February 24-Month Study
Date: February 12, 2013

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

Current Reservoir Status

Reservoir	January Inflow (unregulated) (acre-feet)	Percent of Average (%)	February 10 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	23,000	76	6478.27	157,000
Flaming Gorge	24,000	60	6019.91	2,976,000
Blue Mesa	16,000	65	7452.80	328,000
Navajo	14,000	64	6023.50	945,000
Powell	168,000	47	3603.48	12,085,000

Expected Operations

The operation of Lake Powell and Lake Mead in this February 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 February 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, the current probability of realizing an inflow volume that would trigger Equalization in 2013 is less than 5 percent.

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 January were 23,000 acre-feet (AF), or 76 percent of average. The reservoir elevation is 6478.2 feet, 55 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 February, March and April forecasted inflow volumes at 22,000 AF (80% of average), 41,000 AF (78% of average), and 65,000 AF (76% 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 495,000 af or 68 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 January was 24,000 acre-feet (af), or 60 percent of average. The reservoir elevation is 6019.9 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 current 1,200 cfs with hourly releases following a double peak pattern. Releases will remain at 1,200 cfs through the end of February, and will decrease to steady 800 cfs releases beginning March 5, 2013.

The Colorado Basin River Forecast Center has issued the official water supply forecast for the April through July unregulated inflow volume which is 640,000 af or 65 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 of 428,000 af and 779,000 af. The hydrologic conditions would be dry if the May 1 forecast decreases below 428,000 af, and would move 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 – January unregulated inflow into Blue Mesa Reservoir was 16,000 acre-feet or 65 percent of average. On February 8th the basin snowpack was averaging 76 percent, which has increased about 10 percent from a month ago. Precipitation during January was about 110 percent of average, while December's precipitation was recorded at 115 percent of average. The current inflow rate into Blue Mesa Reservoir is about 300 cfs while reservoir releases are averaging about 300 cfs. This past fall and early winter months has seen below average reservoir inflows. Blue Mesa Reservoir current elevation is 7452.73 feet, which corresponds to a storage content of about 328,000 acre-feet. This elevation is about 32.0 feet lower than the elevation was from a year ago.

The Colorado Basin River Forecast Center's February water supply forecast for Blue Mesa for the April to July runoff season is 385,000 acre-feet (57% of average) which is slightly lower from last month's forecast. Based on this forecast, Blue Mesa Reservoir is not projected to fill this runoff season.

Releases from Crystal Dam have been kept at just about minimum flow of 350 cfs since the end of irrigation season because of drought conditions. Reservoir releases will most likely remain at these levels since Blue Mesa Reservoir content is extremely low.

The last meeting of the "Aspinall Unit Working Group" was held on January 24, 2013 in Montrose, Colorado. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2013 operations were discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. For more information about these meetings please contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir – Navajo Reservoir release rate is currently set at 350 cfs. This temporary, lower release is made in collaboration with the San Juan River Basin Recovery Implementation Program (SJRIP) for a project taking place at the PNM diversion dam. The SJRIP has requested this temporary decrease in the release and

temporary suspension of the target base flow in order to complete this project. The release will be increased as required to resume meeting downstream target base flows starting at 7:00 am on Friday, February 15th, 2013. This scheduled increase may change, or be reduced, depending on river conditions. 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). This release is subject to changes in river flows and weather conditions.

The current San Juan River basin snowpack is 78% of average snow water equivalent (SWE). For the Animas River Basin it is 81%. Precipitation for the month of January in the San Juan River basin was about 130 percent of average. Unregulated inflow into Navajo Reservoir during the month of Janaury was 14,000 acre-feet, or 64 percent of average. Currently, the daily reservoir inflow is averaging about 200 cfs. Diversions for NIIP have currently been shut down for the winter. The reservoir water surface elevation is at 6023.58 feet, which corresponds to a storage content of about 946,000 acre-feet.

A public meeting on Navajo Reservoir operations was held Tuesday, January 15, 2013 at 1:00 PM at the Civic Center in Farmington, New Mexico (200 West Arrington Street). At this meeting, review of last summer and fall reservoir operations, and plans for this winter and spring 2013 operations were 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 January was 168 thousand acre-feet (kaf) (47% of average). The release volume from Glen Canyon Dam in January was 801 kaf. The end of January elevation and storage of Lake Powell were 3604.4 feet (95.6 feet from full pool) and 12.18 maf (50% of full capacity). The reservoir elevation will continue to decline through the winter months.

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 hydrologic conditions and projections become 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. Based on analysis of a range of inflow scenarios, however, the current probability of realizing an inflow volume that would trigger Equalization in 2013 is less than 5 percent. 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 February are currently averaging approximately 11,000 cfs with daily fluctuations between approximately 8,000cfs and 14,000cfs and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). Releases in February are currently fluctuating between a nighttime low with a peak in the mid-morning and again in the evening. The scheduled release volume for February 2013 is 600 kaf.

In March, the release volume will likely be about 600 kaf, with fluctuations for hydropower of approximately 7,000 cfs in the nighttime and double peaking up to 13,000 cfs during the mid-morning and evening hours. In April, the release volume will likely be about 550 kaf with double-peaking fluctuations between approximately 6,500 cfs and 11,500 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 3.85 maf (54% of average based on the period 1981-2010). Based on this hydrologic outlook, the January 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 3593.3 and 11.12 maf (46% capacity), respectively.

If hydrologic conditions and projections become significantly 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, based on analysis of a range of inflow scenarios, the current probability of realizing an inflow volume that would trigger Equalization in 2013 is less than 5 percent.

Upper Colorado River Basin Hydrology - Since water year 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 5.81 maf (54% of average).

Overall reservoir storage in the Colorado River Basin has increased by over 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.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

