February 24-Month Study
Date: February 9, 2012

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 7 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	35,000	106	6484.56	193,000
Flaming Gorge	45,000	112	6030.91	3,384,000
Blue Mesa	22,000	92	7487.17	560,000
Navajo	18,200	83	6056.64	1,306,000
Powell	356,000	99	3638.50	15,827,000

Expected Operations

The operation of Lake Powell and Lake Mead in this February 2012 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 2012 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2011 24-Month Study projections of the January 1, 2012 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2012.

Consistent with Section 6.A of the Interim Guidelines, the Lake Powell operational tier for water year 2012 is the Equalization Tier. The February 2012 24-Month Study projects the water year release volume from Lake Powell for 2012 to be 9.46 maf.

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 2012.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2012 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/aop/AOP12.pdf.

Fontenelle Reservoir – Inflows for the month of January were 32 kaf, or 106% of average. The reservoir elevation is 6478 feet above sea level and 45% of capacity. Current inflows are approximately 500 cfs and reservoir releases are 1,200 cfs. Releases will likely be close to 1,200 cfs through the remainder of the winter and the reservoir elevation will continue to decline until spring runoff begins. Current snowpack above Fontenelle Reservoir is 94% of average.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the coordinated forecast for the April to July 2012 runoff season. Inflows forecasted to be 685 kaf, or 94% of average, however it is still early in the snow accumulation season. Inflows over the next three months are forecasted by the River Forecast Center to be: 30,000 acre-ft (107%), 45,000 acre-ft (85%) and 80,000 acre-ft (94%) for February, March, and April respectively.

The next Fontenelle Working Group meeting is scheduled for April 26, 2012 at 10:00 am at the Seedskadee National Wildlife Refuge visitor's center. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of January was 45 thousand acre-feet (kaf), or 112 percent of 1981-2010 average inflow. The Flaming Gorge Reservoir is releasing at an average daily release rate of 2,400 cfs/day and is expected to remain at 2,400 cfs/day over the coming months in order to observe the hydrology and snowpack accumulation development through spring. Flaming Gorge reservoir elevation is decreasing and expected to continue decreasing through the winter to meet the May 1 target elevation of 6027 feet.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the joint water supply forecast for the April-July runoff season. The February forecast for April-July unregulated inflow volume is 880 kaf (90 percent of average), which is an increase of 12 percent from the previous forecast. This volume corresponds with the average classification within the 2006 Record of Decision. The unregulated inflow volumes and percent of average for February, March and April are forecasted to be 45 kaf (108%), 82 kaf (80%), and 130 kaf (97%), respectively.

The next Flaming Gorge Working Group meeting is scheduled for April 18, 2012, at 1:00 p.m. at the Western Park Convention Center, 302 East 200 South, Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Heather Hermansen at 801-524-3883 or Ed Vidmar at 801-379-1182.

Aspinall Reservoirs – January unregulated inflow into Blue Mesa Reservoir was 22,000 acre-feet or 90 percent of average. On February 8th the basin snowpack was averaging 71 percent, which has increased a little better than 10 percent from a month ago. Precipitation during January was about 92 percent of average, while December's precipitation was recorded at 49 percent of average. The current inflow rate into Blue Mesa Reservoir is about 350 cfs while reservoir releases are averaging about 700 cfs. This past fall and early winter months has seen just below average reservoir inflows. Blue Mesa Reservoir current elevation is 7484.70 feet, which corresponds to a storage content of about 541,000 acre-feet. This elevation is about 2.0 feet lower than last year's elevation.

The Colorado Basin River Forecast Center's February water supply forecast for Blue Mesa for the April to July runoff season is 450,000 acre-feet (67% of average) which is the same as last month's forecast. Based on this forecast, Blue Mesa Reservoir is not projected to fill this runoff season.

Releases from Crystal have recently been reduced to 600 cfs. Since the Gunnison Diversion Tunnel is off for the season, the river flow downstream in the Black Canyon of the Gunnison is the same as Crystal's release.

The last meeting of the "Aspinall Unit Working Group" was held on January 19, 2012 in Montrose, Colorado. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2012 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 - Reclamation increased the release from Navajo Reservoir to 500 cfs on December 1, 2011. The temporary lower release of 350 cfs was in collaboration with New Mexico Department of Game & Fish's fish habitat project, just below the dam. That project is now complete and releases have returned to 500 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 current San Juan River basin snowpack is 78% of average snow water equivalent (SWE). For the Animas River Basin it is 76%. Pending significant changes in the weather and stream flow conditions, the reservoir release will likely remain at 500 cfs through this spring (2012).

Precipitation for the month of January in the San Juan River basin was about 66% of average, while December's was 79% of average. Unregulated inflow into Navajo Reservoir during the month of January was 18,200 acre-feet, or 83 percent of average. Currently, the daily reservoir inflow is averaging about 300 cfs. Diversions for

NIIP have currently been shut down for the winter. The reservoir water surface elevation is at 6055.67 feet, which corresponds to a storage content of about 1,294,000 acre-feet.

A public meeting on Navajo Reservoir operations was held on Tuesday, January 24, 2012 in Farmington, New Mexico. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and spring 2012 operations were discussed. These 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 Pat Page in Reclamation's Durango, Colorado Office at (970) 385-6560 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell – In January 2012 the unregulated inflow volume to Lake Powell was 356 kaf (99% of average). This volume is very close to the final forecast for January issued by the Colorado Basin River Forecast Center on January 5th which was 375 kaf. The elevation of Lake Powell on January 31st, 2012 was 3636.90 feet above sea level (63.10 feet below full pool). During January, the elevation of Lake Powell decreased by 3.52 feet and it is likely that the elevation will continue to decrease near this rate for approximately 2 more months. By late March or early April, when the snowpack begins to melt, inflows will likely increase to a point where they are greater than releases and the elevation will begin to rise. Snowpack conditions above Lake Powell are 77% of average as of February 8, 2012.

The current Water Supply forecast (April through July Unregulated Inflow Volume) for Lake Powell for 2012 is 5.05 maf which is 71% of average. Based on this inflow forecast, it is currently projected that the most probable annual release from Glen Canyon Dam in water year 2012 will be 9.46 maf. At this time of year however, there is a high level of uncertainty in hydrologic forecasts and the annual release volume from Glen Canyon Dam in WY2012 will ultimately be based on the actual inflows that occur during 2012 rather than this Water Supply forecast.

Current Dam Operations

In August 2011, pursuant to the Interim Guidelines, the Operating Tier for Glen Canyon Dam was established to be the Equalization Tier. Under the Equalization Tier for 2012, with 1.233 maf of release carried over from 2011 to 2012, the annual release volume for 2012 could be as low as 9.46 maf or higher depending on actual inflow conditions. 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 2012 to achieve Equalization objectives as practicably as possible by September 30, 2012.

Releases from Glen Canyon Dam are currently averaging about 12,500 cfs with fluctuations for power generation throughout the day that peak near 13,000 cfs in the afternoons and with early morning low level releases are about 7,000 cfs. This operation

is consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The release volume for February is scheduled to be 650 kaf. In March, the monthly release volume will likely be 600 kaf and fluctuating releases from Glen Canyon Dam will likely average about 10,100 cfs each day with scheduled daily fluctuations occurring within the range from 7,000 cfs to 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 1100 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). There are many generators that supply electricity to the transmission system within the balancing area. At times, a participating generator may experience operating conditions such that it cannot make its scheduled delivery of electricity to the system (i.e. unscheduled outage). To provide system reliability, all participating electricity generators within the balancing area maintain a specified level of generation capacity (i.e. reserves) that can be called upon when an unscheduled outage occurs. Glen Canyon Dam typically maintains 113 MW of reserves for this purpose.

