

Date: August 19, 2004

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

Current Status

	July inflow(unreg) (Acre-Feet)	Percent of normal	Midnight July 16 Elevation	Reservoir Storage (Acre-Feet)
Fontenelle	168,000	79	6502.47	318,000
Flaming Gorge	181,000	70	6011.23	2,681,000
Blue Mesa	66,000	49	7490.72	587,000
Powell	546,000	35	3575.91	9,593,000
Navajo	21,500	25	6025.51	964,000

Expected Operation

FONTENELLE – Inflows during July were well above forecasted levels due to increased precipitation in the first half of the month. Fontenelle Reservoir received 168,000 acre-feet of inflow during the month which was 48,000 acre-feet more than was forecasted. As a result, the reservoir filled to near capacity during the month. On July 3rd, releases were increased to 3000 cfs (1500 cfs above the capacity of the powerplant). For much of the month, releases were held above 2000 cfs to control the elevation of the reservoir. This provided flow levels in the Green River below Fontenelle Dam that have not been seen for over 4 years.

The reservoir elevation reached a peak of 6505.2 feet above sea level (0.8 feet below the invert elevation of the spillway) on July 20, 2004. Inflows have subsided and the reservoir elevation is now decreasing at a steady rate. Inflows have fallen below 1000 cfs and releases during the month of August will likely remain near 1200 cfs. In late August or September, releases will likely be reduced to near 1000 cfs for the remainder of the fall and winter months. The reservoir elevation will likely decrease to near the active storage elevation of 6463 feet above sea level by mid-March 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 is scheduled for August 18th, 2004 at 10:30 a.m. and will at the Seedskadee Wildlife Refuge below Fontenelle Dam. For more information about the Working Group, contact Ed Vidmar at 801-379-1182.

FLAMING GORGE – During the month of July, Fontenelle Reservoir upstream from Flaming Gorge filled to near capacity. As a result, releases from Fontenelle were increased to about 2500 cfs

for much of the month in order to control the reservoir elevation. Flaming Gorge Reservoir benefited from the higher releases from Fontenelle as the reservoir elevation of Flaming Gorge increased over 2 feet during the month of July. As of August 8, 2004 the reservoir elevation of Flaming Gorge was 6011.23 feet above sea level (28.77 feet from the full pool elevation). Meanwhile, releases from Flaming Gorge Dam averaged 1000 cfs per day with peak releases in the afternoons of about 1500 cfs and evening releases of about 800 cfs.

During the latter half of August, releases will likely be reduced from 1000 cfs to about 800 cfs to conserve reservoir storage. Over the summer months, releases have averaged 1000 cfs in order to elevate the base flows in the Green River. Water that was saved last spring as a result of a shortened duration spring peak release was scheduled for release during the summer months for elevating the base flows. The water that was saved for this purpose is now nearly gone. When releases are reduced to 800 cfs, the fluctuation pattern that has been in place during the summer will be replaced by steady flows. The 800 cfs releases will likely be in place for the fall and winter months.

The next "Flaming Gorge Working Group" meeting is to be held on August 19th, 2004 in Heber, Utah at 10:00 a.m. The location is yet to be determined. 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 – July unregulated inflow into Blue Mesa Reservoir was 66,000 acre-feet or 49 percent of average. Hydrologic conditions remain dry with drought still the controlling factor for water management throughout the region. July recorded precipitation was 95 percent of average. The current inflow rate into Blue Mesa Reservoir is about 900 cfs and reservoir releases are averaging about 1450 cfs. Blue Mesa's present elevation is 7492.09 feet, which corresponds to a storage content of about 598,000 acre-feet. The actual April through July Spring runoff into Blue Mesa Reservoir was recorded at 422,000 acre-feet or about 59 percent of normal runoff. Blue Mesa Reservoir reached a peak elevation of 7497.0 feet on July 4, 2004, which was better than last year's peak elevation of 7481.2 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 start to decrease as downstream demands slow down, which should start to happen during the month of August and continue into the month of October. Some fluctuation to river flows may occur as we respond to these downstream water needs.

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

NAVAJO – Due to a continued decline in stream flows, the Bureau of Reclamation will be increasing the release from Navajo Reservoir from 650 cubic feet per second (cfs) to 700 cfs on August 11, 2004, at 4:00 a.m. 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 400 cfs and reservoir releases are set at 700 cfs. Presently, the reservoir water surface elevation is 6026.90 feet, which corresponds to a storage content of about 978,000 acre-feet. The monthly precipitation average in the basin above Bluff was 70 percent of average during July. Last Spring's snowmelt runoff volume (April-July) into Navajo Reservoir was 530,000 acre-feet, or 67 percent of average.

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

Lake Powell - Current Status

Glen Canyon Dam Operations

In August 2004, a volume of 900,000 acre-feet is scheduled to be released from Lake Powell, which is an average of 14,600 cubic feet per second (cfs). On Mondays through Fridays in August, daily fluctuations due to load following will likely vary between a low of about 10,000 cfs (during late evening and early morning off-peak hours) to a high of about 18,000 cfs (during late afternoon and early evening on-peak hours). On Saturdays, releases will likely vary between a low of about 10,000 cfs during off-peak hours to a high of about 16,500 cfs during on-peak hours. On Sundays, releases will likely vary between a low of about 10,000 cfs during off-peak hours to a high of about 17,000 cfs during on-peak hours. The release pattern in August will be similar to that observed in July. This release pattern is shown in the following graph. It should be noted, however, that actual releases will occasionally deviate somewhat from those displayed due to real-time power system considerations.

Releases in September, 2004 will be much lower. A volume of 480,000 acre-feet is scheduled to be released in September, 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 summer season in the Colorado River Basin has featured cooler than average temperatures with precipitation at near average levels. This has caused inflows to be just a bit above those forecasted when the summer began. Regardless, inflows remain much below average. In early June, April through July unregulated inflow to Lake Powell was forecasted to be 43 percent of average. Actual April through July unregulated inflow in 2004 was 3.64 million acre-feet, 46 percent of average.

The month of March dashed hopes that 2004 would bring relief to the ongoing drought in the Colorado River Basin. Basin snowpack on March 1, 2004 was 96 percent of average. At that time, the April through July inflow was forecasted to be 82 percent of average. The weather pattern in March, 2004 was very dry and extremely warm for early spring. Temperatures around the basin for much of the month were 20 degrees above average. Basinwide snowpack dropped over 30 percentage points in March. Inflow projections to Lake Powell were reduced to 50 percent of average in early April.

