January 24-Month Study
Date: January 11, 2013

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

Current Reservoir Status

Reservoir	December Inflow (unregulated) (acre-feet)	Percent of Average (%)	January 19 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	28,000	88	6483.51	186,000
Flaming Gorge	26,000	74	6020.47	2,996,000
Blue Mesa	18,000	69	7452.68	328,000
Navajo	12,000	47	6024.24	952,000
Powell	195,000	54	3607.78	12,508,000

Expected Operations

The operation of Lake Powell and Lake Mead in this January 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 draft 2013 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 January 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 draft 2013 AOP is available for download at http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP13_draft.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of December were 28,000 acre-feet (af), or 88 percent of average. The reservoir elevation is 6484.2 feet above sea level, 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 January, February and March forecasted inflow volumes at 25,000 AF (82% of average), 22,000 AF (80% of average), and 43,000 AF (82% 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 555,000 af or 76 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 December was 25,000 acre-feet af, or 73 percent of average. The reservoir elevation is 6020.5 feet and dropping. Observed inflows are approximately 300 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. It is anticipated that releases will remain at 1,200 cfs through the end of February.

The Colorado Basin River Forecast Center has issued the official water supply forecast for the April through July unregulated inflow volume which is 754,000 af or 76 percent of the 1981-2010 thirty-year average. The spring hydrologic classification would be average (below median) if the May 1 final forecast remains in the range between 779,000

af to 1,045,000 af. The hydrologic classification would be average (above median) if the May 1 final forecast remains in the range between 1,331,001 af and 1,513,000 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 – December unregulated inflow into Blue Mesa Reservoir was 18,000 acre-feet or 69 percent of average. Precipitation during December was observed to be about 110 percent of average. The Gunnison River basin snowpack as of January 8th was averaging about 67 percent. The current inflow rate into Blue Mesa Reservoir is about 250 cfs while reservoir releases are averaging about 250 cfs. The present reservoir elevation is 7452.64 feet, which corresponds to a storage content of about 327,000 acre-feet.

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 first Water Supply Forecast for Water Year 2013 has been issued and the April through July unregulated inflow is forecasted to be at 390,000 acre-feet (58% of average). Based on this forecast, Blue Mesa Reservoir is not projected to fill by the end of this 2013 runoff season.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday January 24th in the Montrose, Colorado, starting at 1:00 PM. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2013 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 – Navajo Reservoir release rate is currently set at 350 cfs. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base

flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

The current San Juan River basin snowpack is 57% of average snow water equivalent (SWE). For the Animas River Basin it is 55%. Precipitation for the month of December in the San Juan River basin was about 100 percent of average. Unregulated inflow into Navajo Reservoir during the month of December was 12,000 acre-feet, or 47 percent of average. Currently, the daily reservoir inflow is averaging about 100 cfs. Diversions for NIIP have currently been shut down for the winter. The reservoir water surface elevation is at 6024.39 feet, which corresponds to a storage content of about 953,000 acre-feet.

A public meeting on Navajo Reservoir operations will be 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 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 –

Recent Reservoir Operations

The unregulated inflow volume to Lake Powell in December was 195 thousand acre-feet (kaf) (54% of average). The release volume from Glen Canyon Dam in December was 801 kaf. The end of December elevation and storage of Lake Powell were 3609.8 feet (90 feet from full pool) and 12.71 maf (52% of full capacity). The reservoir elevation will continue to decline through the winter months.

Current and Planned Reservoir 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 January are currently averaging approximately 13,000 cfs with daily fluctuations between approximately 8,500cfs and 16,500cfs and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The scheduled release volume for January 2013 is 800 kaf.

In February, the release volume will likely be about 600 kaf, with fluctuations throughout the day from about 8,000 cfs in the early morning to about 14,000 cfs in the evening. In March, the release volume will likely be about 600 kaf with daily fluctuations for hydropower 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.

Current 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 4.4 maf (61% 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 3600.8 and 11.83 maf (49% 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 6.57 maf (61% 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			dec	Forecast		Outlook		
:	sep	oct	nov	dec	%Avg	jan	feb	mar	apr-jul	%Avg
GLDA3:Lake Powell	104	190	246	195	54%:	230/	250/	420/	4400/:	61%
GBRW4:Fontenelle	23	29	35	28	88%:	25/	22/	43/	555/:	77%
GRNU1:Flaming Gorge	19.4	24	39	26	74%:	28/	32/	83/	745/:	76%
BMDC2:Blue Mesa	19.2	20	18.8	17.7	69%:	16/	14/	23/	390/:	58%
MPSC2:Morrow Point	19.5	22	19.6	18.4	66%:	17/	15/	25/	420/:	57%
CLSC2:Crystal	22	24	23	22	68%:	20/	18/	29/	465/:	56%
TPIC2:Taylor Park	4.3	4.2	3.0	3.0	64%:	2.6/	2/	2.6/	62/:	63%
VCRC2:Vallecito	3.9	3.4	3.1	3.0	47%:	2.4/	1.9/	3.5/	135/:	70%
NVRN5:Navajo	-2.27	3.4	9.1	11.9	47%:	12/	15/	41/	440/:	60%
LEMC2:Lemon	0.78	0.55	0.46	0.42	38%:	0.35/	0.3/	0.7/	35/:	64%
MPHC2:McPhee	4.0	1.63	1.71	1.60	36%:	1.5/	2/	8/	205/:	69%
RBSC2:Ridgway	6.1	4.5	3.8	3.6	80%:	3.2/	2.8/	4.5/	63/:	62%
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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 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)
*	Jan 2012	32	1	74	0	74	6479.61	165
H	Feb 2012	30	0	69	0	69	6471.56	126
I	Mar 2012	64	0	67	0	67	6470.82	123
S	Apr 2012	98	1	60	0	60	6478.72	160
T	May 2012	130	1	61	0	62	6489.92	227
O	Jun 2012	189	2	83	16	99	6502.11	315
R	Jul 2012	92	3	72	3	75	6503.94	329
I	Aug 2012	36	2	68	0	68	6499.56	296
C	Sep 2012	23	2	46	8	54	6495.11	263
	WY 2012	**825**	**15**	**750**	**94**	**845**		
A	Oct 2012	29	1	25	28	53	6491.56	238
L	Nov 2012	35	1	22	28	51	6489.08	221
*	Dec 2012	28	1	52	0	52	6485.19	196
	Jan 2013	25	1	56	0	56	6479.84	166
	Feb 2013	22	0	47	0	47	6474.69	140
	Mar 2013	43	0	52	0	52	6472.58	130
	Apr 2013	70	1	51	0	51	6476.57	149
	May 2013	110	1	89	0	89	6480.34	169
	Jun 2013	245	2	102	9	112	6500.14	300
	Jul 2013	130	3	85	0	85	6505.63	343
	Aug 2013	60	2	82	0	82	6502.50	318
	Sep 2013	42	2	68	0	68	6498.78	290
	WY 2013	**839**	**15**	**732**	**65**	**798**		
	Oct 2013	46	1	71	0	71	6495.20	264
	Nov 2013	41	1	68	0	68	6491.14	236
	Dec 2013	32	1	71	0	71	6485.05	196
	Jan 2014	30	1	71	0	71	6477.78	155
	Feb 2014	28	0	64	0	64	6469.87	119
	Mar 2014	53	0	71	0	71	6465.27	100
	Apr 2014	85	1	83	0	83	6465.68	102
	May 2014	164	1	96	14	111	6477.46	154
	Jun 2014	299	2	102	50	152	6500.02	299
	Jul 2014	178	3	101	30	131	6505.68	343
	Aug 2014	77	2	74	0	74	6505.73	344
	Sep 2014	46	2	64	0	64	6503.21	324
	WY 2014	**1078**	**15**	**935**	**94**	**1029**		
	Oct 2014	49	1	66	0	66	6500.78	305
	Nov 2014	42	1	64	0	64	6497.75	282
	Dec 2014	32	1	66	0	66	6492.86	247

