

**Date: September 7, 2004**

**From:** Water Resource Group, Salt Lake City

**To:** All Colorado River Annual Operating Plan (AOP) Recipients

**Current Status**

	August inflow(unreg) (Acre-Feet)	Percent of normal	Midnight September 6 Elevation	Reservoir Storage (Acre-Feet)
Fontenelle	56,000	61	6500.66	304,000
Flaming Gorge	60,000	56	6011.35	2,685,000
Blue Mesa	28,000	44	7485.75	549,000
Powell	176,000	29	3571.48	9,227,000
Navajo	0	0	6021.42	925,000

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**Expected Operation**

**FONTENELLE** – Inflows during August were approximately 55,700 acre-feet (61% of normal). The reservoir elevation has decreased about 3 feet during the month of August and releases have been decreased to 950 cfs. The reservoir elevation will continue to decline through the fall and winter months to near the minimum power pool elevation of 6463 feet above sea level. Releases will likely remain steady and the current rate until March or April of 2005.

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 will be scheduled for April of 2005 and will likely be held in Green River, WY. At this time the exact time and place have not been scheduled. For more information about the Working Group, contact Ed Vidmar at 801-379-1182.

**FLAMING GORGE** – During the month of August unregulated inflows to Flaming Gorge Reservoir were approximately 60,100 acre-feet (56% of normal). Forecasted inflows for September through November are for 115,000 acre-feet of unregulated inflow (61% of normal). Releases are currently averaging 1000 cfs each day. Fluctuations are occurring each day with peaks of approximately 1450 cfs during the afternoons and approximately 850 cfs being released during the morning and evening hours. These fluctuations are within the recommended constraints of the 1992 Biological Opinion on the Operation of Flaming Gorge Dam. Projected releases will likely be reduced to 800 cfs near the end of September. The reservoir elevation is currently about 6011.3 feet above sea level and is projected to rise over the fall and winter months.

The next "Flaming Gorge Working Group" meeting is to be held on April 21st, 2005 in Vernal, Utah at 10:00 a.m.. The location will be at the Western Park Convention Center. The Working Group is a

forum for information exchange between Reclamation and all other parties associated with the operation of Flaming Gorge Reservoir. The public is encouraged to attend and express their concerns and interests with regard to the operation of Flaming Gorge Reservoir. For more information about the Working Group please contact Ed Vidmar at 801-379-1182.

**ASPINALL** – August unregulated inflow into Blue Mesa Reservoir was 28,000 acre-feet or 43 percent of average. Hydrologic conditions remain dry with drought still the controlling factor for water management throughout the region. August recorded precipitation was 50 percent of average. The current inflow rate into Blue Mesa Reservoir is about 450 cfs and reservoir releases are averaging about 1600 cfs. Blue Mesa's present elevation is 7486.85 feet, which corresponds to a storage content of about 557,000 acre-feet.

Currently, releases from Crystal are set at 1,550 cfs. The Gunnison Diversion Tunnel is taking about 1,000 cfs while the river flows below the tunnel are about 550 cfs. Due to the severity of the continuing drought in the Gunnison River Basin, river flows through the Black Canyon of the Gunnison are set to meet downstream water flow rights. It is anticipated that canyon flows will decrease as downstream demands slow down, which has already started and will continue until the first of October when the irrigation season ends. Some fluctuation to river flows may occur as we respond to these downstream water needs.

The last meeting of the "Aspinall Unit Working Group" was held on Thursday, August 26, 2004 at 1:00 PM at the National Park Service Elk Creek Visitor Center at Blue Mesa Reservoir. At this meeting, review of last spring and summer reservoir operations, and plans for this autumn 2004 operations was 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 recent rainstorm activity and the associated increase in stream flows, the Bureau of Reclamation decreased the release from Navajo Reservoir from 800 cubic feet per second (cfs) to 600 cfs on September 8, 2004, at 9:00 a.m. All reservoir releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

As per the recommendations from the San Juan River Basin Recovery Implementation Program for 2004, and with the current forecast, the target base flow for endangered fish is 400 cfs. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area, therefore daily flows of less than 400 cfs may occur at some gages.

Reclamation will continue to closely monitor the hydrologic conditions in the basin. As such, this scheduled release change is subject to changes in river flows and weather conditions.

The current daily reservoir inflow is averaging about 350 cfs and reservoir releases are set at 800 cfs. Presently, the reservoir water surface elevation is 6021.63 feet, which corresponds to a storage content of about 927,000 acre-feet. The monthly precipitation average in the basin above Bluff was 45 percent of average during August.

A public meeting on Navajo Reservoir operations was held on Tuesday, August 17, 2004 at 1:00 PM in Farmington, New Mexico. At this meeting, review of last spring and summer reservoir operations,

and plans for this fall and winter 2004 operations were discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Pat Page in Reclamation's Durango, Colorado Office at (970) 385-6560 for information about these meetings or the daily operation of Navajo Reservoir.

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

#### **Operations**

Releases will be lower in September 2004 than in July and August. A volume of 480,000 acre-feet is scheduled to be released from Lake Powell in September, which is an average of 8,070 cubic feet per second (cfs). Releases had been averaging about 14,600 cfs in July and August. On Mondays through Fridays and on Sundays in September, daily fluctuations due to load following will likely vary between a low of about 5,000 cfs (during late evening and early morning off-peak hours) to a high of about 10,000 cfs (during late afternoon and early evening on-peak hours). On Saturdays, releases will likely vary between a low of about 5,000 cfs during off-peak hours to a high of about 9,750 cfs during on-peak hours. The release pattern in October will likely be similar to September. A volume of 492,000 acre-feet is scheduled to be released in October, which is an average of 8,000 cfs.

Because of the draw down condition of Lake Powell, releases from Lake Powell in water year 2004 are being scheduled to meet the minimum release objective of 8.23 million acre-feet. This is consistent with the requirements of the Criteria for Coordinated Long-Range Operation of Colorado River Reservoirs.

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

The Colorado River Basin is completing its 5th year of drought. In July 1999, Lake Powell was essentially full, with reservoir storage at 97 percent of capacity. Since that time, inflow volumes have been below average for 5 consecutive years. The last month when inflow to Lake Powell was above average was September 1999. Unregulated inflow in water years 2000, 2001, 2002, and 2003 was 62, 59, 25, and 51 percent of average, respectively. Total unregulated inflow for water year 2004 is likely to be 51 percent of average, almost the same volume as 2003. Inflow in water year 2002 was the lowest ever observed since the completion of Glen Canyon Dam in 1963.

The summer season in the Colorado River Basin has featured cooler than average temperatures with precipitation at near average levels. With the exception of the Green River Basin above Flaming Gorge, river flows around the basin have been much below average this summer. Unregulated inflow to Lake Powell in July was only 35 percent of average and inflow in August will likely end up being only 29 percent of average. Peak inflow to Lake Powell this year occurred on May 14 (about three weeks earlier than normal) when inflow was 21,400 cfs. As of August 30, 2004 observed inflow to Lake Powell was 4,400 cfs about 45 percent of what is normally seen as August comes to a close.