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 now forecasted to be 52 percent of average. Inflow in water year 2002 was the lowest ever observed since the completion of Glen Canyon Dam in 1963.

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 July 29, 2004 observed inflow to Lake Powell was 6,600 cfs about 50 percent of what is normally seen in early August. Total unregulated inflow to Lake Powell in March, April, May, and June of this year was 81, 83, 51, and 36 percent of average, respectively. Unregulated inflow in July was 546,000 acre-feet, or 35 percent of average.

Low inflows the past 5 years have reduced water storage in Lake Powell. The current elevation (as of August 2, 2004) of Lake Powell is 3,579 feet (121 feet from full pool). Current storage is 9.9 million acre-feet (41 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 3,570 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.

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

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				Observed	
:	:	apr	may	jun	jul	%Avg	aug	sep	oct	apr-jul	%Avg		
GLDA3 :Lake Powell		816	1181	1096	546	35%:	325/	300/	375/:	3639/	46%		
GBRW4 :Fontenelle		66	67	182	168	79%:	70/	35/	35/:	483/	56%		
GRNU1 :Flaming Gorge		84	76	188	181	70%:	80/	40/	40/:	529/	44%		
BMDC2 :Blue Mesa		68	154	134	66	49%:	38/	23/	27/:	422/	59%		
MPSC2 :Morrow Point		78	171	143	67	47%:	40/	25/	29/:	459/	58%		
CLSC2 :Crystal		88	194	156	69	43%:	45/	30/	34/:	507/	55%		
VCRC2 :Vallecito		21	73	51	19.9	57%:	12/	13/	9/:	164/	80%		
NVRN5 :Navajo		152	225	132	21.5	25%:	35/	26/	27/:	530/	66%		
MPHC2 :McPhee										:	204/	64%	
TPIC2 :Taylor Park										:	65/	63%	
RBSC2 :Ridgway										:	83/	81%	
LEMC2 :Lemon										:	47/	81%	

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 8/2004 Most Prob Water Supply
Fontenelle Reservoir

17-aug-2004 07:34:11

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
* Aug 2003	35	2	47	0	47	6496.53
H Sep 2003	31	2	46	0	46	6494.31
WY 2003	653	16	598	31	629	258
I Oct 2003	27	1	29	17	46	6491.32
S Nov 2003	27	1	41	5	46	6488.45
T Dec 2003	28	1	46	0	46	6485.47
O Jan 2004	25	1	47	0	47	6481.72
R Feb 2004	23	1	43	0	43	6477.84
I Mar 2004	58	1	46	0	46	6479.97
C Apr 2004	66	1	44	0	44	6483.56
A May 2004	67	2	59	0	59	6484.57
L Jun 2004	182	2	60	0	60	6501.79
* Jul 2004	168	3	89	54	143	336
Aug 2004	70	2	82	0	82	6502.91
Sep 2004	35	2	60	0	60	6499.40
WY 2004	776	18	646	76	722	294
Oct 2004	35	1	61	0	61	6495.68
Nov 2004	34	1	60	0	60	6491.87
Dec 2004	26	1	61	0	61	6486.43
Jan 2005	24	1	61	0	61	6480.10
Feb 2005	23	0	56	0	56	6473.33
Mar 2005	41	0	61	0	61	6468.62
Apr 2005	73	1	60	0	60	6471.54
May 2005	155	1	94	0	94	6483.28
Jun 2005	281	2	103	72	175	6498.70
Jul 2005	168	3	103	29	132	6503.08
Aug 2005	73	2	71	0	71	6503.05
Sep 2005	42	2	67	0	67	6499.55
WY 2005	975	15	858	101	959	295
Oct 2005	47	1	69	0	69	6496.38
Nov 2005	39	1	67	0	67	6492.31
Dec 2005	30	1	69	0	69	6486.28
Jan 2006	28	1	69	0	69	6479.17
Feb 2006	26	0	62	0	62	6471.56
Mar 2006	47	0	74	0	74	6464.85
Apr 2006	84	1	89	0	89	6463.37
May 2006	176	1	94	46	140	6472.03
Jun 2006	320	2	98	110	208	6491.50
Jul 2006	192	2	108	37	145	283

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Bureau of Reclamation - CRFS 8/2004 Most Prob Water Supply
Flaming Gorge Reservoir

17-aug-2004 07:34:11

	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
* Aug 2003	33	44	11	52	0	52	69	6010.36	2653	0	65
H Sep 2003	26	40	9	50	0	50	68	6009.81	2635	0	65
WY 2003	764	737	68	709	0	709					2047
I Oct 2003	23	44	6	52	0	52	68	6009.38	2621	0	67
S Nov 2003	28	47	3	51	0	51	67	6009.17	2614	0	79
T Dec 2003	27	46	2	53	0	53	67	6008.91	2606	0	80
O Jan 2004	27	48	2	53	0	53	67	6008.73	2600	0	272
R Feb 2004	33	53	2	50	0	50	67	6008.77	2602	0	301
I Mar 2004	98	89	3	54	0	54	68	6009.71	2632	0	246
C Apr 2004	84	62	4	51	0	51	68	6009.90	2638	0	233
A May 2004	76	69	7	107	0	107	67	6008.57	2595	0	391
L Jun 2004	188	74	9	61	0	61	67	6008.69	2599	0	232
* Jul 2004	182	147	11	61	0	61	70	6010.91	2671	0	119
Aug 2004	80	92	9	57	0	57	71	6011.68	2696	0	57
Sep 2004	40	65	8	48	0	48	71	6011.96	2705	0	48
WY 2004	886	836	66	698	0	698					2125
Oct 2004	40	66	4	49	0	49	71	6012.33	2717	0	49
Nov 2004	44	70	2	48	0	48	72	6012.91	2737	0	48
Dec 2004	32	67	2	49	0	49	72	6013.39	2753	0	49
Jan 2005	36	73	2	49	0	49	73	6014.04	2775	0	49
Feb 2005	40	73	2	44	0	44	74	6014.82	2801	0	44
Mar 2005	85	105	4	49	0	49	76	6016.31	2851	0	49
Apr 2005	124	111	7	48	0	48	77	6017.89	2906	0	48
May 2005	239	178	9	123	0	123	79	6019.16	2950	0	123
Jun 2005	371	265	12	176	0	176	81	6021.27	3025	0	176
Jul 2005	205	169	13	68	0	68	84	6023.64	3110	0	68
Aug 2005	85	83	10	68	0	68	84	6023.78	3115	0	68
Sep 2005	51	76	9	65	0	65	84	6023.84	3118	0	65
WY 2005	1352	1336	76	836	0	836					836
Oct 2005	59	81	5	68	0	68	85	6024.06	3126	0	68
Nov 2005	50	78	2	65	0	65	85	6024.34	3136	0	65
Dec 2005	36	75	2	68	0	68	85	6024.48	3141	0	68
Jan 2006	41	82	2	68	0	68	86	6024.81	3153	0	68
Feb 2006	45	81	2	61	0	61	86	6025.28	3170	0	61
Mar 2006	97	124	4	108	0	108	87	6025.59	3182	0	108
Apr 2006	141	146	7	107	0	107	88	6026.42	3213	0	107
May 2006	273	237	10	162	0	162	90	6028.08	3276	0	162
Jun 2006	423	311	13	202	0	202	93	6030.51	3369	0	202
Jul 2006	233	186	14	61	0	61	96	6033.25	3476	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

