29	0	30	6748.06	16	0	29
H	Dec 2014	39	56	5	61	61	0	61	6746.42	15	1	62
I	Jan 2015	35	60	5	64	55	9	64	6746.05	15	1	65
S	Feb 2015	34	31	4	35	11	22	33	6751.96	17	0	34
T	Mar 2015	63	28	6	35	35	0	35	6752.00	17	1	34
O	Apr 2015	85	51	7	58	58	0	58	6751.65	17	37	21
R	May 2015	164	84	13	97	90	6	96	6752.09	17	62	36
I	Jun 2015	429	211	41	253	110	78	252	6755.80	18	55	205
C	Jul 2015	143	148	9	156	114	44	158	6751.21	16	65	95
A	Aug 2015	63	106	4	110	110	0	111	6749.17	16	65	47
L	Sep 2015	42	103	3	106	96	11	107	6744.61	15	57	49
	WY 2015	**1201**	**972**	**106**	**1078**	**843**	**171**	**1078**			**393**	**705**
*	Oct 2015	37	93	3	96	0	94	94	6750.81	16	51	44
	Nov 2015	35	32	4	36	36	0	36	6753.04	17	0	36
	Dec 2015	29	104	3	107	107	0	107	6753.04	17	0	107
	Jan 2016	27	59	3	62	62	0	62	6753.04	17	0	62
	Feb 2016	27	42	4	46	46	0	46	6753.04	17	0	46
	Mar 2016	39	37	5	42	42	0	42	6753.04	17	5	37
	Apr 2016	85	56	10	66	66	0	66	6753.04	17	30	36
	May 2016	215	141	25	166	134	32	166	6753.04	17	55	111
	Jun 2016	233	73	23	96	96	0	96	6753.04	17	60	36
	Jul 2016	85	96	7	103	103	0	103	6753.04	17	65	38
	Aug 2016	55	109	5	114	114	0	114	6753.04	17	65	49
	Sep 2016	45	96	6	102	102	0	102	6753.04	17	55	47
	WY 2016	**912**	**938**	**98**	**1036**	**907**	**126**	**1033**			**386**	**649**
	Oct 2016	46	49	6	55	55	0	55	6753.04	17	30	25
	Nov 2016	38	19	5	24	24	0	24	6753.04	17	0	24
	Dec 2016	32	40	5	45	45	0	45	6753.04	17	0	45
	Jan 2017	31	67	5	72	72	0	72	6753.04	17	0	72
	Feb 2017	29	63	4	66	66	0	66	6753.04	17	0	66
	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	136	34	170	134	36	170	6753.04	17	55	115
	Jun 2017	315	99	34	133	130	3	133	6753.04	17	60	73
	Jul 2017	138	119	14	133	133	0	133	6753.04	17	65	68
	Aug 2017	75	125	8	134	134	0	134	6753.04	17	65	69
	Sep 2017	47	119	6	125	125	0	125	6753.04	17	55	70
	WY 2017	**1178**	**925**	**140**	**1065**	**1026**	**39**	**1065**			**365**	**699**
	Oct 2017	47	50	6	56	56	0	56	6753.04	17	30	26

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

Model Run ID: 2210

Processed On: 11/10/2015 5:22:38PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 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)
*	Nov 2014	10	3	7652.74	94
H	Dec 2014	6	4	7653.53	96
I	Jan 2015	6	5	7654.18	97
S	Feb 2015	7	4	7655.19	100
T	Mar 2015	13	12	7655.67	101
O	Apr 2015	19	11	7658.49	108
R	May 2015	43	31	7662.94	120
I	Jun 2015	106	103	7664.05	123
C	Jul 2015	37	42	7661.73	117
A	Aug 2015	13	35	7652.83	94
L	Sep 2015	11	29	7645.08	75
	WY 2015	**294**	**285**		
*	Oct 2015	17	15	7645.65	77
	Nov 2015	10	2	7648.85	84
	Dec 2015	7	2	7650.89	89
	Jan 2016	6	2	7652.48	93
	Feb 2016	5	1	7653.88	96
	Mar 2016	8	2	7656.36	103
	Apr 2016	25	4	7664.10	123
	May 2016	71	71	7664.10	123
	Jun 2016	70	69	7664.10	123
	Jul 2016	26	41	7658.01	107
	Aug 2016	18	38	7649.92	87
	Sep 2016	15	29	7643.63	72
	WY 2016	**277**	**277**		
	Oct 2016	14	16	7642.52	70
	Nov 2016	8	1	7645.54	76
	Dec 2016	6	2	7647.58	81
	Jan 2017	5	2	7649.17	85
	Feb 2017	5	1	7650.53	88
	Mar 2017	9	2	7653.33	95
	Apr 2017	23	1	7661.71	117
	May 2017	71	65	7664.10	123
	Jun 2017	70	70	7664.07	123
	Jul 2017	29	42	7659.11	110
	Aug 2017	20	38	7651.79	91
	Sep 2017	17	30	7646.54	79
	WY 2017	**279**	**269**		
	Oct 2017	16	17	7645.77	77

