

**Date: February 12, 2008**

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

**Current Status**

	January inflow (unreg) (acre-feet)	Percent of Normal	Midnight February 11 Elevation	Reservoir Storage (acre-feet)
Fontenelle	24,000	79	6471.09	121,000
Flaming Gorge	24,000	53	6021.13	3,020,000
Blue Mesa	33,000	133	7478.44	495,000
Powell	336,000	83	3590.04	10,824,000
Navajo	26,000	117	6067.40	1,445,000

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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>

The Interim Guidelines contain provisions for specific April adjustments of the release from Lake Powell and the operation reflected in this 24 Month Study is consistent with such adjustments. It should be noted that such adjustments, as well as the coordinated operations in general, are sensitive to current inflow projections and may therefore change from month to month as new inflow projections are incorporated.

The February 24 Month study indicates that an April adjustment, with a change to the Equalization Tier, on April 1, 2008 would occur under the most probable forecasted April through July unregulated inflow into Lake Powell. This adjustment would result in additional releases from Lake Powell which are reflected in the study. However, it is possible that the forecasted inflow on April 1 may be such that an April adjustment is not required, and the 2008 water year release from Lake Powell is maintained at 8.23 million acre-feet.

***FONTENELLE*** - Releases from Fontenelle Reservoir are currently 700 cfs and will likely remain at this level until spring of 2008. The elevation of Fontenelle Reservoir is 6471.1 feet above sea level (about 33.9 feet from full pool). Inflows are averaging about 400 cfs so the reservoir elevation is declining slowly. By about April 1, 2008 the reservoir elevation will likely be near approaching 6467 feet above sea level before rebounding in the spring.

The water supply forecast for Fontenelle Reservoir inflow during the April through July period has been issued for the spring runoff season for 2008 by the Colorado Basin River Forecast Center. For February this forecast is calling for inflows to be 77% 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 6505.3 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) during the 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 next Working Group meeting is now scheduled for April 22, 2008 at 10:00 am at the visitor center of the Seedskaadee National Wildlife Refuge which is about 13 miles below Fontenelle Dam on the Green River. For more information about the Fontenelle Working Group, contact Ed Vidmar at 801-379-1182.

**FLAMING GORGE** - Releases from Flaming Gorge Dam are currently 800 cfs and steady. This release regime will most likely remain in place until May of 2008. The water supply forecast for unregulated inflow to Flaming Gorge during the April through July period has been issued by the Colorado Basin River Forecast Center. For January, this forecast is 71% of average (840,000 acre-feet). Precipitation in the Upper Green River Basin so far this water year has been 95% of average (as of February 7, 2008) while the snowpack conditions are 84% of average. The current water surface elevation of Flaming Gorge is 6021.21 feet above sea level.

Projected reservoir levels for water year 2008 currently show the elevation remaining relatively close to current levels until May of 2008. The projected elevation of Flaming Gorge Reservoir on May 1, 2008 is 6022.6 feet above sea level. The projected end of water year elevation of Flaming Gorge Reservoir is 6024.9 feet above sea level. Hydrologic conditions so far are leaning towards this year being in either the average or moderately dry hydrologic classification outlined in the Flaming Gorge Record of Decision, but there are still two months of potential snow accumulation that could change conditions dramatically before spring operations occur.

The next Flaming Gorge Working Group meeting is scheduled for April 16, 2008 in Vernal Utah. The meeting will be held at 10:00 a.m. at the Western Park Convention Center located at 302 East 200 South in Vernal Utah. For directions, please call 435-789-7396. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

**ASPINALL** – January unregulated inflow into Blue Mesa Reservoir was 33,000 acre-feet or 133 percent of average. On February 7 the basin snowpack was averaging 151 percent, which is up from 141 percent from January 7. Precipitation during January was 185 percent of average, while December's precipitation was recorded at 220 percent of average. The current inflow rate into Blue Mesa Reservoir is about 600 cfs while reservoir releases are averaging about 1800 cfs. This past fall and early winter months have seen above average reservoir inflows. Blue Mesa's present elevation is 7480.29 feet, which corresponds to a storage content of about 508,000 acre-feet.

The second Water Supply Forecast for Water Year 2008 has been issued and the April through July unregulated inflow is forecasted to be at 1,000,000 acre-feet (139% of normal), an increase of 220,000 acre-feet from last month's forecast. Based on this forecast, Blue Mesa Reservoir is projected to fill by early July 2008.

Releases from Crystal are currently set at 1800 cfs; however releases will be reduced to near 150 to 200 cfs on February 27<sup>th</sup> and again during the week of March 17 due to scheduled maintenance activities at Crystal and Blue Mesa Dam stilling basins. The Gunnison Diversion Tunnel was shut down for the season on October 30, 2007 with the exception of some small 50 to 100 cfs diversions taken bi-weekly for municipal water needs in Montrose, Colorado. The Gunnison River below the diversion tunnel is currently set at 1800 cfs. This rate will most likely change as conditions warrant, primarily as we respond to the forecasted inflows and to accommodate for maintenance activities.

The last meeting of the "Aspinall Unit Working Group" was held on Thursday, January 17, 2008 at 1:00 PM at the Pavilion Center in Montrose, Colorado. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2008 operations were 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** – With the recent snowstorms in the Four Corners Area has resulted in an increase in the current snowpack in the San Juan Mountains to as much as 170% of average. The current runoff forecast calls for an estimated 1,300,000 acre-feet inflow into Navajo Reservoir this spring/early summer, which is 168% of average. As a result, and following discussions with the U.S. Fish & Wildlife Service, the Bureau of Reclamation will be increasing the release from Navajo Reservoir to 3,000 cfs beginning Monday, February 11, 2008. The release will be increased by approximately 1,000 cfs per day, which will result in reservoir releases reaching 3,000 cfs on Wednesday, February 13, 2008. Subject to a dramatic change in the basin hydrology and forecasted inflow estimates, the release will likely remain at 3,000 cfs until May, at which time the release will be ramped up to 5,000 cfs where it will remain for approximately 30 days. More information will be provided on the timing and duration of the 5,000 cfs release as we get closer to May.

Releases are made for the authorized purposes of the Navajo Unit, and to attempt to meet flow recommendations for the endangered fish in the San Juan River.

Precipitation for the month of January in the San Juan River basin was 198 percent of average. Unregulated inflow into Navajo Reservoir during the month of January was 26,000 acre-feet, or 117 percent of average. The current daily reservoir inflow is averaging about 400 cfs and the water surface elevation is at 6067.85 feet which corresponds to a reservoir content of about 1,451,000 acre-feet. Diversions for NIIP are currently been shut down for the winter.

A public meeting on Navajo Reservoir operations was held on Tuesday, January 22, 2008 at 1:00 p.m. in Farmington, New Mexico. At this meeting, review of last summer and fall reservoir operations, and plans for next winter and spring 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.

### **Lake Powell - Glen Canyon Dam**

#### **Glen Canyon Dam Operations**

Releases from Glen Canyon Dam in February 2008 will average 10,400 cubic feet per second (cfs) with a total of 600,000 acre-feet scheduled to be released for the month. On Mondays through Fridays in February, daily release fluctuations due to load following will likely vary between a low of 8,500 cfs (during late evening and early morning off-peak hours) to a high of 14,500 cfs (during daylight and early evening on-peak hours). On Saturdays and Sundays, release fluctuations will likely vary between a low of 8,500 cfs to a high of 14,000 cfs.