Low inflows the past 5 years have reduced water storage in Lake Powell. The current elevation (as of August 30, 2004) of Lake Powell is 3,572 feet (128 feet from full pool). Current storage is 9.3 million acre-feet (38 percent of live capacity).

The water surface elevation at Lake Powell reached a seasonal low of 3,582.7 feet on April 2, 2004 and then increased to a seasonal high on June 14, 2004, reaching an elevation of 3,587.4 feet. The water surface has since been declining, and will likely continue to decline for the remainder of the

year. Under the current inflow forecast, the water surface elevation of Lake Powell is projected to be about 3,565 feet on January 1, 2005. It should be noted that this projected elevation will likely shift, depending upon weather patterns the remainder of the year.

forecast

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 84138-1102  
PHONE 801-524-5571

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RUNOFF PROJECTIONS AND INFLOW INFORMATION INTO UPPER BASIN RESERVOIR PROVIDED BY  
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICE'S  
COLORADO BASIN RIVER FORECAST CENTER ARE AS FOLLOWS

:	Obs					Forecast		Outl ook		%Avg
	nov	dec	j an	feb	%Avg	mar	apr	may	apr-j ul	
GLDA3: Lake Powell	352	296	303	245	58%:	450/	750/	1850/	6500/:	82%
GBRW4: Fontenelle	27	28	25	23	79%:	42/	75/	140/	625/:	73%
GRNU1: Flaming Gorge	28	27	28	33	66%:	70/	120/	190/	825/:	69%
BMDC2: Blue Mesa	24	22	21	20	88%:	32/	70/	190/	620/:	86%
MPSC2: Morrow Point	25	24	23	22	85%:	36/	80/	212/	675/:	86%
CLSC2: Crystal	29	27	27	26	87%:	42/	95/	245/	770/:	84%
VCRC2: Vallecito	6.1	4.9	4.8	3.9	83%:	5.4/	22/	80/	215/:	105%
NVRN5: Navajo	24	19.6	17.3	23	77%:	80/	210/	335/	880/:	110%
MPHC2: McPhee	3.6	3.5	3.6	3.7	77%:	13/	65/	130/	305/:	95%
TPI C2: Taylor Park	4.4	3.8	3.9	3.7	95%:	4.3/	8/	25/	90/:	87%
RBSC2: Ridgway					:	/	/	/	102/:	100%
LEMC2: Lemon	1.0	0.9	.73	0.6	79%:	1/	4.5/	22/	60/:	103%

: \*\* UNREGULATED CRYSTAL INFLOW COMBINES BLUE MESA UNREGULATED  
: INFLOW PLUS THE SIDE INFLOW TO BOTH MORROW POINT AND CRYSTAL

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 E M R E S E R V O I R S

Bureau of Reclamation - CRFS 9/2004 Most Prob Water Supply 02-sep-2004 10:58:39  
 Fontenelle Reservoir

	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
* Sep 2003	31	2	46	0	46	6494.31	258
WY 2003	653	16	597	32	629		
H Oct 2003	27	1	29	17	46	6491.32	237
I Nov 2003	27	1	41	5	46	6488.45	218
S Dec 2003	28	1	46	0	46	6485.47	199
T Jan 2004	25	1	47	0	47	6481.72	176
O Feb 2004	23	1	43	0	43	6477.84	156
R Mar 2004	58	1	46	0	46	6479.97	167
I Apr 2004	66	1	44	0	44	6483.56	187
C May 2004	67	2	59	0	59	6484.57	193
A Jun 2004	182	2	60	0	60	6501.79	313
L Jul 2004	168	3	89	54	143	6504.73	336
* Aug 2004	56	2	76	7	83	6500.95	306
Sep 2004	38	2	57	0	57	6498.18	285
WY 2004	765	18	637	83	720		
Oct 2004	35	1	58	0	58	6494.83	261
Nov 2004	30	1	57	0	57	6490.83	233
Dec 2004	24	1	58	0	58	6485.47	199
Jan 2005	23	1	58	0	58	6479.35	163
Feb 2005	23	0	53	0	53	6473.11	133
Mar 2005	41	0	63	0	63	6467.88	110
Apr 2005	73	1	71	0	71	6468.23	112
May 2005	153	1	92	0	92	6480.85	172
Jun 2005	278	2	102	61	163	6498.05	284
Jul 2005	166	3	103	25	128	6502.72	320
Aug 2005	72	2	71	0	71	6502.56	318
Sep 2005	44	2	67	0	67	6499.31	294
WY 2005	962	15	853	86	939		
Oct 2005	47	1	69	0	69	6496.14	271
Nov 2005	39	1	67	0	67	6492.05	242
Dec 2005	30	1	69	0	69	6486.00	202
Jan 2006	28	1	69	0	69	6478.83	161
Feb 2006	26	0	62	0	62	6471.16	124
Mar 2006	47	0	74	0	74	6464.38	97
Apr 2006	84	1	79	0	79	6465.56	101
May 2006	176	1	96	34	130	6475.93	146
Jun 2006	320	2	101	77	178	6498.27	286
Jul 2006	192	3	102	43	145	6504.07	330
Aug 2006	83	2	70	0	70	6505.42	341

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 E M R E S E R V O I R S

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 Flaming Gorge Reservoir

	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
* Sep 2003	26	40	9	50	0	50	68	6009.81	2635	0	65
WY 2003	764	737	68	709	0	709					2047
H Oct 2003	24	44	6	52	0	52	68	6009.38	2621	0	67
I Nov 2003	28	47	3	51	0	51	67	6009.17	2614	0	79
S Dec 2003	27	46	2	53	0	53	67	6008.91	2606	0	80
T Jan 2004	27	48	2	53	0	53	67	6008.73	2600	0	272
O Feb 2004	33	53	2	50	0	50	67	6008.77	2602	0	301
R Mar 2004	98	89	3	54	0	54	68	6009.71	2632	0	246
I Apr 2004	84	62	4	51	0	51	68	6009.90	2638	0	233
C May 2004	76	69	7	107	0	107	67	6008.57	2595	0	391
A Jun 2004	188	74	9	61	0	61	67	6008.69	2599	0	232
L Jul 2004	182	147	11	61	0	61	70	6010.91	2671	0	119
* Aug 2004	60	88	11	62	0	62	70	6011.37	2686	0	73
Sep 2004	40	59	8	60	0	60	70	6011.12	2677	0	60
WY 2004	867	826	68	715	0	715					2153
Oct 2004	40	63	4	49	0	49	70	6011.40	2687	0	49
Nov 2004	35	62	2	48	0	48	71	6011.76	2699	0	48
Dec 2004	27	61	2	49	0	49	71	6012.06	2709	0	49
Jan 2005	33	68	2	49	0	49	72	6012.58	2726	0	49
Feb 2005	39	69	2	44	0	44	72	6013.25	2748	0	44
Mar 2005	84	106	4	49	0	49	74	6014.79	2800	0	49
Apr 2005	122	120	6	48	0	48	76	6016.65	2863	0	48
May 2005	236	175	9	123	0	123	78	6017.85	2904	0	123
Jun 2005	367	252	12	176	0	176	80	6019.63	2967	0	176
Jul 2005	202	164	13	68	0	68	82	6021.90	3047	0	68
Aug 2005	84	83	10	68	0	68	82	6022.05	3053	0	68
Sep 2005	55	78	8	65	0	65	83	6022.17	3057	0	65
WY 2005	1324	1301	74	836	0	836					836
Oct 2005	59	81	5	68	0	68	83	6022.39	3065	0	68
Nov 2005	50	78	2	65	0	65	83	6022.68	3076	0	65
Dec 2005	36	75	2	68	0	68	83	6022.83	3081	0	68
Jan 2006	41	82	2	68	0	68	84	6023.16	3093	0	68
Feb 2006	45	81	2	61	0	61	84	6023.63	3110	0	61
Mar 2006	97	124	4	108	0	108	85	6023.95	3122	0	108
Apr 2006	141	136	7	107	0	107	85	6024.53	3143	0	107
May 2006	273	227	10	162	0	162	87	6025.97	3196	0	162
Jun 2006	423	281	13	202	0	202	89	6027.68	3261	0	202
Jul 2006	233	186	14	61	0	61	93	6030.50	3368	0	61
Aug 2006	97	84	10	61	0	61	93	6030.82	3381	0	61