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

Model Run ID: 2210

Processed On: 11/10/2015 5:22:38PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 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)
*	Nov 2014	28	0	21	1	0	21	6038.43	1096	46
H	Dec 2014	19	0	17	1	0	21	6037.94	1091	45
I	Jan 2015	23	0	21	1	0	21	6037.90	1090	42
S	Feb 2015	28	1	25	1	0	19	6038.43	1096	41
T	Mar 2015	86	7	79	1	3	20	6043.43	1150	57
O	Apr 2015	80	8	63	2	20	21	6045.22	1170	39
R	May 2015	178	24	144	3	23	21	6053.44	1267	92
I	Jun 2015	285	38	241	4	20	22	6068.60	1461	253
C	Jul 2015	76	9	71	5	39	27	6068.68	1462	92
A	Aug 2015	15	1	36	4	33	42	6065.47	1419	65
L	Sep 2015	15	0	33	3	25	33	6063.41	1392	66
	WY 2015	**900**	**90**	**797**	**27**	**170**	**289**			**904**
*	Oct 2015	42	1	40	2	9	29	6063.43	1392	
	Nov 2015	32	1	24	1	0	21	6063.54	1393	38
	Dec 2015	23	0	18	1	0	22	6063.22	1389	36
	Jan 2016	20	0	16	1	0	22	6062.75	1383	34
	Feb 2016	25	0	21	1	0	20	6062.77	1383	31
	Mar 2016	78	2	70	2	5	22	6065.89	1425	39
	Apr 2016	152	16	116	3	20	21	6071.16	1497	73
	May 2016	270	39	231	4	34	104	6077.38	1586	242
	Jun 2016	195	32	162	5	49	150	6074.51	1544	283
	Jul 2016	42	7	51	5	53	36	6071.48	1501	90
	Aug 2016	33	1	51	4	44	48	6068.27	1457	80
	Sep 2016	35	1	48	3	24	91	6063.10	1388	116
	WY 2016	**947**	**99**	**848**	**30**	**238**	**585**			**1061**
	Oct 2016	41	2	42	2	9	24	6063.70	1396	47
	Nov 2016	31	1	24	1	0	21	6063.85	1398	38
	Dec 2016	25	0	20	1	0	22	6063.70	1396	37
	Jan 2017	22	0	18	1	0	22	6063.39	1391	35
	Feb 2017	30	0	27	1	0	19	6063.88	1398	32
	Mar 2017	92	2	83	2	5	22	6067.99	1453	44
	Apr 2017	170	15	133	3	20	47	6072.63	1517	99
	May 2017	277	41	229	4	34	231	6069.80	1478	377
	Jun 2017	224	33	190	4	49	212	6064.23	1403	363
	Jul 2017	66	7	71	5	53	22	6063.64	1395	89
	Aug 2017	45	2	62	4	45	22	6062.94	1386	61
	Sep 2017	43	1	55	3	25	25	6063.05	1387	58
	WY 2017	**1067**	**104**	**953**	**29**	**238**	**687**			**1280**
	Oct 2017	47	2	47	2	9	22	6064.11	1401	50

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

Model Run ID: 2210

Processed On: 11/10/2015 5:22:38PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 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)
*	Nov 2014	423	420	32	645	132	777	3601.87	5008	11929	780
H	Dec 2014	409	465	25	864	0	864	3597.75	4977	11537	880
I	Jan 2015	348	449	8	862	0	862	3593.57	4945	11147	878
S	Feb 2015	424	464	8	589	0	589	3592.23	4936	11024	595
T	Mar 2015	552	543	14	649	0	649	3591.02	4927	10913	656
O	Apr 2015	639	539	21	600	0	600	3590.18	4921	10837	610
R	May 2015	1613	1431	25	699	0	699	3597.27	4973	11491	708
I	Jun 2015	3389	2570	44	800	0	800	3613.54	5101	13090	801
C	Jul 2015	1072	1002	55	1048	0	1048	3612.62	5093	12996	1079
A	Aug 2015	313	466	54	799	0	799	3609.07	5065	12637	821
L	Sep 2015	276	435	49	714	0	714	3606.01	5040	12333	732
	WY 2015	**10174**	**9419**	**368**	**8868**	**132**	**9000**				**9154**
*	Oct 2015	535	680	34	600	0	600	3606.44	5044	12375	617
	Nov 2015	400	478	32	600	0	600	3604.98	5032	12232	606
	Dec 2015	280	461	25	900	0	900	3600.55	4998	11802	906
	Jan 2016	280	417	8	900	0	900	3595.74	4962	11348	909
	Feb 2016	320	421	8	700	0	700	3592.86	4940	11082	705
	Mar 2016	500	417	14	650	0	650	3590.37	4922	10854	656
	Apr 2016	800	618	21	600	0	600	3590.34	4922	10851	610
	May 2016	1700	1483	26	700	0	700	3597.91	4978	11552	708
	Jun 2016	2200	1909	43	800	0	800	3608.10	5057	12540	809
	Jul 2016	700	667	52	950	0	950	3604.95	5032	12229	965
	Aug 2016	350	487	51	900	0	900	3600.51	4998	11799	917
	Sep 2016	320	500	46	700	0	700	3598.11	4979	11571	712
	WY 2016	**8385**	**8537**	**360**	**9000**	**0**	**9000**				**9120**
	Oct 2016	438	480	32	600	0	600	3596.62	4968	11431	609
	Nov 2016	439	458	30	600	0	600	3594.91	4955	11271	606
	Dec 2016	363	432	24	800	0	800	3590.96	4926	10908	806
	Jan 2017	361	456	7	800	0	800	3587.36	4900	10583	809
	Feb 2017	393	461	8	650	0	650	3585.31	4886	10402	655
	Mar 2017	665	591	13	650	0	650	3584.55	4880	10335	656
	Apr 2017	1056	890	21	600	0	600	3587.37	4900	10584	610
	May 2017	2343	2165	26	650	0	650	3602.22	5011	11963	658
	Jun 2017	2666	2352	45	800	0	800	3616.15	5122	13359	809
	Jul 2017	1091	991	56	1000	0	1000	3615.57	5118	13299	1015
	Aug 2017	500	592	55	1050	0	1050	3610.92	5080	12824	1067
	Sep 2017	408	534	50	800	0	800	3608.01	5056	12531	813
	WY 2017	**10723**	**10403**	**365**	**9000**	**0**	**9000**				**9113**
	Oct 2017	512	546	34	600	0	600	3607.20	5050	12450	600