In March 2008, a high flow test may be implemented. As a result of information resulting from scientific monitoring and research activities and stakeholder discussions in the Glen Canyon Dam Adaptive Management Program, Reclamation has proposed a 2008 high flow test. The release characteristics of such a test would be identical to the test conducted in November 2004 (with a maximum release of about 41,500 cfs for 60 hours), but under much more highly enriched fine sediment conditions, a unique situation during the last 10 years. The purpose of this test would be to determine the effectiveness of rebuilding and reworking sandbar deposits and backwaters in Marble and Grand Canyons. The Department of the Interior has concurred with (1) Reclamation's proposal to initiate environmental compliance activities on the proposed test, and (2) the United States Geological Survey's proposal to continue planning and scheduling scientific monitoring and research activities related to the test. The test is proposed to occur in early March; however, a final decision on whether to conduct such a test has not been made. Such a decision is currently expected to be made about mid-February 2008, only after environmental compliance actions are complete. The scheduled release volume for March 2008 in the current 24 month study is 600,000 acre-feet. If the high flow test occurs as proposed, the release volume for March 2008 may be adjusted to accommodate this test. The annual release from Lake Powell for water year 2008 would not change as a result of the high flow test.

## **Upper Colorado River Basin Hydrology**

Precipitation in the Upper Colorado River Basin was 160 percent of average in January 2008. This was the second month in a row where basin precipitation was well above normal making up for a very dry November 2007. Basin wide snowpack was only 35 percent of average on November 29, 2007, but has increased steadily during December 2007 and January 2008 to 132% of average on February 4, 2008. The climate outlook over the next 3 months is for near normal precipitation and above normal temperatures.

Inflow to Lake Powell is currently 7,400 cfs (February 4, 2008). Total unregulated inflow to Lake Powell so far in water year 2008 (October through January) is 82 percent of average with January measured at 83 percent of average.

Forecasted April through July unregulated inflow to Lake Powell in 2008 is 9.5 million acre-feet, 120 percent of average (February final forecast). This inflow projection could shift depending upon climate patterns the remainder of the winter and into the spring. Typically by February 1<sup>st</sup>, the snow accumulation season is about 60% complete.

The current elevation of Lake Powell (February 4, 2008) is 3,590.5 feet, 109.5 feet from full pool elevation of 3,700 feet. Reservoir storage is currently 10.87 million acre-feet, or 45 percent of capacity. The water surface elevation of Lake Powell is now near its seasonal low. In April, anticipated snowmelt runoff will cause the water surface elevation to begin to increase. Under the current inflow forecast, Lake Powell would reach a peak elevation of about 3639 feet in July 2008. The peak elevation for Lake Powell in 2007 was 3,611.7 feet.

## **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).

Reservoir storage in Lake Powell and Lake Mead has decreased during the past 8 years. Reservoir storage in Lake Powell is 45 percent of capacity. Storage in Lake Mead is 50 percent 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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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		dec	Forecast		Outlook		
:		oct	nov	dec	jan	%Avg	feb	mar	apr	apr-jul %Avg
GLDA3:Lake Powell		468	397	398	336	83%:	475/	800/	1450/	9500/: 120%
GBRW4:Fontenelle		33	32	27	24	79%:	24/	40/	80/	665/: 77%
GRNU1:Flaming Gorge		35	33	21	24	53%:	30/	75/	110/	840/: 71%
BMDC2:Blue Mesa		48	31	33	33	133%:	25/	40/	95/	1000/: 139%
MPSC2:Morrow Point		43	28	31	29	106%:	28/	45/	110/	1100/: 140%
CLSC2:Crystal		48	32	35	34	106%:	32/	55/	125/	1250/: 137%
TPIC2:Taylor Park		7.2	4.1	4.9	4.8	109%:	3.9/	4/	8.5/	135/: 131%
VCRC2:Vallecito		15.1	6.7	7.7	6.4	122%:	5/	8/	27/	285/: 139%
NVRN5:Navajo		41	18.8	46	26	117%:	33/	135/	285/	1300/: 166%
LEMC2:Lemon		3.1	0.96	1.20	1.00	110%:	.7/	1.3/	6.5/	80/: 138%
MPHC2:McPhee		8.4	3.9	6.3	5.0e	111%:	5/	22/	100/	470/: 147%
RBSC2:Ridgway		9.0	5.9	5.5	4.5	117%:	/	/	/	140/: 137%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 2/2008 Most Prob Water Supply  
Fontenelle Reservoir

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	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
* Feb 2007	26	0	50	0	50	6471.76	127
H Mar 2007	62	0	56	0	56	6473.15	133
I Apr 2007	49	1	51	0	51	6472.62	131
S May 2007	109	1	49	0	49	6483.80	189
T Jun 2007	89	2	48	0	48	6489.96	228
O Jul 2007	46	2	50	0	50	6489.09	222
R Aug 2007	35	2	50	0	50	6486.48	205
I Sep 2007	25	1	27	16	43	6483.42	186
WY 2007	578	14	602	16	618		
C Oct 2007	33	1	37	6	44	6481.38	175
A Nov 2007	32	1	41	2	42	6479.48	164
L Dec 2007	27	1	43	0	44	6476.19	147
* Jan 2008	24	0	43	0	43	6472.00	128
Feb 2008	24	0	40	0	40	6468.05	111
Mar 2008	40	0	43	0	43	6467.20	108
Apr 2008	80	1	46	0	46	6474.91	141
May 2008	154	1	81	0	81	6487.61	213
Jun 2008	269	2	104	70	175	6500.73	304
Jul 2008	162	3	100	22	122	6505.56	342
Aug 2008	76	2	92	0	92	6503.19	323
Sep 2008	47	2	59	12	71	6499.74	297
WY 2008	968	15	730	113	843		
Oct 2008	49	1	71	0	71	6496.56	274
Nov 2008	41	1	68	0	68	6492.56	245
Dec 2008	32	1	71	0	71	6486.59	206
Jan 2009	30	1	71	0	71	6479.53	164
Feb 2009	27	0	64	0	64	6471.82	127
Mar 2009	51	0	73	0	73	6466.55	105
Apr 2009	89	1	89	0	89	6466.28	104
May 2009	176	1	97	11	108	6480.71	171
Jun 2009	308	2	103	70	173	6500.66	304
Jul 2009	186	3	101	47	148	6505.23	340
Aug 2009	83	2	100	1	100	6502.73	320
Sep 2009	49	2	59	13	72	6499.44	295
WY 2009	1120	15	966	141	1107		
Oct 2009	49	1	74	0	74	6495.82	268
Nov 2009	41	1	71	0	71	6491.35	237
Dec 2009	32	1	74	0	74	6484.78	195
Jan 2010	30	1	71	0	71	6477.31	153



OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 2/2008 Most Prob Water Supply  
 Flaming Gorge Reservoir

