January 24-Month Study
Date: January 12, 2012

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 11 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	35,000	109	6484.56	193,000
Flaming Gorge	38,000	109	6030.91	3,384,000
Blue Mesa	24,000	94	7487.17	560,000
Navajo	19,000	76	6056.64	1,306,000
Powell	359,000	99	3638.50	15,827,000

Expected Operations

The operation of Lake Powell and Lake Mead in this January 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 January 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 December were 35 kaf, or 109% of average. The reservoir elevation is 6485 feet above sea level and 57% of capacity. Current inflows are approximately 5500 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 64% 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 550 kaf, or 76% 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: 32,000 acre-ft (107%), 30,000 acre-ft (107%) and 35,000 acre-ft (66%) for January, February and March 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 December was 38 thousand acre-feet (kaf), or 109 percent of 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 January forecast for April-July unregulated inflow volume is 760 kaf (78 percent of average), which is a decrease of 21 percent from the previous forecast. This volume corresponds with the moderately dry classification within the 2006 Record of Decision. The unregulated inflow volumes and percent of average for January, February and March are forecasted to be 42 kaf (104%), 42 kaf (94%), and 68 kaf (66%), 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 – December unregulated inflow into Blue Mesa Reservoir was 24,000 acre-feet or 94 percent of average. Precipitation during December was observed to be about 50 percent of average. The Gunnison River basin snowpack as of January

12th was averaging about 57 percent. The current inflow rate into Blue Mesa Reservoir is about 350 cfs while reservoir releases are averaging about 900 cfs. The present reservoir elevation is 7487.17 feet, which corresponds to a storage content of about 560,000 acre-feet.

Releases from Crystal Dam have just been reduced from 1100 cfs down to 800 cfs as a result of very dry hydrologic conditions. Reservoir releases will most likely change as hydrologic conditions warrant, primarily as we respond to changes in forecasted inflows.

The first Water Supply Forecast for Water Year 2012 has been issued and the April through July unregulated inflow is forecasted to be at 450,000 acre-feet (67% of average). Based on this forecast, Blue Mesa Reservoir is not projected to fill by the end of this 2012 runoff season.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday January 19th 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 2012 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 - 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).

Pending significant changes in the weather and stream flow conditions, the reservoir release will likely remain at 500 cfs until next spring (2012).

Precipitation for the month of December in the San Juan River basin was about 85 percent of average. Unregulated inflow into Navajo Reservoir during the month of December was 19,000 acre-feet, or 76 percent of average. Currently, the daily reservoir inflow is averaging about 200 cfs. Diversions for NIIP have currently been shut down for the winter. The reservoir water surface elevation is at 6056.64 feet, which corresponds to a storage content of about 1,306,000 acre-feet.

A public meeting on Navajo Reservoir operations will be held on Tuesday, January 24, 2012 at 1:00 p.m. in Farmington, New Mexico. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and spring 2012 operations will be 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 – During December 2011 the unregulated inflow volume to Lake Powell was 359 kaf (99% of average based on the historic period from 1981 through 2010). This was well below the volume forecasted for the month of December which was 500 kaf (138% of average). As a result, the elevation of Lake Powell at the end of December was 3639.7 feet above sea level which was 1.1 feet lower than projected at the beginning of December.

Snowpack conditions above Lake Powell are well below average for this time of year. As of January 9, 2012 the overall snowpack above Lake Powell was only 60% of average. Reclamation has received the first Water Supply forecast for 2012 and the April through July unregulated inflow to Lake Powell is projected to be 5.05 maf which is 71% of average. Based on this forecast, the projected most probable (i.e. 50% likely to be exceeded) annual release volume 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 actual hydrology rather than forecasted hydrology.

Current Dam Operations

In August 2011, as part of the Colorado River Annual Operating Plan process, the Operating Tier for Glen Canyon Dam was determined to be the Equalization Tier under the 2008 Interim Guidelines. Under the Equalization Tier, with 1.233 maf of release volume carried over from 2011 to 2012, the annual release volume for WY2012 could be as low as 9.46 maf to as high as 13.1 maf or higher depending on actual inflow conditions. As inflow and storage conditions for Lake Powell and Lake Mead change throughout the year, Reclamation will make practicable adjustments to the operation of Glen Canyon Dam to release the appropriate annual volume during 2012. The overall goal during 2012 in terms of annual release will be to achieve the objectives of the Equalization Tier of the Interim Guidelines.

In response to the Water Supply forecast issued for Lake Powell in January, Reclamation has reduced the release volume for January from 1000 kaf to 850 kaf. This reduction began on January 10, 2012. Releases from Glen Canyon Dam are currently averaging about 13,200 cfs with fluctuations for power generation throughout the day that peak near 17,500 cfs in the afternoons. Early morning low releases are about 9,500 cfs. This operation is consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997).

In addition to hourly release fluctuations for load following power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate somewhat 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 release rate that is scheduled for a given hour. Typically, fluctuations for system regulation are very short lived and balance out over the hour and do not have noticeable impacts on river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond the typical load following pattern when called upon as a partner that shares reserve requirements within the electrical generator community (i.e. control area). There are many generators that supply electricity to the transmission system within the control 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. outage). To provide system reliability, all participating electricity generators within the control area maintain a specified level of generation capacity (i.e. reserves) that can be called upon when an outage occurs. Glen Canyon Dam typically maintains 109 MW of reserves for this purpose.

Reserve agreements allow the controllers of the transmission system to call upon Glen Canyon Dam for up to 109 MW of additional generation beyond what is originally scheduled for a given hour. These calls for reserve generation can be maintained for up to 2 hours in total duration. The 109 MW reserve requirement for Glen Canyon Dam translates to approximately 2,700 cfs of flow in the river and calls for reserves can have noticeable impacts on river flow conditions. Calls for reserves are fairly infrequent and typically are for much less than the maximum requirement of 109 MW.

Current Inflow Forecasts and Model Projections

Over the next three months (January, February, March) the forecasted unregulated inflow volume to Lake Powell is projected to be 375 kaf (104% of average), 410 kaf (104% of average) and 575 kaf (86% of average), respectively. These percent of averages are all based on the historic period from 1981 through 2010. Combining this forecast with the January 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 now projected to be 8.55 maf (79% of average). The minimum probable (i.e. 90% likely to be exceeded) unregulated inflow volume for WY2012 is now projected to be 5.48 maf (51% of average). The maximum probable (i.e. 10% likely to be exceeded) unregulated inflow volume for WY2012 is now projected to be 12.65 maf (117% of average).