Reserve agreements allow the controllers of the balancing area to call upon Glen Canyon Dam to produce up to an additional 113 MW of electricity beyond what is originally scheduled for a given hour. Reserve calls can be maintained for a maximum of 2 hours after which time the generation rate should be returned to the original schedule. The 113 MW reserve requirement for Glen Canyon Dam translates to approximately 2,800 cfs of flow in the river. When the balancing area controllers call for reserve generation from Glen Canyon Dam, releases from the dam can exceed scheduled levels and have a noticeable impact on the river downstream from Glen Canyon Dam. But these calls for reserves are fairly infrequent and typically are for much less than the required level of 113 MW.

Current Inflow Forecasts and Model Projections

Over the next three months (February, March and April) the forecasted unregulated inflow volume to Lake Powell is projected to be 390 kaf (99% of average), 550 kaf (83% of average) and 800 kaf (76% of average), respectively. These percent of averages are all based on the historic period from 1981 through 2010. Combining this forecast with the February Water Supply Forecast and extending projections to the end of WY2012, the most probable (i.e. 50% likely to be exceeded) unregulated inflow volume for WY2012 is projected to be 8.48 maf (78% of average). There is significant uncertainty associated with this forecast. Recent analysis indicates that it is reasonably possible for the actual

unregulated inflow volume to be as low as 5.48 maf (51% of average) or as high as 12.65 maf (117% of average) depending on the range of precipitation patterns that could occur over the next several months.

Based on the reasonable range inflow conditions that could occur this year, the annual release volume from Glen Canyon Dam could be as low as 9.46 maf to as high as 12.92 maf. Under the most probable inflow condition, the annual release volume is projected to be 9.46 maf and the elevation of Lake Powell at the end of WY2012 is projected to be 3643.2 feet above sea level. This elevation corresponds to a live storage volume of 16.38 maf (67% of full capacity).

Upper Colorado River Basin Hydrology

Since water year 2005, hydrologic conditions in the Upper Colorado River Basin have been near average with significant variability from year to year. The unregulated inflow to Lake Powell, which is a good measure of the hydrologic condition in the Colorado River Basin, has averaged 10.98 maf (101% of average (period 1981-2010)) per year during the period from 2005 through 2011. The hydrologic variability during this period has been from a low water year unregulated inflow of 8.62 maf (80% of average) in water year 2006 to a high of 15.97 maf (147% of average) which occurred in water year 2011.

Overall reservoir storage in the Colorado River Basin has increased by nearly 10 maf since the beginning of water year 2005 and this is a significant improvement over the drought conditions during water years 2000 through 2004. On October 1, 2004, the beginning of water year 2005, the total reservoir storage in the Colorado River Basin was 29.84 maf (50.2% of capacity). As of January 30, 2012 the total reservoir storage in the Colorado River Basin was 38.35 maf (64.3% of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
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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	513	509	359	356	99%:	390/	550/	800/	5050/: 71%
GBRW4:Fontenelle	50	46	35	32	106%:	30/	45/	80/	685/: 94%
GRNU1:Flaming Gorge	74	64	38	45	112%:	48/	82/	130/	880/: 90%
BMDC2:Blue Mesa	36	29	24	22	90%:	20/	30/	64/	450/: 67%
MPSC2:Morrow Point	37	30	25	23	87%:	22/	33/	73/	500/: 68%
CLSC2:Crystal	41	34	28	27	86%:	26/	39/	84/	555/: 66%
TPIC2:Taylor Park	7.3	5.2	4.1	3.6	84%:	3.3/	3.6/	7/	76/: 77%
VCRC2:Vallecito	14.8	8.6	5.3	4.7	87%:	4.2/	7/	21/	180/: 93%
NVRN5:Navajo	54	31	19.0	18.2	83%:	22/	57/	127/	630/: 86%
LEMC2:Lemon	2.8	1.49	1.00	0.78	89%:	0.75/	1.4/	5/	47/: 85%
MPHC2:McPhee	8.0	4.9	2.8	3.0	66%:	3.3/	11/	50/	225/: 76%
RBSC2:Ridgway	7.9	5.7	4.1	3.9	98%:	3.7/	5.3/	8.4/	80/: 79%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2012 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 2011	26	1	50	0	50	6478.35	158
H	Mar 2011	36	1	58	0	58	6473.74	136
I	Apr 2011	92	1	84	15	100	6471.99	128
S	May 2011	161	1	89	79	168	6470.20	120
T	Jun 2011	429	1	87	283	370	6481.96	178
O	Jul 2011	539	2	110	313	424	6498.87	290
R	Aug 2011	118	2	88	1	89	6502.38	317
I	Sep 2011	49	2	66	0	66	6499.90	298
	WY 2011	**1581**	**14**	**801**	**747**	**1549**		
C	Oct 2011	50	1	56	18	74	6496.55	273
A	Nov 2011	46	1	22	49	71	6492.84	247
L	Dec 2011	35	1	74	0	74	6486.86	207
*	Jan 2012	32	1	74	0	74	6479.61	165
	Feb 2012	30	0	67	0	67	6471.94	128
	Mar 2012	45	0	74	0	74	6464.81	98
	Apr 2012	80	1	71	0	71	6466.89	106
	May 2012	144	1	88	0	88	6478.96	161
	Jun 2012	295	2	102	53	155	6500.03	299
	Jul 2012	166	3	101	19	120	6505.59	342
	Aug 2012	73	2	85	0	85	6503.81	328
	Sep 2012	45	2	70	0	70	6500.38	302
	WY 2012	**1041**	**15**	**883**	**140**	**1022**		
	Oct 2012	49	1	71	0	71	6497.16	278
	Nov 2012	42	1	69	0	69	6493.28	250
	Dec 2012	32	1	71	0	71	6487.26	210
	Jan 2013	30	1	71	0	71	6480.33	169
	Feb 2013	28	0	64	0	64	6472.80	131
	Mar 2013	53	0	71	0	71	6468.34	112
	Apr 2013	85	1	83	0	83	6468.84	114
	May 2013	164	1	98	5	104	6481.16	173
	Jun 2013	299	2	102	69	171	6500.01	299
	Jul 2013	178	3	101	29	130	6505.76	344
	Aug 2013	77	2	94	0	94	6503.26	324
	Sep 2013	46	2	69	0	69	6500.02	299
	WY 2013	**1082**	**15**	**966**	**104**	**1069**		
	Oct 2013	49	1	71	0	71	6496.86	276
	Nov 2013	42	1	68	0	68	6493.05	249
	Dec 2013	32	1	71	0	71	6487.11	209
	Jan 2014	30	1	71	0	71	6480.17	168

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

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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 2011	36	60	2	67	0	67	125	6023.47	3104	105
H	Mar 2011	98	120	3	59	0	59	127	6024.99	3160	178
I	Apr 2011	159	166	5	172	0	172	127	6024.71	3150	480
S	May 2011	327	334	8	279	47	326	127	6024.73	3150	1110
T	Jun 2011	667	608	10	254	173	427	133	6029.11	3315	1570
O	Jul 2011	771	656	14	263	94	357	144	6036.07	3590	905
R	Aug 2011	144	115	13	148	0	148	142	6034.95	3544	246
I	Sep 2011	58	76	11	144	0	144	139	6033.03	3467	200
	WY 2011	**2414**	**2381**	**80**	**1661**	**314**	**1975**				**5234**
C	Oct 2011	74	97	7	120	0	121	138	6032.27	3437	187
A	Nov 2011	64	89	4	88	0	88	138	6032.21	3435	144
L	Dec 2011	38	77	2	108	0	108	137	6031.41	3404	146
*	Jan 2012	45	87	2	148	0	148	134	6029.85	3343	186
	Feb 2012	48	85	2	138	0	138	132	6028.45	3290	138
	Mar 2012	82	111	3	148	0	148	131	6027.44	3251	148
	Apr 2012	130	121	5	143	0	143	130	6026.77	3226	143
	May 2012	205	149	8	181	0	181	128	6025.76	3189	181
	Jun 2012	355	215	10	199	0	199	128	6025.92	3194	199
	Jul 2012	190	144	13	89	0	89	130	6026.99	3234	89
	Aug 2012	83	95	12	89	0	89	130	6026.81	3228	89
	Sep 2012	53	78	11	86	0	86	129	6026.32	3209	86
	WY 2012	**1367**	**1348**	**80**	**1536**	**1**	**1537**				**1736**
	Oct 2012	59	82	7	89	0	89	129	6025.94	3195	89
	Nov 2012	51	78	3	86	0	86	128	6025.64	3184	86
	Dec 2012	35	74	2	89	0	89	127	6025.21	3168	89
	Jan 2013	40	81	2	89	0	89	127	6024.96	3159	89
	Feb 2013	45	81	2	81	0	81	127	6024.93	3158	81
	Mar 2013	102	121	3	89	0	89	128	6025.68	3185	89
	Apr 2013	134	131	5	86	0	86	130	6026.70	3224	86
	May 2013	245	185	8	126	0	126	132	6028.00	3273	126
	Jun 2013	390	262	10	230	0	230	132	6028.55	3294	230
	Jul 2013	210	163	14	101	0	101	134	6029.75	3339	101
	Aug 2013	89	106	13	101	0	101	134	6029.55	3332	101
	Sep 2013	55	78	11	98	0	98	133	6028.76	3302	98
	WY 2013	**1455**	**1442**	**80**	**1267**	**0**	**1267**				**1267**
	Oct 2013	59	81	7	101	0	101	132	6028.07	3275	101
	Nov 2013	51	77	3	98	0	98	131	6027.45	3252	98
	Dec 2013	35	74	2	101	0	101	130	6026.69	3223	101
	Jan 2014	40	81	2	101	0	101	129	6026.13	3202	101