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

Model Run ID: 2210

Processed On: 11/10/2015 5:22:38PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2015 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)
*	Nov 2014	777	44	43	695	11.7	13	692	670	1083.57	10309
H	Dec 2014	864	56	37	493	8.0	8	492	693	1087.79	10667
I	Jan 2015	862	73	31	832	13.5	6	832	697	1088.51	10729
S	Feb 2015	589	90	28	600	10.8	8	599	700	1088.98	10769
T	Mar 2015	649	57	31	1034	16.8	14	1033	677	1084.87	10419
O	Apr 2015	600	26	38	1087	18.3	20	1086	646	1079.03	9931
R	May 2015	699	25	43	869	14.1	25	862	632	1076.57	9729
I	Jun 2015	800	16	52	868	14.6	25	868	624	1075.08	9607
C	Jul 2015	1048	80	65	767	12.5	28	766	641	1078.15	9858
A	Aug 2015	799	114	70	803	13.1	27	802	642	1078.31	9871
L	Sep 2015	714	73	58	723	12.1	25	722	641	1078.10	9854
	WY 2015	**9000**	**723**	**540**	**9244**		**222**	**9216**			
*	Oct 2015	600	119	42	578	9.4	21	582	645	1078.99	9927
	Nov 2015	600	50	42	635	10.7	12	635	643	1078.55	9891
	Dec 2015	900	96	37	548	8.9	8	548	668	1083.11	10270
	Jan 2016	900	72	30	698	11.3	8	698	682	1085.74	10492
	Feb 2016	700	77	28	567	9.9	7	567	693	1087.66	10656
	Mar 2016	650	61	31	1031	16.8	15	1031	670	1083.61	10312
	Apr 2016	600	76	38	1105	18.6	21	1105	640	1078.09	9854
	May 2016	700	49	43	1010	16.4	29	1010	620	1074.26	9541
	Jun 2016	800	23	52	939	15.8	30	939	608	1071.96	9356
	Jul 2016	950	67	64	888	14.4	31	888	610	1072.36	9388
	Aug 2016	900	127	68	792	12.9	29	792	619	1073.96	9517
	Sep 2016	700	114	57	733	12.3	16	733	619	1074.05	9524
	WY 2016	**9000**	**932**	**532**	**9525**		**226**	**9528**			
	Oct 2016	600	61	41	492	8.0	20	492	626	1075.30	9625
	Nov 2016	600	50	41	615	10.3	11	615	625	1075.11	9610
	Dec 2016	800	96	36	543	8.8	7	543	644	1078.67	9901
	Jan 2017	800	72	30	701	11.4	8	701	652	1080.17	10025
	Feb 2017	650	77	27	629	11.3	7	629	656	1080.89	10085
	Mar 2017	650	61	31	1027	16.7	15	1027	633	1076.77	9745
	Apr 2017	600	76	37	1100	18.5	21	1100	604	1071.16	9292
	May 2017	650	49	42	1006	16.4	30	1006	581	1066.67	8937
	Jun 2017	800	23	50	933	15.7	30	933	569	1064.38	8758
	Jul 2017	1000	67	62	883	14.4	31	883	575	1065.47	8843
	Aug 2017	1050	127	67	788	12.8	29	788	593	1068.98	9119
	Sep 2017	800	114	56	728	12.2	16	728	600	1070.33	9225
	WY 2017	**9000**	**874**	**520**	**9445**		**227**	**9445**			
	Oct 2017	600	52	41	488	7.9	21	488	606	1071.54	9322

