

April 24-Month Study
Date: April 7, 2009

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

Current Reservoir Status

Reservoir	March Inflow (unregulated) (acre-feet)	Percent of Average (%)	Apr 6 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	46,000	88	6467.53	109,000
Flaming Gorge	60,000	56	6020.33	2,991,000
Blue Mesa	40,000	112	7484.44	539,000
Powell	468,000	71	3610.16	12,746,000
Navajo	76,000	85	6055.35	1,290,000

Expected Operations

The operation of Lake Powell and Lake Mead in this April 2009 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2009 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the Upper Elevation Balancing Tier is the operational tier for water year 2009 for Glen Canyon Dam. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2009.

The Interim Guidelines are available for download at
<http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf>.
The 2009 AOP is available for download at
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP09_final.pdf.

The April 24-Month study projects the end of water year elevation at Lake Powell to be 3637.13 feet and Lake Mead to be 1092.04 feet. Since the projected end of water year elevation at Lake Powell is below the 2009 Equalization Elevation of 3639 feet and the projected end of water year elevation at Lake Mead is above elevation 1075 feet, Sections 6.B.1. and 6.B.4. of the Interim Guidelines provide for an annual release volume of 8.23 million acre-feet from Glen Canyon Dam during water year 2009.

Fontenelle Reservoir – Inflows for the month of March were 46,000 acre-feet, or 88% of average. The reservoir elevation is 6468 feet above sea level, about 38 feet from top of pool, or 32% of capacity. The April forecast for the April to July runoff season is 715,000 acre-feet (83% of average).

Releases from Fontenelle are currently 950 cfs while inflows are averaging 800 cfs. Releases will likely be increased to approximately 1,200 cfs in late April and then again to approximately 1,700 cfs in early May when the reservoir elevation rises above 6476 ft. Current modeling projects the reservoir will fill this runoff season and it is possible that bypasses will be required to safely route the inflow to the reservoir.

The next Fontenelle Working Group meeting is scheduled for April 21, 2009 at 10:00 am at the visitor's center of the Seedskadee National Wildlife Refuge below Fontenelle dam. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. For more information about the Fontenelle Working Group, contact Ed Vidmar at 801-379-1182.

Flaming Gorge Reservoir – March observed unregulated inflow into Flaming Gorge reservoir was 62,100 acre-feet (AF), or 59 percent of average inflow. The March end of month elevation was 6020.2 feet, which equates to 2.99 million acre-feet or 79 percent of live storage capacity. The April forecast for April through July unregulated inflow volume into Flaming Gorge Reservoir decreased 35,000 AF to 810,000 AF (68 percent of average).

Flaming Gorge will release a steady flow of 800 cubic feet per second (cfs) until spring operations begin sometime in May 2009. Hydrologic conditions are similar to those reported last year at this time. Flaming Gorge Reservoir will most likely be in either the average or moderately dry hydrologic classification outlined in the Flaming Gorge Record of Decision. The Yampa River Basin is also following a similar pattern to that reported last year, with conditions currently in the average hydrologic condition but trending toward moderately wet. There is still one month of potential snow accumulation or depletion that could change conditions dramatically before spring operations occur.

The next Flaming Gorge Working Group meeting is scheduled for April 15, 2009, in Vernal, Utah. The meeting will be held at 10:00 a.m. at the Western Park Convention Center located at 302 East 200 South in Vernal, Utah. For directions, please call 435-789-7396. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Units – March unregulated inflow into Blue Mesa Reservoir was 40,000 acre-feet or 112 percent of average. On April 7, 2009 the basin snowpack was 108 percent of

average. Precipitation during March was 70 percent of average. The current inflow rate into Blue Mesa Reservoir is about 650 cfs while reservoir releases are averaging about 1,000 cfs. Currently the weather pattern has been wetter and colder than average, however spring like conditions are returning which will most likely start the annual spring snowmelt and we expect the elevation at Blue Mesa Reservoir to start increasing. Blue Mesa's present elevation is 7484.44 feet, which corresponds to a storage content of about 539,000 acre-feet.

