

**Date: May 15, 2008**

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

**Current Status**

	April Inflow (unreg) (acre-feet)	Percent of Normal	Midnight May 14 Elevation	Reservoir Storage (acre-feet)
Fontenelle	53,000	57	6471.64	126,000
Flaming Gorge	79,000	51	6021.99	3,051,000
Blue Mesa	107,000	143	7467.78	421,000
Powell	1,003,000	102	3599.11	11,665,000
Navajo	242,000	143	6063.43	1,392,000

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**Expected Operations**

The operation of Lake Powell and Lake Mead in this 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). The Interim Guidelines are available for download at <http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf>

Based on the April 24 Month study and Section 6.B.3 of the Interim Guidelines, the operation of Glen Canyon Dam will be governed by Section 6.A (Equalization Tier) for the remainder of Water Year 2008. Under the Equalization Tier, it is likely that the annual release from Glen Canyon Dam for Water Year 2008 will be greater than 8.23 million acre-feet. The May 24 Month Study projects the annual release to be 8.95 million acre-feet; however, the projected annual release will be updated each month throughout the remainder of the Water Year to achieve the operation specified in Section 6.A.1 of the Interim Guidelines.

**FONTENELLE** - Releases from Fontenelle Reservoir are currently 700 cfs and the elevation is 6469.0 feet above sea level (about 37.0 feet from full pool). Inflows are averaging 1100 cfs so the reservoir elevation is slowly rising. Releases from Fontenelle Reservoir will likely be increased to power plant capacity (1300 cfs – 1500 cfs) in mid-May, once it is evident that the spring runoff has begun.

The water supply forecast for Fontenelle Reservoir inflow during the 2008 April through July spring runoff season has been issued by the Colorado Basin River Forecast Center. As of May

1st this forecast is projecting inflows to be 76% of normal (665,000 acre-feet). Based on this forecast, Fontenelle Reservoir will likely fill this year by late July. The projected reservoir elevation on August 1, 2008 is 6505.7 feet above sea level which is within 1 foot of the full pool elevation (6506 feet above sea level). It is likely that releases from Fontenelle Reservoir will exceed powerplant capacity (about 1500 cfs) later this spring to safely route the inflow to the reservoir.

Open forum discussions on Fontenelle operations take place at the "Fontenelle Reservoir Working Group" meetings. The Working Group is a forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. The public is encouraged to attend and express their concerns and interests with regard to Fontenelle Reservoir operation. The spring Working Group meeting was held on April 22, 2008. Notes from this meeting will be posted on the web later in May. The next Working Group meeting is scheduled for August 19, 2008 at 10:00 am at the Wyoming Department of Fish and Game in Green River Wyoming. For more information about the Fontenelle Working Group, contact Ed Vidmar at 801-379-1182.

**FLAMING GORGE** - Yampa River flows produced a short-lived peak of approximately 15,000 cfs on Saturday, May 10, 2008 and began decreasing significantly afterward. The Yampa River Basin has been experiencing below-average temperatures during the first part of May. Flaming Gorge releases will not be increased until the Yampa River Basin sees a significant, long-range warming trend, runoff is occurring and the Yampa River is close to its peak. Notice of any increase will be sent as soon as possible via email and will also be posted on the Reclamation website at the following URL:

<http://www.usbr.gov/uc/water/crsp/cs/fgd.html>

Reclamation has decided to implement an operation to achieve the spring flow proposal of the Flaming Gorge Technical Working Group. On April 16, 2008, Reclamation met with the Flaming Gorge Working Group and presented the spring flow proposal and accepted comments from the Flaming Gorge Working Group and the general public. Reclamation has considered the comments it has received and has decided to implement an operation to achieve the following:

1. Flaming Gorge releases will be scheduled to increase when the peak flows of the Yampa are forecasted to occur. The maximum release rate from Flaming Gorge Dam will be limited to powerplant capacity (approximately 4,200 cubic feet per second (cfs)).
2. Powerplant releases will be maintained for approximately 21 days. It is possible that with Flaming Gorge at powerplant capacity, flows at Jensen, Utah, will be at or above 18,600 cfs. If flows at Jensen, Utah, are at or above 18,600 cfs for at least 10 days, Reclamation will consider bypassing to achieve the 18,600 cfs target at Jensen, Utah for 14 days. This decision will be based on our knowledge of remaining snowpack in the Yampa River Basin and a Green River Forecast Model.

3. If bypass occurs, Flaming Gorge flows will be decreased if the snowpack and model indicate that achieving 18,600 cfs is no longer feasible. Once the combined flow of Flaming Gorge and the Yampa River are unable to maintain flows above 14,000 cfs, Flaming Gorge will releases will decline at a rate of 500 cfs per day.

Observed unregulated inflow into Flaming Gorge reservoir of 79,000 acre-feet (af) was well below the April forecasted volume of 149,000 af. The May water supply forecast for unregulated inflow to Flaming Gorge during the April through July period is 820,000 af (69 percent of average), down from the April forecasted volume of 890,000 af (75 percent of average). Cumulative precipitation in the Upper Green River Basins as of May 9, 2008, is 92 percent of average, while snowpack conditions are 94 percent of average. May 9, 2008 water surface elevation of Flaming Gorge is 6021.91 feet above sea level and rising.

The projected end of water year elevation of Flaming Gorge Reservoir is 6024.06 feet above sea level. Based on the hydrologic classification outlined in the Flaming Gorge Record of Decision and the May forecast of April through July unregulated inflow to Flaming Gorge, the hydrologic condition is average.

**ASPINALL** – April unregulated inflow into Blue Mesa Reservoir was 107,000 acre-feet or 143 percent of average. On May 7, 2008 the basin snowpack was 130 percent of average. Precipitation during April was 75 percent of average. The current inflow rate into Blue Mesa Reservoir is about 3,500 cfs while reservoir releases are averaging about 3,400 cfs. During the month of April, inflows were much above average as a result of low elevation snowmelt during the month. Currently the weather pattern has cooled off some what, but the mountain snowpack is still holding much above average. As a result the anticipated inflows into the Aspinall Unit reservoirs should see significant inflows as soon as the weather starts to warm. Blue Mesa's present elevation is 7465.69 feet, which corresponds to a storage content of about 407,000 acre-feet.

The latest Water Supply Forecast for Water Year 2007 has been issued and the April through July unregulated inflow is forecasted to be at 1,060,000 acre-feet (143% of normal), consistent with last month's forecast . Based on this forecast, Blue Mesa Reservoir is projected to fill this season with a spill from Crystal sometime during the runoff season.

Releases from Crystal are currently set at 4150 cfs. The Gunnison Diversion Tunnel started taking water for the new season on March 31, 2008. The current diversion rate in the tunnel is 900 cfs, which results in a river flow below the diversion tunnel of approximately 3,300 cfs. These rates will most likely change as conditions warrant, primarily as we respond to changes in the forecasted spring inflows.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, April 24, 2008 at 1:00 PM at Reclamation's Grand Junction Office. At this meeting, review of this winter's reservoir operations, and plans for this spring and summer operations will be discussed.

These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

**NAVAJO** – Due to decreasing inflow forecasts and after conferring with the US Fish and Wildlife Service, the release pattern and duration of the spring peak release has been modified.

In the last Navajo Release Notification (dated May 5, 2008), Reclamation announced it would begin ramping up the release from Navajo Reservoir beginning May 9, 2008. That scheduled change has been cancelled. Releases will continue at the present rate of 2,200 cubic feet per second (cfs) through the weekend of May 9th, 10th and 11th. The release will be decreased from 2,200 cfs to 1,000 cfs on Monday, May 12th. The release will remain at 1,000 cfs until Monday, May 19th, when it will be increased to 2,000 cfs. The release will remain at 2,000 cfs until Friday, May 23rd, when it will be increased to 3,000 cfs. The release will remain at 3,000 cfs through Monday, May 26th. On Tuesday, May 27th, releases will be increased to 4,000 cfs and the following day, Wednesday, May 28th, releases will be increased to 5,000 cfs. Beginning on Thursday, June 19th, the release will begin to be gradually decreased until it reaches 500 cfs on Wednesday, July 2nd.

At various times throughout the spring peak release, the release will be temporarily reduced in order to accommodate required inspections of the outlet works. These inspections are tentatively planned to occur on June 10th, and the week of June 23rd. Additional notices will be provided in advance of each of these inspections.