Based on this range of possible inflow conditions, the January 24-Month Study projects the annual release volume for WY2012 to be as lows as 9.46 maf (under the minimum probable inflow condition) to as high as 13.01 maf (under the maximum probable inflow condition). 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 3643.9 feet above sea level. This elevation corresponds to a live storage volume of 16.47 maf (68% 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 10, 2012 the total reservoir storage in the Colorado River Basin was 38.54 maf (64.8% of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
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SALT LAKE CITY, UT 84138-5571
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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	457	513	509	359	99%:	375/	410/	575/	5050/: 71%
GBRW4:Fontenelle	49	50	46	35	109%:	32/	30/	45/	550/: 76%
GRNU1:Flaming Gorge	58	74	64	38	109%:	42/	42/	68/	760/: 78%
BMDC2:Blue Mesa	35	36	29	24	94%:	24/	21/	30/	450/: 67%
MPSC2:Morrow Point	36	37	30	25	90%:	25/	23/	33/	500/: 68%
CLSC2:Crystal	39	41	34	28	86%:	28/	27/	38/	555/: 66%
TPIC2:Taylor Park	7.2	7.3	5.2	4.1	87%:	3.8/	3.5/	4/	72/: 73%
VCRC2:Vallecito	7.6	14.8	8.6	5.3	84%:	4.5/	4/	7.2/	180/: 93%
NVRN5:Navajo	15.0	54	31	19.1	76%:	19/	24/	57/	650/: 88%
LEMC2:Lemon	1.76	2.8	1.49	1.00	91%:	0.9/	0.8/	1.5/	50/: 91%
MPHC2:McPhee	11.0	8.0	4.9	2.3	52%:	3/	3.3/	10/	235/: 80%
RBSC2:Ridgway	8.3	7.9	5.7	4.1	91%:	/	/	/	85/: 84%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 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)
*	Jan 2011	29	1	55	0	55	6482.87	183
H	Feb 2011	26	1	50	0	50	6478.35	158
I	Mar 2011	36	1	58	0	58	6473.74	136
S	Apr 2011	92	1	84	15	100	6471.99	128
T	May 2011	161	1	89	79	168	6470.20	120
O	Jun 2011	429	1	87	283	370	6481.96	178
R	Jul 2011	539	2	110	313	424	6498.87	290
I	Aug 2011	118	2	88	1	89	6502.38	317
C	Sep 2011	49	2	66	0	66	6499.90	298
	WY 2011	**1581**	**14**	**801**	**747**	**1549**		
A	Oct 2011	50	1	56	18	74	6496.55	273
L	Nov 2011	46	1	22	49	71	6492.84	247
*	Dec 2011	35	1	74	0	74	6486.86	207
	Jan 2012	32	1	74	0	74	6479.73	165
	Feb 2012	30	0	67	0	67	6472.08	128
	Mar 2012	45	0	72	0	72	6465.50	101
	Apr 2012	70	1	65	0	65	6466.53	105
	May 2012	120	1	68	0	68	6477.97	156
	Jun 2012	235	2	90	0	90	6500.03	299
	Jul 2012	125	3	78	0	78	6505.71	343
	Aug 2012	61	2	71	0	71	6504.25	332
	Sep 2012	41	2	69	0	69	6500.44	302
	WY 2012	**891**	**15**	**805**	**67**	**872**		
	Oct 2012	49	1	71	0	71	6497.22	278
	Nov 2012	42	1	69	0	69	6493.34	251
	Dec 2012	32	1	71	0	71	6487.33	211
	Jan 2013	30	1	71	0	71	6480.40	169
	Feb 2013	28	0	64	0	64	6472.90	132
	Mar 2013	53	0	71	0	71	6468.45	113
	Apr 2013	85	1	83	0	83	6468.94	115
	May 2013	164	1	98	6	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	88	0	88	6504.05	330
	Sep 2013	46	2	69	0	69	6500.83	305
	WY 2013	**1082**	**15**	**960**	**104**	**1064**		
	Oct 2013	49	1	71	0	71	6497.71	282
	Nov 2013	42	1	68	0	68	6493.94	255
	Dec 2013	32	1	71	0	71	6488.05	215

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

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January 2012 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 2011	44	70	2	68	0	68	125	6023.69	3112	525
H	Feb 2011	36	60	2	67	0	67	125	6023.47	3104	489
I	Mar 2011	98	120	3	59	0	59	127	6024.99	3160	181
S	Apr 2011	159	166	5	172	0	172	127	6024.71	3150	472
T	May 2011	327	334	8	279	47	326	127	6024.73	3150	1108
O	Jun 2011	667	608	10	254	173	427	133	6029.11	3315	1570
R	Jul 2011	771	656	14	263	94	357	144	6036.07	3590	908
I	Aug 2011	144	115	13	148	0	148	142	6034.95	3544	243
C	Sep 2011	58	76	11	144	0	144	139	6033.03	3467	200
	WY 2011	**2414**	**2381**	**80**	**1661**	**314**	**1975**				**6029**
A	Oct 2011	74	97	7	120	0	121	138	6032.27	3437	187
L	Nov 2011	64	89	4	88	0	88	138	6032.21	3435	144
*	Dec 2011	38	77	2	108	0	108	137	6031.41	3404	150
	Jan 2012	42	84	2	148	0	148	134	6029.78	3341	148
	Feb 2012	42	79	2	138	0	138	132	6028.23	3281	138
	Mar 2012	68	95	3	122	0	122	131	6027.46	3252	122
	Apr 2012	105	100	5	118	0	118	130	6026.90	3231	118
	May 2012	175	123	8	161	0	161	128	6025.71	3186	161
	Jun 2012	325	180	10	197	0	197	127	6025.01	3161	197
	Jul 2012	155	108	13	80	0	80	128	6025.40	3175	80
	Aug 2012	73	82	12	80	0	80	127	6025.15	3166	80
	Sep 2012	50	78	11	77	0	77	127	6024.88	3156	77
	WY 2012	**1211**	**1192**	**79**	**1437**	**1**	**1437**				**1601**
	Oct 2012	59	82	7	80	0	80	127	6024.74	3151	80
	Nov 2012	51	78	3	77	0	77	127	6024.67	3148	77
	Dec 2012	35	74	2	80	0	80	126	6024.48	3141	80
	Jan 2013	40	81	2	80	0	80	126	6024.47	3141	80
	Feb 2013	45	81	2	72	0	72	127	6024.66	3147	72
	Mar 2013	102	121	3	80	0	80	128	6025.65	3184	80
	Apr 2013	134	131	5	77	0	77	130	6026.90	3231	77
	May 2013	245	185	8	119	0	119	132	6028.38	3287	119
	Jun 2013	390	262	10	205	0	205	134	6029.54	3331	205
	Jul 2013	210	163	14	98	0	98	136	6030.80	3380	98
	Aug 2013	89	100	13	98	0	98	135	6030.52	3369	98
	Sep 2013	55	78	11	95	0	95	134	6029.82	3342	95
	WY 2013	**1455**	**1437**	**80**	**1163**	**0**	**1163**				**1163**
	Oct 2013	59	81	7	98	0	98	133	6029.20	3318	98
	Nov 2013	51	77	3	95	0	95	133	6028.67	3298	95
	Dec 2013	35	74	2	98	0	98	132	6027.99	3272	98

