March 24-Month Study
Date: March 11, 2013

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

Current Reservoir Status

Reservoir	February Inflow (unregulated) (acre-feet)	Percent of Average (%)	March 10 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	23,000	83	6473.39	133,000
Flaming Gorge	30,000	68	6019.75	2,971,000
Blue Mesa	16,000	71	7453.04	330,000
Navajo	13,000	42	6022.56	936,000
Powell	262,000	67	3600.68	11,815,000

Expected Operations

The operation of Lake Powell and Lake Mead in this March 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. The March 2013 24-Month Study projects the water year release volume from Lake Powell for 2013 to be 8.23 million acre-feet (maf).

Consistent with Section 6.B.3 of the Interim Guidelines, if the April 24-Month study projects the September 30 Lake Powell elevation to be greater than the 2013 Equalization elevation of 3,646.0 feet with an annual release from Lake Powell of 8.23 maf, the Equalization Tier will govern operations of Lake Powell for the remainder of the water year. If such an adjustment occurs, the water year release volume from Lake Powell may be greater than 8.23 maf. Based on analysis of a range of inflow scenarios, an adjustment to Equalization is not anticipated in 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.

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_final.pdf
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Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of February were 23,000 acre-feet (AF), or 83 percent of average. The reservoir elevation is 6474.3 feet, 40 percent of live capacity and will be decreasing over the winter. Inflows are averaging 300 cubic feet per second (cfs). Reservoir releases remain at 850 cfs and will likely remain near this level through the fall and winter months.

Inflows for the next three months are projected to be below average: with March, April and May forecasted inflow volumes at 38,000 AF (72% of average), 60,000 AF (70% of average), and 90,000 AF (55% of average), respectively. The Colorado Basin River Forecast Center has issued the official water supply forecast for the April through July unregulated inflow volume which is 435,000 af or 56 percent of the 1981-2010 thirty-year average.

The next Fontenelle Working Group meeting is scheduled for April 25, 2013, 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, 2012 at Joint Powers and Water Board in Green River, Wyoming. Minutes from the meeting are posted on the Working Group webpages.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of February was 30,000 acre-feet (af), or 68 percent of average. The reservoir elevation is 6019.7 feet and dropping. Observed inflows are approximately 800 cubic feet per second (cfs).

Forecasts remain below average and Flaming Gorge Dam is in the moderately dry hydrologic classification as outlined in the Record of Decision. Flaming Gorge Dam releases are currently steady at approximately 820 cfs, and are expected to remain at this level until spring runoff begins sometime in late May or early June. Information on spring releases will be updated throughout the next few months.

The Colorado Basin River Forecast Center has issued the official March water supply forecast for the April through July unregulated inflow volume which is 550,000 af or 56 percent of the 1981-2010 thirty-year average. The spring hydrologic classification would be moderately dry if the May 1 final unregulated inflow forecast into Flaming Gorge Reservoir remains in the range between 428,000 and 779,000 af. If conditions decrease

and the May 1 final forecast drops below 428,000 af, the hydrologic condition will be dry. Alternatively, if conditions improve and the May final forecast increases above 779,000 af, the hydrologic classification would be average (below median). into average (below median) if the May 1 final forecast increased above 779,000 af.

The next Flaming Gorge Working Group meeting is scheduled for April 24, 2013, at 11:00 a.m. at the new Utah Department of Natural Resources building in Vernal, Utah, located at 318 North Vernal Avenue. 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. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – February unregulated inflow into Blue Mesa Reservoir was 16,000 acre-feet or 71 percent of average. On March 7, 2013 the basin snowpack was 78 percent of average, which is a slight increase of 1.0 percent from a month earlier. Precipitation during February was only 65 percent of average. The current inflow rate into Blue Mesa Reservoir is about 300 cfs while reservoir releases are averaging about 275 cfs. The reservoir elevation is currently at 7452.99 feet, which corresponds to a storage content of about 529,000 acre-feet. This elevation is about 30 foot lower than last year's March elevation.

The latest Water Supply Forecast for Water Year 2013 has been issued and the April through July unregulated inflow is forecasted to be at 360,000 acre-feet (53% of normal), this is 10,000 acre-feet lower than last month's forecast. If this forecast holds through May 1st, the Black Canyon Water Right would call for a one day peak flow of 638 cfs. At this time Reclamation plans to continue to operate the Aspinall Unit to allow the water right to be met. Based on this forecast and the combination of meeting the Black Canyon Water this coming spring, Blue Mesa Reservoir is projected to not fill this runoff season. The projected fill is calculated to be about 7471.0 feet, or about 48.0 feet short of top of active conservation pool.

Releases from Crystal are currently set at 350 cfs. The Gunnison Diversion Tunnel is currently shut down for the season, with the exception of some small 20 to 30 cfs diversions taken for municipal water needs in Montrose, Colorado. The tunnel is expected to reopen for irrigation season sometime during the last week of March.

Reservoir releases are likely to change during March into May as we respond to changing forecasts and runoff conditions.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, April 25, 2013 starting at 1:00 PM in Reclamation's Grand Junction Office. At this meeting, review of this winter's reservoir operations, and plans for this spring and summer 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 Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir **–** Releases from Navajo Reservoir remain near a constant 350 cfs. Reservoir 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, therefore daily flows of less than 500 cfs may occur at some gages.

The current San Juan River basin snowpack as of March 7th is 79% of average snow water equivalent (SWE). For the Animas River Basin it is 81%. Pending significant changes in the weather and stream flow conditions, the reservoir release will likely remain at 350 cfs until further notice.

Precipitation for the month of February in the San Juan River basin was only 65% of average as compared to January's 130% and December's 100% of average. Unregulated inflow into Navajo Reservoir during the month of February was 12,600 acre-feet, or 42 percent of average. Currently, the daily reservoir inflow is averaging about 300 cfs. Diversions for NIIP have recently restarted and have been as high as 150 cfs. The reservoir water surface elevation is at 6022.56 feet, which corresponds to a storage content of about 936,000 acre-feet.

A public meeting on Navajo Reservoir operations will be held on Tuesday, April 23, 2013, starting at 1:00 pm at the Civic Center in Farmington, New Mexico (200 West Arrington Street). At this meeting, review of this winter's reservoir operations, and plans for this spring and summer operations will be discussed. 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 February was 262 thousand acre-feet (kaf) (67% of average). The release volume from Glen Canyon Dam in February was 600 kaf. The end of February elevation and storage of Lake Powell were 3601.5 feet (98.5 feet from full pool) and 11.89 maf (49% of full capacity). The reservoir elevation will continue to decline until snowmelt and spring runoff begin to fill the reservoir in late spring.

Current Operations

The operating tier for 2013 is the Upper Elevation Balancing Tier, as establish in August 2012 and pursuant to the Interim Guidelines. However, if the April 24-Month study projects the September 30 Lake Powell elevation to be greater than the 2013 Equalization elevation of 3,646.0 feet, the Equalization Tier will govern operations of Lake Powell for the remainder of the water year and the water year release volume from Lake Powell may be greater than 8.23 maf. Based on analysis of a range of inflow scenarios, an adjustment to Equalization is not anticipated in 2013. As hydrologic conditions for Lake Powell and Lake Mead change throughout the year, Reclamation will adjust operations of Glen Canyon Dam to release the appropriate annual volume during 2013 to achieve the governing operating tier objectives as practicably as possible by September 30, 2013.

Releases from Glen Canyon Dam in March are currently averaging approximately 10,000 cfs with daily fluctuations between approximately 7,000cfs and 13,000cfs and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). Releases in March are currently fluctuating between a nighttime low with a peak in the mid-morning and again in the evening. The scheduled release volume for March 2013 is 600 kaf.