The latest Water Supply Forecast for Water Year 2009 has been issued and the April through July unregulated inflow is forecasted to be at 690,000 acre-feet (96% of average). This is a reduction of 40,000 acre-feet from just last month's forecast. The decrease is attributed to the dry start we had in the early part of March. Based on this forecast, Blue Mesa Reservoir is projected to fill this season.

Releases from Crystal are currently set at 1200 cfs. The Gunnison Diversion Tunnel started taking water for the new season on March 19, 2009. The current diversion rate in the tunnel is 500 cfs, which results in a river flow below the diversion tunnel of approximately 700 cfs. These rates will most likely change as conditions warrant, primarily as we respond to changes in the forecasted spring inflows.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, April 23, 2009 at 9:30 PM at Reclamation's Grand Junction Office. At this meeting, review of this winter's reservoir operations, and plans for this spring and summer operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir – As a result of a drier than average March, and based on the April 1st inflow forecast, the Colorado Basin River Forecast Center is now predicting an inflow of 690,000 acre-feet into Navajo Reservoir, which is a decrease of 125,000 acre-feet from the previous March 1st forecast. Based on this lower inflow forecast, the annual Spring Peak hydrograph has been modified, it is now projected to be a 2-week, 5000 cfs release with one-week ramps on each end would occur beginning at the end of May. A release of 500 cfs is anticipated before and after the spring peak release. This base release may need to be increased later in the summer in order to meet the target base flows in the critical habitat area for the endangered fish in accordance with the Flow Recommendations. A reservoir elevation of 6065 is targeted for the end of the water year.

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

The snowpack as of April 7th for the upper San Juan River basin is averaging 94 percent, while the Animas River basin snowpack currently stands at 84 percent of average.

Precipitation during March was only 45 percent of average. Unregulated inflow into Navajo Reservoir during the month of March was 76,000 acre-feet, or 85 percent of average. Currently, the daily reservoir inflow is averaging about 900 cfs while reservoir releases are set at 500 cfs. NIIP started diversions on March 4th, which are currently set at 400 cfs. The reservoir water surface elevation is currently 6055.35 feet, which corresponds to a storage content of about 1,290,000 acre-feet

A public meeting on Navajo Reservoir operations will be held on Tuesday, April 28, 2009 at 1:00 p.m. in Farmington, New Mexico. Reservoir operations over last fall and winter will be reviewed, and plans for next spring and summer 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.

Glen Canyon Dam / Lake Powell - Snowpack conditions in the Upper Colorado River Basin rebounded late in March due to a persistent wet pattern in the region. As of April 1, 2009 the snowpack conditions above Lake Powell were 96% of average. Typically, the snowpack conditions reach their peak by about April 10th and runoff from the snowpack begins to increase during the second half of April.

The Colorado Basin River Forecast Center's April water supply forecast for Lake Powell for the April to July runoff season is 7.2 million acre-feet (91% of average). This represents a decrease of 0.6 million acre-feet from the March forecast which was 7.8 million acre-feet (98% of average). Based on this forecast, with the projected operations of the upstream reservoirs and an 8.23 million acre-foot release from Lake Powell, the April 24-month study projects the end of water year elevation of Lake Powell to be 3637.13 feet above sea level. This projected elevation is 1.87 feet below the Equalization Level for 2009 (3639 feet above sea level). For this reason the operation of Glen Canyon Dam will continue to be consistent with Section 6.B.1 of the Interim Guidelines (Upper Elevation Balancing Tier) and the April 24-Month study projects the water year 2009 release volume from Lake Powell to be 8.23 million acre-feet.

The monthly release volume for April 2009 is now scheduled to be 600,000 acre-feet. Daily average releases during April will be about 10,100 cfs. Monday through Friday releases will peak each afternoon to about 12,000 cfs with early morning releases of approximately 6,000 cfs. Weekend afternoon peak releases will also be about 12,000 cfs with morning low releases near 6,000 cfs. The release volume for May 2009 is 600,000 acre-feet which will result in an average daily release of 10,000 cfs. Afternoon peaks will likely be about 12,000 cfs and early morning releases will likely be about 6,000 cfs.