The snowpack as of May 6th for the upper San Juan River basin is averaging 117 percent. The Animas River basin snowpack currently stands at 104 percent of average. Unregulated inflow into Navajo Reservoir during the month of April was 242,000 acre-feet, or 143 percent of average. Currently, the daily reservoir inflow is averaging about 4,500 cfs while reservoir releases are set at 2200 cfs. NIIP started diversions on March 7th, which are currently set at 600 cfs. The reservoir water surface elevation is currently 66062.11 feet, which corresponds to a storage content of about 1,375,000 acre-feet

A public meeting on Navajo Reservoir operations was held on Thursday, April 24, 2008 at 1:00 p.m. in Farmington, New Mexico. Reservoir operations over last fall and winter were reviewed, and plans for next spring and summer 2008 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**

### **Operations**

The monthly release volume in May 2008 will likely be higher than in April 2008. A total monthly volume of 790,000 acre-feet is scheduled to be released in May 2008. Weekday releases will average about 12,850 cfs with afternoon peaks to about 15,000 cfs and off peak lows to about 9,000 cfs. Saturday and Sunday releases will average about 12,300 cfs with afternoon peaks to about 14,750 cfs and off peak lows to about 9,000 cfs.

Releases from Glen Canyon Dam for the remainder of water year 2008 will be governed by the Equalization Tier of the Interim Guidelines for the Operation of Lake Powell and Lake Mead (Interim Guidelines). Under the Equalization Tier, the water year annual release volume can be above 8.23 million acre-feet (maf). For the May 2008 24-Month Study, the controlling Equalization objective for water year 2008 is an end of water year Lake Mead elevation of 1105 feet above sea level. To achieve this objective, the water year annual release from Glen Canyon Dam is projected to be 8.954 maf with an equalization volume (volume in excess of 8.23 maf) projected to be 724 kaf. These projected values, as well as the monthly release volumes, for the remaining months of water year 2008 will be adjusted as conditions change.

### **Upper Colorado River Basin Hydrology**

Precipitation in the basin above Lake Powell was below normal in April as it was in March. The precipitation above Lake Powell in March was 60% of normal while in April the precipitation was only 65% of normal. The overall precipitation in the Upper Colorado River Basin for water year 2008 is 107% of normal. Temperature conditions in April were below normal which has preserved the snowpack conditions somewhat. As of May 6, 2008 the basin wide snowpack conditions were 102% of normal as compared to only 46% of normal on this date one year ago. Unregulated inflow to Lake Powell in April was 1,002,800 acre-feet (109% of normal) and for water year 2008 have been 3,586,200 acre-feet 95% of normal. Inflows to Lake Powell are increasing. Inflows to Lake Powell are averaging about 25,000 cfs as compared to an average of about 15,000 cfs just two weeks ago.

The April through July unregulated inflow forecast for Lake Powell was decreased from 9.7 maf (122% of normal) in April to 9.2 maf (116% of normal) for May. This reduction in the forecast has reduced the projected water surface elevations of Lake Powell for the summer months. The elevation of Lake Powell is now projected to peak in late July near 3636 feet above sea level (64 feet below the full pool elevation of 3700 feet above sea level) and is projected to end the water year near 3632.4 feet above sea level. The current (May 6, 2008) water surface elevation of Lake Powell is 3595.9 feet above sea level.

### **Upper Colorado River Basin Drought**

The Upper Colorado River Basin is experiencing a protracted multi-year drought. Since 1999, inflow to Lake Powell has been below average in every year except one.

In the summer of 1999, Lake Powell was essentially full with reservoir storage at 23.5 million acre-feet, or 97 percent of capacity. Inflow to Lake Powell in 1999 was 109 percent of average.

The manifestation of drought conditions in the Upper Colorado River Basin began in the fall months of 1999. A five year period of extreme drought occurred in water years 2000, 2001, 2002, 2003, and 2004 with unregulated inflow to Lake Powell only 62, 59, 25, 51, and 49 percent of average, respectively. Lake Powell storage decreased through this five-year period, with reservoir storage reaching a low of 8.0 million acre-feet (33 percent of capacity) on April 8, 2005.

Drought conditions eased in water year 2005 in the Upper Colorado River Basin. Precipitation was above average in 2005 and unregulated inflow to Lake Powell was 105 percent of average. Lake Powell increased by 2.77 million acre-feet (31 feet in elevation) during water year 2005. But as is often the case, one favorable year does not necessarily end a protracted drought. In 2006, there was a return to drier conditions in the Colorado River Basin. Unregulated inflow to Lake Powell in water year 2006 was only 71 percent of average.

Water year 2007 was another year of below average inflow with unregulated inflow into Lake Powell at 68 percent of average. Over the past 8 years (2000 through 2007, inclusive), inflow to Lake Powell has been below average in all but one year (2005). Drought conditions have eased again in water year 2008 with projected inflows to the main stem Colorado River reservoirs at or above normal. Reservoir storage in the Colorado River Basin, however, is still below desired levels with the overall Colorado River system storage (above Lake Mead) projected to be about 60% of capacity at the end of water year 2008.

Reservoir storage in Lake Powell and Lake Mead has decreased during the past 8 years but is projected to increase by the end of water year 2008. Current reservoir storage in Lake Powell is 46 percent of capacity. Storage in Lake Mead is 48 percent of capacity.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION  
WATER RESOURCES GROUP  
ATTENTION UC-280  
125 SOUTH STATE STREET, ROOM 6107  
SALT LAKE CITY, UT 84138-5571  
PHONE 801-524-5571

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SEASONAL RUNOFF PROJECTIONS AND INFLOW INFORMATION IN TO UPPER BASIN RESERVOIRS PROVIDED BY THE NATIONAL WEATHER SERVICES'S COLORADO BASIN RIVER FORECAST CENTER ARE AS FOLLOWS:

:			Obs		apr	Forecast		Outlook	
:	jan	feb	mar	apr	%Avg	may	jun	jul	apr-jul %Avg
GLDA3:Lake Powell	336	414	589	1003	102%:	3200/	3500/	1500/	9200/: 116%
GBRW4:Fontenelle	24	25	32	53	57%:	140/	290/	172/	655/: 76%
GRNU1:Flaming Gorge	24	33	59	79	51%:	220/	330/	188/	820/: 69%
BMDC2:Blue Mesa	33	31	36	107	143%:	318/	465/	170/	1060/: 147%
MPSC2:Morrow Point	29	26	34	109	126%:	351/	500/	200/	1160/: 148%
CLSC2:Crystal	34	30	41	124	123%:	401/	565/	220/	1310/: 143%
TPIC2:Taylor Park	4.8	4.1	3.9	7.3	87%:	40/	65/	28/	140/: 136%
VCRC2:Vallecito	6.4	5.8	11.1	33	160%:	90/	90/	27/	240/: 117%
NVRN5:Navajo	26	38	147	242	143%:	390/	320/	78/	1030/: 131%
LEMC2:Lemon	1.01	0.88	1.68	7.9	156%:	25/	25/	6.2/	64/: 110%
MPHC2:McPhee	5.0	4.7	23	102	171%:	164/	100/	30/	400/: 125%
RBSC2:Ridgway	4.5	3.9	6.7	13.1	131%:	/	/	/	130/: 127%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 5/2008 Most Prob Water Supply  
Fontenelle Reservoir

