

Date: December 9, 2004

From: Water Resource Group, Salt Lake City

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

Current Status

	November inflow(unreg) (Acre-Feet)	Percent of normal	Midnight December 08 Elevation	Reservoir Storage (Acre-Feet)
Fontenelle	49,000	114	6493.97	255,000
Flaming Gorge	64,000	114	6012.39	2,719,000
Blue Mesa	26,000	82	7477.69	489,000
Powell	558,000	103	3570.47	8,822,000
Navajo	46,000	131	6024.61	979,000

Expected Operation

FONTENELLE - During the month of November, inflows to Fontenelle Reservoir were 49,000 acre-feet (114% of normal). This is the 2nd above normal inflow month in a row. Inflows over the past 2 months were more than expected and the reservoir elevation was relatively steady until releases were increased in mid November. Releases are now 1200 cfs and will likely remain at this level until late March of 2005. The 3 month forecast (December through February) is now 107% of normal (100,000 acre-feet). By April 1st, 2005 the elevation of Fontenelle Reservoir is now projected to be about 6470.4 feet above sea level based on the recent changes to the forecast.

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 October, unregulated inflows reached 105% of normal (68,000 acre-feet). This is the first month where the unregulated inflow was above normal since March of 2001. As a result, forecasts for the 3 month period beginning November 1st were increased significantly. Last month, the 3 month forecast (October through December) was 65% of normal. This month, the 3 month forecast (November through January) is 93% of normal. The effect of this change in the forecast increases the projected elevation of Flaming Gorge by about 1.4 feet over last months projected elevation for April 1st, 2005. At this time no changes have been made to the projected releases but this may be considered if conditions continue to become wetter in the coming months. Releases are currently 800 cfs and are projected to remain at this level until May of 2005.

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 – November unregulated inflow into Blue Mesa Reservoir was 26,000 acre-feet or 82 percent of average. Hydrologic conditions remain dry, but seem to be slowly improving. Drought is still the controlling factor for water management throughout the region; however, the last three months have seen above average precipitation. The recorded precipitation for these months was 170, 115, 135 percent of average for September through November respectively. Average stream flow still remains below normal and will most likely stay that way until next spring's runoff. The current inflow rate into Blue Mesa Reservoir is about 400 cfs and reservoir releases are averaging about 300 cfs. Blue Mesa's present elevation is 7477.65 feet, which corresponds to a storage content of about 489,000 acre-feet.

On December 6, 2004, the National Weather Service's River Forecast Center issued the forecasted inflow over the next 3 months for continued below normal conditions. The unregulated inflow forecast for December, January, and February is 63,000 acre-feet which is 86% of normal for these months. Based on this forecast, Blue Mesa Reservoir elevation is estimated to increase 1.7 feet to elevation 7479.3 feet or about 11,500 acre-feet by the end of February 2005.

Releases from Crystal are currently set at 350 cfs. The Gunnison Diversion Tunnel has been shut down for the winter season with the exception of some small 100 cfs diversions taken bi-weekly for municipal water needs in Montrose, Colorado. Due to the severity of the continuing drought in the Gunnison River Basin, river flows through the Black Canyon of the Gunnison have been set close to the minimum flow rate. Current flows in the river are now 350 cfs. This flow rate will most likely be kept at this level for much of this fall and winter months.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, January 20, 2005 at 1:00 PM at the Pavilion Center in Montrose, Colorado, review of last summer and fall reservoir operations, and plans for this winter and next spring 2005 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 – Reclamation decreased the release from Navajo Reservoir from 350 cubic feet per second (cfs) to 250 cfs, at 9:00 a.m. on Monday, November 1, 2004. This release will remain at 250 cfs throughout the winter, or until further notice. 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).

Based upon current hydrological conditions and historical hydrologic data, the target base flow should remain above 500 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area, therefore daily flows of less

than 500 cfs may occur at some gages. Navajo release will be increased if the downstream target base flow drops below 500 cfs.

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 800 cfs and reservoir releases are set at 250 cfs. Presently, the reservoir water surface elevation is 6027.08 feet, which corresponds to a storage content of about 980,000 acre-feet. The monthly precipitation average in the basin above Bluff for the months of September through November were 220, 85, and 125 percent of average respectively. Corresponding with these rain events the inflow to Navajo Reservoir for the month of November was 46,000 acre-feet or 131 percent of average.

A public meeting on Navajo Reservoir operations will be held on Tuesday, January 18, 2005 at 1:00 p.m. in Farmington, New Mexico. At this meeting, review of last summer and fall reservoir operations, and plans for winter and spring 2005 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 - Glen Canyon Dam - Current Status

Operations - High Flow Experiment

On Sunday November 21, 2004, releases from Glen Canyon Dam were increased for a high-flow experiment. Releases were increased to powerplant capacity (26,000 cubic feet per second [cfs]) the morning of November 21, 2004. At 7:00 a.m. on November 21, releases greater than powerplant capacity began through the river bypass tubes. Releases from the bypass tubes were increased incrementally for 21 hours until the four river bypass tubes were operating at a combined capacity of 15,000 cfs. At that time (November 22, 2004, at 4:00 a.m.), the total release from Glen Canyon Dam was approximately 41,000 cfs. The 41,000 cfs release was maintained for 60 hours. Releases were then reduced by 1,500 cfs per hour until a release of 8,000 cfs was achieved. Releases remained constant at 8,000 cfs for the remainder of November to facilitate further data collection and monitoring of the Grand Canyon by scientists from the Grand Canyon Monitoring and Research Center and other agencies.

The high-flow experiment does not alter the total volume of water released from Lake Powell in water year 2005. The 2005 Colorado River Annual Operating Plan calls for an annual release of 8.23 million acre-feet from Lake Powell in water year 2005. While the high-flow experiment lowered the level of Lake Powell by about three feet in November, monthly release volumes from Glen Canyon Dam will be adjusted downward over the course of the next 8 months such that the elevation of Lake Powell in the summer of 2005 will be the same, regardless of whether the high flow experiment had taken place.

With the exception of the weekend of December 3-5, releases from Glen Canyon Dam in December will average about 9,800 cfs with a total of 600,000 acre-feet scheduled to be released. Daily fluctuations due to load following will likely vary between a low of about 6,000 cfs (during late

evening and early morning off-peak hours) to a high of about 12,000 cfs (during late afternoon and early evening on-peak hours) on all days of the week.