* 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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February 2012 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 2011	4	4	9312.51	74
H	Mar 2011	5	6	9311.89	73
I	Apr 2011	7	8	9311.44	72
S	May 2011	22	33	9304.21	61
T	Jun 2011	65	28	9326.09	98
O	Jul 2011	37	39	9325.07	96
R	Aug 2011	12	24	9318.44	84
I	Sep 2011	7	20	9310.68	71
	WY 2011	**179**	**181**		
C	Oct 2011	7	9	9309.52	69
A	Nov 2011	5	6	9309.15	69
L	Dec 2011	4	6	9307.93	67
*	Jan 2012	4	5	9307.37	66
	Feb 2012	3	6	9305.58	63
	Mar 2012	4	6	9303.95	61
	Apr 2012	7	6	9304.63	62
	May 2012	24	12	9312.35	74
	Jun 2012	32	20	9319.31	86
	Jul 2012	13	20	9315.33	79
	Aug 2012	8	20	9307.87	67
	Sep 2012	7	16	9301.39	57
	WY 2012	**118**	**132**		
	Oct 2012	7	10	9298.94	54
	Nov 2012	5	6	9298.27	53
	Dec 2012	5	6	9297.25	52
	Jan 2013	4	6	9295.96	50
	Feb 2013	4	6	9294.35	48
	Mar 2013	4	6	9293.05	46
	Apr 2013	9	6	9295.33	49
	May 2013	28	12	9307.08	65
	Jun 2013	42	20	9320.07	87
	Jul 2013	20	20	9320.15	87
	Aug 2013	10	20	9314.64	78
	Sep 2013	7	16	9309.36	69
	WY 2013	**146**	**134**		
	Oct 2013	7	10	9307.20	66
	Nov 2013	5	6	9306.62	65
	Dec 2013	5	6	9305.74	63
	Jan 2014	4	6	9304.62	62

* 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 2011	21	21	0	43	0	43	7483.46	532
H	Mar 2011	38	39	0	75	0	75	7478.48	495
I	Apr 2011	77	78	1	95	0	95	7475.97	477
S	May 2011	168	179	1	162	0	162	7478.26	493
T	Jun 2011	425	389	1	127	19	146	7508.73	735
O	Jul 2011	222	222	2	150	0	150	7516.80	806
R	Aug 2011	67	79	1	123	0	123	7511.67	760
I	Sep 2011	35	48	1	108	0	108	7504.54	699
	WY 2011	**1162**	**1163**	**8**	**1046**	**19**	**1065**		
C	Oct 2011	36	38	1	93	0	93	7497.84	644
A	Nov 2011	29	29	0	37	0	37	7496.82	635
L	Dec 2011	24	26	0	87	0	87	7489.07	574
*	Jan 2012	22	23	0	52	0	52	7485.29	545
	Feb 2012	20	23	0	29	0	29	7484.43	539
	Mar 2012	30	32	0	33	0	33	7484.29	538
	Apr 2012	64	63	1	46	0	46	7486.45	554
	May 2012	147	135	1	72	0	72	7494.40	616
	Jun 2012	176	164	1	63	0	63	7506.48	716
	Jul 2012	63	70	1	99	0	99	7502.87	685
	Aug 2012	44	56	1	98	0	98	7497.64	642
	Sep 2012	32	42	1	79	0	79	7492.87	604
	WY 2012	**687**	**701**	**8**	**788**	**0**	**788**		
	Oct 2012	38	42	1	52	0	52	7491.48	593
	Nov 2012	31	32	0	29	0	29	7491.84	596
	Dec 2012	26	27	0	41	0	41	7490.00	581
	Jan 2013	24	26	0	61	0	61	7485.41	546
	Feb 2013	22	24	0	55	0	55	7481.27	515
	Mar 2013	36	38	0	44	0	44	7480.34	508
	Apr 2013	77	74	1	48	0	48	7483.81	534
	May 2013	221	205	1	103	0	103	7496.75	635
	Jun 2013	261	239	1	74	0	74	7515.99	799
	Jul 2013	117	117	2	111	0	111	7516.40	802
	Aug 2013	63	73	1	122	0	122	7510.76	752
	Sep 2013	38	47	1	113	0	113	7502.87	685
	WY 2013	**955**	**943**	**9**	**854**	**0**	**854**		
	Oct 2013	38	42	1	70	0	70	7499.37	656
	Nov 2013	31	32	0	40	0	40	7498.36	648
	Dec 2013	26	27	0	93	0	93	7490.00	581
	Jan 2014	24	26	0	61	0	61	7485.40	546

* 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 2012 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 2011	21	43	0	43	44	0	44	7152.08	111
H	Mar 2011	38	75	1	75	73	0	73	7154.37	113
I	Apr 2011	84	95	7	102	104	0	104	7152.20	111
S	May 2011	191	162	23	185	181	0	181	7156.18	114
T	Jun 2011	455	146	30	176	170	0	176	7155.72	114
O	Jul 2011	231	150	9	159	159	0	159	7155.22	113
R	Aug 2011	68	123	1	125	124	0	124	7155.77	114
I	Sep 2011	36	108	1	109	115	0	115	7148.00	108
	WY 2011	**1236**	**1065**	**74**	**1139**	**1133**	**0**	**1139**		
C	Oct 2011	37	93	1	94	91	0	91	7151.08	110
A	Nov 2011	30	37	2	39	38	0	38	7151.73	110
L	Dec 2011	25	87	0	88	85	0	85	7154.97	113
*	Jan 2012	23	52	1	53	52	0	52	7155.61	113
	Feb 2012	22	29	2	31	32	0	32	7153.73	112
	Mar 2012	33	33	3	36	36	0	36	7153.73	112
	Apr 2012	73	46	9	55	55	0	55	7153.73	112
	May 2012	163	72	16	88	88	0	88	7153.73	112
	Jun 2012	193	63	17	80	80	0	80	7153.73	112
	Jul 2012	71	99	8	107	107	0	107	7153.73	112
	Aug 2012	48	98	4	102	102	0	102	7153.73	112
	Sep 2012	35	79	3	82	82	0	82	7153.73	112
	WY 2012	**753**	**788**	**65**	**854**	**849**	**0**	**849**		
	Oct 2012	41	52	3	55	55	0	55	7153.73	112
	Nov 2012	33	29	2	31	31	0	31	7153.73	112
	Dec 2012	28	41	2	43	43	0	43	7153.73	112
	Jan 2013	27	61	2	63	63	0	63	7153.73	112
	Feb 2013	25	55	3	58	58	0	58	7153.73	112
	Mar 2013	40	44	4	48	48	0	48	7153.73	112
	Apr 2013	88	48	11	59	59	0	59	7153.73	112
	May 2013	247	103	26	129	129	0	129	7153.73	112
	Jun 2013	281	74	20	94	94	0	94	7153.73	112
	Jul 2013	123	111	6	118	118	0	118	7153.73	112
	Aug 2013	67	122	3	125	125	0	125	7153.73	112
	Sep 2013	41	113	3	116	116	0	116	7153.73	112
	WY 2013	**1040**	**854**	**85**	**939**	**939**	**0**	**939**		
	Oct 2013	41	70	3	73	73	0	73	7153.73	112
	Nov 2013	33	40	2	42	42	0	42	7153.73	112
	Dec 2013	28	93	2	96	96	0	96	7153.73	112
	Jan 2014	27	61	2	63	63	0	63	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