* 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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January 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)
*	Jan 2012	45	87	2	148	0	148	134	6029.85	3343	189
H	Feb 2012	47	86	2	140	0	140	132	6028.43	3289	186
I	Mar 2012	104	107	3	162	0	162	130	6026.95	3233	286
S	Apr 2012	136	98	5	122	0	122	129	6026.21	3205	331
T	May 2012	153	85	8	159	19	178	125	6023.57	3108	385
O	Jun 2012	188	98	10	87	0	87	125	6023.59	3108	156
R	Jul 2012	93	76	12	84	0	84	124	6023.04	3088	99
I	Aug 2012	29	60	12	80	0	80	123	6022.19	3058	90
C	Sep 2012	19	50	10	68	0	68	122	6021.43	3030	78
	WY 2012	**990**	**1010**	**78**	**1366**	**20**	**1386**				**2278**
A	Oct 2012	24	48	7	52	0	52	122	6021.15	3020	69
L	Nov 2012	39	55	3	49	0	49	122	6021.23	3023	73
*	Dec 2012	25	50	2	70	0	70	121	6020.63	3002	109
	Jan 2013	28	59	2	74	0	74	120	6020.17	2986	74
	Feb 2013	32	57	2	66	0	66	120	6019.87	2975	66
	Mar 2013	83	92	3	50	0	50	121	6020.94	3013	50
	Apr 2013	110	91	5	48	0	48	123	6021.97	3050	48
	May 2013	175	154	7	95	0	95	125	6023.34	3099	95
	Jun 2013	300	167	10	152	0	152	125	6023.47	3104	152
	Jul 2013	160	115	13	74	0	74	126	6024.20	3131	74
	Aug 2013	68	90	12	74	0	74	126	6024.31	3135	74
	Sep 2013	45	71	11	71	0	71	126	6024.03	3125	71
	WY 2013	**1090**	**1049**	**76**	**874**	**0**	**874**				**954**
	Oct 2013	52	77	7	74	0	74	126	6023.92	3121	74
	Nov 2013	48	76	3	71	0	71	126	6023.94	3121	71
	Dec 2013	35	74	2	74	0	74	125	6023.89	3120	74
	Jan 2014	40	81	2	74	0	74	126	6024.03	3125	74
	Feb 2014	45	81	2	67	0	67	126	6024.35	3136	67
	Mar 2014	102	120	3	74	0	74	128	6025.49	3178	74
	Apr 2014	134	131	5	71	0	71	130	6026.91	3231	71
	May 2014	245	192	8	121	0	121	132	6028.51	3292	121
	Jun 2014	390	242	10	224	0	224	133	6028.71	3300	224
	Jul 2014	210	163	14	101	0	101	135	6029.92	3346	101
	Aug 2014	89	86	13	101	0	101	133	6029.22	3319	101
	Sep 2014	55	73	11	98	0	98	132	6028.30	3284	98
	WY 2014	**1444**	**1396**	**79**	**1151**	**0**	**1151**				**1151**
	Oct 2014	59	77	7	101	0	101	131	6027.49	3253	101
	Nov 2014	51	73	3	98	0	98	130	6026.76	3226	98
	Dec 2014	35	69	2	101	0	101	128	6025.88	3193	101

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

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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)
*	Jan 2012	4	5	9307.37	66
H	Feb 2012	4	4	9307.22	66
I	Mar 2012	6	4	9308.28	67
S	Apr 2012	10	4	9311.81	73
T	May 2012	16	8	9316.40	81
O	Jun 2012	9	15	9312.87	75
R	Jul 2012	6	14	9307.53	66
I	Aug 2012	4	12	9302.28	58
C	Sep 2012	4	6	9300.80	56
	WY 2012	**80**	**94**		
A	Oct 2012	4	4	9301.04	57
L	Nov 2012	3	3	9301.07	57
*	Dec 2012	3	3	9301.09	57
	Jan 2013	3	5	9299.70	55
	Feb 2013	2	5	9297.82	52
	Mar 2013	3	5	9296.34	50
	Apr 2013	6	5	9297.51	52
	May 2013	18	8	9304.74	62
	Jun 2013	28	15	9313.05	75
	Jul 2013	10	18	9308.06	67
	Aug 2013	6	18	9299.85	55
	Sep 2013	5	16	9290.83	44
	WY 2013	**90**	**103**		
	Oct 2013	5	10	9286.29	39
	Nov 2013	5	5	9286.31	39
	Dec 2013	5	5	9286.49	39
	Jan 2014	4	5	9286.34	39
	Feb 2014	4	5	9285.66	38
	Mar 2014	4	5	9285.60	38
	Apr 2014	9	5	9289.63	42
	May 2014	28	8	9305.31	63
	Jun 2014	42	18	9319.70	86
	Jul 2014	20	18	9320.88	89
	Aug 2014	10	18	9316.58	81
	Sep 2014	7	16	9311.45	72
	WY 2014	**143**	**115**		
	Oct 2014	7	10	9309.36	69
	Nov 2014	5	5	9309.74	69
	Dec 2014	5	5	9309.86	70