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 E M R E S E R V O I R S

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Taylor Park Reservoir

02-sep-2004 10:58:39

	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Sep 2003	8	7	9309.00	68
WY 2003	109	81		
H Oct 2003	5	4	9309.72	69
I Nov 2003	4	3	9310.47	71
S Dec 2003	4	3	9310.82	71
T Jan 2004	4	3	9311.17	72
O Feb 2004	4	3	9311.44	72
R Mar 2004	5	4	9312.62	74
I Apr 2004	8	4	9314.81	78
C May 2004	23	10	9322.01	91
A Jun 2004	23	16	9325.53	97
L Jul 2004	11	19	9321.35	89
* Aug 2004	6	18	9314.10	77
Sep 2004	5	15	9307.65	66
WY 2004	102	102		
Oct 2004	5	6	9306.67	65
Nov 2004	4	3	9307.13	65
Dec 2004	4	3	9307.52	66
Jan 2005	3	3	9307.78	66
Feb 2005	3	3	9307.78	66
Mar 2005	3	4	9307.39	66
Apr 2005	7	6	9307.71	66
May 2005	21	10	9314.70	78
Jun 2005	36	16	9325.42	97
Jul 2005	17	18	9325.06	96
Aug 2005	8	18	9319.77	87
Sep 2005	6	16	9314.05	77
WY 2005	117	106		
Oct 2005	6	8	9312.80	74
Nov 2005	5	3	9313.76	76
Dec 2005	4	3	9314.41	77
Jan 2006	4	3	9314.94	78
Feb 2006	3	3	9315.18	78
Mar 2006	4	5	9314.53	77
Apr 2006	8	14	9310.65	71
May 2006	25	18	9314.65	78
Jun 2006	41	18	9327.16	101
Jul 2006	20	21	9326.66	100
Aug 2006	9	20	9321.03	89



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 E M R E S E R V O I R S

Bureau of Reclamation - CRFS 9/2004 Most Prob Water Supply  
Blue Mesa Reservoir

02-sep-2004 10:58:39

	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
* Sep 2003	45	45	1	62	0	62	7462.45	387
WY 2003	631	606	5	489	0	489		
H Oct 2003	26	25	0	47	0	47	7458.78	364
I Nov 2003	23	22	0	16	0	16	7459.81	370
S Dec 2003	22	21	0	15	0	15	7460.86	377
T Jan 2004	21	20	0	14	0	14	7461.91	383
O Feb 2004	19	19	0	12	0	12	7463.03	390
R Mar 2004	46	44	0	13	0	13	7467.75	421
I Apr 2004	68	64	1	31	0	31	7472.65	454
C May 2004	154	141	1	32	0	32	7487.46	562
A Jun 2004	134	128	1	54	0	54	7496.75	635
L Jul 2004	65	72	1	93	0	93	7494.00	613
* Aug 2004	28	41	1	93	0	93	7487.18	560
Sep 2004	20	30	1	74	0	74	7481.24	515
WY 2004	626	627	6	494	0	494		
Oct 2004	25	27	0	45	0	45	7478.71	497
Nov 2004	25	24	0	15	0	15	7479.96	506
Dec 2004	20	19	0	16	0	16	7480.47	509
Jan 2005	20	20	0	17	0	17	7480.87	512
Feb 2005	18	18	0	18	0	18	7480.91	513
Mar 2005	27	28	0	26	0	26	7481.08	514
Apr 2005	59	58	1	51	0	51	7482.07	521
May 2005	170	159	1	51	0	51	7495.88	628
Jun 2005	228	209	1	45	0	45	7515.00	790
Jul 2005	105	106	2	91	0	91	7516.46	803
Aug 2005	51	61	1	103	0	103	7511.59	760
Sep 2005	31	41	1	100	0	100	7504.61	700
WY 2005	779	770	7	578	0	578		
Oct 2005	33	35	1	76	0	76	7499.63	658
Nov 2005	29	27	0	50	0	50	7496.82	635
Dec 2005	23	22	0	76	0	76	7489.98	581
Jan 2006	23	22	0	80	0	80	7482.33	523
Feb 2006	21	21	0	72	0	72	7475.18	471
Mar 2006	32	33	0	76	0	76	7468.87	428
Apr 2006	68	74	1	82	0	82	7467.63	420
May 2006	196	189	1	43	0	43	7487.94	565
Jun 2006	263	240	1	35	0	35	7512.65	769
Jul 2006	121	122	2	87	0	87	7516.40	802
Aug 2006	59	70	1	101	0	101	7512.76	770

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 E M R E S E R V O I R S

Bureau of Reclamation - CRFS 9/2004 Most Prob Water Supply 02-sep-2004 10:58:39  
 Morrow Point Reservoir