* 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 2011	5	5	9312.70	74
H	Feb 2011	4	4	9312.51	74
I	Mar 2011	5	6	9311.89	73
S	Apr 2011	7	8	9311.44	72
T	May 2011	22	33	9304.21	61
O	Jun 2011	65	28	9326.09	98
R	Jul 2011	37	39	9325.07	96
I	Aug 2011	12	24	9318.44	84
C	Sep 2011	7	20	9310.68	71
	WY 2011	**179**	**181**		
A	Oct 2011	7	9	9309.52	69
L	Nov 2011	5	6	9309.15	69
*	Dec 2011	4	6	9307.93	67
	Jan 2012	4	6	9306.49	64
	Feb 2012	4	6	9304.81	62
	Mar 2012	4	6	9303.43	60
	Apr 2012	7	8	9302.73	59
	May 2012	23	16	9307.47	66
	Jun 2012	31	20	9314.31	77
	Jul 2012	11	20	9308.77	68
	Aug 2012	7	20	9299.99	55
	Sep 2012	6	16	9292.27	45
	WY 2012	**113**	**139**		
	Oct 2012	7	10	9289.31	42
	Nov 2012	5	6	9288.49	41
	Dec 2012	5	6	9287.24	40
	Jan 2013	4	6	9285.64	38
	Feb 2013	4	6	9283.63	36
	Mar 2013	4	6	9281.99	35
	Apr 2013	9	8	9282.79	35
	May 2013	28	16	9294.19	48
	Jun 2013	42	20	9309.69	69
	Jul 2013	20	20	9309.78	70
	Aug 2013	10	20	9303.35	60
	Sep 2013	7	16	9297.02	51
	WY 2013	**146**	**140**		
	Oct 2013	7	10	9294.35	48
	Nov 2013	5	6	9293.61	47
	Dec 2013	5	6	9292.50	46

* 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 2011	23	23	0	27	0	27	7486.34	553
H	Feb 2011	21	21	0	43	0	43	7483.46	532
I	Mar 2011	38	39	0	75	0	75	7478.48	495
S	Apr 2011	77	78	1	95	0	95	7475.97	477
T	May 2011	168	179	1	162	0	162	7478.26	493
O	Jun 2011	425	389	1	127	19	146	7508.73	735
R	Jul 2011	222	222	2	150	0	150	7516.80	806
I	Aug 2011	67	79	1	123	0	123	7511.67	760
C	Sep 2011	35	48	1	108	0	108	7504.54	699
	WY 2011	**1162**	**1163**	**8**	**1046**	**19**	**1065**		
A	Oct 2011	36	38	1	93	0	93	7497.84	644
L	Nov 2011	29	29	0	37	0	37	7496.82	635
*	Dec 2011	24	26	0	87	0	87	7489.07	574
	Jan 2012	24	26	0	50	0	50	7485.94	550
	Feb 2012	21	24	0	29	0	29	7485.18	544
	Mar 2012	30	32	0	34	0	34	7484.86	542
	Apr 2012	63	64	1	46	0	46	7487.14	559
	May 2012	147	140	1	80	0	80	7494.68	618
	Jun 2012	176	165	1	62	0	62	7506.99	720
	Jul 2012	64	73	1	100	0	100	7503.62	691
	Aug 2012	44	57	1	98	0	98	7498.55	649
	Sep 2012	32	42	1	78	0	78	7493.97	613
	WY 2012	**690**	**716**	**8**	**794**	**0**	**794**		
	Oct 2012	38	42	1	52	0	52	7492.59	602
	Nov 2012	31	32	0	29	0	29	7492.94	604
	Dec 2012	26	27	0	50	0	50	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	76	1	54	0	54	7483.27	530
	May 2013	221	209	1	107	0	107	7496.24	631
	Jun 2013	261	239	1	70	0	70	7515.98	799
	Jul 2013	117	117	2	111	0	111	7516.40	803
	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**	**949**	**9**	**868**	**0**	**868**		
	Oct 2013	38	42	1	70	0	70	7499.37	656
	Nov 2013	31	32	0	40	0	40	7498.37	648
	Dec 2013	26	27	0	93	0	93	7490.00	581

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

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RECLAMATION
Managing Water in the West

January 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)
*	Jan 2011	23	27	0	27	27	0	27	7153.70	112
H	Feb 2011	21	43	0	43	44	0	44	7152.08	111
I	Mar 2011	38	75	1	75	73	0	73	7154.37	113
S	Apr 2011	84	95	7	102	104	0	104	7152.20	111
T	May 2011	191	162	23	185	181	0	181	7156.18	114
O	Jun 2011	455	146	30	176	170	0	176	7155.72	114
R	Jul 2011	231	150	9	159	159	0	159	7155.22	113
I	Aug 2011	68	123	1	125	124	0	124	7155.77	114
C	Sep 2011	36	108	1	109	115	0	115	7148.00	108
	WY 2011	**1236**	**1065**	**74**	**1139**	**1133**	**0**	**1139**		
A	Oct 2011	37	93	1	94	91	0	91	7151.08	110
L	Nov 2011	30	37	2	39	38	0	38	7151.73	110
*	Dec 2011	25	87	0	88	85	0	85	7154.97	113
	Jan 2012	25	50	1	51	52	0	52	7153.73	112
	Feb 2012	23	29	2	31	31	0	31	7153.73	112
	Mar 2012	33	34	3	37	37	0	37	7153.73	112
	Apr 2012	73	46	10	56	56	0	56	7153.73	112
	May 2012	164	80	17	97	97	0	97	7153.73	112
	Jun 2012	193	62	17	79	79	0	79	7153.73	112
	Jul 2012	70	100	6	106	106	0	106	7153.73	112
	Aug 2012	48	98	3	101	101	0	101	7153.73	112
	Sep 2012	35	78	3	81	81	0	81	7153.73	112
	WY 2012	**755**	**794**	**65**	**859**	**854**	**0**	**854**		
	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	50	2	52	52	0	52	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	54	11	65	65	0	65	7153.73	112
	May 2013	247	107	26	133	133	0	133	7153.73	112
	Jun 2013	281	70	20	90	90	0	90	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**	**868**	**85**	**953**	**953**	**0**	**953**		
	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