14-may-2008 09:31:00

	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 Elevation EOM Feet	Live Storage 1000 Ac-Ft
* May 2007	109	1	49	0	49	6483.80	189
H Jun 2007	89	2	48	0	48	6489.96	228
I Jul 2007	46	2	50	0	50	6489.09	222
S Aug 2007	35	2	50	0	50	6486.48	205
T Sep 2007	25	1	27	16	43	6483.42	186
WY 2007	578	14	602	16	618		
O Oct 2007	33	1	37	6	44	6481.38	175
R Nov 2007	32	1	41	2	42	6479.48	164
I Dec 2007	27	1	43	0	44	6476.19	147
C Jan 2008	24	0	43	0	43	6472.00	128
A Feb 2008	25	0	40	1	41	6468.13	111
L Mar 2008	32	0	43	0	43	6465.20	100
* Apr 2008	53	1	42	0	42	6467.95	111
May 2008	140	1	64	0	64	6483.23	185
Jun 2008	290	2	103	70	173	6500.20	300
Jul 2008	172	3	101	25	126	6505.76	344
Aug 2008	79	2	85	0	85	6504.70	335
Sep 2008	47	2	58	19	77	6500.61	304
WY 2008	955	14	700	123	823		
Oct 2008	49	1	80	0	80	6496.19	271
Nov 2008	41	1	67	0	67	6492.44	244
Dec 2008	32	1	69	0	69	6486.74	207
Jan 2009	30	1	69	0	69	6480.05	167
Feb 2009	27	0	62	0	62	6472.82	131
Mar 2009	51	0	69	0	69	6468.63	113
Apr 2009	89	1	86	0	86	6469.09	115
May 2009	176	1	98	17	115	6481.47	175
Jun 2009	308	2	103	76	179	6500.44	302
Jul 2009	186	3	100	41	142	6505.76	344
Aug 2009	83	2	99	0	99	6503.40	325
Sep 2009	49	2	59	13	71	6500.21	300
WY 2009	1120	15	961	147	1108		
Oct 2009	49	1	74	0	74	6496.62	274
Nov 2009	41	1	71	0	71	6492.19	243
Dec 2009	32	1	74	0	74	6485.71	200
Jan 2010	30	1	66	0	66	6479.39	164
Feb 2010	27	0	59	0	59	6472.66	131
Mar 2010	51	0	66	0	66	6469.20	116
Apr 2010	89	1	89	0	89	6468.94	115



OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 5/2008 Most Prob Water Supply  
Flaming Gorge Reservoir

14-may-2008 09:31:00

	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	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
* May 2007	164	106	8	138	0	138	89	6024.67	3148	0	525
H Jun 2007	90	49	10	69	0	69	88	6023.89	3119	0	227
I Jul 2007	42	45	13	55	0	55	87	6023.31	3098	0	81
S Aug 2007	32	46	12	51	0	51	86	6022.87	3082	0	66
T Sep 2007	23	40	10	49	0	49	85	6022.35	3063	0	72
WY 2007	744	784	77	777	0	777					2764
O Oct 2007	35	46	7	49	1	50	85	6022.07	3053	0	95
R Nov 2007	33	42	3	49	0	49	85	6021.81	3044	0	83
I Dec 2007	21	37	2	41	9	50	84	6021.40	3029	0	83
C Jan 2008	24	43	2	50	0	50	84	6021.15	3020	0	0
A Feb 2008	33	49	2	47	0	47	84	6021.15	3020	0	327
L Mar 2008	59	70	3	50	0	50	84	6021.55	3035	0	141
* Apr 2008	79	69	5	53	0	53	85	6021.85	3045	0	231
May 2008	220	144	7	192	0	192	83	6020.35	2992	0	192
Jun 2008	330	213	10	103	0	103	86	6023.05	3089	0	103
Jul 2008	188	142	13	80	0	80	88	6024.35	3136	0	80
Aug 2008	87	93	12	77	0	77	88	6024.46	3140	0	77
Sep 2008	56	86	11	80	0	80	88	6024.32	3135	0	80
WY 2008	1165	1035	77	872	10	882					1493
Oct 2008	59	91	7	80	0	80	88	6024.42	3139	0	80
Nov 2008	51	77	3	77	0	77	88	6024.32	3135	0	77
Dec 2008	37	74	2	80	0	80	87	6024.11	3128	0	80
Jan 2009	41	80	2	80	0	80	87	6024.07	3126	0	80
Feb 2009	45	80	2	72	0	72	88	6024.23	3132	0	72
Mar 2009	103	121	3	80	0	80	89	6025.24	3169	0	80
Apr 2009	142	140	5	77	0	77	91	6026.73	3224	0	77
May 2009	263	202	8	144	0	144	92	6028.02	3273	0	144
Jun 2009	400	270	10	170	0	170	95	6030.29	3360	0	170
Jul 2009	219	175	14	114	0	114	97	6031.48	3406	0	114
Aug 2009	97	113	13	114	0	114	96	6031.14	3393	0	114
Sep 2009	58	81	11	110	0	110	95	6030.13	3354	0	110
WY 2009	1516	1504	80	1198	0	1198					1198
Oct 2009	59	85	7	114	0	114	94	6029.21	3319	0	114
Nov 2009	51	82	3	110	0	110	93	6028.41	3288	0	110
Dec 2009	37	79	2	114	0	114	92	6027.46	3252	0	114
Jan 2010	41	77	2	114	0	114	90	6026.47	3215	0	114
Feb 2010	45	78	2	103	0	103	89	6025.77	3189	0	103
Mar 2010	103	118	3	114	0	114	89	6025.80	3190	0	114
Apr 2010	142	143	5	110	0	110	90	6026.52	3217	0	110

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 5/2008 Most Prob Water Supply  
Taylor Park Reservoir

14-may-2008 09:31:00

	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* May 2007	27	11	9325.94	98
H Jun 2007	27	23	9327.98	102
I Jul 2007	15	25	9322.65	92
S Aug 2007	10	18	9318.20	84
T Sep 2007	8	14	9314.67	78
WY 2007	130	125		
O Oct 2007	7	7	9314.68	78
R Nov 2007	4	4	9314.68	78
I Dec 2007	5	5	9314.89	78
C Jan 2008	5	4	9315.09	78
A Feb 2008	4	4	9314.99	78
L Mar 2008	4	7	9313.24	75
* Apr 2008	7	19	9305.56	63
May 2008	40	38	9306.89	65
Jun 2008	65	34	9324.71	96
Jul 2008	28	24	9326.77	100
Aug 2008	13	22	9321.94	91
Sep 2008	8	20	9315.18	78
WY 2008	190	189		
Oct 2008	6	12	9311.63	73
Nov 2008	5	5	9311.56	72
Dec 2008	4	5	9311.20	72
Jan 2009	4	5	9310.70	71
Feb 2009	4	5	9309.90	70
Mar 2009	4	5	9309.42	69
Apr 2009	8	10	9308.35	67
May 2009	27	16	9315.20	78
Jun 2009	43	21	9327.09	100
Jul 2009	20	21	9326.79	100
Aug 2009	10	20	9321.56	90
Sep 2009	7	14	9317.68	83
WY 2009	143	139		
Oct 2009	6	12	9314.25	77
Nov 2009	5	6	9313.59	76
Dec 2009	4	5	9313.24	75
Jan 2010	4	5	9312.75	74
Feb 2010	4	5	9312.08	73
Mar 2010	4	5	9311.62	72
Apr 2010	8	12	9309.32	69

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 5/2008 Most Prob Water Supply  
Blue Mesa Reservoir

14-may-2008 09:31:00

	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 elevation EOM Feet	Live Storage 1000 Ac-Ft
* May 2007	189	174	1	41	0	41	7500.42	665
H Jun 2007	174	169	1	47	0	47	7514.60	786
I Jul 2007	81	91	2	99	0	99	7513.48	776
S Aug 2007	75	83	1	109	0	109	7510.40	749
T Sep 2007	50	56	1	117	0	117	7503.06	687
WY 2007	895	889	9	861	0	861		
O Oct 2007	48	48	1	85	0	85	7498.53	649
R Nov 2007	31	31	0	65	0	65	7494.31	615
I Dec 2007	33	33	0	67	0	67	7489.90	581
C Jan 2008	33	33	0	93	0	93	7481.92	520
A Feb 2008	31	31	0	97	0	97	7472.73	454
L Mar 2008	36	39	0	53	0	53	7470.50	439
* Apr 2008	107	119	1	147	0	147	7466.24	411
May 2008	318	316	1	180	0	180	7485.38	546
Jun 2008	465	434	1	166	0	166	7517.54	813
Jul 2008	170	166	2	175	0	175	7516.37	802
Aug 2008	78	88	1	113	0	113	7513.40	776
Sep 2008	41	53	1	114	0	114	7506.23	713
WY 2008	1393	1392	9	1357	0	1357		
Oct 2008	35	41	1	95	0	95	7499.70	659
Nov 2008	31	31	0	65	0	65	7495.44	624
Dec 2008	25	26	0	68	0	68	7490.00	581
Jan 2009	24	25	0	73	0	73	7483.66	533
Feb 2009	22	23	0	65	0	65	7477.93	491
Mar 2009	34	35	0	74	0	74	7472.31	452
Apr 2009	73	75	1	66	0	66	7473.51	460
May 2009	212	201	1	56	0	56	7492.85	604
Jun 2009	271	249	1	60	0	60	7515.18	792
Jul 2009	121	121	2	108	0	108	7516.43	803
Aug 2009	62	72	1	116	0	116	7511.30	757
Sep 2009	36	43	1	106	0	106	7503.86	693
WY 2009	946	941	9	953	0	953		
Oct 2009	35	41	1	82	0	82	7498.84	652
Nov 2009	31	32	0	52	0	52	7496.31	631
Dec 2009	25	26	0	75	0	75	7490.00	581
Jan 2010	24	25	0	73	0	73	7483.66	533
Feb 2010	22	23	0	60	0	60	7478.59	496
Mar 2010	34	35	0	61	0	61	7474.88	469
Apr 2010	73	77	1	72	0	72	7475.48	474