	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
* Sep 2003	47	62	2	64	0	64	0	64	7153.42	112
WY 2003	678	489	48	536	0	380	149	529		
H Oct 2003	28	47	2	49	0	52	0	52	7149.88	109
I Nov 2003	25	16	2	18	0	16	0	16	7151.87	111
S Dec 2003	24	15	2	16	0	15	0	15	7153.36	112
T Jan 2004	23	14	2	15	0	17	0	17	7151.70	110
O Feb 2004	22	12	2	14	0	15	0	15	7150.31	109
R Mar 2004	51	13	5	18	0	17	0	17	7151.24	110
I Apr 2004	78	31	10	40	0	40	0	40	7151.23	110
C May 2004	171	32	18	50	0	47	0	47	7154.18	112
A Jun 2004	143	54	8	62	0	62	0	62	7154.59	113
L Jul 2004	66	93	1	94	0	95	0	95	7152.76	111
* Aug 2004	29	93	1	94	0	93	0	93	7153.42	112
Sep 2004	21	74	1	75	0	75	0	75	7153.73	112
WY 2004	681	494	54	545	0	544	0	544		
Oct 2004	26	45	1	46	0	46	0	46	7153.73	112
Nov 2004	27	15	2	17	0	17	0	17	7153.73	112
Dec 2004	22	16	2	18	0	18	0	18	7153.73	112
Jan 2005	21	17	1	18	0	18	0	18	7153.73	112
Feb 2005	20	18	2	19	0	20	0	20	7153.73	112
Mar 2005	30	26	3	29	0	29	0	29	7153.73	112
Apr 2005	66	51	7	57	0	58	0	58	7153.73	112
May 2005	193	51	23	74	0	74	0	74	7153.73	112
Jun 2005	246	45	18	63	0	63	0	63	7153.73	112
Jul 2005	110	91	5	96	0	96	0	96	7153.73	112
Aug 2005	53	103	2	105	0	105	0	105	7153.73	112
Sep 2005	33	100	2	102	0	102	0	102	7153.73	112
WY 2005	847	578	68	644	0	646	0	646		
Oct 2005	35	76	2	78	0	78	0	78	7153.73	112
Nov 2005	31	50	2	52	0	52	0	52	7153.73	112
Dec 2005	25	76	2	78	0	78	0	78	7153.73	112
Jan 2006	24	80	1	81	0	81	0	81	7153.73	112
Feb 2006	23	72	2	74	0	74	0	74	7153.73	112
Mar 2006	35	76	3	79	0	79	0	79	7153.73	112
Apr 2006	77	82	9	91	0	91	0	91	7153.73	112
May 2006	222	43	26	69	0	69	0	69	7153.73	112
Jun 2006	284	35	21	56	0	56	0	56	7153.73	112
Jul 2006	127	87	6	93	0	93	0	93	7153.73	112
Aug 2006	61	101	2	103	0	103	0	103	7153.73	112

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 Crystal Reservoir

	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
* Sep 2003	52	64	5	68	70	0	70	6744.61	15	46	27
WY 2003	755	529	76	605	522	85	607			351	269
H Oct 2003	32	52	4	56	27	28	55	6746.98	15	34	23
I Nov 2003	29	16	4	20	0	20	20	6747.86	16	0	20
S Dec 2003	27	15	4	19	0	20	20	6744.53	15	1	19
T Jan 2004	27	17	4	21	0	20	20	6748.12	16	0	20
O Feb 2004	25	15	3	18	0	18	18	6748.18	16	1	19
R Mar 2004	58	17	7	25	0	24	24	6749.98	16	5	19
I Apr 2004	88	40	10	50	0	50	50	6751.44	17	33	19
C May 2004	194	47	23	70	0	70	70	6751.47	17	50	22
A Jun 2004	156	62	13	75	0	75	75	6752.33	17	55	22
L Jul 2004	68	95	2	97	0	99	99	6746.23	15	64	40
* Aug 2004	30	93	1	95	0	95	95	6744.94	15	65	35
Sep 2004	25	75	4	79	0	78	78	6746.05	15	55	23
WY 2004	759	544	79	625	27	597	624			363	281
Oct 2004	32	46	6	52	52	0	52	6746.05	15	30	22
Nov 2004	31	17	4	21	21	0	21	6746.05	15	0	21
Dec 2004	26	18	4	22	22	0	22	6746.05	15	0	22
Jan 2005	25	18	4	22	22	0	22	6746.05	15	0	22
Feb 2005	23	20	3	22	23	0	23	6746.05	15	0	22
Mar 2005	37	29	7	36	36	0	36	6746.05	15	5	31
Apr 2005	81	58	15	72	73	0	73	6746.05	15	30	42
May 2005	233	74	40	114	114	0	114	6746.05	15	55	59
Jun 2005	295	63	49	112	112	0	112	6746.05	15	60	52
Jul 2005	130	96	20	116	116	0	116	6746.05	15	65	51
Aug 2005	64	105	11	116	116	0	116	6746.05	15	65	51
Sep 2005	41	102	8	110	110	0	110	6746.05	15	55	55
WY 2005	1018	646	171	815	817	0	817			365	450
Oct 2005	42	78	7	85	85	0	85	6746.05	15	30	55
Nov 2005	36	52	5	57	57	0	57	6746.05	15	0	57
Dec 2005	30	78	5	83	83	0	83	6746.05	15	0	83
Jan 2006	29	81	5	86	86	0	86	6746.05	15	0	86
Feb 2006	27	74	4	78	78	0	78	6746.05	15	0	78
Mar 2006	42	79	7	86	86	0	86	6746.05	15	5	81
Apr 2006	94	91	17	108	108	0	108	6746.05	15	30	78
May 2006	269	69	47	116	116	0	116	6746.05	15	55	61
Jun 2006	340	56	56	112	112	0	112	6746.05	15	60	52
Jul 2006	150	93	23	116	116	0	116	6746.05	15	65	51
Aug 2006	74	103	13	116	116	0	116	6746.05	15	65	51

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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
* Sep 2003	17	6	7624.58	36
WY 2003	163	142		
H Oct 2003	6	4	7625.86	38
I Nov 2003	6	0	7629.25	43
S Dec 2003	5	0	7631.78	48
T Jan 2004	5	0	7634.30	53
O Feb 2004	4	0	7636.34	57
R Mar 2004	16	0	7643.57	72
I Apr 2004	25	7	7651.11	90
C May 2004	73	44	7662.38	118
A Jun 2004	51	49	7663.00	120
L Jul 2004	20	42	7654.40	98
* Aug 2004	9	38	7642.16	69
Sep 2004	8	35	7628.53	42
WY 2004	228	219		
Oct 2004	9	13	7626.13	38
Nov 2004	6	0	7629.47	44
Dec 2004	4	0	7631.62	48
Jan 2005	4	0	7633.41	51
Feb 2005	4	0	7635.25	55
Mar 2005	6	0	7638.15	61
Apr 2005	16	7	7642.68	70
May 2005	52	43	7646.79	80
Jun 2005	64	42	7656.04	102
Jul 2005	27	43	7649.67	86
Aug 2005	15	43	7636.97	58
Sep 2005	13	35	7625.00	37
WY 2005	220	226		
Oct 2005	13	12	7625.38	37
Nov 2005	8	0	7629.99	45
Dec 2005	5	0	7632.76	50
Jan 2006	5	0	7634.92	54
Feb 2006	5	0	7637.00	58
Mar 2006	7	0	7640.29	65
Apr 2006	19	8	7645.22	76
May 2006	60	46	7651.29	90
Jun 2006	74	48	7661.44	116
Jul 2006	32	48	7655.05	100
Aug 2006	17	43	7644.21	74