11-feb-2008 11:16:55

	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
* Feb 2007	45	69	2	66	0	66	87	6023.65	3111	0	392
H Mar 2007	119	113	3	51	0	51	90	6025.19	3167	0	221
I Apr 2007	73	75	5	50	0	50	90	6025.71	3187	0	263
S May 2007	164	106	8	138	0	138	89	6024.67	3148	0	525
T Jun 2007	90	49	10	69	0	69	88	6023.89	3119	0	227
O Jul 2007	42	45	13	55	0	55	87	6023.31	3098	0	81
R Aug 2007	32	46	12	51	0	51	86	6022.87	3082	0	66
I Sep 2007	23	40	10	49	0	49	85	6022.35	3063	0	72
WY 2007	744	784	77	777	0	777					2764
C Oct 2007	35	46	7	49	1	50	85	6022.07	3053	0	95
A Nov 2007	33	42	3	49	0	49	85	6021.81	3044	0	83
L Dec 2007	21	37	2	41	9	50	84	6021.40	3029	0	83
* Jan 2008	24	43	2	50	0	50	84	6021.15	3020	0	0
Feb 2008	30	46	2	46	0	46	84	6021.10	3019	0	46
Mar 2008	75	78	3	49	0	49	84	6021.80	3044	0	49
Apr 2008	110	76	5	48	0	48	85	6022.43	3067	0	48
May 2008	218	145	7	132	0	132	85	6022.58	3072	0	132
Jun 2008	331	236	10	175	0	175	87	6023.95	3122	0	175
Jul 2008	182	141	13	85	0	85	88	6025.10	3164	0	85
Aug 2008	85	102	12	85	0	85	89	6025.23	3169	0	85
Sep 2008	55	80	11	82	0	82	88	6024.89	3156	0	82
WY 2008	1198	1073	77	891	10	900					962
Oct 2008	59	81	7	85	0	85	88	6024.63	3146	0	85
Nov 2008	51	79	3	82	0	82	88	6024.46	3140	0	82
Dec 2008	37	76	2	85	0	85	87	6024.18	3130	0	85
Jan 2009	41	82	2	85	0	85	87	6024.06	3126	0	85
Feb 2009	45	82	2	76	0	76	87	6024.16	3129	0	76
Mar 2009	103	125	3	85	0	85	88	6025.14	3165	0	85
Apr 2009	142	143	5	82	0	82	90	6026.60	3220	0	82
May 2009	263	195	8	142	0	142	92	6027.76	3263	0	142
Jun 2009	400	264	10	234	0	234	92	6028.26	3282	0	234
Jul 2009	219	181	14	106	0	106	94	6029.81	3342	0	106
Aug 2009	97	114	13	106	0	106	94	6029.69	3337	0	106
Sep 2009	58	82	11	103	0	103	93	6028.88	3306	0	103
WY 2009	1516	1504	79	1270	0	1270					1270
Oct 2009	59	85	7	106	0	106	92	6028.15	3278	0	106
Nov 2009	51	82	3	103	0	103	91	6027.53	3255	0	103
Dec 2009	37	79	2	106	0	106	91	6026.78	3226	0	106
Jan 2010	41	82	2	106	0	106	90	6026.11	3201	0	106

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 2/2008 Most Prob Water Supply  
Taylor Park Reservoir

11-feb-2008 11:16:55

	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Feb 2007	3	4	9314.65	78
H Mar 2007	6	5	9315.67	79
I Apr 2007	8	5	9317.64	83
S May 2007	27	11	9325.94	98
T Jun 2007	27	23	9327.98	102
O Jul 2007	15	25	9322.65	92
R Aug 2007	10	18	9318.20	84
I Sep 2007	8	14	9314.67	78
WY 2007	130	125		
C Oct 2007	7	7	9314.68	78
A Nov 2007	4	4	9314.68	78
L Dec 2007	5	5	9314.89	78
* Jan 2008	5	4	9315.09	78
Feb 2008	4	5	9314.65	78
Mar 2008	5	5	9314.63	78
Apr 2008	11	18	9310.26	70
May 2008	37	32	9313.50	76
Jun 2008	59	34	9327.14	100
Jul 2008	28	34	9324.05	95
Aug 2008	13	20	9320.04	87
Sep 2008	8	16	9315.41	79
WY 2008	186	184		
Oct 2008	6	12	9311.88	73
Nov 2008	5	6	9311.19	72
Dec 2008	4	5	9310.83	71
Jan 2009	4	5	9310.32	70
Feb 2009	4	5	9309.63	69
Mar 2009	4	5	9309.15	69
Apr 2009	8	10	9308.07	67
May 2009	27	18	9313.77	76
Jun 2009	43	20	9326.36	99
Jul 2009	20	22	9325.55	97
Aug 2009	10	20	9320.25	87
Sep 2009	7	14	9316.29	80
WY 2009	143	142		
Oct 2009	6	12	9312.80	74
Nov 2009	5	6	9312.12	73
Dec 2009	4	5	9311.77	73
Jan 2010	4	5	9311.27	72

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 2/2008 Most Prob Water Supply  
Blue Mesa Reservoir

11-feb-2008 11:16:55

	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
* Feb 2007	26	27	0	54	0	54	7478.89	498
H Mar 2007	55	54	0	38	0	38	7481.01	513
I Apr 2007	67	64	1	43	0	43	7483.72	533
S May 2007	189	174	1	41	0	41	7500.42	665
T Jun 2007	174	169	1	47	0	47	7514.60	786
O Jul 2007	81	91	2	99	0	99	7513.48	776
R Aug 2007	75	83	1	109	0	109	7510.40	749
I Sep 2007	50	56	1	117	0	117	7503.06	687
WY 2007	895	889	9	861	0	861		
C Oct 2007	48	48	1	85	0	85	7498.53	649
A Nov 2007	31	31	0	65	0	65	7494.31	615
L Dec 2007	33	33	0	67	0	67	7489.90	581
* Jan 2008	33	33	0	93	0	93	7481.92	520
Feb 2008	25	26	0	95	0	95	7472.18	451
Mar 2008	40	40	0	114	0	114	7460.82	376
Apr 2008	95	102	1	139	0	139	7454.62	339
May 2008	318	313	1	163	0	163	7477.46	488
Jun 2008	406	381	1	154	0	154	7506.27	714
Jul 2008	181	187	2	97	0	97	7516.35	802
Aug 2008	82	90	1	118	0	118	7513.06	773
Sep 2008	42	50	1	114	0	114	7505.59	708
WY 2008	1335	1334	8	1305	0	1305		
Oct 2008	35	41	1	91	0	91	7499.53	657
Nov 2008	31	32	0	60	0	60	7496.01	629
Dec 2008	25	26	0	73	0	73	7490.00	581
Jan 2009	24	25	0	73	0	73	7483.66	533
Feb 2009	22	23	0	60	0	60	7478.60	496
Mar 2009	34	35	0	61	0	61	7474.88	469
Apr 2009	73	75	1	72	0	72	7475.20	472
May 2009	212	203	1	64	0	64	7493.58	610
Jun 2009	271	248	1	66	0	66	7515.04	790
Jul 2009	121	122	2	108	0	108	7516.41	803
Aug 2009	62	72	1	122	0	122	7510.59	751
Sep 2009	36	43	1	106	0	106	7503.12	687
WY 2009	946	944	9	956	0	956		
Oct 2009	35	41	1	82	0	82	7498.08	646
Nov 2009	31	32	0	52	0	52	7495.54	625
Dec 2009	25	26	0	69	0	69	7490.00	581
Jan 2010	24	25	0	73	0	73	7483.66	533

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 2/2008 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
* Feb 2007	24	54	-2	51	0	51	0	51	7145.91	106
H Mar 2007	58	38	3	41	0	34	0	34	7154.36	113
I Apr 2007	73	43	6	49	0	50	0	50	7153.49	112
S May 2007	202	41	13	54	0	53	0	53	7154.94	113
T Jun 2007	179	47	4	51	0	52	0	52	7153.84	112
O Jul 2007	73	99	-7	92	0	92	0	92	7153.52	112
R Aug 2007	67	109	-8	101	0	100	0	100	7154.39	113
I Sep 2007	41	117	-8	109	0	107	0	107	7156.75	114
WY 2007	883	861	-12	849	1	839	0	839		
C Oct 2007	43	85	-4	80	0	85	0	85	7150.81	110
A Nov 2007	28	65	-3	62	0	63	0	63	7149.32	109
L Dec 2007	31	67	-2	65	0	62	0	62	7152.91	111
* Jan 2008	29	93	-4	89	0	87	0	87	7156.26	114
Feb 2008	28	95	3	98	0	100	0	100	7153.73	112
Mar 2008	45	114	5	119	0	119	0	119	7153.73	112
Apr 2008	109	139	14	153	0	153	0	153	7153.73	112
May 2008	358	163	40	203	0	203	0	203	7153.73	112
Jun 2008	441	154	34	188	0	188	0	188	7153.73	112
Jul 2008	192	97	11	108	0	108	0	108	7153.73	112
Aug 2008	87	118	5	123	0	123	0	123	7153.73	112
Sep 2008	46	114	3	117	0	117	0	117	7153.73	112
WY 2008	1437	1305	102	1407	0	1409	0	1409		
Oct 2008	38	91	3	94	0	94	0	94	7153.73	112
Nov 2008	33	60	2	62	0	62	0	62	7153.73	112
Dec 2008	27	73	2	75	0	75	0	75	7153.73	112
Jan 2009	26	73	2	75	0	75	0	75	7153.73	112
Feb 2009	25	60	3	63	0	63	0	63	7153.73	112
Mar 2009	38	61	4	65	0	65	0	65	7153.73	112
Apr 2009	84	72	11	83	0	83	0	83	7153.73	112
May 2009	237	64	25	89	0	89	0	89	7153.73	112
Jun 2009	292	66	21	87	0	87	0	87	7153.73	112
Jul 2009	127	108	7	115	0	115	0	115	7153.73	112
Aug 2009	65	122	4	126	0	126	0	126	7153.73	112
Sep 2009	39	106	3	109	0	109	0	109	7153.73	112
WY 2009	1032	956	86	1043	0	1043	0	1043		
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	69	2	71	0	71	0	71	7153.73	112
Jan 2010	26	73	2	75	0	75	0	75	7153.73	112