* 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)
*	Jan 2012	22	23	0	52	0	52	7485.29	545
H	Feb 2012	21	22	0	34	0	34	7483.66	533
I	Mar 2012	40	39	0	32	0	32	7484.49	539
S	Apr 2012	57	51	1	58	0	58	7483.54	532
T	May 2012	74	66	1	71	0	71	7482.82	527
O	Jun 2012	45	50	1	93	0	93	7476.82	483
R	Jul 2012	30	39	1	90	0	90	7469.29	431
I	Aug 2012	28	36	1	79	0	79	7462.48	387
C	Sep 2012	19	21	1	67	0	67	7454.82	340
	WY 2012	**427**	**442**	**7**	**793**	**0**	**793**		
A	Oct 2012	20	20	0	33	0	33	7452.55	327
L	Nov 2012	19	19	0	19	0	19	7452.39	326
*	Dec 2012	18	18	0	16	0	16	7452.65	328
	Jan 2013	16	18	0	22	0	22	7451.91	323
	Feb 2013	14	17	0	13	0	13	7452.49	327
	Mar 2013	23	25	0	18	0	18	7453.72	334
	Apr 2013	52	51	1	35	0	35	7456.27	349
	May 2013	122	112	1	62	0	62	7464.23	398
	Jun 2013	153	140	1	56	0	56	7476.49	481
	Jul 2013	63	71	1	92	0	92	7473.32	458
	Aug 2013	38	50	1	97	0	97	7466.26	411
	Sep 2013	30	41	1	77	0	77	7460.52	374
	WY 2013	**568**	**581**	**7**	**540**	**0**	**540**		
	Oct 2013	33	38	0	44	0	44	7459.52	368
	Nov 2013	29	29	0	13	0	13	7462.05	384
	Dec 2013	26	25	0	14	0	14	7463.92	396
	Jan 2014	24	24	0	24	0	24	7463.97	396
	Feb 2014	22	23	0	21	0	21	7464.26	398
	Mar 2014	36	36	0	26	0	26	7465.85	408
	Apr 2014	77	73	1	36	0	36	7471.28	444
	May 2014	221	201	1	118	0	118	7482.76	526
	Jun 2014	261	237	1	36	0	36	7507.73	726
	Jul 2014	117	115	2	81	0	81	7511.45	758
	Aug 2014	63	71	1	120	0	120	7505.65	708
	Sep 2014	38	47	1	104	0	104	7498.64	650
	WY 2014	**948**	**919**	**8**	**636**	**0**	**636**		
	Oct 2014	38	42	1	58	0	58	7496.55	633
	Nov 2014	31	31	0	29	0	29	7496.71	635
	Dec 2014	26	25	0	78	0	78	7490.00	581

* 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

January 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)
*	Jan 2012	23	52	1	53	52	0	52	7155.61	113
H	Feb 2012	22	34	1	35	35	0	35	7155.27	113
I	Mar 2012	43	32	2	35	34	0	34	7156.25	114
S	Apr 2012	63	58	6	64	63	0	63	7157.05	115
T	May 2012	80	71	6	76	79	0	79	7154.07	112
O	Jun 2012	45	93	1	93	93	0	93	7154.59	113
R	Jul 2012	31	90	0	90	89	0	89	7155.86	114
I	Aug 2012	28	79	0	80	80	0	80	7154.84	113
C	Sep 2012	19	67	0	68	71	0	71	7150.03	109
	WY 2012	**447**	**793**	**21**	**814**	**811**	**0**	**811**		
A	Oct 2012	22	33	1	34	40	0	40	7142.80	104
L	Nov 2012	20	19	1	20	16	0	16	7148.49	108
*	Dec 2012	18	16	1	17	18	0	18	7146.50	106
	Jan 2013	17	22	1	23	17	0	17	7153.73	112
	Feb 2013	15	13	1	14	14	0	14	7153.73	112
	Mar 2013	25	18	2	20	20	0	20	7153.73	112
	Apr 2013	57	35	5	40	40	0	40	7153.73	112
	May 2013	134	62	12	74	74	0	74	7153.73	112
	Jun 2013	164	56	11	67	67	0	67	7153.73	112
	Jul 2013	65	92	2	94	94	0	94	7153.73	112
	Aug 2013	40	97	2	99	99	0	99	7153.73	112
	Sep 2013	32	77	2	79	79	0	79	7153.73	112
	WY 2013	**609**	**540**	**41**	**580**	**577**	**0**	**577**		
	Oct 2013	35	44	2	46	46	0	46	7153.73	112
	Nov 2013	31	13	2	15	15	0	15	7153.73	112
	Dec 2013	28	14	2	16	16	0	16	7153.73	112
	Jan 2014	27	24	2	26	26	0	26	7153.73	112
	Feb 2014	25	21	3	24	24	0	24	7153.73	112
	Mar 2014	40	26	4	30	30	0	30	7153.73	112
	Apr 2014	88	36	11	47	47	0	47	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	120	3	123	123	0	123	7153.73	112
	Sep 2014	41	104	3	107	107	0	107	7153.73	112
	WY 2014	**1032**	**636**	**84**	**720**	**720**	**0**	**720**		
	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	81	81	0	81	7153.73	112