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 5/2008 Most Prob Water Supply  
Morrow Point Reservoir

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	Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total 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 Elevation EOM Feet	Live Storage 1000 Ac-Ft
* May 2007	202	41	13	54	0	53	0	53	7154.94	113
H Jun 2007	179	47	4	51	0	52	0	52	7153.84	112
I Jul 2007	73	99	-7	92	0	92	0	92	7153.52	112
S Aug 2007	67	109	-8	101	0	100	0	100	7154.39	113
T Sep 2007	41	117	-8	109	0	107	0	107	7156.75	114
WY 2007	883	861	-12	848	1	839	0	839		
O Oct 2007	43	85	-5	80	0	85	0	85	7150.81	110
R Nov 2007	28	65	-3	62	0	63	0	63	7149.32	109
I Dec 2007	31	67	-3	65	0	62	0	62	7152.91	111
C Jan 2008	29	93	-4	89	0	87	0	87	7156.26	114
A Feb 2008	26	97	-5	92	0	99	0	99	7146.95	107
L Mar 2008	34	53	-2	52	0	45	0	45	7155.12	113
* Apr 2008	109	147	1	148	0	153	0	153	7149.81	109
May 2008	356	180	38	218	0	215	0	215	7153.73	112
Jun 2008	501	166	36	202	0	202	0	202	7153.73	112
Jul 2008	179	175	9	184	0	184	0	184	7153.73	112
Aug 2008	83	113	5	118	0	118	0	118	7153.73	112
Sep 2008	44	114	3	118	0	118	0	118	7153.73	112
WY 2008	1464	1357	71	1428	0	1430	0	1430		
Oct 2008	38	95	3	98	0	98	0	98	7153.73	112
Nov 2008	33	65	2	67	0	67	0	67	7153.73	112
Dec 2008	27	68	2	71	0	71	0	71	7153.73	112
Jan 2009	26	73	2	75	0	75	0	75	7153.73	112
Feb 2009	25	65	3	68	0	68	0	68	7153.73	112
Mar 2009	38	74	4	78	0	78	0	78	7153.73	112
Apr 2009	84	66	11	77	0	77	0	77	7153.73	112
May 2009	237	56	25	81	0	81	0	81	7153.73	112
Jun 2009	292	60	21	81	0	81	0	81	7153.73	112
Jul 2009	127	108	7	115	0	115	0	115	7153.73	112
Aug 2009	65	116	4	120	0	120	0	120	7153.73	112
Sep 2009	39	106	3	109	0	109	0	109	7153.73	112
WY 2009	1032	953	86	1039	0	1039	0	1039		
Oct 2009	38	82	3	85	0	85	0	85	7153.73	112
Nov 2009	33	52	2	54	0	54	0	54	7153.73	112
Dec 2009	27	75	2	78	0	78	0	78	7153.73	112
Jan 2010	26	73	2	75	0	75	0	75	7153.73	112
Feb 2010	25	60	3	63	0	63	0	63	7153.73	112
Mar 2010	38	61	4	65	0	65	0	65	7153.73	112
Apr 2010	84	72	11	83	0	83	0	83	7153.73	112

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 5/2008 Most Prob Water Supply  
Crystal Reservoir

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	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 Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* May 2007	228	53	25	78	78	0	78	6751.27	16	53	29
H Jun 2007	200	52	21	73	74	0	74	6745.12	15	51	28
I Jul 2007	80	92	7	99	98	0	98	6748.50	16	66	37
S Aug 2007	74	100	7	107	108	0	108	6744.63	15	63	51
T Sep 2007	46	107	5	112	112	0	112	6746.25	15	56	62
WY 2007	991	839	108	947	907	39	946			363	632
O Oct 2007	48	85	5	90	90	0	90	6745.51	15	33	54
R Nov 2007	32	63	4	67	66	0	66	6748.78	16	0	70
I Dec 2007	35	62	5	67	68	0	68	6742.95	14	1	73
C Jan 2008	34	87	5	91	77	13	90	6748.45	16	1	94
A Feb 2008	30	99	4	103	72	31	103	6749.17	16	1	108
L Mar 2008	41	45	6	52	52	0	52	6749.59	16	1	54
* Apr 2008	124	153	16	168	127	40	168	6751.31	16	23	150
May 2008	401	215	45	260	135	125	259	6753.04	17	55	204
Jun 2008	565	202	64	266	130	136	266	6753.04	17	60	206
Jul 2008	220	184	41	225	134	91	225	6753.04	17	65	160
Aug 2008	99	118	16	134	134	0	134	6753.04	17	65	69
Sep 2008	53	118	9	127	127	0	127	6753.04	17	55	72
WY 2008	1683	1430	220	1649	1211	436	1647			361	1313
Oct 2008	44	98	7	104	104	0	104	6753.04	17	30	74
Nov 2008	38	67	5	72	72	0	72	6753.04	17	0	72
Dec 2008	32	71	5	75	75	0	75	6753.04	17	0	75
Jan 2009	31	75	5	80	80	0	80	6753.04	17	0	80
Feb 2009	29	68	4	72	72	0	72	6753.04	17	0	72
Mar 2009	46	78	7	85	85	0	85	6753.04	17	5	80
Apr 2009	96	77	12	89	89	0	89	6753.04	17	30	59
May 2009	272	81	35	116	116	0	116	6753.04	17	55	61
Jun 2009	330	81	38	119	119	0	119	6753.04	17	60	59
Jul 2009	144	115	17	132	132	0	132	6753.04	17	65	67
Aug 2009	74	120	8	128	128	0	128	6753.04	17	65	63
Sep 2009	45	109	6	115	115	0	115	6753.04	17	55	60
WY 2009	1183	1039	151	1190	1190	0	1190			365	825
Oct 2009	44	85	7	91	91	0	91	6753.04	17	30	61
Nov 2009	38	54	5	59	59	0	59	6753.04	17	0	59
Dec 2009	32	78	5	82	82	0	82	6753.04	17	0	82
Jan 2010	31	75	5	80	80	0	80	6753.04	17	0	80
Feb 2010	29	63	4	67	67	0	67	6753.04	17	0	67
Mar 2010	46	65	7	72	72	0	72	6753.04	17	5	67
Apr 2010	96	83	12	95	95	0	95	6753.04	17	30	65

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 5/2008 Most Prob Water Supply  
Vallecito Reservoir

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	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* May 2007	68	45	7664.82	125
H Jun 2007	67	68	7664.36	124
I Jul 2007	23	41	7657.48	106
S Aug 2007	27	34	7654.84	99
T Sep 2007	18	34	7648.41	83
WY 2007	330	327		
O Oct 2007	15	31	7641.28	67
R Nov 2007	7	4	7642.40	69
I Dec 2007	8	3	7644.42	74
C Jan 2008	6	4	7645.29	76
A Feb 2008	6	17	7640.08	65
L Mar 2008	11	36	7626.73	39
* Apr 2008	33	29	7628.85	43
May 2008	90	43	7650.81	89
Jun 2008	90	54	7664.76	125
Jul 2008	27	43	7658.49	108
Aug 2008	18	42	7648.45	83
Sep 2008	16	35	7640.07	64
WY 2008	327	342		
Oct 2008	13	12	7640.41	65
Nov 2008	8	5	7642.08	69
Dec 2008	6	5	7642.72	70
Jan 2009	5	5	7642.98	71
Feb 2009	5	4	7643.19	71
Mar 2009	8	5	7644.70	75
Apr 2009	22	12	7648.88	84
May 2009	69	43	7659.28	110
Jun 2009	78	62	7664.74	125
Jul 2009	31	43	7659.96	112
Aug 2009	19	40	7651.55	91
Sep 2009	17	30	7646.00	78
WY 2009	281	265		
Oct 2009	13	15	7645.00	75
Nov 2009	8	4	7646.78	79
Dec 2009	6	4	7647.59	81
Jan 2010	5	5	7647.63	81
Feb 2010	5	5	7647.64	81
Mar 2010	8	5	7648.85	84
Apr 2010	22	10	7653.67	96