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

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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 2011	27	27	4	31	30	1	31	6749.02	16	1	30
H	Feb 2011	24	44	3	47	24	23	46	6751.55	17	1	47
I	Mar 2011	43	73	5	78	78	0	78	6751.94	17	5	76
S	Apr 2011	92	104	8	112	110	2	112	6752.03	17	38	79
T	May 2011	204	181	13	195	126	68	194	6753.39	17	63	137
O	Jun 2011	516	176	61	237	120	81	237	6752.90	17	62	183
R	Jul 2011	255	159	23	182	128	58	186	6739.47	13	62	136
I	Aug 2011	75	124	7	131	126	2	129	6748.39	16	66	70
C	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**
A	Oct 2011	41	91	4	96	94	0	94	6749.65	16	53	44
L	Nov 2011	34	38	4	42	41	1	41	6751.53	17	1	41
*	Dec 2011	28	85	3	88	89	0	89	6750.95	16	1	90
	Jan 2012	28	52	3	55	54	0	54	6753.04	17	0	54
	Feb 2012	27	31	4	35	35	0	35	6753.04	17	0	35
	Mar 2012	38	37	5	42	42	0	42	6753.04	17	5	37
	Apr 2012	83	56	10	66	66	0	66	6753.04	17	30	36
	May 2012	187	97	23	120	120	0	120	6753.04	17	55	65
	Jun 2012	210	79	17	96	96	0	96	6753.04	17	60	36
	Jul 2012	75	106	5	111	111	0	111	6753.04	17	65	46
	Aug 2012	52	101	5	106	106	0	106	6753.04	17	65	41
	Sep 2012	40	81	5	85	85	0	85	6753.04	17	55	30
	WY 2012	**843**	**854**	**88**	**942**	**939**	**1**	**940**			**389**	**556**
	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	52	5	57	57	0	57	6753.04	17	0	57
	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	65	12	78	78	0	78	6753.04	17	30	48
	May 2013	281	133	34	167	134	33	167	6753.04	17	55	112
	Jun 2013	315	90	34	124	124	0	124	6753.04	17	60	64
	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**	**953**	**140**	**1093**	**1060**	**33**	**1093**			**365**	**728**
	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

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Managing Water in the West

January 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)
*	Jan 2011	5	2	7642.53	70
H	Feb 2011	4	2	7643.62	72
I	Mar 2011	7	2	7645.67	77
S	Apr 2011	22	4	7653.10	95
T	May 2011	44	27	7659.70	111
O	Jun 2011	79	64	7664.94	125
R	Jul 2011	23	39	7658.78	109
I	Aug 2011	9	37	7647.29	81
C	Sep 2011	8	29	7637.58	59
	WY 2011	**225**	**222**		
A	Oct 2011	15	9	7640.42	65
L	Nov 2011	9	2	7643.33	72
*	Dec 2011	5	2	7644.76	75
	Jan 2012	5	3	7645.27	76
	Feb 2012	4	3	7645.68	77
	Mar 2012	7	3	7647.38	81
	Apr 2012	23	3	7655.48	100
	May 2012	66	47	7662.65	119
	Jun 2012	67	60	7664.96	125
	Jul 2012	24	42	7658.08	107
	Aug 2012	18	38	7649.74	86
	Sep 2012	16	30	7643.93	73
	WY 2012	**258**	**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	7647.50	81
	WY 2013	**281**	**269**		
	Oct 2013	16	19	7646.03	78
	Nov 2013	9	8	7646.39	78
	Dec 2013	6	3	7647.67	81

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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 2011	16	0	13	1	1	31	6059.58	1342	50
H	Feb 2011	18	0	15	1	1	28	6058.41	1328	45
I	Mar 2011	41	2	35	2	4	31	6058.28	1326	46
S	Apr 2011	115	14	84	2	19	31	6060.75	1357	44
T	May 2011	172	22	134	4	28	32	6066.13	1428	79
O	Jun 2011	252	43	193	4	42	113	6068.65	1462	295
R	Jul 2011	40	8	46	5	48	31	6065.88	1424	98
I	Aug 2011	3	2	29	4	47	46	6060.64	1356	47
C	Sep 2011	15	2	35	3	20	40	6058.35	1327	
	WY 2011	**737**	**93**	**641**	**28**	**220**	**478**			**838**
A	Oct 2011	54	4	44	2	10	33	6058.32	1327	55
L	Nov 2011	31	1	23	1	0	21	6058.38	1327	47
*	Dec 2011	19	0	16	1	1	30	6057.10	1311	57
	Jan 2012	19	0	18	1	0	31	6056.00	1298	31
	Feb 2012	24	0	23	1	0	29	6055.47	1291	29
	Mar 2012	57	2	51	2	2	31	6056.86	1308	31
	Apr 2012	144	16	108	2	17	30	6061.57	1368	30
	May 2012	248	37	192	4	31	48	6069.77	1477	48
	Jun 2012	199	27	165	5	46	92	6071.38	1500	92
	Jul 2012	59	4	72	5	51	32	6070.30	1485	32
	Aug 2012	42	0	62	4	43	57	6067.20	1442	57
	Sep 2012	42	0	55	3	24	42	6066.09	1427	42
	WY 2012	**937**	**91**	**830**	**29**	**225**	**476**			**550**
	Oct 2012	47	0	48	2	6	34	6066.53	1433	34
	Nov 2012	34	0	29	1	0	30	6066.43	1432	30
	Dec 2012	25	0	24	1	0	31	6065.85	1424	31
	Jan 2013	22	0	21	1	0	31	6065.11	1414	31
	Feb 2013	30	0	30	1	0	28	6065.20	1415	28
	Mar 2013	92	3	84	2	2	31	6068.89	1465	31
	Apr 2013	170	15	135	3	17	34	6074.71	1547	34
	May 2013	277	37	223	4	32	200	6073.79	1534	200
	Jun 2013	224	31	185	5	47	212	6068.15	1455	212
	Jul 2013	66	6	73	5	52	35	6066.75	1436	35
	Aug 2013	45	2	61	4	44	43	6064.51	1406	43
	Sep 2013	43	0	55	3	25	35	6063.89	1398	35
	WY 2013	**1075**	**95**	**969**	**29**	**225**	**744**			**744**
	Oct 2013	47	1	49	2	6	33	6064.48	1406	33
	Nov 2013	34	1	32	1	0	30	6064.56	1407	30
	Dec 2013	25	0	22	1	0	31	6063.84	1397	31