Bureau of Reclamation - CRFS 8/2004 Most Prob Water Supply
Taylor Park Reservoir

17-aug-2004 07:34:11

	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Aug 2003	6	14	9308.70	68
H Sep 2003	8	7	9309.00	68
WY 2003	109	81		
I Oct 2003	5	4	9309.72	69
S Nov 2003	4	3	9310.47	71
T Dec 2003	4	3	9310.82	71
O Jan 2004	4	3	9311.17	72
R Feb 2004	4	3	9311.44	72
I Mar 2004	5	4	9312.62	74
C Apr 2004	8	4	9314.81	78
A May 2004	23	10	9322.01	91
L Jun 2004	23	16	9325.53	97
* Jul 2004	11	19	9321.35	89
Aug 2004	6	18	9314.32	77
Sep 2004	4	15	9307.56	66
WY 2004	101	102		
Oct 2004	5	6	9306.90	65
Nov 2004	4	3	9307.56	66
Dec 2004	4	3	9308.21	67
Jan 2005	3	3	9308.21	67
Feb 2005	3	3	9308.21	67
Mar 2005	3	4	9307.56	66
Apr 2005	6	6	9307.56	66
May 2005	21	10	9314.39	77
Jun 2005	36	16	9325.40	97
Jul 2005	17	18	9324.88	96
Aug 2005	8	18	9319.53	86
Sep 2005	6	16	9313.79	76
WY 2005	116	106		
Oct 2005	5	8	9311.98	73
Nov 2005	5	3	9313.20	75
Dec 2005	5	3	9314.39	77
Jan 2006	4	3	9314.98	78
Feb 2006	4	3	9315.56	79
Mar 2006	4	5	9314.98	78
Apr 2006	7	14	9310.75	71
May 2006	24	18	9314.39	77
Jun 2006	41	18	9326.94	100
Jul 2006	20	20	9326.94	100

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 8/2004 Most Prob Water Supply
Blue Mesa Reservoir

17-aug-2004 07:34:11

	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
* Aug 2003	33	40	1	93	0	93	7465.29	405
H Sep 2003	45	45	1	62	0	62	7462.45	387
WY 2003	631	606	5	489	0	489		
I Oct 2003	26	25	0	47	0	47	7458.78	364
S Nov 2003	23	22	0	16	0	16	7459.81	370
T Dec 2003	22	21	0	15	0	15	7460.86	377
O Jan 2004	21	20	0	14	0	14	7461.91	383
R Feb 2004	19	19	0	12	0	12	7463.03	390
I Mar 2004	46	44	0	13	0	13	7467.75	421
C Apr 2004	68	64	1	31	0	31	7472.65	454
A May 2004	154	141	1	32	0	32	7487.46	562
L Jun 2004	134	128	1	54	0	54	7496.75	635
* Jul 2004	65	72	1	93	0	93	7494.00	613
Aug 2004	38	50	1	90	0	90	7488.82	572
Sep 2004	23	34	1	72	0	72	7483.69	533
WY 2004	639	640	6	489	0	489		
Oct 2004	27	28	0	45	0	45	7481.40	516
Nov 2004	24	23	0	13	0	13	7482.72	526
Dec 2004	21	20	0	14	0	14	7483.57	532
Jan 2005	20	20	0	26	0	26	7482.74	526
Feb 2005	18	18	0	28	0	28	7481.43	516
Mar 2005	28	29	0	39	0	39	7480.01	506
Apr 2005	59	59	1	51	0	51	7481.08	514
May 2005	172	161	1	44	0	44	7496.13	630
Jun 2005	231	211	1	47	0	47	7515.28	792
Jul 2005	106	107	2	95	0	95	7516.44	803
Aug 2005	51	61	1	104	0	104	7511.47	759
Sep 2005	29	39	1	100	0	100	7504.24	697
WY 2005	786	776	7	606	0	606		
Oct 2005	32	35	1	76	0	76	7499.30	656
Nov 2005	28	26	0	46	0	46	7496.81	635
Dec 2005	23	21	0	75	0	75	7489.98	581
Jan 2006	23	22	0	80	0	80	7482.31	523
Feb 2006	21	20	0	72	0	72	7475.08	471
Mar 2006	32	33	0	69	0	69	7469.79	434
Apr 2006	68	75	1	68	0	68	7470.73	441
May 2006	196	190	1	46	0	46	7490.31	584
Jun 2006	263	240	1	47	0	47	7513.37	775
Jul 2006	121	121	2	92	0	92	7516.44	803

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 8/2004 Most Prob Water Supply
Morrow Point Reservoir