Releases from Glen Canyon Dam from 2 p.m. on Friday December 3 through midnight on December 5 will be steady at 8,000 cfs. This steady release is being made to support the completion of data collection in Marble Canyon and the Grand Canyon related to the November high-flow experiment.

Upper Colorado River Basin Hydrology

Water year 2005 began on October 1, 2004. The Colorado River Basin has now completed 5 consecutive years of drought. In the summer of 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 water years. Total unregulated inflow to Lake Powell in water year 2004 was only 51 percent of average. Unregulated inflow in water years 2000, 2001, 2002, and 2003 was 62, 59, 25, and 51 percent of average, respectively. Inflow in water year 2002 was the lowest ever observed since the completion of Glen Canyon Dam in 1963.

A favorable trend emerged in September and has continued through November 2004 in the Colorado River Basin. Precipitation in these months was significantly above average. Basinwide precipitation in September was 165 percent of average, October precipitation was 155 percent of average, and November precipitation was 135 percent of average. As of December 9, 2004, basinwide snowpack in the Colorado River Basin is currently 121 percent of average.

Unregulated inflow to Lake Powell in November was 558,000 acre-feet, or 102 percent of average. This is the first month with above average inflow to Lake Powell since September 1999. Inflow, as a percentage of average, has been increasing since the summer in response to the precipitation events this fall. Unregulated inflow was extremely low this past summer (only 35 and 29 percent of average in July and August, respectively), but increased to 68 percent of average in September and 92 percent of average in October.

The fall precipitation has improved soil moisture conditions in the basin. This will favor a more efficient runoff next spring with more snowmelt going to the rivers instead of into the soils as has been the case the past few years. However, drought conditions continue to prevail in the Colorado River Basin. To “break” the drought will require a pattern of above-average precipitation through the winter and into next spring. Water year 2005 is off to a good start, but it is too early to celebrate.

As of December 2, 2004, observed inflow to Lake Powell is 6,900 cfs, about 75 percent of what is normally seen in early December. Cold weather has now settled into the basin. Because of this, inflows are now gradually decreasing.

Low inflows over the past 5 years have reduced water storage in Lake Powell. As of December 1, 2004, the current elevation of Lake Powell is 3,567.1 feet (132.9 feet from full pool). Current storage is 8.9 million acre-feet (37 percent of live capacity).

Under the current inflow forecast, and in combination with scheduled releases, the water surface elevation of Lake Powell is projected to decline the remainder of the month, with current projections showing the lake reaching an elevation of about 3,564 feet on January 1, 2005 .

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			
	aug	sep	oct	nov	%Avg	dec	jan	feb	
GLDA3:Lake Powell	176	322	505	558	103%:	400/	400/	400	
GBRW4:Fontenelle	56	41	54	49	114%:	35/	35/	30	
GRNU1:Flaming Gorge	60	46	68	e64	114%:	45/	45/	50	
BMDC2:Blue Mesa	28	22	28	26	84%:	22/	22/	20	
MPSC2:Morrow Point	29	23	30	27	80%:	24/	24/	22	
CLSC2:Crystal	30	25	33	30	75%:	27/	27/	25	
TPIC2:Taylor Park	5.5	5.4	5.2	3.9	78%:	3.5/	3.3/	3.0	
VCRC2:Vallecito	9.4	23	19.2	12.9	152%:	8/	7/	6	
NVRN5:Navajo	-2.44	58	55	46	131%:	23/	21/	26	

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 12/2004 Most Prob Water Supply 08-dec-2004 14:46:01
 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
* Dec 2003	28	1	46	0	46	6485.47	199
H Jan 2004	25	1	47	0	47	6481.72	176
I Feb 2004	23	1	43	0	43	6477.84	156
S Mar 2004	58	1	46	0	46	6479.97	167
T Apr 2004	66	1	44	0	44	6483.56	187
O May 2004	67	2	59	0	59	6484.57	193
R Jun 2004	182	2	60	0	60	6501.79	313
I Jul 2004	168	3	89	54	143	6504.73	336
C Aug 2004	56	2	76	7	83	6500.95	306
A Sep 2004	41	2	24	33	57	6498.57	288
WY 2004	768	18	604	116	720		
L Oct 2004	54	1	46	13	59	6497.76	282
* Nov 2004	49	1	62	3	65	6495.55	266
Dec 2004	35	1	74	0	74	6489.69	227
Jan 2005	35	1	74	0	74	6483.57	187
Feb 2005	30	1	67	0	67	6476.74	150
Mar 2005	50	0	78	0	78	6470.59	122
Apr 2005	82	1	89	0	89	6468.72	114
May 2005	157	1	98	2	100	6480.46	169
Jun 2005	285	2	102	67	169	6497.95	284
Jul 2005	170	3	102	10	112	6505.16	339
Aug 2005	74	2	72	0	72	6505.18	339
Sep 2005	42	2	68	0	68	6501.63	311
WY 2005	1063	16	932	95	1027		
Oct 2005	47	1	70	0	70	6498.41	287
Nov 2005	39	1	68	0	68	6494.31	258
Dec 2005	30	1	71	0	71	6488.08	216
Jan 2006	28	1	71	0	71	6480.93	172
Feb 2006	26	1	63	0	63	6473.41	134
Mar 2006	47	0	79	0	79	6465.80	102
Apr 2006	84	1	89	0	89	6464.28	96
May 2006	176	1	95	45	140	6472.81	131
Jun 2006	320	2	99	109	208	6491.97	241
Jul 2006	192	2	108	37	145	6498.29	286
Aug 2006	83	2	71	0	71	6499.68	296
Sep 2006	48	2	68	0	68	6496.75	275
WY 2006	1120	15	952	191	1143		
Oct 2006	52	1	70	0	70	6494.06	256
Nov 2006	43	1	68	0	68	6490.26	230