Beginning on May 21, 2009 at approximately 6:00 pm, releases from Glen Canyon Dam are scheduled to be steady at 8,000 cfs for a 5 day period so that the Grand Canyon Monitoring and Research Center (GCMRC) can conduct over-flight data gathering of the

channel of the Colorado River through Grand Canyon National Park. Releases are scheduled to continue to remain steady at 8,000 cfs until approximately 4:00 am on May 27, 2009. However, if GCMRC is able to complete the planned over flight work before this date and time, operations at Glen Canyon Dam would resume normal daily fluctuations.

Upper Colorado River Basin Hydrology

The overall precipitation rates during October and November 2008 were well below average at approximately 55% and 80% respectively. In December, however, conditions improved significantly with precipitation measuring approximately 185% of average. Unfortunately this wetter trend did not continue with precipitation in January and February measuring below average at 95% and 75% of average respectively. In early March conditions appeared to become even drier, however, by the end of March precipitation rebounded somewhat and the overall March precipitation was approximately 70% of average. The overall water year precipitation rate through April 5, 2009 is 103% of average.

The Climate Prediction Center outlook for temperature and precipitation over the next 3 months indicates that temperatures in the southwest have an increased probability of being above average while precipitation has an increased probability of being below average in the Upper Colorado River Basin.

Upper Colorado River Basin Drought

The Upper Colorado River Basin continues to experience a protracted multi-year drought. Since 1999, inflow to Lake Powell has been below average in every year except water year 2005 and 2008.

In the summer of 1999, Lake Powell was close to full with reservoir storage at 23.5 million acre-feet, or 97 percent of capacity. During the next 5 years (2000 through 2004) unregulated inflow to Lake Powell was well below average. This resulted in Lake Powell storage decreasing during this period to 8.0 million acre-feet (33 percent of capacity) which occurred on April 8, 2005. During 2005 and 2008 drought conditions eased somewhat with net gains in storage to Lake Powell. On September 30, 2008 the storage in Lake Powell was 14.5 million acre-feet (60 percent of capacity) which is still well below desired levels. Reservoir storage in the Colorado River Basin continues to be below desired levels with the overall Colorado River system storage as of April 1, 2009 of 32.2 million acre-feet which is 54 percent of capacity.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION

WATER RESOURCES GROUP

ATTENTION UC-280

125 SOUTH STATE STREET, ROOM 6107

SALT LAKE CITY, UT 84138-5571

PHONE 801-524-5571

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

:	Observed Inflow				jan	Forecast		Outlook		
	dec	jan	feb	mar	%Avg	apr	may	jun	apr-jul	%Avg
GLDA3:Lake Powell	320	329	329	468	71%:	900/	2400/	2800/	7200/:	91%
GBRW4:Fontenelle	30	33	27	46	88%:	85/	180/	295/	715/:	83%
GRNU1:Flaming Gorge	17.1	40	37	60	56%:	110/	205/	330/	810/:	68%
BMDC2:Blue Mesa	28	26	24	40	112%:	75/	225/	280/	690/:	96%
MPSC2:Morrow Point	29	28	24	42	103%:	90/	250/	300/	755/:	96%
CLSC2:Crystal	32	31	28	47	100%:	105/	280/	335/	845/:	92%
TPIC2:Taylor Park	5.7	5.2	4.1	4.5	104%:	8.5/	28/	46/	100/:	97%
VCRC2:Vallecito	4.8	5.5	5.2	9.3	115%:	18/	65/	65/	170/:	83%
NVRN5:Navajo	19.4	22	27	76	85%:	130/	265/	235/	690/:	88%
LEMC2:Lemon	0.99	0.82	0.74	1.59	108%:	4/	18.5/	17.5/	45/:	78%
MPHC2:McPhee	3.5	3.6	3.7	13.8	84%:	57/	135/	70/	280/:	88%
RBSC2:Ridgway	5.1	4.8	4.4	5.6	102%:	/	/	/	90/:	88%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 4/2009 Most Prob Water Supply
Fontenelle Reservoir

