September 24-Month Study
Date: September 13, 2013

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

Current Reservoir Status

Reservoir	August Inflow (unregulated) (acre-feet)	Percent of Average (%)	September 11 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	32,000	42	6489.48	224,000
Flaming Gorge	22,000	25	6015.35	2,819,000
Blue Mesa	46,000	72	7454.62	339,000
Navajo	43,000	95	6013.77	855,000
Powell	273,000	55	3589.93	10,814,000

Expected Operations

The operation of Lake Powell and Lake Mead in this September 2013 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 2013 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2012 24-Month Study projections of the January 1, 2013, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2013.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2013 is the Upper Elevation Balancing Tier. Since the April 2013 24-Month Study projected end of water year elevation at Lake Powell was below the 2013 Equalization Elevation of 3,646.0 feet and the projected end of water year elevation at Lake Mead was above elevation 1,075.0 feet, Section 6.B.1 and 6.B.4 of the Interim Guidelines provide for an annual release volume of 8.23 million acre-feet (maf) from Lake Powell during water year 2013.

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 2013.

Consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf. This was determined in the August 2013 24-Month study which projected that, with an 8.23 maf annual release pattern in water year 2014, the January 1, 2014, Lake Powell elevation would be below 3,575.0 feet and the Lake Mead elevation would be above 1,025.0 feet.

Consistent with the August 2013 24-Month Study and 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 2014.

The tier determinations will be documented in the 2014 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 2013 AOP is available for download at
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP13.pdf.
The Draft 2014 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/AOP2014/AOP14_draft.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of August were 32,000 acre-feet (AF), or 42 percent of average. The reservoir elevation is 6489.48 feet, 65 percent of live capacity. Inflows are averaging 500 cubic feet per second (cfs) and are expected to be close to this value over the next month. The peak reservoir elevation occurred on July 22 at elevation 6492.29 feet. Reservoir releases are currently at 700 cfs and are projected to remain at this level through the winter and next spring.

Inflows for the next three months are projected to be below average: with August, September and October forecasted inflow volumes at 25,000 AF (54% of average), 30,000 AF (61% of average), and 30,000 AF (71% of average), respectively. The observed April through July unregulated inflow volume was 317,000 af or 44 percent of the 1981-2010 thirty-year average.

The next Fontenelle Working Group meeting is scheduled for April 23, 2014, at 10:00 am at the Seedskadee National Wildlife Refuge. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. The autumn Fontenelle Working Group meeting was held on August 23, 2013 at the Joint Powers Water Board in Green River. Minutes from past meetings are posted on the Working Group webpages.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of August was 22,000 acre-feet (AF), or 25 percent of average. The reservoir elevation is 6015.35 feet and decreasing. Observed inflows are approximately 600 cubic feet per second (cfs).

Forecasts remain below average and Flaming Gorge Dam is in the dry hydrologic classification for the base flow period as outlined in the Record of Decision (ROD). Flaming Gorge releases are currently 1,100 cfs following a single-peak fluctuation pattern and are anticipated to remain at this level through September 30, 2013, whereupon they will decrease to steady releases of approximately 820 cfs. The minimum reservoir elevation is projected to reach 6014 feet by October and remain close to that level through the winter before increasing to a peak elevation next year of approximately 6020 feet.

Inflows for the next three months are projected to be below average: with August, September and October forecasted inflow volumes at 19,000 AF (35% of average), 27,000 AF (46% of average), and 31,000 AF (61% of average), respectively. The observed April through July unregulated inflow volume is 361,000 AF or 37 percent of the 1981-2010 thirty-year average.

The next Flaming Gorge Working Group meeting is scheduled for April 2014, at 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 Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – August unregulated inflow into Blue Mesa Reservoir was 46,000 acre-feet or 72 percent of average. Hydrologic conditions continue to be dry in the basin; however precipitation was slightly above average for the month. June, July, August precipitation was 15, 160, and 125 percent of average respectively. The current inflow rate into Blue Mesa Reservoir is about 700 cfs while reservoir releases are averaging about 1,200 cfs.

Blue Mesa's present elevation is 7454.62 feet, which corresponds to a storage content of about 339,000 acre-feet. The observed April through July runoff into Blue Mesa Reservoir was recorded at 346,500 acre-feet, or 51 percent of average. The reservoir reached a high elevation of 7472.32 feet on June 20, 2013, which was approximately 47.1 feet below "full" pool. Full pool is defined by the top of the spillway gates at elevation 7519.4 feet. Rarely is the reservoir filled to that level due to safety. For practical purposes; the reservoir is considered full at elevations above 7516.4 feet.

Releases from Crystal are currently set at 1250 cfs. The Gunnison Diversion Tunnel is diverting about 800 cfs, which results in a river flow below the diversion tunnel of approximately 500 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). The ROD calls for keeping flows at the Whitewater gage at or above 900 cfs.

The last meeting of the "Aspinall Unit Working Group" was held on Thursday, September 5, 2013 at the Elk Creek Visitors Center at Blue Mesa Reservoir. At this meeting, review of this spring's reservoir operations, and plans for this summer and fall operations were 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 Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir – As a result of increasing flows in the San Juan River Basin, and continued forecasted precipitation, the Bureau of Reclamation decreased the release from Navajo Reservoir from 500 cfs (cubic feet per second) to 350 cfs on Thursday, September 12, at 10:00 a.m. 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 6014.89 ft of pool elevation and 865,126 acre-ft of storage by the end of August, the lowest end-of-August storage since 2003, and the 2nd lowest since 1981. Total observed inflow for the month of August was 53,221 acre-ft, which was 86% of average (modified-unregulated inflow volume of 42,699 acre-ft, or 95% of average). Calculated evaporation for the month was 2,551 acre-ft. The reservoir lost an average of 783 acre-ft per day throughout August, including NIIP diversions and evaporation. The outlet works release ranged from 900 cfs to 500 cfs. NIIP diverted a total of 33,705 acre-ft in the month of August. Modified unregulated inflow for April-July totaled 267,178 which is 36% of average.

As of September 5th, the release at Navajo is 500 cfs, and the observed inflow is 548 cfs. The pool elevation is 6014.23 ft and the content is 859,221 acre-ft, or 51% full (19% of Active). NIIP is diverting at a rate of 627 cfs. The San Juan River at Four Corners USGS gage is at 656 cfs and the Animas River at Farmington USGS gage is at 162 cfs.

The most probable modified-unregulated inflow forecast for September at Navajo is 32,000 acre-ft (76% of average), for October is 30,000 acre-ft (64% of average), and for November is 25,000 acre-ft (75% of average). Modified unregulated inflow is defined as

the predicted hydrologic inflow volume into Navajo plus the change in storage at Vallecito Reservoir and the San-Juan Chama diversion volume.

The next public meeting is scheduled for January 21st, 2014. These meetings are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell – **Current Status**

The unregulated inflow volume to Lake Powell in August was 273 thousand acre-feet (kaf) (55% of average). The release volume from Glen Canyon Dam in August was 801 kaf. The end of August elevation and storage of Lake Powell were 3589.6 feet (110 feet from full pool) and 10.79 million acre-feet (maf) (44% of full capacity), respectively. The reservoir elevation peaked in mid-June at 3601.2 ft and is now declining. The elevation will continue to decline through the fall and winter until spring runoff in 2014.

Current Operations

The operating tier for water year 2013 is the Upper Elevation Balancing Tier, as established in August 2012 and pursuant to the Interim Guidelines. Since the April 2013 projected end of water year elevation at Lake Powell was below the 2013 Equalization Elevation of 3,646.0 feet and the projected end of water year elevation at Lake Mead was above elevation 1,075.0 feet, Section 6.B.1 and 6.B.4 of the Interim Guidelines provide for an annual release volume of 8.23 maf from Lake Powell during water year 2013. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible an 8.23 maf annual release volume by September 30, 2013.

Releases from Glen Canyon Dam in September are currently averaging approximately 10,600 cfs with daily fluctuations between approximately 6,600 cfs at nighttime and approximately 12,600 cfs during the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The scheduled release volume for September 2013 is 600 kaf.

In October, the release volume will likely be about 480 kaf, with daily fluctuations for hydropower between approximately 5,000 cfs in the nighttime and approximately 10,000 cfs in the daytime. The anticipated release volume for November is 500 kaf with fluctuations for power generation throughout the day consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). However, the release volume may be adjusted in November in the event of a high flow experimental release.