In April, the release volume will likely be about 550 kaf, with fluctuations for hydropower of approximately 6,500 cfs in the nighttime and double peaking up to 11,500 cfs during the mid-morning and evening hours. In May, the release volume will likely be about 600 kaf with double-peaking fluctuations between approximately 7,000 cfs and 13,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,100 cfs above or below the hourly scheduled release rate. Typically, fluctuations for system regulation are very short lived and balance out over the hour and do not have 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 1,100 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 for the April to July water supply season projects that the most probable (median) unregulated inflow volume will be 3.4 maf (47% of average based on the period 1981-2010). The forecast has continued to decrease throughout the winter season. Based on the current forecast, the March 24-Month study projects the annual release volume for water year 2013 will be 8.23 maf and the end of water year reservoir elevation and storage for Lake Powell will be 3589.5 and 10.78 maf (44% capacity), respectively.

Consistent with Section 6.B.3 of the Interim Guidelines, if hydrologic conditions and projections become dramatically wetter, it is possible that beginning in April, the Equalization tier will govern the operations of Lake Powell for the remainder of the water year and the release volume for 2013 could be greater than 8.23 maf. However, given current conditions and observed inflows, the Powell unregulated inflow forecast would need to increase by over 7 maf over the next several weeks to trigger an adjustment to equalization this year. Based on analysis of a range of inflow scenarios and forecasts, an adjustment to equalization is not anticipated in 2013.

Upper Colorado River Basin Hydrology – Since 2005, the Upper Colorado River Basin has experienced significant year to year hydrologic variability. The unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, has averaged a water year volume of 10.22 maf (94% of average (period 1981-2010)) during the period from 2005 through 2012. The hydrologic variability during this period has been from a low water year unregulated inflow volume of 4.91 maf (45% of average) in water year 2012 to a high water year unregulated inflow volume of 15.97 maf (147% of average) in water year 2011. Based on observed inflows and current forecasts, water year 2013 unregulated inflow is expected to be 5.31 maf (49% of average).

Overall reservoir storage in the Colorado River Basin has increased by approximately 4 maf since the beginning of water year 2005 and this is an improvement over the persistent drought conditions during water years 2000 through 2004. From the beginning of water year 2005 to the beginning of water year 2013, the total reservoir storage in the Colorado River Basin increased from 29.8 maf (50% of capacity) to 33.9 maf (57 % of capacity). However, during this time, total Colorado Basin storage experienced year to year increases and decreases in response to wet and dry hydrology. Given observed inflows and current forecasts, the projected end of water year 2013 total reservoir storage is approximately 29.7 maf (50% of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
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SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			feb	Forecast		Outlook		
:	nov	dec	jan	feb	%Avg	mar	apr	may	apr-jul	%Avg
GLDA3:Lake Powell	246	201	168	262	67%:	380/	550/	1000/	3400/:	47%
GBRW4:Fontenelle	35	28	23	23	83%:	38/	60/	90/	435/:	60%
GRNU1:Flaming Gorge	39	26	24	30	68%:	68/	95/	130/	550/:	56%
BMDC2:Blue Mesa	18.8	17.7	15.9	15.8	71%:	24/	55/	119/	360/:	53%
MPSC2:Morrow Point	19.6	18.4	16.7	16.5	66%:	25/	60/	130/	390/:	53%
CLSC2:Crystal	23	22	20	19.8	69%:	30/	68/	149/	430/:	51%
TPIC2:Taylor Park	3.0	3.1	2.9	2.7	71%:	2.7/	5.5/	15.5/	55/:	56%
VCRC2:Vallecito	3.1	3.0	3.3	2.9	61%:	3.8/	13/	55/	140/:	72%
NVRN5:Navajo	9.1	11.9	14.1	12.6	42%:	43/	85/	205/	490/:	67%
LEMC2:Lemon	0.46	0.42	0.28	0.40	52%:	0.8/	4/	17/	40/:	73%
MPHC2:McPhee	1.71	1.60	2.3	2.2	42%:	8/	33/	75/	165/:	56%
RBSC2:Ridgway	3.8	3.6	2.4	1.78	49%:	4/	8/	18/	67/:	66%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 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)
*	Mar 2012	64	0	67	0	67	6470.82	123
H	Apr 2012	98	1	60	0	60	6478.72	160
I	May 2012	130	1	61	0	62	6489.92	227
S	Jun 2012	189	2	83	16	99	6502.11	315
T	Jul 2012	92	3	72	3	75	6503.94	329
O	Aug 2012	36	2	68	0	68	6499.56	296
R	Sep 2012	23	2	46	8	54	6495.11	263
	WY 2012	**825**	**15**	**750**	**94**	**845**		
I	Oct 2012	29	1	25	28	53	6491.56	238
C	Nov 2012	35	1	22	28	51	6489.08	221
A	Dec 2012	28	1	52	0	52	6485.19	196
L	Jan 2013	23	1	53	0	53	6479.94	166
*	Feb 2013	23	0	48	0	48	6475.03	141
	Mar 2013	38	0	54	0	54	6471.44	125
	Apr 2013	60	1	51	0	51	6473.40	134
	May 2013	90	1	52	0	52	6480.67	171
	Jun 2013	187	2	58	0	58	6499.80	297
	Jul 2013	98	3	60	0	60	6504.38	333
	Aug 2013	45	2	60	0	60	6502.18	316
	Sep 2013	40	2	66	0	66	6498.45	287
	WY 2013	**696**	**15**	**601**	**56**	**657**		
	Oct 2013	44	1	48	21	69	6494.96	262
	Nov 2013	40	1	66	0	66	6491.11	235
	Dec 2013	32	1	69	0	69	6485.36	198
	Jan 2014	30	1	69	0	69	6478.59	159
	Feb 2014	28	0	62	0	62	6471.28	125
	Mar 2014	53	0	69	0	69	6467.36	108
	Apr 2014	85	1	74	0	74	6469.90	119
	May 2014	164	1	99	6	105	6481.76	177
	Jun 2014	299	2	103	76	179	6499.51	295
	Jul 2014	178	3	101	28	129	6505.40	341
	Aug 2014	77	2	80	0	80	6504.68	335
	Sep 2014	46	2	36	41	77	6500.38	302
	WY 2014	**1076**	**15**	**874**	**172**	**1046**		
	Oct 2014	49	1	71	0	71	6497.25	279
	Nov 2014	42	1	68	0	68	6493.45	251
	Dec 2014	32	1	71	0	71	6487.54	212
	Jan 2015	30	1	71	0	71	6480.76	171
	Feb 2015	28	1	64	0	64	6473.45	134

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

Model Run ID: 2140

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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March 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)
*	Mar 2012	104	107	3	162	0	162	130	6026.95	3233	286
H	Apr 2012	136	98	5	122	0	122	129	6026.21	3205	331
I	May 2012	153	85	8	159	19	178	125	6023.57	3108	385
S	Jun 2012	188	98	10	87	0	87	125	6023.59	3108	154
T	Jul 2012	93	76	12	84	0	84	124	6023.04	3088	99
O	Aug 2012	29	60	12	80	0	80	123	6022.19	3058	90
R	Sep 2012	19	50	10	68	0	68	122	6021.43	3030	79
	WY 2012	**990**	**1010**	**78**	**1366**	**20**	**1386**				**2278**
I	Oct 2012	24	48	7	52	0	52	122	6021.15	3020	71
C	Nov 2012	39	55	3	49	0	49	122	6021.23	3023	75
A	Dec 2012	25	50	2	70	0	70	121	6020.63	3002	110
L	Jan 2013	24	53	2	74	0	74	120	6020.03	2981	398
*	Feb 2013	30	55	2	67	0	67	119	6019.65	2967	388
	Mar 2013	68	84	3	52	0	52	121	6020.44	2995	52
	Apr 2013	95	86	5	48	0	48	122	6021.34	3027	48
	May 2013	130	92	7	95	0	95	121	6021.06	3017	95
	Jun 2013	210	81	10	102	0	102	120	6020.24	2988	102
	Jul 2013	115	77	13	52	0	52	121	6020.57	3000	52
	Aug 2013	50	65	12	52	0	52	121	6020.60	3001	52
	Sep 2013	38	64	10	51	0	51	121	6020.69	3004	51
	WY 2013	**848**	**810**	**75**	**763**	**0**	**763**				**1493**
	Oct 2013	47	71	7	52	0	52	121	6021.01	3015	52
	Nov 2013	46	72	3	51	0	51	122	6021.49	3033	51
	Dec 2013	35	71	2	52	0	52	123	6021.96	3049	52
	Jan 2014	40	79	2	52	0	52	124	6022.62	3073	52
	Feb 2014	45	79	2	47	0	47	125	6023.40	3102	47
	Mar 2014	102	118	3	52	0	52	127	6025.05	3162	52
	Apr 2014	134	122	5	51	0	51	130	6026.79	3227	51
	May 2014	245	186	8	105	0	105	133	6028.64	3297	105
	Jun 2014	390	269	10	225	0	225	134	6029.49	3329	225
	Jul 2014	210	162	14	106	0	106	135	6030.54	3370	106
	Aug 2014	89	92	13	106	0	106	134	6029.88	3344	106
	Sep 2014	55	87	11	102	0	102	133	6029.20	3318	102
	WY 2014	**1437**	**1408**	**79**	**1001**	**0**	**1001**				**1001**
	Oct 2014	59	81	7	106	0	106	132	6028.39	3287	106
	Nov 2014	51	77	3	102	0	102	131	6027.67	3260	102
	Dec 2014	35	74	2	106	0	106	130	6026.80	3227	106
	Jan 2015	40	81	2	106	0	106	129	6026.11	3202	106
	Feb 2015	45	81	2	96	0	96	128	6025.68	3185	96