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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 2011	259	307	9	997	0	997	3620.55	5159	13822	1015
H	Feb 2011	280	340	10	964	0	964	3614.95	5112	13235	984
I	Mar 2011	581	583	16	1033	0	1033	3610.73	5078	12804	1055
S	Apr 2011	1136	1096	25	940	0	940	3611.93	5088	12926	965
T	May 2011	2440	2467	30	1171	0	1171	3623.13	5182	14098	1207
O	Jun 2011	5203	4661	54	1377	0	1377	3648.98	5421	17089	1419
R	Jul 2011	3767	3195	74	1483	0	1483	3660.86	5542	18605	1532
I	Aug 2011	664	780	74	1479	0	1479	3655.34	5485	17890	1530
C	Sep 2011	456	669	67	922	0	922	3653.01	5461	17593	957
	WY 2011	**15971**	**15498**	**467**	**12518**	**0**	**12518**				**12856**
A	Oct 2011	513	630	45	956	0	956	3650.27	5434	17249	984
L	Nov 2011	509	533	43	1099	0	1099	3645.69	5389	16685	1124
*	Dec 2011	359	487	33	1223	0	1223	3639.74	5331	15972	1252
	Jan 2012	375	519	10	850	0	850	3637.04	5306	15656	850
	Feb 2012	410	519	11	650	0	650	3635.90	5296	15525	650
	Mar 2012	575	611	19	600	0	600	3635.84	5295	15517	600
	Apr 2012	800	714	30	600	0	600	3636.51	5301	15595	600
	May 2012	1550	1337	36	600	0	600	3642.03	5353	16244	600
	Jun 2012	1960	1684	57	719	0	719	3648.94	5420	17084	719
	Jul 2012	740	729	70	890	0	890	3647.21	5403	16871	890
	Aug 2012	393	512	68	800	0	800	3644.50	5377	16541	800
	Sep 2012	364	462	62	476	0	476	3643.92	5371	16470	476
	WY 2012	**8547**	**8735**	**484**	**9464**	**0**	**9464**				**9544**
	Oct 2012	512	541	43	491	0	491	3643.97	5372	16476	491
	Nov 2012	473	494	41	600	0	600	3642.83	5361	16339	600
	Dec 2012	363	437	33	800	0	800	3639.75	5332	15973	800
	Jan 2013	361	446	10	800	0	800	3636.87	5305	15636	800
	Feb 2013	393	451	11	600	0	600	3635.59	5293	15488	600
	Mar 2013	665	594	19	600	0	600	3635.39	5291	15465	600
	Apr 2013	1056	871	29	800	0	800	3635.72	5294	15504	800
	May 2013	2343	2095	36	840	0	840	3645.26	5384	16633	840
	Jun 2013	2666	2358	59	1070	0	1070	3654.41	5475	17771	1070
	Jul 2013	1091	1000	72	1200	0	1200	3652.42	5455	17519	1200
	Aug 2013	500	612	70	1079	0	1079	3648.43	5415	17022	1079
	Sep 2013	408	541	64	800	0	800	3646.00	5391	16723	800
	WY 2013	**10831**	**10440**	**488**	**9680**	**0**	**9680**				**9680**
	Oct 2013	512	577	44	600	0	600	3645.49	5387	16661	600
	Nov 2013	473	523	42	600	0	600	3644.58	5378	16550	600
	Dec 2013	363	500	33	800	0	800	3642.01	5353	16242	800

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Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jan 2011	997	74	31	540	8.8	8	526	700	1091.73	10765
H	Feb 2011	964	84	29	635	11.4	9	616	723	1095.78	11117
I	Mar 2011	1033	77	33	1006	16.4	15	1002	726	1096.39	11170
S	Apr 2011	940	140	40	1078	18.1	20	1066	722	1095.76	11115
T	May 2011	1171	104	47	1001	16.3	25	997	735	1097.90	11304
O	Jun 2011	1377	72	57	939	15.8	25	938	761	1102.38	11705
R	Jul 2011	1483	74	73	1001	16.3	26	1000	789	1107.07	12133
I	Aug 2011	1479	96	80	831	13.5	28	829	827	1113.45	12730
C	Sep 2011	922	96	67	670	11.3	18	668	844	1116.04	12977
	WY 2011	**12518**	**1157**	**578**	**9799**		**225**	**9676**			
A	Oct 2011	956	65	49	443	7.2	19	436	875	1121.00	13456
L	Nov 2011	1099	36	50	564	9.5	13	561	906	1125.82	13933
*	Dec 2011	1223	84	45	497	8.1	8	483	952	1132.83	14644
	Jan 2012	850	76	37	703	11.4	16	703	962	1134.38	15043
	Feb 2012	650	92	34	688	12.0	15	688	963	1134.43	15048
	Mar 2012	600	80	38	947	15.4	18	947	943	1131.47	14744
	Apr 2012	600	60	46	1121	18.8	16	1121	911	1126.60	14252
	May 2012	600	49	52	1024	16.7	27	1024	883	1122.29	13825
	Jun 2012	719	23	62	941	15.8	24	941	866	1119.55	13557
	Jul 2012	890	50	78	870	14.1	28	870	864	1119.21	13525
	Aug 2012	800	109	82	814	13.2	28	814	863	1119.05	13509
	Sep 2012	476	70	68	729	12.3	18	729	846	1116.43	13256
	WY 2012	**9464**	**792**	**643**	**9342**		**229**	**9318**			
	Oct 2012	491	59	49	498	8.1	21	498	845	1116.26	13240
	Nov 2012	600	48	49	538	9.0	18	538	848	1116.67	13279
	Dec 2012	800	99	43	498	8.1	15	498	869	1120.00	13602
	Jan 2013	800	76	35	696	11.3	16	696	876	1121.24	13722
	Feb 2013	600	92	32	702	12.6	15	702	873	1120.69	13668
	Mar 2013	600	80	36	1040	16.9	21	1040	847	1116.64	13277
	Apr 2013	800	60	44	1128	19.0	17	1128	827	1113.40	12968
	May 2013	840	49	50	1018	16.6	28	1018	812	1110.95	12736
	Jun 2013	1070	23	60	945	15.9	23	945	817	1111.65	12802
	Jul 2013	1200	50	76	936	15.2	25	936	830	1113.77	13003
	Aug 2013	1079	109	81	845	13.7	27	845	844	1116.08	13222
	Sep 2013	800	70	67	673	11.3	19	673	851	1117.15	13326
	WY 2013	**9680**	**815**	**622**	**9518**		**246**	**9518**			
	Oct 2013	600	59	49	454	7.4	23	454	859	1118.45	13451
	Nov 2013	600	48	49	546	9.2	22	546	861	1118.75	13480
	Dec 2013	800	99	43	480	7.8	18	480	883	1122.20	13817