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 12/2004 Most Prob Water Supply 08-dec-2004 14:46:01
 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
* Dec 2003	27	46	2	53	0	53	67	6008.91	2606	0	80
H Jan 2004	27	48	2	53	0	53	67	6008.73	2600	0	272
I Feb 2004	33	53	2	50	0	50	67	6008.77	2602	0	301
S Mar 2004	98	89	3	54	0	54	68	6009.71	2632	0	246
T Apr 2004	84	62	4	51	0	51	68	6009.90	2638	0	233
O May 2004	76	69	7	107	0	107	67	6008.57	2595	0	391
R Jun 2004	188	74	9	61	0	61	67	6008.69	2599	0	232
I Jul 2004	182	147	11	61	0	61	70	6010.91	2671	0	119
C Aug 2004	60	88	11	62	0	62	70	6011.37	2686	0	73
A Sep 2004	46	62	9	60	0	60	70	6011.15	2679	0	81
WY 2004	873	829	69	715	0	715					2174
L Oct 2004	68	74	6	51	0	51	71	6011.65	2695	0	103
* Nov 2004	62	75	3	48	0	48	72	6012.35	2718	0	95
Dec 2004	45	84	2	49	0	49	73	6013.32	2750	0	49
Jan 2005	45	84	2	49	0	49	74	6014.27	2782	0	49
Feb 2005	50	87	2	44	0	44	75	6015.43	2821	0	44
Mar 2005	101	129	3	49	0	49	77	6017.60	2896	0	49
Apr 2005	136	143	5	48	0	48	80	6020.12	2984	0	48
May 2005	242	185	7	123	0	123	82	6021.63	3038	0	123
Jun 2005	376	260	10	178	0	178	84	6023.56	3107	0	178
Jul 2005	207	149	13	74	0	74	86	6025.20	3167	0	74
Aug 2005	86	84	12	74	0	74	86	6025.13	3165	0	74
Sep 2005	52	78	11	71	0	71	86	6025.01	3161	0	71
WY 2005	1470	1432	76	858	0	858					957
Oct 2005	59	82	7	74	0	74	86	6025.05	3162	0	74
Nov 2005	50	79	3	71	0	71	86	6025.15	3166	0	71
Dec 2005	36	77	2	74	0	74	86	6025.19	3167	0	74
Jan 2006	41	84	2	74	0	74	87	6025.42	3176	0	74
Feb 2006	45	82	2	67	0	67	87	6025.77	3189	0	67
Mar 2006	97	129	3	109	0	109	88	6026.21	3205	0	109
Apr 2006	141	146	5	107	0	107	89	6027.10	3238	0	107
May 2006	273	237	8	162	0	162	91	6028.81	3303	0	162
Jun 2006	423	311	11	202	0	202	94	6031.27	3398	0	202
Jul 2006	233	186	14	61	0	61	98	6033.97	3505	0	61
Aug 2006	97	85	13	61	0	61	98	6034.21	3514	0	61
Sep 2006	59	79	12	72	0	72	98	6034.09	3510	0	72
WY 2006	1554	1577	82	1134	0	1134					1134
Oct 2006	65	83	8	68	0	68	98	6034.26	3517	0	68
Nov 2006	56	81	4	65	0	65	98	6034.56	3529	0	65

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 12/2004 Most Prob Water Supply
Taylor Park Reservoir

08-dec-2004 14:46:01

	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Dec 2003	4	3	9310.82	71
H Jan 2004	4	3	9311.17	72
I Feb 2004	4	3	9311.44	72
S Mar 2004	5	4	9312.62	74
T Apr 2004	8	4	9314.81	78
O May 2004	23	10	9322.01	91
R Jun 2004	23	16	9325.53	97
I Jul 2004	11	19	9321.35	89
C Aug 2004	6	18	9314.10	77
A Sep 2004	5	15	9308.05	67
WY 2004	102	102		
L Oct 2004	5	7	9307.00	65
* Nov 2004	4	3	9307.60	66
Dec 2004	4	3	9308.18	67
Jan 2005	4	3	9308.76	68
Feb 2005	3	3	9309.02	68
Mar 2005	4	4	9308.76	68
Apr 2005	7	6	9309.34	69
May 2005	22	10	9316.52	81
Jun 2005	36	17	9326.97	100
Jul 2005	18	18	9326.82	100
Aug 2005	8	18	9321.74	90
Sep 2005	6	16	9315.95	80
WY 2005	121	108		
Oct 2005	6	8	9314.72	78
Nov 2005	5	3	9315.66	79
Dec 2005	4	3	9316.29	80
Jan 2006	4	3	9316.81	81
Feb 2006	3	3	9317.04	82
Mar 2006	4	5	9316.41	81
Apr 2006	8	14	9312.63	74
May 2006	25	18	9316.52	81
Jun 2006	41	22	9326.77	100
Jul 2006	20	21	9326.26	99
Aug 2006	9	20	9320.61	88
Sep 2006	6	16	9315.19	78
WY 2006	135	136		
Oct 2006	6	8	9314.31	77
Nov 2006	5	3	9315.54	79

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 12/2004 Most Prob Water Supply 08-dec-2004 14:46:01
 Blue Mesa 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	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
* Dec 2003	22	21	0	15	0	15	7460.86	377
H Jan 2004	21	20	0	14	0	14	7461.91	383
I Feb 2004	19	19	0	12	0	12	7463.03	390
S Mar 2004	46	44	0	13	0	13	7467.75	421
T Apr 2004	68	64	1	31	0	31	7472.65	454
O May 2004	154	141	1	32	0	32	7487.46	562
R Jun 2004	134	128	1	54	0	54	7496.75	635
I Jul 2004	65	72	1	93	0	93	7494.00	613
C Aug 2004	28	41	1	93	0	93	7487.18	560
A Sep 2004	22	32	1	83	0	83	7480.20	507
WY 2004	628	629	6	503	0	503		
L Oct 2004	28	30	0	58	0	58	7476.41	480
* Nov 2004	26	25	0	11	0	11	7478.29	494
Dec 2004	22	21	0	22	0	22	7478.14	493
Jan 2005	22	21	0	17	0	17	7478.69	496
Feb 2005	20	20	0	15	0	15	7479.30	501
Mar 2005	30	30	0	27	0	27	7479.71	504
Apr 2005	62	61	1	59	0	59	7479.90	505
May 2005	174	162	1	51	0	51	7494.32	615
Jun 2005	234	215	1	43	0	43	7514.51	786
Jul 2005	107	107	2	89	0	89	7516.38	802
Aug 2005	52	62	1	102	0	102	7511.71	761
Sep 2005	30	40	1	100	0	100	7504.66	700
WY 2005	807	794	7	594	0	594		
Oct 2005	33	35	1	76	0	76	7499.68	659
Nov 2005	29	27	0	47	0	47	7497.25	639
Dec 2005	23	22	0	79	0	79	7490.03	582
Jan 2006	23	22	0	80	0	80	7482.39	524
Feb 2006	21	21	0	72	0	72	7475.24	472
Mar 2006	32	33	0	78	0	78	7468.64	427
Apr 2006	68	74	1	84	0	84	7467.09	416
May 2006	196	189	1	43	0	43	7487.48	562
Jun 2006	263	244	1	35	0	35	7512.70	769
Jul 2006	121	122	2	87	0	87	7516.45	803
Aug 2006	59	70	1	101	0	101	7512.81	770
Sep 2006	33	43	1	101	0	101	7505.94	711
WY 2006	901	902	8	883	0	883		
Oct 2006	37	38	1	88	0	88	7499.96	661
Nov 2006	32	30	0	58	0	58	7496.47	633