* 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

January 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)
*	Jan 2012	27	52	3	56	53	3	56	6751.28	16	1	57
H	Feb 2012	26	35	3	38	15	23	38	6751.90	17	1	40
I	Mar 2012	49	34	6	40	40	0	40	6751.80	17	6	36
S	Apr 2012	71	63	8	71	71	0	71	6752.10	17	50	23
T	May 2012	86	79	6	84	86	0	86	6745.87	15	65	23
O	Jun 2012	49	93	3	96	97	0	97	6744.24	14	63	36
R	Jul 2012	35	89	4	93	93	0	93	6745.39	15	62	35
I	Aug 2012	32	80	3	84	84	0	84	6743.63	14	52	36
C	Sep 2012	22	71	2	74	63	11	74	6743.29	14	45	32
	WY 2012	**498**	**811**	**51**	**862**	**824**	**38**	**862**			**397**	**492**
A	Oct 2012	24	40	3	42	40	0	40	6750.72	16	20	20
L	Nov 2012	23	16	4	19	21	0	21	6746.77	15	1	19
*	Dec 2012	22	18	4	22	22	0	22	6749.11	16	1	20
	Jan 2013	20	17	3	20	19	0	19	6753.04	17	0	19
	Feb 2013	18	14	3	17	17	0	17	6753.04	17	0	17
	Mar 2013	29	20	4	24	24	0	24	6753.04	17	5	18
	Apr 2013	65	40	8	48	48	0	48	6753.04	17	30	18
	May 2013	152	74	18	92	92	0	92	6753.04	17	55	37
	Jun 2013	179	67	15	82	82	0	82	6753.04	17	60	22
	Jul 2013	69	94	4	98	98	0	98	6753.04	17	65	33
	Aug 2013	44	99	4	103	103	0	103	6753.04	17	65	38
	Sep 2013	35	79	3	82	82	0	82	6753.04	17	55	27
	WY 2013	**681**	**577**	**72**	**649**	**646**	**0**	**647**			**357**	**288**
	Oct 2013	39	46	4	50	50	0	50	6753.04	17	30	20
	Nov 2013	35	15	4	19	19	0	19	6753.04	17	0	19
	Dec 2013	32	16	5	20	20	0	20	6753.04	17	0	20
	Jan 2014	31	26	5	31	31	0	31	6753.04	17	0	31
	Feb 2014	29	24	4	27	27	0	27	6753.04	17	0	27
	Mar 2014	46	30	6	36	36	0	36	6753.04	17	5	31
	Apr 2014	101	47	12	60	60	0	60	6753.04	17	30	30
	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	123	8	132	132	0	132	6753.04	17	65	67
	Sep 2014	47	107	6	113	113	0	113	6753.04	17	55	58
	WY 2014	**1169**	**720**	**137**	**857**	**813**	**44**	**857**			**365**	**492**
	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	81	5	85	85	0	85	6753.04	17	0	85

* 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

January 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)
*	Jan 2012	5	3	7645.42	76
H	Feb 2012	4	4	7645.50	76
I	Mar 2012	12	4	7648.84	84
S	Apr 2012	36	3	7661.80	117
T	May 2012	42	35	7664.36	124
O	Jun 2012	17	36	7656.80	104
R	Jul 2012	11	35	7647.02	80
I	Aug 2012	7	33	7634.93	54
C	Sep 2012	4	22	7624.48	36
	WY 2012	**168**	**188**		
A	Oct 2012	3	3	7624.51	36
L	Nov 2012	3	1	7625.69	37
*	Dec 2012	3	0	7627.33	40
	Jan 2013	2	0	7628.53	42
	Feb 2013	2	0	7629.42	44
	Mar 2013	4	0	7631.14	47
	Apr 2013	12	0	7637.10	58
	May 2013	47	27	7646.08	78
	Jun 2013	54	41	7651.42	90
	Jul 2013	22	38	7644.19	73
	Aug 2013	14	34	7634.54	53
	Sep 2013	12	24	7627.54	41
	WY 2013	**178**	**170**		
	Oct 2013	12	12	7627.90	41
	Nov 2013	8	0	7632.12	49
	Dec 2013	6	0	7635.26	55
	Jan 2014	5	0	7637.76	60
	Feb 2014	5	0	7639.85	64
	Mar 2014	9	0	7643.58	72
	Apr 2014	23	2	7652.49	93
	May 2014	71	39	7664.93	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	7647.47	81
	WY 2014	**277**	**233**		
	Oct 2014	16	17	7646.70	79
	Nov 2014	9	7	7647.46	81
	Dec 2014	6	6	7647.46	81

* 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*

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)
*	Jan 2012	18	0	16	1	1	30	6055.85	1296	50
H	Feb 2012	19	0	18	1	1	28	6054.95	1285	46
I	Mar 2012	74	7	61	2	6	31	6056.81	1308	70
S	Apr 2012	149	18	98	2	27	30	6059.88	1346	96
T	May 2012	131	17	105	4	34	110	6056.40	1303	176
O	Jun 2012	20	4	35	4	46	42	6051.70	1246	57
R	Jul 2012	10	1	33	4	44	52	6045.91	1178	60
I	Aug 2012	0	0	26	3	45	55	6038.86	1101	46
C	Sep 2012	-2	0	17	2	22	58	6032.62	1035	65
	WY 2012	**522**	**53**	**490**	**26**	**236**	**521**			**821**
A	Oct 2012	3	0	3	1	11	40	6027.78	986	57
L	Nov 2012	9	0	7	1	0	23	6026.11	970	32
*	Dec 2012	12	0	9	0	0	22	6024.73	957	28
	Jan 2013	12	0	10	0	0	24	6023.20	942	24
	Feb 2013	15	0	13	1	0	28	6021.62	927	28
	Mar 2013	41	1	37	1	2	30	6022.06	931	30
	Apr 2013	89	14	63	2	18	18	6024.75	957	18
	May 2013	175	26	129	3	32	15	6032.60	1035	15
	Jun 2013	136	16	106	3	48	15	6036.48	1075	15
	Jul 2013	40	2	54	4	53	23	6034.10	1050	23
	Aug 2013	35	0	55	3	45	42	6030.63	1015	42
	Sep 2013	33	0	45	2	26	33	6029.08	999	33
	WY 2013	**600**	**60**	**533**	**22**	**234**	**313**			**345**
	Oct 2013	40	0	39	1	7	30	6029.20	1001	30
	Nov 2013	31	0	23	1	0	23	6029.13	1000	23
	Dec 2013	25	0	19	1	0	28	6028.20	991	28
	Jan 2014	22	0	17	0	0	28	6027.05	979	28
	Feb 2014	30	0	26	1	0	25	6027.02	979	25
	Mar 2014	92	2	82	1	2	24	6032.42	1033	24
	Apr 2014	170	14	135	2	18	21	6041.37	1128	21
	May 2014	277	37	208	3	33	40	6052.88	1260	40
	Jun 2014	224	32	191	4	48	86	6057.18	1312	86
	Jul 2014	66	6	72	4	53	22	6056.61	1305	22
	Aug 2014	45	2	61	3	46	27	6055.40	1290	27
	Sep 2014	43	0	55	3	26	27	6055.36	1290	27
	WY 2014	**1065**	**94**	**927**	**25**	**232**	**380**			**380**
	Oct 2014	47	1	47	2	7	30	6056.07	1299	30
	Nov 2014	34	1	31	1	0	30	6056.08	1299	30
	Dec 2014	25	0	25	1	0	31	6055.55	1292	31