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

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

:	Obs			jan	Forecast		Outlook		
:	oct	nov	dec	jan	%Avg	feb	mar	apr	apr-jul %Avg
GLDA3:Lake Powell	190	246	201	168	47%:	250/	400/	630/	3850/: 54%
GBRW4:Fontenelle	29	35	28	23	76%:	22/	41/	65/	495/: 68%
GRNU1:Flaming Gorge	24	39	26	24	60%:	32/	76/	100/	640/: 65%
BMDC2:Blue Mesa	20	18.8	17.7	15.9	65%:	16/	27/	61/	385/: 57%
MPSC2:Morrow Point	22	19.6	18.4	16.7	63%:	19/	31/	67/	415/: 56%
CLSC2:Crystal	24	23	22	20	64%:	22/	36/	79/	460/: 55%
TPIC2:Taylor Park	4.2	3.0	3.1	3.0	70%:	2.3/	2.6/	8/	61/: 62%
VCRC2:Vallecito	3.4	3.1	3.0	3.3	61%:	2.7/	3.9/	14/	150/: 78%
NVRN5:Navajo	3.4	9.1	11.9	14.1	64%:	20/	43/	100/	525/: 71%
LEMC2:Lemon	0.55	0.46	0.42	0.28	32%:	0.3/	0.7/	3/	40/: 73%
MPHC2:McPhee	1.63	1.71	1.60	2.3	51%:	2.5/	12.5/	52/	205/: 69%
RBSC2:Ridgway	4.5	3.8	3.6	2.4	60%:	3.1/	4.8/	8/	67/: 66%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 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)
*	Feb 2012	30	0	69	0	69	6471.56	126
H	Mar 2012	64	0	67	0	67	6470.82	123
I	Apr 2012	98	1	60	0	60	6478.72	160
S	May 2012	130	1	61	0	62	6489.92	227
T	Jun 2012	189	2	83	16	99	6502.11	315
O	Jul 2012	92	3	72	3	75	6503.94	329
R	Aug 2012	36	2	68	0	68	6499.56	296
I	Sep 2012	23	2	46	8	54	6495.11	263
	WY 2012	**825**	**15**	**750**	**94**	**845**		
C	Oct 2012	29	1	25	28	53	6491.56	238
A	Nov 2012	35	1	22	28	51	6489.08	221
L	Dec 2012	28	1	52	0	52	6485.19	196
*	Jan 2013	23	1	53	0	53	6479.94	166
	Feb 2013	22	0	49	0	49	6474.44	139
	Mar 2013	41	0	52	0	52	6471.87	127
	Apr 2013	65	1	60	0	60	6472.96	132
	May 2013	100	1	61	0	61	6480.45	169
	Jun 2013	210	2	82	0	82	6499.53	295
	Jul 2013	120	3	68	0	68	6505.92	345
	Aug 2013	50	2	74	0	74	6502.61	319
	Sep 2013	40	2	67	0	67	6498.83	290
	WY 2013	**762**	**15**	**665**	**56**	**721**		
	Oct 2013	44	1	48	22	69	6495.27	264
	Nov 2013	40	1	67	0	67	6491.35	237
	Dec 2013	32	1	69	0	69	6485.52	199
	Jan 2014	30	1	69	0	69	6478.66	160
	Feb 2014	28	0	62	0	62	6471.23	124
	Mar 2014	53	0	69	0	69	6467.15	107
	Apr 2014	85	1	74	0	74	6469.71	118
	May 2014	164	1	99	6	105	6481.62	176
	Jun 2014	299	2	102	76	179	6499.40	294
	Jul 2014	178	3	101	28	129	6505.30	340
	Aug 2014	77	2	80	0	80	6504.58	334
	Sep 2014	46	2	36	41	77	6500.28	301
	WY 2014	**1076**	**15**	**877**	**173**	**1050**		
	Oct 2014	49	1	71	0	71	6497.14	278
	Nov 2014	42	1	68	0	68	6493.34	251
	Dec 2014	32	1	71	0	71	6487.42	211
	Jan 2015	30	1	71	0	71	6480.62	170

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

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February 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)
*	Feb 2012	47	86	2	140	0	140	132	6028.43	3289	186
H	Mar 2012	104	107	3	162	0	162	130	6026.95	3233	286
I	Apr 2012	136	98	5	122	0	122	129	6026.21	3205	331
S	May 2012	153	85	8	159	19	178	125	6023.57	3108	385
T	Jun 2012	188	98	10	87	0	87	125	6023.59	3108	154
O	Jul 2012	93	76	12	84	0	84	124	6023.04	3088	99
R	Aug 2012	29	60	12	80	0	80	123	6022.19	3058	90
I	Sep 2012	19	50	10	68	0	68	122	6021.43	3030	79
	WY 2012	**990**	**1010**	**78**	**1366**	**20**	**1386**				**2278**
C	Oct 2012	24	48	7	52	0	52	122	6021.15	3020	71
A	Nov 2012	39	55	3	49	0	49	122	6021.23	3023	75
L	Dec 2012	25	50	2	70	0	70	121	6020.63	3002	110
*	Jan 2013	24	53	2	74	0	74	120	6020.03	2981	398
	Feb 2013	32	59	2	66	0	66	120	6019.77	2971	66
	Mar 2013	76	87	3	50	0	50	121	6020.71	3005	50
	Apr 2013	100	95	5	48	0	48	123	6021.85	3045	48
	May 2013	145	106	7	95	0	95	123	6021.95	3049	95
	Jun 2013	255	127	10	114	0	114	123	6022.04	3052	114
	Jul 2013	140	88	13	62	0	62	123	6022.37	3064	62
	Aug 2013	56	80	12	62	0	62	123	6022.52	3069	62
	Sep 2013	42	69	11	60	0	60	123	6022.46	3068	60
	WY 2013	**958**	**917**	**76**	**802**	**0**	**802**				**1211**
	Oct 2013	50	74	7	62	0	62	124	6022.60	3072	62
	Nov 2013	47	74	3	60	0	60	124	6022.86	3082	60
	Dec 2013	35	72	2	62	0	62	124	6023.07	3090	62
	Jan 2014	40	79	2	62	0	62	125	6023.47	3104	62
	Feb 2014	45	79	2	56	0	56	126	6024.02	3124	56
	Mar 2014	102	119	3	62	0	62	128	6025.42	3176	62
	Apr 2014	134	122	5	60	0	60	130	6026.89	3231	60
	May 2014	245	186	8	113	0	113	132	6028.56	3294	113
	Jun 2014	390	269	10	225	0	225	134	6029.41	3326	225
	Jul 2014	210	162	14	106	0	106	135	6030.46	3367	106
	Aug 2014	89	92	13	106	0	106	134	6029.80	3341	106
	Sep 2014	55	87	11	102	0	102	133	6029.12	3315	102
	WY 2014	**1441**	**1415**	**79**	**1078**	**0**	**1078**				**1078**
	Oct 2014	59	81	7	106	0	106	132	6028.31	3284	106
	Nov 2014	51	77	3	102	0	102	131	6027.59	3257	102
	Dec 2014	35	74	2	106	0	106	130	6026.72	3224	106
	Jan 2015	40	81	2	106	0	106	129	6026.03	3198	106

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

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February 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)
*	Feb 2012	4	4	9307.22	66
H	Mar 2012	6	5	9308.28	67
I	Apr 2012	10	4	9311.81	73
S	May 2012	15	8	9316.40	81
T	Jun 2012	9	15	9312.87	75
O	Jul 2012	6	14	9307.53	66
R	Aug 2012	4	12	9302.28	58
I	Sep 2012	4	6	9300.80	56
	WY 2012	**80**	**95**		
C	Oct 2012	4	4	9301.04	57
A	Nov 2012	3	3	9301.07	57
L	Dec 2012	3	3	9301.09	57
*	Jan 2013	3	3	9301.07	57
	Feb 2013	2	5	9299.46	54
	Mar 2013	3	5	9298.03	53
	Apr 2013	8	5	9300.63	56
	May 2013	18	8	9307.52	66
	Jun 2013	25	15	9313.75	76
	Jul 2013	10	18	9308.81	68
	Aug 2013	6	18	9300.63	56
	Sep 2013	5	16	9291.77	45
	WY 2013	**90**	**101**		
	Oct 2013	5	10	9287.33	40
	Nov 2013	5	5	9287.35	40
	Dec 2013	5	5	9287.52	40
	Jan 2014	4	5	9287.37	40
	Feb 2014	4	5	9286.70	39
	Mar 2014	4	5	9286.64	39
	Apr 2014	9	5	9290.60	43
	May 2014	28	8	9306.03	64
	Jun 2014	42	18	9320.29	87
	Jul 2014	20	18	9321.46	90
	Aug 2014	10	18	9317.19	82
	Sep 2014	7	16	9312.10	73
	WY 2014	**143**	**115**		
	Oct 2014	7	12	9308.76	68
	Nov 2014	5	6	9308.19	67
	Dec 2014	5	6	9307.33	66
	Jan 2015	4	6	9306.25	64