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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March 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)
*	Mar 2012	6	5	9308.28	67
H	Apr 2012	10	4	9311.81	73
I	May 2012	15	8	9316.40	81
S	Jun 2012	9	15	9312.87	75
T	Jul 2012	6	14	9307.53	66
O	Aug 2012	4	12	9302.28	58
R	Sep 2012	4	6	9300.80	56
	WY 2012	**80**	**95**		
I	Oct 2012	4	4	9301.04	57
C	Nov 2012	3	3	9301.07	57
A	Dec 2012	3	3	9301.09	57
L	Jan 2013	3	3	9301.07	57
*	Feb 2013	3	3	9301.01	57
	Mar 2013	3	3	9300.79	56
	Apr 2013	6	3	9302.58	59
	May 2013	16	6	9308.95	68
	Jun 2013	24	12	9316.51	81
	Jul 2013	10	15	9313.34	75
	Aug 2013	6	13	9309.20	69
	Sep 2013	5	12	9304.52	62
	WY 2013	**84**	**79**		
	Oct 2013	5	6	9303.84	61
	Nov 2013	5	5	9303.86	61
	Dec 2013	5	5	9303.98	61
	Jan 2014	4	5	9303.88	61
	Feb 2014	4	5	9303.39	60
	Mar 2014	4	5	9303.35	60
	Apr 2014	9	5	9306.25	64
	May 2014	28	10	9317.45	82
	Jun 2014	42	24	9326.94	100
	Jul 2014	20	24	9324.96	96
	Aug 2014	10	24	9317.54	83
	Sep 2014	7	20	9310.01	70
	WY 2014	**143**	**135**		
	Oct 2014	7	14	9305.22	63
	Nov 2014	5	6	9304.62	62
	Dec 2014	5	6	9303.71	60
	Jan 2015	4	6	9302.56	59
	Feb 2015	4	6	9300.99	57

* 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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Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2012	40	39	0	32	0	32	7484.49	539
H	Apr 2012	57	51	1	58	0	58	7483.54	532
I	May 2012	74	66	1	71	0	71	7482.82	527
S	Jun 2012	45	50	1	93	0	93	7476.82	483
T	Jul 2012	30	39	1	90	0	90	7469.29	431
O	Aug 2012	28	36	1	79	0	79	7462.48	387
R	Sep 2012	19	21	1	67	0	67	7454.82	340
	WY 2012	**427**	**442**	**7**	**793**	**0**	**793**		
I	Oct 2012	20	20	0	33	0	33	7452.55	327
C	Nov 2012	19	19	0	19	0	19	7452.39	326
A	Dec 2012	18	18	0	16	0	16	7452.65	328
L	Jan 2013	16	16	0	15	0	15	7452.77	328
*	Feb 2013	16	16	0	15	0	15	7452.95	329
	Mar 2013	24	24	0	28	0	28	7452.25	325
	Apr 2013	55	53	1	37	0	37	7454.83	340
	May 2013	119	110	1	56	0	56	7463.46	393
	Jun 2013	133	121	1	61	0	61	7472.27	451
	Jul 2013	53	58	1	98	0	98	7466.19	410
	Aug 2013	35	42	1	95	0	95	7457.55	356
	Sep 2013	27	34	1	78	0	78	7449.86	312
	WY 2013	**535**	**529**	**6**	**551**	**0**	**551**		
	Oct 2013	31	32	0	44	0	44	7447.68	300
	Nov 2013	28	28	0	14	0	14	7450.20	314
	Dec 2013	26	25	0	13	0	13	7452.38	326
	Jan 2014	24	24	0	15	0	15	7454.00	335
	Feb 2014	22	23	0	13	0	13	7455.70	345
	Mar 2014	36	36	0	16	0	16	7458.98	365
	Apr 2014	77	73	1	27	0	27	7466.15	410
	May 2014	221	203	1	118	0	118	7478.36	494
	Jun 2014	261	243	1	36	0	36	7504.66	700
	Jul 2014	117	121	2	81	0	81	7509.13	738
	Aug 2014	63	77	1	115	0	115	7504.57	699
	Sep 2014	38	51	1	106	0	106	7497.76	643
	WY 2014	**945**	**937**	**8**	**598**	**0**	**598**		
	Oct 2014	38	46	1	58	0	58	7496.16	630
	Nov 2014	31	32	0	29	0	29	7496.51	633
	Dec 2014	26	27	0	78	0	78	7490.00	581
	Jan 2015	24	26	0	67	0	67	7484.61	540
	Feb 2015	22	25	0	60	0	60	7479.79	504

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 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)
*	Mar 2012	43	32	2	35	34	0	34	7156.25	114
H	Apr 2012	63	58	6	64	63	0	63	7157.05	115
I	May 2012	80	71	6	76	79	0	79	7154.07	112
S	Jun 2012	45	93	1	93	93	0	93	7154.59	113
T	Jul 2012	31	90	0	90	89	0	89	7155.86	114
O	Aug 2012	28	79	0	80	80	0	80	7154.84	113
R	Sep 2012	19	67	0	68	71	0	71	7150.03	109
	WY 2012	**447**	**793**	**21**	**814**	**811**	**0**	**811**		
I	Oct 2012	22	33	1	34	40	0	40	7142.80	104
C	Nov 2012	20	19	1	20	16	0	16	7148.49	108
A	Dec 2012	18	16	1	17	18	0	18	7146.50	106
L	Jan 2013	17	15	1	16	17	0	17	7144.75	105
*	Feb 2013	17	15	1	15	16	0	16	7144.30	105
	Mar 2013	25	28	1	29	22	0	22	7153.73	112
	Apr 2013	60	37	5	42	42	0	42	7153.73	112
	May 2013	130	56	11	67	67	0	67	7153.73	112
	Jun 2013	144	61	11	72	72	0	72	7153.73	112
	Jul 2013	56	98	3	101	101	0	101	7153.73	112
	Aug 2013	38	95	3	98	98	0	98	7153.73	112
	Sep 2013	30	78	3	81	81	0	81	7153.73	112
	WY 2013	**576**	**551**	**41**	**592**	**589**	**0**	**589**		
	Oct 2013	34	44	3	46	46	0	46	7153.73	112
	Nov 2013	30	14	2	16	16	0	16	7153.73	112
	Dec 2013	28	13	2	15	15	0	15	7153.73	112
	Jan 2014	27	15	2	17	17	0	17	7153.73	112
	Feb 2014	25	13	3	16	16	0	16	7153.73	112
	Mar 2014	40	16	4	20	20	0	20	7153.73	112
	Apr 2014	88	27	11	38	38	0	38	7153.73	112
	May 2014	247	118	26	144	144	0	144	7153.73	112
	Jun 2014	281	36	20	56	56	0	56	7153.73	112
	Jul 2014	123	81	6	87	87	0	87	7153.73	112
	Aug 2014	67	115	3	118	118	0	118	7153.73	112
	Sep 2014	41	106	3	109	109	0	109	7153.73	112
	WY 2014	**1030**	**598**	**85**	**683**	**683**	**0**	**683**		
	Oct 2014	41	58	3	61	61	0	61	7153.73	112
	Nov 2014	33	29	2	31	31	0	31	7153.73	112
	Dec 2014	28	78	2	80	80	0	80	7153.73	112
	Jan 2015	27	67	2	69	69	0	69	7153.73	112
	Feb 2015	25	60	3	63	63	0	63	7153.73	112