February 2012 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 2011	24	44	3	47	24	23	46	6751.55	17	1	47
H	Mar 2011	43	73	5	78	78	0	78	6751.94	17	5	76
I	Apr 2011	92	104	8	112	110	2	112	6752.03	17	38	79
S	May 2011	204	181	13	195	126	68	194	6753.39	17	63	137
T	Jun 2011	516	176	61	237	120	81	237	6752.90	17	62	183
O	Jul 2011	255	159	23	182	128	58	186	6739.47	13	62	136
R	Aug 2011	75	124	7	131	126	2	129	6748.39	16	66	70
I	Sep 2011	39	115	4	119	120	0	120	6744.21	14	64	62
	WY 2011	**1375**	**1139**	**139**	**1278**	**1008**	**235**	**1279**			**413**	**912**
C	Oct 2011	41	91	4	96	94	0	94	6749.65	16	53	44
A	Nov 2011	34	38	4	42	41	1	41	6751.53	17	1	41
L	Dec 2011	28	85	3	88	89	0	89	6750.95	16	1	90
*	Jan 2012	27	52	3	56	53	3	56	6751.28	16	1	57
	Feb 2012	26	32	4	36	36	0	36	6753.04	17	0	36
	Mar 2012	39	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2012	84	55	11	66	66	0	66	6753.04	17	30	36
	May 2012	187	88	24	112	112	0	112	6753.04	17	55	57
	Jun 2012	209	80	16	96	96	0	96	6753.04	17	60	36
	Jul 2012	75	107	4	111	111	0	111	6753.04	17	65	46
	Aug 2012	52	102	4	106	106	0	106	6753.04	17	65	41
	Sep 2012	40	82	5	87	87	0	87	6753.04	17	55	32
	WY 2012	**841**	**849**	**89**	**938**	**932**	**3**	**935**			**389**	**553**
	Oct 2012	47	55	6	61	61	0	61	6753.04	17	30	31
	Nov 2012	38	31	5	36	36	0	36	6753.04	17	0	36
	Dec 2012	32	43	5	48	48	0	48	6753.04	17	0	48
	Jan 2013	31	63	5	68	68	0	68	6753.04	17	0	68
	Feb 2013	29	58	4	61	61	0	61	6753.04	17	0	61
	Mar 2013	46	48	6	54	54	0	54	6753.04	17	5	49
	Apr 2013	101	59	12	72	72	0	72	6753.04	17	30	42
	May 2013	281	129	34	163	134	29	163	6753.04	17	55	108
	Jun 2013	315	94	34	128	128	0	128	6753.04	17	60	68
	Jul 2013	138	118	14	132	132	0	132	6753.04	17	65	67
	Aug 2013	75	125	8	134	134	0	134	6753.04	17	65	69
	Sep 2013	47	116	6	122	122	0	122	6753.04	17	55	67
	WY 2013	**1180**	**939**	**140**	**1078**	**1049**	**29**	**1078**			**365**	**713**
	Oct 2013	47	73	6	79	79	0	79	6753.04	17	30	49
	Nov 2013	38	42	5	47	47	0	47	6753.04	17	0	47
	Dec 2013	32	96	5	100	100	0	100	6753.04	17	0	100
	Jan 2014	31	63	5	68	68	0	68	6753.04	17	0	68

* 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 2012 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 2011	4	2	7643.62	72
H	Mar 2011	7	2	7645.67	77
I	Apr 2011	22	4	7653.10	95
S	May 2011	44	27	7659.70	111
T	Jun 2011	79	64	7664.94	125
O	Jul 2011	23	39	7658.78	109
R	Aug 2011	9	37	7647.29	81
I	Sep 2011	8	29	7637.58	59
	WY 2011	**225**	**222**		
C	Oct 2011	15	9	7640.42	65
A	Nov 2011	9	2	7643.33	72
L	Dec 2011	5	2	7644.76	75
*	Jan 2012	5	3	7645.42	76
	Feb 2012	4	3	7645.69	77
	Mar 2012	7	3	7647.31	81
	Apr 2012	21	3	7654.62	98
	May 2012	68	47	7662.65	119
	Jun 2012	67	60	7664.97	125
	Jul 2012	24	42	7658.08	107
	Aug 2012	18	38	7649.74	86
	Sep 2012	16	30	7643.93	73
	WY 2012	**259**	**241**		
	Oct 2012	16	17	7643.14	71
	Nov 2012	9	5	7644.84	75
	Dec 2012	6	5	7645.40	76
	Jan 2013	5	5	7645.56	77
	Feb 2013	5	4	7645.69	77
	Mar 2013	9	3	7647.99	82
	Apr 2013	23	3	7656.17	102
	May 2013	71	55	7662.49	119
	Jun 2013	70	63	7664.91	125
	Jul 2013	29	42	7659.98	112
	Aug 2013	20	38	7652.71	94
	Sep 2013	17	30	7647.51	81
	WY 2013	**281**	**269**		
	Oct 2013	16	19	7646.03	78
	Nov 2013	9	8	7646.40	78
	Dec 2013	6	3	7647.67	81
	Jan 2014	5	5	7647.83	82

* 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 2012 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 2011	18	0	15	1	1	28	6058.41	1328	45
H	Mar 2011	41	2	35	2	4	31	6058.28	1326	46
I	Apr 2011	115	14	84	2	19	31	6060.75	1357	44
S	May 2011	172	22	134	4	28	32	6066.13	1428	79
T	Jun 2011	252	43	193	4	42	113	6068.65	1462	295
O	Jul 2011	40	8	46	5	48	31	6065.88	1424	98
R	Aug 2011	3	2	29	4	47	46	6060.64	1356	47
I	Sep 2011	15	2	35	3	20	40	6058.35	1327	
	WY 2011	**737**	**93**	**641**	**28**	**220**	**478**			**838**
C	Oct 2011	54	4	44	2	10	33	6058.32	1327	55
A	Nov 2011	31	1	23	1	0	21	6058.38	1327	47
L	Dec 2011	19	0	16	1	1	30	6057.10	1311	56
*	Jan 2012	18	0	16	1	1	31	6055.85	1296	48
	Feb 2012	22	0	21	1	0	29	6055.18	1288	29
	Mar 2012	57	1	52	2	2	31	6056.59	1305	31
	Apr 2012	127	15	94	2	17	30	6060.17	1350	30
	May 2012	252	35	196	4	32	48	6068.67	1462	48
	Jun 2012	194	26	162	5	47	92	6069.96	1480	92
	Jul 2012	57	4	71	5	52	32	6068.66	1462	32
	Aug 2012	41	0	61	4	44	55	6065.52	1420	55
	Sep 2012	41	0	54	3	25	43	6064.29	1403	43
	WY 2012	**913**	**87**	**809**	**28**	**230**	**475**			**566**
	Oct 2012	47	0	48	2	6	34	6064.73	1409	34
	Nov 2012	34	0	29	1	0	30	6064.63	1408	30
	Dec 2012	25	0	24	1	0	31	6064.05	1400	31
	Jan 2013	22	0	21	1	0	31	6063.29	1390	31
	Feb 2013	30	0	30	1	0	28	6063.39	1391	28
	Mar 2013	92	3	84	2	2	31	6067.13	1441	31
	Apr 2013	170	15	135	3	18	34	6073.01	1523	34
	May 2013	277	37	223	4	32	200	6072.03	1509	200
	Jun 2013	224	31	185	5	48	208	6066.58	1434	208
	Jul 2013	66	6	73	5	53	35	6065.07	1414	35
	Aug 2013	45	2	61	4	45	43	6062.73	1383	43
	Sep 2013	43	0	55	3	26	35	6062.06	1374	35
	WY 2013	**1075**	**95**	**969**	**29**	**230**	**739**			**739**
	Oct 2013	47	1	49	2	6	33	6062.66	1382	33
	Nov 2013	34	1	32	1	0	30	6062.75	1383	30
	Dec 2013	25	0	22	1	0	31	6062.02	1374	31
	Jan 2014	22	0	21	1	0	31	6061.25	1364	31