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 12/2004 Most Prob Water Supply 08-dec-2004 14:46:01
 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
* Dec 2003	24	15	2	16	0	15	0	15	7153.36	112
H Jan 2004	23	14	2	15	0	17	0	17	7151.70	110
I Feb 2004	22	12	2	14	0	15	0	15	7150.31	109
S Mar 2004	51	13	5	18	0	17	0	17	7151.24	110
T Apr 2004	78	31	10	40	0	40	0	40	7151.23	110
O May 2004	171	32	18	50	0	47	0	47	7154.18	112
R Jun 2004	143	54	8	62	0	62	0	62	7154.59	113
I Jul 2004	66	93	1	94	0	95	0	95	7152.76	111
C Aug 2004	29	93	1	94	0	93	0	93	7153.42	112
A Sep 2004	23	83	1	84	0	86	0	86	7151.14	110
WY 2004	683	503	54	554	0	555	0	555		
L Oct 2004	30	58	1	59	0	56	0	56	7155.42	113
* Nov 2004	27	11	1	12	0	17	0	17	7149.03	108
Dec 2004	23	22	1	23	0	19	0	19	7153.73	112
Jan 2005	23	17	1	18	0	18	0	18	7153.73	112
Feb 2005	22	15	2	17	0	17	0	17	7153.73	112
Mar 2005	33	27	3	30	0	30	0	30	7153.73	112
Apr 2005	69	59	7	66	0	66	0	66	7153.73	112
May 2005	198	51	24	75	0	75	0	75	7153.73	112
Jun 2005	252	43	18	61	0	61	0	61	7153.73	112
Jul 2005	113	89	6	95	0	95	0	95	7153.73	112
Aug 2005	54	102	2	104	0	104	0	104	7153.73	112
Sep 2005	31	100	1	101	0	101	0	101	7153.73	112
WY 2005	875	594	67	661	0	659	0	659		
Oct 2005	35	76	2	78	0	78	0	78	7153.73	112
Nov 2005	31	47	2	49	0	49	0	49	7153.73	112
Dec 2005	25	79	2	81	0	81	0	81	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	78	3	81	0	81	0	81	7153.73	112
Apr 2006	77	84	9	93	0	93	0	93	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
Sep 2006	35	101	2	103	0	103	0	103	7153.73	112
WY 2006	979	883	78	961	0	961	0	961		
Oct 2006	39	88	2	90	0	90	0	90	7153.73	112
Nov 2006	34	58	2	60	0	60	0	60	7153.73	112

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 12/2004 Most Prob Water Supply 08-dec-2004 14:46:01
 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
* Dec 2003	27	15	4	19	0	20	20	6744.53	15	1	19
H Jan 2004	27	17	4	21	0	20	20	6748.12	16	0	20
I Feb 2004	25	15	3	18	0	18	18	6748.18	16	1	19
S Mar 2004	58	17	7	25	0	24	24	6749.98	16	5	19
T Apr 2004	88	40	10	50	0	50	50	6751.44	17	33	19
O May 2004	194	47	23	70	0	70	70	6751.47	17	50	22
R Jun 2004	156	62	13	75	0	75	75	6752.33	17	55	22
I Jul 2004	68	95	2	97	0	99	99	6746.23	15	64	40
C Aug 2004	30	93	1	95	0	95	95	6744.94	15	65	35
A Sep 2004	25	86	2	88	0	86	86	6751.39	17	55	35
WY 2004	759	555	77	634	27	605	632			363	293
L Oct 2004	33	56	3	59	38	21	59	6750.20	16	23	38
* Nov 2004	30	17	3	20	0	22	22	6742.26	14	1	23
Dec 2004	27	19	4	23	22	0	22	6746.05	15	0	22
Jan 2005	27	18	4	22	22	0	22	6746.05	15	0	22
Feb 2005	25	17	3	20	20	0	20	6746.05	15	0	20
Mar 2005	39	30	6	36	36	0	36	6746.05	15	5	31
Apr 2005	84	66	15	81	81	0	81	6746.05	15	30	51
May 2005	239	75	41	116	116	0	116	6746.05	15	55	61
Jun 2005	302	61	50	111	111	0	111	6746.05	15	60	51
Jul 2005	134	95	21	116	116	0	116	6746.05	15	65	51
Aug 2005	66	104	12	116	116	0	116	6746.05	15	65	51
Sep 2005	39	101	8	109	109	0	109	6746.05	15	55	54
WY 2005	1045	659	170	829	787	43	830			359	475
Oct 2005	42	78	7	85	85	0	85	6746.05	15	30	55
Nov 2005	36	49	5	54	54	0	54	6746.05	15	0	54
Dec 2005	30	81	5	86	86	0	86	6746.05	15	0	86
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	81	7	88	88	0	88	6746.05	15	5	83
Apr 2006	94	93	17	110	110	0	110	6746.05	15	30	80
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
Sep 2006	44	103	9	112	112	0	112	6746.05	15	55	57
WY 2006	1177	961	198	1159	1159	0	1159			365	794
Oct 2006	47	90	8	98	98	0	98	6746.05	15	30	68
Nov 2006	40	60	6	66	66	0	66	6746.05	15	0	66

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 12/2004 Most Prob Water Supply
Vallecito Reservoir