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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January 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)
*	Jan 2012	356	503	10	852	0	852	3636.91	5305	15641	846
H	Feb 2012	342	460	11	653	0	653	3635.28	5290	15453	654
I	Mar 2012	560	625	19	600	0	600	3635.33	5290	15458	607
S	Apr 2012	764	689	29	606	0	606	3635.76	5294	15508	612
T	May 2012	792	770	35	601	0	601	3636.83	5304	15632	606
O	Jun 2012	353	398	54	709	0	709	3633.90	5277	15294	712
R	Jul 2012	154	285	62	886	0	886	3628.45	5228	14680	892
I	Aug 2012	101	289	60	800	0	800	3623.62	5186	14151	810
C	Sep 2012	104	296	54	481	0	481	3621.56	5168	13929	478
	WY 2012	**4908**	**5964**	**455**	**9466**	**0**	**9466**				**9527**
A	Oct 2012	190	294	37	498	0	498	3619.46	5150	13706	495
L	Nov 2012	246	273	35	652	78	730	3615.10	5114	13251	736
*	Dec 2012	201	247	27	801	0	801	3609.82	5071	12713	800
	Jan 2013	230	287	8	800	0	800	3604.91	5032	12225	800
	Feb 2013	250	296	9	600	0	600	3601.93	5009	11935	600
	Mar 2013	420	373	14	600	0	600	3599.60	4991	11712	600
	Apr 2013	650	531	23	550	0	550	3599.19	4988	11673	550
	May 2013	1400	1160	27	600	0	600	3604.31	5027	12166	600
	Jun 2013	1700	1398	44	800	0	800	3609.49	5068	12679	800
	Jul 2013	650	630	53	801	0	801	3607.42	5051	12472	801
	Aug 2013	340	457	52	850	0	850	3603.22	5018	12060	850
	Sep 2013	300	399	47	600	0	600	3600.84	5000	11830	600
	WY 2013	**6577**	**6345**	**377**	**8152**	**78**	**8230**				**8232**
	Oct 2013	422	451	32	600	0	600	3599.08	4987	11662	600
	Nov 2013	431	431	31	600	0	600	3597.12	4972	11477	600
	Dec 2013	363	392	24	800	0	800	3592.82	4940	11077	800
	Jan 2014	361	400	7	800	0	800	3588.67	4910	10700	800
	Feb 2014	393	409	8	600	0	600	3586.61	4895	10516	600
	Mar 2014	665	563	13	600	0	600	3586.08	4891	10470	600
	Apr 2014	1056	834	21	600	0	600	3588.30	4907	10667	600
	May 2014	2343	1948	26	600	0	600	3601.48	5005	11892	600
	Jun 2014	2666	2218	44	650	0	650	3615.60	5118	13302	650
	Jul 2014	1091	962	56	850	0	850	3616.10	5122	13354	850
	Aug 2014	500	599	55	900	0	900	3612.89	5096	13024	900
	Sep 2014	408	527	50	630	0	630	3611.50	5084	12882	630
	WY 2014	**10698**	**9733**	**368**	**8230**	**0**	**8230**				**8230**
	Oct 2014	512	566	35	600	0	600	3610.87	5079	12818	600
	Nov 2014	473	515	33	600	0	600	3609.78	5070	12708	600
	Dec 2014	363	488	26	800	0	800	3606.63	5045	12394	800

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January 2013 24-Month Study

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)
*	Jan 2012	852	55	37	713	11.6	9	712	976	1134.18	15022
H	Feb 2012	653	44	34	775	13.5	10	775	969	1133.06	14907
I	Mar 2012	600	43	38	986	16.0	16	985	945	1129.41	14535
S	Apr 2012	606	46	46	1170	19.7	20	1163	909	1123.93	13986
T	May 2012	601	16	52	1008	16.4	30	1007	880	1119.38	13541
O	Jun 2012	709	7	62	989	16.6	28	989	858	1115.84	13200
R	Jul 2012	886	69	77	841	13.7	29	819	858	1115.92	13207
I	Aug 2012	800	169	82	798	13.0	24	793	862	1116.56	13269
C	Sep 2012	481	97	67	635	10.7	18	634	854	1115.16	13135
	WY 2012	**9466**	**732**	**638**	**9421**		**226**	**9356**			
A	Oct 2012	498	53	49	346	5.6	20	331	862	1116.50	13263
L	Nov 2012	730	60	49	650	10.9	14	649	867	1117.24	13334
*	Dec 2012	801	50	43	476	7.7	11	432	886	1120.36	13636
	Jan 2013	800	78	35	617	10.0	15	617	899	1122.39	13835
	Feb 2013	600	98	32	663	11.9	17	663	898	1122.25	13821
	Mar 2013	600	78	36	967	15.7	21	967	877	1118.91	13496
	Apr 2013	550	76	44	1123	18.9	13	1123	843	1113.49	12975
	May 2013	600	64	50	1025	16.7	24	1025	817	1109.14	12567
	Jun 2013	800	33	59	944	15.9	22	944	805	1107.19	12387
	Jul 2013	801	54	73	930	15.1	28	930	794	1105.39	12222
	Aug 2013	850	103	78	859	14.0	23	859	794	1105.33	12216
	Sep 2013	600	74	64	686	11.5	18	686	788	1104.36	12128
	WY 2013	**8230**	**821**	**612**	**9285**		**227**	**9224**			
	Oct 2013	600	49	46	525	8.5	17	525	792	1105.00	12186
	Nov 2013	600	46	46	602	10.1	23	602	791	1104.73	12162
	Dec 2013	800	108	40	526	8.6	18	526	810	1108.04	12465
	Jan 2014	800	78	33	697	11.3	16	697	818	1109.38	12589
	Feb 2014	600	98	31	674	12.1	18	674	817	1109.14	12567
	Mar 2014	600	78	34	1015	16.5	21	1015	793	1105.13	12198
	Apr 2014	600	76	42	1104	18.6	14	1104	763	1100.10	11744
	May 2014	600	64	47	1001	16.3	24	1001	738	1095.78	11361
	Jun 2014	650	33	56	930	15.6	22	930	719	1092.30	11056
	Jul 2014	850	54	69	863	14.0	28	863	715	1091.69	11003
	Aug 2014	900	103	74	826	13.4	23	826	720	1092.55	11078
	Sep 2014	630	74	61	623	10.5	19	623	720	1092.57	11080
	WY 2014	**8230**	**861**	**580**	**9384**		**243**	**9384**			
	Oct 2014	600	49	44	452	7.4	17	452	728	1094.03	11208
	Nov 2014	600	46	45	590	9.9	23	590	728	1093.89	11196
	Dec 2014	800	108	39	484	7.9	18	484	750	1097.81	11540