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

Model Run ID: 2115

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 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)
*	Jan 2011	540	-7	10	502	0	502	8.2	641.95	1670
H	Feb 2011	635	-10	10	586	0	586	10.5	643.01	1699
I	Mar 2011	1006	-11	13	976	0	976	15.9	643.23	1705
S	Apr 2011	1078	-13	17	1047	0	1047	17.6	643.30	1707
T	May 2011	1001	-10	22	949	0	949	15.4	644.04	1727
O	Jun 2011	939	-9	25	954	0	954	16.0	642.27	1679
R	Jul 2011	1001	-10	25	943	0	943	15.3	643.11	1702
I	Aug 2011	831	-6	23	822	0	822	13.4	642.38	1682
C	Sep 2011	670	-6	18	717	0	717	12.1	639.73	1610
	WY 2011	**9799**	**-120**	**198**	**9446**	**0**	**9446**			
A	Oct 2011	443	7	15	611	0	611	9.9	633.03	1435
L	Nov 2011	564	-11	10	466	0	466	7.8	635.99	1511
*	Dec 2011	497	-28	9	385	0	385	6.3	638.82	1586
	Jan 2012	703	-17	10	605	0	605	9.8	641.50	1658
	Feb 2012	688	-6	10	659	0	659	11.5	642.00	1671
	Mar 2012	947	-15	13	890	0	890	14.5	643.05	1700
	Apr 2012	1121	-15	17	1091	0	1091	18.3	643.00	1699
	May 2012	1024	-10	22	992	0	992	16.1	643.00	1699
	Jun 2012	941	-6	25	937	0	937	15.7	642.00	1671
	Jul 2012	870	1	25	859	0	859	14.0	641.50	1658
	Aug 2012	814	-5	23	787	0	787	12.8	641.50	1658
	Sep 2012	729	1	18	806	0	806	13.5	638.00	1564
	WY 2012	**9342**	**-103**	**197**	**9088**	**0**	**9088**			
	Oct 2012	498	3	14	680	0	680	11.1	630.49	1371
	Nov 2012	538	-10	10	404	0	404	6.8	635.00	1486
	Dec 2012	498	-13	9	379	0	379	6.2	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	**9518**	**-91**	**196**	**9230**	**0**	**9230**			
	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

* 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 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)
*	Jan 2011	502	8	6	391	6.4	52	89	446.40	550	141	2.3
H	Feb 2011	586	15	8	415	7.5	23	135	447.29	567	173	3.1
I	Mar 2011	976	6	9	694	11.3	71	181	448.06	581	199	3.2
S	Apr 2011	1047	18	11	786	13.2	71	180	448.54	590	204	3.4
T	May 2011	949	17	13	691	11.2	83	167	448.68	593	115	1.9
O	Jun 2011	954	14	15	708	11.9	96	155	447.73	575	120	2.0
R	Jul 2011	943	34	17	762	12.4	100	77	448.22	584	127	2.1
I	Aug 2011	822	25	17	669	10.9	91	60	448.13	583	97	1.6
C	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**	
A	Oct 2011	611	31	12	472	7.7	8	149	447.97	579	62	1.0
L	Nov 2011	466	37	9	321	5.4	7	175	447.32	567	93	1.6
*	Dec 2011	385	28	6	267	4.3	15	151	445.69	537	108	1.7
	Jan 2012	605	15	6	349	5.7	53	183	447.00	561	130	2.1
	Feb 2012	659	6	8	455	7.9	49	138	447.50	571	158	2.8
	Mar 2012	890	22	9	685	11.1	20	184	447.80	576	187	3.0
	Apr 2012	1091	18	11	798	13.4	96	178	448.70	593	205	3.5
	May 2012	992	13	13	698	11.4	99	183	448.70	593	112	1.8
	Jun 2012	937	9	16	678	11.4	96	143	448.70	593	114	1.9
	Jul 2012	859	15	17	734	11.9	99	23	448.00	580	115	1.9
	Aug 2012	787	18	17	643	10.5	99	42	447.50	571	105	1.7
	Sep 2012	806	15	15	560	9.4	96	154	446.81	557	102	1.7
	WY 2012	**9088**	**229**	**140**	**6661**		**738**	**1703**			**1491**	
	Oct 2012	680	20	12	440	7.2	66	184	446.31	548	64	1.0
	Nov 2012	404	26	8	375	6.3	13	23	446.50	552	102	1.7
	Dec 2012	379	21	6	272	4.4	13	103	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	**9230**	**199**	**139**	**6670**		**903**	**1614**			**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