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

Model Run ID: 2210

Processed On: 11/10/2015 5:22:38PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 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)
*	Nov 2014	695	-6	10	629	0	629	10.6	636.32	1520
H	Dec 2014	493	-2	9	445	0	445	7.2	637.75	1558
I	Jan 2015	832	-22	10	660	0	660	10.7	642.98	1698
S	Feb 2015	600	-8	10	625	0	625	11.3	641.43	1656
T	Mar 2015	1034	-21	13	963	0	963	15.7	642.78	1693
O	Apr 2015	1087	-18	17	1022	0	1022	17.2	643.88	1723
R	May 2015	869	-10	22	854	0	854	13.9	643.30	1707
I	Jun 2015	868	-19	26	810	0	810	13.6	643.81	1721
C	Jul 2015	767	-14	25	762	0	762	12.4	642.57	1687
A	Aug 2015	803	-16	23	775	0	775	12.6	642.12	1675
L	Sep 2015	723	-16	18	758	0	758	12.7	639.56	1606
	WY 2015	**9244**	**-142**	**198**	**8945**	**0**	**8945**			
*	Oct 2015	578	-7	15	655	0	655	10.7	635.80	1507
	Nov 2015	635	-11	10	595	0	595	10.0	636.50	1525
	Dec 2015	548	-12	9	468	0	468	7.6	638.70	1583
	Jan 2016	698	-13	10	592	0	592	9.6	641.80	1666
	Feb 2016	567	-13	10	544	0	544	9.5	641.80	1666
	Mar 2016	1031	-15	13	969	0	969	15.8	643.05	1700
	Apr 2016	1105	-19	17	1071	0	1071	18.0	643.00	1699
	May 2016	1010	-15	22	973	0	973	15.8	643.00	1699
	Jun 2016	939	-17	25	924	0	924	15.5	642.00	1671
	Jul 2016	888	-13	25	863	0	863	14.0	641.50	1658
	Aug 2016	792	-10	23	759	0	759	12.3	641.50	1658
	Sep 2016	733	-6	18	749	0	749	12.6	640.01	1617
	WY 2016	**9525**	**-152**	**197**	**9163**	**0**	**9163**			
	Oct 2016	492	1	15	662	0	662	10.8	633.00	1434
	Nov 2016	615	-11	10	543	0	543	9.1	635.00	1486
	Dec 2016	543	-12	9	424	0	424	6.9	638.71	1583
	Jan 2017	701	-13	10	596	0	596	9.7	641.80	1666
	Feb 2017	629	-13	10	606	0	606	10.9	641.80	1666
	Mar 2017	1027	-15	13	965	0	965	15.7	643.05	1700
	Apr 2017	1100	-19	17	1066	0	1066	17.9	643.00	1699
	May 2017	1006	-15	22	969	0	969	15.8	643.00	1699
	Jun 2017	933	-17	25	918	0	918	15.4	642.00	1671
	Jul 2017	883	-13	25	858	0	858	14.0	641.50	1658
	Aug 2017	788	-10	23	755	0	755	12.3	641.50	1658
	Sep 2017	728	-6	18	744	0	744	12.5	640.01	1617
	WY 2017	**9445**	**-143**	**197**	**9104**	**0**	**9104**			
	Oct 2017	488	1	15	658	0	658	10.7	633.00	1434