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

March 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)
*	Mar 2012	49	34	6	40	40	0	40	6751.80	17	6	35
H	Apr 2012	71	63	8	71	71	0	71	6752.10	17	50	23
I	May 2012	86	79	6	84	86	0	86	6745.87	15	65	24
S	Jun 2012	49	93	3	96	97	0	97	6744.24	14	63	37
T	Jul 2012	35	89	4	93	93	0	93	6745.39	15	62	36
O	Aug 2012	32	80	3	84	84	0	84	6743.63	14	52	38
R	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**
I	Oct 2012	24	40	3	42	40	0	40	6750.72	16	20	20
C	Nov 2012	23	16	4	19	21	0	21	6746.77	15	1	19
A	Dec 2012	22	18	4	22	22	0	22	6749.11	16	1	20
L	Jan 2013	20	17	4	21	19	2	21	6747.09	15	0	20
*	Feb 2013	20	16	3	19	10	9	19	6745.57	15	0	19
	Mar 2013	30	22	5	27	25	0	25	6753.04	17	5	20
	Apr 2013	68	42	8	50	50	0	50	6753.04	17	30	20
	May 2013	149	67	19	86	86	0	86	6753.04	17	55	31
	Jun 2013	153	72	9	81	81	0	81	6753.04	17	60	21
	Jul 2013	60	101	4	105	105	0	105	6753.04	17	65	40
	Aug 2013	42	98	4	102	102	0	102	6753.04	17	65	37
	Sep 2013	34	81	4	85	85	0	85	6753.04	17	55	30
	WY 2013	**646**	**589**	**70**	**660**	**645**	**12**	**657**			**357**	**297**
	Oct 2013	38	46	5	51	51	0	51	6753.04	17	30	21
	Nov 2013	35	16	4	21	21	0	21	6753.04	17	0	21
	Dec 2013	32	15	5	20	20	0	20	6753.04	17	0	20
	Jan 2014	31	17	5	22	22	0	22	6753.04	17	0	22
	Feb 2014	29	16	4	19	19	0	19	6753.04	17	0	19
	Mar 2014	46	20	6	26	26	0	26	6753.04	17	5	21
	Apr 2014	101	38	12	51	51	0	51	6753.04	17	30	21
	May 2014	281	144	34	178	134	44	178	6753.04	17	55	123
	Jun 2014	315	56	34	90	90	0	90	6753.04	17	60	30
	Jul 2014	138	87	14	102	102	0	102	6753.04	17	65	37
	Aug 2014	75	118	8	127	127	0	127	6753.04	17	65	62
	Sep 2014	47	109	6	115	115	0	115	6753.04	17	55	60
	WY 2014	**1168**	**683**	**138**	**821**	**777**	**44**	**821**			**365**	**456**
	Oct 2014	47	61	6	67	67	0	67	6753.04	17	30	37
	Nov 2014	38	31	5	36	36	0	36	6753.04	17	0	36
	Dec 2014	32	80	5	85	85	0	85	6753.04	17	0	85
	Jan 2015	31	69	5	74	74	0	74	6753.04	17	0	74
	Feb 2015	29	63	4	66	66	0	66	6753.04	17	0	66

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 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)
*	Mar 2012	12	4	7648.84	84
H	Apr 2012	36	3	7661.80	117
I	May 2012	42	35	7664.36	124
S	Jun 2012	17	36	7656.80	104
T	Jul 2012	11	35	7647.02	80
O	Aug 2012	7	33	7634.93	54
R	Sep 2012	4	22	7624.48	36
	WY 2012	**168**	**188**		
I	Oct 2012	3	3	7624.51	36
C	Nov 2012	3	1	7625.69	37
A	Dec 2012	3	0	7627.33	40
L	Jan 2013	3	0	7629.10	43
*	Feb 2013	3	0	7630.60	46
	Mar 2013	4	0	7632.43	49
	Apr 2013	13	0	7638.74	62
	May 2013	55	27	7650.87	89
	Jun 2013	52	41	7655.18	100
	Jul 2013	20	38	7647.36	81
	Aug 2013	16	34	7639.11	62
	Sep 2013	14	24	7633.78	52
	WY 2013	**190**	**171**		
	Oct 2013	14	12	7634.70	53
	Nov 2013	8	0	7638.58	61
	Dec 2013	6	0	7641.38	67
	Jan 2014	5	0	7643.66	72
	Feb 2014	5	0	7645.60	77
	Mar 2014	9	0	7649.06	85
	Apr 2014	23	2	7657.37	105
	May 2014	71	51	7664.94	125
	Jun 2014	70	70	7664.89	125
	Jul 2014	29	42	7659.95	112
	Aug 2014	20	38	7652.68	93
	Sep 2014	17	30	7647.48	81
	WY 2014	**278**	**245**		
	Oct 2014	16	17	7646.72	79
	Nov 2014	9	4	7648.89	84
	Dec 2014	6	4	7649.98	87
	Jan 2015	5	4	7650.69	89
	Feb 2015	5	3	7651.31	90

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

March 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)
*	Mar 2012	74	7	61	2	6	31	6056.81	1308	70
H	Apr 2012	149	18	98	2	27	30	6059.88	1346	97
I	May 2012	131	17	105	4	34	110	6056.40	1303	177
S	Jun 2012	20	4	35	4	46	42	6051.70	1246	57
T	Jul 2012	10	1	33	4	44	52	6045.91	1178	60
O	Aug 2012	0	0	26	3	45	55	6038.86	1101	47
R	Sep 2012	-2	0	17	2	22	58	6032.62	1035	56
	WY 2012	**523**	**53**	**490**	**26**	**236**	**521**			**814**
I	Oct 2012	3	0	3	1	11	40	6027.78	986	43
C	Nov 2012	9	0	7	1	0	23	6026.11	970	32
A	Dec 2012	12	0	9	0	0	22	6024.73	957	30
L	Jan 2013	14	0	11	0	0	20	6023.77	947	
*	Feb 2013	13	0	10	1	0	19	6022.74	938	35
	Mar 2013	43	1	38	1	3	22	6024.11	951	22
	Apr 2013	85	12	61	2	17	21	6026.23	971	21
	May 2013	205	27	150	3	32	22	6035.45	1064	22
	Jun 2013	155	22	121	3	48	21	6040.09	1114	21
	Jul 2013	45	3	60	4	53	29	6037.78	1089	29
	Aug 2013	40	0	58	3	45	38	6035.12	1061	38
	Sep 2013	36	0	46	2	25	32	6033.86	1048	32
	WY 2013	**660**	**66**	**576**	**22**	**234**	**306**			**323**
	Oct 2013	42	0	40	1	7	29	6034.08	1050	29
	Nov 2013	32	0	24	1	0	23	6034.05	1050	23
	Dec 2013	25	0	19	1	0	28	6033.16	1041	28
	Jan 2014	22	0	17	1	0	28	6032.04	1029	28
	Feb 2014	30	0	26	1	0	25	6032.01	1029	25
	Mar 2014	92	2	82	1	2	24	6037.22	1083	24
	Apr 2014	170	14	135	2	18	21	6045.87	1178	21
	May 2014	277	37	220	3	33	40	6057.96	1322	40
	Jun 2014	224	32	191	4	48	86	6062.09	1375	86
	Jul 2014	66	6	72	4	53	22	6061.53	1367	22
	Aug 2014	45	2	61	4	46	27	6060.35	1352	27
	Sep 2014	43	0	55	3	26	27	6060.30	1352	27
	WY 2014	**1068**	**94**	**941**	**26**	**232**	**380**			**380**
	Oct 2014	47	1	47	2	7	28	6061.14	1362	28
	Nov 2014	34	1	27	1	0	25	6061.28	1364	25
	Dec 2014	25	0	22	1	0	28	6060.76	1357	28
	Jan 2015	22	0	20	1	0	28	6060.06	1349	28
	Feb 2015	30	0	29	1	0	25	6060.30	1352	25