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 fluctuations for power generation when called upon as a partner that shares reserve requirements within the electrical generator community (i.e. balancing area). Reserves provide system reliability in the event of an unscheduled outage. Glen Canyon Dam typically maintains 43 MW of reserves (approximately 1,200 cfs). Reserve calls can be maintained for a maximum of 2 hours after which time the generation rate should be returned to the original schedule. If reserves from Glen Canyon Dam are called upon, releases from the dam can exceed scheduled levels and can have a noticeable impact on the river downstream from Glen Canyon Dam. Calls for reserves are fairly infrequent and typically are for much less than 43 MW.

Inflow Forecasts and Model Projections

The hydrologic forecast for Lake Powell, issued by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume for water year 2013 will be 4.46 maf (41% of average based on the period 1981-2010). The water year 2013 forecast increased slightly from last month, due to higher than expected inflows in August. Based on the current forecast, the September 24-Month study projects Lake Powell elevation will decline approximately 3 feet through September and end the water year at 3586.4 feet with 10.5 maf in storage (43% capacity). The annual release volume from Lake Powell during water year 2013 is scheduled to be 8.23 maf. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible an 8.23 maf annual release volume by September 30, 2013.

The hydrologic forecast for water year 2014 for Lake Powell, issued by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 8.41 maf (78% of average based on the period 1981-2010). At this early point in the season, there is significant uncertainty regarding next year's water supply. The forecast ranges from a minimum probable of 5.0 maf (46% of average) to a maximum probable of 15.5 maf (143% of average). There is a 10% chance that inflows could be higher than the maximum probable and a 10% chance they could be lower than the minimum probable.

Consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf. This was determined in the August 2013 24-Month study tier determination run which projected that, with an 8.23 maf annual release pattern in water year 2014, the January 1, 2014, Lake Powell elevation would be below 3,575.0 feet and the Lake Mead elevation would be above 1,025.0 feet. This determination will be documented in the 2014 AOP, which is currently in the final stages of development.

Upper Colorado River Basin Hydrology –

Since 2005 the Upper Colorado River Basin has experienced significant year to year hydrologic variability. During the period 2005 through 2012, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, averaged a water year volume of 10.22 maf (94% of average (period 1981-2010)). The unregulated inflow has ranged from a low of 4.91 maf (45% of average) in water year 2012 to a high of 15.97 maf (147% of average) in water year 2011. This has been an improvement over the persistent drought conditions of 2000 to 2004, which averaged a water year unregulated inflow of 5.73 maf. However, based on observed inflows and current forecasts, water year 2013 unregulated inflow is expected to be 4.46 maf (41% of average), which would be a second significantly below-average year in a row. If this occurs, the period 2000-2013 would be the driest 14-year period on record with an average annual unregulated inflow of 8.20 maf per year. (For comparison, the standard 1981-2010 period average is 10.83 maf).

At the beginning of water year 2013, total system storage in the Colorado River Basin was 33.9 maf (57 % of capacity), which was an increase of about 4 maf since water year 2005 which began at 29.8 maf (50% of capacity). Since 2005, however, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology. In addition, conditions in both 2012 and 2013 have been significantly drier than average and based on observed inflows and current forecasts, the current projected end of water year 2013 total Colorado Basin reservoir storage is approximately 27.1 maf (45% of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			aug	Forecast			Observed	
:	may	jun	jul	aug	%Avg	sep	oct	nov	apr-jul %Avg
GLDA3:Lake Powell	1122	939	143	273	55%:	200/	320/	330/	2559/: 36%
GBRW4:Fontenelle	108	91	67	32	42%:	25/	30/	30/	317/: 44%
GRNU1:Flaming Gorge	135	91	66	22	25%:	19/	27/	31/	361/: 37%
BMDC2:Blue Mesa	133	126	44	46	72%:	28/	27/	23/	346/: 51%
MPSC2:Morrow Point	148	132	45	46	69%:	29/	28/	24/	374/: 51%
CLSC2:Crystal	161	144	48	50	67%:	32/	32/	27/	408/: 49%
TPIC2:Taylor Park	21	26	8.9	6.6	64%:	5.5/	5/	4/	62/: 63%
VCRC2:Vallecito	49	19.3	7.9	12.9	65%:	10/	9/	5.8/	91/: 47%
NVRN5:Navajo	154	40	1.88	43	95%:	32/	30/	25/	267/: 36%
LEMC2:Lemon	13.5	4.1	1.70	2.8	57%:	2.2/	1.5/	1/	23/: 42%
MPHC2:McPhee	50	13.6	6.4	12.2e	76%:	7.2/	5.5/	4/	87/: 29%
RBSC2:Ridgway	17.3	17.3	8.4	11.6	79%:	7.2/	6/	4.4/	51/: 50%:

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2013 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2012	23	2	46	8	54	6495.11	263
	WY 2012	**825**	**15**	**750**	**94**	**845**		
H	Oct 2012	29	1	25	28	53	6491.56	238
I	Nov 2012	35	1	22	28	51	6489.08	221
S	Dec 2012	28	1	52	0	52	6485.19	196
T	Jan 2013	23	1	53	0	53	6479.94	166
O	Feb 2013	23	0	48	0	48	6475.03	141
R	Mar 2013	41	0	52	0	52	6472.41	129
I	Apr 2013	51	1	51	0	51	6472.25	128
C	May 2013	108	1	51	0	51	6483.26	185
A	Jun 2013	91	2	47	0	48	6489.79	226
L	Jul 2013	67	2	48	0	48	6492.28	243
*	Aug 2013	32	2	43	0	43	6490.28	229
	Sep 2013	25	2	42	0	42	6487.51	212
	WY 2013	**552**	**14**	**534**	**57**	**591**		
	Oct 2013	30	1	43	0	43	6485.31	198
	Nov 2013	30	1	42	0	42	6483.29	186
	Dec 2013	23	1	43	0	43	6479.67	165
	Jan 2014	22	1	43	0	43	6475.38	143
	Feb 2014	21	0	39	0	39	6471.39	125
	Mar 2014	38	0	43	0	43	6470.12	120
	Apr 2014	65	1	74	0	74	6467.71	110
	May 2014	122	1	92	0	92	6474.31	138
	Jun 2014	265	2	101	0	101	6500.16	300
	Jul 2014	166	3	101	18	118	6505.92	345
	Aug 2014	62	2	74	0	74	6504.15	331
	Sep 2014	41	2	36	32	68	6500.36	302
	WY 2014	**885**	**14**	**731**	**50**	**781**		
	Oct 2014	45	1	71	0	71	6496.75	275
	Nov 2014	41	1	68	0	68	6492.72	246
	Dec 2014	32	1	71	0	71	6486.76	207
	Jan 2015	30	1	71	0	71	6479.87	166
	Feb 2015	28	0	64	0	64	6472.34	129
	Mar 2015	53	0	71	0	71	6467.99	111
	Apr 2015	85	1	71	0	71	6471.19	124
	May 2015	164	1	99	5	105	6482.72	182
	Jun 2015	299	2	103	76	179	6500.23	301
	Jul 2015	178	3	101	32	132	6505.70	343
	Aug 2015	77	2	80	0	80	6504.98	338