* 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 2012 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)
*	Feb 2011	280	340	10	964	0	964	3614.95	5112	13235	976
H	Mar 2011	581	583	16	1033	0	1033	3610.73	5078	12804	1046
I	Apr 2011	1136	1096	25	940	0	940	3611.93	5088	12926	963
S	May 2011	2440	2467	30	1171	0	1171	3623.13	5182	14098	1191
T	Jun 2011	5203	4661	54	1377	0	1377	3648.98	5421	17089	1391
O	Jul 2011	3767	3195	74	1483	0	1483	3660.86	5542	18605	1502
R	Aug 2011	664	780	74	1479	0	1479	3655.34	5485	17890	1501
I	Sep 2011	456	669	67	922	0	922	3653.01	5461	17593	957
	WY 2011	**15971**	**15498**	**467**	**12518**	**0**	**12518**				**12731**
C	Oct 2011	513	630	45	956	0	956	3650.27	5434	17249	984
A	Nov 2011	509	533	43	1099	0	1099	3645.69	5389	16685	1108
L	Dec 2011	359	487	33	1223	0	1223	3639.74	5331	15972	1228
*	Jan 2012	356	503	10	852	0	852	3636.90	5305	15640	862
	Feb 2012	390	497	11	650	0	650	3635.59	5293	15488	650
	Mar 2012	550	596	19	600	0	600	3635.40	5291	15467	600
	Apr 2012	800	730	29	600	0	600	3636.20	5298	15559	600
	May 2012	1550	1313	36	600	0	600	3641.55	5349	16187	600
	Jun 2012	1960	1662	57	717	0	717	3648.33	5414	17009	717
	Jul 2012	740	706	69	890	0	890	3646.42	5396	16775	890
	Aug 2012	393	512	68	800	0	800	3643.70	5369	16445	800
	Sep 2012	364	471	62	476	0	476	3643.18	5364	16382	476
	WY 2012	**8483**	**8638**	**483**	**9463**	**0**	**9463**				**9514**
	Oct 2012	512	550	43	491	0	491	3643.31	5365	16397	491
	Nov 2012	473	502	41	600	0	600	3642.23	5355	16268	600
	Dec 2012	363	438	33	800	0	800	3639.15	5326	15903	800
	Jan 2013	361	456	10	800	0	800	3636.34	5300	15575	800
	Feb 2013	393	459	11	600	0	600	3635.12	5288	15434	600
	Mar 2013	665	603	19	600	0	600	3635.00	5287	15420	600
	Apr 2013	1056	875	29	800	0	800	3635.36	5291	15462	800
	May 2013	2343	2099	36	840	0	840	3644.94	5381	16594	840
	Jun 2013	2666	2382	59	1065	0	1065	3654.32	5474	17760	1065
	Jul 2013	1091	1005	72	1200	0	1200	3652.37	5455	17512	1200
	Aug 2013	500	616	70	1079	0	1079	3648.41	5415	17019	1079
	Sep 2013	408	544	64	800	0	800	3646.00	5392	16723	800
	WY 2013	**10831**	**10530**	**487**	**9675**	**0**	**9675**				**9675**
	Oct 2013	512	580	44	600	0	600	3645.51	5387	16664	600
	Nov 2013	473	526	42	600	0	600	3644.63	5378	16556	600
	Dec 2013	363	503	33	800	0	800	3642.08	5354	16250	800
	Jan 2014	361	468	10	800	0	800	3639.40	5328	15933	800

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RECLAMATION
Managing Water in the West

February 2012 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow (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 2011	964	84	29	635	11.4	9	616	723	1095.78	11117
H	Mar 2011	1033	77	33	1006	16.4	15	1002	726	1096.39	11170
I	Apr 2011	940	140	40	1078	18.1	20	1066	722	1095.76	11115
S	May 2011	1171	104	47	1001	16.3	25	997	735	1097.90	11304
T	Jun 2011	1377	72	57	939	15.8	25	938	761	1102.38	11705
O	Jul 2011	1483	74	73	1001	16.3	26	1000	789	1107.07	12133
R	Aug 2011	1479	96	80	831	13.5	28	829	827	1113.45	12730
I	Sep 2011	922	96	67	670	11.3	18	668	844	1116.04	12977
	WY 2011	**12518**	**1157**	**578**	**9799**		**225**	**9676**			
C	Oct 2011	956	65	49	443	7.2	19	436	875	1121.00	13456
A	Nov 2011	1099	36	50	564	9.5	13	561	906	1125.82	13933
L	Dec 2011	1223	84	45	497	8.1	9	482	952	1132.83	14644
*	Jan 2012	852	56	37	713	11.6	9	742	976	1134.18	15022
	Feb 2012	650	92	34	780	13.6	15	780	971	1133.38	14940
	Mar 2012	600	80	38	905	14.7	19	905	954	1130.79	14675
	Apr 2012	600	60	46	1117	18.8	16	1117	922	1125.95	14187
	May 2012	600	49	52	1022	16.6	27	1022	895	1121.64	13762
	Jun 2012	717	23	62	949	15.9	24	949	876	1118.79	13484
	Jul 2012	890	50	77	889	14.5	28	889	873	1118.26	13433
	Aug 2012	800	109	82	826	13.4	29	826	871	1117.99	13406
	Sep 2012	476	70	67	673	11.3	19	673	858	1115.90	13206
	WY 2012	**9463**	**772**	**641**	**9378**		**228**	**9383**			
	Oct 2012	491	59	49	390	6.3	21	390	864	1116.79	13291
	Nov 2012	600	48	49	613	10.3	19	613	862	1116.46	13260
	Dec 2012	800	99	43	477	7.8	16	477	884	1120.00	13601
	Jan 2013	800	76	35	696	11.3	16	696	892	1121.24	13722
	Feb 2013	600	92	32	702	12.6	15	702	888	1120.69	13668
	Mar 2013	600	80	36	1040	16.9	21	1040	863	1116.64	13277
	Apr 2013	800	60	44	1128	19.0	17	1128	843	1113.40	12967
	May 2013	840	49	50	1018	16.6	27	1018	830	1111.35	12774
	Jun 2013	1065	23	60	945	15.9	23	945	834	1111.95	12830
	Jul 2013	1200	50	76	936	15.2	25	936	847	1114.07	13031
	Aug 2013	1079	109	81	845	13.7	27	845	861	1116.36	13250
	Sep 2013	800	70	67	673	11.3	19	673	868	1117.44	13353
	WY 2013	**9675**	**815**	**622**	**9463**		**247**	**9463**			
	Oct 2013	600	59	49	454	7.4	23	454	876	1118.73	13479
	Nov 2013	600	48	49	546	9.2	22	546	878	1119.03	13507
	Dec 2013	800	99	43	480	7.8	17	480	900	1122.48	13844
	Jan 2014	800	76	35	696	11.3	20	696	907	1123.67	13961