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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March 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 (1000 Ac-Ft)
*	Mar 2012	560	625	19	600	0	600	3635.33	5290	15458	607
H	Apr 2012	764	689	29	606	0	606	3635.76	5294	15508	612
I	May 2012	792	770	35	601	0	601	3636.83	5304	15632	606
S	Jun 2012	353	398	54	709	0	709	3633.90	5277	15294	712
T	Jul 2012	154	285	62	886	0	886	3628.45	5228	14680	892
O	Aug 2012	101	289	60	800	0	800	3623.62	5186	14151	810
R	Sep 2012	104	296	54	481	0	481	3621.56	5168	13929	478
	WY 2012	**4908**	**5964**	**455**	**9466**	**0**	**9466**				**9527**
I	Oct 2012	190	294	37	498	0	498	3619.46	5150	13706	495
C	Nov 2012	246	273	35	652	78	730	3615.10	5114	13251	736
A	Dec 2012	201	247	27	801	0	801	3609.82	5071	12713	800
L	Jan 2013	168	230	8	801	0	801	3604.42	5028	12177	801
*	Feb 2013	262	300	9	600	0	600	3601.47	5005	11891	595
	Mar 2013	380	341	14	600	0	600	3598.82	4985	11637	600
	Apr 2013	550	449	23	550	0	550	3597.61	4976	11524	550
	May 2013	1000	779	27	600	0	600	3599.10	4987	11664	600
	Jun 2013	1350	1106	42	800	0	800	3601.65	5006	11908	800
	Jul 2013	500	522	50	850	0	850	3597.97	4978	11558	850
	Aug 2013	220	325	49	800	0	800	3592.77	4940	11073	800
	Sep 2013	240	325	44	600	0	600	3589.53	4916	10778	600
	WY 2013	**5308**	**5190**	**364**	**8152**	**78**	**8230**				**8227**
	Oct 2013	372	384	30	600	0	600	3586.99	4898	10550	600
	Nov 2013	408	390	28	600	0	600	3584.50	4880	10330	600
	Dec 2013	363	370	22	800	0	800	3579.67	4847	9911	800
	Jan 2014	361	370	7	800	0	800	3574.87	4814	9507	800
	Feb 2014	393	381	7	600	0	600	3572.34	4798	9298	600
	Mar 2014	665	532	12	600	0	600	3571.44	4792	9224	600
	Apr 2014	1056	805	19	600	0	600	3573.54	4805	9396	600
	May 2014	2343	1932	23	600	0	600	3587.64	4902	10608	600
	Jun 2014	2666	2219	40	650	0	650	3602.84	5016	12023	650
	Jul 2014	1091	966	51	850	0	850	3603.46	5020	12083	850
	Aug 2014	500	598	51	900	0	900	3600.07	4994	11757	900
	Sep 2014	408	533	46	630	0	630	3598.68	4984	11624	630
	WY 2014	**10625**	**9480**	**336**	**8230**	**0**	**8230**				**8230**
	Oct 2014	512	568	32	600	0	600	3598.05	4979	11565	600
	Nov 2014	473	514	31	600	0	600	3596.91	4970	11457	600
	Dec 2014	363	490	24	800	0	800	3593.58	4946	11148	800
	Jan 2015	361	476	7	800	0	800	3590.22	4921	10841	800
	Feb 2015	393	476	8	600	0	600	3588.88	4911	10719	600

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Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Mar 2012	600	43	38	986	16.0	16	985	945	1129.41	14535
H	Apr 2012	606	46	46	1170	19.7	20	1163	909	1123.93	13986
I	May 2012	601	16	52	1008	16.4	30	1007	880	1119.38	13541
S	Jun 2012	709	7	62	989	16.6	28	989	858	1115.84	13200
T	Jul 2012	886	69	77	841	13.7	29	819	858	1115.92	13207
O	Aug 2012	800	169	82	798	13.0	24	793	862	1116.56	13269
R	Sep 2012	481	97	67	635	10.7	18	634	854	1115.16	13135
	WY 2012	**9466**	**730**	**638**	**9421**		**227**	**9356**			
I	Oct 2012	498	53	49	346	5.6	20	331	862	1116.50	13263
C	Nov 2012	730	60	49	650	10.9	14	649	867	1117.24	13334
A	Dec 2012	801	50	43	476	7.7	11	432	886	1120.36	13636
L	Jan 2013	801	55	35	609	9.9	8	591	899	1122.32	13828
*	Feb 2013	600	70	32	646	11.6	10	645	898	1122.14	13810
	Mar 2013	600	77	36	982	16.0	22	982	875	1118.64	13469
	Apr 2013	550	81	44	1109	18.6	15	1109	843	1113.37	12964
	May 2013	600	64	50	1038	16.9	25	1038	815	1108.87	12542
	Jun 2013	800	32	59	945	15.9	23	945	803	1106.88	12358
	Jul 2013	850	54	73	923	15.0	29	923	796	1105.64	12244
	Aug 2013	800	109	78	854	13.9	24	854	793	1105.15	12200
	Sep 2013	600	81	64	692	11.6	20	692	787	1104.18	12111
	WY 2013	**8230**	**786**	**612**	**9271**		**223**	**9191**			
	Oct 2013	600	54	46	514	8.4	18	514	792	1104.96	12182
	Nov 2013	600	44	46	611	10.3	25	611	790	1104.57	12147
	Dec 2013	800	99	40	530	8.6	20	530	808	1107.74	12437
	Jan 2014	800	82	33	704	11.5	16	704	816	1109.04	12558
	Feb 2014	600	94	31	674	12.1	18	674	815	1108.76	12532
	Mar 2014	600	77	34	1023	16.6	21	1023	790	1104.66	12155
	Apr 2014	600	81	41	1109	18.6	14	1109	761	1099.62	11701
	May 2014	600	64	47	997	16.2	24	997	736	1095.33	11322
	Jun 2014	650	32	56	932	15.7	22	932	716	1091.80	11013
	Jul 2014	850	54	69	855	13.9	28	855	713	1091.27	10967
	Aug 2014	900	109	74	820	13.3	23	820	718	1092.26	11053
	Sep 2014	630	81	61	625	10.5	19	625	719	1092.33	11059
	WY 2014	**8230**	**870**	**579**	**9394**		**247**	**9394**			
	Oct 2014	600	54	44	456	7.4	17	456	727	1093.80	11188
	Nov 2014	600	44	44	598	10.0	23	598	726	1093.57	11167
	Dec 2014	800	99	39	485	7.9	18	485	748	1097.38	11503
	Jan 2015	800	82	32	717	11.7	16	717	755	1098.62	11612
	Feb 2015	600	94	29	687	12.4	18	687	752	1098.19	11574