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 5/2008 Most Prob Water Supply  
Navajo Reservoir

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	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 Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
* May 2007	258	34	200	4	25	212	6077.03	1581	257
H Jun 2007	182	27	154	5	37	73	6079.68	1620	169
I Jul 2007	33	4	46	5	38	46	6076.77	1577	81
S Aug 2007	61	7	59	4	33	48	6074.98	1551	82
T Sep 2007	27	2	41	3	23	56	6072.10	1510	80
WY 2007	1097	119	974	31	192	660			1160
O Oct 2007	41	0	57	2	10	46	6072.01	1509	79
R Nov 2007	19	0	17	1	1	43	6070.07	1482	57
I Dec 2007	46	0	40	1	0	42	6069.89	1479	67
C Jan 2008	26	0	24	1	0	47	6068.19	1456	69
A Feb 2008	38	0	48	1	0	122	6062.59	1381	160
L Mar 2008	147	6	167	2	6	219	6057.91	1321	284
* Apr 2008	242	27	214	2	21	152	6060.97	1360	240
May 2008	390	42	301	4	26	150	6070.05	1481	150
Jun 2008	320	54	230	4	40	237	6066.25	1429	237
Jul 2008	78	33	61	5	43	31	6064.91	1411	31
Aug 2008	45	5	65	4	36	31	6064.46	1406	31
Sep 2008	43	1	61	3	21	30	6065.04	1413	30
WY 2008	1434	167	1285	29	205	1148			1434
Oct 2008	38	0	37	2	6	31	6064.91	1412	31
Nov 2008	33	0	29	1	0	30	6064.80	1410	30
Dec 2008	24	0	23	1	0	31	6064.13	1401	31
Jan 2009	22	0	21	1	0	31	6063.36	1391	31
Feb 2009	30	0	30	1	0	28	6063.44	1392	28
Mar 2009	88	4	81	2	4	31	6066.78	1437	31
Apr 2009	174	13	151	3	16	34	6073.84	1535	34
May 2009	279	0	252	4	30	200	6075.08	1552	200
Jun 2009	246	40	191	5	45	212	6070.08	1482	212
Jul 2009	74	13	73	5	49	31	6069.28	1471	31
Aug 2009	43	13	51	4	41	31	6067.50	1446	31
Sep 2009	42	4	51	3	24	30	6067.13	1441	30
WY 2009	1094	87	990	30	214	719			719
Oct 2009	38	0	40	2	6	31	6067.21	1442	31
Nov 2009	33	0	29	1	0	30	6067.05	1440	30
Dec 2009	24	0	22	1	0	31	6066.34	1431	31
Jan 2010	22	0	22	1	0	31	6065.62	1421	31
Feb 2010	30	0	30	1	0	28	6065.73	1422	28
Mar 2010	88	4	81	2	4	31	6069.04	1467	31
Apr 2010	174	13	149	3	16	34	6075.83	1563	34

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 5/2008 Most Prob Water Supply  
Lake Powell

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	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 Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
* May 2007	1577	1441	29	601	0	601	3609.61	18276	12691	606
H Jun 2007	1308	1072	47	801	0	801	3611.50	18309	12882	811
I Jul 2007	365	453	56	804	0	804	3607.35	18318	12465	819
S Aug 2007	378	437	54	804	0	804	3603.58	18266	12095	818
T Sep 2007	296	454	49	604	0	604	3601.87	18232	11929	617
WY 2007	8231	8080	388	8230	0	8231				8397
O Oct 2007	467	540	34	601	0	601	3600.62	18258	11809	612
R Nov 2007	397	470	32	603	0	603	3598.63	18281	11620	615
I Dec 2007	398	455	25	803	0	803	3594.64	18282	11246	814
C Jan 2008	336	440	8	801	0	801	3590.66	18278	10880	813
A Feb 2008	412	568	8	602	0	602	3590.66	18236	10880	613
L Mar 2008	589	717	14	737	93	830	3589.77	18189	10800	848
* Apr 2008	1003	986	22	679	0	679	3594.09	18079	11195	691
May 2008	3200	2859	35	790	0	790	3613.43	18229	13078	790
Jun 2008	3500	2985	44	790	0	790	3631.92	18389	15069	790
Jul 2008	1500	1426	53	840	0	840	3636.23	18428	15563	840
Aug 2008	610	661	55	840	0	840	3634.35	18411	15346	840
Sep 2008	477	583	47	775	0	775	3632.40	18393	15124	775
WY 2008	12889	12688	379	8861	93	8954				9042
Oct 2008	506	586	42	600	0	600	3631.94	18389	15072	600
Nov 2008	523	581	35	600	0	600	3631.49	18385	15021	600
Dec 2008	418	511	29	800	0	800	3628.86	18361	14726	800
Jan 2009	384	481	22	800	0	800	3626.01	18336	14411	800
Feb 2009	395	462	20	600	0	600	3624.67	18324	14264	600
Mar 2009	628	595	25	600	0	600	3624.41	18322	14236	600
Apr 2009	952	769	29	600	0	600	3625.60	18332	14366	600
May 2009	2161	1837	40	865	0	865	3633.33	18402	15229	865
Jun 2009	2808	2419	48	1060	0	1060	3643.69	18499	16443	1060
Jul 2009	1345	1246	56	1105	0	1105	3644.34	18505	16521	1105
Aug 2009	566	679	57	1105	0	1105	3640.60	18469	16074	1105
Sep 2009	459	596	49	750	0	750	3639.00	18454	15886	750
WY 2009	11147	10762	454	9485	0	9485				9485
Oct 2009	506	607	44	600	0	600	3638.71	18451	15851	600
Nov 2009	523	600	37	600	0	600	3638.43	18449	15818	600
Dec 2009	418	552	30	800	0	800	3636.21	18428	15560	800
Jan 2010	384	515	23	800	0	800	3633.73	18405	15275	800
Feb 2010	395	488	21	600	0	600	3632.65	18395	15151	600
Mar 2010	628	616	26	600	0	600	3632.56	18395	15141	600
Apr 2010	952	808	30	792	0	792	3632.45	18393	15129	792



OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 5/2008 Most Prob Water Supply  
Hoover Dam - Lake Mead

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	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	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* May 2007	601	17	51	1026	16.7	34	1024	843	1115.89	12963
H Jun 2007	801	10	61	958	16.1	35	957	828	1113.50	12735
I Jul 2007	804	67	76	950	15.5	39	949	816	1111.58	12554
S Aug 2007	804	138	80	803	13.1	33	801	818	1111.84	12578
T Sep 2007	604	63	66	656	11.0	24	653	813	1111.06	12505
WY 2007	8231	677	633	9450		297	9420			
O Oct 2007	601	32	48	570	9.3	26	564	812	1110.95	12494
R Nov 2007	603	67	48	576	9.7	19	575	814	1111.22	12520
I Dec 2007	803	95	42	477	7.8	17	467	836	1114.81	12860
C Jan 2008	801	88	34	672	10.9	14	659	846	1116.46	13017
A Feb 2008	602	147	32	659	11.5	11	658	849	1116.93	13062
L Mar 2008	830	117	35	1025	16.7	18	1023	841	1115.65	12940
* Apr 2008	679	37	44	1159	19.5	21	1155	810	1110.61	12463
May 2008	790	65	49	1151	18.7	32	1151	787	1106.81	12109
Jun 2008	790	16	59	928	15.6	34	928	774	1104.61	11908
Jul 2008	840	57	73	866	14.1	36	866	769	1103.81	11835
Aug 2008	840	115	77	814	13.2	33	814	771	1104.12	11863
Sep 2008	775	79	64	704	11.8	26	704	775	1104.74	11919
WY 2008	8954	915	605	9600		288	9564			
Oct 2008	600	68	47	467	7.6	27	467	783	1106.04	12039
Nov 2008	600	68	47	564	9.5	15	564	785	1106.45	12077
Dec 2008	800	61	41	541	8.8	10	541	802	1109.20	12331
Jan 2009	800	126	34	685	11.1	13	685	813	1111.15	12514
Feb 2009	600	116	31	660	11.9	13	660	814	1111.27	12525
Mar 2009	600	87	35	951	15.5	16	951	795	1108.10	12229
Apr 2009	600	74	42	1080	18.2	22	1080	766	1103.28	11787
May 2009	865	65	48	1022	16.6	35	1022	755	1101.47	11623
Jun 2009	1060	16	58	838	14.1	34	838	764	1102.99	11760
Jul 2009	1105	57	73	912	14.8	33	912	773	1104.48	11896
Aug 2009	1105	115	78	819	13.3	30	819	791	1107.47	12170
Sep 2009	750	79	65	698	11.7	33	698	793	1107.81	12202
WY 2009	9485	931	597	9238		280	9238			
Oct 2009	600	68	47	453	7.4	31	453	801	1109.19	12330
Nov 2009	600	68	48	568	9.5	23	568	803	1109.48	12357
Dec 2009	800	61	41	583	9.5	11	583	817	1111.75	12570
Jan 2010	800	128	34	677	11.0	13	677	830	1113.78	12762
Feb 2010	600	78	31	679	12.2	13	679	827	1113.34	12720
Mar 2010	600	76	35	995	16.2	16	995	804	1109.65	12373
Apr 2010	792	63	43	1097	18.4	22	1097	786	1106.54	12085