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

Model Run ID: 2118

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2012 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 2011	635	-10	10	586	0	586	10.5	643.01	1699
H	Mar 2011	1006	-11	13	976	0	976	15.9	643.23	1705
I	Apr 2011	1078	-13	17	1047	0	1047	17.6	643.30	1707
S	May 2011	1001	-10	22	949	0	949	15.4	644.04	1727
T	Jun 2011	939	-9	25	954	0	954	16.0	642.27	1679
O	Jul 2011	1001	-10	25	943	0	943	15.3	643.11	1702
R	Aug 2011	831	-6	23	822	0	822	13.4	642.38	1682
I	Sep 2011	670	-6	18	717	0	717	12.1	639.73	1610
	WY 2011	**9799**	**-120**	**198**	**9446**	**0**	**9446**			
C	Oct 2011	443	7	15	611	0	611	9.9	633.03	1435
A	Nov 2011	564	-11	10	466	0	466	7.8	635.99	1511
L	Dec 2011	497	-28	9	385	0	385	6.3	638.82	1586
*	Jan 2012	713	-23	10	638	0	638	10.4	640.38	1628
	Feb 2012	780	-6	10	708	0	708	12.3	642.50	1685
	Mar 2012	905	-15	13	877	0	877	14.3	642.50	1685
	Apr 2012	1117	-15	17	1072	0	1072	18.0	643.00	1699
	May 2012	1022	-10	22	990	0	990	16.1	643.00	1699
	Jun 2012	949	-6	25	945	0	945	15.9	642.00	1671
	Jul 2012	889	1	25	878	0	878	14.3	641.50	1658
	Aug 2012	826	-5	23	798	0	798	13.0	641.50	1658
	Sep 2012	673	1	18	750	0	750	12.6	638.00	1564
	WY 2012	**9378**	**-110**	**197**	**9117**	**0**	**9117**			
	Oct 2012	390	3	14	571	0	571	9.3	630.49	1371
	Nov 2012	613	-10	10	479	0	479	8.0	635.00	1486
	Dec 2012	477	-13	9	357	0	357	5.8	638.71	1583
	Jan 2013	696	-17	10	587	0	587	9.5	641.80	1666
	Feb 2013	702	-6	10	687	0	687	12.4	641.80	1666
	Mar 2013	1040	-15	13	978	0	978	15.9	643.05	1700
	Apr 2013	1128	-15	17	1098	0	1098	18.5	643.00	1699
	May 2013	1018	-10	22	985	0	985	16.0	643.00	1699
	Jun 2013	945	-6	25	941	0	941	15.8	642.00	1671
	Jul 2013	936	1	25	925	0	925	15.0	641.50	1658
	Aug 2013	845	-5	23	818	0	818	13.3	641.50	1658
	Sep 2013	673	1	18	750	0	750	12.6	638.00	1564
	WY 2013	**9463**	**-91**	**196**	**9175**	**0**	**9175**			
	Oct 2013	454	3	15	572	0	572	9.3	633.00	1434
	Nov 2013	546	-10	10	475	0	475	8.0	635.00	1486
	Dec 2013	480	-13	9	361	0	361	5.9	638.71	1583
	Jan 2014	696	-17	10	587	0	587	9.5	641.80	1666

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2012 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 2011	586	15	8	415	7.5	23	135	447.29	567	173	3.1
H	Mar 2011	976	6	9	694	11.3	71	181	448.06	581	199	3.2
I	Apr 2011	1047	18	11	786	13.2	71	180	448.54	590	204	3.4
S	May 2011	949	17	13	691	11.2	83	167	448.68	593	115	1.9
T	Jun 2011	954	14	15	708	11.9	96	155	447.73	575	120	2.0
O	Jul 2011	943	34	17	762	12.4	100	77	448.22	584	127	2.1
R	Aug 2011	822	25	17	669	10.9	91	60	448.13	583	97	1.6
I	Sep 2011	717	30	15	538	9.0	83	102	448.28	585	91	1.5
	WY 2011	**9446**	**263**	**140**	**6837**		**964**	**1652**			**1634**	
C	Oct 2011	611	31	12	472	7.7	8	149	447.97	579	62	1.0
A	Nov 2011	466	37	9	321	5.4	7	175	447.32	567	93	1.6
L	Dec 2011	385	27	6	267	4.3	15	151	445.69	537	108	1.7
*	Jan 2012	638	12	6	382	6.2	54	187	446.61	554	131	2.1
	Feb 2012	708	6	8	465	8.1	49	170	447.50	571	158	2.8
	Mar 2012	877	22	9	685	11.1	13	184	447.50	571	187	3.0
	Apr 2012	1072	18	11	781	13.1	96	170	448.70	593	205	3.5
	May 2012	990	13	13	702	11.4	99	177	448.70	593	112	1.8
	Jun 2012	945	9	16	687	11.5	102	137	448.70	593	114	1.9
	Jul 2012	878	15	17	728	11.8	83	64	448.00	580	115	1.9
	Aug 2012	798	18	17	647	10.5	84	64	447.50	571	105	1.7
	Sep 2012	750	15	15	570	9.6	81	103	446.81	557	102	1.7
	WY 2012	**9117**	**225**	**140**	**6706**		**691**	**1731**			**1492**	
	Oct 2012	571	20	12	451	7.3	15	114	446.31	548	64	1.0
	Nov 2012	479	26	8	382	6.4	11	93	446.50	552	102	1.7
	Dec 2012	357	21	6	277	4.5	12	78	446.50	552	106	1.7
	Jan 2013	587	15	6	356	5.8	94	141	446.50	552	122	2.0
	Feb 2013	687	6	8	461	8.3	84	135	446.50	552	153	2.8
	Mar 2013	978	22	9	708	11.5	94	178	446.70	555	208	3.4
	Apr 2013	1098	18	11	796	13.4	90	172	448.70	593	200	3.4
	May 2013	985	13	13	703	11.4	94	178	448.70	593	111	1.8
	Jun 2013	941	9	16	676	11.4	90	155	448.70	593	112	1.9
	Jul 2013	925	15	17	730	11.9	94	98	448.00	580	118	1.9
	Aug 2013	818	18	17	625	10.2	94	97	447.50	571	92	1.5
	Sep 2013	750	15	15	530	8.9	77	147	446.81	557	89	1.5
	WY 2013	**9175**	**199**	**139**	**6694**		**849**	**1589**			**1477**	
	Oct 2013	572	20	12	442	7.2	29	110	446.31	548	72	1.2
	Nov 2013	475	26	8	375	6.3	30	77	446.50	552	105	1.8
	Dec 2013	361	21	6	284	4.6	30	56	446.50	552	118	1.9
	Jan 2014	587	15	6	356	5.8	94	141	446.50	552	122	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 2012 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 2011	635	11.4	1095.78	11117	353	447.78	1414.0	244.7	88	385.7
H	Mar 2011	1006	16.4	1096.39	11170	54	449.79	1232.0	398.2	75	395.8
I	Apr 2011	1078	18.1	1095.76	11115	-55	449.53	1157.0	430.9	70	399.6
S	May 2011	1001	16.3	1097.90	11304	189	452.71	1468.0	394.5	88	393.9
T	Jun 2011	939	15.8	1102.38	11705	401	457.87	1661.0	372.1	100	396.2
O	Jul 2011	1001	16.3	1107.07	12133	429	462.21	1698.0	403.2	100	402.6
R	Aug 2011	831	13.5	1113.45	12730	597	469.04	1721.0	338.8	100	407.7
I	Sep 2011	670	11.3	1116.04	12977	247	473.88	1757.0	272.0	100	406.1
	WY 2011	**9799**							**3848.4**		
C	Oct 2011	443	7.2	1121.00	13456	479	478.70	1311.0	178.9	74	403.5
A	Nov 2011	564	9.5	1125.82	13933	477	481.61	1110.0	233.8	61	414.3
L	Dec 2011	497	8.1	1132.83	14644	711	488.04	1374.0	207.2	75	417.3
*	Jan 2012	713	11.6	1134.18	15022	139	485.97	1146.0	308.0	61	432.1
	Feb 2012	780	13.6	1133.38	14940	-83	484.51	1282.0	344.3	68	441.1
	Mar 2012	905	14.7	1130.79	14675	-265	483.50	1040.0	402.4	56	444.6
	Apr 2012	1117	18.8	1125.95	14187	-488	477.40	1396.0	490.3	76	438.9
	May 2012	1022	16.6	1121.64	13762	-425	472.10	1472.0	433.9	81	424.5
	Jun 2012	949	15.9	1118.79	13484	-278	466.77	1802.0	398.5	100	420.0
	Jul 2012	889	14.5	1118.26	13433	-51	465.57	1800.0	375.5	100	422.5
	Aug 2012	826	13.4	1117.99	13406	-26	465.34	1800.0	345.7	100	418.7
	Sep 2012	673	11.3	1115.90	13206	-201	465.31	1785.0	275.5	100	409.2
	WY 2012	**9378**							**3993.9**		
	Oct 2012	390	6.3	1116.79	13291	85	467.81	1626.0	154.7	91	397.3
	Nov 2012	613	10.3	1116.46	13260	-31	472.00	1393.0	256.8	78	418.7
	Dec 2012	477	7.8	1120.00	13601	342	470.91	1407.0	197.2	78	413.6
	Jan 2013	696	11.3	1121.24	13722	121	471.00	1423.0	290.3	79	417.1
	Feb 2013	702	12.6	1120.69	13668	-54	471.56	1219.0	300.0	67	427.3
	Mar 2013	1040	16.9	1116.64	13277	-391	467.26	1463.0	438.4	82	421.5
	Apr 2013	1128	19.0	1113.40	12967	-310	462.55	1559.0	477.0	88	422.7
	May 2013	1018	16.6	1111.35	12774	-194	458.64	1756.0	415.4	100	408.1
	Jun 2013	945	15.9	1111.95	12830	56	458.25	1759.0	390.0	100	412.9
	Jul 2013	936	15.2	1114.07	13031	201	460.09	1759.0	385.6	100	412.1
	Aug 2013	845	13.7	1116.36	13250	219	462.45	1759.0	353.0	100	417.6
	Sep 2013	673	11.3	1117.44	13353	103	465.27	1759.0	275.5	100	409.1
	WY 2013	**9463**							**3933.9**		
	Oct 2013	454	7.4	1118.73	13479	125	469.56	1601.6	185.3	91	408.3
	Nov 2013	546	9.2	1119.03	13507	29	473.42	1372.4	225.2	78	412.3
	Dec 2013	480	7.8	1122.48	13844	337	473.42	1372.6	199.6	78	415.7
	Jan 2014	696	11.3	1123.67	13961	117	473.45	1381.4	291.5	79	418.9