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2013 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Sep 2012	19	50	10	68	0	68	122	6021.43	3030	79
	WY 2012	**990**	**1010**	**78**	**1366**	**20**	**1386**				**2278**
H	Oct 2012	24	48	7	52	0	52	122	6021.15	3020	71
I	Nov 2012	39	55	3	49	0	49	122	6021.23	3023	75
S	Dec 2012	25	50	2	70	0	70	121	6020.63	3002	219
T	Jan 2013	24	53	2	74	0	74	120	6020.03	2981	579
O	Feb 2013	30	55	2	67	0	67	119	6019.65	2967	415
R	Mar 2013	64	76	3	53	0	53	120	6020.19	2986	109
I	Apr 2013	69	69	5	50	0	50	121	6020.57	3000	150
C	May 2013	135	77	7	67	0	67	121	6020.65	3003	438
A	Jun 2013	91	48	10	135	3	138	117	6017.91	2906	375
L	Jul 2013	66	47	12	68	0	68	116	6016.99	2875	100
*	Aug 2013	22	33	11	68	0	68	114	6015.71	2831	87
	Sep 2013	19	36	10	65	0	65	112	6014.58	2793	65
	WY 2013	**608**	**647**	**74**	**817**	**3**	**820**				**2684**
	Oct 2013	27	40	6	50	0	50	112	6014.10	2776	50
	Nov 2013	31	43	3	48	0	48	111	6013.87	2769	48
	Dec 2013	22	42	2	49	0	49	111	6013.62	2760	49
	Jan 2014	27	48	2	49	0	49	111	6013.54	2758	49
	Feb 2014	32	50	2	44	0	44	111	6013.65	2761	44
	Mar 2014	78	83	3	49	0	49	112	6014.54	2791	49
	Apr 2014	111	120	4	48	0	48	115	6016.47	2857	48
	May 2014	160	130	7	102	0	102	116	6017.07	2878	102
	Jun 2014	285	121	9	94	0	94	116	6017.56	2894	94
	Jul 2014	187	139	12	56	0	56	119	6019.52	2963	56
	Aug 2014	72	84	12	56	0	56	120	6019.96	2978	56
	Sep 2014	48	75	10	54	0	54	120	6020.25	2989	54
	WY 2014	**1080**	**976**	**72**	**700**	**0**	**700**				**700**
	Oct 2014	54	79	7	56	0	56	121	6020.71	3005	56
	Nov 2014	49	77	3	54	0	54	122	6021.23	3023	54
	Dec 2014	35	74	2	56	0	56	122	6021.66	3039	56
	Jan 2015	40	81	2	56	0	56	123	6022.28	3061	56
	Feb 2015	45	81	2	51	0	51	124	6023.03	3088	51
	Mar 2015	102	120	3	56	0	56	127	6024.65	3147	56
	Apr 2015	134	119	5	54	0	54	129	6026.21	3205	54
	May 2015	245	186	8	108	0	108	132	6028.01	3273	108
	Jun 2015	390	269	11	158	0	158	135	6030.54	3370	158
	Jul 2015	210	165	14	98	0	98	138	6031.84	3420	98
	Aug 2015	89	92	13	98	0	98	137	6031.36	3402	98

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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September 2013 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2012	4	6	9300.80	56
	WY 2012	**80**	**95**		
H	Oct 2012	4	4	9301.04	57
I	Nov 2012	3	3	9301.07	57
S	Dec 2012	3	3	9301.09	57
T	Jan 2013	3	3	9301.07	57
O	Feb 2013	3	3	9301.01	57
R	Mar 2013	3	3	9301.27	57
I	Apr 2013	6	4	9302.94	59
C	May 2013	21	7	9312.29	74
A	Jun 2013	26	12	9320.43	88
L	Jul 2013	9	15	9316.95	81
*	Aug 2013	7	14	9312.37	74
	Sep 2013	6	12	9308.43	67
	WY 2013	**94**	**83**		
	Oct 2013	5	5	9308.17	67
	Nov 2013	4	4	9308.17	67
	Dec 2013	4	4	9308.17	67
	Jan 2014	4	4	9307.85	67
	Feb 2014	3	4	9307.06	65
	Mar 2014	3	4	9306.54	65
	Apr 2014	6	4	9307.98	67
	May 2014	25	12	9315.93	80
	Jun 2014	39	18	9327.26	101
	Jul 2014	14	20	9324.17	95
	Aug 2014	8	20	9317.65	83
	Sep 2014	7	16	9312.19	73
	WY 2014	**121**	**115**		
	Oct 2014	6	12	9308.60	68
	Nov 2014	5	6	9307.93	67
	Dec 2014	5	6	9307.06	65
	Jan 2015	4	6	9305.97	64
	Feb 2015	4	6	9304.48	61
	Mar 2015	4	6	9303.41	60
	Apr 2015	9	6	9305.30	63
	May 2015	28	12	9315.48	79
	Jun 2015	42	20	9327.24	101
	Jul 2015	20	20	9327.31	101
	Aug 2015	10	20	9322.26	91

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

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Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2012	19	21	1	67	0	67	7454.82	340
	WY 2012	**427**	**442**	**7**	**793**	**0**	**793**		
H	Oct 2012	20	20	0	33	0	33	7452.55	327
I	Nov 2012	19	19	0	19	0	19	7452.39	326
S	Dec 2012	18	18	0	16	0	16	7452.65	328
T	Jan 2013	16	16	0	15	0	15	7452.77	328
O	Feb 2013	16	16	0	15	0	15	7452.95	329
R	Mar 2013	23	23	0		0	16	7454.12	336
I	Apr 2013	43	41	1	38	0	38	7454.46	338
C	May 2013	133	119	1	58	0	58	7464.34	399
A	Jun 2013	126	111	1	69	0	69	7470.58	440
L	Jul 2013	44	51	1	98	0	98	7463.20	391
*	Aug 2013	46	54	1	89	0	89	7457.29	355
	Sep 2013	28	34	1	76	0	76	7449.97	312
	WY 2013	**532**	**521**	**6**	**526**	**0**	**542**		
	Oct 2013	27	27	0	44	0	44	7446.88	295
	Nov 2013	23	23	0	14	0	14	7448.51	304
	Dec 2013	21	21	0	14	0	14	7449.75	311
	Jan 2014	18	19	0	16	0	16	7450.17	314
	Feb 2014	16	17	0	12	0	12	7451.07	319
	Mar 2014	28	29	0	16	0	16	7453.26	331
	Apr 2014	60	58	1	29	0	29	7458.04	359
	May 2014	188	175	1	100	0	100	7469.65	433
	Jun 2014	240	219	1	34	0	34	7494.55	617
	Jul 2014	92	98	1	92	0	92	7495.12	622
	Aug 2014	50	62	1	97	0	97	7490.56	586
	Sep 2014	37	46	1	72	0	72	7487.12	559
	WY 2014	**800**	**794**	**7**	**540**	**0**	**540**		
	Oct 2014	38	43	0	41	0	41	7487.35	561
	Nov 2014	31	32	0	12	0	12	7489.97	581
	Dec 2014	26	27	0	27	0	27	7490.00	581
	Jan 2015	24	26	0	55	0	55	7486.20	552
	Feb 2015	22	25	0	55	0	55	7482.11	522
	Mar 2015	36	38	0	32	0	32	7482.81	527
	Apr 2015	77	74	1	50	0	50	7485.96	550
	May 2015	221	205	1	120	0	120	7496.65	634
	Jun 2015	261	239	1	80	0	80	7515.23	792
	Jul 2015	117	117	2	105	0	105	7516.40	802
	Aug 2015	63	73	1	121	0	121	7510.87	753

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

Model Run ID: 2155

Processed On: 9/12/2013 4:14:33PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2013 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2012	19	67	0	68	71	0	71	7150.03	109
	WY 2012	**447**	**793**	**21**	**814**	**811**	**0**	**811**		
H	Oct 2012	22	33	1	34	40	0	40	7142.80	104
I	Nov 2012	20	19	1	20	16	0	16	7148.49	108
S	Dec 2012	18	16	1	17	18	0	18	7146.50	106
T	Jan 2013	17	15	1	16	17	0	17	7144.75	105
O	Feb 2013	17	15	1	15	16	0	16	7144.30	105
R	Mar 2013	24	16	1	17	17	0	17	7144.36	105
I	Apr 2013	49	38	6	44	42	0	42	7146.71	107
C	May 2013	148	58	15	72	67	0	67	7154.02	112
A	Jun 2013	132	69	6	75	75	0	75	7154.39	113
L	Jul 2013	45	98	0	98	99	0	99	7153.53	112
*	Aug 2013	46	89	0	90	89	0	89	7154.91	113
	Sep 2013	29	76	1	77	78	0	78	7153.73	112
	WY 2013	**566**	**542**	**34**	**576**	**572**	**0**	**572**		
	Oct 2013	28	44	1	45	45	0	45	7153.73	112
	Nov 2013	24	14	1	15	15	0	15	7153.73	112
	Dec 2013	22	14	1	15	15	0	15	7153.73	112
	Jan 2014	19	16	1	17	17	0	17	7153.73	112
	Feb 2014	18	12	2	14	14	0	14	7153.73	112
	Mar 2014	31	16	3	19	19	0	19	7153.73	112
	Apr 2014	69	29	9	38	38	0	38	7153.73	112
	May 2014	209	100	21	121	121	0	121	7153.73	112
	Jun 2014	255	34	15	49	49	0	49	7153.73	112
	Jul 2014	96	92	4	96	96	0	96	7153.73	112
	Aug 2014	53	97	3	100	100	0	100	7153.73	112
	Sep 2014	39	72	2	74	74	0	74	7153.73	112
	WY 2014	**863**	**540**	**63**	**603**	**603**	**0**	**603**		
	Oct 2014	40	41	2	43	43	0	43	7153.73	112
	Nov 2014	33	12	2	14	14	0	14	7153.73	112
	Dec 2014	28	27	2	29	29	0	29	7153.73	112
	Jan 2015	27	55	2	57	57	0	57	7153.73	112
	Feb 2015	25	55	3	58	58	0	58	7153.73	112
	Mar 2015	40	32	4	36	36	0	36	7153.73	112
	Apr 2015	88	50	11	61	61	0	61	7153.73	112
	May 2015	247	120	26	146	146	0	146	7153.73	112
	Jun 2015	281	80	20	100	100	0	100	7153.73	112
	Jul 2015	123	105	6	111	111	0	111	7153.73	112
	Aug 2015	67	121	3	124	124	0	124	7153.73	112