17-aug-2004 07:34:11

	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
* Aug 2003	36	93	3	95	0	97	0	97	7152.55	111
H Sep 2003	47	62	2	64	0	64	0	64	7153.42	112
WY 2003	678	489	48	536	0	380	149	529		
I Oct 2003	28	47	2	49	0	52	0	52	7149.88	109
S Nov 2003	25	16	2	18	0	16	0	16	7151.87	111
T Dec 2003	24	15	2	16	0	15	0	15	7153.36	112
O Jan 2004	23	14	2	15	0	17	0	17	7151.70	110
R Feb 2004	22	12	2	14	0	15	0	15	7150.31	109
I Mar 2004	51	13	5	18	0	17	0	17	7151.24	110
C Apr 2004	78	31	10	40	0	40	0	40	7151.23	110
A May 2004	171	32	18	50	0	47	0	47	7154.18	112
L Jun 2004	143	54	8	62	0	62	0	62	7154.59	113
* Jul 2004	66	93	1	94	0	95	0	95	7152.76	111
Aug 2004	40	90	2	92	0	91	0	91	7153.73	112
Sep 2004	25	72	2	74	0	74	0	74	7153.73	112
WY 2004	696	489	56	542	0	541	0	541		
Oct 2004	29	45	2	46	0	47	0	47	7153.73	112
Nov 2004	27	13	3	16	0	16	0	16	7153.73	112
Dec 2004	22	14	1	15	0	15	0	15	7153.73	112
Jan 2005	22	26	2	28	0	28	0	28	7153.73	112
Feb 2005	21	28	3	30	0	31	0	31	7153.73	112
Mar 2005	32	39	4	43	0	43	0	43	7153.73	112
Apr 2005	68	51	9	60	0	60	0	60	7153.73	112
May 2005	193	44	21	65	0	65	0	65	7153.73	112
Jun 2005	249	47	18	65	0	65	0	65	7153.73	112
Jul 2005	111	95	5	100	0	100	0	100	7153.73	112
Aug 2005	54	104	3	107	0	107	0	107	7153.73	112
Sep 2005	31	100	2	102	0	102	0	102	7153.73	112
WY 2005	859	606	73	677	0	679	0	679		
Oct 2005	35	76	3	79	0	79	0	79	7153.73	112
Nov 2005	31	46	3	49	0	49	0	49	7153.73	112
Dec 2005	25	75	2	77	0	77	0	77	7153.73	112
Jan 2006	25	80	2	82	0	82	0	82	7153.73	112
Feb 2006	23	72	2	74	0	74	0	74	7153.73	112
Mar 2006	36	69	4	73	0	73	0	73	7153.73	112
Apr 2006	77	68	9	77	0	77	0	77	7153.73	112
May 2006	220	46	24	70	0	70	0	70	7153.73	112
Jun 2006	284	47	21	68	0	68	0	68	7153.73	112
Jul 2006	127	92	6	98	0	98	0	98	7153.73	112

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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
* Aug 2003	42	97	6	103	102	0	102	6752.65	17	62	41
H Sep 2003	52	64	5	68	70	0	70	6744.61	15	46	27
WY 2003	756	529	76	605	522	85	607		351		269
I Oct 2003	32	52	4	56	27	28	55	6746.98	15	34	23
S Nov 2003	29	16	4	20	0	20	20	6747.86	16	0	20
T Dec 2003	27	15	4	19	0	20	20	6744.53	15	1	19
O Jan 2004	27	17	4	21	0	20	20	6748.12	16	0	20
R Feb 2004	25	15	3	18	0	18	18	6748.18	16	5	19
I Mar 2004	58	17	7	25	0	24	24	6749.98	16	19	19
C Apr 2004	88	40	10	50	0	50	50	6751.44	17	33	19
A May 2004	194	47	23	70	0	70	70	6751.47	17	50	22
L Jun 2004	156	62	13	75	0	75	75	6752.33	17	55	22
* Jul 2004	68	95	2	97	0	99	99	6746.23	15	64	40
Aug 2004	45	91	5	96	0	96	96	6746.05	15	65	31
Sep 2004	30	74	5	79	0	79	79	6746.05	15	55	24
WY 2004	779	541	84	626	27	599	626		381		278
Oct 2004	34	47	5	52	52	0	52	6746.05	15	30	22
Nov 2004	32	16	5	21	21	0	21	6746.05	15	0	21
Dec 2004	26	15	4	19	19	0	19	6746.05	15	0	19
Jan 2005	25	28	3	31	31	0	31	6746.05	15	0	31
Feb 2005	24	31	3	33	33	0	33	6746.05	15	0	33
Mar 2005	37	43	5	48	48	0	48	6746.05	15	5	43
Apr 2005	80	60	12	72	72	0	72	6746.05	15	30	41
May 2005	228	65	35	100	100	0	100	6746.05	15	55	45
Jun 2005	288	65	39	104	104	0	104	6746.05	15	60	44
Jul 2005	127	100	16	116	116	0	116	6746.05	15	65	51
Aug 2005	63	107	9	116	116	0	116	6746.05	15	65	51
Sep 2005	38	102	7	109	109	0	109	6746.05	15	55	54
WY 2005	1002	679	143	821	821	0	821		365		455
Oct 2005	42	79	7	86	86	0	86	6746.05	15	30	56
Nov 2005	36	49	5	54	54	0	54	6746.05	15	0	54
Dec 2005	30	77	5	82	82	0	82	6746.05	15	0	82
Jan 2006	29	82	4	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	73	6	79	79	0	79	6746.05	15	5	74
Apr 2006	91	77	14	91	91	0	91	6746.05	15	30	61
May 2006	260	70	40	110	110	0	110	6746.05	15	55	55
Jun 2006	328	68	44	112	112	0	112	6746.05	15	60	52
Jul 2006	145	98	18	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
* Aug 2003	11	26	7616.93	25
H Sep 2003	17	6	7624.58	36
WY 2003	163	142		
I Oct 2003	6	4	7625.86	38
S Nov 2003	6	0	7629.25	43
T Dec 2003	5	0	7631.78	48
O Jan 2004	5	0	7634.30	53
R Feb 2004	4	0	7636.34	57
I Mar 2004	16	0	7643.57	72
C Apr 2004	25	7	7651.11	90
A May 2004	73	44	7662.38	118
L Jun 2004	51	49	7663.00	120
* Jul 2004	20	42	7654.40	98
Aug 2004	12	42	7641.85	68
Sep 2004	13	35	7630.84	46
WY 2004	236	223		
Oct 2004	9	13	7628.57	42
Nov 2004	7	0	7632.29	49
Dec 2004	5	0	7634.73	54
Jan 2005	4	0	7636.57	57
Feb 2005	4	0	7638.36	61
Mar 2005	6	0	7641.02	67
Apr 2005	17	7	7645.65	77
May 2005	53	43	7649.91	87
Jun 2005	65	42	7659.30	110
Jul 2005	28	43	7653.40	95
Aug 2005	15	43	7641.39	67
Sep 2005	13	35	7630.29	45
WY 2005	226	226		
Oct 2005	13	12	7630.85	46
Nov 2005	8	0	7634.92	54
Dec 2005	5	0	7637.25	59
Jan 2006	5	0	7639.48	63
Feb 2006	5	0	7641.65	68
Mar 2006	7	0	7644.64	75
Apr 2006	19	8	7649.37	86
May 2006	60	46	7655.08	100
Jun 2006	74	48	7665.00	126
Jul 2006	32	48	7658.99	110