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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
* Sep 2003	49	3	35	2	15	24	5999.45	734	67
WY 2003	481	61	400	17	183	338			603
H Oct 2003	14	0	12	1	7	27	5996.50	711	49
I Nov 2003	24	0	18	1	0	16	5996.73	713	51
S Dec 2003	18	0	13	0	0	16	5996.36	710	78
T Jan 2004	17	0	13	0	0	16	5995.94	707	60
O Feb 2004	24	0	20	1	1	15	5996.45	711	33
R Mar 2004	120	12	94	1	4	16	6005.51	784	58
I Apr 2004	152	15	119	2	11	21	6015.33	869	98
C May 2004	225	30	168	3	28	22	6027.58	984	155
A Jun 2004	133	20	109	3	40	22	6031.96	1028	115
L Jul 2004	22	2	40	3	39	33	6028.39	992	48
* Aug 2004	-2	0	26	3	39	45	6022.11	932	41
Sep 2004	11	1	37	2	23	24	6020.89	920	24
WY 2004	758	80	669	20	192	273			810
Oct 2004	16	1	19	1	15	22	6018.76	900	22
Nov 2004	20	0	14	0	1	16	6018.35	897	16
Dec 2004	16	0	12	0	0	15	6017.93	893	15
Jan 2005	16	0	13	0	0	15	6017.60	890	15
Feb 2005	24	0	20	0	0	14	6018.27	896	14
Mar 2005	69	1	62	1	5	17	6022.58	936	17
Apr 2005	133	14	109	2	24	21	6029.04	999	21
May 2005	215	31	175	2	30	51	6037.82	1089	51
Jun 2005	200	32	146	3	43	115	6036.35	1074	115
Jul 2005	66	9	72	3	48	37	6034.82	1058	37
Aug 2005	35	3	61	2	43	50	6031.48	1024	50
Sep 2005	34	1	55	2	19	29	6031.92	1028	29
WY 2005	844	92	758	16	228	402			402
Oct 2005	40	1	38	1	12	22	6032.30	1032	22
Nov 2005	32	0	24	1	1	16	6032.96	1039	16
Dec 2005	23	0	18	0	0	15	6033.19	1041	15
Jan 2006	21	0	17	0	0	16	6033.23	1041	16
Feb 2006	28	0	24	0	0	17	6033.85	1048	17
Mar 2006	80	1	72	1	5	20	6038.29	1094	20
Apr 2006	153	14	128	2	24	34	6044.56	1163	34
May 2006	248	31	203	3	31	85	6051.84	1247	85
Jun 2006	231	32	173	3	43	147	6050.16	1227	147
Jul 2006	76	9	83	4	48	31	6050.19	1228	31
Aug 2006	41	3	64	3	43	31	6049.13	1215	31

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Bureau of Reclamation - CRFS 9/2004 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	Power 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
* Sep 2003	446	482	47	473	0	473	3603.73	18956	12110	485
WY 2003	6209	6120	368	8227	0	8227				8390
H Oct 2003	293	364	27	490	0	490	3601.93	18978	11935	495
I Nov 2003	337	348	23	475	0	475	3600.48	18968	11796	485
S Dec 2003	289	305	20	602	0	602	3597.22	18960	11487	610
T Jan 2004	288	305	13	789	0	789	3591.80	18966	10984	802
O Feb 2004	244	253	14	743	0	743	3586.84	18910	10537	759
R Mar 2004	539	417	11	805	0	805	3582.78	18867	10180	815
I Apr 2004	817	609	18	649	1	648	3582.93	18797	10193	653
C May 2004	1181	972	24	596	0	596	3587.17	18776	10566	601
A Jun 2004	1096	835	35	802	0	802	3586.16	18832	10476	809
L Jul 2004	546	468	36	900	0	900	3579.70	18927	9914	909
* Aug 2004	176	303	39	896	0	896	3572.10	18931	9278	904
Sep 2004	275	385	34	484	0	484	3570.59	18926	9155	0
WY 2004	6081	5564	294	8231	1	8230				7842
Oct 2004	350	401	30	492	0	492	3569.20	18917	9043	0
Nov 2004	350	351	25	476	0	476	3567.46	18906	8904	0
Dec 2004	301	318	21	492	0	492	3565.19	18892	8724	0
Jan 2005	297	309	15	850	0	850	3558.49	18850	8208	0
Feb 2005	328	322	14	650	0	650	3554.23	18825	7892	0
Mar 2005	517	434	17	600	0	600	3551.91	18812	7723	0
Apr 2005	769	612	19	600	0	600	3551.82	18811	7716	0
May 2005	1797	1463	27	650	0	650	3561.59	18869	8444	0
Jun 2005	2403	2019	33	800	0	800	3575.30	18957	9543	0
Jul 2005	1215	1095	39	910	0	910	3576.92	18968	9678	0
Aug 2005	478	574	40	910	0	910	3572.74	18940	9330	0
Sep 2005	400	494	34	800	0	800	3568.87	18915	9016	0
WY 2005	9205	8392	314	8230	0	8230				0
Oct 2005	502	548	30	600	0	600	3567.93	18909	8940	0
Nov 2005	496	517	25	600	0	600	3566.67	18901	8841	0
Dec 2005	396	473	20	800	0	800	3562.56	18875	8519	0
Jan 2006	365	444	15	800	0	800	3558.05	18848	8176	0
Feb 2006	379	435	14	600	0	600	3555.83	18835	8010	0
Mar 2006	597	597	17	600	0	600	3555.58	18833	7992	0
Apr 2006	887	786	20	600	0	600	3557.64	18845	8145	0
May 2006	2074	1709	28	600	0	600	3570.48	18925	9146	0
Jun 2006	2773	2315	35	650	0	650	3588.16	19046	10655	0
Jul 2006	1402	1208	42	850	0	850	3591.40	19070	10948	0
Aug 2006	552	594	43	900	0	900	3587.82	19044	10624	0

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 Hoover Dam - Lake Mead

	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
* Sep 2003	473	81	75	584	9.8	26	581	1015	1142.12	15618
WY 2003	8227	656	719	9462		268	9382			
H Oct 2003	490	21	54	539	8.8	26	537	1009	1141.17	15517
I Nov 2003	475	46	54	637	10.7	20	635	997	1139.48	15337
S Dec 2003	602	46	47	623	10.1	19	621	994	1139.12	15300
T Jan 2004	789	40	38	633	10.3	15	635	1003	1140.39	15434
O Feb 2004	743	77	35	806	14.0	10	790	1001	1140.11	15404
R Mar 2004	805	40	39	946	15.4	19	942	992	1138.70	15255
I Apr 2004	648	55	48	1049	17.6	21	17	966	1134.98	14866
C May 2004	596	43	54	1124	18.3	37	1121	931	1129.70	14324
A Jun 2004	802	-8	65	995	16.7	32	994	913	1126.93	14044
L Jul 2004	900	36	80	952	15.5	32	951	905	1125.73	13924
* Aug 2004	896	98	85	776	12.6	32	776	911	1126.67	14018
Sep 2004	484	104	70	548	9.2	30	548	908	1126.11	13962
WY 2004	8230	598	669	9628		293	8566			
Oct 2004	492	43	51	362	5.9	30	362	913	1126.98	14048
Nov 2004	476	39	51	617	10.4	21	617	903	1125.34	13885
Dec 2004	492	52	44	634	10.3	16	634	893	1123.93	13744
Jan 2005	850	65	36	691	11.2	12	691	904	1125.59	13910
Feb 2005	650	67	33	720	13.0	11	720	901	1125.15	13865
Mar 2005	600	59	37	974	15.8	19	974	879	1121.63	13518
Apr 2005	600	14	45	1116	18.8	24	1116	844	1116.08	12982
May 2005	650	29	50	1030	16.8	30	1030	817	1111.82	12576
Jun 2005	800	17	60	894	15.0	30	894	807	1110.15	12419
Jul 2005	910	49	75	871	14.2	30	871	806	1109.98	12404
Aug 2005	910	96	80	800	13.0	30	800	812	1110.94	12494
Sep 2005	800	104	66	590	9.9	28	590	826	1113.13	12700
WY 2005	8230	634	628	9299		281	9300			
Oct 2005	600	43	48	427	6.9	28	427	834	1114.51	12831
Nov 2005	600	39	49	633	10.6	20	633	830	1113.89	12773
Dec 2005	800	52	42	612	10.0	15	612	841	1115.69	12944
Jan 2006	800	65	35	690	11.2	12	690	849	1116.95	13065
Feb 2006	600	67	32	689	12.4	11	689	845	1116.32	13004
Mar 2006	600	59	35	989	16.1	19	989	822	1112.53	12644
Apr 2006	600	14	43	1124	18.9	24	1124	787	1106.73	12102
May 2006	600	29	48	1032	16.8	30	1032	757	1101.77	11650
Jun 2006	650	17	57	900	15.1	30	900	738	1098.42	11350
Jul 2006	850	49	71	873	14.2	30	873	733	1097.62	11279
Aug 2006	900	96	75	807	13.1	30	807	738	1098.51	11358