* 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)
*	Feb 2012	21	22	0	34	0	34	7483.66	533
H	Mar 2012	40	39	0	32	0	32	7484.49	539
I	Apr 2012	57	51	1	58	0	58	7483.54	532
S	May 2012	74	66	1	71	0	71	7482.82	527
T	Jun 2012	45	50	1	93	0	93	7476.82	483
O	Jul 2012	30	39	1	90	0	90	7469.29	431
R	Aug 2012	28	36	1	79	0	79	7462.48	387
I	Sep 2012	19	21	1	67	0	67	7454.82	340
	WY 2012	**427**	**442**	**7**	**793**	**0**	**793**		
C	Oct 2012	20	20	0	33	0	33	7452.55	327
A	Nov 2012	19	19	0	19	0	19	7452.39	326
L	Dec 2012	18	18	0	16	0	16	7452.65	328
*	Jan 2013	16	16	0	15	0	15	7452.77	328
	Feb 2013	16	18	0	22	0	22	7452.08	324
	Mar 2013	27	29	0	18	0	18	7454.00	335
	Apr 2013	61	58	1	33	0	33	7458.04	359
	May 2013	132	122	1	55	0	55	7468.46	425
	Jun 2013	140	130	1	61	0	61	7478.24	493
	Jul 2013	52	60	1	98	0	98	7472.67	454
	Aug 2013	35	47	1	95	0	95	7465.37	405
	Sep 2013	27	38	1	78	0	78	7458.92	365
	WY 2013	**563**	**574**	**7**	**543**	**0**	**543**		
	Oct 2013	31	36	0	44	0	44	7457.57	356
	Nov 2013	28	28	0	14	0	14	7459.86	370
	Dec 2013	26	25	0	14	0	14	7461.68	382
	Jan 2014	24	24	0	15	0	15	7463.16	391
	Feb 2014	22	23	0	13	0	13	7464.71	401
	Mar 2014	36	36	0	16	0	16	7467.73	421
	Apr 2014	77	73	1	27	0	27	7474.37	466
	May 2014	221	201	1	118	0	118	7485.61	548
	Jun 2014	261	237	1	36	0	36	7510.20	748
	Jul 2014	117	115	2	81	0	81	7513.86	780
	Aug 2014	63	71	1	121	0	121	7508.02	729
	Sep 2014	38	47	1	112	0	112	7500.13	662
	WY 2014	**945**	**916**	**8**	**611**	**0**	**611**		
	Oct 2014	38	44	1	58	0	58	7498.31	647
	Nov 2014	31	32	0	29	0	29	7498.65	650
	Dec 2014	26	27	0	96	0	96	7490.00	581
	Jan 2015	24	26	0	67	0	67	7484.61	540

* 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

February 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)
*	Feb 2012	22	34	1	35	35	0	35	7155.27	113
H	Mar 2012	43	32	2	35	34	0	34	7156.25	114
I	Apr 2012	63	58	6	64	63	0	63	7157.05	115
S	May 2012	80	71	6	76	79	0	79	7154.07	112
T	Jun 2012	45	93	1	93	93	0	93	7154.59	113
O	Jul 2012	31	90	0	90	89	0	89	7155.86	114
R	Aug 2012	28	79	0	80	80	0	80	7154.84	113
I	Sep 2012	19	67	0	68	71	0	71	7150.03	109
	WY 2012	**447**	**793**	**21**	**814**	**811**	**0**	**811**		
C	Oct 2012	22	33	1	34	40	0	40	7142.80	104
A	Nov 2012	20	19	1	20	16	0	16	7148.49	108
L	Dec 2012	18	16	1	17	18	0	18	7146.50	106
*	Jan 2013	17	15	1	16	17	0	17	7144.75	105
	Feb 2013	19	22	3	25	18	0	18	7153.73	112
	Mar 2013	31	18	4	22	22	0	22	7153.73	112
	Apr 2013	67	33	6	39	39	0	39	7153.73	112
	May 2013	144	55	12	67	67	0	67	7153.73	112
	Jun 2013	150	61	10	71	71	0	71	7153.73	112
	Jul 2013	54	98	2	100	100	0	100	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	**609**	**543**	**46**	**589**	**586**	**0**	**586**		
	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	14	2	16	16	0	16	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	121	3	124	124	0	124	7153.73	112
	Sep 2014	41	112	3	115	115	0	115	7153.73	112
	WY 2014	**1030**	**611**	**85**	**696**	**696**	**0**	**696**		
	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	96	2	98	98	0	98	7153.73	112
	Jan 2015	27	67	2	69	69	0	69	7153.73	112

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

February 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)
*	Feb 2012	26	35	3	38	15	23	38	6751.90	17	1	38
H	Mar 2012	49	34	6	40	40	0	40	6751.80	17	6	35
I	Apr 2012	71	63	8	71	71	0	71	6752.10	17	50	23
S	May 2012	86	79	6	84	86	0	86	6745.87	15	65	24
T	Jun 2012	49	93	3	96	97	0	97	6744.24	14	63	37
O	Jul 2012	35	89	4	93	93	0	93	6745.39	15	62	36
R	Aug 2012	32	80	3	84	84	0	84	6743.63	14	52	38
I	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**
C	Oct 2012	24	40	3	42	40	0	40	6750.72	16	20	20
A	Nov 2012	23	16	4	19	21	0	21	6746.77	15	1	19
L	Dec 2012	22	18	4	22	22	0	22	6749.11	16	1	20
*	Jan 2013	20	17	4	21	19	2	21	6747.09	15	0	20
	Feb 2013	22	18	3	21	19	0	19	6753.04	17	0	19
	Mar 2013	36	22	5	27	27	0	27	6753.04	17	5	21
	Apr 2013	79	39	12	51	51	0	51	6753.04	17	30	21
	May 2013	165	67	21	88	88	0	88	6753.04	17	55	33
	Jun 2013	160	71	10	81	81	0	81	6753.04	17	60	21
	Jul 2013	56	100	2	102	102	0	102	6753.04	17	65	37
	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	**684**	**586**	**75**	**661**	**656**	**2**	**659**			**357**	**300**
	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	16	5	21	21	0	21	6753.04	17	0	21
	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	124	8	133	133	0	133	6753.04	17	65	68
	Sep 2014	47	115	6	121	121	0	121	6753.04	17	55	66
	WY 2014	**1168**	**696**	**138**	**834**	**790**	**44**	**834**			**365**	**469**
	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	98	5	102	102	0	102	6753.04	17	0	102
	Jan 2015	31	69	5	74	74	0	74	6753.04	17	0	74