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

Model Run ID: 2155

Processed On: 9/12/2013 4:14:33PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2013 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Sep 2012	22	71	2	74	63	11	74	6743.29	14	45	33
	WY 2012	**498**	**811**	**51**	**862**	**824**	**38**	**862**			**397**	**497**
H	Oct 2012	24	40	3	42	40	0	40	6750.72	16	20	20
I	Nov 2012	23	16	4	19	21	0	21	6746.77	15	1	19
S	Dec 2012	22	18	4	22	22	0	22	6749.11	16	1	20
T	Jan 2013	20	17	4	21	19	2	21	6747.09	15	0	20
O	Feb 2013	20	16	3	19	10	9	19	6745.57	15	0	19
R	Mar 2013	29	17	5	21	22	0	22	6744.50	15	0	22
I	Apr 2013	55	42	7	49	51	0	51	6738.38	13	33	20
C	May 2013	161	67	13	80	80	0	80	6736.96	13	66	18
A	Jun 2013	144	75	11	86	84	0	84	6744.76	15	65	25
L	Jul 2013	49	99	4	103	101	1	102	6748.24	16	67	41
*	Aug 2013	50	89	3	92	92	1	93	6745.72	15	62	35
	Sep 2013	32	78	3	81	79	0	79	6753.04	17	55	24
	WY 2013	**629**	**572**	**63**	**635**	**619**	**14**	**632**			**370**	**283**
	Oct 2013	32	45	4	49	49	0	49	6753.04	17	30	19
	Nov 2013	27	15	3	18	18	0	18	6753.04	17	0	18
	Dec 2013	26	15	4	19	19	0	19	6753.04	17	0	19
	Jan 2014	21	17	2	19	19	0	19	6753.04	17	0	19
	Feb 2014	21	14	3	17	17	0	17	6753.04	17	0	17
	Mar 2014	36	19	5	24	24	0	24	6753.04	17	5	19
	Apr 2014	79	38	10	48	48	0	48	6753.04	17	30	18
	May 2014	235	121	26	147	134	13	147	6753.04	17	55	92
	Jun 2014	284	49	29	78	78	0	78	6753.04	17	60	18
	Jul 2014	105	96	9	105	105	0	105	6753.04	17	65	40
	Aug 2014	58	100	5	105	105	0	105	6753.04	17	65	40
	Sep 2014	44	74	5	79	79	0	79	6753.04	17	55	24
	WY 2014	**968**	**603**	**105**	**708**	**695**	**13**	**708**			**365**	**343**
	Oct 2014	45	43	5	48	48	0	48	6753.04	17	30	18
	Nov 2014	37	14	4	18	18	0	18	6753.04	17	0	18
	Dec 2014	32	29	5	33	33	0	33	6753.04	17	0	33
	Jan 2015	31	57	5	62	62	0	62	6753.04	17	0	62
	Feb 2015	29	58	4	61	61	0	61	6753.04	17	0	61
	Mar 2015	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2015	101	61	12	74	74	0	74	6753.04	17	30	44
	May 2015	281	146	34	180	134	46	180	6753.04	17	55	125
	Jun 2015	315	100	34	134	130	4	134	6753.04	17	60	74
	Jul 2015	138	111	14	125	125	0	125	6753.04	17	65	60
	Aug 2015	75	124	8	133	133	0	133	6753.04	17	65	68

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

Model Run ID: 2155

Processed On: 9/12/2013 4:14:33PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2013 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2012	4	22	7624.48	36
	WY 2012	**168**	**188**		
H	Oct 2012	3	3	7624.51	36
I	Nov 2012	3	1	7625.69	37
S	Dec 2012	3	0	7627.33	40
T	Jan 2013	3	0	7629.10	43
O	Feb 2013	3	0	7630.60	46
R	Mar 2013	4	0	7632.64	50
I	Apr 2013	15	1	7639.26	63
C	May 2013	49	31	7647.20	80
A	Jun 2013	19	35	7639.75	64
L	Jul 2013	8	32	7626.95	40
*	Aug 2013	13	26	7617.79	26
	Sep 2013	10	12	7616.10	24
	WY 2013	**134**	**143**		
	Oct 2013	9	5	7619.26	28
	Nov 2013	6	0	7623.15	34
	Dec 2013	5	0	7626.14	38
	Jan 2014	4	0	7628.33	42
	Feb 2014	3	0	7630.08	45
	Mar 2014	6	0	7633.00	50
	Apr 2014	18	0	7641.58	68
	May 2014	64	9	7663.72	122
	Jun 2014	66	63	7664.53	124
	Jul 2014	26	42	7658.43	108
	Aug 2014	18	38	7650.31	88
	Sep 2014	15	30	7643.89	73
	WY 2014	**240**	**188**		
	Oct 2014	14	17	7642.43	70
	Nov 2014	8	4	7644.19	73
	Dec 2014	6	4	7644.97	75
	Jan 2015	5	4	7645.36	76
	Feb 2015	5	4	7645.69	77
	Mar 2015	9	3	7647.98	82
	Apr 2015	23	3	7656.16	102
	May 2015	71	48	7664.96	125
	Jun 2015	70	70	7664.91	125
	Jul 2015	29	42	7659.98	112
	Aug 2015	20	38	7652.71	94

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

Model Run ID: 2155

Processed On: 9/12/2013 4:14:33PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2013 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Sep 2012	-2	0	17	2	22	58	6032.62	1035	56
	WY 2012	**523**	**53**	**490**	**26**	**236**	**521**			**814**
H	Oct 2012	3	0	3	1	11	40	6027.78	986	43
I	Nov 2012	9	0	7	1	0	23	6026.11	970	32
S	Dec 2012	12	0	9	0	0	22	6024.73	957	30
T	Jan 2013	14	0	11	0	0	20	6023.77	947	
O	Feb 2013	13	0	10	1	0	19	6022.74	938	36
R	Mar 2013	31	1	26	1	6	22	6022.39	934	33
I	Apr 2013	71	7	53	2	21	36	6021.77	928	40
C	May 2013	154	17	118	3	36	17	6028.15	990	93
A	Jun 2013	40	8	46	3	42	33	6024.88	958	50
L	Jul 2013	2	1	25	3	40	51	6017.54	889	53
*	Aug 2013	43	3	53	3	34	41	6014.89	865	58
	Sep 2013	32	0	34	2	26	40	6010.97	830	40
	WY 2013	**424**	**37**	**395**	**20**	**216**	**363**			**507**
	Oct 2013	30	0	26	1	7	15	6011.21	833	15
	Nov 2013	25	0	19	1	0	15	6011.67	837	15
	Dec 2013	18	0	13	0	0	15	6011.39	834	15
	Jan 2014	16	0	12	0	0	28	6009.57	818	28
	Feb 2014	21	0	18	1	0	25	6008.67	811	25
	Mar 2014	65	2	57	1	2	25	6012.02	840	25
	Apr 2014	130	14	98	2	18	20	6018.60	899	20
	May 2014	245	37	153	3	33	15	6029.31	1002	15
	Jun 2014	180	32	145	3	48	15	6036.93	1080	15
	Jul 2014	45	6	54	4	53	31	6033.71	1046	31
	Aug 2014	35	2	53	3	46	51	6029.14	1000	51
	Sep 2014	32	0	46	2	26	39	6027.02	979	39
	WY 2014	**842**	**94**	**696**	**21**	**233**	**294**			**294**
	Oct 2014	39	1	40	1	7	27	6027.61	985	27
	Nov 2014	31	1	26	1	0	18	6028.32	992	18
	Dec 2014	25	0	23	1	0	23	6028.28	991	23
	Jan 2015	22	0	21	0	0	25	6027.87	987	25
	Feb 2015	30	0	29	1	0	22	6028.52	994	22
	Mar 2015	92	2	84	1	2	25	6034.09	1050	25
	Apr 2015	170	14	136	2	18	28	6042.36	1139	28
	May 2015	277	37	217	3	33	39	6054.54	1280	39
	Jun 2015	224	32	191	4	49	101	6057.50	1316	101
	Jul 2015	66	6	72	4	54	38	6055.51	1292	38
	Aug 2015	45	2	61	3	46	53	6052.10	1250	53