08-dec-2004 14:46:01

	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Dec 2003	5	0	7631.78	48
H Jan 2004	5	0	7634.30	53
I Feb 2004	4	0	7636.34	57
S Mar 2004	16	0	7643.57	72
T Apr 2004	25	7	7651.11	90
O May 2004	73	44	7662.38	118
R Jun 2004	51	49	7663.00	120
I Jul 2004	20	42	7654.40	98
C Aug 2004	9	38	7642.16	69
A Sep 2004	23	26	7640.41	65
WY 2004	243	210		
L Oct 2004	19	8	7645.31	76
* Nov 2004	13	7	7647.85	82
Dec 2004	8	13	7645.70	77
Jan 2005	7	7	7645.70	77
Feb 2005	6	6	7645.87	77
Mar 2005	9	3	7648.23	83
Apr 2005	20	7	7653.68	96
May 2005	54	43	7657.91	107
Jun 2005	65	46	7665.41	127
Jul 2005	28	42	7660.27	113
Aug 2005	16	38	7651.53	91
Sep 2005	13	26	7646.00	78
WY 2005	258	246		
Oct 2005	13	8	7647.97	82
Nov 2005	8	10	7647.16	80
Dec 2005	5	6	7647.12	80
Jan 2006	5	5	7647.08	80
Feb 2006	5	4	7647.25	81
Mar 2006	7	3	7649.03	85
Apr 2006	19	10	7652.71	94
May 2006	60	48	7657.59	106
Jun 2006	74	49	7666.91	131
Jul 2006	32	43	7662.67	119
Aug 2006	17	37	7655.00	99
Sep 2006	14	30	7648.61	84
WY 2006	259	253		
Oct 2006	14	12	7649.45	86
Nov 2006	9	2	7652.15	92

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 12/2004 Most Prob Water Supply
Navajo Reservoir

08-dec-2004 14:46:01

	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
* Dec 2003	18	0	13	0	0	16	5996.36	710	78
H Jan 2004	17	0	13	0	0	16	5995.94	707	60
I Feb 2004	24	0	20	1	1	15	5996.45	711	33
S Mar 2004	120	12	94	1	4	16	6005.51	784	58
T Apr 2004	152	15	119	2	11	21	6015.33	869	98
O May 2004	225	30	168	3	28	22	6027.58	984	155
R Jun 2004	133	20	109	3	40	22	6031.96	1028	115
I Jul 2004	22	2	40	3	39	33	6028.39	992	48
C Aug 2004	-2	0	26	3	39	45	6022.11	932	41
A Sep 2004	58	2	61	2	19	36	6022.48	935	67
WY 2004	805	81	693	20	188	285			853
L Oct 2004	55	2	42	1	4	22	6024.04	950	54
* Nov 2004	46	1	37	1	0	15	6026.25	971	47
Dec 2004	23	0	28	0	0	16	6027.48	983	16
Jan 2005	21	0	21	0	0	15	6028.00	989	15
Feb 2005	26	0	26	1	0	16	6028.92	998	16
Mar 2005	75	1	69	1	5	19	6033.29	1042	19
Apr 2005	139	16	109	2	24	21	6039.27	1105	21
May 2005	220	22	188	3	30	51	6048.47	1208	51
Jun 2005	206	39	147	4	43	115	6047.16	1193	115
Jul 2005	67	2	79	4	48	33	6046.65	1187	33
Aug 2005	36	0	58	3	43	48	6043.43	1150	48
Sep 2005	32	0	45	2	19	31	6042.75	1143	31
WY 2005	946	83	849	22	216	402			466
Oct 2005	40	0	35	2	13	27	6042.22	1137	27
Nov 2005	32	0	34	1	1	16	6043.67	1153	16
Dec 2005	23	0	23	1	0	15	6044.32	1160	15
Jan 2006	21	0	21	1	0	15	6044.77	1165	15
Feb 2006	28	0	28	1	0	15	6045.80	1177	15
Mar 2006	80	0	76	1	5	18	6050.25	1228	18
Apr 2006	153	8	136	2	25	21	6057.55	1317	21
May 2006	248	44	192	4	32	51	6065.69	1422	51
Jun 2006	231	35	172	4	45	115	6066.22	1429	115
Jul 2006	76	3	85	5	50	27	6066.44	1432	27
Aug 2006	41	3	58	4	45	31	6064.80	1410	31
Sep 2006	36	1	50	3	20	21	6065.28	1416	21
WY 2006	1009	94	910	29	236	372			372
Oct 2006	44	0	42	2	12	21	6065.82	1424	21
Nov 2006	35	0	28	1	1	30	6065.59	1421	30

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 12/2004 Most Prob Water Supply 08-dec-2004 14:46:01
 Lake Powell

	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
* Dec 2003	289	305	20	602	0	602	3597.22	18960	11487	610
H Jan 2004	288	305	13	789	0	789	3591.80	18966	10984	802
I Feb 2004	244	253	14	743	0	743	3586.84	18910	10537	759
S Mar 2004	539	417	11	805	0	805	3582.78	18867	10180	815
T Apr 2004	817	609	18	649	2	651	3582.93	18797	10193	653
O May 2004	1181	972	24	596	1	595	3587.17	18776	10566	601
R Jun 2004	1096	835	35	802	0	802	3586.16	18832	10476	809
I Jul 2004	546	468	36	900	0	900	3579.70	18927	9914	909
C Aug 2004	176	303	39	896	0	896	3572.10	18931	9278	904
A Sep 2004	322	414	36	484	0	484	3570.77	18933	9169	487
WY 2004	6128	5593	296	8231	3	8232				8329
L Oct 2004	505	517	20	493	0	493	3570.50	18958	9148	493
* Nov 2004	558	481	17	623	93	716	3567.28	18965	8889	729
Dec 2004	400	392	21	600	0	600	3564.60	18948	8677	600
Jan 2005	400	394	15	779	0	779	3559.78	18918	8306	779
Feb 2005	400	379	14	723	0	723	3555.36	18892	7975	723
Mar 2005	597	491	17	807	0	807	3551.14	18867	7667	807
Apr 2005	838	668	19	500	0	500	3553.04	18878	7805	500
May 2005	1843	1484	27	600	0	600	3563.59	18941	8599	600
Jun 2005	2465	2067	33	800	0	800	3577.67	19033	9741	800
Jul 2005	1246	1110	40	855	0	855	3580.01	19049	9941	855
Aug 2005	490	583	41	856	0	856	3576.59	19026	9650	856
Sep 2005	380	488	35	500	0	500	3576.07	19022	9607	500
WY 2005	10122	9054	299	8136	93	8229				8242
Oct 2005	502	560	31	492	0	492	3576.47	19025	9640	492
Nov 2005	496	521	26	700	0	700	3574.19	19009	9450	700
Dec 2005	396	482	22	600	0	600	3572.62	18999	9321	600
Jan 2006	365	449	16	792	0	792	3568.53	18973	8989	792
Feb 2006	379	439	15	723	0	723	3565.04	18950	8712	723
Mar 2006	597	598	18	807	0	807	3562.33	18934	8501	807
Apr 2006	887	769	21	500	0	500	3565.29	18952	8732	500
May 2006	2074	1689	29	600	0	600	3577.34	19031	9713	600
Jun 2006	2773	2288	36	800	0	800	3592.60	19138	11057	800
Jul 2006	1402	1200	43	858	0	858	3595.59	19160	11334	858
Aug 2006	552	596	44	858	0	858	3592.53	19138	11051	858
Sep 2006	428	515	38	500	0	500	3592.30	19136	11030	500
WY 2006	10851	10106	339	8230	0	8230				8230
Oct 2006	558	601	34	600	0	600	3591.97	19133	10999	600
Nov 2006	551	582	29	600	0	600	3591.49	19130	10956	600