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

February 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)
*	Feb 2012	4	4	7645.50	76
H	Mar 2012	12	4	7648.84	84
I	Apr 2012	36	3	7661.80	117
S	May 2012	42	35	7664.36	124
T	Jun 2012	17	36	7656.80	104
O	Jul 2012	11	35	7647.02	80
R	Aug 2012	7	33	7634.93	54
I	Sep 2012	4	22	7624.48	36
	WY 2012	**168**	**188**		
C	Oct 2012	3	3	7624.51	36
A	Nov 2012	3	1	7625.69	37
L	Dec 2012	3	0	7627.33	40
*	Jan 2013	3	0	7629.10	43
	Feb 2013	3	0	7630.43	46
	Mar 2013	4	0	7632.33	49
	Apr 2013	14	0	7639.12	62
	May 2013	57	27	7652.03	92
	Jun 2013	57	41	7658.24	108
	Jul 2013	22	38	7651.47	91
	Aug 2013	16	34	7643.64	72
	Sep 2013	14	24	7638.68	62
	WY 2013	**199**	**170**		
	Oct 2013	14	12	7639.52	63
	Nov 2013	8	3	7642.04	69
	Dec 2013	6	3	7643.63	72
	Jan 2014	5	3	7644.79	75
	Feb 2014	5	2	7645.78	77
	Mar 2014	9	3	7648.07	82
	Apr 2014	23	3	7656.25	102
	May 2014	71	48	7664.88	125
	Jun 2014	70	70	7664.84	125
	Jul 2014	29	42	7659.90	112
	Aug 2014	20	38	7652.62	93
	Sep 2014	17	30	7647.41	81
	WY 2014	**278**	**255**		
	Oct 2014	16	18	7646.30	78
	Nov 2014	9	8	7646.73	79
	Dec 2014	6	6	7646.73	79
	Jan 2015	5	5	7646.69	79

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

February 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)
*	Feb 2012	19	0	18	1	1	28	6054.95	1285	44
H	Mar 2012	74	7	61	2	6	31	6056.81	1308	70
I	Apr 2012	149	18	98	2	27	30	6059.88	1346	97
S	May 2012	131	17	105	4	34	110	6056.40	1303	177
T	Jun 2012	20	4	35	4	46	42	6051.70	1246	57
O	Jul 2012	10	1	33	4	44	52	6045.91	1178	60
R	Aug 2012	0	0	26	3	45	55	6038.86	1101	47
I	Sep 2012	-2	0	17	2	22	58	6032.62	1035	56
	WY 2012	**523**	**53**	**490**	**26**	**236**	**521**			**814**
C	Oct 2012	3	0	3	1	11	40	6027.78	986	43
A	Nov 2012	9	0	7	1	0	23	6026.11	970	32
L	Dec 2012	12	0	9	0	0	22	6024.73	957	30
*	Jan 2013	14	0	11	0	0	20	6023.77	947	
	Feb 2013	20	0	18	1	0	23	6023.17	942	23
	Mar 2013	43	1	38	1	2	32	6023.53	945	32
	Apr 2013	100	13	73	2	18	21	6026.90	978	21
	May 2013	205	30	145	3	32	22	6035.63	1066	22
	Jun 2013	165	23	125	4	48	21	6040.62	1120	21
	Jul 2013	55	3	68	4	53	29	6039.04	1102	29
	Aug 2013	40	0	58	3	45	38	6036.37	1074	38
	Sep 2013	36	0	46	2	26	32	6035.10	1061	32
	WY 2013	**703**	**71**	**603**	**22**	**234**	**321**			**321**
	Oct 2013	42	0	39	1	7	29	6035.32	1063	29
	Nov 2013	32	0	26	1	0	23	6035.51	1065	23
	Dec 2013	25	0	21	1	0	28	6034.86	1058	28
	Jan 2014	22	0	19	1	0	28	6033.98	1049	28
	Feb 2014	30	0	28	1	0	25	6034.16	1051	25
	Mar 2014	92	2	84	1	2	24	6039.54	1108	24
	Apr 2014	170	14	136	2	18	21	6048.09	1203	21
	May 2014	277	37	217	3	33	40	6059.75	1345	40
	Jun 2014	224	32	191	4	48	86	6063.81	1397	86
	Jul 2014	66	6	72	5	53	22	6063.26	1390	22
	Aug 2014	45	2	61	4	46	27	6062.09	1375	27
	Sep 2014	43	0	55	3	26	27	6062.05	1374	27
	WY 2014	**1068**	**94**	**951**	**26**	**232**	**380**			**380**
	Oct 2014	47	1	48	2	7	31	6062.72	1383	31
	Nov 2014	34	1	32	1	0	30	6062.79	1384	30
	Dec 2014	25	0	25	1	0	31	6062.29	1377	31
	Jan 2015	22	0	22	1	0	22	6062.27	1377	22

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

February 2013 24-Month Study

Most Probable Inflow*

Lake Powell

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	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)
*	Feb 2012	342	460	11	653	0	653	3635.28	5290	15453	654
H	Mar 2012	560	625	19	600	0	600	3635.33	5290	15458	607
I	Apr 2012	764	689	29	606	0	606	3635.76	5294	15508	612
S	May 2012	792	770	35	601	0	601	3636.83	5304	15632	606
T	Jun 2012	353	398	54	709	0	709	3633.90	5277	15294	712
O	Jul 2012	154	285	62	886	0	886	3628.45	5228	14680	892
R	Aug 2012	101	289	60	800	0	800	3623.62	5186	14151	810
I	Sep 2012	104	296	54	481	0	481	3621.56	5168	13929	478
	WY 2012	**4908**	**5964**	**455**	**9466**	**0**	**9466**				**9527**
C	Oct 2012	190	294	37	498	0	498	3619.46	5150	13706	495
A	Nov 2012	246	273	35	652	78	730	3615.10	5114	13251	736
L	Dec 2012	201	247	27	801	0	801	3609.82	5071	12713	800
*	Jan 2013	168	230	8	801	0	801	3604.42	5028	12177	801
	Feb 2013	250	284	9	600	0	600	3601.32	5004	11877	600
	Mar 2013	400	356	14	600	0	600	3598.82	4985	11638	600
	Apr 2013	630	501	23	550	0	550	3598.12	4979	11572	550
	May 2013	1200	952	27	600	0	600	3601.28	5004	11873	600
	Jun 2013	1500	1207	43	800	0	800	3604.76	5030	12210	800
	Jul 2013	520	518	51	850	0	850	3601.10	5002	11855	850
	Aug 2013	250	360	50	800	0	800	3596.31	4966	11401	800
	Sep 2013	250	341	45	600	0	600	3593.28	4943	11120	600
	WY 2013	**5805**	**5564**	**368**	**8152**	**78**	**8230**				**8232**
	Oct 2013	380	400	31	600	0	600	3590.94	4926	10906	600
	Nov 2013	412	403	29	600	0	600	3588.62	4909	10696	600
	Dec 2013	363	381	23	800	0	800	3584.02	4877	10287	800
	Jan 2014	361	380	7	800	0	800	3579.44	4845	9892	800
	Feb 2014	393	391	7	600	0	600	3577.08	4829	9692	600
	Mar 2014	665	542	12	600	0	600	3576.31	4824	9626	600
	Apr 2014	1056	814	19	600	0	600	3578.45	4838	9807	600
	May 2014	2343	1940	24	600	0	600	3592.25	4936	11025	600
	Jun 2014	2666	2219	42	650	0	650	3607.08	5049	12439	650
	Jul 2014	1091	966	53	850	0	850	3607.67	5053	12498	850
	Aug 2014	500	604	52	900	0	900	3604.40	5028	12175	900
	Sep 2014	408	539	48	630	0	630	3603.09	5017	12047	630
	WY 2014	**10637**	**9578**	**346**	**8230**	**0**	**8230**				**8230**
	Oct 2014	512	571	33	600	0	600	3602.50	5013	11990	600
	Nov 2014	473	519	32	600	0	600	3601.42	5005	11886	600
	Dec 2014	363	509	25	800	0	800	3598.35	4981	11593	800
	Jan 2015	361	469	8	800	0	800	3595.01	4956	11280	800