* 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 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
*	Jan 2011	540	8.8	1091.73	10765	463	446.84	1103.0	200.9	69	372.4
H	Feb 2011	635	11.4	1095.78	11117	353	447.78	1414.0	244.7	88	385.7
I	Mar 2011	1006	16.4	1096.39	11170	54	449.79	1232.0	398.2	75	395.8
S	Apr 2011	1078	18.1	1095.76	11115	-55	449.53	1157.0	430.9	70	399.6
T	May 2011	1001	16.3	1097.90	11304	189	452.71	1468.0	394.5	88	393.9
O	Jun 2011	939	15.8	1102.38	11705	401	457.87	1661.0	372.1	100	396.2
R	Jul 2011	1001	16.3	1107.07	12133	429	462.21	1698.0	403.2	100	402.6
I	Aug 2011	831	13.5	1113.45	12730	597	469.04	1721.0	338.8	100	407.7
C	Sep 2011	670	11.3	1116.04	12977	247	473.88	1757.0	272.0	100	406.1
	WY 2011	**9799**							**3848.4**		
A	Oct 2011		7.2	1121.00	13456	479	478.70	1311.0	178.9	74	
L	Nov 2011	564	9.5	1125.82	13933	477	481.61	1110.0	233.8	61	414.3
*	Dec 2011	497	8.1	1132.83	14644	711	488.04	1374.0	207.2	75	417.3
	Jan 2012	703	11.4	1134.38	15043	159	485.90	1146.0	305.3	61	434.1
	Feb 2012	688	12.0	1134.43	15048	5	484.96	1291.0	298.4	68	433.9
	Mar 2012	947	15.4	1131.47	14744	-304	482.20	1421.0	413.4	75	436.6
	Apr 2012	1121	18.8	1126.60	14252	-492	477.90	1433.0	493.1	76	439.7
	May 2012	1024	16.7	1122.29	13825	-427	472.75	1536.0	435.4	81	425.2
	Jun 2012	941	15.8	1119.55	13557	-268	467.47	1904.0	395.2	100	420.1
	Jul 2012	870	14.1	1119.21	13525	-33	466.42	1917.0	367.2	100	422.1
	Aug 2012	814	13.2	1119.05	13509	-16	466.34	1916.0	341.0	100	418.7
	Sep 2012	729	12.3	1116.43	13256	-253	466.10	1917.0	302.2	100	414.4
	WY 2012	**8899**							**3971.2**		
	Oct 2012	498	8.1	1116.26	13240	-16	467.82	1760.0	205.5	91	412.5
	Nov 2012	538	9.0	1116.67	13279	40	471.83	1505.0	220.9	78	410.3
	Dec 2012	498	8.1	1120.00	13602	322	471.01	1517.0	207.3	78	416.2
	Jan 2013	696	11.3	1121.24	13722	121	471.02	1528.0	290.3	78	417.2
	Feb 2013	702	12.6	1120.69	13668	-54	471.62	1310.0	300.1	67	427.5
	Mar 2013	1040	16.9	1116.64	13277	-391	467.28	1584.0	438.4	82	421.6
	Apr 2013	1128	19.0	1113.40	12968	-310	462.58	1694.0	477.1	88	422.8
	May 2013	1018	16.6	1110.95	12736	-231	458.45	1922.0	415.2	100	407.9
	Jun 2013	945	15.9	1111.65	12802	66	457.90	1922.0	389.8	100	412.6
	Jul 2013	936	15.2	1113.77	13003	201	459.80	1922.0	385.4	100	411.8
	Aug 2013	845	13.7	1116.08	13222	220	462.16	1922.0	352.8	100	417.4
	Sep 2013	673	11.3	1117.15	13326	103	464.98	1922.0	275.3	100	408.9
	WY 2013	**9518**							**3958.1**		
	Oct 2013	454	7.4	1118.45	13451	125	469.27	1750.0	185.2	91	408.1
	Nov 2013	546	9.2	1118.75	13480	29	473.14	1499.5	225.0	78	412.1
	Dec 2013	480	7.8	1122.20	13817	337	473.14	1499.8	199.5	78	415.5

* 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 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
*	Jan 2011	502	8.2	641.95	1670	20	140.42	153.0	63.3	60	125.9
H	Feb 2011	586	10.5	643.01	1699	29	139.78	181.1	73.6	71	125.6
I	Mar 2011	976	15.9	643.23	1705	6	138.82	204.0	123.0	80	126.0
S	Apr 2011	1047	17.6	643.30	1707	2	141.68	227.0	131.6	89	125.7
T	May 2011	949	15.4	644.04	1727	20	142.61	255.0	120.3	100	126.8
O	Jun 2011	954	16.0	642.27	1679	-48	140.41	249.9	120.6	98	126.4
R	Jul 2011	943	15.3	643.11	1702	23	143.18	255.0	119.3	100	126.5
I	Aug 2011	822	13.4	642.38	1682	-20	140.95	255.0	103.5	100	125.9
C	Sep 2011	717	12.1	639.73	1610	-72	137.99	255.0	90.2	100	125.8
	WY 2011	**9446**							**1182.3**		
A	Oct 2011	611	9.9	633.03	1435	-175	133.41	181.1	74.4	71	121.8
L	Nov 2011	466	7.8	635.99	1511	76	134.28	170.9	57.0	67	122.2
*	Dec 2011	385	6.3	638.82	1586	74	135.59	173.4	48.1	68	124.9
	Jan 2012	605	9.8	641.50	1658	72	135.60	170.9	75.3	67	124.5
	Feb 2012	659	11.5	642.00	1671	14	137.46	163.2	82.6	64	125.3
	Mar 2012	890	14.5	643.05	1700	29	135.89	242.3	111.3	95	125.0
	Apr 2012	1091	18.3	643.00	1699	-2	136.07	255.0	135.7	100	124.3
	May 2012	992	16.1	643.00	1699	0	136.04	255.0	123.9	100	124.9
	Jun 2012	937	15.7	642.00	1671	-27	135.51	255.0	116.7	100	124.6
	Jul 2012	859	14.0	641.50	1658	-14	134.73	255.0	106.9	100	124.5
	Aug 2012	787	12.8	641.50	1658	0	134.46	255.0	98.1	100	124.6
	Sep 2012	806	13.5	638.00	1564	-94	132.62	255.0	99.0	100	122.8
	WY 2012	**9088**							**1128.9**		
	Oct 2012	680	11.1	630.49	1371	-193	127.85	219.3	80.7	86	118.7
	Nov 2012	404	6.8	635.00	1486	115	125.53	244.8	48.1	96	119.0
	Dec 2012	379	6.2	638.71	1583	97	130.29	229.5	46.6	90	123.0
	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	92.3	100	123.1
	WY 2013	**9230**							**1141.8**		
	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

* 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 2012 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	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 2011	391	6.4	446.40	550	-32	80.10	97.2	26.8	81	68.6
H	Feb 2011	415	7.5	447.29	567	17	76.83	90.0	29.3	75	70.7
I	Mar 2011	694	11.3	448.06	581	15	80.18	112.8	47.4	94	68.4
S	Apr 2011	786	13.2	448.54	590	9	82.13	120.0	54.4	100	69.1
T	May 2011	691	11.2	448.68	593	3	80.58	120.0	47.9	100	69.3
O	Jun 2011	708	11.9	447.73	575	-18	81.68	114.0	49.9	95	70.4
R	Jul 2011	762	12.4	448.22	584	9	81.72	116.4	51.6	97	67.7
I	Aug 2011	669	10.9	448.13	583	-2	82.04	120.0	46.1	100	68.9
C	Sep 2011	538	9.0	448.28	585	3	82.16	120.0	39.4	100	73.2
	WY 2011	**6837**							**474.2**		
A	Oct 2011	472	7.7	447.97	579	-6	81.92	92.4	31.5	77	66.8
L	Nov 2011	321	5.4	447.32	567	-12	80.93	102.0	22.1	85	69.1
*	Dec 2011	267	4.3	445.69	537	-30	81.08	67.2	17.7	56	66.2
	Jan 2012	349	5.7	447.00	561	24	76.59	66.0	22.9	55	65.5
	Feb 2012	455	7.9	447.50	571	9	75.80	94.8	29.9	79	65.7
	Mar 2012	685	11.1	447.80	576	6	76.07	97.2	45.7	81	66.7
	Apr 2012	798	13.4	448.70	593	17	75.61	120.0	53.0	100	66.4
	May 2012	698	11.4	448.70	593	0	76.05	120.0	46.4	100	66.5
	Jun 2012	678	11.4	448.70	593	0	76.05	120.0	45.1	100	66.5
	Jul 2012	734	11.9	448.00	580	-13	75.71	120.0	48.7	100	66.3
	Aug 2012	643	10.5	447.50	571	-10	75.13	120.0	42.2	100	65.6
	Sep 2012	560	9.4	446.81	557	-13	74.55	120.0	36.4	100	64.9
	WY 2012	**6661**							**441.6**		
	Oct 2012	440	7.2	446.31	548	-9	74.77	102.0	28.4	85	64.6
	Nov 2012	375	6.3	446.50	552	3	74.62	102.0	24.0	85	64.1
	Dec 2012	272	4.4	446.50	552	0	74.71	102.0	17.0	85	62.7
	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	**6670**							**435.6**		
	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