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 12/2004 Most Prob Water Supply
Hoover Dam - Lake Mead

08-dec-2004 14:46:01

	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
* Dec 2003	602	46	47	623	10.1	19	621	994	1139.12	15300
H Jan 2004	789	40	38	633	10.3	15	635	1003	1140.39	15434
I Feb 2004	743	77	35	806	14.0	10	790	1001	1140.11	15404
S Mar 2004	805	40	39	946	15.4	19	942	992	1138.70	15255
T Apr 2004	651	55	48	1049	17.6	21	1033	966	1134.98	14866
O May 2004	595	43	54	1124	18.3	37	1121	931	1129.70	14324
R Jun 2004	802	-8	65	995	16.7	32	994	913	1126.93	14044
I Jul 2004	900	38	80	952	15.5	34	951	905	1125.73	13924
C Aug 2004	896	82	85	763	12.4	29	763	911	1126.67	14018
A Sep 2004	484	95	70	568	9.5	27	561	906	1125.86	13937
WY 2004	8232	575	669	9635		289	9583			
L Oct 2004	493	114	51	365	5.9	24	325	916	1127.43	14094
* Nov 2004	716	144	52	502	8.4	16	500	934	1130.13	14367
Dec 2004	600	52	45	493	8.0	6	493	940	1131.13	14469
Jan 2005	779	65	37	618	10.1	12	618	951	1132.75	14635
Feb 2005	723	67	34	720	13.0	11	720	953	1132.98	14659
Mar 2005	807	59	38	974	15.8	19	974	943	1131.47	14504
Apr 2005	500	14	46	1116	18.8	24	1116	902	1125.21	13872
May 2005	600	29	52	1030	16.8	30	1030	872	1120.61	13418
Jun 2005	800	17	62	894	15.0	30	894	862	1118.96	13259
Jul 2005	855	49	77	871	14.2	30	871	857	1118.24	13189
Aug 2005	856	96	82	800	13.0	30	800	860	1118.62	13226
Sep 2005	500	104	68	597	10.0	28	597	854	1117.77	13143
WY 2005	8229	810	644	8980		260	8939			
Oct 2005	492	43	49	433	7.0	28	433	856	1118.00	13166
Nov 2005	700	39	49	636	10.7	20	636	858	1118.33	13198
Dec 2005	600	52	43	623	10.1	18	623	856	1118.02	13168
Jan 2006	792	65	35	690	11.2	12	690	863	1119.19	13281
Feb 2006	723	67	32	689	12.4	11	689	867	1119.75	13336
Mar 2006	807	59	36	989	16.1	19	989	856	1118.03	13169
Apr 2006	500	14	44	1124	18.9	24	1124	815	1111.35	12533
May 2006	600	29	49	1032	16.8	30	1032	785	1106.49	12080
Jun 2006	800	17	59	900	15.1	30	900	775	1104.73	11919
Jul 2006	858	49	73	873	14.2	30	873	771	1104.02	11854
Aug 2006	858	96	78	807	13.1	30	807	773	1104.43	11891
Sep 2006	500	104	64	591	9.9	28	591	768	1103.62	11817
WY 2006	8230	634	611	9387		280	9387			
Oct 2006	600	43	47	322	5.2	28	322	783	1106.15	12048
Nov 2006	600	39	47	663	11.1	20	663	778	1105.22	11963

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 12/2004 Most Prob Water Supply
 Davis Dam - Lake Mohave

08-dec-2004 14:46:01

	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
* Dec 2003	623	-18	540	0	540	8.8	638.98	1590
H Jan 2004	633	-20	580	0	580	9.4	640.22	1623
I Feb 2004	806	-17	695	0	695	12.1	643.62	1716
S Mar 2004	946	-25	958	0	958	15.6	642.21	1677
T Apr 2004	1049	-12	1033	0	1033	17.4	642.33	1680
O May 2004	1124	-44	1032	0	1032	16.8	644.09	1729
R Jun 2004	995	-24	1003	0	1003	16.8	642.91	1696
I Jul 2004	952	-24	918	0	918	14.9	643.29	1707
C Aug 2004	763	-26	740	0	740	12.0	643.20	1704
A Sep 2004	568	-13	653	0	653	11.0	639.54	1605
WY 2004	9635	-241	9426	0	9426			
L Oct 2004	365	3	464	0	464	7.5	635.90	1509
* Nov 2004	502	-18	480	0	480	8.1	636.02	1512
Dec 2004	493	-22	379	0	379	6.2	639.51	1604
Jan 2005	618	-17	538	0	538	8.8	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	597	-17	673	0	673	11.3	638.00	1564
WY 2005	8980	-270	8744	0	8744			
Oct 2005	433	-6	620	0	620	10.1	630.49	1371
Nov 2005	636	-13	534	0	534	9.0	634.00	1460
Dec 2005	623	-26	473	0	473	7.7	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
Sep 2006	591	-17	667	0	667	11.2	638.00	1564
WY 2006	9387	-278	9102	0	9102			
Oct 2006	322	-6	508	0	508	8.3	630.49	1371
Nov 2006	663	-13	560	0	560	9.4	634.00	1460

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 12/2004 Most Prob Water Supply
 Parker Dam - Lake Havasu