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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)
*	Feb 2012	653	44	34	775	13.5	10	775	969	1133.06	14907
H	Mar 2012	600	43	38	986	16.0	16	985	945	1129.41	14535
I	Apr 2012	606	46	46	1170	19.7	20	1163	909	1123.93	13986
S	May 2012	601	16	52	1008	16.4	30	1007	880	1119.38	13541
T	Jun 2012	709	7	62	989	16.6	28	989	858	1115.84	13200
O	Jul 2012	886	69	77	841	13.7	29	819	858	1115.92	13207
R	Aug 2012	800	169	82	798	13.0	24	793	862	1116.56	13269
I	Sep 2012	481	97	67	635	10.7	18	634	854	1115.16	13135
	WY 2012	**9466**	**732**	**638**	**9421**		**226**	**9356**			
C	Oct 2012	498	53	49	346	5.6	20	331	862	1116.50	13263
A	Nov 2012	730	60	49	650	10.9	14	649	867	1117.24	13334
L	Dec 2012	801	50	43	476	7.7	11	432	886	1120.36	13636
*	Jan 2013	801	56	35	609	9.9	8	591	899	1122.32	13828
	Feb 2013	600	98	32	627	11.3	18	627	900	1122.52	13847
	Mar 2013	600	78	36	990	16.1	22	990	878	1118.96	13500
	Apr 2013	550	76	44	1137	19.1	14	1137	843	1113.38	12965
	May 2013	600	64	50	1029	16.7	24	1029	816	1108.99	12553
	Jun 2013	800	33	59	943	15.8	23	943	804	1107.05	12374
	Jul 2013	850	54	73	930	15.1	28	930	796	1105.74	12254
	Aug 2013	800	103	78	860	14.0	23	860	793	1105.14	12199
	Sep 2013	600	74	64	689	11.6	19	689	787	1104.14	12108
	WY 2013	**8230**	**799**	**612**	**9286**		**225**	**9207**			
	Oct 2013	600	49	46	505	8.2	17	505	792	1104.97	12183
	Nov 2013	600	46	46	592	9.9	24	592	791	1104.80	12168
	Dec 2013	800	108	40	518	8.4	19	518	811	1108.19	12479
	Jan 2014	800	78	33	697	11.3	16	697	819	1109.52	12603
	Feb 2014	600	98	31	674	12.1	18	674	818	1109.28	12580
	Mar 2014	600	78	34	1015	16.5	21	1015	794	1105.28	12212
	Apr 2014	600	76	42	1104	18.6	14	1104	764	1100.25	11758
	May 2014	600	64	47	1001	16.3	24	1001	739	1095.93	11375
	Jun 2014	650	33	56	930	15.6	22	930	720	1092.45	11070
	Jul 2014	850	54	69	863	14.0	28	863	716	1091.84	11017
	Aug 2014	900	103	74	826	13.4	23	826	721	1092.70	11092
	Sep 2014	630	74	61	623	10.5	19	623	721	1092.73	11094
	WY 2014	**8230**	**861**	**580**	**9347**		**245**	**9347**			
	Oct 2014	600	49	44	452	7.4	17	452	729	1094.18	11221
	Nov 2014	600	46	45	590	9.9	23	590	729	1094.04	11209
	Dec 2014	800	108	39	484	7.9	18	484	751	1097.96	11554
	Jan 2015	800	78	32	711	11.6	16	711	758	1099.22	11666

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RECLAMATION
Managing Water in the West

February 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)
*	Feb 2012	775	-18	10	726	0	726	12.6	641.20	1650
H	Mar 2012	986	-23	13	931	0	931	15.1	641.93	1670
I	Apr 2012	1170	-24	17	1091	0	1091	18.3	643.35	1708
S	May 2012	1008	-14	22	980	0	980	15.9	643.06	1700
T	Jun 2012	989	-19	25	952	0	952	16.0	642.80	1693
O	Jul 2012	841	-9	25	805	0	805	13.1	642.89	1696
R	Aug 2012	798	-11	23	744	0	744	12.1	643.63	1716
I	Sep 2012	635	-5	18	723	0	723	12.1	639.55	1605
	WY 2012	**9421**	**-177**	**197**	**9051**	**0**	**9051**			
C	Oct 2012	346	-3	14	556	0	556	9.0	630.75	1377
A	Nov 2012	650	-11	10	499	0	499	8.4	635.82	1507
L	Dec 2012	476	-6	9	395	0	395	6.4	638.30	1572
*	Jan 2013	609	-11	10	510	0	510	8.3	641.20	1650
	Feb 2013	627	-6	10	590	0	590	10.6	642.00	1671
	Mar 2013	990	-14	13	949	0	949	15.4	642.50	1685
	Apr 2013	1137	-14	17	1093	0	1093	18.4	643.00	1699
	May 2013	1029	-14	22	992	0	992	16.1	643.00	1699
	Jun 2013	943	-10	25	934	0	934	15.7	642.00	1671
	Jul 2013	930	-4	25	914	0	914	14.9	641.50	1658
	Aug 2013	860	-7	23	830	0	830	13.5	641.50	1658
	Sep 2013	689	0	18	764	0	764	12.8	638.00	1564
	WY 2013	**9286**	**-103**	**196**	**9027**	**0**	**9027**			
	Oct 2013	505	0	15	621	0	621	10.1	633.00	1434
	Nov 2013	592	-15	10	515	0	515	8.7	635.00	1486
	Dec 2013	518	-19	9	392	0	392	6.4	638.71	1583
	Jan 2014	697	-13	10	591	0	591	9.6	641.80	1666
	Feb 2014	674	-6	10	658	0	658	11.8	641.80	1666
	Mar 2014	1015	-14	13	953	0	953	15.5	643.05	1700
	Apr 2014	1104	-14	17	1075	0	1075	18.1	643.00	1699
	May 2014	1001	-14	22	964	0	964	15.7	643.00	1699
	Jun 2014	930	-10	25	921	0	921	15.5	642.00	1671
	Jul 2014	863	-4	25	847	0	847	13.8	641.50	1658
	Aug 2014	826	-7	23	796	0	796	12.9	641.50	1658
	Sep 2014	623	0	18	698	0	698	11.7	638.00	1564
	WY 2014	**9347**	**-118**	**197**	**9032**	**0**	**9032**			
	Oct 2014	452	0	15	568	0	568	9.2	633.00	1434
	Nov 2014	590	-15	10	514	0	514	8.6	635.00	1486
	Dec 2014	484	-19	9	358	0	358	5.8	638.71	1583
	Jan 2015	711	-13	10	605	0	605	9.8	641.80	1666