06-apr-2009 14:41:28

	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
* Apr 2008	53	1	42	0	42	6467.95	111
H May 2008	132	1	64	1	65	6481.73	177
I Jun 2008	224	2	100	0	101	6499.83	298
S Jul 2008	173	3	104	34	138	6503.99	330
T Aug 2008	47	2	91	0	91	6497.83	283
O Sep 2008	36	2	63	0	63	6493.80	254
WY 2008	838	14	712	44	756		
R Oct 2008	43	1	65	0	65	6490.51	231
I Nov 2008	41	1	48	13	61	6487.43	211
C Dec 2008	30	1	26	35	60	6482.26	180
A Jan 2009	33	1	61	0	61	6476.93	151
L Feb 2009	27	0	53	0	53	6471.15	124
* Mar 2009	46	0	59	0	59	6467.98	111
Apr 2009	85	1	60	0	60	6473.64	135
May 2009	180	1	100	0	100	6487.83	214
Jun 2009	295	2	104	104	208	6499.94	298
Jul 2009	155	3	101	10	111	6505.30	340
Aug 2009	74	2	93	0	93	6502.55	318
Sep 2009	46	2	59	8	67	6499.53	295
WY 2009	1053	15	827	169	997		
Oct 2009	49	1	69	0	69	6496.51	273
Nov 2009	41	1	67	0	67	6492.68	246
Dec 2009	32	1	69	0	69	6486.90	208
Jan 2010	30	1	69	0	69	6480.13	167
Feb 2010	27	0	63	0	63	6472.79	131
Mar 2010	51	0	69	0	69	6468.45	113
Apr 2010	89	1	83	0	83	6469.63	118
May 2010	176	1	99	5	105	6483.68	188
Jun 2010	308	2	103	93	196	6499.77	297
Jul 2010	186	3	101	37	138	6505.56	342
Aug 2010	83	2	100	5	105	6502.51	318
Sep 2010	49	2	68	0	68	6499.79	297
WY 2010	1120	15	961	141	1103		
Oct 2010	49	1	70	0	70	6496.72	275
Nov 2010	41	1	68	0	68	6492.84	247
Dec 2010	32	1	70	0	70	6487.00	209
Jan 2011	30	1	70	0	70	6480.17	168
Feb 2011	27	0	63	0	63	6472.76	131
Mar 2011	51	0	70	0	70	6468.31	112

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 4/2009 Most Prob Water Supply
 Flaming Gorge Reservoir

06-apr-2009 14:41:28

	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
* Apr 2008	83	71	5	53	0	53	85	6021.85	3045	200	231
H May 2008	177	110	7	101	0	101	85	6021.85	3045	772	793
I Jun 2008	284	161	10	177	0	177	84	6021.15	3020	723	917
S Jul 2008	188	153	12	93	0	93	86	6022.43	3066	152	306
T Aug 2008	48	92	12	92	0	92	85	6022.11	3055	29	132
O Sep 2008	40	67	10	89	0	89	84	6021.25	3024	22	126
WY 2008	1023	942	75	893	10	903					3017
R Oct 2008	45	67	7	71	0	71	83	6020.97	3014	21	119
I Nov 2008	47	66	3	65	0	65	83	6020.91	3012	0	107
C Dec 2008	17	48	2	79	0	79	82	6020.01	2980	0	116
A Jan 2009	39	67	2	80	0	80	82	6019.63	2967	0	752
L Feb 2009	37	64	2	62	0	62	82	6019.63	2967	0	104
* Mar 2009	62	75	3	52	0	52	82	6020.18	2986	0	142
Apr 2009	110	85	5	48	0	48	84	6021.07	3017	0	48
May 2009	205	125	7	94	0	94	84	6021.70	3040	0	94
Jun 2009	330	243	10	181	0	181	87	6023.09	3090	0	181
Jul 2009	165	121	13	80	0	80	88	6023.83	3117	0	80
Aug 2009	81	100	12	80	0	80	88	6024.03	3125	0	80
Sep 2009	54	75	11	77	0	77	87	6023.69	3112	0	77
WY 2009	1192	1136	76	968	0	968					1900
Oct 2009	59	80	7	80	0	80	87	6023.51	3106	0	80
Nov 2009	51	78	3	77	0	77	87	6023.43	3103	0	77
Dec 2009	37	74	2	80	0	80	87	6023.24	3096	0	80
Jan 2010	41	81	2	80	0	80	87	6023.21	3095	0	80
Feb 2010	45	81	2	72	0	72	87	6023.39	3101	0	72
Mar 2010	103	122	3	80	0	80	88	6024.41	3138	0	80
Apr 2010	142	137	5	77	0	77	91	6025.82	3191	0	77
May 2010	263	192	8	140	0	140	92	6026.95	3233	0	140
Jun 2010	400	288	10	177	0	177	96	6029.51	3330	0	177
Jul 2010	219	172	14	113	0	113	98	6030.64	3374	0	113
Aug 2010	97	118	13	113	0	113	98	6030.45	3367	0	113
Sep 2010	58	77	11	109	0	109	96	6029.38	3325	0	109
WY 2010	1516	1499	79	1198	0	1198					1198
Oct 2010	59	81	7	113	0	113	94	6028.39	3287	0	113
Nov 2010	51	78	3	109	0	109	93	6027.51	3254	0	109
Dec 2010	37	75	2	113	0	113	92	6026.49	3216	0	113
Jan 2011	41	81	2	113	0	113	90	6025.63	3183	0	113
Feb 2011	45	81	2	102	0	102	89	6025.04	3162	0	102
Mar 2011	103	122	3	113	0	113	90	6025.20	3168	0	113