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Model Run ID: 2155

Processed On: 9/12/2013 4:14:33PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2013 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Sep 2012	104	296	54	481	0	481	3621.56	5168	13929	478
	WY 2012	**4908**	**5964**	**455**	**9466**	**0**	**9466**				**9527**
H	Oct 2012	190	294	37	498	0	498	3619.46	5150	13706	495
I	Nov 2012	246	273	35	652	78	730	3615.10	5114	13251	736
S	Dec 2012	201	247	27	801	0	801	3609.82	5071	12713	800
T	Jan 2013	168	230	8	801	0	801	3604.42	5028	12177	801
O	Feb 2013	262	300	9	600	0	600	3601.47	5005	11891	595
R	Mar 2013	362	357	14	601	0	601	3598.96	4986	11651	594
I	Apr 2013	355	326	22	551	0	551	3596.53	4967	11422	547
C	May 2013	1122	925	26	602	0	602	3599.44	4989	11697	591
A	Jun 2013	939	907	42	800	0	800	3600.07	4994	11757	800
L	Jul 2013	143	298	49	848	0	848	3594.17	4950	11202	862
*	Aug 2013	273	401	47	801	0	801	3589.64	4917	10788	815
	Sep 2013	200	328	43	600	0	600	3586.38	4893	10496	614
	WY 2013	**4460**	**4884**	**360**	**8154**	**78**	**8232**				**8251**
	Oct 2013	320	353	29	480	0	480	3584.75	4882	10352	491
	Nov 2013	330	327	28	500	0	500	3582.63	4867	10166	509
	Dec 2013	250	268	22	600	0	600	3578.81	4841	9838	612
	Jan 2014	250	282	6	800	0	800	3573.01	4802	9352	813
	Feb 2014	300	312	7	600	0	600	3569.66	4780	9080	610
	Mar 2014	490	414	11	600	0	600	3567.38	4765	8897	611
	Apr 2014	800	627	18	500	0	500	3568.64	4774	8998	512
	May 2014	2000	1694	22	600	0	600	3580.59	4853	9990	611
	Jun 2014	2150	1669	38	600	0	600	3591.36	4929	10944	611
	Jul 2014	820	735	47	800	0	800	3590.22	4921	10840	819
	Aug 2014	390	484	46	800	0	800	3586.48	4894	10505	821
	Sep 2014	310	385	42	600	0	600	3583.78	4875	10267	614
	WY 2014	**8410**	**7549**	**317**	**7480**	**0**	**7480**				**7634**
	Oct 2014	430	431	29	480	0	480	3582.96	4869	10195	491
	Nov 2014	435	409	28	500	0	500	3581.70	4861	10085	509
	Dec 2014	363	383	22	600	0	600	3579.11	4843	9864	612
	Jan 2015	361	410	7	800	0	800	3574.75	4813	9497	813
	Feb 2015	393	424	7	600	0	600	3572.70	4800	9327	610
	Mar 2015	665	552	12	600	0	600	3572.02	4795	9272	611
	Apr 2015	1056	838	19	500	0	500	3575.60	4819	9568	512
	May 2015	2343	1937	24	600	0	600	3589.59	4916	10783	611
	Jun 2015	2666	2212	41	600	0	600	3605.04	5033	12238	611
	Jul 2015	1091	1000	52	800	0	800	3606.43	5044	12374	819
	Aug 2015	500	623	52	800	0	800	3604.27	5027	12162	821

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Model Run ID: 2155

Processed On: 9/12/2013 4:14:33PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2013 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Sep 2012	481	97	67	635	10.7	18	634	854	1115.16	13135
	WY 2012	**9466**	**730**	**638**	**9421**		**227**	**9356**			
H	Oct 2012	498	53	49	346	5.6	20	331	862	1116.50	13263
I	Nov 2012	730	60	49	650	10.9	14	649	867	1117.24	13334
S	Dec 2012	801	50	43	476	7.7	11	432	886	1120.36	13636
T	Jan 2013	801	56	35	609	9.9	9	591	899	1122.32	13828
O	Feb 2013	600	68	32	646	11.6	8	644	898	1122.14	13810
R	Mar 2013	601	69	36	987	16.1	15	986	875	1118.59	13465
I	Apr 2013	551	37	44	1103	18.5	20	1102	840	1112.91	12921
C	May 2013	602	28	50	1007	16.4	27	1008	812	1108.36	12495
A	Jun 2013	800	1	59	948	15.9	28	947	798	1105.98	12276
L	Jul 2013	848	113	73	865	14.1	28	858	798	1105.92	12270
*	Aug 2013	801	129	78	808	13.1	24	791	799	1106.13	12289
	Sep 2013	600	81	64	596	10.0	18	596	799	1106.16	12292
	WY 2013	**8232**	**747**	**612**	**9040**		**223**	**8933**			
	Oct 2013	480	54	47	548	8.9	17	548	794	1105.36	12219
	Nov 2013	500	44	46	631	10.6	23	631	785	1103.75	12072
	Dec 2013	600	99	40	512	8.3	18	512	793	1105.08	12193
	Jan 2014	800	81	33	718	11.7	16	718	800	1106.26	12301
	Feb 2014	600	94	30	714	12.9	18	714	795	1105.56	12237
	Mar 2014	600	77	34	1030	16.8	21	1030	770	1101.32	11854
	Apr 2014	500	80	41	1115	18.7	14	1115	734	1095.07	11300
	May 2014	600	64	46	1002	16.3	24	1002	710	1090.68	10916
	Jun 2014	600	33	55	939	15.8	22	939	686	1086.49	10556
	Jul 2014	800	55	68	861	14.0	28	861	680	1085.35	10459
	Aug 2014	800	109	72	827	13.5	23	827	679	1085.20	10446
	Sep 2014	600	81	59	634	10.7	19	634	677	1084.86	10418
	WY 2014	**7480**	**870**	**570**	**9533**		**243**	**9533**			
	Oct 2014	480	54	43	465	7.6	17	465	678	1084.96	10426
	Nov 2014	500	44	43	610	10.3	23	610	670	1083.49	10302
	Dec 2014	600	99	37	500	8.1	18	500	678	1085.08	10437
	Jan 2015	800	81	30	726	11.8	16	726	685	1086.28	10539
	Feb 2015	600	94	28	696	12.5	18	696	682	1085.75	10493
	Mar 2015	600	77	31	1045	17.0	22	1045	656	1081.05	10098
	Apr 2015	500	80	38	1132	19.0	14	1132	620	1074.14	9531
	May 2015	600	64	42	1019	16.6	24	1019	594	1069.18	9135
	Jun 2015	600	33	50	955	16.0	23	955	570	1064.45	8764
	Jul 2015	800	55	62	878	14.3	29	878	563	1063.07	8657
	Aug 2015	800	109	65	842	13.7	24	842	561	1062.79	8636