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Navajo Reservoir

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	Mod	Unreg	Azetea	Reg	Evap	NIIP	Total	Reservoir	Live	Farm
	Inflow	Tunnel	Div	Inflow	Losses	Diversions	Release	Elevation	Storage	Flow
	1000	1000	1000	1000	1000	1000	1000	EOM	1000	1000
	Ac-Ft	Ac-Ft	Ac-Ft	Ac-Ft	Ac-Ft	ac-Ft	Ac-Ft	Feet	Ac-Ft	Ac-Ft
* Aug 2003	2	1	19	2	33	43	6000.18	740	51	
H Sep 2003	48	3	35	2	15	24	5999.45	734	67	
WY 2003	479	62	400	17	183	338			604	
I Oct 2003	14	0	12	1	7	27	5996.50	711	49	
S Nov 2003	24	0	18	1	0	16	5996.73	713	51	
T Dec 2003	18	0	13	0	0	16	5996.36	710	78	
O Jan 2004	17	0	13	0	0	16	5995.94	707	60	
R Feb 2004	24	0	20	1	1	15	5996.45	711	33	
I Mar 2004	120	12	94	1	4	16	6005.51	784	58	
C Apr 2004	152	15	119	2	11	21	6015.33	869	98	
A May 2004	225	30	168	3	28	22	6027.58	984	155	
L Jun 2004	132	20	109	3	40	22	6031.96	1028	115	
* Jul 2004	19	2	40	3	39	33	6028.39	992	48	
Aug 2004	35	3	62	2	41	44	6025.82	967	44	
Sep 2004	26	1	47	2	18	24	6026.17	971	24	
WY 2004	806	83	715	19	189	272			813	
Oct 2004	27	1	30	1	12	22	6025.60	965	22	
Nov 2004	28	0	21	1	1	16	6026.00	969	16	
Dec 2004	20	0	15	0	0	15	6025.94	968	15	
Jan 2005	17	0	13	0	0	16	6025.64	965	16	
Feb 2005	24	0	20	0	0	15	6026.16	970	15	
Mar 2005	71	1	65	1	5	15	6030.54	1014	15	
Apr 2005	137	14	112	2	24	15	6037.51	1086	15	
May 2005	223	31	182	3	31	47	6046.80	1188	47	
Jun 2005	206	32	151	3	43	112	6046.12	1181	112	
Jul 2005	68	9	74	3	48	20	6046.27	1182	20	
Aug 2005	36	3	62	3	43	34	6044.66	1164	34	
Sep 2005	32	1	53	2	19	20	6045.71	1176	20	
WY 2005	889	92	798	19	226	347			347	
Oct 2005	41	1	39	1	12	22	6046.09	1180	22	
Nov 2005	32	0	24	1	1	16	6046.68	1187	16	
Dec 2005	23	0	18	0	0	15	6046.92	1190	15	
Jan 2006	20	0	15	0	0	16	6046.83	1189	16	
Feb 2006	27	0	22	1	0	17	6047.24	1194	17	
Mar 2006	81	1	74	1	5	20	6051.33	1241	20	
Apr 2006	156	14	131	2	24	34	6057.20	1313	34	
May 2006	254	31	209	3	31	85	6064.25	1403	85	
Jun 2006	235	32	177	4	43	147	6063.00	1386	147	
Jul 2006	77	9	84	4	48	24	6063.57	1394	24	

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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
* Aug 2003	144	299	50	902	0	902	3604.21	18947	12156	927
H Sep 2003	445	482	47	473	0	473	3603.73	18956	12110	485
WY 2003	6205	6120	368	8227	0	8227				8390
I Oct 2003	292	364	27	490	0	490	3601.93	18978	11935	495
S Nov 2003	337	348	23	475	0	475	3600.48	18968	11796	485
T Dec 2003	289	305	20	602	0	602	3597.22	18960	11487	610
O Jan 2004	288	305	13	789	0	789	3591.80	18966	10984	802
R Feb 2004	244	253	14	743	0	743	3586.84	18910	10537	759
I Mar 2004	539	417	11	805	0	805	3582.78	18867	10180	815
C Apr 2004	816	609	18	649	1	648	3582.93	18797	10193	653
A May 2004	1181	972	24	596	0	596	3587.17	18776	10566	601
L Jun 2004	1096	835	35	802	0	802	3586.16	18832	10476	809
* Jul 2004	545	468	36	900	0	900	3579.70	18927	9914	909
Aug 2004	325	406	40	900	0	900	3573.82	18887	9419	0
Sep 2004	300	374	34	480	0	480	3572.24	18877	9289	0
WY 2004	6252	5656	295	8231	1	8230				6938
Oct 2004	375	410	31	492	0	492	3570.96	18868	9185	0
Nov 2004	429	411	25	476	0	476	3569.92	18862	9101	0
Dec 2004	343	348	21	492	0	492	3568.02	18849	8948	0
Jan 2005	320	338	16	850	0	850	3561.79	18810	8460	0
Feb 2005	333	337	14	650	0	650	3557.80	18786	8157	0
Mar 2005	524	449	17	600	0	600	3555.71	18774	8001	0
Apr 2005	778	609	20	600	0	600	3555.58	18773	7992	0
May 2005	1819	1460	27	650	0	650	3565.10	18831	8717	0
Jun 2005	2433	2035	34	800	0	800	3578.70	18920	9829	0
Jul 2005	1230	1092	40	910	0	910	3580.24	18930	9960	0
Aug 2005	484	564	41	910	0	910	3576.02	18902	9602	0
Sep 2005	375	468	34	800	0	800	3571.92	18875	9263	0
WY 2005	9443	8521	320	8230	0	8230				0
Oct 2005	493	539	31	600	0	600	3570.88	18868	9178	0
Nov 2005	489	507	25	600	0	600	3569.52	18859	9069	0
Dec 2005	391	467	21	800	0	800	3565.41	18833	8741	0
Jan 2006	365	445	15	800	0	800	3560.99	18805	8398	0
Feb 2006	379	436	14	600	0	600	3558.81	18792	8233	0
Mar 2006	597	589	18	600	0	600	3558.47	18790	8207	0
Apr 2006	887	769	20	600	0	600	3560.29	18801	8345	0
May 2006	2073	1705	28	600	0	600	3572.88	18881	9342	0
Jun 2006	2772	2322	36	650	0	650	3590.40	19002	10857	0
Jul 2006	1401	1204	43	850	0	850	3593.55	19025	11145	0