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Managing Water in the West

January 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)
*	Jan 2012	713	-23	10	638	0	638	10.4	640.38	1628
H	Feb 2012	775	-18	10	726	0	726	12.6	641.20	1650
I	Mar 2012	986	-23	13	931	0	931	15.1	641.93	1670
S	Apr 2012	1170	-24	17	1091	0	1091	18.3	643.35	1708
T	May 2012	1008	-14	22	980	0	980	15.9	643.06	1700
O	Jun 2012	989	-19	25	952	0	952	16.0	642.80	1693
R	Jul 2012	841	-9	25	805	0	805	13.1	642.89	1696
I	Aug 2012	798	-11	23	744	0	744	12.1	643.63	1716
C	Sep 2012	635	-5	18	723	0	723	12.1	639.55	1605
	WY 2012	**9421**	**-177**	**197**	**9051**	**0**	**9051**			
A	Oct 2012	346	-3	14	556	0	556	9.0	630.75	1377
L	Nov 2012	650	-11	10	499	0	499	8.4	635.82	1507
*	Dec 2012	476	-6	9	395	0	395	6.4	638.30	1572
	Jan 2013	617	-13	10	508	0	508	8.3	641.50	1658
	Feb 2013	663	-6	10	634	0	634	11.4	642.00	1671
	Mar 2013	967	-14	13	911	0	911	14.8	643.05	1700
	Apr 2013	1123	-14	17	1094	0	1094	18.4	643.00	1699
	May 2013	1025	-14	22	989	0	989	16.1	643.00	1699
	Jun 2013	944	-10	25	936	0	936	15.7	642.00	1671
	Jul 2013	930	-4	25	913	0	913	14.9	641.50	1658
	Aug 2013	859	-7	23	829	0	829	13.5	641.50	1658
	Sep 2013	686	0	18	761	0	761	12.8	638.00	1564
	WY 2013	**9285**	**-105**	**196**	**9024**	**0**	**9024**			
	Oct 2013	525	0	15	640	0	640	10.4	633.00	1434
	Nov 2013	602	-15	10	525	0	525	8.8	635.00	1486
	Dec 2013	526	-19	9	401	0	401	6.5	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	**9384**	**-118**	**197**	**9070**	**0**	**9070**			
	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

* 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

January 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)
*	Jan 2012	638	11	6	382	6.2	54	187	446.61	554	131	2.1
H	Feb 2012	726	11	8	497	8.6	49	169	447.10	563	159	2.8
I	Mar 2012	931	8	9	711	11.6	21	187	447.23	565	187	3.0
S	Apr 2012	1091	24	11	785	13.2	97	180	449.13	602	183	3.1
T	May 2012	980	26	13	709	11.5	100	179	448.81	596	99	1.6
O	Jun 2012	952	10	15	719	12.1	97	130	448.23	584	103	1.7
R	Jul 2012	805	46	17	675	11.0	101	34	448.91	598	124	2.0
I	Aug 2012	744	26	17	568	9.2	100	85	448.38	587	97	1.6
C	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**	
A	Oct 2012	556	34	12	482	7.8	14	32	449.31	606	70	1.1
L	Nov 2012	499	27	9	348	5.9	14	174	448.06	581	88	1.5
*	Dec 2012	395	21	7	289	4.7	15	132	446.41	550	131	2.2
	Jan 2013	508	15	6	354	5.7	62	86	447.00	561	130	2.1
	Feb 2013	634	7	8	462	8.3	9	155	447.00	561	158	2.9
	Mar 2013	911	18	9	682	11.1	52	183	446.70	555	187	3.0
	Apr 2013	1094	19	11	786	13.2	92	177	448.70	593	205	3.5
	May 2013	989	18	13	703	11.4	95	184	448.70	593	112	1.8
	Jun 2013	936	15	16	698	11.7	92	131	448.70	593	114	1.9
	Jul 2013	913	21	17	732	11.9	95	91	448.00	580	115	1.9
	Aug 2013	829	22	17	644	10.5	98	89	447.50	571	105	1.7
	Sep 2013	761	20	15	556	9.3	92	122	446.81	557	102	1.7
	WY 2013	**9024**	**238**	**140**	**6736**		**731**	**1556**			**1516**	
	Oct 2013	640	23	12	448	7.3	66	139	446.31	548	64	1.0
	Nov 2013	525	32	8	374	6.3	65	100	446.50	552	102	1.7
	Dec 2013	401	26	6	275	4.5	67	74	446.50	552	106	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	**9070**	**237**	**139**	**6627**		**954**	**1481**			**1503**	
	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