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

Model Run ID: 2139

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 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)
*	Feb 2012	726	11	8	497	8.6	49	169	447.10	563	159	2.8
H	Mar 2012	931	8	9	711	11.6	21	187	447.23	565	187	3.0
I	Apr 2012	1091	24	11	785	13.2	97	180	449.13	602	183	3.1
S	May 2012	980	26	13	709	11.5	100	179	448.81	596	99	1.6
T	Jun 2012	952	10	15	719	12.1	97	130	448.23	584	103	1.7
O	Jul 2012	805	46	17	675	11.0	101	34	448.91	598	124	2.0
R	Aug 2012	744	26	17	568	9.2	100	85	448.38	587	97	1.6
I	Sep 2012	723	31	15	548	9.2	74	137	446.98	561	90	1.5
	WY 2012	**9051**	**289**	**140**	**6652**		**723**	**1763**			**1435**	
C	Oct 2012	556	34	12	482	7.8	14	32	449.31	606	70	1.1
A	Nov 2012	499	27	9	348	5.9	14	174	448.06	581	88	1.5
L	Dec 2012	395	21	7	289	4.7	15	132	446.41	550	132	2.2
*	Jan 2013	510	19	6	352	5.7	57	80	448.01	580	144	2.3
	Feb 2013	590	7	8	424	7.6	7	155	447.80	576	156	2.8
	Mar 2013	949	18	9	683	11.1	90	183	447.50	571	201	3.3
	Apr 2013	1093	19	11	793	13.3	100	177	448.70	593	212	3.6
	May 2013	992	18	13	702	11.4	99	184	448.70	593	111	1.8
	Jun 2013	934	15	16	693	11.6	96	131	448.70	593	109	1.8
	Jul 2013	914	21	17	728	11.8	99	91	448.00	580	111	1.8
	Aug 2013	830	22	17	644	10.5	99	89	447.50	571	105	1.7
	Sep 2013	764	20	15	556	9.3	96	122	446.81	557	102	1.7
	WY 2013	**9027**	**241**	**140**	**6693**		**787**	**1550**			**1540**	
	Oct 2013	621	23	12	449	7.3	47	138	446.31	548	65	1.1
	Nov 2013	515	32	8	371	6.2	47	111	446.50	552	99	1.7
	Dec 2013	392	26	6	273	4.4	48	85	446.50	552	105	1.7
	Jan 2014	591	15	6	330	5.4	89	176	446.50	552	125	2.0
	Feb 2014	658	7	8	444	8.0	79	127	446.50	552	156	2.8
	Mar 2014	953	18	9	686	11.2	89	175	446.70	555	201	3.3
	Apr 2014	1075	19	11	782	13.1	86	169	448.70	593	212	3.6
	May 2014	964	18	13	695	11.3	89	173	448.70	593	111	1.8
	Jun 2014	921	15	16	685	11.5	86	137	448.70	593	109	1.8
	Jul 2014	847	21	17	724	11.8	89	38	448.00	580	111	1.8
	Aug 2014	796	22	17	640	10.4	89	70	447.50	571	105	1.7
	Sep 2014	698	20	15	545	9.2	60	101	446.81	557	102	1.7
	WY 2014	**9032**	**237**	**139**	**6624**		**898**	**1502**			**1500**	
	Oct 2014	568	23	12	443	7.2	15	124	446.31	548	65	1.1
	Nov 2014	514	32	8	365	6.1	15	147	446.50	552	99	1.7
	Dec 2014	358	26	6	266	4.3	15	92	446.50	552	105	1.7
	Jan 2015	605	15	6	344	5.6	89	176	446.50	552	125	2.0

* 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

February 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
*	Feb 2012	775	13.5	1133.06	14907	-115	484.32	1282.0	338.6	68	436.7
H	Mar 2012	986	16.0	1129.41	14535	-372	481.45	1047.0	427.4	56	433.4
I	Apr 2012	1170	19.7	1123.93	13986	-548	475.07	1164.0	505.3	62	432.0
S	May 2012	1008	16.4	1119.38	13541	-445	471.90	1050.0	429.0	56	425.4
T	Jun 2012	989	16.6	1115.84	13200	-341	470.21	1829.0	414.2	100	418.8
O	Jul 2012	841	13.7	1115.92	13207	8	471.23	1374.0	349.7	76	415.6
R	Aug 2012	798	13.0	1116.56	13269	61	471.53	1809.0	331.4	100	415.2
I	Sep 2012	635	10.7	1115.16	13135	-134	473.98	1809.0	261.9	100	412.2
	WY 2012	**9421**							**3985.6**		
C	Oct 2012	346	5.6	1116.50	13263	128	476.50	1051.0	141.3	58	409.0
A	Nov 2012	650	10.9	1117.24	13334	71	473.22	1051.0	276.3	58	424.7
L	Dec 2012	476	7.7	1120.36	13636	302	475.06	1520.0	198.5	84	417.3
*	Jan 2013	609	9.9	1122.32	13828	192	474.10	1062.0	259.8	59	426.6
	Feb 2013	627	11.3	1122.52	13847	19	474.08	1072.0	266.8	59	425.5
	Mar 2013	990	16.1	1118.96	13500	-347	470.58	1299.0	420.6	72	425.0
	Apr 2013	1137	19.1	1113.38	12965	-535	467.66	958.0	507.8	54	446.6
	May 2013	1029	16.7	1108.99	12553	-412	461.74	1072.0	439.0	61	426.7
	Jun 2013	943	15.8	1107.05	12374	-180	454.65	1746.0	386.4	100	409.9
	Jul 2013	930	15.1	1105.74	12254	-120	453.52	1736.0	378.1	100	406.4
	Aug 2013	860	14.0	1105.14	12199	-55	452.74	1735.0	353.1	100	410.6
	Sep 2013	689	11.6	1104.14	12108	-92	453.08	1730.0	276.6	100	401.3
	WY 2013	**9286**							**3904.4**		
	Oct 2013	505	8.2	1104.97	12183	76	457.46	1361.0	205.9	79	407.4
	Nov 2013	592	9.9	1104.80	12168	-15	459.34	1374.0	240.9	79	407.1
	Dec 2013	518	8.4	1108.19	12479	311	459.11	1383.0	212.2	79	409.7
	Jan 2014	697	11.3	1109.52	12603	124	460.31	1217.0	286.8	69	411.5
	Feb 2014	674	12.1	1109.28	12580	-22	457.90	1529.0	275.8	87	409.5
	Mar 2014	1015	16.5	1105.28	12212	-369	455.42	1502.0	414.8	87	408.8
	Apr 2014	1104	18.6	1100.25	11758	-454	451.09	1390.0	457.1	82	414.0
	May 2014	1001	16.3	1095.93	11375	-383	445.18	1569.0	397.8	93	397.6
	Jun 2014	930	15.6	1092.45	11070	-305	440.92	1661.0	369.7	100	397.7
	Jul 2014	863	14.0	1091.84	11017	-53	439.38	1661.0	344.8	100	399.6
	Aug 2014	826	13.4	1092.70	11092	75	439.67	1661.0	328.7	100	397.9
	Sep 2014	623	10.5	1092.73	11094	2	441.24	1661.0	244.8	100	393.1
	WY 2014	**9347**							**3779.3**		
	Oct 2014	452	7.4	1094.18	11221	127	446.42	1304.4	178.1	79	393.7
	Nov 2014	590	9.9	1094.04	11209	-12	448.63	1317.7	235.4	79	398.8
	Dec 2014	484	7.9	1097.96	11554	344	448.68	1311.9	193.0	79	398.8
	Jan 2015	711	11.6	1099.22	11666	112	450.10	1149.8	287.5	69	404.6