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

Model Run ID: 2210

Processed On: 11/10/2015 5:22:38PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 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)
*	Nov 2014	629	9	9	351	5.9	102	147	447.77	576	89	1.5
H	Dec 2014	445	18	7	240	3.9	109	132	446.36	549	98	1.6
I	Jan 2015	660	17	6	348	5.7	105	180	448.22	584	146	2.4
S	Feb 2015	625	9	8	473	8.5	54	109	447.38	568	172	3.1
T	Mar 2015	963	3	9	707	11.5	86	146	447.89	578	219	3.6
O	Apr 2015	1022	13	11	752	12.6	104	154	448.09	582	210	3.5
R	May 2015	854	21	13	559	9.1	108	177	448.50	590	113	1.8
I	Jun 2015	810	19	16	615	10.3	104	77	448.89	597	109	1.8
C	Jul 2015	762	17	17	592	9.6	107	70	447.99	580	107	1.7
A	Aug 2015	775	16	17	580	9.4	107	70	448.30	586	93	1.5
L	Sep 2015	758	19	15	487	8.2	104	168	448.04	581	90	1.5
	WY 2015	**8945**	**178**	**140**	**6135**		**1195**	**1566**			**1510**	
*	Oct 2015	655	34	12	458	7.5	101	115	447.88	578	59	1.0
	Nov 2015	595	27	9	398	6.7	96	121	447.50	571	92	1.6
	Dec 2015	468	21	7	292	4.7	81	124	446.50	552	104	1.7
	Jan 2016	592	18	6	347	5.6	87	164	446.50	552	130	2.1
	Feb 2016	544	11	8	438	7.6	19	83	446.50	552	161	2.8
	Mar 2016	969	15	9	729	11.9	95	137	446.70	555	205	3.3
	Apr 2016	1071	23	11	784	13.2	93	160	448.70	593	205	3.4
	May 2016	973	17	13	704	11.4	95	165	448.70	593	113	1.8
	Jun 2016	924	15	16	700	11.8	93	116	448.70	593	111	1.9
	Jul 2016	863	29	17	702	11.4	95	78	448.00	580	119	1.9
	Aug 2016	759	27	17	595	9.7	95	77	447.50	571	100	1.6
	Sep 2016	749	23	15	540	9.1	93	115	447.50	570	89	1.5
	WY 2016	**9163**	**261**	**139**	**6688**		**1043**	**1457**			**1490**	
	Oct 2016	662	25	12	450	7.3	95	122	447.50	571	55	0.9
	Nov 2016	543	27	9	367	6.2	69	119	447.50	571	103	1.7
	Dec 2016	424	21	7	276	4.5	71	106	446.50	552	108	1.7
	Jan 2017	596	18	6	347	5.6	81	174	446.50	552	130	2.1
	Feb 2017	606	11	8	438	7.9	72	93	446.50	552	161	2.9
	Mar 2017	965	15	9	730	11.9	81	147	446.70	555	205	3.3
	Apr 2017	1066	23	11	784	13.2	78	169	448.70	593	205	3.4
	May 2017	969	17	13	704	11.4	81	175	448.70	593	113	1.8
	Jun 2017	918	15	16	700	11.8	78	126	448.70	593	111	1.9
	Jul 2017	858	29	17	702	11.4	81	87	448.00	580	119	1.9
	Aug 2017	755	27	17	595	9.7	81	86	447.50	571	100	1.6
	Sep 2017	744	23	15	540	9.1	78	125	447.50	570	89	1.5
	WY 2017	**9104**	**252**	**139**	**6632**		**946**	**1530**			**1500**	
	Oct 2017	658	25	12	451	7.3	81	132	447.50	571	55	0.9

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

Model Run ID: 2210

Processed On: 11/10/2015 5:22:38PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 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
*	Nov 2014	695	11.7	1083.57	10309	65	437.62	1079.0	270.7	68	389.5
H	Dec 2014	493	8.0	1087.79	10667	358	446.86	889.0	189.0	55	383.3
I	Jan 2015	832	13.5	1088.51	10729	62	441.51	1018.0	333.5	63	400.6
S	Feb 2015	600	10.8	1088.98	10769	40	444.73	848.0	239.1	52	398.4
T	Mar 2015	1034	16.8	1084.87	10419	-350	440.21	952.0	412.2	60	398.7
O	Apr 2015	1087	18.3	1079.03	9931	-488	430.55	1217.0	427.4	76	393.2
R	May 2015	869	14.1	1076.57	9729	-202	432.58	1165.0	337.2	74	388.2
I	Jun 2015	868	14.6	1075.08	9607	-121	427.78	1573.0	332.0	100	382.4
C	Jul 2015	767	12.5	1078.15	9858	251	432.42	1455.0	292.7	94	381.4
A	Aug 2015	803	13.1	1078.31	9871	13	434.75	1451.0	307.8	93	383.4
L	Sep 2015	723	12.1	1078.10	9854	-17	435.36	1563.0	275.2	100	380.7
	WY 2015	**9244**							**3596.9**		
*	Oct 2015	578	9.4	1078.99	9927	73	435.13	757.4	221.8	70	383.6
	Nov 2015	635	10.7	1078.55	9891	-36	433.02	1088.0	245.0	70	386.0
	Dec 2015	548	8.9	1083.11	10270	379	434.33	1069.0	210.2	68	383.8
	Jan 2016	698	11.3	1085.74	10492	222	436.89	969.0	275.8	61	395.3
	Feb 2016	567	9.9	1087.66	10656	164	438.13	975.0	223.5	61	394.1
	Mar 2016	1031	16.8	1083.61	10312	-344	435.28	1162.0	409.3	74	397.0
	Apr 2016	1105	18.6	1078.09	9854	-459	428.78	1333.0	433.8	87	392.4
	May 2016	1010	16.4	1074.26	9541	-313	422.73	1514.0	380.9	100	377.1
	Jun 2016	939	15.8	1071.96	9356	-185	420.02	1502.0	356.3	100	379.5
	Jul 2016	888	14.4	1072.36	9388	32	419.57	1508.0	340.0	100	382.9
	Aug 2016	792	12.9	1073.96	9517	129	420.72	1528.0	300.7	100	379.5
	Sep 2016	733	12.3	1074.05	9524	7	422.05	1536.0	277.7	100	378.8
	WY 2016	**9525**							**3675.1**		
	Oct 2016	492	8.0	1075.30	9625	101	426.24	1338.0	187.7	87	381.7
	Nov 2016	615	10.3	1075.11	9610	-16	428.95	1352.0	236.0	88	383.9
	Dec 2016	543	8.8	1078.67	9901	291	430.71	1084.0	206.3	69	380.1
	Jan 2017	701	11.4	1080.17	10025	125	431.66	995.0	273.7	63	390.3
	Feb 2017	629	11.3	1080.89	10085	60	432.53	884.0	247.2	56	393.3
	Mar 2017	1027	16.7	1076.77	9745	-340	430.42	871.0	413.2	56	402.3
	Apr 2017	1100	18.5	1071.16	9292	-453	421.94	1313.6	424.3	87	385.7
	May 2017	1006	16.4	1066.67	8937	-355	415.54	1491.3	372.4	100	370.2
	Jun 2017	933	15.7	1064.38	8758	-179	412.51	1478.3	347.3	100	372.1
	Jul 2017	883	14.4	1065.47	8843	85	412.40	1484.5	332.0	100	375.9
	Aug 2017	788	12.8	1068.98	9119	275	414.85	1504.3	294.5	100	373.9
	Sep 2017	728	12.2	1070.33	9225	107	417.73	1511.9	272.8	100	374.6
	WY 2017	**9445**							**3607.6**		
	Oct 2017	488	7.9	1071.54	9322	97	422.53	1316.1	184.7	87	378.5