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Bureau of Reclamation - CRFS 9/2004 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
* Sep 2003	584	-20	660	0	660	11.1	640.95	1643
WY 2003	9462	-256	9135	0	9135			
H Oct 2003	539	-7	706	0	706	11.5	634.31	1468
I Nov 2003	637	-11	568	0	568	9.5	636.53	1526
S Dec 2003	623	-18	540	0	540	8.8	638.98	1590
T Jan 2004	633	-20	580	0	580	9.4	640.22	1623
O Feb 2004	806	-17	695	0	695	12.1	643.62	1716
R Mar 2004	946	-25	958	0	958	15.6	642.21	1677
I Apr 2004	1049	-12	1033	0	1033	17.4	642.33	1680
C May 2004	1124	-44	1032	0	1032	16.8	644.09	1729
A Jun 2004	995	-24	1003	0	1003	16.8	642.91	1696
L Jul 2004	952	-24	918	0	918	14.9	643.29	1707
* Aug 2004	776	-38	740	0	740	12.0	643.20	1704
Sep 2004	548	-19	668	0	668	11.2	638.00	1564
WY 2004	9628	-259	9441	0	9441			
Oct 2004	362	-4	512	0	512	8.3	631.99	1409
Nov 2004	617	-10	556	0	556	9.3	634.00	1460
Dec 2004	634	-22	489	0	489	8.0	638.71	1583
Jan 2005	691	-17	590	0	590	9.6	641.80	1666
Feb 2005	720	-18	669	0	669	12.1	643.01	1699
Mar 2005	974	-31	942	0	942	15.3	643.01	1699
Apr 2005	1116	-33	1083	0	1083	18.2	643.01	1699
May 2005	1030	-29	1000	0	1000	16.3	643.01	1699
Jun 2005	894	-28	893	0	893	15.0	642.00	1671
Jul 2005	871	-30	854	0	854	13.9	641.50	1658
Aug 2005	800	-30	769	0	769	12.5	641.50	1658
Sep 2005	590	-17	667	0	667	11.2	638.00	1564
WY 2005	9299	-269	9024	0	9024			
Oct 2005	427	-6	613	0	613	10.0	630.49	1371
Nov 2005	633	-13	530	0	530	8.9	634.00	1460
Dec 2005	612	-26	463	0	463	7.5	638.71	1583
Jan 2006	690	-17	589	0	589	9.6	641.80	1666
Feb 2006	689	-18	671	0	671	12.1	641.80	1666
Mar 2006	989	-31	936	0	936	15.2	642.60	1688
Apr 2006	1124	-33	1079	0	1079	18.1	643.01	1699
May 2006	1032	-29	1002	0	1002	16.3	643.01	1699
Jun 2006	900	-28	899	0	899	15.1	642.00	1671
Jul 2006	873	-30	856	0	856	13.9	641.50	1658
Aug 2006	807	-30	776	0	776	12.6	641.50	1658



OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 9/2004 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
* Sep 2003	660	-9	572	9.6	57	54	447.05	562	93	1.6
WY 2003	9135	19	6840		764	1492			1571	
H Oct 2003	706	-9	509	8.3	60	125	447.20	565	73	1.2
I Nov 2003	568	6	336	5.7	67	175	446.96	560	100	1.7
S Dec 2003	540	9	347	5.6	75	171	444.52	516	121	2.0
T Jan 2004	580	-4	333	5.4	60	188	444.21	511	129	2.1
O Feb 2004	695	1	418	7.3	58	175	446.75	557	169	2.9
R Mar 2004	958	-12	724	11.8	57	186	445.64	536	202	3.3
I Apr 2004	1033	-6	751	12.6	71	181	446.84	558	212	3.6
C May 2004	1032	-16	734	11.9	68	188	448.14	583	112	1.8
A Jun 2004	1003	-24	739	12.4	69	165	448.39	587	109	1.8
L Jul 2004	918	-23	731	11.9	52	104	448.77	595	121	2.0
* Aug 2004	740	-17	654	10.6	43	45	447.70	574	98	1.6
Sep 2004	668	-6	563	9.5	42	73	446.80	557	89	1.5
WY 2004	9441	-101	6839		722	1776			1535	
Oct 2004	512	-4	486	7.9	26	5	446.30	548	74	1.2
Nov 2004	556	3	380	6.4	35	149	445.99	543	99	1.7
Dec 2004	489	12	325	5.3	35	144	445.80	539	119	1.9
Jan 2005	590	12	357	5.8	59	186	445.80	539	130	2.1
Feb 2005	669	0	467	8.4	33	168	445.80	539	155	2.8
Mar 2005	942	-8	669	10.9	62	187	446.70	555	200	3.3
Apr 2005	1083	-8	796	13.4	60	181	448.71	594	193	3.2
May 2005	1000	0	740	12.0	62	180	449.60	611	109	1.8
Jun 2005	893	-13	733	12.3	30	116	449.60	611	111	1.9
Jul 2005	854	-7	763	12.4	31	83	448.00	580	121	2.0
Aug 2005	769	-2	665	10.8	31	80	447.50	570	100	1.6
Sep 2005	667	-6	559	9.4	30	84	446.81	557	90	1.5
WY 2005	9024	-21	6940		494	1563			1501	
Oct 2005	613	-4	484	7.9	31	103	446.29	548	72	1.2
Nov 2005	530	3	375	6.3	41	123	446.00	543	99	1.7
Dec 2005	463	12	320	5.2	42	117	445.80	539	119	1.9
Jan 2006	589	12	356	5.8	59	186	445.80	539	130	2.1
Feb 2006	671	0	466	8.4	33	168	446.00	543	155	2.8
Mar 2006	936	-8	667	10.8	62	186	446.70	555	200	3.3
Apr 2006	1079	-8	793	13.3	60	180	448.71	594	193	3.2
May 2006	1002	0	737	12.0	62	185	449.60	611	109	1.8
Jun 2006	899	-13	730	12.3	30	125	449.60	611	111	1.9
Jul 2006	856	-7	760	12.4	31	88	448.00	580	121	2.0
Aug 2006	776	-2	662	10.8	31	90	447.50	570	100	1.6