08-dec-2004 14:46:01

	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
* Dec 2003	540	9	347	5.6	75	171	444.52	516	121	2.0
H Jan 2004	580	-4	333	5.4	60	188	444.21	511	129	2.1
I Feb 2004	695	1	418	7.3	58	175	446.75	557	169	2.9
S Mar 2004	958	-12	724	11.8	57	186	445.64	536	202	3.3
T Apr 2004	1033	-6	751	12.6	71	181	446.84	558	212	3.6
O May 2004	1032	-16	734	11.9	68	188	448.14	583	112	1.8
R Jun 2004	1003	-24	739	12.4	69	165	448.39	587	109	1.8
I Jul 2004	918	-23	731	11.9	52	104	448.77	595	121	2.0
C Aug 2004	740	-17	654	10.6	43	45	447.70	574	98	1.6
A Sep 2004	653	-1	525	8.8	42	70	448.47	589	94	1.6
WY 2004	9426	-96	6801		722	1773			1540	
L Oct 2004	464	22	420	6.8	40	3	449.60	611	112	1.8
* Nov 2004	480	39	286	4.8	97	171	447.78	576	99	1.7
Dec 2004	379	12	153	2.5	75	178	447.00	561	119	1.9
Jan 2005	538	12	369	6.0	32	171	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	673	-6	559	9.4	37	84	446.81	557	90	1.5
WY 2005	8744	41	6620		590	1602			1539	
Oct 2005	620	-4	484	7.9	38	103	446.29	548	72	1.2
Nov 2005	534	3	375	6.3	44	123	446.00	543	99	1.7
Dec 2005	473	12	320	5.2	52	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
Sep 2006	667	-6	556	9.3	30	87	446.81	557	90	1.5
WY 2006	9102	-21	6906		532	1638			1499	
Oct 2006	508	-4	482	7.8	31	0	446.31	548	76	1.2
Nov 2006	560	3	373	6.3	41	155	446.00	543	99	1.7

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 12/2004 Most Prob Water Supply
Hoover Dam - Lake Mead

08-dec-2004 14:46:01

	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
* Dec 2003	623	10.1	1139.12	15300	-38	0.00	1141.0	266.0	62	426.8
H Jan 2004	633	10.3	1140.39	15434	134	0.00	1141.0	270.3	62	426.9
I Feb 2004	806	14.0	1140.11	15404	-29	0.00	1251.0	349.0	68	433.3
S Mar 2004	946	15.4	1138.70	15255	-149	0.00	1270.0	391.6	69	414.1
T Apr 2004	1049	17.6	1134.98	14866	-389	0.00	1194.0	450.9	69	429.9
O May 2004	1124	18.3	1129.70	14324	-542	0.00	1767.0	474.0	100	421.6
R Jun 2004	995	16.7	1126.93	14044	-280	0.00	1731.0	410.2	100	412.2
I Jul 2004	952	15.5	1125.73	13924	-120	0.00	1731.0	388.3	100	407.6
C Aug 2004	763	12.4	1126.67	14018	94	0.00	1731.0	305.8	100	400.6
A Sep 2004	568	9.5	1125.86	13937	-81	0.00	1731.0	221.5	100	390.1
WY 2004	9635							4025.4		
L Oct 2004	365	5.9	1127.43	14094	157	0.00	1298.0	134.7	75	369.3
* Nov 2004	502	8.4	1130.13	14367	273	0.00	1194.0	201.0	69	400.6
Dec 2004	493	8.0	1131.13	14469	102	483.56	1211.7	209.5	70	425.2
Jan 2005	618	10.1	1132.75	14635	167	482.30	1315.6	262.6	76	424.9
Feb 2005	720	13.0	1132.98	14659	23	482.07	1315.6	312.9	76	434.2
Mar 2005	974	15.8	1131.47	14504	-155	480.93	1332.9	425.1	77	436.5
Apr 2005	1116	18.8	1125.21	13872	-632	475.96	1506.0	483.8	87	433.4
May 2005	1030	16.8	1120.61	13418	-454	469.12	1731.0	429.6	100	417.1
Jun 2005	894	15.0	1118.96	13259	-159	466.34	1731.0	372.1	100	416.2
Jul 2005	871	14.2	1118.24	13189	-70	465.65	1731.0	367.3	100	421.6
Aug 2005	800	13.0	1118.62	13226	37	465.65	1731.0	333.9	100	417.3
Sep 2005	597	10.0	1117.77	13143	-83	466.55	1731.0	244.6	100	409.9
WY 2005	8980							3777.2		
Oct 2005	433	7.0	1118.00	13166	23	469.14	1609.8	175.5	93	405.0
Nov 2005	636	10.7	1118.33	13198	31	473.98	1280.9	265.2	74	416.7
Dec 2005	623	10.1	1118.02	13168	-29	471.62	1280.9	260.4	74	418.2
Jan 2006	690	11.2	1119.19	13281	113	469.50	1280.9	287.4	74	416.6
Feb 2006	689	12.4	1119.75	13336	54	469.35	1280.9	291.3	74	422.6
Mar 2006	989	16.1	1118.03	13169	-167	468.51	1280.9	417.4	74	422.2
Apr 2006	1124	18.9	1111.35	12533	-636	462.50	1506.0	475.1	87	422.8
May 2006	1032	16.8	1106.49	12080	-453	455.21	1731.0	419.1	100	406.2
Jun 2006	900	15.1	1104.73	11919	-161	452.25	1731.0	364.8	100	405.4
Jul 2006	873	14.2	1104.02	11854	-65	451.52	1731.0	358.2	100	410.3
Aug 2006	807	13.1	1104.43	11891	37	451.53	1731.0	328.2	100	406.6
Sep 2006	591	9.9	1103.62	11817	-74	452.47	1731.0	235.7	100	399.0
WY 2006	9387							3878.3		
Oct 2006	322	5.2	1106.15	12048	231	456.21	1609.8	121.2	93	376.4
Nov 2006	663	11.1	1105.22	11963	-85	461.54	1280.9	271.8	74	410.1

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 12/2004 Most Prob Water Supply
 Davis Dam - Lake Mohave