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 2/2008 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
* Feb 2007	27	51	3	55	25	30	54	6739.24	13	2	57
H Mar 2007	67	34	8	43	42	0	42	6739.82	13	1	43
I Apr 2007	84	50	11	61	57	0	57	6751.74	17	31	29
S May 2007	228	53	25	78	78	0	78	6751.27	16	53	29
T Jun 2007	200	52	21	73	74	0	74	6745.12	15	51	28
O Jul 2007	80	92	7	99	98	0	98	6748.50	16	66	37
R Aug 2007	74	100	7	107	108	0	108	6744.63	15	63	51
I Sep 2007	46	107	5	112	112	0	112	6746.25	15	56	62
WY 2007	991	839	108	947	907	39	946			363	633
C Oct 2007	48	85	5	90	90	0	90	6745.51	15	38	54
A Nov 2007	32	63	4	67	66	0	66	6748.78	16	1	70
L Dec 2007	35	62	5	67	68	0	68	6742.95	14	1	73
* Jan 2008	34	87	5	91	77	13	90	6748.45	16	1	100
Feb 2008	32	100	4	104	87	16	103	6753.04	17	0	103
Mar 2008	55	119	10	129	129	0	129	6753.04	17	5	124
Apr 2008	125	153	16	169	130	39	169	6753.04	17	30	139
May 2008	410	203	52	255	134	121	255	6753.04	17	55	200
Jun 2008	497	188	57	245	130	115	245	6753.04	17	60	185
Jul 2008	218	108	25	134	134	0	134	6753.04	17	65	69
Aug 2008	98	123	11	134	134	0	134	6753.04	17	65	69
Sep 2008	53	117	7	125	125	0	125	6753.04	17	55	70
WY 2008	1638	1409	201	1610	1304	304	1608			376	1255
Oct 2008	44	94	7	100	100	0	100	6753.04	17	30	70
Nov 2008	38	62	5	67	67	0	67	6753.04	17	0	67
Dec 2008	32	75	5	80	80	0	80	6753.04	17	0	80
Jan 2009	31	75	5	80	80	0	80	6753.04	17	0	80
Feb 2009	29	63	4	67	67	0	67	6753.04	17	0	67
Mar 2009	46	65	7	72	72	0	72	6753.04	17	5	67
Apr 2009	96	83	12	95	95	0	95	6753.04	17	30	65
May 2009	272	89	35	124	124	0	124	6753.04	17	55	69
Jun 2009	330	87	38	125	125	0	125	6753.04	17	60	65
Jul 2009	144	115	17	132	132	0	132	6753.04	17	65	67
Aug 2009	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2009	45	109	6	115	115	0	115	6753.04	17	55	60
WY 2009	1183	1043	151	1193	1194	0	1193			365	829
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	71	5	76	76	0	76	6753.04	17	0	76
Jan 2010	31	75	5	80	80	0	80	6753.04	17	0	80

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 2/2008 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
* Feb 2007	5	5	7645.51	76
H Mar 2007	14	5	7649.56	86
I Apr 2007	22	5	7656.47	103
S May 2007	68	45	7664.82	125
T Jun 2007	67	68	7664.36	124
O Jul 2007	23	41	7657.48	106
R Aug 2007	27	34	7654.84	99
I Sep 2007	18	34	7648.41	83
WY 2007	330	327		
C Oct 2007	15	31	7641.28	67
A Nov 2007	7	4	7642.40	69
L Dec 2007	8	3	7644.42	74
* Jan 2008	6	4	7645.29	76
Feb 2008	5	14	7641.42	67
Mar 2008	8	21	7635.05	54
Apr 2008	27	27	7634.92	54
May 2008	101	69	7649.26	85
Jun 2008	113	74	7664.18	123
Jul 2008	45	47	7663.12	120
Aug 2008	25	43	7656.01	102
Sep 2008	20	42	7646.73	79
WY 2008	379	379		
Oct 2008	13	24	7641.71	68
Nov 2008	8	5	7643.12	71
Dec 2008	6	6	7643.30	71
Jan 2009	5	5	7643.34	72
Feb 2009	5	5	7643.35	72
Mar 2009	8	5	7644.63	74
Apr 2009	22	10	7649.66	86
May 2009	69	38	7661.90	117
Jun 2009	78	73	7663.59	122
Jul 2009	31	43	7658.77	109
Aug 2009	19	40	7650.26	88
Sep 2009	17	30	7644.64	74
WY 2009	281	283		
Oct 2009	13	15	7643.62	72
Nov 2009	8	4	7645.44	76
Dec 2009	6	4	7646.26	78
Jan 2010	5	5	7646.30	78

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 2/2008 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
* Feb 2007	31	0	31	1	1	29	6074.65	1546	53
H Mar 2007	126	13	104	2	5	41	6078.51	1603	76
I Apr 2007	121	18	87	3	20	44	6079.81	1622	90
S May 2007	258	34	200	4	25	212	6077.03	1581	257
T Jun 2007	182	27	154	5	37	73	6079.68	1620	169
O Jul 2007	33	4	46	5	38	46	6076.77	1577	81
R Aug 2007	61	7	59	4	33	48	6074.98	1551	82
I Sep 2007	27	2	41	3	23	56	6072.10	1510	80
WY 2007	1097	119	974	31	192	660			1160
C Oct 2007	41	0	57	2	10	46	6072.01	1509	79
A Nov 2007	19	0	17	1	1	43	6070.07	1482	57
L Dec 2007	46	0	40	1	0	42	6069.89	1479	67
* Jan 2008	26	0	24	1	0	47	6068.19	1456	68
Feb 2008	33	0	42	1	0	128	6061.61	1368	128
Mar 2008	135	0	148	2	3	184	6058.37	1327	184
Apr 2008	285	10	275	3	15	179	6064.50	1406	179
May 2008	472	42	398	4	28	226	6074.70	1547	226
Jun 2008	417	54	325	5	42	252	6076.47	1573	252
Jul 2008	125	33	94	5	45	31	6077.37	1586	31
Aug 2008	63	5	77	4	38	32	6077.57	1589	32
Sep 2008	52	1	74	3	22	30	6078.83	1607	30
WY 2008	1715	145	1571	30	204	1239			1333
Oct 2008	38	0	49	2	7	31	6079.43	1616	31
Nov 2008	33	1	29	1	0	30	6079.28	1614	30
Dec 2008	24	0	23	1	0	31	6078.73	1606	31
Jan 2009	22	0	22	1	0	31	6078.08	1596	31
Feb 2009	30	0	30	1	0	28	6078.17	1598	28
Mar 2009	88	4	81	2	4	47	6080.09	1626	47
Apr 2009	174	13	149	3	17	119	6080.77	1636	119
May 2009	279	0	247	4	31	206	6081.13	1642	206
Jun 2009	246	40	201	5	47	212	6076.92	1579	212
Jul 2009	74	13	73	5	51	31	6076.02	1566	31
Aug 2009	43	13	51	4	42	31	6074.21	1540	31
Sep 2009	42	4	51	3	24	30	6073.78	1534	30
WY 2009	1094	88	1007	32	223	825			825
Oct 2009	38	0	40	2	7	31	6073.78	1534	31
Nov 2009	33	0	29	1	0	30	6073.62	1531	30
Dec 2009	24	0	22	1	0	31	6072.95	1522	31
Jan 2010	22	0	22	1	0	31	6072.26	1512	31