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

Model Run ID: 2210

Processed On: 11/10/2015 5:22:38PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2015 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
*	Nov 2014	629	10.6	636.32	1520	50	136.47	158.1	74.4	62	118.2
H	Dec 2014	445	7.2	637.75	1558	37	134.54	165.8	52.7	65	118.4
I	Jan 2015	660	10.7	642.98	1698	141	141.44	163.2	82.8	64	125.4
S	Feb 2015	625	11.3	641.43	1656	-42	140.07	188.7	79.9	74	127.8
T	Mar 2015	963	15.7	642.78	1693	37	139.75	229.5	123.2	90	128.0
O	Apr 2015	1022	17.2	643.88	1723	30	141.00	255.0	129.5	100	126.8
R	May 2015	854	13.9	643.30	1707	-16	141.92	252.5	110.0	99	128.8
I	Jun 2015	810	13.6	643.81	1721	14	144.85	255.0	104.6	100	129.1
C	Jul 2015	762	12.4	642.57	1687	-34	140.97	255.0	98.4	100	129.1
A	Aug 2015	775	12.6	642.12	1675	-12	142.40	255.0	99.2	100	127.9
L	Sep 2015	758	12.7	639.56	1606	-69	137.76	255.0	95.5	100	126.0
	WY 2015	**8945**							**1122.4**		
*	Oct 2015	655	10.7	635.80	1507	-99	136.05	211.7	79.8	83	121.8
	Nov 2015	595	10.0	636.50	1525	18	131.42	170.9	71.9	67	120.8
	Dec 2015	468	7.6	638.70	1583	58	133.29	160.7	57.6	63	123.0
	Jan 2016	592	9.6	641.80	1666	83	136.31	153.0	73.8	60	124.6
	Feb 2016	544	9.5	641.80	1666	0	136.85	183.6	68.6	72	126.1
	Mar 2016	969	15.8	643.05	1700	34	136.85	204.0	120.7	80	124.5
	Apr 2016	1071	18.0	643.00	1699	-2	136.40	242.3	133.3	95	124.4
	May 2016	973	15.8	643.00	1699	0	136.04	255.0	121.7	100	125.0
	Jun 2016	924	15.5	642.00	1671	-27	135.51	255.0	115.1	100	124.7
	Jul 2016	863	14.0	641.50	1658	-14	134.73	255.0	107.4	100	124.5
	Aug 2016	759	12.3	641.50	1658	0	134.46	255.0	94.8	100	124.8
	Sep 2016	749	12.6	640.01	1617	-40	133.68	255.0	93.0	100	124.0
	WY 2016	**9163**							**1137.6**		
	Oct 2016	662	10.8	633.00	1434	-183	129.77	234.6	80.0	92	120.9
	Nov 2016	543	9.1	635.00	1486	51	128.06	204.0	64.7	80	119.2
	Dec 2016	424	6.9	638.71	1583	97	130.45	224.4	52.0	88	122.7
	Jan 2017	596	9.7	641.80	1666	83	135.03	191.3	74.2	75	124.6
	Feb 2017	606	10.9	641.80	1666	0	137.09	176.0	76.1	69	125.6
	Mar 2017	965	15.7	643.05	1700	34	135.44	255.0	120.2	100	124.5
	Apr 2017	1066	17.9	643.00	1699	-2	136.07	255.0	132.6	100	124.4
	May 2017	969	15.8	643.00	1699	0	136.04	255.0	121.1	100	125.0
	Jun 2017	918	15.4	642.00	1671	-27	135.51	255.0	114.5	100	124.7
	Jul 2017	858	14.0	641.50	1658	-14	134.73	255.0	106.8	100	124.5
	Aug 2017	755	12.3	641.50	1658	0	134.46	255.0	94.2	100	124.8
	Sep 2017	744	12.5	640.01	1617	-40	133.68	255.0	92.4	100	124.1
	WY 2017	**9104**							**1128.7**		
	Oct 2017	658	10.7	633.00	1434	-183	129.77	234.6	79.5	92	120.9