* 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

January 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
*	Jan 2012	713	11.6	1134.18	15022	139	485.97	1146.0	308.0	61	432.1
H	Feb 2012	775	13.5	1133.06	14907	-115	484.32	1282.0	338.6	68	436.7
I	Mar 2012	986	16.0	1129.41	14535	-372	481.45	1047.0	427.4	56	433.4
S	Apr 2012	1170	19.7	1123.93	13986	-548	475.07	1164.0	505.3	62	432.0
T	May 2012	1008	16.4	1119.38	13541	-445	471.90	1050.0	429.0	56	425.4
O	Jun 2012	989	16.6	1115.84	13200	-341	470.21	1829.0	414.2	100	418.8
R	Jul 2012	841	13.7	1115.92	13207	8	471.23	1374.0	349.7	76	415.6
I	Aug 2012	798	13.0	1116.56	13269	61	471.53	1809.0	331.4	100	415.2
C	Sep 2012	635	10.7	1115.16	13135	-134	473.98	1809.0	261.9	100	412.2
	WY 2012	**9421**							**3985.6**		
A	Oct 2012	346	5.6	1116.50	13263	128	476.50	1051.0	141.3	58	409.0
L	Nov 2012	650	10.9	1117.24	13334	71	473.22	1051.0	276.3	58	424.7
*	Dec 2012	476	7.7	1120.36	13636	302	475.06	1520.0	198.5	84	417.3
	Jan 2013	617	10.0	1122.39	13835	198	474.18	1062.0	261.3	59	423.7
	Feb 2013	663	11.9	1122.25	13821	-14	473.92	1077.0	284.5	59	429.1
	Mar 2013	967	15.7	1118.91	13496	-325	470.23	1304.0	415.4	72	429.6
	Apr 2013	1123	18.9	1113.49	12975	-521	466.94	1055.0	494.6	59	440.6
	May 2013	1025	16.7	1109.14	12567	-408	461.86	1078.0	437.3	61	426.5
	Jun 2013	944	15.9	1107.19	12387	-180	454.79	1756.0	387.2	100	410.1
	Jul 2013	930	15.1	1105.39	12222	-165	453.42	1747.0	377.7	100	406.3
	Aug 2013	859	14.0	1105.33	12216	-6	452.66	1748.0	352.5	100	410.5
	Sep 2013	686	11.5	1104.36	12128	-88	453.29	1744.0	275.2	100	401.2
	WY 2013	**9285**							**3901.8**		
	Oct 2013	525	8.5	1105.00	12186	58	457.59	1374.0	207.9	79	396.4
	Nov 2013	602	10.1	1104.73	12162	-24	459.32	1386.0	245.6	79	408.0
	Dec 2013	526	8.6	1108.04	12465	303	459.00	1394.0	209.3	79	397.5
	Jan 2014	697	11.3	1109.38	12589	124	460.18	1226.0	286.8	69	411.5
	Feb 2014	674	12.1	1109.14	12567	-22	458.41	1435.0	276.9	81	411.1
	Mar 2014	1015	16.5	1105.13	12198	-369	455.26	1516.0	414.6	87	408.6
	Apr 2014	1104	18.6	1100.10	11744	-454	450.94	1401.0	456.9	82	413.8
	May 2014	1001	16.3	1095.78	11361	-383	444.31	1694.0	395.6	100	395.3
	Jun 2014	930	15.6	1092.30	11056	-305	440.77	1694.0	369.6	100	397.5
	Jul 2014	863	14.0	1091.69	11003	-53	439.23	1694.0	344.7	100	399.4
	Aug 2014	826	13.4	1092.55	11078	75	439.51	1694.0	328.6	100	397.7
	Sep 2014	623	10.5	1092.57	11080	2	441.09	1694.0	244.7	100	393.0
	WY 2014	**9384**							**3781.1**		
	Oct 2014	452	7.4	1094.03	11208	127	446.27	1330.8	178.0	79	393.6
	Nov 2014	590	9.9	1093.89	11196	-12	448.47	1344.7	235.3	79	398.7
	Dec 2014	484	7.9	1097.81	11540	344	448.52	1338.7	192.9	79	398.6

* 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

January 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
*	Jan 2012	638	10.4	640.38	1628	42	138.75	170.9	77.2	67	121.0
H	Feb 2012	726	12.6	641.20	1650	22	140.80	163.2	90.8	64	125.1
I	Mar 2012	931	15.1	641.93	1670	20	140.23	204.0	117.4	80	126.2
S	Apr 2012	1091	18.3	643.35	1708	39	142.08	249.9	147.4	98	135.2
T	May 2012	980	15.9	643.06	1700	-8	141.39	252.5	128.9	99	131.5
O	Jun 2012	952	16.0	642.80	1693	-7	140.12	255.0	122.6	100	128.8
R	Jul 2012	805	13.1	642.89	1696	2	143.36	255.0	100.7	100	125.1
I	Aug 2012	744	12.1	643.63	1716	20	142.43	252.5	92.5	99	124.3
C	Sep 2012	723	12.1	639.55	1605	-111	137.86	255.0	96.5	100	133.5
	WY 2012	**9051**							**1153.5**		
A	Oct 2012	556	9.0	630.75	1377	-228	130.98	206.6	68.5	81	123.3
L	Nov 2012	499	8.4	635.82	1507	130	136.16	168.3	67.9	66	136.0
*	Dec 2012	395	6.4	638.30	1572	65	134.78	183.6	44.1	72	111.7
	Jan 2013	508	8.3	641.50	1658	86	135.60	163.2	63.4	64	124.9
	Feb 2013	634	11.4	642.00	1671	14	137.63	158.1	79.4	62	125.3
	Mar 2013	911	14.8	643.05	1700	29	136.52	219.3	113.7	86	124.9
	Apr 2013	1094	18.4	643.00	1699	-2	136.07	255.0	136.0	100	124.3
	May 2013	989	16.1	643.00	1699	0	136.04	255.0	123.6	100	124.9
	Jun 2013	936	15.7	642.00	1671	-27	135.51	255.0	116.6	100	124.6
	Jul 2013	913	14.9	641.50	1658	-14	134.73	255.0	113.4	100	124.2
	Aug 2013	829	13.5	641.50	1658	0	134.46	255.0	103.1	100	124.4
	Sep 2013	761	12.8	638.00	1564	-94	132.62	255.0	93.7	100	123.1
	WY 2013	**9024**							**1123.5**		
	Oct 2013	640	10.4	633.00	1434	-130	129.33	214.2	76.9	84	120.1
	Nov 2013	525	8.8	635.00	1486	51	127.83	211.7	62.7	83	119.3
	Dec 2013	401	6.5	638.71	1583	97	130.91	209.1	49.2	82	122.8
	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	**9070**							**1123.6**		
	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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

January 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
*	Jan 2012	382	6.2	446.61	554	17	80.68	67.2	25.6	56	67.1
H	Feb 2012	497	8.6	447.10	563	9	80.85	94.8	35.1	79	70.7
I	Mar 2012	711	11.6	447.23	565	2	81.75	97.2	48.8	81	68.6
S	Apr 2012	785	13.2	449.13	602	36	83.37	120.0	54.1	100	69.0
T	May 2012	709	11.5	448.81	596	-6	81.37	111.6	49.6	93	69.9
O	Jun 2012	719	12.1	448.23	584	-11	79.00	120.0	49.7	100	69.1
R	Jul 2012	675	11.0	448.91	598	13	82.94	120.0	46.8	100	69.4
I	Aug 2012	568	9.2	448.38	587	-10	80.54	120.0	39.3	100	69.2
C	Sep 2012	548	9.2	446.98	561	-26	81.05	120.0	37.8	100	69.0
	WY 2012	**6652**							**458.2**		
A	Oct 2012	482	7.8	449.31	606	44	83.52	96.0	33.3	80	69.0
L	Nov 2012	348	5.9	448.06	581	-24	82.22	92.4	24.1	77	69.2
*	Dec 2012	289	4.7	446.41	550	-31	80.98	103.2	19.5	86	67.5
	Jan 2013	354	5.7	447.00	561	11	74.91	102.0	22.6	85	63.9
	Feb 2013	462	8.3	447.00	561	0	74.40	120.0	29.8	100	64.6
	Mar 2013	682	11.1	446.70	555	-6	74.26	120.0	44.4	100	65.1
	Apr 2013	786	13.2	448.70	593	38	75.08	120.0	51.9	100	66.0
	May 2013	703	11.4	448.70	593	0	76.05	120.0	46.8	100	66.5
	Jun 2013	698	11.7	448.70	593	0	76.05	120.0	46.4	100	66.5
	Jul 2013	732	11.9	448.00	580	-13	75.71	120.0	48.5	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	**6736**							**445.6**		
	Oct 2013	448	7.3	446.31	548	-9	74.77	102.0	28.9	85	64.6
	Nov 2013	374	6.3	446.50	552	3	74.62	102.0	23.9	85	64.0
	Dec 2013	275	4.5	446.50	552	0	74.71	102.0	17.2	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	**6627**							**432.7**		
	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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