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 E M R E S E R V O I R S

Bureau of Reclamation - CRFS 9/2004 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
* Sep 2003	584	9.8	1142.12	15618	-124	0.00	1840.0	242.1	100	414.5
WY 2003	9463							4112.9		
H Oct 2003	539	8.8	1141.17	15517	-101	0.00	1490.0	225.4	81	418.5
I Nov 2003	637	10.7	1139.48	15337	-178	0.00	1233.0	272.5	67	427.7
S Dec 2003	623	10.1	1139.12	15300	-38	0.00	1141.0	266.0	62	426.8
T Jan 2004	633	10.3	1140.39	15434	134	0.00	1141.0	270.3	62	426.9
O Feb 2004	806	14.0	1140.11	15404	-29	0.00	1251.0	349.0	68	433.3
R Mar 2004	946	15.4	1138.70	15255	-149	0.00	1270.0	391.6	69	414.1
I Apr 2004	1049	17.6	1134.98	14866	-389	0.00	1194.0	450.9	69	429.9
C May 2004	1124	18.3	1129.70	14324	-542	0.00	1767.0	474.0	100	421.6
A Jun 2004	995	16.7	1126.93	14044	-280	0.00	1731.0	410.2	100	412.2
L Jul 2004	952	15.5	1125.73	13924	-120	0.00	1731.0	388.3	100	407.6
* Aug 2004	776	12.6	1126.67	14018	94	0.00	1731.0	305.8	100	394.0
Sep 2004	548	9.2	1126.11	13962	-56	474.15	1731.0	224.4	100	409.9
WY 2004	9628							4028.2		
Oct 2004	362	5.9	1126.98	14048	87	479.75	1298.2	144.7	75	400.2
Nov 2004	617	10.4	1125.34	13885	-163	482.00	1194.4	264.3	69	428.3
Dec 2004	634	10.3	1123.93	13744	-141	478.61	1194.4	269.8	69	425.5
Jan 2005	691	11.2	1125.59	13910	165	475.40	1315.6	290.8	76	420.5
Feb 2005	720	13.0	1125.15	13865	-44	474.60	1315.6	308.8	76	428.6
Mar 2005	974	15.8	1121.63	13518	-348	471.79	1384.8	417.2	80	428.4
Apr 2005	1116	18.8	1116.08	12982	-536	467.17	1402.1	478.3	81	428.4
May 2005	1030	16.8	1111.82	12576	-405	460.20	1731.0	422.4	100	410.1
Jun 2005	894	15.0	1110.15	12419	-157	457.58	1731.0	365.9	100	409.3
Jul 2005	871	14.2	1109.98	12404	-16	457.16	1731.0	361.4	100	414.8
Aug 2005	800	13.0	1110.94	12494	90	457.72	1731.0	329.0	100	411.1
Sep 2005	590	9.9	1113.13	12700	206	460.43	1731.0	239.0	100	404.9
WY 2005	9301							3891.4		
Oct 2005	427	6.9	1114.51	12831	131	465.09	1609.8	171.4	93	401.5
Nov 2005	633	10.6	1113.89	12773	-59	470.02	1280.9	261.6	74	413.4
Dec 2005	612	10.0	1115.69	12944	171	468.25	1280.9	254.0	74	414.7
Jan 2006	690	11.2	1116.95	13065	121	467.22	1280.9	286.3	74	414.9
Feb 2006	689	12.4	1116.32	13004	-61	466.30	1315.6	289.3	76	419.7
Mar 2006	989	16.1	1112.53	12644	-360	463.40	1384.8	410.9	80	415.7
Apr 2006	1124	18.9	1106.73	12102	-542	458.12	1402.1	473.3	81	421.2
May 2006	1032	16.8	1101.77	11650	-452	450.57	1731.0	415.2	100	402.4
Jun 2006	900	15.1	1098.42	11350	-301	446.77	1731.0	360.8	100	400.9
Jul 2006	873	14.2	1097.62	11279	-70	445.21	1731.0	353.6	100	405.0
Aug 2006	807	13.1	1098.51	11358	78	445.42	1731.0	324.2	100	401.6

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 9/2004 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
* Sep 2003	660	11.1	640.95	1643	-96	0.00	204.0	82.2	80	124.6
WY 2003	9134							1143.3		
H Oct 2003	706	11.5	634.31	1468	-175	0.00	204.0	84.7	80	120.0
I Nov 2003	568	9.5	636.53	1526	58	0.00	196.0	67.9	77	119.5
S Dec 2003	540	8.8	638.98	1590	65	0.00	173.0	65.3	68	120.9
T Jan 2004	580	9.4	640.22	1623	33	0.00	163.0	72.2	64	124.6
O Feb 2004	695	12.1	643.62	1716	92	0.00	189.0	86.8	74	124.8
R Mar 2004	958	15.6	642.21	1677	-38	0.00	209.0	121.6	82	126.9
I Apr 2004	1033	17.4	642.33	1680	3	0.00	255.0	128.5	100	124.4
C May 2004	1032	16.8	644.09	1729	48	0.00	255.0	130.0	100	126.0
A Jun 2004	1003	16.8	642.91	1696	-32	0.00	255.0	119.7	100	119.4
L Jul 2004	918	14.9	643.29	1707	10	0.00	255.0	114.1	100	124.3
* Aug 2004	740	12.0	643.20	1704	-2	0.00	255.0	92.3	100	124.7
Sep 2004	668	11.2	638.00	1564	-140	133.52	255.0	83.1	100	124.4
WY 2004	9440							1166.1		
Oct 2004	512	8.3	631.99	1409	-155	129.11	204.0	61.7	80	120.4
Nov 2004	556	9.3	634.00	1460	51	127.26	196.3	65.7	77	118.2
Dec 2004	489	8.0	638.71	1583	123	131.54	173.4	59.5	68	121.8
Jan 2005	590	9.6	641.80	1666	83	135.97	163.2	73.6	64	124.7
Feb 2005	669	12.1	643.01	1699	33	137.30	188.7	84.1	74	125.7
Mar 2005	942	15.3	643.01	1699	0	137.29	209.1	118.0	82	125.2
Apr 2005	1083	18.2	643.01	1699	0	136.05	255.0	134.6	100	124.3
May 2005	1000	16.3	643.01	1699	0	136.05	255.0	125.0	100	124.9
Jun 2005	893	15.0	642.00	1671	-28	135.52	255.0	111.5	100	124.8
Jul 2005	854	13.9	641.50	1658	-14	134.73	255.0	106.3	100	124.5
Aug 2005	769	12.5	641.50	1658	0	134.46	255.0	96.0	100	124.7
Sep 2005	667	11.2	638.00	1564	-94	132.63	255.0	82.4	100	123.6
WY 2005	9026							1118.4		
Oct 2005	613	10.0	630.49	1371	-193	128.32	204.0	73.1	80	119.1
Nov 2005	530	8.9	634.00	1460	89	126.46	196.3	62.4	77	117.7
Dec 2005	463	7.5	638.71	1583	123	131.54	173.4	56.5	68	122.0
Jan 2006	589	9.6	641.80	1666	83	135.97	163.2	73.4	64	124.7
Feb 2006	671	12.1	641.80	1666	0	136.69	188.7	84.0	74	125.1
Mar 2006	936	15.2	642.60	1688	22	136.48	209.1	116.5	82	124.5
Apr 2006	1079	18.1	643.01	1699	11	135.84	255.0	134.0	100	124.2
May 2006	1002	16.3	643.01	1699	0	136.05	255.0	125.2	100	124.9
Jun 2006	899	15.1	642.00	1671	-28	135.52	255.0	112.2	100	124.8
Jul 2006	856	13.9	641.50	1658	-14	134.73	255.0	106.5	100	124.5
Aug 2006	776	12.6	641.50	1658	0	134.46	255.0	96.8	100	124.7