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

Model Run ID: 2155

Processed On: 9/12/2013 4:14:33PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2013 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Sep 2012	635	-5	18	723	0	723	12.1	639.55	1605
	WY 2012	**9421**	**-177**	**197**	**9051**	**0**	**9051**			
H	Oct 2012	346	-3	14	556	0	556	9.0	630.75	1377
I	Nov 2012	650	-11	10	499	0	499	8.4	635.82	1507
S	Dec 2012	476	-6	9	395	0	395	6.4	638.30	1572
T	Jan 2013	609	-11	10	510	0	510	8.3	641.20	1650
O	Feb 2013	646	-12	10	609	0	609	11.0	641.78	1665
R	Mar 2013	987	-11	13	956	0	956	15.5	642.06	1673
I	Apr 2013	1103	-20	17	1017	0	1017	17.1	643.87	1723
C	May 2013	1007	-15	22	959	0	959	15.6	644.24	1733
A	Jun 2013	948	-16	26	928	0	928	15.6	643.45	1711
L	Jul 2013	865	-24	26	810	0	810	13.2	643.66	1717
*	Aug 2013	808	-16	23	749	0	749	12.2	644.35	1736
	Sep 2013	596	-1	18	694	0	694	11.7	640.01	1617
	WY 2013	**9040**	**-148**	**198**	**8682**	**0**	**8682**			
	Oct 2013	548	0	15	703	0	703	11.4	633.50	1447
	Nov 2013	631	-16	10	566	0	566	9.5	635.00	1486
	Dec 2013	512	-17	9	388	0	388	6.3	638.71	1583
	Jan 2014	718	-16	10	610	0	610	9.9	641.80	1666
	Feb 2014	714	-8	10	696	0	696	12.5	641.80	1666
	Mar 2014	1030	-16	13	967	0	967	15.7	643.05	1700
	Apr 2014	1115	-15	17	1085	0	1085	18.2	643.00	1699
	May 2014	1002	-14	22	966	0	966	15.7	643.00	1699
	Jun 2014	939	-12	25	929	0	929	15.6	642.00	1671
	Jul 2014	861	-5	25	845	0	845	13.7	641.50	1658
	Aug 2014	827	-8	23	797	0	797	13.0	641.50	1658
	Sep 2014	634	-1	18	708	0	708	11.9	638.00	1564
	WY 2014	**9533**	**-129**	**197**	**9260**	**0**	**9260**			
	Oct 2014	465	0	15	580	0	580	9.4	633.00	1434
	Nov 2014	610	-16	10	533	0	533	9.0	635.00	1486
	Dec 2014	500	-17	9	376	0	376	6.1	638.71	1583
	Jan 2015	726	-16	10	618	0	618	10.1	641.80	1666
	Feb 2015	696	-8	10	678	0	678	12.2	641.80	1666
	Mar 2015	1045	-16	13	982	0	982	16.0	643.05	1700
	Apr 2015	1132	-15	17	1102	0	1102	18.5	643.00	1699
	May 2015	1019	-14	22	983	0	983	16.0	643.00	1699
	Jun 2015	955	-12	25	944	0	944	15.9	642.00	1671
	Jul 2015	878	-5	25	861	0	861	14.0	641.50	1658
	Aug 2015	842	-8	23	812	0	812	13.2	641.50	1658

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

Model Run ID: 2155

Processed On: 9/12/2013 4:14:33PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2013 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)
*	Sep 2012	723	31	15	548	9.2	74	137	446.98	561	90	1.5
	WY 2012	**9051**	**290**	**140**	**6652**		**723**	**1763**			**1435**	
H	Oct 2012	556	34	12	482	7.8	14	32	449.31	606	70	1.1
I	Nov 2012	499	27	9	348	5.9	14	174	448.06	581	88	1.5
S	Dec 2012	395	21	7	289	4.7	15	132	446.41	550	132	2.2
T	Jan 2013	510	17	6	352	5.7	57	80	448.01	580	143	2.3
O	Feb 2013	609	4	8	444	8.0	7	147	448.13	583	158	2.8
R	Mar 2013	956	7	9	680	11.1	98	180	447.58	572	191	3.1
I	Apr 2013	1017	14	11	765	12.9	84	148	448.35	587	185	3.1
C	May 2013	959	20	13	677	11.0	97	174	448.76	595	98	1.5
A	Jun 2013	928	14	16	688	11.6	104	129	448.45	589	98	1.7
L	Jul 2013	810	28	17	626	10.2	100	80	448.51	590	110	1.8
*	Aug 2013	749	37	17	552	9.0	96	95	449.22	604	103	1.8
	Sep 2013	694	23	15	476	8.0	96	154	447.50	570	89	1.5
	WY 2013	**8682**	**246**	**141**	**6380**		**783**	**1526**			**1464**	
	Oct 2013	703	26	12	451	7.3	99	160	447.50	571	55	0.9
	Nov 2013	566	32	9	376	6.3	68	150	447.00	561	90	1.5
	Dec 2013	388	26	6	260	4.2	70	110	445.00	525	94	1.5
	Jan 2014	610	16	6	340	5.5	98	176	445.00	525	125	2.0
	Feb 2014	696	10	7	450	8.1	88	127	446.50	552	156	2.8
	Mar 2014	967	17	9	690	11.2	98	175	446.70	555	201	3.3
	Apr 2014	1085	21	11	785	13.2	95	169	448.70	593	212	3.6
	May 2014	966	20	13	690	11.2	98	173	448.70	593	111	1.8
	Jun 2014	929	15	16	683	11.5	95	137	448.70	593	109	1.8
	Jul 2014	845	25	17	716	11.6	98	38	448.00	580	111	1.8
	Aug 2014	797	24	17	633	10.3	98	70	447.50	571	105	1.7
	Sep 2014	708	23	15	549	9.2	70	101	446.81	557	102	1.7
	WY 2014	**9260**	**256**	**139**	**6622**		**1074**	**1587**			**1471**	
	Oct 2014	580	26	12	448	7.3	24	124	446.31	548	65	1.1
	Nov 2014	533	32	8	376	6.3	24	147	446.50	552	99	1.7
	Dec 2014	376	26	6	275	4.5	24	92	446.50	552	105	1.7
	Jan 2015	618	16	6	348	5.7	98	176	446.50	552	125	2.0
	Feb 2015	678	10	8	458	8.3	88	127	446.50	552	156	2.8
	Mar 2015	982	17	9	704	11.5	98	175	446.70	555	201	3.3
	Apr 2015	1102	21	11	801	13.5	95	169	448.70	593	212	3.6
	May 2015	983	20	13	707	11.5	98	173	448.70	593	111	1.8
	Jun 2015	944	15	16	698	11.7	95	137	448.70	593	109	1.8
	Jul 2015	861	25	17	733	11.9	98	38	448.00	580	111	1.8
	Aug 2015	812	24	17	648	10.5	98	70	447.50	571	105	1.7