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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
* Aug 2003	902	118	91	744	12.1	31	743	1023	1143.27	15741
H Sep 2003	473	81	75	584	9.8	26	581	1015	1142.12	15618
WY 2003	8227	656	719	9462		268	9383			
I Oct 2003	490	21	54	539	8.8	26	537	1009	1141.17	15517
S Nov 2003	475	46	54	637	10.7	20	635	997	1139.48	15337
T Dec 2003	602	46	47	623	10.1	19	621	994	1139.12	15300
O Jan 2004	789	40	38	633	10.3	15	635	1003	1140.39	15434
R Feb 2004	743	77	35	806	14.0	10	790	1001	1140.11	15404
I Mar 2004	805	40	39	946	15.4	19	942	992	1138.70	15255
C Apr 2004	648	55	48	1049	17.6	21	1033	966	1134.98	14866
A May 2004	596	43	54	1124	18.3	37	1121	931	1129.70	14324
L Jun 2004	802	-8	65	995	16.7	32	994	913	1126.93	14044
* Jul 2004	900	34	80	952	15.5	30	952	905	1125.73	13924
Aug 2004	900	96	85	736	12.0	32	736	914	1127.07	14058
Sep 2004	480	104	70	570	9.6	30	570	908	1126.26	13977
WY 2004	8230	594	669	9610		291	9566			
Oct 2004	492	43	51	310	5.0	30	310	917	1127.61	14112
Nov 2004	476	39	51	651	10.9	21	651	905	1125.66	13916
Dec 2004	492	52	44	630	10.2	16	630	896	1124.28	13779
Jan 2005	850	65	36	691	11.2	12	691	906	1125.94	13945
Feb 2005	650	67	33	720	13.0	11	720	904	1125.50	13900
Mar 2005	600	59	37	974	15.8	19	974	881	1121.98	13553
Apr 2005	600	14	45	1116	18.8	24	1116	846	1116.44	13016
May 2005	650	29	50	1030	16.8	30	1030	820	1112.19	12611
Jun 2005	800	17	60	894	15.0	30	894	810	1110.52	12454
Jul 2005	910	49	75	871	14.2	30	871	808	1110.34	12438
Aug 2005	910	96	80	800	13.0	30	800	814	1111.31	12528
Sep 2005	800	104	66	590	9.9	28	590	828	1113.49	12734
WY 2005	8230	634	628	9277		281	9279			
Oct 2005	600	43	48	427	6.9	28	427	836	1114.87	12865
Nov 2005	600	39	49	633	10.6	20	633	832	1114.25	12807
Dec 2005	800	52	42	612	10.0	15	612	844	1116.05	12978
Jan 2006	800	65	35	690	11.2	12	690	851	1117.31	13099
Feb 2006	600	67	32	689	12.4	11	689	847	1116.67	13038
Mar 2006	600	59	35	989	16.1	19	989	824	1112.89	12678
Apr 2006	600	14	43	1124	18.9	24	1124	789	1107.10	12136
May 2006	600	29	48	1032	16.8	30	1032	759	1102.15	11684
Jun 2006	650	17	57	900	15.1	30	900	740	1098.80	11383
Jul 2006	850	49	71	873	14.2	30	873	735	1098.00	11313

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Bureau of Reclamation - CRFS 8/2004 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
* Aug 2003	744	-23	723	0	723	11.8	644.48	1739
H Sep 2003	584	-20	660	0	660	11.1	640.95	1643
WY 2003	9462	-256	9135	0	9135			
I Oct 2003	539	-7	706	0	706	11.5	634.31	1468
S Nov 2003	637	-11	568	0	568	9.5	636.53	1526
T Dec 2003	623	-18	540	0	540	8.8	638.98	1590
O Jan 2004	633	-20	580	0	580	9.4	640.22	1623
R Feb 2004	806	-17	695	0	695	12.1	643.62	1716
I Mar 2004	946	-25	958	0	958	15.6	642.21	1677
C Apr 2004	1049	-13	1033	0	1033	17.4	642.33	1680
A May 2004	1124	-44	1032	0	1032	16.8	644.09	1729
L Jun 2004	995	-24	1003	0	1003	16.8	642.91	1696
* Jul 2004	952	-24	918	0	918	14.9	643.29	1707
Aug 2004	736	-24	747	0	747	12.1	641.98	1671
Sep 2004	570	-19	658	0	658	11.1	638.00	1564
WY 2004	9610	-246	9438	0	9438			
Oct 2004	310	-4	499	0	499	8.1	630.49	1371
Nov 2004	651	-10	552	0	552	9.3	634.00	1460
Dec 2004	630	-22	485	0	485	7.9	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	9277	-269	9003	0	9003			
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

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Bureau of Reclamation - CRFS 8/2004 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
* Aug 2003	723	-4	607	9.9	63	48	448.81	596	100	1.6
H Sep 2003	660	-9	572	9.6	57	54	447.05	562	93	1.6
WY 2003	9135	19	6840		764	1492			1571	
I Oct 2003	706	-9	509	8.3	60	125	447.20	565	73	1.2
S Nov 2003	568	6	336	5.7	67	175	446.96	560	100	1.7
T Dec 2003	540	9	347	5.6	75	171	444.52	516	121	2.0
O Jan 2004	580	-4	333	5.4	60	188	444.21	511	129	2.1
R Feb 2004	695	1	418	7.3	58	175	446.75	557	169	2.9
I Mar 2004	958	-12	724	11.8	57	186	445.64	536	202	3.3
C Apr 2004	1033	-7	751	12.6	71	181	446.84	558	212	3.6
A May 2004	1032	-16	734	11.9	68	188	448.14	583	112	1.8
L Jun 2004	1003	-24	739	12.4	69	165	448.39	587	109	1.8
* Jul 2004	918	-23	731	11.9	52	104	448.77	595	119	1.9
Aug 2004	747	-2	681	11.1	43	45	447.50	570	98	1.6
Sep 2004	658	-6	559	9.4	32	73	446.80	557	89	1.5
WY 2004	9438	-87	6862		712	1776			1533	
Oct 2004	499	-4	487	7.9	11	5	446.31	548	74	1.2
Nov 2004	552	3	380	6.4	35	145	445.99	543	99	1.7
Dec 2004	485	12	325	5.3	35	141	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	9003	-21	6941		479	1556			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