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

Model Run ID: 2210

Processed On: 11/10/2015 5:22:38PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 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
*	Nov 2014	351	5.9	447.77	576	25	81.18	96.0	24.4	80	69.4
H	Dec 2014	240	3.9	446.36	549	-26	81.87	120.0	15.5	100	64.8
I	Jan 2015	348	5.7	448.22	584	35	82.97	93.6	24.3	78	69.7
S	Feb 2015	473	8.5	447.38	568	-16	81.70	94.8	33.2	79	70.2
T	Mar 2015	707	11.5	447.89	578	10	79.76	108.0	49.6	90	70.2
O	Apr 2015	752	12.6	448.09	582	4	80.20	120.0	52.5	100	69.8
R	May 2015	559	9.1	448.50	590	8	81.62	112.8	39.5	94	70.7
I	Jun 2015	615	10.3	448.89	597	7	79.48	120.0	43.6	100	70.8
C	Jul 2015	592	9.6	447.99	580	-17	81.75	120.0	41.8	100	70.7
A	Aug 2015	580	9.4	448.30	586	6	82.40	120.0	40.9	100	70.4
L	Sep 2015	487	8.2	448.04	581	-5	82.23	120.0	34.6	100	71.1
	WY 2015	**6135**							**430.7**		
*	Oct 2015	458	7.5	447.88	578	-3	81.97	91.2	32.1	76	70.1
	Nov 2015	398	6.7	447.50	571	-7	76.17	96.0	26.0	80	65.4
	Dec 2015	292	4.7	446.50	552	-19	74.40	120.0	18.3	100	62.7
	Jan 2016	347	5.6	446.50	552	0	75.01	96.0	22.2	80	64.0
	Feb 2016	438	7.6	446.50	552	0	75.13	93.6	28.5	78	65.1
	Mar 2016	729	11.9	446.70	555	4	74.01	120.0	47.4	100	65.0
	Apr 2016	784	13.2	448.70	593	38	75.08	120.0	51.7	100	66.0
	May 2016	704	11.4	448.70	593	0	76.05	120.0	46.8	100	66.5
	Jun 2016	700	11.8	448.70	593	0	76.05	120.0	46.6	100	66.5
	Jul 2016	702	11.4	448.00	580	-13	75.71	120.0	46.5	100	66.2
	Aug 2016	595	9.7	447.50	571	-9	75.13	120.0	39.0	100	65.4
	Sep 2016	540	9.1	447.50	570	0	74.89	120.0	35.2	100	65.1
	WY 2016	**6688**							**440.3**		
	Oct 2016	450	7.3	447.50	571	0	75.74	100.8	29.4	84	65.3
	Nov 2016	367	6.2	447.50	571	0	75.92	97.2	23.8	81	64.9
	Dec 2016	276	4.5	446.50	552	-19	74.40	120.0	17.2	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
	Aug 2017	595	9.7	447.50	571	-9	75.13	120.0	39.0	100	65.4
	Sep 2017	540	9.1	447.50	570	0	74.89	120.0	35.2	100	65.1
	WY 2017	**6632**							**434.1**		
	Oct 2017	451	7.3	447.50	571	0	75.74	100.8	29.5	84	65.3

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

Model Run ID: 2210

Processed On: 11/10/2015 5:22:38PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 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
*	Nov 2014	281	30	7	7	4	6
H	Dec 2014	377	43	15	19	11	6
I	Jan 2015	373	48	16	20	10	6
S	Feb 2015	254	44	8	10	2	5
T	Mar 2015	278	48	7	9	5	6
	Winter 2015	**1827**	**250**	**72**	**83**	**46**	**37**
O	Apr 2015	256	28	13	17	11	7
R	May 2015	299	65	21	30	18	8
I	Jun 2015	348	40	38	67	21	9
C	Jul 2015	471	42	41	53	22	8
A	Aug 2015	357	42	32	38	21	7
L	Sep 2015	317	40	28	37	18	0
	Summer 2015	**2049**	**256**	**173**	**241**	**111**	**39**
*	Oct 2015	264	52	26	32	0	4
	Nov 2015	239	48	14	11	6	5
	Dec 2015	356	50	31	37	18	5
	Jan 2016	353	49	17	21	11	4
	Feb 2016	272	46	12	15	8	4
	Mar 2016	251	19	10	13	7	4
	Winter 2016	**1736**	**264**	**109**	**130**	**50**	**25**
	Apr 2016	231	17	14	20	11	5
	May 2016	272	40	35	51	23	6
	Jun 2016	317	55	17	26	17	8
	Jul 2016	379	35	28	35	18	10
	Aug 2016	356	35	32	39	20	7
	Sep 2016	275	34	28	35	18	7
	Summer 2016	**1831**	**216**	**155**	**206**	**106**	**43**
	Oct 2016	235	35	14	18	10	6
	Nov 2016	234	34	5	7	4	6
	Dec 2016	310	35	11	14	8	6
	Jan 2017	308	35	19	24	12	6
	Feb 2017	248	31	17	23	11	5
	Mar 2017	248	35	9	13	7	5
	Winter 2017	**1582**	**204**	**76**	**99**	**53**	**33**
	Apr 2017	229	34	12	19	11	5
	May 2017	253	55	33	49	23	7
	Jun 2017	321	69	24	36	22	9
	Jul 2017	407	36	35	43	23	10
	Aug 2017	425	36	38	45	23	10
	Sep 2017	321	35	36	43	22	9
	Summer 2017	**1635**	**229**	**143**	**192**	**103**	**40**
	Oct 2017	240	36	14	18	10	9