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 2/2008 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
* Feb 2007	408	455	9	604	0	604	3597.91	18464	11552	619
H Mar 2007	797	682	15	602	0	602	3598.81	18444	11637	606
I Apr 2007	802	701	24	600	0	600	3600.35	18374	11784	604
S May 2007	1577	1441	29	601	0	601	3609.61	18276	12691	606
T Jun 2007	1308	1072	47	801	0	801	3611.50	18309	12882	811
O Jul 2007	365	453	56	804	0	804	3607.35	18318	12465	819
R Aug 2007	378	437	54	804	0	804	3603.58	18266	12095	818
I Sep 2007	296	454	49	604	0	604	3601.87	18232	11929	617
WY 2007	8231	8080	388	8231	0	8231				8397
C Oct 2007	467	540	34	601	0	601	3600.62	18258	11809	611
A Nov 2007	397	470	32	603	0	603	3598.63	18281	11620	616
L Dec 2007	398	455	25	803	0	803	3594.64	18282	11246	815
* Jan 2008	336	440	8	801	0	801	3590.66	18278	10880	813
Feb 2008	475	657	17	600	0	600	3591.07	18281	10917	600
Mar 2008	800	901	21	600	0	600	3593.89	18302	11176	600
Apr 2008	1450	1350	25	600	0	600	3601.02	18356	11848	600
May 2008	2755	2338	36	800	0	800	3614.98	18467	13238	800
Jun 2008	3580	3103	45	800	0	800	3634.21	18634	15329	800
Jul 2008	1715	1518	54	910	0	910	3638.64	18675	15843	910
Aug 2008	670	716	56	910	0	910	3636.65	18657	15611	910
Sep 2008	502	600	48	692	0	692	3635.53	18647	15482	692
WY 2008	13545	13087	401	8719	0	8719				8767
Oct 2008	506	588	43	600	0	600	3635.09	18642	15430	600
Nov 2008	523	581	36	600	0	600	3634.65	18638	15380	600
Dec 2008	418	520	30	800	0	800	3632.13	18616	15093	800
Jan 2009	384	486	22	800	0	800	3629.36	18591	14782	800
Feb 2009	395	461	21	600	0	600	3628.04	18579	14634	600
Mar 2009	628	603	26	600	0	600	3627.84	18577	14612	600
Apr 2009	952	866	29	850	0	850	3627.73	18576	14600	850
May 2009	2161	1851	40	1000	0	1000	3634.39	18636	15350	1000
Jun 2009	2808	2491	48	1100	0	1100	3644.93	18735	16593	1100
Jul 2009	1345	1240	57	1155	0	1155	3645.15	18738	16619	1155
Aug 2009	566	679	57	1155	0	1155	3641.03	18698	16125	1155
Sep 2009	459	589	49	800	0	800	3639.00	18679	15885	800
WY 2009	11147	10954	459	10060	0	10060				10060
Oct 2009	506	600	44	600	0	600	3638.65	18676	15844	600
Nov 2009	523	593	37	600	0	600	3638.31	18672	15804	600
Dec 2009	418	538	30	800	0	800	3635.98	18651	15533	800
Jan 2010	384	507	23	800	0	800	3633.44	18627	15241	800



OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 2/2008 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
* Feb 2007	604	67	33	647	11.6	12	646	929	1129.35	14288
H Mar 2007	602	45	37	970	15.8	22	969	905	1125.79	13930
I Apr 2007	600	26	45	1093	18.4	24	1089	873	1120.69	13426
S May 2007	601	17	51	1026	16.7	34	1024	843	1115.89	12963
T Jun 2007	801	10	61	958	16.1	35	957	828	1113.50	12735
O Jul 2007	804	67	76	950	15.5	39	949	816	1111.58	12554
R Aug 2007	804	138	80	803	13.1	33	801	818	1111.84	12578
I Sep 2007	604	63	66	656	11.0	24	653	813	1111.06	12505
WY 2007	8231	677	633	9450		297	9420			
C Oct 2007	601	32	48	570	9.3	26	564	812	1110.95	12494
A Nov 2007	603	67	48	576	9.7	19	575	814	1111.22	12520
L Dec 2007	803	94	42	477	7.8	17	467	836	1114.81	12860
* Jan 2008	801	86	34	672	10.9	12	660	846	1116.46	13017
Feb 2008	600	120	32	607	10.6	12	607	850	1117.13	13082
Mar 2008	600	87	35	940	15.3	16	940	832	1114.13	12796
Apr 2008	600	74	43	1058	17.8	22	1058	804	1109.66	12374
May 2008	800	65	49	1043	17.0	35	1043	788	1107.01	12128
Jun 2008	800	16	59	944	15.9	34	944	775	1104.76	11921
Jul 2008	910	57	73	902	14.7	33	902	772	1104.33	11882
Aug 2008	910	115	78	818	13.3	30	818	778	1105.34	11975
Sep 2008	692	79	64	707	11.9	33	707	776	1105.00	11944
WY 2008	8719	892	605	9314		290	9285			
Oct 2008	600	68	47	475	7.7	31	475	783	1106.18	12052
Nov 2008	600	68	47	542	9.1	23	542	787	1106.75	12104
Dec 2008	800	61	41	547	8.9	11	547	803	1109.40	12350
Jan 2009	800	126	34	676	11.0	13	676	815	1111.44	12541
Feb 2009	600	116	31	608	11.0	13	608	819	1112.07	12600
Mar 2009	600	87	35	931	15.1	17	931	801	1109.10	12322
Apr 2009	850	74	43	1043	17.5	23	1043	790	1107.23	12149
May 2009	1000	65	49	1066	17.3	35	1066	785	1106.37	12069
Jun 2009	1100	16	59	1002	16.8	34	1002	786	1106.59	12089
Jul 2009	1155	57	74	932	15.2	33	932	796	1108.34	12251
Aug 2009	1155	115	79	818	13.3	30	818	817	1111.78	12573
Sep 2009	800	79	66	713	12.0	33	713	821	1112.45	12636
WY 2009	10060	931	604	9354		296	9354			
Oct 2009	600	68	48	482	7.8	31	482	828	1113.50	12736
Nov 2009	600	68	48	518	8.7	24	518	833	1114.26	12808
Dec 2009	800	61	42	574	9.3	12	574	847	1116.56	13028
Jan 2010	800	128	35	660	10.7	13	660	860	1118.71	13234