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

Model Run ID: 2155

Processed On: 9/12/2013 4:14:33PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2013 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Sep 2012	635	10.7	1115.16	13135	-134	473.98	1809.0	261.9	100	412.2
	WY 2012	**9421**							**3985.6**		
H	Oct 2012	346	5.6	1116.50	13263	128	476.50	1051.0	141.3	58	409.0
I	Nov 2012	650	10.9	1117.24	13334	71	473.22	1051.0	276.3	58	424.7
S	Dec 2012	476	7.7	1120.36	13636	302	475.06	1520.0	198.5	84	417.3
T	Jan 2013	609	9.9	1122.32	13828	192	474.10	1062.0	259.8	59	426.6
O	Feb 2013	646	11.6	1122.14	13810	-18	475.07	1072.0	276.4	59	427.6
R	Mar 2013	987	16.1	1118.59	13465	-346	472.93	1073.0	425.6	59	431.1
I	Apr 2013	1103	18.5	1112.91	12921	-544	463.52	1042.0	467.6	57	423.9
C	May 2013	1007	16.4	1108.36	12495	-426	463.02	1353.0	419.9	75	417.1
A	Jun 2013	948	15.9	1105.98	12276	-219	460.72	1726.0	388.1	97	409.5
L	Jul 2013	865	14.1	1105.92	12270	-5	460.74	1753.0	348.3	100	402.7
*	Aug 2013	808	13.1	1106.13	12289	19	461.35	1737.0	325.9	100	403.4
	Sep 2013	596	10.0	1106.16	12292	3	452.99	1737.0	238.4	100	399.9
	WY 2013	**9040**							**3766.0**		
	Oct 2013	548	8.9	1105.36	12219	-73	458.20	1324.0	219.1	77	400.0
	Nov 2013	631	10.6	1103.75	12072	-147	459.15	1314.0	255.4	77	404.6
	Dec 2013	512	8.3	1105.08	12193	121	456.81	1396.0	208.6	81	407.2
	Jan 2014	718	11.7	1106.26	12301	108	460.00	745.0	306.2	43	426.3
	Feb 2014	714	12.9	1105.56	12237	-64	456.43	1183.0	296.9	69	415.8
	Mar 2014	1030	16.8	1101.32	11854	-383	451.89	1426.0	420.1	84	407.7
	Apr 2014	1115	18.7	1095.07	11300	-554	446.69	1334.0	458.6	80	411.2
	May 2014	1002	16.3	1090.68	10916	-384	441.34	1326.0	398.9	81	398.0
	Jun 2014	939	15.8	1086.49	10556	-360	436.08	1505.0	371.1	93	395.1
	Jul 2014	861	14.0	1085.35	10459	-97	433.20	1607.0	339.4	100	394.1
	Aug 2014	827	13.5	1085.20	10446	-13	432.73	1606.0	324.3	100	391.9
	Sep 2014	634	10.7	1084.86	10418	-29	433.62	1604.0	241.7	100	381.3
	WY 2014	**9533**							**3840.4**		
	Oct 2014	465	7.6	1084.96	10426	8	437.61	1308.0	180.5	81	388.3
	Nov 2014	610	10.3	1083.49	10302	-124	440.00	1089.0	241.6	68	395.9
	Dec 2014	500	8.1	1085.08	10437	135	436.15	1399.0	195.0	87	390.1
	Jan 2015	726	11.8	1086.28	10539	102	434.60	1513.0	282.0	94	388.3
	Feb 2015	696	12.5	1085.75	10493	-46	436.60	1103.1	276.9	69	397.7
	Mar 2015	1045	17.0	1081.05	10098	-395	431.97	1320.6	408.8	84	391.2
	Apr 2015	1132	19.0	1074.14	9531	-567	426.25	1226.5	445.1	80	393.3
	May 2015	1019	16.6	1069.18	9135	-397	420.27	1219.2	387.3	81	380.0
	Jun 2015	955	16.0	1064.45	8764	-371	414.53	1375.0	352.8	93	369.6
	Jul 2015	878	14.3	1063.07	8657	-107	411.25	1470.7	328.8	100	374.6
	Aug 2015	842	13.7	1062.79	8636	-21	410.59	1469.1	313.8	100	372.5

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

Model Run ID: 2155

Processed On: 9/12/2013 4:14:33PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2013 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
*	Sep 2012	723	12.1	639.55	1605	-111	137.86	255.0	96.5	100	133.5
	WY 2012	**9051**							**1153.5**		
H	Oct 2012	556	9.0	630.75	1377	-228	130.98	206.6	68.5	81	123.3
I	Nov 2012	499	8.4	635.82	1507	130	136.16	168.3	67.9	66	136.0
S	Dec 2012	395	6.4	638.30	1572	65	134.78	183.6	44.1	72	111.7
T	Jan 2013	510	8.3	641.20	1650	78	139.33	163.2	63.2	64	123.8
O	Feb 2013	609	11.0	641.78	1665	16	138.67	153.0	76.8	60	126.1
R	Mar 2013	956	15.5	642.06	1673	8	140.26	191.3	120.2	75	125.8
I	Apr 2013	1017	17.1	643.87	1723	49	142.09	252.5	128.5	99	126.3
C	May 2013	959	15.6	644.24	1733	10	143.40	244.8	121.8	96	127.0
A	Jun 2013	928	15.6	643.45	1711	-22	141.69	247.4	116.9	97	126.0
L	Jul 2013	810	13.2	643.66	1717	6	141.93	249.9	102.9	98	127.1
*	Aug 2013	749	12.2	644.35	1736	19	143.01	255.0	92.1	100	122.9
	Sep 2013	694	11.7	640.01	1617	-118	135.18	255.0	87.3	100	125.6
	WY 2013	**8682**							**1090.1**		
	Oct 2013	703	11.4	633.50	1447	-170	131.19	196.4	85.0	77	120.8
	Nov 2013	566	9.5	635.00	1486	38	129.88	158.1	67.6	62	119.3
	Dec 2013	388	6.3	638.71	1583	97	132.06	173.4	47.7	68	122.9
	Jan 2014	610	9.9	641.80	1666	83	135.97	163.2	76.0	64	124.5
	Feb 2014	696	12.5	641.80	1666	0	137.17	173.4	87.0	68	125.0
	Mar 2014	967	15.7	643.05	1700	34	135.44	255.0	120.5	100	124.5
	Apr 2014	1085	18.2	643.00	1699	-2	136.07	255.0	134.9	100	124.3
	May 2014	966	15.7	643.00	1699	0	136.04	255.0	120.8	100	125.1
	Jun 2014	929	15.6	642.00	1671	-27	135.51	255.0	115.7	100	124.6
	Jul 2014	845	13.7	641.50	1658	-14	134.73	255.0	105.2	100	124.6
	Aug 2014	797	13.0	641.50	1658	0	134.46	255.0	99.2	100	124.6
	Sep 2014	708	11.9	638.00	1564	-94	132.62	255.0	87.4	100	123.4
	WY 2014	**9260**							**1147.0**		
	Oct 2014	580	9.4	633.00	1434	-130	129.88	196.4	69.8	77	120.5
	Nov 2014	533	9.0	635.00	1486	51	129.62	158.1	63.5	62	119.3
	Dec 2014	376	6.1	638.71	1583	97	132.06	173.4	46.2	68	123.0
	Jan 2015	618	10.1	641.80	1666	83	135.97	163.2	76.9	64	124.5
	Feb 2015	678	12.2	641.80	1666	0	137.17	173.4	84.8	68	125.1
	Mar 2015	982	16.0	643.05	1700	34	135.44	255.0	122.2	100	124.5
	Apr 2015	1102	18.5	643.00	1699	-2	136.07	255.0	136.9	100	124.3
	May 2015	983	16.0	643.00	1699	0	136.04	255.0	122.8	100	125.0
	Jun 2015	944	15.9	642.00	1671	-27	135.51	255.0	117.6	100	124.6
	Jul 2015	861	14.0	641.50	1658	-14	134.73	255.0	107.2	100	124.5
	Aug 2015	812	13.2	641.50	1658	0	134.46	255.0	101.1	100	124.5