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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
*	Feb 2012	726	12.6	641.20	1650	22	140.80	163.2	90.8	64	125.1
H	Mar 2012	931	15.1	641.93	1670	20	140.23	204.0	117.4	80	126.2
I	Apr 2012	1091	18.3	643.35	1708	39	142.08	249.9	147.4	98	135.2
S	May 2012	980	15.9	643.06	1700	-8	141.39	252.5	128.9	99	131.5
T	Jun 2012	952	16.0	642.80	1693	-7	140.12	255.0	122.6	100	128.8
O	Jul 2012	805	13.1	642.89	1696	2	143.36	255.0	100.7	100	125.1
R	Aug 2012	744	12.1	643.63	1716	20	142.43	252.5	92.5	99	124.3
I	Sep 2012	723	12.1	639.55	1605	-111	137.86	255.0	96.5	100	133.5
	WY 2012	**9051**							**1153.5**		
C	Oct 2012	556	9.0	630.75	1377	-228	130.98	206.6	68.5	81	123.3
A	Nov 2012	499	8.4	635.82	1507	130	136.16	168.3	67.9	66	136.0
L	Dec 2012	395	6.4	638.30	1572	65	134.78	183.6	44.1	72	111.7
*	Jan 2013	510	8.3	641.20	1650	78	139.33	163.2	63.2	64	123.8
	Feb 2013	590	10.6	642.00	1671	22	137.48	158.1	74.0	62	125.5
	Mar 2013	949	15.4	642.50	1685	14	136.24	219.3	118.1	86	124.5
	Apr 2013	1093	18.4	643.00	1699	14	135.78	255.0	135.6	100	124.0
	May 2013	992	16.1	643.00	1699	0	136.04	255.0	124.0	100	124.9
	Jun 2013	934	15.7	642.00	1671	-27	135.51	255.0	116.4	100	124.6
	Jul 2013	914	14.9	641.50	1658	-14	134.73	255.0	113.5	100	124.2
	Aug 2013	830	13.5	641.50	1658	0	134.46	255.0	103.3	100	124.4
	Sep 2013	764	12.8	638.00	1564	-94	132.62	255.0	94.1	100	123.1
	WY 2013	**9027**							**1122.6**		
	Oct 2013	621	10.1	633.00	1434	-130	129.33	214.2	74.6	84	120.2
	Nov 2013	515	8.7	635.00	1486	51	127.83	211.7	61.5	83	119.4
	Dec 2013	392	6.4	638.71	1583	97	130.91	209.1	48.2	82	122.9
	Jan 2014	591	9.6	641.80	1666	83	134.46	209.1	73.7	82	124.7
	Feb 2014	658	11.8	641.80	1666	0	136.08	209.1	82.4	82	125.2
	Mar 2014	953	15.5	643.05	1700	34	135.44	255.0	118.8	100	124.6
	Apr 2014	1075	18.1	643.00	1699	-2	136.07	255.0	133.8	100	124.4
	May 2014	964	15.7	643.00	1699	0	136.04	255.0	120.6	100	125.1
	Jun 2014	921	15.5	642.00	1671	-27	135.51	255.0	114.9	100	124.7
	Jul 2014	847	13.8	641.50	1658	-14	134.73	255.0	105.5	100	124.5
	Aug 2014	796	12.9	641.50	1658	0	134.46	255.0	99.2	100	124.6
	Sep 2014	698	11.7	638.00	1564	-94	132.62	255.0	86.1	100	123.4
	WY 2014	**9032**							**1119.1**		
	Oct 2014	568	9.2	633.00	1434	-130	129.33	214.2	68.4	84	120.5
	Nov 2014	514	8.6	635.00	1486	51	127.83	211.7	61.3	83	119.4
	Dec 2014	358	5.8	638.71	1583	97	130.91	209.1	44.1	82	123.1
	Jan 2015	605	9.8	641.80	1666	83	134.46	209.1	75.3	82	124.6

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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
*	Feb 2012	497	8.6	447.10	563	9	80.85	94.8	35.1	79	70.7
H	Mar 2012	711	11.6	447.23	565	2	81.75	97.2	48.8	81	68.6
I	Apr 2012	785	13.2	449.13	602	36	83.37	120.0	54.1	100	69.0
S	May 2012	709	11.5	448.81	596	-6	81.37	111.6	49.6	93	69.9
T	Jun 2012	719	12.1	448.23	584	-11	79.00	120.0	49.7	100	69.1
O	Jul 2012	675	11.0	448.91	598	13	82.94	120.0	46.8	100	69.4
R	Aug 2012	568	9.2	448.38	587	-10	80.54	120.0	39.3	100	69.2
I	Sep 2012	548	9.2	446.98	561	-26	81.05	120.0	37.8	100	69.0
	WY 2012	**6652**							**458.2**		
C	Oct 2012	482	7.8	449.31	606	44	83.52	96.0	33.3	80	69.0
A	Nov 2012	348	5.9	448.06	581	-24	82.22	92.4	24.1	77	69.2
L	Dec 2012	289	4.7	446.41	550	-31	80.98	103.2	19.5	86	67.5
*	Jan 2013	352	5.7	448.01	580	30	83.56	102.0	24.4	85	69.4
	Feb 2013	424	7.6	447.80	576	-4	75.48	115.2	27.6	96	65.1
	Mar 2013	683	11.1	447.50	571	-6	75.03	120.0	44.8	100	65.7
	Apr 2013	793	13.3	448.70	593	23	75.47	120.0	52.6	100	66.3
	May 2013	702	11.4	448.70	593	0	76.05	120.0	46.7	100	66.5
	Jun 2013	693	11.6	448.70	593	0	76.05	120.0	46.1	100	66.5
	Jul 2013	728	11.8	448.00	580	-13	75.71	120.0	48.3	100	66.3
	Aug 2013	644	10.5	447.50	571	-10	75.13	120.0	42.2	100	65.6
	Sep 2013	556	9.3	446.81	557	-13	74.55	120.0	36.1	100	64.9
	WY 2013	**6693**							**445.7**		
	Oct 2013	449	7.3	446.31	548	-9	74.77	102.0	29.0	85	64.6
	Nov 2013	371	6.2	446.50	552	3	74.62	102.0	23.7	85	64.0
	Dec 2013	273	4.4	446.50	552	0	74.71	102.0	17.1	85	62.7
	Jan 2014	330	5.4	446.50	552	0	74.71	102.0	21.0	85	63.5
	Feb 2014	444	8.0	446.50	552	0	73.92	120.0	28.5	100	64.1
	Mar 2014	686	11.2	446.70	555	4	74.01	120.0	44.5	100	64.9
	Apr 2014	782	13.1	448.70	593	38	75.08	120.0	51.6	100	66.0
	May 2014	695	11.3	448.70	593	0	76.05	120.0	46.2	100	66.5
	Jun 2014	685	11.5	448.70	593	0	76.05	120.0	45.5	100	66.5
	Jul 2014	724	11.8	448.00	580	-13	75.71	120.0	48.0	100	66.3
	Aug 2014	640	10.4	447.50	571	-10	75.13	120.0	42.0	100	65.6
	Sep 2014	545	9.2	446.81	557	-13	74.55	120.0	35.4	100	64.9
	WY 2014	**6624**							**432.5**		
	Oct 2014	443	7.2	446.31	548	-9	74.77	102.0	28.6	85	64.6
	Nov 2014	365	6.1	446.50	552	3	74.62	102.0	23.3	85	64.0
	Dec 2014	266	4.3	446.50	552	0	74.71	102.0	16.6	85	62.6
	Jan 2015	344	5.6	446.50	552	0	74.71	102.0	21.9	85	63.7