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 2/2008 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
* Feb 2007	647	-16	649	0	649	11.7	640.75	1638
H Mar 2007	970	-28	895	0	895	14.6	642.49	1685
I Apr 2007	1093	-34	1001	0	1001	16.8	644.58	1742
S May 2007	1026	-37	996	0	996	16.2	644.29	1734
T Jun 2007	958	-34	965	0	965	16.2	642.79	1693
O Jul 2007	950	-31	916	0	916	14.9	642.89	1696
R Aug 2007	803	-29	786	0	786	12.8	642.45	1684
I Sep 2007	656	-18	777	0	777	13.0	637.26	1545
WY 2007	9450	-248	9241	0	9241			
C Oct 2007	570	-14	635	0	635	10.3	634.21	1465
A Nov 2007	576	-16	516	0	516	8.7	635.89	1509
L Dec 2007	477	-24	396	0	396	6.4	638.03	1565
* Jan 2008	672	-27	547	0	547	8.9	641.68	1663
Feb 2008	607	-14	584	0	584	10.1	642.00	1671
Mar 2008	940	-24	888	0	888	14.4	643.00	1699
Apr 2008	1058	-29	1028	0	1028	17.3	643.01	1699
May 2008	1043	-32	1010	0	1010	16.4	643.01	1699
Jun 2008	944	-27	945	0	945	15.9	642.00	1671
Jul 2008	902	-24	891	0	891	14.5	641.50	1658
Aug 2008	818	-24	794	0	794	12.9	641.50	1658
Sep 2008	707	-17	783	0	783	13.2	638.00	1564
WY 2008	9314	-279	9015	0	9015			
Oct 2008	475	-2	603	0	603	9.8	633.00	1434
Nov 2008	542	-15	501	0	501	8.4	634.00	1460
Dec 2008	547	-18	406	0	406	6.6	638.71	1583
Jan 2009	676	-20	573	0	573	9.3	641.80	1666
Feb 2009	608	-14	594	0	594	10.7	641.80	1666
Mar 2009	931	-24	872	0	872	14.2	643.05	1700
Apr 2009	1043	-29	1015	0	1015	17.1	643.01	1699
May 2009	1066	-32	1033	0	1033	16.8	643.01	1699
Jun 2009	1002	-27	1003	0	1003	16.8	642.00	1671
Jul 2009	932	-24	921	0	921	15.0	641.50	1658
Aug 2009	818	-24	793	0	793	12.9	641.50	1658
Sep 2009	713	-17	789	0	789	13.3	638.00	1564
WY 2009	9354	-252	9101	0	9101			
Oct 2009	482	-2	610	0	610	9.9	633.00	1434
Nov 2009	518	-15	477	0	477	8.0	634.00	1460
Dec 2009	574	-18	432	0	432	7.0	638.71	1583
Jan 2010	660	-15	561	0	561	9.1	641.80	1666

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 2/2008 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
* Feb 2007	649	-19	472	8.5	59	131	445.97	542	149	2.7
H Mar 2007	895	0	684	11.1	20	171	447.06	562	203	3.3
I Apr 2007	1001	-4	751	12.6	76	161	447.53	571	198	3.3
S May 2007	996	-11	721	11.7	86	159	448.56	591	109	1.8
T Jun 2007	965	-20	721	12.1	83	145	448.30	586	118	2.0
O Jul 2007	916	-1	749	12.2	64	100	448.35	587	124	2.0
R Aug 2007	786	-12	634	10.3	98	42	448.28	585	97	1.6
I Sep 2007	777	-6	555	9.3	91	134	447.77	576	92	1.5
WY 2007	9241	-94	6803		689	1633			1514	
C Oct 2007	635	2	455	7.4	27	164	447.28	566	80	1.3
A Nov 2007	516	3	336	5.6	29	147	447.65	573	104	1.8
L Dec 2007	396	10	270	4.4	35	118	446.77	557	128	2.1
* Jan 2008	547	5	306	5.0	82	167	446.67	555	132	2.1
Feb 2008	584	33	394	6.8	67	159	446.50	552	149	2.6
Mar 2008	888	31	697	11.3	38	173	447.00	561	202	3.3
Apr 2008	1028	-4	765	12.9	64	162	448.71	594	195	3.3
May 2008	1010	-14	725	11.8	98	172	448.71	594	109	1.8
Jun 2008	945	-24	674	11.3	95	151	448.71	594	120	2.0
Jul 2008	891	-16	727	11.8	86	75	448.00	580	124	2.0
Aug 2008	794	-11	627	10.2	86	79	447.50	570	93	1.5
Sep 2008	783	-11	563	9.5	83	138	446.81	557	89	1.5
WY 2008	9015	1	6539		791	1705			1526	
Oct 2008	603	3	472	7.7	34	109	446.31	548	75	1.2
Nov 2008	501	11	381	6.4	33	94	446.50	552	101	1.7
Dec 2008	406	10	320	5.2	11	84	446.50	552	122	2.0
Jan 2009	573	23	350	5.7	67	179	446.50	552	122	2.0
Feb 2009	594	32	386	7.0	79	160	446.50	552	149	2.7
Mar 2009	872	31	699	11.4	26	174	446.70	555	202	3.3
Apr 2009	1015	-4	758	12.7	55	160	448.71	594	195	3.3
May 2009	1033	-14	737	12.0	101	180	448.71	594	109	1.8
Jun 2009	1003	-24	741	12.5	110	127	448.71	594	120	2.0
Jul 2009	921	-16	744	12.1	114	60	448.00	580	124	2.0
Aug 2009	793	-11	611	9.9	114	66	447.50	570	93	1.5
Sep 2009	789	-11	549	9.2	110	131	446.81	557	89	1.5
WY 2009	9101	26	6748		854	1525			1500	
Oct 2009	610	3	465	7.6	40	117	446.31	548	75	1.2
Nov 2009	477	11	373	6.3	19	93	446.50	552	101	1.7
Dec 2009	432	10	304	4.9	16	122	446.50	552	122	2.0
Jan 2010	561	35	350	5.7	67	179	446.50	552	165	2.7

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 2/2008 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
* Feb 2007	647	11.6	1129.35	14288	-20	0.00	969.0	267.6	55	413.7
H Mar 2007	970	15.8	1125.79	13930	-358	0.00	1319.0	406.2	74	418.7
I Apr 2007	1093	18.4	1120.69	13426	-504	0.00	1275.0	455.6	73	416.9
S May 2007	1026	16.7	1115.89	12963	-463	0.00	1506.0	417.8	88	407.3
T Jun 2007	958	16.1	1113.50	12735	-228	0.00	1742.0	384.0	100	400.9
O Jul 2007	950	15.5	1111.58	12554	-181	0.00	1730.0	377.2	100	397.0
R Aug 2007	803	13.1	1111.84	12578	24	0.00	1704.0	315.2	100	392.6
I Sep 2007	656	11.0	1111.06	12505	-73	0.00	1500.0	252.9	88	385.6
WY 2007	9450							3826.0		
C Oct 2007	570	9.3	1110.95	12494	-10	0.00	1363.0	219.9	80	385.9
A Nov 2007	575	9.7	1111.22	12520	25	0.00	1056.0	225.1	62	391.4
L Dec 2007	477	7.8	1114.81	12860	340	0.00	1074.0	183.5	63	385.0
* Jan 2008	672	10.9	1116.46	13017	158	0.00	1183.0	268.3	69	399.2
Feb 2008	607	10.6	1117.13	13082	65	467.87	1892069.6	251.8	63	414.6
Mar 2008	940	15.3	1114.13	12796	-286	464.96	2252463.8	397.0	75	422.5
Apr 2008	1058	17.8	1109.66	12374	-422	459.59	2588762.5	440.8	87	416.8
May 2008	1043	17.0	1107.01	12128	-246	456.15	2486062.0	428.8	86	411.3
Jun 2008	944	15.9	1104.76	11921	-207	452.52	2864805.0	385.6	100	408.2
Jul 2008	902	14.7	1104.33	11882	-39	451.68	2864805.0	363.8	100	403.2
Aug 2008	818	13.3	1105.34	11975	93	452.14	2864805.0	333.7	100	407.8
Sep 2008	707	11.9	1105.00	11944	-31	453.61	2864805.0	285.2	100	403.2
WY 2008	9313							3783.4		
Oct 2008	475	7.7	1106.18	12052	108	460.64	1690235.0	194.7	59	409.6
Nov 2008	542	9.1	1106.75	12104	52	461.61	2091307.8	219.2	73	404.5
Dec 2008	547	8.9	1109.40	12350	246	460.57	2377788.2	219.3	83	400.5
Jan 2009	676	11.0	1111.44	12541	191	461.35	2148136.2	276.7	74	409.2
Feb 2009	608	11.0	1112.07	12600	60	460.35	2496482.8	246.7	86	405.6
Mar 2009	931	15.1	1109.10	12322	-278	459.10	2377788.2	386.3	83	414.7
Apr 2009	1043	17.5	1107.23	12149	-173	455.86	2492380.2	430.7	87	412.8
May 2009	1066	17.3	1106.37	12069	-79	453.10	2831916.0	433.2	100	406.5
Jun 2009	1002	16.8	1106.59	12089	20	453.11	2831916.0	405.5	100	404.7
Jul 2009	932	15.2	1108.34	12251	162	454.59	2831916.0	379.7	100	407.4
Aug 2009	818	13.3	1111.78	12573	321	457.33	2831916.0	336.8	100	411.9
Sep 2009	713	12.0	1112.45	12636	63	460.51	2831916.0	291.5	100	408.9
WY 2009	9354							3820.2		
Oct 2009	482	7.8	1113.50	12736	100	465.79	2237213.5	197.8	79	410.6
Nov 2009	518	8.7	1114.26	12808	72	467.46	2463766.8	209.1	87	403.3
Dec 2009	574	9.3	1116.56	13028	220	467.88	2350490.2	234.5	83	408.7
Jan 2010	660	10.7	1118.71	13234	207	468.53	2095617.9	272.5	74	413.0