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 4/2009 Most Prob Water Supply
Taylor Park Reservoir

06-apr-2009 14:41:28

	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Apr 2008	7	19	9305.56	63
H May 2008	36	27	9310.30	70
I Jun 2008	65	40	9324.75	96
S Jul 2008	29	34	9322.03	91
T Aug 2008	12	23	9315.69	79
O Sep 2008	8	15	9311.36	72
WY 2008	186	190		
R Oct 2008	7	7	9311.31	72
I Nov 2008	5	5	9311.19	72
C Dec 2008	5	5	9311.34	72
A Jan 2009	5	5	9311.21	72
L Feb 2009	4	5	9310.95	71
* Mar 2009	4	5	9310.68	71
Apr 2009	9	10	9309.76	70
May 2009	29	20	9315.13	78
Jun 2009	44	22	9327.23	101
Jul 2009	18	24	9324.31	95
Aug 2009	9	18	9319.66	86
Sep 2009	7	14	9315.53	79
WY 2009	146	139		
Oct 2009	6	8	9314.41	77
Nov 2009	5	6	9313.75	76
Dec 2009	4	6	9312.80	74
Jan 2010	4	6	9311.69	73
Feb 2010	4	6	9310.28	70
Mar 2010	4	6	9309.17	69
Apr 2010	8	8	9309.38	69
May 2010	27	18	9314.98	78
Jun 2010	43	20	9327.40	101
Jul 2010	20	22	9326.59	99
Aug 2010	10	22	9320.27	87
Sep 2010	7	15	9315.74	79
WY 2010	143	143		
Oct 2010	6	10	9313.43	75
Nov 2010	5	6	9312.75	74
Dec 2010	4	6	9311.80	73
Jan 2011	4	6	9310.67	71
Feb 2011	4	6	9309.24	69
Mar 2011	4	6	9308.11	67

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 4/2009 Most Prob Water Supply
Blue Mesa Reservoir