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 E M R E S E R V O I R S

Bureau of Reclamation - CRFS 9/2004 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
* Sep 2003	572	9.6	447.05	562	-33	0.00	113.0	39.9	94	69.8
WY 2003	6841							465.3		
H Oct 2003	509	8.3	447.20	565	3	0.00	92.0	34.6	77	68.0
I Nov 2003	336	5.7	446.96	560	-5	0.00	94.0	22.9	78	68.0
S Dec 2003	347	5.6	444.52	516	-44	0.00	103.0	23.1	86	66.5
T Jan 2004	333	5.4	444.21	511	-6	0.00	120.0	21.6	100	64.9
O Feb 2004	418	7.3	446.75	557	46	0.00	120.0	28.0	100	66.9
R Mar 2004	724	11.8	445.64	536	-20	0.00	120.0	48.7	100	67.3
I Apr 2004	751	12.6	446.84	558	3	0.00	120.0	50.2	100	66.9
C May 2004	734	11.9	448.14	583	24	0.00	120.0	50.3	100	68.5
A Jun 2004	739	12.4	448.39	587	5	0.00	120.0	49.5	100	67.0
L Jul 2004	731	11.9	448.77	595	7	0.00	120.0	49.4	100	67.6
* Aug 2004	654	10.6	447.70	574	-20	0.00	120.0	44.3	100	67.7
Sep 2004	563	9.5	446.80	557	-17	74.65	120.0	36.6	100	65.0
WY 2004	6840							459.3		
Oct 2004	486	7.9	446.30	548	-9	75.37	90.0	31.8	75	65.4
Nov 2004	380	6.4	445.99	543	-6	74.98	90.0	24.5	75	64.5
Dec 2004	325	5.3	445.80	539	-4	74.73	90.0	20.7	75	63.6
Jan 2005	357	5.8	445.80	539	0	74.64	90.0	22.8	75	63.9
Feb 2005	467	8.4	445.80	539	0	74.64	90.0	30.4	75	65.0
Mar 2005	669	10.9	446.70	555	16	75.08	90.0	44.1	75	66.0
Apr 2005	796	13.4	448.71	594	38	75.09	120.0	52.5	100	66.0
May 2005	740	12.0	449.60	611	18	76.49	120.0	49.5	100	66.9
Jun 2005	733	12.3	449.60	611	0	76.93	120.0	49.3	100	67.3
Jul 2005	763	12.4	448.00	580	-31	76.15	120.0	50.9	100	66.7
Aug 2005	665	10.8	447.50	570	-10	75.13	120.0	43.7	100	65.7
Sep 2005	559	9.4	446.81	557	-13	74.86	112.8	36.4	94	65.2
WY 2005	6940							456.7		
Oct 2005	484	7.9	446.29	548	-9	75.24	92.4	31.6	77	65.3
Nov 2005	375	6.3	446.00	543	-5	74.79	93.6	24.1	78	64.2
Dec 2005	320	5.2	445.80	539	-4	74.07	103.2	20.2	86	63.0
Jan 2006	356	5.8	445.80	539	0	74.64	90.0	22.7	75	63.9
Feb 2006	466	8.4	446.00	543	4	74.74	90.0	30.3	75	65.1
Mar 2006	667	10.8	446.70	555	13	75.17	90.0	44.0	75	66.0
Apr 2006	793	13.3	448.71	594	38	75.09	120.0	52.3	100	66.0
May 2006	737	12.0	449.60	611	18	76.49	120.0	49.3	100	66.9
Jun 2006	730	12.3	449.60	611	0	76.93	120.0	49.1	100	67.3
Jul 2006	760	12.4	448.00	580	-31	76.15	120.0	50.7	100	66.7
Aug 2006	662	10.8	447.50	570	-10	75.13	120.0	43.5	100	65.7

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 9/2004 Most Prob Water Supply

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Upper Basin Power

	Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* Sep 2003	201	32	17	23	22	3
Summer 2003	201	32	17	23	22	3
H Oct 2003	206	17	13	18	8	2
I Nov 2003	198	17	4	6	0	3
S Dec 2003	251	22	4	5	1	3
T Jan 2004	325	17	4	6	0	3
O Feb 2004	304	16	5	5	0	3
R Mar 2004	312	18	3	6	0	3
Winter 2004	1596	106	32	46	8	17
I Apr 2004	263	17	8	14	4	7
C May 2004	239	37	9	16	0	4
A Jun 2004	324	20	16	22	0	5
L Jul 2004	360	20	28	34	0	8
* Aug 2004	354	21	28	33	0	7
Sep 2004	179	21	21	27	0	5
Summer 2004	1720	136	110	146	4	36
Oct 2004	181	17	13	17	10	5
Nov 2004	174	17	4	6	4	5
Dec 2004	179	17	4	6	4	5
Jan 2005	306	17	5	6	4	4
Feb 2005	231	16	5	7	4	4
Mar 2005	212	17	8	10	7	4
Winter 2005	1284	102	39	53	33	27
Apr 2005	211	17	15	21	14	4
May 2005	231	44	15	27	22	6
Jun 2005	293	63	14	23	21	8
Jul 2005	340	25	29	35	22	10
Aug 2005	339	25	32	38	22	7
Sep 2005	295	24	31	37	21	6
Summer 2005	1708	197	135	179	121	42
Oct 2005	220	25	23	28	16	6
Nov 2005	219	24	15	19	11	6
Dec 2005	290	25	23	28	16	6
Jan 2006	287	25	23	29	16	5
Feb 2006	214	22	21	27	15	4
Mar 2006	213	39	21	28	16	5
Winter 2006	1443	159	126	159	90	32
Apr 2006	213	39	23	33	20	5
May 2006	217	59	12	25	22	6
Jun 2006	244	74	11	20	21	8
Jul 2006	327	22	27	34	22	10
Aug 2006	346	22	32	37	22	7



APR 2006 0 27.6	876	401	602	16328	18207	14736	32943	538	401	290	1229	16328	14736	32294	1500	1124
MAY 2006 0 28.5	850	410	533	16175	17967	15278	33245	504	410	196	1109	16175	15278	32562	1500	1032
JUN 2006 0 30.1	752	264	449	15174	16638	15730	32368	393	262	78	733	15174	15730	31637	1500	900
JUL 2006 0 30.4	547	60	469	13665	14741	16030	30772	172	34	52	258	13665	16030	29954	1500	873
AUG 2006 0 30.1	395	27	468	13372	14262	16101	30363	395	27	468	890	13372	16101	30363	1500	807

\* \* \* \* C R E D I T A B L E S P A C E \* \* \* \*