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 2/2008 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
* Feb 2007	649	11.7	640.75	1638	-18	0.00	204.0	81.2	80	125.2
H Mar 2007	895	14.6	642.49	1685	47	0.00	212.0	112.7	83	126.0
I Apr 2007	1001	16.8	644.58	1742	57	0.00	255.0	125.6	100	125.5
S May 2007	996	16.2	644.29	1734	-8	0.00	255.0	126.4	100	126.9
T Jun 2007	965	16.2	642.79	1693	-41	0.00	255.0	122.2	100	126.6
O Jul 2007	916	14.9	642.89	1696	3	0.00	242.0	114.9	95	125.5
R Aug 2007	786	12.8	642.45	1684	-12	0.00	255.0	99.2	100	126.3
I Sep 2007	777	13.0	637.26	1545	-139	0.00	240.0	95.9	94	123.5
WY 2007	9241							1148.3		
C Oct 2007	635	10.3	634.21	1465	-79	0.00	201.0	76.0	79	119.8
A Nov 2007	516	8.7	635.89	1509	43	0.00	171.0	61.8	67	119.8
L Dec 2007	396	6.4	638.03	1565	56	0.00	181.0	48.9	71	123.4
* Jan 2008	547	8.9	641.68	1663	98	0.00	158.0	67.9	62	124.1
Feb 2008	584	10.1	642.00	1671	9	136.65	191.2	73.5	75	125.9
Mar 2008	888	14.4	643.00	1699	27	136.28	226.9	110.9	89	125.0
Apr 2008	1028	17.3	643.01	1699	0	136.05	255.0	128.0	100	124.6
May 2008	1010	16.4	643.01	1699	0	136.05	255.0	126.1	100	124.8
Jun 2008	945	15.9	642.00	1671	-28	135.52	255.0	117.7	100	124.6
Jul 2008	891	14.5	641.50	1658	-14	134.73	255.0	110.7	100	124.3
Aug 2008	794	12.9	641.50	1658	0	134.46	255.0	98.9	100	124.6
Sep 2008	783	13.2	638.00	1564	-94	132.63	255.0	96.3	100	122.9
WY 2008	9015							1116.8		
Oct 2008	603	9.8	633.00	1434	-130	128.15	255.0	72.6	100	120.3
Nov 2008	501	8.4	634.00	1460	26	126.25	247.4	59.6	97	119.0
Dec 2008	406	6.6	638.71	1583	123	129.99	221.9	49.6	87	122.3
Jan 2009	573	9.3	641.80	1666	83	136.05	160.6	71.5	63	124.8
Feb 2009	594	10.7	641.80	1666	0	136.62	191.2	74.6	75	125.6
Mar 2009	872	14.2	643.05	1700	34	136.20	226.9	109.0	89	125.0
Apr 2009	1015	17.1	643.01	1699	-1	136.08	255.0	126.5	100	124.7
May 2009	1033	16.8	643.01	1699	0	136.05	255.0	128.8	100	124.7
Jun 2009	1003	16.8	642.00	1671	-28	135.52	255.0	124.6	100	124.3
Jul 2009	921	15.0	641.50	1658	-14	134.73	255.0	114.3	100	124.2
Aug 2009	793	12.9	641.50	1658	0	134.46	255.0	98.8	100	124.6
Sep 2009	789	13.3	638.00	1564	-94	132.63	255.0	96.9	100	122.9
WY 2009	9101							1126.9		
Oct 2009	610	9.9	633.00	1434	-130	128.15	255.0	73.3	100	120.3
Nov 2009	477	8.0	634.00	1460	26	126.25	247.4	56.9	97	119.2
Dec 2009	432	7.0	638.71	1583	123	129.99	221.9	52.8	87	122.2
Jan 2010	561	9.1	641.80	1666	83	136.05	160.6	70.0	63	124.8

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 2/2008 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
* Feb 2007	472	8.5	445.97	542	-32	0.00	108.0	31.4	90	66.6
H Mar 2007	684	11.1	447.06	562	20	0.00	109.0	45.5	91	66.6
I Apr 2007	751	12.6	447.53	571	9	0.00	120.0	49.3	100	65.6
S May 2007	721	11.7	448.56	591	20	0.00	120.0	48.2	100	66.9
T Jun 2007	721	12.1	448.30	586	-5	0.00	120.0	48.5	100	67.2
O Jul 2007	749	12.2	448.35	587	1	0.00	120.0	50.1	100	66.9
R Aug 2007	634	10.3	448.28	585	-1	0.00	120.0	43.0	100	67.8
I Sep 2007	555	9.3	447.77	576	-10	0.00	95.0	37.8	79	68.3
WY 2007	6804							455.2		
C Oct 2007	455	7.4	447.28	566	-9	0.00	90.0	31.5	75	69.3
A Nov 2007	336	5.6	447.65	573	7	0.00	79.0	23.0	66	68.7
L Dec 2007	270	4.4	446.77	557	-16	0.00	79.0	17.9	66	66.5
* Jan 2008	306	5.0	446.67	555	-2	0.00	85.0	20.3	71	66.5
Feb 2008	394	6.8	446.50	552	-3	75.40	90.0	25.6	75	65.0
Mar 2008	697	11.3	447.00	561	9	74.16	120.0	45.3	100	65.0
Apr 2008	765	12.9	448.71	594	32	75.23	120.0	50.6	100	66.1
May 2008	725	11.8	448.71	594	0	76.06	120.0	48.3	100	66.6
Jun 2008	674	11.3	448.71	594	0	76.06	120.0	44.8	100	66.5
Jul 2008	727	11.8	448.00	580	-14	75.72	120.0	48.2	100	66.3
Aug 2008	627	10.2	447.50	570	-10	75.13	120.0	41.1	100	65.5
Sep 2008	563	9.5	446.81	557	-13	74.55	120.0	36.6	100	65.0
WY 2008	6539							433.3		
Oct 2008	472	7.7	446.31	548	-9	74.43	109.2	30.4	91	64.5
Nov 2008	381	6.4	446.50	552	4	74.29	109.2	24.3	91	63.8
Dec 2008	320	5.2	446.50	552	0	74.38	109.2	20.2	91	63.1
Jan 2009	350	5.7	446.50	552	0	75.92	79.2	22.7	66	64.8
Feb 2009	386	7.0	446.50	552	0	75.32	90.0	25.1	75	65.0
Mar 2009	699	11.4	446.70	555	4	74.01	120.0	45.4	100	64.9
Apr 2009	758	12.7	448.71	594	38	75.09	120.0	50.0	100	65.9
May 2009	737	12.0	448.71	594	0	76.06	120.0	49.1	100	66.6
Jun 2009	741	12.5	448.71	594	0	76.06	120.0	49.4	100	66.7
Jul 2009	744	12.1	448.00	580	-14	75.72	120.0	49.3	100	66.3
Aug 2009	611	9.9	447.50	570	-10	75.13	120.0	40.0	100	65.5
Sep 2009	549	9.2	446.81	557	-13	74.55	120.0	35.6	100	64.9
WY 2009	6748							441.5		
Oct 2009	465	7.6	446.31	548	-9	74.43	109.2	29.9	91	64.4
Nov 2009	373	6.3	446.50	552	4	74.29	109.2	23.8	91	63.8
Dec 2009	304	4.9	446.50	552	0	75.92	79.2	19.5	66	64.2
Jan 2010	350	5.7	446.50	552	0	75.32	90.0	22.5	75	64.3