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2012 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
*	Feb 2011	586	10.5	643.01	1699	29	139.78	181.1	73.6	71	125.6
H	Mar 2011	976	15.9	643.23	1705	6	138.82	204.0	123.0	80	126.0
I	Apr 2011	1047	17.6	643.30	1707	2	141.68	227.0	131.6	89	125.7
S	May 2011	949	15.4	644.04	1727	20	142.61	255.0	120.3	100	126.8
T	Jun 2011	954	16.0	642.27	1679	-48	140.41	249.9	120.6	98	126.4
O	Jul 2011	943	15.3	643.11	1702	23	143.18	255.0	119.3	100	126.5
R	Aug 2011	822	13.4	642.38	1682	-20	140.95	255.0	103.5	100	125.9
I	Sep 2011	717	12.1	639.73	1610	-72	137.99	255.0	90.2	100	125.8
	WY 2011	**9446**							**1182.3**		
C	Oct 2011	611	9.9	633.03	1435	-175	133.41	181.1	74.4	71	121.8
A	Nov 2011	466	7.8	635.99	1511	76	134.28	170.9	57.0	67	122.2
L	Dec 2011	385	6.3	638.82	1586	74	135.59	173.4	48.1	68	124.9
*	Jan 2012	638	10.4	640.38	1628	42	138.75	170.9	77.2	67	121.0
	Feb 2012	708	12.3	642.50	1685	57	137.15	163.2	88.3	64	124.8
	Mar 2012	877	14.3	642.50	1685	0	135.86	242.3	109.7	95	125.1
	Apr 2012	1072	18.0	643.00	1699	14	135.78	255.0	133.1	100	124.2
	May 2012	990	16.1	643.00	1699	0	136.04	255.0	123.6	100	124.9
	Jun 2012	945	15.9	642.00	1671	-27	135.51	255.0	117.7	100	124.6
	Jul 2012	878	14.3	641.50	1658	-14	134.73	255.0	109.2	100	124.4
	Aug 2012	798	13.0	641.50	1658	0	134.46	255.0	99.5	100	124.6
	Sep 2012	750	12.6	638.00	1564	-94	132.62	255.0	92.4	100	123.1
	WY 2012	**9117**							**1130.0**		
	Oct 2012	571	9.3	630.49	1371	-193	127.85	219.3	68.2	86	119.4
	Nov 2012	479	8.0	635.00	1486	115	125.53	244.8	56.7	96	118.5
	Dec 2012	357	5.8	638.71	1583	97	130.29	229.5	44.0	90	123.1
	Jan 2013	587	9.5	641.80	1666	83	134.09	221.9	73.1	87	124.7
	Feb 2013	687	12.4	641.80	1666	0	136.08	209.1	85.9	82	125.1
	Mar 2013	978	15.9	643.05	1700	34	135.86	239.7	121.7	94	124.5
	Apr 2013	1098	18.5	643.00	1699	-2	136.07	255.0	136.5	100	124.3
	May 2013	985	16.0	643.00	1699	0	136.04	255.0	123.1	100	125.0
	Jun 2013	941	15.8	642.00	1671	-27	135.51	255.0	117.2	100	124.6
	Jul 2013	925	15.0	641.50	1658	-14	134.73	255.0	114.8	100	124.1
	Aug 2013	818	13.3	641.50	1658	0	134.46	255.0	101.8	100	124.5
	Sep 2013	750	12.6	638.00	1564	-94	132.62	255.0	92.4	100	123.1
	WY 2013	**9175**							**1135.4**		
	Oct 2013	572	9.3	633.00	1434	-130	129.17	219.3	68.9	86	120.5
	Nov 2013	475	8.0	635.00	1486	51	126.85	244.8	56.8	96	119.7
	Dec 2013	361	5.9	638.71	1583	97	130.29	229.5	44.4	90	123.1
	Jan 2014	587	9.5	641.80	1666	83	134.09	221.9	73.1	87	124.7