January 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
*	Jan 2012	388	58	15	18	10	5
H	Feb 2012	295	54	9	12	2	4
I	Mar 2012	275	62	9	12	6	4
	Winter 2012	**2475**	**300**	**97**	**117**	**61**	**26**
S	Apr 2012	276	47	16	22	14	4
T	May 2012	276	61	19	28	17	4
O	Jun 2012	324	34	26	33	19	7
R	Jul 2012	398	33	24	31	18	6
I	Aug 2012	360	31	21	28	16	6
C	Sep 2012	214	27	17	25	12	4
	Summer 2012	**1849**	**232**	**123**	**168**	**94**	**31**
A	Oct 2012	221	20	8	13	6	2
*	Dec 2012	346	27	4	6	2	4
	Jan 2013	320	27	6	6	3	4
	Feb 2013	238	24	3	5	3	3
	Mar 2013	237	18	5	7	4	4
	Winter 2013	**1361**	**115**	**26**	**38**	**18**	**17**
	Apr 2013	216	17	9	14	8	4
	May 2013	237	35	17	27	16	7
	Jun 2013	320	55	16	24	14	9
	Jul 2013	321	27	26	34	17	8
	Aug 2013	338	27	27	35	18	8
	Sep 2013	237	26	21	28	14	6
	Summer 2013	**1669**	**187**	**115**	**163**	**87**	**41**
	Oct 2013	236	27	12	16	9	6
	Nov 2013	235	26	4	5	3	6
	Dec 2013	311	27	4	6	4	6
	Jan 2014	309	27	7	9	5	5
	Feb 2014	230	24	6	8	5	4
	Mar 2014	229	27	7	11	6	4
	Winter 2014	**1551**	**157**	**38**	**56**	**32**	**32**
	Apr 2014	230	26	10	17	10	5
	May 2014	234	44	34	52	23	6
	Jun 2014	261	82	11	20	16	8
	Jul 2014	346	37	25	31	18	10
	Aug 2014	365	37	37	44	23	7
	Sep 2014	254	36	32	38	19	6
	Summer 2014	**1689**	**263**	**148**	**203**	**109**	**43**
	Oct 2014	242	37	17	22	12	6
	Nov 2014	241	36	9	11	6	6
	Dec 2014	320	37	23	29	15	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

January 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****										
Jan 2013	895	502	739	11615	13751	13741	27492	895	502	739	2136	11615	13741	27492	5350	617	0	32.9
Jan 2013	895	502	739	11615	13751	13741	27492	329	145	260	735	11615	13741	26108	5350	617	0	32.9
Feb 2013	942	506	754	12097	14300	13542	27841	375	151	274	801	12097	13542	26457	1500	663	0	32.5
Mar 2013	979	503	769	12387	14637	13556	28190	410	150	289	849	12387	13556	26806	1500	967	0	32.1
Apr 2013	951	496	765	12610	14822	13881	28698	376	145	282	803	12610	13881	27307	1500	1123	0	31.6
May 2013	895	481	739	12649	14764	14402	29159	314	128	237	679	12649	14402	27740	1500	1025	0	31.9
Jun 2013	826	432	661	12156	14074	14810	28874	234	68	123	426	12156	14810	27399	1500	944	0	32.5
Jul 2013	690	349	621	11643	13302	14990	28278	86	-29	32	89	11643	14990	26725	1500	930	0	32.1
								****CREDITABLE SPACE****										
Aug 2013	621	371	646	11850	13487	15155	28626	621	371	646	1637	11850	15155	28626	1500	859	0	31.6
Sep 2013	641	419	681	12262	14003	15161	29145	641	419	681	1741	12262	15161	29145	2270	686	0	31.1
Oct 2013	680	455	697	12492	14323	15249	29549	680	455	697	1831	12492	15249	29549	3040	525	0	30.8
Nov 2013	710	461	695	12660	14526	15191	29686	710	461	695	1866	12660	15191	29686	3810	602	0	30.6
Dec 2013	737	446	696	12845	14723	15215	29900	737	446	696	1879	12845	15215	29900	4580	526	0	30.6
Jan 2014	778	434	705	13245	15162	14912	30034	778	434	705	1917	13245	14912	30034	5350	697	0	30.4
								****EFFECTIVE SPACE****										
Jan 2014	778	434	705	13245	15162	14912	30034	434	417	485	1336	13245	14912	29428	5350	697	0	30.4
Feb 2014	814	433	717	13622	15586	14788	30332	467	417	496	1380	13622	14788	29723	1500	674	0	30.1
Mar 2014	839	431	717	13806	15794	14810	30560	489	416	495	1400	13806	14810	29948	1500	1015	0	29.9
Apr 2014	816	421	663	13852	15752	15179	30887	461	405	438	1304	13852	15179	30266	1500	1104	0	29.8
May 2014	761	385	568	13655	15369	15633	30958	399	364	323	1086	13655	15633	30305	1500	1001	0	31.0
Jun 2014	648	303	436	12430	13818	16016	29798	275	261	156	691	12430	16016	29077	1500	930	0	32.5
Jul 2014	495	103	384	11020	12002	16321	28311	109	36	51	195	11020	16321	27499	1500	863	0	32.6
								****CREDITABLE SPACE****										
Aug 2014	405	71	391	10968	11835	16374	28197	405	71	391	867	10968	16374	28197	1500	826	0	32.2
Sep 2014	432	121	406	11298	12257	16299	28544	432	121	406	958	11298	16299	28544	2270	623	0	31.8
Oct 2014	486	179	406	11440	12512	16297	28797	486	179	406	1072	11440	16297	28797	3040	452	0	31.7
Nov 2014	536	196	397	11504	12634	16169	28789	536	196	397	1130	11504	16169	28789	3810	590	0	31.6
Dec 2014	586	195	397	11614	12793	16181	28957	586	195	397	1178	11614	16181	28957	4580	484	0	31.6

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