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 5/2008 Most Prob Water Supply  
 Davis Dam - Lake Mohave

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	Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* May 2007	1026	-38	996	0	996	16.2	644.29	1734
H Jun 2007	958	-34	965	0	965	16.2	642.79	1693
I Jul 2007	950	-32	916	0	916	14.9	642.89	1696
S Aug 2007	803	-29	786	0	786	12.8	642.45	1684
T Sep 2007	656	-18	777	0	777	13.0	637.26	1545
WY 2007	9450	-249	9241	0	9241			
O Oct 2007	570	-14	635	0	635	10.3	634.21	1465
R Nov 2007	576	-17	516	0	516	8.7	635.89	1509
I Dec 2007	477	-24	396	0	396	6.4	638.03	1565
C Jan 2008	672	-27	547	0	547	8.9	641.68	1663
A Feb 2008	659	-12	717	0	717	12.5	639.09	1593
L Mar 2008	1025	-26	974	0	974	15.8	640.01	1618
* Apr 2008	1159	-23	1104	0	1104	18.6	641.20	1650
May 2008	1151	-33	1055	0	1055	17.2	643.50	1712
Jun 2008	928	-27	915	0	915	15.4	643.00	1699
Jul 2008	866	-25	882	0	882	14.3	641.50	1658
Aug 2008	814	-25	789	0	789	12.8	641.50	1658
Sep 2008	704	-18	780	0	780	13.1	638.00	1564
WY 2008	9600	-270	9310	0	9310			
Oct 2008	467	-2	595	0	595	9.7	633.00	1434
Nov 2008	564	-16	523	0	523	8.8	634.00	1460
Dec 2008	541	-19	399	0	399	6.5	638.71	1583
Jan 2009	685	-20	582	0	582	9.5	641.80	1666
Feb 2009	660	-14	646	0	646	11.6	641.80	1666
Mar 2009	951	-25	892	0	892	14.5	643.05	1700
Apr 2009	1080	-30	1052	0	1052	17.7	643.01	1699
May 2009	1022	-33	989	0	989	16.1	643.01	1699
Jun 2009	838	-27	839	0	839	14.1	642.00	1671
Jul 2009	912	-25	901	0	901	14.6	641.50	1658
Aug 2009	819	-25	795	0	795	12.9	641.50	1658
Sep 2009	698	-18	774	0	774	13.0	638.00	1564
WY 2009	9238	-253	8985	0	8985			
Oct 2009	453	-2	581	0	581	9.4	633.00	1434
Nov 2009	568	-16	526	0	526	8.8	634.00	1460
Dec 2009	583	-19	441	0	441	7.2	638.71	1583
Jan 2010	677	-16	578	0	578	9.4	641.80	1666
Feb 2010	679	-23	656	0	656	11.8	641.80	1666
Mar 2010	995	-31	930	0	930	15.1	643.05	1700
Apr 2010	1097	-32	1066	0	1066	17.9	643.01	1699

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 5/2008 Most Prob Water Supply  
 Parker Dam - Lake Havasu

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	Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
* May 2007	996	-11	720	11.7	86	159	448.56	591	109	1.8
H Jun 2007	965	-21	721	12.1	83	145	448.30	586	118	2.0
I Jul 2007	916	-2	749	12.2	64	100	448.35	587	124	2.0
S Aug 2007	786	-13	634	10.3	98	42	448.28	585	97	1.6
T Sep 2007	777	-7	555	9.3	91	134	447.77	576	92	1.5
WY 2007	9241	-94	6803		689	1632			1514	
O Oct 2007	635	2	455	7.4	27	164	447.28	566	80	1.3
R Nov 2007	516	3	336	5.6	29	147	447.65	573	104	1.8
I Dec 2007	396	10	270	4.4	35	118	446.77	557	128	2.1
C Jan 2008	547	5	306	5.0	82	167	446.67	555	132	2.1
A Feb 2008	717	-11	486	8.4	68	157	446.44	551	155	2.7
L Mar 2008	974	-14	744	12.1	47	168	446.47	551	205	3.3
* Apr 2008	1104	-9	838	14.1	77	166	447.25	566	202	3.4
May 2008	1055	-14	745	12.1	99	174	448.50	589	109	1.8
Jun 2008	915	-24	676	11.4	95	119	448.50	589	120	2.0
Jul 2008	882	-17	709	11.5	85	80	448.00	580	124	2.0
Aug 2008	789	-11	611	9.9	85	92	447.50	571	93	1.5
Sep 2008	780	-12	548	9.2	83	150	446.81	557	89	1.5
WY 2008	9310	-91	6723		812	1702			1540	
Oct 2008	595	3	455	7.4	43	108	446.31	548	75	1.2
Nov 2008	523	11	365	6.1	41	125	446.50	552	101	1.7
Dec 2008	399	10	304	4.9	35	70	446.50	552	122	2.0
Jan 2009	582	23	354	5.8	81	170	446.50	552	119	1.9
Feb 2009	646	32	449	8.1	76	153	446.50	552	154	2.8
Mar 2009	892	31	703	11.4	47	168	446.70	555	204	3.3
Apr 2009	1052	-4	771	13.0	76	162	448.71	594	200	3.4
May 2009	989	-14	730	11.9	82	163	448.71	594	109	1.8
Jun 2009	839	-24	681	11.5	79	54	448.71	594	113	1.9
Jul 2009	901	-17	734	11.9	81	83	448.00	580	119	1.9
Aug 2009	795	-11	633	10.3	81	78	447.50	571	93	1.5
Sep 2009	774	-12	570	9.6	79	126	446.81	557	89	1.5
WY 2009	8985	26	6750		801	1460			1499	
Oct 2009	581	3	476	7.7	28	89	446.31	548	74	1.2
Nov 2009	526	11	386	6.5	26	122	446.50	552	103	1.7
Dec 2009	441	10	324	5.3	6	121	446.50	552	122	2.0
Jan 2010	578	35	352	5.7	85	176	446.50	552	119	1.9
Feb 2010	656	28	446	8.0	80	158	446.50	552	154	2.8
Mar 2010	930	-4	700	11.4	49	174	446.70	555	204	3.3
Apr 2010	1066	-14	767	12.9	80	167	448.71	594	200	3.4

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 5/2008 Most Prob Water Supply  
Hoover Dam - Lake Mead