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 2/2008 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
* Feb 2007	251	25	14	18	4	3
H Mar 2007	249	20	10	12	7	3
Winter 2007	1682	139	109	134	69	22
I Apr 2007	250	18	11	17	11	3
S May 2007	254	52	11	19	15	3
T Jun 2007	343	26	13	18	15	3
O Jul 2007	343	21	29	33	19	4
R Aug 2007	340	20	32	36	20	3
I Sep 2007	253	19	34	39	20	2
Summer 2007	1782	156	130	162	100	18
C Oct 2007	251	19	24	30	17	2
A Nov 2007	252	19	18	22	12	2
L Dec 2007	334	15	19	22	13	3
* Jan 2008	330	19	25	31	15	2
Feb 2008	233	17	27	36	15	3
Mar 2008	233	18	32	43	22	3
Winter 2008	1633	107	144	184	94	15
Apr 2008	236	17	37	55	22	3
May 2008	321	48	45	73	23	6
Jun 2008	332	63	46	68	22	9
Jul 2008	386	31	30	39	23	10
Aug 2008	387	31	37	44	23	9
Sep 2008	294	30	35	42	22	6
Summer 2008	1956	220	230	322	136	42
Oct 2008	254	31	28	34	17	6
Nov 2008	254	30	18	22	12	6
Dec 2008	338	31	22	27	14	6
Jan 2009	336	31	21	27	14	5
Feb 2009	251	28	17	23	12	5
Mar 2009	251	31	17	23	13	5
Winter 2009	1684	181	123	156	81	33
Apr 2009	356	30	20	30	16	5
May 2009	420	52	19	32	21	7
Jun 2009	470	86	20	31	22	9
Jul 2009	499	39	34	41	23	10
Aug 2009	497	39	38	45	23	10
Sep 2009	342	38	33	39	20	6
Summer 2009	2583	283	164	219	126	45
Oct 2009	256	39	25	31	16	7
Nov 2009	255	38	16	20	10	6
Dec 2009	340	39	21	26	13	6
Jan 2010	338	39	21	27	14	5

model\_run\_id = 1805

FLOOD CONTROL CRITERIA  
 BEGINNING OF MONTH CONDITIONS

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN KAF	LAKE LAKE KAF	MEAD MEAD KAF	TOTAL TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO NAVAJO KAF	TOT OR MAX KAF	LAKE LAKE KAF	LAKE LAKE KAF	TOTAL TOTAL KAF	BOM SPACE KAF	MEAD SCHD KAF	MEAD FC KAF	SYS CONT MAF
-----																				
* * * * P R E D I C T E D S P A C E * * * *																				
FEB	2008	946	309	240	13440	14935	14363	29298	410	303	240	954	13440	14363	28756	1500	607	0	31.4	
MAR	2008	964	379	328	13403	15073	14298	29371	427	373	328	1127	13403	14298	28828	1500	940	0	31.3	
APR	2008	942	453	369	13144	14908	14584	29493	401	447	369	1217	13144	14584	28945	1500	1058	0	31.7	
MAY	2008	886	491	290	12472	14139	15006	29145	338	491	290	1119	12472	15006	28598	1500	1043	0	33.2	
JUN	2008	810	342	149	11082	12382	15252	27634	253	336	136	725	11082	15252	27059	1500	944	0	35.5	
JUL	2008	668	116	123	8991	9897	15459	25356	97	84	64	244	8991	15459	24694	1500	902	0	36.1	
* * * * C R E D I T A B L E S P A C E * * * *																				
AUG	2008	588	27	110	8477	9203	15498	24701	588	27	110	726	8477	15498	24701	1500	818	0	35.9	
SEP	2008	602	57	107	8709	9475	15405	24880	602	57	107	766	8709	15405	24880	2270	707	0	35.5	
OCT	2008	641	121	89	8838	9689	15436	25125	641	121	89	851	8838	15436	25125	3040	475	0	35.4	
NOV	2008	674	172	80	8890	9815	15328	25144	674	172	80	926	8890	15328	25144	3810	542	0	35.3	
DEC	2008	708	201	82	8940	9931	15276	25207	708	201	82	991	8940	15276	25207	4580	547	0	35.3	
JAN	2009	758	248	90	9227	10323	15030	25353	758	248	90	1096	9227	15030	25353	5350	676	0	35.2	
* * * * E F F E C T I V E S P A C E * * * *																				
JAN	2009	758	248	90	9227	10323	15030	25353	404	248	90	742	9227	15030	24999	5350	676	0	35.2	
FEB	2009	804	296	100	9538	10739	14839	25578	448	296	100	844	9538	14839	25222	1500	608	0	35.0	
MAR	2009	838	334	98	9686	10956	14780	25735	479	334	98	911	9686	14780	25377	1500	931	0	34.8	
APR	2009	823	360	70	9708	10961	15058	26019	460	360	70	890	9708	15058	25655	1500	1043	0	34.7	
MAY	2009	770	358	60	9720	10908	15231	26139	400	358	60	817	9720	15231	25769	1500	1066	0	35.6	
JUN	2009	660	220	54	8970	9904	15311	25214	279	217	32	528	8970	15311	24809	1500	1002	0	37.1	
JUL	2009	508	39	117	7727	8391	15291	23681	113	12	43	168	7727	15291	23186	1500	932	0	37.4	
* * * * C R E D I T A B L E S P A C E * * * *																				
AUG	2009	412	27	130	7701	8270	15129	23399	412	27	130	569	7701	15129	23399	1500	818	0	37.1	
SEP	2009	437	79	156	8195	8866	14807	23673	437	79	156	672	8195	14807	23673	2270	713	0	36.7	
OCT	2009	493	142	162	8435	9233	14744	23977	493	142	162	798	8435	14744	23977	3040	482	0	36.5	
NOV	2009	547	184	162	8476	9369	14644	24013	547	184	162	893	8476	14644	24013	3810	518	0	36.5	
DEC	2009	602	204	165	8516	9487	14572	24059	602	204	165	971	8516	14572	24059	4580	574	0	36.4	
JAN	2010	673	248	174	8787	9882	14352	24234	673	248	174	1095	8787	14352	24234	5350	660	0	36.3	
* * * * E F F E C T I V E S P A C E * * * *																				
JAN	2010	673	248	174	8787	9882	14352	24234	338	248	174	760	8787	14352	23900	5350	660	0	36.3	