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 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
*	Feb 2012	295	54	9	12	2	4
H	Mar 2012	275	62	9	12	6	4
	Winter 2012	**2475**	**300**	**97**	**117**	**61**	**26**
I	Apr 2012	276	47	16	22	14	4
S	May 2012	276	61	19	28	17	4
T	Jun 2012	324	34	26	33	19	7
O	Jul 2012	398	33	24	31	18	6
R	Aug 2012	360	31	21	28	16	6
I	Sep 2012	214	27	17	25	12	4
	Summer 2012	**1849**	**232**	**123**	**168**	**94**	**31**
C	Oct 2012	221	20	8	13	6	2
L	Dec 2012	346	27	4	6	2	4
*	Jan 2013	349	28	4	6	2	4
	Feb 2013	239	24	6	6	3	4
	Mar 2013	237	18	5	8	5	4
	Winter 2013	**1392**	**117**	**26**	**39**	**17**	**16**
	Apr 2013	216	17	9	14	9	4
	May 2013	237	35	15	24	15	4
	Jun 2013	318	41	17	26	14	7
	Jul 2013	337	23	28	36	18	6
	Aug 2013	314	23	26	35	18	7
	Sep 2013	235	22	21	29	15	6
	Summer 2013	**1657**	**160**	**116**	**164**	**88**	**35**
	Oct 2013	234	23	12	17	9	4
	Nov 2013	232	22	4	6	4	6
	Dec 2013	306	23	4	6	4	6
	Jan 2014	303	23	4	6	4	5
	Feb 2014	227	20	4	6	3	4
	Mar 2014	226	23	4	7	5	4
	Winter 2014	**1528**	**133**	**31**	**47**	**28**	**30**
	Apr 2014	226	22	8	14	9	5
	May 2014	230	41	34	52	23	7
	Jun 2014	256	82	11	20	16	9
	Jul 2014	341	39	25	31	18	10
	Aug 2014	360	39	38	45	23	8
	Sep 2014	252	38	34	41	21	3
	Summer 2014	**1414**	**223**	**115**	**162**	**88**	**37**
	Oct 2014	239	39	18	22	12	6
	Nov 2014	238	37	9	11	6	6
	Dec 2014	316	39	29	35	18	6
	Jan 2015	314	39	20	25	13	6

* 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

February 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****										
Feb 2013	947	501	749	12145	14342	13549	27891	313	141	321	776	12145	13549	26470	1500	627	0	32.5
Mar 2013	984	505	754	12445	14688	13530	28218	347	147	327	821	12445	13530	26796	1500	990	0	32.0
Apr 2013	962	494	751	12684	14892	13877	28768	321	138	320	779	12684	13877	27340	1500	1137	0	31.5
May 2013	916	470	718	12750	14855	14412	29267	269	110	268	647	12750	14412	27808	1500	1029	0	31.6
Jun 2013	876	404	630	12449	14359	14824	29182	219	33	144	396	12449	14824	27669	1500	943	0	32.0
Jul 2013	746	336	576	12112	13771	15003	28774	78	-46	40	71	12112	15003	27186	1500	930	0	31.5
								****CREDITABLE SPACE****										
Aug 2013	685	375	594	12467	14121	15123	29244	685	375	594	1654	12467	15123	29244	1500	860	0	30.9
Sep 2013	706	424	622	12921	14673	15178	29850	706	424	622	1752	12921	15178	29850	2270	689	0	30.3
Oct 2013	736	465	635	13202	15039	15269	30308	736	465	635	1836	13202	15269	30308	3040	505	0	30.0
Nov 2013	757	473	633	13416	15279	15194	30473	757	473	633	1863	13416	15194	30473	3810	592	0	29.8
Dec 2013	775	459	631	13626	15491	15209	30700	775	459	631	1865	13626	15209	30700	4580	518	0	29.8
Jan 2014	805	448	638	14035	15925	14898	30824	805	448	638	1891	14035	14898	30824	5350	697	0	29.6
								****EFFECTIVE SPACE****										
Jan 2014	805	448	638	14035	15925	14898	30824	481	448	502	1431	14035	14898	30364	5350	697	0	29.6
Feb 2014	830	439	647	14430	16345	14774	31120	503	439	511	1452	14430	14774	30656	1500	674	0	29.4
Mar 2014	845	429	645	14630	16549	14797	31346	515	429	508	1452	14630	14797	30879	1500	1015	0	29.1
Apr 2014	811	409	588	14696	16503	15165	31669	475	409	448	1332	14696	15165	31193	1500	1104	0	29.1
May 2014	745	364	493	14515	16117	15619	31736	402	364	333	1099	14515	15619	31233	1500	1001	0	30.3
Jun 2014	624	282	351	13297	14555	16002	30557	269	261	156	686	13297	16002	29985	1500	930	0	31.8
Jul 2014	473	82	299	11883	12737	16307	29044	104	36	51	191	11883	16307	28381	1500	863	0	31.9
								****CREDITABLE SPACE****										
Aug 2014	387	50	306	11824	12568	16360	28928	387	50	306	743	11824	16360	28928	1500	826	0	31.5
Sep 2014	418	101	321	12147	12987	16285	29273	418	101	321	841	12147	16285	29273	2270	623	0	31.1
Oct 2014	478	167	322	12275	13242	16283	29525	478	167	322	967	12275	16283	29525	3040	452	0	31.0
Nov 2014	532	182	313	12332	13359	16156	29515	532	182	313	1027	12332	16156	29515	3810	590	0	30.9
Dec 2014	586	179	312	12436	13514	16168	29682	586	179	312	1078	12436	16168	29682	4580	484	0	30.9
Jan 2015	658	248	319	12729	13954	15823	29777	658	248	319	1225	12729	15823	29777	5350	711	0	30.6
								****EFFECTIVE SPACE****										
Jan 2015	658	248	319	12729	13954	15823	29777	289	248	223	760	12729	15823	29312	5350	711	0	30.6

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