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	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
* May 2007	1026	16.7	1115.89	12963	-463	0.00	1506.0	417.8	88	407.3
H Jun 2007	958	16.1	1113.50	12735	-228	0.00	1742.0	384.0	100	400.9
I Jul 2007	950	15.5	1111.58	12554	-181	0.00	1730.0	377.2	100	397.0
S Aug 2007	803	13.1	1111.84	12578	24	0.00	1704.0	315.2	100	392.6
T Sep 2007	656	11.0	1111.06	12505	-73	0.00	1500.0	252.9	88	385.6
WY 2007	9450							3826.0		
O Oct 2007	570	9.3	1110.95	12494	-10	0.00	1363.0	219.9	80	385.9
R Nov 2007	575	9.7	1111.22	12520	25	0.00	1056.0	225.1	62	391.4
I Dec 2007	477	7.8	1114.81	12860	340	0.00	1074.0	183.5	63	385.0
C Jan 2008	672	10.9	1116.46	13017	158	0.00	1183.4	268.3	69	399.2
A Feb 2008	659	11.5	1116.93	13062	45	0.00	1093.0	266.5	63	404.5
L Mar 2008	1025	16.7	1115.65	12940	-123	0.00	1218.0	420.7	70	410.6
* Apr 2008	1159	19.5	1110.61	12463	-477	0.00	1398.1	475.9	81	410.7
May 2008	1151	18.7	1106.81	12109	-353	456.85	1481.6	480.6	87	417.6
Jun 2008	928	15.6	1104.61	11908	-201	451.86	1692.0	377.4	100	406.7
Jul 2008	866	14.1	1103.81	11835	-73	451.03	1686.0	354.5	100	409.5
Aug 2008	814	13.2	1104.12	11863	29	451.27	1687.0	331.1	100	406.8
Sep 2008	704	11.8	1104.74	11919	56	452.87	1689.0	283.3	100	402.3
WY 2008	9599							3886.9		
Oct 2008	467	7.6	1106.04	12039	119	460.21	1034.6	190.4	61	407.9
Nov 2008	564	9.5	1106.45	12077	38	461.28	1255.0	229.5	74	406.7
Dec 2008	541	8.8	1109.20	12331	254	460.54	1386.7	216.3	81	400.0
Jan 2009	685	11.1	1111.15	12514	183	461.10	1275.0	280.9	74	409.8
Feb 2009	660	11.9	1111.27	12525	11	459.70	1499.9	270.6	87	409.8
Mar 2009	951	15.5	1108.10	12229	-296	458.32	1398.1	395.1	82	415.6
Apr 2009	1080	18.2	1103.28	11787	-442	453.29	1487.2	445.6	88	412.5
May 2009	1022	16.6	1101.47	11623	-164	450.12	1466.8	413.7	87	404.8
Jun 2009	838	14.1	1102.99	11760	138	448.89	1694.0	341.8	100	407.7
Jul 2009	912	14.8	1104.48	11896	135	450.88	1702.0	367.8	100	403.2
Aug 2009	819	13.3	1107.47	12170	275	453.26	1719.0	334.8	100	408.7
Sep 2009	698	11.7	1107.81	12202	32	456.06	1720.0	282.2	100	404.3
WY 2009	9238							3768.7		
Oct 2009	453	7.4	1109.19	12330	128	463.31	1049.2	185.0	61	408.2
Nov 2009	568	9.5	1109.48	12357	27	464.36	1272.8	232.2	74	409.2
Dec 2009	583	9.5	1111.75	12570	212	463.21	1410.4	237.0	82	406.6
Jan 2010	677	11.0	1113.78	12762	192	462.90	1393.2	276.7	81	408.8
Feb 2010	679	12.2	1113.34	12720	-42	463.46	1272.8	283.2	74	417.1
Mar 2010	995	16.2	1109.65	12373	-347	459.57	1496.4	408.7	87	410.7
Apr 2010	1097	18.4	1106.54	12085	-288	456.34	1410.4	458.3	82	417.9

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 5/2008 Most Prob Water Supply  
 Davis Dam - Lake Mohave

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	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
* May 2007	996	16.2	644.29	1734	-8	0.00	255.0	126.4	100	126.9
H Jun 2007	965	16.2	642.79	1693	-41	0.00	255.0	122.2	100	126.6
I Jul 2007	916	14.9	642.89	1696	3	0.00	242.0	114.9	95	125.5
S Aug 2007	786	12.8	642.45	1684	-12	0.00	255.0	99.2	100	126.3
T Sep 2007	777	13.0	637.26	1545	-139	0.00	240.0	95.9	94	123.5
WY 2007	9241							1148.3		
O Oct 2007	635	10.3	634.21	1465	-79	0.00	201.0	76.0	79	119.8
R Nov 2007	516	8.7	635.89	1509	43	0.00	171.0	61.8	67	119.8
I Dec 2007	396	6.4	638.03	1565	56	0.00	181.0	48.9	71	123.4
C Jan 2008	547	8.9	641.68	1663	98	0.00	158.1	67.9	62	124.1
A Feb 2008	717	12.5	639.09	1593	-70	0.00	191.2	88.7	75	123.8
L Mar 2008	974	15.8	640.01	1618	25	0.00	227.0	120.5	89	123.7
* Apr 2008	1104	18.6	641.20	1650	32	0.00	255.0	135.8	100	123.0
May 2008	1055	17.2	643.50	1712	63	135.36	255.0	130.9	100	124.0
Jun 2008	915	15.4	643.00	1699	-14	136.30	255.0	114.7	100	125.4
Jul 2008	882	14.3	641.50	1658	-41	135.25	255.0	110.0	100	124.8
Aug 2008	789	12.8	641.50	1658	0	134.46	255.0	98.4	100	124.6
Sep 2008	780	13.1	638.00	1564	-94	132.63	255.0	95.9	100	123.0
WY 2008	9310							1149.6		
Oct 2008	595	9.7	633.00	1434	-130	128.15	255.0	71.6	100	120.4
Nov 2008	523	8.8	634.00	1460	26	126.25	247.3	62.2	97	118.9
Dec 2008	399	6.5	638.71	1583	123	129.99	221.8	48.8	87	122.4
Jan 2009	582	9.5	641.80	1666	83	136.14	158.1	72.6	62	124.7
Feb 2009	646	11.6	641.80	1666	0	136.62	191.2	81.0	75	125.3
Mar 2009	892	14.5	643.05	1700	34	136.20	227.0	111.4	89	124.9
Apr 2009	1052	17.7	643.01	1699	-1	136.08	255.0	131.0	100	124.5
May 2009	989	16.1	643.01	1699	0	136.05	255.0	123.6	100	124.9
Jun 2009	839	14.1	642.00	1671	-28	135.52	255.0	104.9	100	125.1
Jul 2009	901	14.6	641.50	1658	-14	134.73	255.0	111.9	100	124.3
Aug 2009	795	12.9	641.50	1658	0	134.46	255.0	99.0	100	124.6
Sep 2009	774	13.0	638.00	1564	-94	132.63	255.0	95.2	100	123.0
WY 2009	8985							1113.1		
Oct 2009	581	9.4	633.00	1434	-130	128.15	255.0	70.0	100	120.4
Nov 2009	526	8.8	634.00	1460	26	126.25	247.3	62.6	97	118.9
Dec 2009	441	7.2	638.71	1583	123	129.99	221.8	53.9	87	122.1
Jan 2010	578	9.4	641.80	1666	83	136.14	158.1	72.1	62	124.7
Feb 2010	656	11.8	641.80	1666	0	136.62	191.2	82.2	75	125.2
Mar 2010	930	15.1	643.05	1700	34	136.20	227.0	116.0	89	124.7
Apr 2010	1066	17.9	643.01	1699	-1	136.08	255.0	132.7	100	124.4

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 5/2008 Most Prob Water Supply  
 Parker Dam - Lake Havasu