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

Model Run ID: 2140

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 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)
*	Mar 2012	986	-23	13	931	0	931	15.1	641.93	1670
H	Apr 2012	1170	-24	17	1091	0	1091	18.3	643.35	1708
I	May 2012	1008	-14	22	980	0	980	15.9	643.06	1700
S	Jun 2012	989	-19	25	952	0	952	16.0	642.80	1693
T	Jul 2012	841	-9	25	805	0	805	13.1	642.89	1696
O	Aug 2012	798	-11	23	744	0	744	12.1	643.63	1716
R	Sep 2012	635	-5	18	723	0	723	12.1	639.55	1605
	WY 2012	**9421**	**-177**	**197**	**9051**	**0**	**9051**			
I	Oct 2012	346	-3	14	556	0	556	9.0	630.75	1377
C	Nov 2012	650	-11	10	499	0	499	8.4	635.82	1507
A	Dec 2012	476	-6	9	395	0	395	6.4	638.30	1572
L	Jan 2013	609	-11	10	510	0	510	8.3	641.20	1650
*	Feb 2013	646	-12	10	609	0	609	11.0	641.78	1665
	Mar 2013	982	-16	13	934	0	934	15.2	642.50	1685
	Apr 2013	1109	-15	17	1064	0	1064	17.9	643.00	1699
	May 2013	1038	-14	22	1002	0	1002	16.3	643.00	1699
	Jun 2013	945	-12	25	935	0	935	15.7	642.00	1671
	Jul 2013	923	-5	25	906	0	906	14.7	641.50	1658
	Aug 2013	854	-8	23	823	0	823	13.4	641.50	1658
	Sep 2013	692	-1	18	766	0	766	12.9	638.00	1564
	WY 2013	**9271**	**-115**	**196**	**9000**	**0**	**9000**			
	Oct 2013	514	0	15	629	0	629	10.2	633.00	1434
	Nov 2013	611	-16	10	533	0	533	9.0	635.00	1486
	Dec 2013	530	-17	9	406	0	406	6.6	638.71	1583
	Jan 2014	704	-16	10	596	0	596	9.7	641.80	1666
	Feb 2014	674	-8	10	656	0	656	11.8	641.80	1666
	Mar 2014	1023	-16	13	960	0	960	15.6	643.05	1700
	Apr 2014	1109	-15	17	1079	0	1079	18.1	643.00	1699
	May 2014	997	-14	22	961	0	961	15.6	643.00	1699
	Jun 2014	932	-12	25	922	0	922	15.5	642.00	1671
	Jul 2014	855	-5	25	839	0	839	13.6	641.50	1658
	Aug 2014	820	-8	23	789	0	789	12.8	641.50	1658
	Sep 2014	625	-1	18	699	0	699	11.8	638.00	1564
	WY 2014	**9394**	**-129**	**197**	**9068**	**0**	**9068**			
	Oct 2014	456	0	15	571	0	571	9.3	633.00	1434
	Nov 2014	598	-16	10	520	0	520	8.7	635.00	1486
	Dec 2014	485	-17	9	361	0	361	5.9	638.71	1583
	Jan 2015	717	-16	10	609	0	609	9.9	641.80	1666
	Feb 2015	687	-8	10	669	0	669	12.0	641.80	1666

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 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)
*	Mar 2012	931	8	9	711	11.6	21	187	447.23	565	187	3.0
H	Apr 2012	1091	24	11	785	13.2	97	180	449.13	602	183	3.1
I	May 2012	980	26	13	709	11.5	100	179	448.81	596	99	1.6
S	Jun 2012	952	10	15	719	12.1	97	130	448.23	584	103	1.7
T	Jul 2012	805	46	17	675	11.0	101	34	448.91	598	124	2.0
O	Aug 2012	744	26	17	568	9.2	100	85	448.38	587	97	1.6
R	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**	
I	Oct 2012	556	34	12	482	7.8	14	32	449.31	606	70	1.1
C	Nov 2012	499	27	9	348	5.9	14	174	448.06	581	88	1.5
A	Dec 2012	395	21	7	289	4.7	15	132	446.41	550	132	2.2
L	Jan 2013	510	17	6	352	5.7	57	80	448.01	580	143	2.3
*	Feb 2013	609	5	8	444	8.0	7	147	448.13	583	158	2.8
	Mar 2013	934	17	9	668	10.9	95	183	447.50	571	201	3.3
	Apr 2013	1064	21	11	793	13.3	86	177	448.00	580	212	3.6
	May 2013	1002	20	13	701	11.4	99	184	448.70	593	111	1.8
	Jun 2013	935	15	16	694	11.7	96	131	448.70	593	109	1.8
	Jul 2013	906	26	17	724	11.8	99	91	448.00	580	111	1.8
	Aug 2013	823	24	17	639	10.4	99	89	447.50	571	105	1.7
	Sep 2013	766	23	15	560	9.4	96	122	446.81	557	102	1.7
	WY 2013	**9000**	**250**	**140**	**6695**		**778**	**1542**			**1541**	
	Oct 2013	629	26	12	454	7.4	47	143	446.31	548	65	1.1
	Nov 2013	533	33	8	378	6.4	51	118	446.50	552	99	1.7
	Dec 2013	406	27	6	277	4.5	53	92	446.50	552	105	1.7
	Jan 2014	596	16	6	336	5.5	89	176	446.50	552	125	2.0
	Feb 2014	656	10	8	445	8.0	79	127	446.50	552	156	2.8
	Mar 2014	960	17	9	691	11.2	89	175	446.70	555	201	3.3
	Apr 2014	1079	21	11	788	13.2	86	169	448.70	593	212	3.6
	May 2014	961	20	13	694	11.3	89	173	448.70	593	111	1.8
	Jun 2014	922	15	16	685	11.5	86	137	448.70	593	109	1.8
	Jul 2014	839	26	17	720	11.7	89	38	448.00	580	111	1.8
	Aug 2014	789	24	17	635	10.3	89	70	447.50	571	105	1.7
	Sep 2014	699	23	15	550	9.2	60	101	446.81	557	102	1.7
	WY 2014	**9068**	**256**	**139**	**6652**		**907**	**1520**			**1500**	
	Oct 2014	571	26	12	448	7.3	15	124	446.31	548	65	1.1
	Nov 2014	520	33	8	372	6.3	15	147	446.50	552	99	1.7
	Dec 2014	361	27	6	269	4.4	15	92	446.50	552	105	1.7
	Jan 2015	609	16	6	349	5.7	89	176	446.50	552	125	2.0
	Feb 2015	669	10	8	458	8.3	79	127	446.50	552	156	2.8