* 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

February 2012 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
*	Feb 2011	415	7.5	447.29	567	17	76.83	90.0	29.3	75	70.7
H	Mar 2011	694	11.3	448.06	581	15	80.18	112.8	47.4	94	68.4
I	Apr 2011	786	13.2	448.54	590	9	82.13	120.0	54.4	100	69.1
S	May 2011	691	11.2	448.68	593	3	80.58	120.0	47.9	100	69.3
T	Jun 2011	708	11.9	447.73	575	-18	81.68	114.0	49.9	95	70.4
O	Jul 2011	762	12.4	448.22	584	9	81.72	116.4	51.6	97	67.7
R	Aug 2011	669	10.9	448.13	583	-2	82.04	120.0	46.1	100	68.9
I	Sep 2011	538	9.0	448.28	585	3	82.16	120.0	39.4	100	73.2
	WY 2011	**6837**							**474.2**		
C	Oct 2011	472	7.7	447.97	579	-6	81.92	92.4	31.5	77	66.8
A	Nov 2011	321	5.4	447.32	567	-12	80.93	102.0	22.1	85	69.1
L	Dec 2011	267	4.3	445.69	537	-30	81.08	67.2	17.7	56	66.2
*	Jan 2012	382	6.2	446.61	554	17	80.68	67.2	25.6	56	67.1
	Feb 2012	465	8.1	447.50	571	17	75.61	94.8	30.5	79	65.6
	Mar 2012	685	11.1	447.50	571	0	75.92	97.2	45.6	81	66.6
	Apr 2012	781	13.1	448.70	593	23	75.47	120.0	51.8	100	66.3
	May 2012	702	11.4	448.70	593	0	76.05	120.0	46.7	100	66.5
	Jun 2012	687	11.5	448.70	593	0	76.05	120.0	45.7	100	66.5
	Jul 2012	728	11.8	448.00	580	-13	75.71	120.0	48.3	100	66.3
	Aug 2012	647	10.5	447.50	571	-10	75.13	120.0	42.5	100	65.6
	Sep 2012	570	9.6	446.81	557	-13	74.55	120.0	37.0	100	65.0
	WY 2012	**6706**							**444.9**		
	Oct 2012	451	7.3	446.31	548	-9	74.77	102.0	29.2	85	64.6
	Nov 2012	382	6.4	446.50	552	3	74.62	102.0	24.5	85	64.1
	Dec 2012	277	4.5	446.50	552	0	74.71	102.0	17.4	85	62.8
	Jan 2013	356	5.8	446.50	552	0	74.71	102.0	22.7	85	63.8
	Feb 2013	461	8.3	446.50	552	0	73.92	120.0	29.6	100	64.2
	Mar 2013	708	11.5	446.70	555	4	74.01	120.0	45.9	100	64.9
	Apr 2013	796	13.4	448.70	593	38	75.08	120.0	52.5	100	66.0
	May 2013	703	11.4	448.70	593	0	76.05	120.0	46.7	100	66.5
	Jun 2013	676	11.4	448.70	593	0	76.05	120.0	44.9	100	66.5
	Jul 2013	730	11.9	448.00	580	-13	75.71	120.0	48.4	100	66.3
	Aug 2013	625	10.2	447.50	571	-10	75.13	120.0	41.0	100	65.5
	Sep 2013	530	8.9	446.81	557	-13	74.55	120.0	34.4	100	64.8
	WY 2013	**6694**							**437.2**		
	Oct 2013	442	7.2	446.31	548	-9	74.77	102.0	28.5	85	64.6
	Nov 2013	375	6.3	446.50	552	3	74.62	102.0	24.0	85	64.1
	Dec 2013	284	4.6	446.50	552	0	74.71	102.0	17.9	85	62.9
	Jan 2014	356	5.8	446.50	552	0	74.71	102.0	22.7	85	63.8

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2012 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 2011	425	26	12	15	4	3
H	Mar 2011	453	23	21	26	15	4
	Winter 2011	**2299**	**156**	**79**	**97**	**48**	**19**
I	Apr 2011	415	65	26	37	21	5
S	May 2011	520	105	44	66	23	5
T	Jun 2011	634	98	36	61	23	5
O	Jul 2011	708					
R	Aug 2011	706	60	39	44	22	8
I	Sep 2011	442	58	34	41	22	6
	Summer 2011	**3425**	**386**	**179**	**248**	**111**	**30**
C	Oct 2011	446	48	28	33	18	5
A	Nov 2011	508	34	11	13	7	2
L	Dec 2011	563	43	25	30	17	6
*	Jan 2012	388	58	15	18	10	5
	Feb 2012	276	51	8	12	6	5
	Mar 2012	254	54	10	13	7	5
	Winter 2012	**2435**	**287**	**96**	**118**	**65**	**27**
	Apr 2012	254	52	13	20	11	4
	May 2012	256	66	21	32	19	6
	Jun 2012	309	72	19	29	17	8
	Jul 2012	385	33	30	39	19	10
	Aug 2012	345	33	30	37	18	8
	Sep 2012	205	31	24	29	15	7
	Summer 2012	**1753**	**287**	**137**	**185**	**100**	**43**
	Oct 2012	211	33	15	20	10	6
	Nov 2012	257	31	9	11	6	6
	Dec 2012	342	32	12	16	8	6
	Jan 2013	340	32	18	23	12	6
	Feb 2013	254	29	16	21	11	5
	Mar 2013	254	32	13	17	9	5
	Winter 2013	**1658**	**191**	**83**	**107**	**57**	**33**
	Apr 2013	338	31	14	21	12	5
	May 2013	359	46	30	46	23	7
	Jun 2013	463	84	23	34	22	9
	Jul 2013	525	37	35	42	23	10
	Aug 2013	470	37	38	45	23	9
	Sep 2013	346	36	35	42	21	6
	Summer 2013	**2155**	**236**	**140**	**189**	**104**	**39**
	Oct 2013	259	37	21	26	14	6
	Nov 2013	259	36	12	15	8	6
	Dec 2013	344	37	28	34	17	6
	Jan 2014	342	37	18	23	12	6

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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 2012	586	284	400	8682	9953	12355	22307	113	158	333	604	8682	12355	21641	1500	780	0	38.1
Mar 2012	677	291	408	8834	10210	12437	22647	203	167	341	711	8834	12437	21982	1500	905	0	37.8
Apr 2012	744	292	391	8855	10282	12702	22984	269	170	320	759	8855	12702	22316	1500	1117	0	37.5
May 2012	761	276	346	8763	10146	13190	23336	282	152	255	689	8763	13190	22642	1500	1022	0	37.9
Jun 2012	744	214	234	8135	9327	13615	22942	257	77	108	442	8135	13615	22192	1500	949	0	38.7
Jul 2012	601	114	216	7313	8243	13893	22137	101	-36	39	103	7313	13893	21310	1500	889	0	38.4
								****CREDITABLE SPACE****										
Aug 2012	517	144	234	7547	8443	13944	22387	517	144	234	896	7547	13944	22387	1500	826	0	37.9
Sep 2012	538	187	276	7877	8879	13971	22850	538	187	276	1002	7877	13971	22850	2270	673	0	37.4
Oct 2012	583	226	293	7940	9041	14171	23212	583	226	293	1101	7940	14171	23212	3040	390	0	37.3
Nov 2012	621	237	287	7925	9069	14086	23156	621	237	287	1144	7925	14086	23156	3810	613	0	37.2
Dec 2012	660	234	288	8054	9235	14117	23353	660	234	288	1182	8054	14117	23353	4580	477	0	37.2
Jan 2013	716	248	296	8419	9679	13776	23454	716	248	296	1260	8419	13776	23454	5350	696	0	37.0
								****EFFECTIVE SPACE****										
Jan 2013	716	248	296	8419	9679	13776	23454	363	248	185	797	8419	13776	22991	5350	696	0	37.0
Feb 2013	767	283	306	8747	10103	13655	23758	412	283	194	890	8747	13655	23292	1500	702	0	36.7
Mar 2013	805	314	305	8888	10312	13709	24020	448	314	192	955	8888	13709	23551	1500	1040	0	36.4
Apr 2013	796	321	255	8902	10274	14100	24375	435	321	139	895	8902	14100	23897	1500	1128	0	36.3
May 2013	756	295	173	8860	10085	14410	24495	388	295	37	720	8860	14410	23990	1500	1018	0	37.4
Jun 2013	648	195	187	7728	8758	14603	23361	269	192	15	476	7728	14603	22807	1500	945	0	38.9
Jul 2013	502	31	262	6562	7357	14547	21904	109	5	37	152	6562	14547	21261	1500	936	0	38.9
								****CREDITABLE SPACE****										
Aug 2013	411	27	282	6810	7530	14346	21877	411	27	282	720	6810	14346	21877	1500	845	0	38.5
Sep 2013	439	77	313	7303	8132	14127	22259	439	77	313	829	7303	14127	22259	2270	673	0	38.1
Oct 2013	493	144	322	7599	8559	14024	22583	493	144	322	960	7599	14024	22583	3040	454	0	37.9
Nov 2013	543	173	314	7658	8689	13898	22587	543	173	314	1031	7658	13898	22587	3810	546	0	37.8
Dec 2013	594	182	313	7766	8854	13870	22724	594	182	313	1088	7766	13870	22724	4580	480	0	37.8
Jan 2014	661	248	322	8072	9304	13533	22837	661	248	322	1232	8072	13533	22837	5350	696	0	37.6
								****EFFECTIVE SPACE****										
Jan 2014	661	248	322	8072	9304	13533	22837	306	248	186	741	8072	13533	22345	5350	696	0	37.6

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