06-apr-2009 14:41:28

	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
* Apr 2008	107	119	1	147	0	147	7466.24	411
H May 2008	318	312	1	199	50	250	7475.27	472
I Jun 2008	409	383	1	143	20	163	7503.56	691
S Jul 2008	172	176	1	103	0	103	7511.87	762
T Aug 2008	70	82	1	119	0	119	7507.44	724
O Sep 2008	35	42	1	115	0	115	7498.61	650
WY 2008	1324	1329	8	1287	70	1358		
R Oct 2008	33	33	1	85	0	85	7492.14	598
I Nov 2008	27	28	0	33	0	33	7491.42	592
C Dec 2008	28	27	0	36	0	36	7490.25	583
A Jan 2009	26	27	0	39	0	39	7488.62	571
L Feb 2009	24	24	0	42	0	42	7486.19	552
* Mar 2009	40	40	0	49	0	49	7484.97	543
Apr 2009	75	76	1	99	0	99	7481.85	520
May 2009	225	216	1	115	0	115	7494.87	620
Jun 2009	280	258	1	74	0	74	7516.35	802
Jul 2009	110	116	2	114	0	114	7516.40	803
Aug 2009	58	67	1	121	0	121	7510.13	747
Sep 2009	35	42	1	111	0	111	7501.94	677
WY 2009	961	954	9	918	0	918		
Oct 2009	35	37	1	80	0	80	7496.62	634
Nov 2009	31	32	0	50	0	50	7494.31	615
Dec 2009	25	27	0	60	0	60	7490.00	581
Jan 2010	24	26	0	73	0	73	7483.80	534
Feb 2010	22	24	0	62	0	62	7478.55	495
Mar 2010	34	36	0	63	0	63	7474.74	468
Apr 2010	73	73	1	64	0	64	7475.92	477
May 2010	212	203	1	69	0	69	7493.59	610
Jun 2010	271	248	1	69	0	69	7514.77	788
Jul 2010	121	122	2	106	0	106	7516.40	803
Aug 2010	62	74	1	122	0	122	7510.78	753
Sep 2010	36	44	1	113	0	113	7502.61	683
WY 2010	946	945	9	931	0	931		
Oct 2010	35	39	1	78	0	78	7497.80	643
Nov 2010	31	32	0	48	0	48	7495.75	627
Dec 2010	25	27	0	72	0	72	7490.00	581
Jan 2011	24	26	0	73	0	73	7483.80	534
Feb 2011	22	24	0	62	0	62	7478.55	495
Mar 2011	34	36	0	63	0	63	7474.75	468

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 4/2009 Most Prob Water Supply
Morrow Point Reservoir

06-apr-2009 14:41:28

	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
* Apr 2008	109	147	1	148	0	153	0	153	7149.81	109
H May 2008	343	250	25	275	0	255	24	278	7144.87	105
I Jun 2008	432	163	23	186	0	177	4	180	7152.31	111
S Jul 2008	178	103	6	109	0	108	0	108	7152.94	111
T Aug 2008	71	119	0	120	0	117	0	117	7156.16	114
O Sep 2008	35	115	0	115	0	115	0	115	7155.78	114
WY 2008	1358	1358	35	1413	1	1365	27	1392		
R Oct 2008	33	85	0	85	0	86	0	86	7153.95	112
I Nov 2008	29	33	2	35	0	35	0	35	7153.60	112
C Dec 2008	29	36	2	38	0	39	0	39	7152.11	111
A Jan 2009	28	39	1	40	0	43	0	43	7148.12	108
L Feb 2009	24	42	1	43	0	45	0	45	7145.98	106
* Mar 2009	42	49	2	51	0	43	6	49	7147.72	107
Apr 2009	86	99	11	110	0	105	0	105	7153.73	112
May 2009	252	115	27	142	0	142	0	142	7153.73	112
Jun 2009	302	74	22	96	0	96	0	96	7153.73	112
Jul 2009	115	114	5	119	0	119	0	119	7153.73	112
Aug 2009	61	121	3	124	0	124	0	124	7153.73	112
Sep 2009	38	111	3	114	0	114	0	114	7153.73	112
WY 2009	1038	918	78	996	0	991	6	997		
Oct 2009	38	80	3	83	0	83	0	83	7153.73	112
Nov 2009	33	50	2	52	0	52	0	52	7153.73	112
Dec 2009	27	60	2	63	0	63	0	63	7153.73	112
Jan 2010	26	73	2	75	0	75	0	75	7153.73	112
Feb 2010	25	62	3	65	0	65	0	65	7153.73	112
Mar 2010	38	63	4	67	0	67	0	67	7153.73	112
Apr 2010	84	64	11	75	0	75	0	75	7153.73	112
May 2010	237	69	25	94	0	94	0	94	7153.73	112
Jun 2010	292	69	21	90	0	90	0	90	7153.73	112
Jul 2010	127	106	7	113	0	113	0	113	7153.73	112
Aug 2010	65	122	4	126	0	126	0	126	7153.73	112
Sep 2010	39	113	3	116	0	116	0	116	7153.73	112
WY 2010	1032	931	86	1017	0	1017	0	1017		
Oct 2010	38	78	3	81	0	81	0	81	7153.73	112
Nov 2010	33	48	2	50	0	50	0	50	7153.73	112
Dec 2010	27	72	2	74	0	74	0	74	7153.73	112
Jan 2011	26	73	2	75	0	75	0	75	7153.73	112
Feb 2011	25	62	3	65	0	65	0	65	7153.73	112
Mar 2011	38	63	4	67	0	67	0	67	7153.73	112