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

Model Run ID: 2155

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2013 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Sep 2012	548	9.2	446.98	561	-26	81.05	120.0	37.8	100	69.0
	WY 2012	**6652**							**458.2**		
H	Oct 2012	482	7.8	449.31	606	44	83.52	96.0	33.3	80	69.0
I	Nov 2012	348	5.9	448.06	581	-24	82.22	92.4	24.1	77	69.2
S	Dec 2012	289	4.7	446.41	550	-31	80.98	103.2	19.5	86	67.5
T	Jan 2013	352	5.7	448.01	580	30	83.56	102.0	24.4	85	69.4
O	Feb 2013	444	8.0	448.13	583	2	80.52	115.2	31.2	96	70.1
R	Mar 2013	680	11.1	447.58	572	-10	81.73	120.0	46.8	100	68.9
I	Apr 2013	765	12.9	448.35	587	15	82.42	97.2	51.1	81	66.8
C	May 2013	677	11.0	448.76	595	8	80.83	104.4	46.4	87	68.6
A	Jun 2013	688	11.6	448.45	589	-6	82.20	117.6	47.4	98	68.9
L	Jul 2013	626	10.2	448.51	590	1	80.88	120.0	43.4	100	69.3
*	Aug 2013	552	9.0	449.22	604	14	82.71	120.0	37.0	100	67.0
	Sep 2013	476	8.0	447.50	570	-33	75.72	120.0	31.1	100	65.4
	WY 2013	**6380**							**435.7**		
	Oct 2013	451	7.3	447.50	571	0	75.98	96.0	29.5	80	65.5
	Nov 2013	376	6.3	447.00	561	-9	75.92	92.4	24.4	77	65.0
	Dec 2013	260	4.2	445.00	525	-36	74.71	92.4	16.3	77	62.5
	Jan 2014	340	5.5	445.00	525	0	73.61	94.8	21.5	79	63.0
	Feb 2014	450	8.1	446.50	552	27	74.46	92.4	29.1	77	64.8
	Mar 2014	690	11.2	446.70	555	4	74.93	99.6	45.4	83	65.8
	Apr 2014	785	13.2	448.70	593	38	75.08	120.0	51.8	100	66.0
	May 2014	690	11.2	448.70	593	0	76.05	120.0	45.9	100	66.4
	Jun 2014	683	11.5	448.70	593	0	76.05	120.0	45.4	100	66.5
	Jul 2014	716	11.6	448.00	580	-13	75.71	120.0	47.5	100	66.3
	Aug 2014	633	10.3	447.50	571	-9	75.13	120.0	41.5	100	65.6
	Sep 2014	549	9.2	446.81	557	-13	74.55	120.0	35.6	100	64.9
	WY 2014	**6622**							**433.8**		
	Oct 2014	448	7.3	446.31	548	-9	74.77	102.0	28.9	85	64.6
	Nov 2014	376	6.3	446.50	552	3	74.62	102.0	24.1	85	64.1
	Dec 2014	275	4.5	446.50	552	0	74.71	102.0	17.2	85	62.7
	Jan 2015	348	5.7	446.50	552	0	74.71	102.0	22.2	85	63.7
	Feb 2015	458	8.3	446.50	552	0	73.92	120.0	29.4	100	64.2
	Mar 2015	704	11.5	446.70	555	4	74.01	120.0	45.7	100	64.9
	Apr 2015	801	13.5	448.70	593	38	75.08	120.0	52.9	100	66.0
	May 2015	707	11.5	448.70	593	0	76.05	120.0	47.0	100	66.5
	Jun 2015	698	11.7	448.70	593	0	76.05	120.0	46.5	100	66.5
	Jul 2015	733	11.9	448.00	580	-13	75.71	120.0	48.6	100	66.3
	Aug 2015	648	10.5	447.50	571	-9	75.13	120.0	42.5	100	65.6

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

Model Run ID: 2155

Processed On: 9/12/2013 4:14:33PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2013 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Sep 2012	214	27	17	25	12	4
	Summer 2012	**1849**	**232**	**123**	**168**	**94**	**31**
H	Oct 2012	221	20	8	13	6	2
S	Dec 2012	346	27	4	6	2	4
T	Jan 2013	349	28	4	6	2	4
O	Feb 2013	259	25	4	5	1	3
R	Mar 2013	258	20	4	5	2	3
	Winter 2013	**1433**	**121**	**23**	**35**	**12**	**15**
I	Apr 2013	235	19	10	14	8	3
C	May 2013	257	26	15	23	15	3
A	Jun 2013	344	52	18	26	16	3
L	Jul 2013	361	26	26	35	20	3
*	Aug 2013	338	26	23	31	18	3
	Sep 2013	231	23	20	28	13	3
	Summer 2013	**1767**	**171**	**111**	**157**	**90**	**19**
	Oct 2013	184	18	11	16	8	3
	Nov 2013	191	17	4	5	3	3
	Dec 2013	227	18	4	5	3	3
	Jan 2014	299	18	4	6	3	3
	Feb 2014	223	16	3	5	3	3
	Mar 2014	222	18	4	7	4	3
	Winter 2014	**1346**	**104**	**30**	**45**	**25**	**19**
	Apr 2014	184	17	8	14	8	5
	May 2014	224	37	27	44	23	6
	Jun 2014	229	34	10	18	13	8
	Jul 2014	310	20	27	35	18	10
	Aug 2014	308	20	29	36	18	7
	Sep 2014	230	20	21	27	14	3
	Summer 2014	**1486**	**147**	**122**	**172**	**95**	**39**
	Oct 2014	184	20	12	16	8	6
	Nov 2014	190	20	3	5	3	6
	Dec 2014	227	20	8	10	6	6
	Jan 2015	300	20	16	21	11	5
	Feb 2015	224	18	16	21	11	5
	Mar 2015	223	20	9	13	7	5
	Winter 2015	**900**	**80**	**39**	**51**	**28**	**24**
	Apr 2015	186	20	15	22	13	5
	May 2015	227	39	35	53	23	7
	Jun 2015	235	58	25	36	22	9
	Jul 2015	319	36	33	40	22	10
	Aug 2015	318	36	38	45	23	8

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Model Run ID: 2155

Processed On: 9/12/2013 4:14:33PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2013 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Sep 2013	1,033	475	831	13534	15873	15088	30960	1033	475	831	2339	13534	15088	30960	2270	596	0	29.3
Oct 2013	1,089	517	866	13826	16298	15085	31383	1089	517	866	2472	13826	15085	31383	3040	548	0	28.9
Nov 2013	1,120	534	863	13970	16487	15158	31645	1120	534	863	2517	13970	15158	31645	3810	631	0	28.6
Dec 2013	1,140	525	859	14156	16680	15305	31985	1140	525	859	2524	14156	15305	31985	4580	512	0	28.4
Jan 2014	1,169	518	862	14484	17033	15184	32217	1169	518	862	2549	14484	15184	32217	5350	718	0	28.1
								****EFFECTIVE SPACE****										
Jan 2014	1,169	518	862	14484	17033	15184	32217	438	343	380	1160	14484	15184	30828	5350	718	0	28.1
Feb 2014	1,193	516	878	14970	17556	15076	32632	460	341	395	1196	14970	15076	31242	1500	714	0	27.7
Mar 2014	1,208	511	885	15242	17846	15140	32987	472	337	402	1211	15242	15140	31594	1500	1030	0	27.3
Apr 2014	1,183	498	856	15425	17963	15523	33487	443	325	370	1139	15425	15523	32087	1500	1115	0	27.0
May 2014	1,127	470	797	15324	17719	16077	33796	380	294	291	965	15324	16077	32367	1500	1002	0	27.9
Jun 2014	1,078	396	694	14332	16501	16461	32962	322	206	153	681	14332	16461	31475	1500	939	0	28.9
Jul 2014	900	212	616	13378	15106	16821	31927	131	0	23	154	13378	16821	30353	1500	861	0	28.7
								****CREDITABLE SPACE****										
Aug 2014	786	208	650	13482	15126	16918	32043	786	208	650	1644	13482	16918	32043	1500	827	0	28.3
Sep 2014	785	244	696	13817	15542	16931	32472	785	244	696	1725	13817	16931	32472	2270	634	0	27.8
Oct 2014	804	270	717	14055	15846	16959	32805	804	270	717	1791	14055	16959	32805	3040	465	0	27.6
Nov 2014	814	269	711	14127	15921	16951	32872	814	269	711	1794	14127	16951	32872	3810	610	0	27.5
Dec 2014	824	248	704	14237	16013	17075	33089	824	248	704	1777	14237	17075	33089	4580	500	0	27.4
Jan 2015	848	248	705	14458	16259	16940	33200	848	248	705	1801	14458	16940	33200	5350	726	0	27.2
								****EFFECTIVE SPACE****										
Jan 2015	848	248	705	14458	16259	16940	33200	585	248	472	1306	14458	16940	32704	5350	726	0	27.2
Feb 2015	867	277	709	14825	16678	16838	33517	601	277	476	1354	14825	16838	33018	1500	696	0	27.0
Mar 2015	877	308	702	14995	16882	16884	33766	607	308	469	1384	14995	16884	33262	1500	1045	0	26.7
Apr 2015	836	303	646	15050	16835	17279	34114	560	303	409	1272	15050	17279	33601	1500	1132	0	26.6
May 2015	764	279	557	14754	16355	17846	34201	481	279	301	1061	14754	17846	33661	1500	1019	0	27.8
Jun 2015	639	195	416	13539	14789	18242	33032	344	193	123	660	13539	18242	32441	1500	955	0	29.3
Jul 2015	424	38	380	12084	12925	18613	31538	112	12	34	158	12084	18613	30855	1500	878	0	29.4
								****CREDITABLE SPACE****										
Aug 2015	330	27	404	11948	12709	18720	31429	330	27	404	762	11948	18720	31429	1500	842	0	29.0

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Processed On: 9/12/2013 4:14:33PM