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	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
* May 2007	720	11.7	448.56	591	20	0.00	120.0	48.2	100	66.9
H Jun 2007	721	12.1	448.30	586	-5	0.00	120.0	48.5	100	67.2
I Jul 2007	749	12.2	448.35	587	1	0.00	120.0	50.1	100	66.9
S Aug 2007	634	10.3	448.28	585	-1	0.00	120.0	43.0	100	67.8
T Sep 2007	555	9.3	447.77	576	-10	0.00	95.0	37.8	79	68.3
WY 2007	6804							455.2		
O Oct 2007	455	7.4	447.28	566	-9	0.00	90.0	31.5	75	69.3
R Nov 2007	336	5.6	447.65	573	7	0.00	79.0	23.0	66	68.7
I Dec 2007	270	4.4	446.77	557	-16	0.00	79.0	17.9	66	66.5
C Jan 2008	306	5.0	446.67	555	-2	0.00	85.2	20.3	71	66.5
A Feb 2008	486	8.4	446.44	551	-4	0.00	90.0	32.6	75	67.2
L Mar 2008	744	12.1	446.47	551	1	0.00	90.0	49.8	75	67.0
* Apr 2008	838	14.1	447.25	566	14	0.00	90.0	55.0	75	65.6
May 2008	745	12.1	448.50	589	24	76.66	90.0	50.2	75	67.4
Jun 2008	676	11.4	448.50	589	0	75.86	120.0	44.8	100	66.3
Jul 2008	709	11.5	448.00	580	-9	75.61	120.0	46.9	100	66.2
Aug 2008	611	9.9	447.50	571	-10	75.13	120.0	40.0	100	65.5
Sep 2008	548	9.2	446.81	557	-13	75.95	90.0	36.3	75	66.3
WY 2008	6723							448.6		
Oct 2008	455	7.4	446.31	548	-9	75.98	79.2	30.0	66	65.8
Nov 2008	365	6.1	446.50	552	3	75.83	79.2	23.8	66	65.1
Dec 2008	304	4.9	446.50	552	0	75.32	90.0	19.3	75	63.7
Jan 2009	354	5.8	446.50	552	0	75.32	90.0	22.8	75	64.3
Feb 2009	449	8.1	446.50	552	0	75.32	90.0	29.4	75	65.4
Mar 2009	703	11.4	446.70	555	4	74.01	120.0	45.7	100	64.9
Apr 2009	771	13.0	448.71	594	38	75.09	120.0	50.9	100	66.0
May 2009	730	11.9	448.71	594	0	76.06	120.0	48.6	100	66.6
Jun 2009	681	11.5	448.71	594	0	76.06	120.0	45.3	100	66.5
Jul 2009	734	11.9	448.00	580	-14	75.72	120.0	48.7	100	66.3
Aug 2009	633	10.3	447.50	571	-10	75.13	120.0	41.5	100	65.6
Sep 2009	570	9.6	446.81	557	-13	75.95	90.0	37.8	75	66.4
WY 2009	6750							443.7		
Oct 2009	476	7.7	446.31	548	-9	75.98	79.2	31.4	66	66.0
Nov 2009	386	6.5	446.50	552	3	75.83	79.2	25.2	66	65.3
Dec 2009	324	5.3	446.50	552	0	75.92	79.2	20.9	66	64.5
Jan 2010	352	5.7	446.50	552	0	75.32	90.0	22.6	75	64.3
Feb 2010	446	8.0	446.50	552	0	75.32	90.0	29.2	75	65.4
Mar 2010	700	11.4	446.70	555	4	74.01	120.0	45.4	100	64.9
Apr 2010	767	12.9	448.71	594	38	75.09	120.0	50.6	100	66.0

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T Y M R E S E R V O I R S

Bureau of Reclamation - CRFS 5/2008 Most Prob Water Supply  
Upper Basin Power

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	Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* May 2007	254	52	11	19	15	3
H Jun 2007	343	26	13	18	15	3
I Jul 2007	343	21	29	33	19	4
S Aug 2007	340	20	32	36	20	3
T Sep 2007	253	19	34	39	20	2
Summer 2007	1532	138	118	145	89	15
O Oct 2007	251	19	24	30	17	2
R Nov 2007	252	19	18	22	12	2
I Dec 2007	334	15	19	22	13	3
C Jan 2008	330	19	25	31	15	2
A Feb 2008	247	18	26	35	14	2
L Mar 2008	299	19	14	16	9	2
Winter 2008	1714	110	126	156	80	14
* Apr 2008	280	20	38	55	23	2
May 2008	314	69	51	77	23	5
Jun 2008	327	37	50	73	22	9
Jul 2008	355	29	55	66	23	10
Aug 2008	355	28	35	42	23	8
Sep 2008	327	29	36	42	22	6
Summer 2008	1959	213	265	356	137	38
Oct 2008	252	29	29	35	18	7
Nov 2008	252	28	20	24	13	6
Dec 2008	336	29	20	25	13	6
Jan 2009	334	29	21	27	14	5
Feb 2009	250	26	19	24	12	4
Mar 2009	249	29	21	28	15	5
Winter 2009	1673	171	130	165	85	33
Apr 2009	250	28	19	28	15	6
May 2009	363	53	16	29	20	7
Jun 2009	452	62	18	29	21	9
Jul 2009	476	42	34	41	23	10
Aug 2009	475	42	36	43	22	10
Sep 2009	320	40	33	39	20	6
Summer 2009	2335	267	156	210	121	46
Oct 2009	256	42	25	31	16	7
Nov 2009	255	40	16	20	10	6
Dec 2009	340	42	22	28	14	6
Jan 2010	338	42	21	27	14	5
Feb 2010	253	37	17	23	12	4
Mar 2010	253	41	17	23	13	4
Winter 2010	1695	244	119	151	78	33
Apr 2010	333	40	20	30	16	6

model\_run\_id = 2004

FLOOD CONTROL CRITERIA  
 BEGINNING OF MONTH CONDITIONS

MON	YEAR	FLAMING	BLUE		LAKE	UPPER			TOT OR						BOM	MEAD	MEAD		
		GORGE	MESA	NAVAJO	POWELL	BASIN	LAKE	TOTAL	TOTAL	MAX	LAKE	LAKE	TOTAL	REQD	REL	REL	FC	SYS	
		KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	MAF	
		* * * * P R E D I C T E D S P A C E * * * *																	
MAY	2008	938	419	336	13125	14817	14917	29735	363	419	174	956	13125	14917	28998	1500	1151	0	32.9
JUN	2008	917	284	215	11242	12657	15271	27927	335	284	23	642	11242	15271	27154	1500	928	0	35.1
JUL	2008	705	17	267	9251	10238	15472	25710	108	-5	30	133	9251	15472	24855	1500	866	0	35.6
		* * * * C R E D I T A B L E S P A C E * * * *																	
AUG	2008	614	27	285	8757	9683	15545	25228	614	27	285	926	8757	15545	25228	1500	814	0	35.3
SEP	2008	618	54	290	8974	9937	15517	25453	618	54	290	963	8974	15517	25453	2270	704	0	34.9
OCT	2008	655	116	283	9196	10250	15461	25711	655	116	283	1054	9196	15461	25711	3040	467	0	34.8
NOV	2008	684	171	284	9248	10388	15341	25729	684	171	284	1139	9248	15341	25729	3810	564	0	34.7
DEC	2008	714	205	286	9299	10504	15303	25807	714	205	286	1205	9299	15303	25807	4580	541	0	34.7
JAN	2009	759	248	295	9594	10896	15049	25945	759	248	295	1302	9594	15049	25945	5350	685	0	34.6
		* * * * E F F E C T I V E S P A C E * * * *																	
JAN	2009	759	248	295	9594	10896	15049	25945	477	248	233	958	9594	15049	25601	5350	685	0	34.6
FEB	2009	801	296	305	9909	11312	14866	26178	516	296	242	1055	9909	14866	25830	1500	660	0	34.4
MAR	2009	830	339	304	10056	11529	14855	26384	543	339	240	1122	10056	14855	26033	1500	951	0	34.1
APR	2009	811	378	259	10084	11533	15151	26684	519	378	190	1088	10084	15151	26322	1500	1080	0	34.0
MAY	2009	754	370	161	9954	11239	15593	26832	455	370	73	898	9954	15593	26445	1500	1022	0	35.0
JUN	2009	645	226	144	9091	10105	15757	25863	335	223	22	581	9091	15757	25428	1500	838	0	36.6
JUL	2009	431	38	214	7877	8561	15620	24180	106	12	43	161	7877	15620	23657	1500	912	0	36.9
		* * * * C R E D I T A B L E S P A C E * * * *																	
AUG	2009	344	27	225	7799	8395	15484	23879	344	27	225	596	7799	15484	23879	1500	819	0	36.6
SEP	2009	376	72	250	8246	8944	15210	24154	376	72	250	698	8246	15210	24154	2270	698	0	36.2
OCT	2009	439	136	255	8434	9264	15178	24443	439	136	255	830	8434	15178	24443	3040	453	0	36.1
NOV	2009	501	178	254	8469	9401	15050	24451	501	178	254	932	8469	15050	24451	3810	568	0	36.0
DEC	2009	563	198	256	8502	9519	15023	24542	563	198	256	1017	8502	15023	24542	4580	583	0	35.9
JAN	2010	641	248	265	8760	9915	14810	24725	641	248	265	1155	8760	14810	24725	5350	677	0	35.8
		* * * * E F F E C T I V E S P A C E * * * *																	
JAN	2010	641	248	265	8760	9915	14810	24725	327	248	247	821	8760	14810	24392	5350	677	0	35.8
FEB	2010	715	296	275	9045	10332	14618	24950	400	296	256	952	9045	14618	24615	1500	679	0	35.5
MAR	2010	774	334	274	9169	10550	14660	25210	457	334	253	1044	9169	14660	24872	1500	995	0	35.2
APR	2010	788	360	229	9179	10556	15007	25563	467	360	203	1030	9179	15007	25216	1500	1097	0	35.1