* 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 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
*	Jan 2011	445	26	8	9	4	4
H	Feb 2011	425	26	12	15	4	3
I	Mar 2011	453	23	21	26	15	4
	Winter 2011	**2299**	**156**	**79**	**97**	**48**	**19**
S	Apr 2011	415	65	26	37	21	5
T	May 2011	520	105	44	66	23	5
O	Jun 2011	634	98	36	61	23	5
R	Jul 2011	708					
I	Aug 2011	706	60	39	44	22	8
C	Sep 2011	442	58	34	41	22	6
	Summer 2011	**3425**	**386**	**179**	**248**	**111**	**30**
A	Oct 2011	446	48	28	33	18	5
L	Nov 2011	508	34	11	13	7	2
*	Dec 2011	563	43	25	30	17	6
	Jan 2012	362	54	15	19	9	6
	Feb 2012	276	51	8	11	6	5
	Mar 2012	254	45	10	13	7	5
	Winter 2012	**2409**	**275**	**97**	**119**	**65**	**27**
	Apr 2012	254	43	13	20	11	4
	May 2012	256	59	24	35	21	5
	Jun 2012	310	72	19	28	17	7
	Jul 2012	386	29	31	38	19	7
	Aug 2012	345	29	30	37	18	7
	Sep 2012	205	28	23	29	15	6
	Summer 2012	**1756**	**260**	**140**	**187**	**101**	**37**
	Oct 2012	211	29	15	20	10	6
	Nov 2012	258	28	9	11	6	6
	Dec 2012	342	29	15	19	10	6
	Jan 2013	340	29	18	23	12	6
	Feb 2013	254	26	16	21	11	5
	Mar 2013	254	29	13	17	9	5
	Winter 2013	**1660**	**171**	**85**	**110**	**58**	**33**
	Apr 2013	339	28	16	23	13	5
	May 2013	359	44	32	48	23	7
	Jun 2013	465	75	22	32	21	9
	Jul 2013	525	36	35	42	23	10
	Aug 2013	470	36	38	45	23	8
	Sep 2013	346	35	35	42	21	6
	Summer 2013	**2504**	**254**	**177**	**233**	**125**	**45**
	Oct 2013	259	36	21	26	14	6
	Nov 2013	259	35	12	15	8	6
	Dec 2013	344	36	28	34	17	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 2012 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 2012	483	255	385	8350	9472	12494	21966	483	255	385	1123	8350	12494	21966	5350	703	0	38.5
Jan 2012	483	255	385	8350	9472	12494	21966	-51	124	338	410	8350	12494	21201	5350	703	0	38.5
Feb 2012	588	279	398	8666	9931	12334	22267	54	150	351	555	8666	12334	21503	1500	688	0	38.3
Mar 2012	685	285	405	8797	10172	12329	22502	150	158	357	665	8797	12329	21740	1500	947	0	37.9
Apr 2012	741	287	388	8805	10221	12633	22857	205	162	336	703	8805	12633	22091	1500	1121	0	37.6
May 2012	758	270	328	8727	10084	13125	23211	217	145	257	620	8727	13125	22421	1500	1024	0	38.0
Jun 2012	751	211	219	8078	9259	13552	22812	203	78	113	395	8078	13552	21973	1500	941	0	38.8
Jul 2012	634	110	196	7238	8178	13820	21989	75	-36	40	79	7238	13820	21076	1500	870	0	38.5
								****CREDITABLE SPACE****										
Aug 2012	576	138	211	7451	8376	13852	22221	576	138	211	925	7451	13852	22221	1500	814	0	38.1
Sep 2012	597	180	254	7781	8812	13868	22672	597	180	254	1030	7781	13868	22672	2270	729	0	37.5
Oct 2012	636	217	269	7852	8973	14121	23086	636	217	269	1122	7852	14121	23086	3040	498	0	37.3
Nov 2012	665	228	263	7846	9001	14137	23131	665	228	263	1156	7846	14137	23131	3810	538	0	37.3
Dec 2012	695	225	264	7983	9167	14098	23258	695	225	264	1184	7983	14098	23258	4580	498	0	37.2
Jan 2013	742	248	272	8349	9611	13775	23382	742	248	272	1262	8349	13775	23382	5350	696	0	37.0
								****EFFECTIVE SPACE****										
Jan 2013	742	248	272	8349	9611	13775	23382	433	248	181	862	8349	13775	23026	5350	696	0	37.0
Feb 2013	784	283	282	8686	10035	13655	23687	473	283	190	946	8686	13655	23328	1500	702	0	36.8
Mar 2013	815	314	281	8834	10244	13709	23950	501	314	188	1003	8834	13709	23588	1500	1040	0	36.4
Apr 2013	797	321	231	8857	10206	14100	24304	478	321	134	934	8857	14100	23933	1500	1128	0	36.4
May 2013	748	299	149	8818	10015	14409	24422	422	299	33	754	8818	14409	24025	1500	1018	0	37.5
Jun 2013	634	199	162	7689	8684	14641	23284	296	197	10	503	7689	14641	22839	1500	945	0	39.0
Jul 2013	464	31	241	6551	7287	14575	21816	112	6	37	155	6551	14575	21283	1500	936	0	39.0
								****CREDITABLE SPACE****										
Aug 2013	370	27	260	6803	7460	14374	21789	370	27	260	657	6803	14374	21789	1500	845	0	38.6
Sep 2013	395	77	290	7300	8062	14155	22172	395	77	290	761	7300	14155	22172	2270	673	0	38.1
Oct 2013	447	144	298	7599	8489	14051	22495	447	144	298	889	7599	14051	22495	3040	454	0	38.0
Nov 2013	494	173	290	7661	8619	13926	22500	494	173	290	957	7661	13926	22500	3810	546	0	37.9
Dec 2013	541	182	289	7772	8783	13897	22636	541	182	289	1012	7772	13897	22636	4580	480	0	37.9

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