08-dec-2004 14:46:01

	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
* Dec 2003	540	8.8	638.98	1590	65	0.00	173.0	65.3	68	120.9
H Jan 2004	580	9.4	640.22	1623	33	0.00	163.0	72.2	64	124.6
I Feb 2004	695	12.1	643.62	1716	92	0.00	189.0	86.8	74	124.8
S Mar 2004	958	15.6	642.21	1677	-38	0.00	209.0	121.6	82	126.9
T Apr 2004	1033	17.4	642.33	1680	3	0.00	255.0	128.5	100	124.4
O May 2004	1032	16.8	644.09	1729	48	0.00	255.0	130.0	100	126.0
R Jun 2004	1003	16.8	642.91	1696	-32	0.00	255.0	119.7	100	119.4
I Jul 2004	918	14.9	643.29	1707	10	0.00	255.0	114.1	100	124.3
C Aug 2004	740	12.0	643.20	1704	-2	0.00	255.0	92.3	100	124.7
A Sep 2004	653	11.0	639.54	1605	-99	0.00	255.0	81.2	100	124.2
WY 2004	9425							1164.1		
L Oct 2004	464	7.5	635.90	1509	-96	0.00	204.0	56.7	80	122.3
* Nov 2004	480	8.1	636.02	1512	3	0.00	196.0	57.9	77	120.5
Dec 2004	379	6.2	639.51	1604	92	133.01	173.4	46.9	68	123.8
Jan 2005	538	8.8	641.80	1666	62	136.36	163.2	67.5	64	125.3
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	673	11.3	638.00	1564	-94	132.63	255.0	83.2	100	123.6
WY 2005	8746							1087.6		
Oct 2005	620	10.1	630.49	1371	-193	128.32	204.0	73.8	80	119.1
Nov 2005	534	9.0	634.00	1460	89	126.46	196.3	62.8	77	117.7
Dec 2005	473	7.7	638.71	1583	123	131.54	173.4	57.7	68	121.9
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
Sep 2006	667	11.2	638.00	1564	-94	132.63	255.0	0.0	100	0.0
WY 2006	9102							1042.9		
Oct 2006	508	8.3	630.49	1371	-193	128.32	204.0	0.0	80	0.0
Nov 2006	560	9.4	634.00	1460	89	126.46	196.3	-222284830366732939218237119837241344.0		

-396789810064557284289117266949177344.0

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 12/2004 Most Prob Water Supply
 Parker Dam - Lake Havasu

08-dec-2004 14:46:01

	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
* Dec 2003	347	5.6	444.52	516	-44	0.00	103.0	23.1	86	66.5
H Jan 2004	333	5.4	444.21	511	-6	0.00	120.0	21.6	100	64.9
I Feb 2004	418	7.3	446.75	557	46	0.00	120.0	28.0	100	66.9
S Mar 2004	724	11.8	445.64	536	-20	0.00	120.0	48.7	100	67.3
T Apr 2004	751	12.6	446.84	558	3	0.00	120.0	50.2	100	66.9
O May 2004	734	11.9	448.14	583	24	0.00	120.0	50.3	100	68.5
R Jun 2004	739	12.4	448.39	587	5	0.00	120.0	49.5	100	67.0
I Jul 2004	731	11.9	448.77	595	7	0.00	120.0	49.4	100	67.6
C Aug 2004	654	10.6	447.70	574	-20	0.00	120.0	44.3	100	67.7
A Sep 2004	525	8.8	448.47	589	15	0.00	120.0	35.7	100	68.0
WY 2004	6802							458.3		
L Oct 2004	420	6.8	449.60	611	22	0.00	90.0	28.8	75	68.6
* Nov 2004	286	4.8	447.78	576	-35	0.00	90.0	19.1	75	66.7
Dec 2004	153	2.5	447.00	561	-15	76.19	90.0	10.1	75	65.8
Jan 2005	369	6.0	445.80	539	-22	75.22	90.0	23.8	75	64.4
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	6620							438.6		
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
Sep 2006	556	9.3	446.81	557	-13	74.86	112.8	36.3	94	65.2
WY 2006	6905							454.1		
Oct 2006	482	7.8	446.31	548	-9	75.25	92.4	31.5	77	65.3
Nov 2006	373	6.3	446.00	543	-6	74.80	93.6	24.0	78	64.2

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 12/2004 Most Prob Water Supply
Upper Basin Power

08-dec-2004 14:46:01

	Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* Dec 2003	251	22	4	5	1	3
H Jan 2004	325	17	4	6	0	3
I Feb 2004	304	16	5	5	0	3
S Mar 2004	312	18	3	6	0	3
Winter 2004	1619	105	26	36	4	16
T Apr 2004	263	17	8	14	4	7
O May 2004	239	37	9	16	0	4
R Jun 2004	324	20	16	22	0	5
I Jul 2004	360	20	28	34	0	8
C Aug 2004	354	21	28	33	0	7
A Sep 2004	188	20	24	31	0	2
Summer 2004	1729	135	112	150	4	33
L Oct 2004	191	16	16	19	7	4
* Nov 2004	242	16	3	6	0	5
Dec 2004	218	18	6	7	4	6
Jan 2005	281	18	5	6	4	6
Feb 2005	258	16	4	6	4	5
Mar 2005	285	18	8	11	7	5
Winter 2005	1475	101	42	55	26	31
Apr 2005	176	17	17	24	15	6
May 2005	214	44	15	27	22	7
Jun 2005	295	64	13	22	21	8
Jul 2005	321	27	28	34	22	10
Aug 2005	321	27	32	37	22	7
Sep 2005	187	26	31	36	21	6
Summer 2005	1514	206	136	181	122	44
Oct 2005	184	27	23	28	16	6
Nov 2005	261	26	14	18	10	6
Dec 2005	222	27	24	29	16	6
Jan 2006	292	27	23	29	16	6
Feb 2006	264	24	21	27	15	5
Mar 2006	292	40	22	29	17	5
Winter 2006	1515	171	126	160	90	34
Apr 2006	181	39	23	34	21	5
May 2006	221	59	12	25	22	6
Jun 2006	305	74	11	20	21	8
Jul 2006	333	23	27	34	22	9
Aug 2006	333	23	32	37	22	6
Sep 2006	194	27	31	37	21	6
Summer 2006	1568	245	136	186	129	41
Oct 2006	232	25	27	32	18	6
Nov 2006	232	24	17	22	12	6

JUL 2006 0 31.7	454	60	267	13263	14044	15461	29505	172	34	58	263	13263	15461	28987	1500	873
AUG 2006 0 31.4	303	27	264	12986	13579	15526	29105	303	27	264	593	12986	15526	29105	1500	807
SEP 2006 0 31.1	283	59	286	13269	13897	15489	29385	283	59	286	628	13269	15489	29385	2270	591
OCT 2006 0 31.0	309	118	280	13290	13997	15563	29560	309	118	280	707	13290	15563	29560	3040	322
NOV 2006 0 30.9	321	169	272	13321	14083	15332	29414	321	169	272	762	13321	15332	29414	3810	663

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