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 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
*	Mar 2012	986	16.0	1129.41	14535	-372	481.45	1047.0	427.4	56	433.4
H	Apr 2012	1170	19.7	1123.93	13986	-548	475.07	1164.0	505.3	62	432.0
I	May 2012	1008	16.4	1119.38	13541	-445	471.90	1050.0	429.0	56	425.4
S	Jun 2012	989	16.6	1115.84	13200	-341	470.21	1829.0	414.2	100	418.8
T	Jul 2012	841	13.7	1115.92	13207	8	471.23	1374.0	349.7	76	415.6
O	Aug 2012	798	13.0	1116.56	13269	61	471.53	1809.0	331.4	100	415.2
R	Sep 2012	635	10.7	1115.16	13135	-134	473.98	1809.0	261.9	100	412.2
	WY 2012	**9421**							**3985.6**		
I	Oct 2012	346	5.6	1116.50	13263	128	476.50	1051.0	141.3	58	409.0
C	Nov 2012	650	10.9	1117.24	13334	71	473.22	1051.0	276.3	58	424.7
A	Dec 2012	476	7.7	1120.36	13636	302	475.06	1520.0	198.5	84	417.3
L	Jan 2013	609	9.9	1122.32	13828	192	474.10	1062.0	259.8	59	426.6
*	Feb 2013	646	11.6	1122.14	13810	-18	475.07	1072.0	276.4	59	427.6
	Mar 2013	982	16.0	1118.64	13469	-341	471.69	1073.0	430.4	59	438.1
	Apr 2013	1109	18.6	1113.37	12964	-505	466.84	1063.0	487.1	60	439.2
	May 2013	1038	16.9	1108.87	12542	-422	461.67	1071.0	443.7	61	427.3
	Jun 2013	945	15.9	1106.88	12358	-184	454.50	1745.0	387.5	100	409.9
	Jul 2013	923	15.0	1105.64	12244	-114	453.39	1738.0	374.6	100	405.9
	Aug 2013	854	13.9	1105.15	12200	-44	452.69	1734.0	350.4	100	410.2
	Sep 2013	692	11.6	1104.18	12111	-89	453.11	1728.0	277.8	100	401.5
	WY 2013	**9271**							**3903.8**		
	Oct 2013	514	8.4	1104.96	12182	71	457.48	1361.0	209.8	79	408.2
	Nov 2013	611	10.3	1104.57	12147	-35	459.22	1374.0	249.7	79	408.8
	Dec 2013	530	8.6	1107.74	12437	291	458.77	1384.0	210.9	79	397.8
	Jan 2014	704	11.5	1109.04	12558	121	459.85	1218.0	290.0	69	411.8
	Feb 2014	674	12.1	1108.76	12532	-27	457.40	1530.0	275.7	87	409.2
	Mar 2014	1023	16.6	1104.66	12155	-376	454.85	1503.0	418.1	87	408.8
	Apr 2014	1109	18.6	1099.62	11701	-454	450.47	1391.0	458.8	82	413.7
	May 2014	997	16.2	1095.33	11322	-379	444.57	1569.0	395.6	93	396.8
	Jun 2014	932	15.7	1091.80	11013	-308	440.30	1662.0	370.3	100	397.3
	Jul 2014	855	13.9	1091.27	10967	-46	438.78	1658.0	341.0	100	398.7
	Aug 2014	820	13.3	1092.26	11053	86	439.17	1658.0	325.7	100	397.1
	Sep 2014	625	10.5	1092.33	11059	6	440.83	1658.0	241.5	100	386.3
	WY 2014	**9394**							**3787.0**		
	Oct 2014	456	7.4	1093.80	11188	128	446.04	1302.1	179.5	79	393.8
	Nov 2014	598	10.0	1093.57	11167	-20	448.20	1315.3	238.6	79	399.2
	Dec 2014	485	7.9	1097.38	11503	336	448.15	1309.7	193.2	79	398.5
	Jan 2015	717	11.7	1098.62	11612	110	449.51	1148.1	290.3	69	404.7
	Feb 2015	687	12.4	1098.19	11574	-38	446.96	1443.0	276.0	87	401.9

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 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
*	Mar 2012	931	15.1	641.93	1670	20	140.23	204.0	117.4	80	126.2
H	Apr 2012	1091	18.3	643.35	1708	39	142.08	249.9	147.4	98	135.2
I	May 2012	980	15.9	643.06	1700	-8	141.39	252.5	128.9	99	131.5
S	Jun 2012	952	16.0	642.80	1693	-7	140.12	255.0	122.6	100	128.8
T	Jul 2012	805	13.1	642.89	1696	2	143.36	255.0	100.7	100	125.1
O	Aug 2012	744	12.1	643.63	1716	20	142.43	252.5	92.5	99	124.3
R	Sep 2012	723	12.1	639.55	1605	-111	137.86	255.0	96.5	100	133.5
	WY 2012	**9051**							**1153.5**		
I	Oct 2012	556	9.0	630.75	1377	-228	130.98	206.6	68.5	81	123.3
C	Nov 2012	499	8.4	635.82	1507	130	136.16	168.3	67.9	66	136.0
A	Dec 2012	395	6.4	638.30	1572	65	134.78	183.6	44.1	72	111.7
L	Jan 2013	510	8.3	641.20	1650	78	139.33	163.2	63.2	64	123.8
*	Feb 2013	609	11.0	641.78	1665	16	138.67	153.0	76.8	60	126.1
	Mar 2013	934	15.2	642.50	1685	20	136.80	196.4	116.2	77	124.4
	Apr 2013	1064	17.9	643.00	1699	14	135.78	255.0	132.2	100	124.2
	May 2013	1002	16.3	643.00	1699	0	136.04	255.0	125.2	100	124.9
	Jun 2013	935	15.7	642.00	1671	-27	135.51	255.0	116.5	100	124.6
	Jul 2013	906	14.7	641.50	1658	-14	134.73	255.0	112.6	100	124.2
	Aug 2013	823	13.4	641.50	1658	0	134.46	255.0	102.4	100	124.4
	Sep 2013	766	12.9	638.00	1564	-94	132.62	255.0	94.2	100	123.0
	WY 2013	**9000**							**1119.9**		
	Oct 2013	629	10.2	633.00	1434	-130	129.33	214.2	75.6	84	120.2
	Nov 2013	533	9.0	635.00	1486	51	127.83	211.7	63.6	83	119.3
	Dec 2013	406	6.6	638.71	1583	97	130.91	209.1	49.9	82	122.8
	Jan 2014	596	9.7	641.80	1666	83	134.46	209.1	74.3	82	124.6
	Feb 2014	656	11.8	641.80	1666	0	136.08	209.1	82.1	82	125.3
	Mar 2014	960	15.6	643.05	1700	34	135.44	255.0	119.5	100	124.6
	Apr 2014	1079	18.1	643.00	1699	-2	136.07	255.0	134.2	100	124.4
	May 2014	961	15.6	643.00	1699	0	136.04	255.0	120.2	100	125.1
	Jun 2014	922	15.5	642.00	1671	-27	135.51	255.0	114.9	100	124.7
	Jul 2014	839	13.6	641.50	1658	-14	134.73	255.0	104.5	100	124.6
	Aug 2014	789	12.8	641.50	1658	0	134.46	255.0	98.4	100	124.6
	Sep 2014	699	11.8	638.00	1564	-94	132.62	255.0	86.3	100	123.4
	WY 2014	**9068**							**1123.4**		
	Oct 2014	571	9.3	633.00	1434	-130	129.33	214.2	68.8	84	120.5
	Nov 2014	520	8.7	635.00	1486	51	127.83	211.7	62.1	83	119.4
	Dec 2014	361	5.9	638.71	1583	97	130.91	209.1	44.4	82	123.1
	Jan 2015	609	9.9	641.80	1666	83	134.46	209.1	75.9	82	124.5
	Feb 2015	669	12.0	641.80	1666	0	136.08	209.1	83.7	82	125.2