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 4/2009 Most Prob Water Supply
Crystal Reservoir

06-apr-2009 14:41:28

	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
* Apr 2008	124	153	16	168	127	40	168	6751.31	16	23	150
H May 2008	388	278	45	323	130	191	321	6760.22	19	54	279
I Jun 2008	484	180	52	232	118	116	234	6753.95	17	47	201
S Jul 2008	191	108	13	121	123	0	123	6747.80	15	62	73
T Aug 2008	75	117	5	122	123	0	123	6742.41	14	66	66
O Sep 2008	38	115	3	118	118	0	118	6741.71	14	61	63
WY 2008	1520	1392	162	1554	1164	392	1555			356	1283
R Oct 2008	36	86	3	89	89	0	89	6744.34	15	55	45
I Nov 2008	33	35	4	38	39	0	39	6742.20	14	1	40
C Dec 2008	32	39	3	42	42	0	42	6742.53	14	1	43
A Jan 2009	31	43	4	47	38	9	47	6741.02	14	1	49
L Feb 2009	28	45	3	48	24	20	45	6752.05	17	1	46
* Mar 2009	47	49	5	55	55	0	55	6751.30	16	9	47
Apr 2009	105	105	19	124	124	0	124	6753.04	17	30	94
May 2009	280	142	28	170	134	36	170	6753.04	17	55	115
Jun 2009	335	96	33	129	129	0	129	6753.04	17	60	69
Jul 2009	125	119	10	129	129	0	129	6753.04	17	65	64
Aug 2009	67	124	6	130	130	0	130	6753.04	17	65	65
Sep 2009	43	114	6	119	119	0	119	6753.04	17	55	64
WY 2009	1162	997	124	1121	1052	65	1117			396	741
Oct 2009	44	83	7	89	89	0	89	6753.04	17	30	59
Nov 2009	38	52	5	57	57	0	57	6753.04	17	0	57
Dec 2009	32	63	5	67	67	0	67	6753.04	17	0	67
Jan 2010	31	75	5	80	80	0	80	6753.04	17	0	80
Feb 2010	29	65	4	69	69	0	69	6753.04	17	0	69
Mar 2010	46	67	7	74	74	0	74	6753.04	17	5	69
Apr 2010	96	75	12	87	87	0	87	6753.04	17	30	57
May 2010	272	94	35	129	129	0	129	6753.04	17	55	74
Jun 2010	330	90	38	128	128	0	128	6753.04	17	60	68
Jul 2010	144	113	17	130	130	0	130	6753.04	17	65	65
Aug 2010	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2010	45	116	6	122	122	0	122	6753.04	17	55	67
WY 2010	1183	1017	151	1168	1168	0	1168			365	803
Oct 2010	44	81	7	87	87	0	87	6753.04	17	30	57
Nov 2010	38	50	5	55	55	0	55	6753.04	17	0	55
Dec 2010	32	74	5	79	79	0	79	6753.04	17	0	79
Jan 2011	31	75	5	80	80	0	80	6753.04	17	0	80
Feb 2011	29	65	4	69	69	0	69	6753.04	17	0	69
Mar 2011	46	67	7	74	74	0	74	6753.04	17	5	69

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 4/2009 Most Prob Water Supply
Vallecito Reservoir