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 8/2004 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
* Aug 2003	744	12.1	1143.27	15741	144	0.00	1840.0	313.4	100	421.2
H Sep 2003	584	9.8	1142.12	15618	-124	0.00	1840.0	242.1	100	414.5
WY 2003	9463							4112.9		
I Oct 2003	539	8.8	1141.17	15517	-101	0.00	1490.0	225.4	81	418.5
S Nov 2003	637	10.7	1139.48	15337	-178	0.00	1233.0	272.5	67	427.7
T Dec 2003	623	10.1	1139.12	15300	-38	0.00	1141.0	266.0	62	426.8
O Jan 2004	633	10.3	1140.39	15434	134	0.00	1141.0	270.3	62	426.9
R Feb 2004	806	14.0	1140.11	15404	-29	0.00	1251.0	349.0	68	433.3
I Mar 2004	946	15.4	1138.70	15255	-149	0.00	1270.0	391.6	69	414.1
C Apr 2004	1049	17.6	1134.98	14866	-389	0.00	1194.0	450.9	69	429.9
A May 2004	1124	18.3	1129.70	14324	-542	0.00	1767.0	474.0	100	421.6
L Jun 2004	995	16.7	1126.93	14044	-280	0.00	1731.0	410.2	100	412.2
* Jul 2004	952	15.5	1125.73	13924	-120	0.00	1731.0	388.3	100	407.6
Aug 2004	736	12.0	1127.07	14058	134	472.83	1731.0	307.7	100	418.0
Sep 2004	570	9.6	1126.26	13977	-81	474.82	1731.0	235.5	100	412.9
WY 2004	9610							4041.3		
Oct 2004	310	5.0	1127.61	14112	135	478.04	1627.1	119.0	94	384.1
Nov 2004	651	10.9	1125.66	13916	-195	482.30	1298.2	276.0	75	423.9
Dec 2004	630	10.2	1124.28	13779	-137	478.94	1194.4	268.0	69	425.4
Jan 2005	691	11.2	1125.94	13945	165	476.53	1194.4	292.7	69	423.3
Feb 2005	720	13.0	1125.50	13900	-44	475.73	1194.4	310.8	69	431.4
Mar 2005	974	15.8	1121.98	13553	-348	473.36	1194.4	422.3	69	433.7
Apr 2005	1116	18.8	1116.44	13016	-536	468.85	1194.4	485.9	69	435.2
May 2005	1030	16.8	1112.19	12611	-405	462.65	1402.1	430.0	81	417.5
Jun 2005	894	15.0	1110.52	12454	-157	457.95	1731.0	366.2	100	409.6
Jul 2005	871	14.2	1110.34	12438	-16	457.53	1731.0	361.7	100	415.1
Aug 2005	800	13.0	1111.31	12528	90	458.09	1731.0	329.2	100	411.4
Sep 2005	590	9.9	1113.49	12734	206	460.79	1731.0	239.2	100	405.1
WY 2005	9279							3900.9		
Oct 2005	427	6.9	1114.87	12865	131	467.43	1298.2	172.9	75	404.9
Nov 2005	633	10.6	1114.25	12807	-59	470.27	1298.2	261.6	75	413.4
Dec 2005	612	10.0	1116.05	12978	171	469.16	1194.4	255.1	69	416.5
Jan 2006	690	11.2	1117.31	13099	121	468.13	1194.4	287.7	69	416.9
Feb 2006	689	12.4	1116.67	13038	-61	467.43	1194.4	291.3	69	422.5
Mar 2006	989	16.1	1112.89	12678	-360	464.97	1194.4	417.0	69	421.8
Apr 2006	1124	18.9	1107.10	12136	-542	456.41	1731.0	465.5	100	414.2
May 2006	1032	16.8	1102.15	11684	-452	450.94	1731.0	415.5	100	402.7
Jun 2006	900	15.1	1098.80	11383	-301	447.15	1731.0	361.0	100	401.2
Jul 2006	873	14.2	1098.00	11313	-70	445.58	1731.0	353.9	100	405.3

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

Bureau of Reclamation - CRFS 8/2004 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
* Aug 2003	723	11.8	644.48	1739	-3	0.00	255.0	91.6	100	126.7
H Sep 2003	660	11.1	640.95	1643	-96	0.00	204.0	82.2	80	124.6
WY 2003	9134							1143.3		
I Oct 2003	706	11.5	634.31	1468	-175	0.00	204.0	84.7	80	120.0
S Nov 2003	568	9.5	636.53	1526	58	0.00	196.0	67.9	77	119.5
T Dec 2003	540	8.8	638.98	1590	65	0.00	173.0	65.3	68	120.9
O Jan 2004	580	9.4	640.22	1623	33	0.00	163.0	72.2	64	124.6
R Feb 2004	695	12.1	643.62	1716	92	0.00	189.0	86.8	74	124.8
I Mar 2004	958	15.6	642.21	1677	-38	0.00	209.0	121.6	82	126.9
C Apr 2004	1033	17.4	642.33	1680	3	0.00	255.0	128.5	100	124.4
A May 2004	1032	16.8	644.09	1729	48	0.00	255.0	130.0	100	126.0
L Jun 2004	1003	16.8	642.91	1696	-32	0.00	255.0	119.7	100	119.4
* Jul 2004	918	14.9	643.29	1707	10	0.00	255.0	114.1	100	124.3
Aug 2004	747	12.1	641.98	1671	-36	135.66	255.0	94.0	100	125.9
Sep 2004	658	11.1	638.00	1564	-107	132.88	255.0	81.5	100	123.9
WY 2004	9437							1166.2		
Oct 2004	499	8.1	630.49	1371	-193	128.32	204.0	59.7	80	119.8
Nov 2004	552	9.3	634.00	1460	89	126.46	196.3	64.9	77	117.6
Dec 2004	485	7.9	638.71	1583	123	131.54	173.4	59.1	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	9004							1115.2		
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

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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
* Aug 2003	607	9.9	448.81	596	-0	0.00	120.0	41.6	100	68.5
H Sep 2003	572	9.6	447.05	562	-33	0.00	113.0	39.9	94	69.8
WY 2003	6841							465.3		
I Oct 2003	509	8.3	447.20	565	3	0.00	92.0	34.6	77	68.0
S Nov 2003	336	5.7	446.96	560	-5	0.00	94.0	22.9	78	68.0
T Dec 2003	347	5.6	444.52	516	-44	0.00	103.0	23.1	86	66.5
O Jan 2004	333	5.4	444.21	511	-6	0.00	120.0	21.6	100	64.9
R Feb 2004	418	7.3	446.75	557	46	0.00	120.0	28.0	100	66.9
I Mar 2004	724	11.8	445.64	536	-20	0.00	120.0	48.7	100	67.3
C Apr 2004	751	12.6	446.84	558	22	0.00	120.0	50.2	100	66.9
A May 2004	734	11.9	448.14	583	24	0.00	120.0	50.3	100	68.5
L Jun 2004	739	12.4	448.39	587	5	0.00	120.0	49.5	100	67.0
* Jul 2004	731	11.9	448.77	595	7	0.00	120.0	49.4	100	67.6
Aug 2004	681	11.1	447.50	570	-24	75.50	120.0	45.0	100	66.0
Sep 2004	559	9.4	446.80	557	-13	74.55	120.0	36.3	100	64.9
WY 2004	6864							459.7		
Oct 2004	487	7.9	446.31	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	6941							456.8		
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	73.33	120.0	29.7	100	63.8
Mar 2006	667	10.8	446.70	555	13	73.77	120.0	43.1	100	64.6
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