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 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
*	Mar 2012	711	11.6	447.23	565	2	81.75	97.2	48.8	81	68.6
H	Apr 2012	785	13.2	449.13	602	36	83.37	120.0	54.1	100	69.0
I	May 2012	709	11.5	448.81	596	-6	81.37	111.6	49.6	93	69.9
S	Jun 2012	719	12.1	448.23	584	-11	79.00	120.0	49.7	100	69.1
T	Jul 2012	675	11.0	448.91	598	13	82.94	120.0	46.8	100	69.4
O	Aug 2012	568	9.2	448.38	587	-10	80.54	120.0	39.3	100	69.2
R	Sep 2012	548	9.2	446.98	561	-26	81.05	120.0	37.8	100	69.0
	WY 2012	**6652**							**458.2**		
I	Oct 2012	482	7.8	449.31	606	44	83.52	96.0	33.3	80	69.0
C	Nov 2012	348	5.9	448.06	581	-24	82.22	92.4	24.1	77	69.2
A	Dec 2012	289	4.7	446.41	550	-31	80.98	103.2	19.5	86	67.5
L	Jan 2013	352	5.7	448.01	580	30	83.56	102.0	24.4	85	69.4
*	Feb 2013	444	8.0	448.13	583	2	80.52	115.2	31.2	96	70.1
	Mar 2013	668	10.9	447.50	571	-12	75.19	120.0	43.9	100	65.7
	Apr 2013	793	13.3	448.00	580	10	75.13	120.0	52.4	100	66.1
	May 2013	701	11.4	448.70	593	13	75.71	120.0	46.5	100	66.2
	Jun 2013	694	11.7	448.70	593	0	76.05	120.0	46.1	100	66.5
	Jul 2013	724	11.8	448.00	580	-13	75.71	120.0	48.0	100	66.3
	Aug 2013	639	10.4	447.50	571	-10	75.13	120.0	41.9	100	65.6
	Sep 2013	560	9.4	446.81	557	-13	74.55	120.0	36.4	100	64.9
	WY 2013	**6695**							**447.6**		
	Oct 2013	454	7.4	446.31	548	-9	75.37	90.0	29.6	75	65.2
	Nov 2013	378	6.4	446.50	552	3	75.10	92.4	24.4	77	64.5
	Dec 2013	277	4.5	446.50	552	0	75.32	90.0	17.5	75	63.2
	Jan 2014	336	5.5	446.50	552	0	75.19	92.4	21.5	77	64.0
	Feb 2014	445	8.0	446.50	552	0	75.13	93.6	29.0	78	65.2
	Mar 2014	691	11.2	446.70	555	4	75.42	90.0	45.8	75	66.3
	Apr 2014	788	13.2	448.70	593	38	75.34	114.0	52.2	95	66.3
	May 2014	694	11.3	448.70	593	0	76.05	120.0	46.1	100	66.5
	Jun 2014	685	11.5	448.70	593	0	76.05	120.0	45.6	100	66.5
	Jul 2014	720	11.7	448.00	580	-13	75.71	120.0	47.7	100	66.3
	Aug 2014	635	10.3	447.50	571	-10	75.13	120.0	41.6	100	65.6
	Sep 2014	550	9.2	446.81	557	-13	74.55	120.0	35.7	100	64.9
	WY 2014	**6652**							**436.7**		
	Oct 2014	448	7.3	446.31	548	-9	74.77	102.0	28.9	85	64.6
	Nov 2014	372	6.3	446.50	552	3	74.62	102.0	23.8	85	64.0
	Dec 2014	269	4.4	446.50	552	0	74.71	102.0	16.8	85	62.6
	Jan 2015	349	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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 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
*	Mar 2012	275	62	9	12	6	4
	Winter 2012	**2475**	**300**	**97**	**117**	**61**	**26**
H	Apr 2012	276	47	16	22	14	4
I	May 2012	276	61	19	28	17	4
S	Jun 2012	324	34	26	33	19	7
T	Jul 2012	398	33	24	31	18	6
O	Aug 2012	360	31	21	28	16	6
R	Sep 2012	214	27	17	25	12	4
	Summer 2012	**1849**	**232**	**123**	**168**	**94**	**31**
I	Oct 2012	221	20	8	13	6	2
A	Dec 2012	346	27	4	6	2	4
L	Jan 2013	349	28	4	6	2	4
*	Feb 2013	259	25	4	5	1	3
	Mar 2013	237	19	7	8	4	4
	Winter 2013	**1412**	**119**	**27**	**38**	**14**	**16**
	Apr 2013	216	17	10	15	9	3
	May 2013	236	35	15	24	15	4
	Jun 2013	316	37	17	26	14	5
	Jul 2013	335	19	27	36	18	6
	Aug 2013	312	19	26	35	18	6
	Sep 2013	233	18	21	29	15	6
	Summer 2013	**1648**	**145**	**115**	**166**	**88**	**29**
	Oct 2013	232	19	11	17	9	4
	Nov 2013	230	18	4	6	4	6
	Dec 2013	303	19	3	5	3	6
	Jan 2014	300	19	4	6	4	5
	Feb 2014	224	17	3	6	3	4
	Mar 2014	223	19	4	7	5	4
	Winter 2014	**1513**	**111**	**30**	**47**	**28**	**30**
	Apr 2014	223	18	7	14	9	5
	May 2014	227	38	33	52	23	7
	Jun 2014	254	82	11	20	16	9
	Jul 2014	338	39	25	31	18	10
	Aug 2014	357	39	35	43	22	8
	Sep 2014	249	38	32	39	20	3
	Summer 2014	**1042**	**178**	**76**	**117**	**65**	**30**
	Oct 2014	237	39	17	22	12	6
	Nov 2014	236	38	9	11	6	6
	Dec 2014	313	39	23	29	15	6
	Jan 2015	310	39	20	25	13	6
	Feb 2015	232	35	17	23	12	5

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
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March 2013 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Mar 2013	985	500	758	12431	14675	13567	28241	269	104	317	691	12431	13567	26688	1500	982	0	31.9
Apr 2013	973	504	745	12685	14908	13908	28815	253	108	301	662	12685	13908	27254	1500	1109	0	31.4
May 2013	933	489	725	12798	14945	14413	29358	206	90	261	556	12798	14413	27768	1500	1038	0	31.3
Jun 2013	906	437	632	12658	14632	14835	29467	171	27	132	330	12658	14835	27823	1500	945	0	31.6
Jul 2013	809	378	582	12414	14183	15019	29201	63	-45	32	49	12414	15019	27482	1500	923	0	31.1
								****CREDITABLE SPACE****										
Aug 2013	762	419	607	12764	14552	15133	29684	762	419	607	1787	12764	15133	29684	1500	854	0	30.4
Sep 2013	778	473	635	13249	15135	15177	30312	778	473	635	1886	13249	15177	30312	2270	692	0	29.9
Oct 2013	803	518	648	13544	15513	15266	30778	803	518	648	1969	13544	15266	30778	3040	514	0	29.5
Nov 2013	817	530	646	13772	15764	15195	30959	817	530	646	1992	13772	15195	30959	3810	611	0	29.3
Dec 2013	826	516	646	13992	15980	15230	31210	826	516	646	1988	13992	15230	31210	4580	530	0	29.3
Jan 2014	846	504	655	14411	16416	14940	31356	846	504	655	2005	14411	14940	31356	5350	704	0	29.1
								****EFFECTIVE SPACE****										
Jan 2014	846	504	655	14411	16416	14940	31356	528	453	497	1478	14411	14940	30828	5350	704	0	29.1
Feb 2014	861	494	667	14815	16838	14819	31657	540	443	508	1491	14815	14819	31126	1500	674	0	28.8
Mar 2014	868	484	667	15024	17043	14845	31889	542	434	508	1484	15024	14845	31354	1500	1023	0	28.5
Apr 2014	824	465	613	15098	16999	15222	32221	492	414	450	1357	15098	15222	31676	1500	1109	0	28.5
May 2014	749	419	518	14926	16612	15676	32288	409	364	336	1109	14926	15676	31711	1500	997	0	29.7
Jun 2014	620	335	374	13714	15044	16055	31099	269	261	156	686	13714	16055	30455	1500	932	0	31.2
Jul 2014	469	129	321	12299	13219	16364	29583	104	36	51	191	12299	16364	28853	1500	855	0	31.3
								****CREDITABLE SPACE****										
Aug 2014	383	91	329	12239	13042	16410	29452	383	91	329	803	12239	16410	29452	1500	820	0	31.0
Sep 2014	414	130	344	12565	13454	16324	29777	414	130	344	888	12565	16324	29777	2270	625	0	30.6
Oct 2014	474	186	344	12698	13702	16318	30020	474	186	344	1005	12698	16318	30020	3040	456	0	30.5
Nov 2014	528	199	334	12757	13818	16189	30007	528	199	334	1061	12757	16189	30007	3810	598	0	30.4
Dec 2014	582	197	332	12865	13975	16210	30185	582	197	332	1111	12865	16210	30185	4580	485	0	30.4
Jan 2015	655	248	339	13174	14416	15874	30290	655	248	339	1241	13174	15874	30290	5350	717	0	30.1
								****EFFECTIVE SPACE****										
Jan 2015	655	248	339	13174	14416	15874	30290	289	248	217	755	13174	15874	29803	5350	717	0	30.1
Feb 2015	721	289	347	13481	14839	15765	30604	355	289	225	870	13481	15765	30116	1500	687	0	29.9

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