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

Model Run ID: 2210

Processed On: 11/10/2015 5:22:38PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 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****										
Nov 2015	478	157	304	11947	12885	17450	30335	478	157	304	939	11947	17450	30335	3810	635	0	30.0
Dec 2015	566	171	303	12090	13130	17486	30616	566	171	303	1040	12090	17486	30616	4580	548	0	29.8
Jan 2016	671	248	307	12520	13746	17107	30852	671	248	307	1226	12520	17107	30852	5350	698	0	29.5
								****EFFECTIVE SPACE****										
Jan 2016	671	248	307	12520	13746	17107	30852	286	130	292	708	12520	17107	30334	5350	698	0	29.5
Feb 2016	771	282	313	12974	14340	16885	31225	386	165	297	848	12974	16885	30708	1500	567	0	29.3
Mar 2016	858	299	313	13240	14709	16721	31430	473	184	296	953	13240	16721	30914	1500	1031	0	28.8
Apr 2016	827	300	271	13468	14866	17065	31931	437	187	248	871	13468	17065	31404	1500	1105	0	28.6
May 2016	767	283	199	13471	14721	17523	32244	369	168	153	690	13471	17523	31685	1500	1010	0	29.2
Jun 2016	703	252	110	12770	13835	17836	31671	295	119	26	440	12770	17836	31046	1500	939	0	30.2
Jul 2016	526	135	152	11782	12595	18021	30616	105	-18	15	101	11782	18021	29905	1500	888	0	29.9
								****CREDITABLE SPACE****										
Aug 2016	439	148	195	12093	12875	17989	30864	439	148	195	782	12093	17989	30864	1500	792	0	29.5
Sep 2016	471	198	239	12523	13431	17860	31291	471	198	239	908	12523	17860	31291	2270	733	0	29.0
Oct 2016	525	248	308	12751	13833	17853	31685	525	248	308	1081	12751	17853	31685	3040	492	0	28.8
Nov 2016	572	252	300	12891	14016	17752	31768	572	252	300	1125	12891	17752	31768	3810	615	0	28.6
Dec 2016	619	237	298	13051	14205	17767	31972	619	237	298	1154	13051	17767	31972	4580	543	0	28.5
Jan 2017	681	248	300	13414	14643	17476	32119	681	248	300	1229	13414	17476	32119	5350	701	0	28.3
								****EFFECTIVE SPACE****										
Jan 2017	681	248	300	13414	14643	17476	32119	361	248	178	787	13414	17476	31678	5350	701	0	28.3
Feb 2017	737	287	305	13739	15068	17352	32420	416	287	181	885	13739	17352	31975	1500	629	0	28.1
Mar 2017	781	323	298	13920	15322	17292	32614	458	323	174	955	13920	17292	32167	1500	1027	0	27.8
Apr 2017	778	318	243	13987	15326	17632	32958	451	318	112	881	13987	17632	32500	1500	1100	0	27.8
May 2017	743	286	179	13738	14946	18085	33031	409	286	26	721	13738	18085	32544	1500	1006	0	29.0
Jun 2017	658	190	218	12359	13425	18440	31865	314	186	28	528	12359	18440	31327	1500	933	0	30.4
Jul 2017	471	31	293	10963	11758	18619	30376	112	4	50	166	10963	18619	29747	1500	883	0	30.5
								****CREDITABLE SPACE****										
Aug 2017	378	27	301	11023	11729	18534	30263	378	27	301	706	11023	18534	30263	1500	788	0	30.2
Sep 2017	403	77	310	11498	12289	18258	30547	403	77	310	790	11498	18258	30547	2270	728	0	29.9
Oct 2017	456	147	309	11791	12703	18152	30855	456	147	309	913	11791	18152	30855	3040	488	0	29.6

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

Model Run ID: 2210

Processed On: 11/10/2015 5:22:38PM