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Upper Basin Power

	Glen Canyon	Flam Gorge	Blue Mesa	Morrow Point	Crystal Res	Font Res
	MWHR	MWHR	MWHR	MWHR	MWHR	MWHR
* Aug 2003	382	17	26	36	23	3
H Sep 2003	201	32	17	23	22	3
Summer 2003	583	50	43	58	46	7
I Oct 2003	206	17	13	18	8	2
S Nov 2003	198	17	4	6	0	3
T Dec 2003	251	22	4	5	1	3
O Jan 2004	325	17	4	6	0	3
R Feb 2004	304	16	5	5	0	3
I Mar 2004	312	18	3	6	0	3
Winter 2004	1596	106	32	46	8	17
C Apr 2004	263	17	8	14	4	7
A May 2004	239	37	9	16	0	4
L Jun 2004	324	20	16	22	0	5
* Jul 2004	360	20	28	34	0	8
Aug 2004	336	20	27	33	0	8
Sep 2004	178	17	21	27	0	6
Summer 2004	1701	131	108	146	4	37
Oct 2004	182	17	13	17	10	5
Nov 2004	175	17	4	6	4	5
Dec 2004	180	17	4	5	3	5
Jan 2005	309	17	8	10	6	5
Feb 2005	233	16	8	11	6	4
Mar 2005	214	18	11	15	9	4
Winter 2005	1293	103	47	64	38	29
Apr 2005	213	17	14	21	13	4
May 2005	233	44	13	23	19	7
Jun 2005	296	64	14	23	20	9
Jul 2005	342	25	30	36	22	10
Aug 2005	341	25	33	39	22	7
Sep 2005	297	24	31	37	21	6
Summer 2005	1722	198	135	180	116	42
Oct 2005	221	25	23	28	16	6
Nov 2005	221	24	14	18	10	6
Dec 2005	292	25	22	28	15	6
Jan 2006	289	25	23	30	16	5
Feb 2006	215	22	21	27	15	4
Mar 2006	215	39	19	26	15	5
Winter 2006	1454	159	122	156	88	32
Apr 2006	215	39	19	28	17	5
May 2006	219	59	13	25	21	6
Jun 2006	246	74	14	25	21	8
Jul 2006	329	22	29	35	22	9

model_run_id = 1417

	F	L	O	D	C	O	N	T	R	C	I	T	E	R	A	
B	E	G	I	N	N	O	M	O	N	C	O	N	D	C	I	
M	E	A	D	I	N	S	A	T	H	O	N	D	I	T	O	
MEAD					UPPER					TOT	OR				BOM	MEAD

MEAD						FLAMING	BLUE		LAKE	BASIN	LAKE		FLAMING	BLUE		MAX	LAKE	LAKE		SPACE	SCHED
FC		SYS	YEAR	GORGE	MESA	NAVAJO	POWELL	TOTAL	MEAD	TOTAL	GORG	MESA	NAVAJO	ALLOW	POWELL	MEAD	TOTAL	REQD	REL		
MON	REL	CONT	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF			
REL	KAF	MAF																			

* * * * P R E D I C T E D S P A C E * * * *

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

AUG 2004 0 30.5	1087	217	704	14406	16414	13456	29870	1087	217	704	2008	14406	13456	29870	1500	736
SEP 2004 0 30.1	1076	257	729	14901	16963	13322	30286	1076	257	729	2062	14901	13322	30286	2270	570
OCT 2004 0 29.9	1094	296	725	15031	17147	13403	30550	1094	296	725	2116	15031	13403	30550	3040	310
NOV 2004 0 29.7	1109	313	731	15135	17289	13268	30557	1109	313	731	2153	15135	13268	30557	3810	651
DEC 2004 0 29.5	1116	303	727	15219	17366	13464	30830	1116	303	727	2147	15219	13464	30830	4580	630
JAN 2005 0 29.2	1136	297	728	15372	17533	13601	31133	1136	297	728	2161	15372	13601	31133	5350	691
JAN 2005 0 29.2	1136	297	728	15372	17533	13601	31133	543	297	377	1217	15372	13601	30189	5350	691
FEB 2005 0 28.9	1152	303	731	15860	18046	13435	31482	556	303	379	1238	15860	13435	30534	1500	720
MAR 2005 0 28.5	1159	313	726	16163	18361	13480	31840	560	313	374	1247	16163	13480	30889	1500	974
APR 2005 0 28.1	1129	323	682	16319	18453	13827	32281	524	323	325	1172	16319	13827	31318	1500	1116
MAY 2005 0 28.8	1062	316	610	16328	18316	14364	32680	448	316	227	991	16328	14364	31683	1500	1030
JUN 2005 0 30.1	958	200	508	15603	17269	14769	32038	332	195	92	619	15603	14769	30991	1500	894
JUL 2005 0 30.3	780	37	515	14491	15823	14926	30749	137	11	53	201	14491	14926	29618	1500	871
AUG 2005 0 29.9	661	27	514	14360	15561	14942	30503	661	27	514	1201	14360	14942	30503	1500	800
SEP 2005 0 29.6	656	71	532	14718	15977	14852	30828	656	71	532	1259	14718	14852	30828	2270	590
OCT 2005 0 29.4	681	133	520	15057	16391	14646	31036	681	133	520	1334	15057	14646	31036	3040	427
NOV 2005 0 29.3	696	174	516	15142	16527	14515	31042	696	174	516	1385	15142	14515	31042	3810	633
DEC 2005 0 29.2	714	194	509	15251	16669	14573	31242	714	194	509	1417	15251	14573	31242	4580	612
JAN 2006 0 28.9	749	248	506	15579	17082	14402	31484	749	248	506	1503	15579	14402	31484	5350	690
JAN 2006 0 28.9	749	248	506	15579	17082	14402	31484	484	248	369	1101	15579	14402	31082	5350	690
FEB 2006	778	307	507	15922	17514	14281	31795	511	307	369	1187	15922	14281	31390	1500	689