06-apr-2009 14:41:28

	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Apr 2008	33	29	7628.85	43
H May 2008	77	38	7647.76	82
I Jun 2008	84	43	7663.79	122
S Jul 2008	32	40	7660.68	114
T Aug 2008	15	39	7651.24	90
O Sep 2008	11	31	7642.57	70
WY 2008	305	315		
R Oct 2008	9	14	7640.18	65
I Nov 2008	5	2	7641.75	68
C Dec 2008	5	2	7643.06	71
A Jan 2009	5	2	7644.39	74
L Feb 2009	5	2	7645.61	77
* Mar 2009	9	5	7647.33	81
Apr 2009	18	10	7650.57	88
May 2009	65	37	7661.44	116
Jun 2009	65	56	7664.58	124
Jul 2009	22	43	7656.36	103
Aug 2009	16	42	7645.21	76
Sep 2009	16	32	7637.47	59
WY 2009	258	248		
Oct 2009	13	20	7633.53	51
Nov 2009	8	8	7633.59	51
Dec 2009	6	3	7635.04	54
Jan 2010	5	3	7636.06	56
Feb 2010	5	3	7636.92	58
Mar 2010	8	3	7639.23	63
Apr 2010	22	12	7643.72	72
May 2010	69	40	7655.84	101
Jun 2010	78	54	7664.57	124
Jul 2010	31	43	7659.78	112
Aug 2010	19	42	7650.52	88
Sep 2010	17	32	7644.03	73
WY 2010	281	264		
Oct 2010	13	19	7641.18	67
Nov 2010	8	7	7641.69	68
Dec 2010	6	5	7642.10	69
Jan 2011	5	5	7642.32	69
Feb 2011	5	4	7642.47	70
Mar 2011	8	5	7643.94	73

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 4/2009 Most Prob Water Supply
Navajo Reservoir

06-apr-2009 14:41:28

	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
* Apr 2008	249	27	221	2	21	159	6060.97	1360	240
H May 2008	337	45	254	4	31	159	6065.54	1420	303
I Jun 2008	310	49	217	4	39	224	6061.77	1370	411
S Jul 2008	82	14	74	4	40	32	6061.63	1369	103
T Aug 2008	31	3	52	4	36	40	6059.46	1341	58
O Sep 2008	31	2	48	3	22	45	6057.74	1319	57
WY 2008	1355	146	1219	28	206	1185			1887
R Oct 2008	28	0	34	2	11	32	6056.83	1308	45
I Nov 2008	21	0	17	1	0	30	6055.68	1294	47
C Dec 2008	19	0	16	1	0	31	6054.38	1278	48
A Jan 2009	22	0	19	1	1	31	6053.29	1265	54
L Feb 2009	27	1	24	1	0	28	6052.85	1259	49
* Mar 2009	76	6	65	2	5	31	6055.13	1287	0
Apr 2009	130	7	115	2	15	30	6060.58	1355	30
May 2009	265	41	196	4	26	85	6066.79	1437	85
Jun 2009	235	33	193	4	40	147	6066.93	1439	147
Jul 2009	60	3	78	5	43	31	6066.96	1439	31
Aug 2009	38	3	61	4	36	31	6066.27	1430	31
Sep 2009	40	1	55	3	20	30	6066.41	1432	30
WY 2009	961	94	873	28	199	536			595
Oct 2009	38	2	44	2	7	31	6066.71	1436	31
Nov 2009	33	0	32	1	0	30	6066.83	1437	30
Dec 2009	24	0	21	1	0	31	6066.06	1427	31
Jan 2010	22	0	20	1	0	31	6065.18	1415	31
Feb 2010	30	0	28	1	0	28	6065.16	1415	28
Mar 2010	88	2	82	2	4	31	6068.49	1460	31
Apr 2010	174	16	148	3	16	34	6075.26	1555	34
May 2010	279	33	216	4	28	200	6074.13	1539	200
Jun 2010	246	29	194	5	43	212	6069.40	1472	212
Jul 2010	74	7	79	5	46	31	6069.23	1470	31
Aug 2010	43	3	63	4	39	31	6068.51	1460	31
Sep 2010	42	1	56	3	22	30	6068.62	1462	30
WY 2010	1094	93	983	30	205	718			718
Oct 2010	38	0	44	2	7	31	6068.92	1466	31
Nov 2010	33	0	32	1	1	30	6068.90	1465	30
Dec 2010	24	0	23	1	1	31	6068.20	1456	31
Jan 2011	22	0	21	1	0	31	6067.45	1446	31
Feb 2011	30	0	30	1	0	28	6067.53	1447	28
Mar 2011	88	2	83	2	4	31	6070.90	1493	31

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 4/2009 Most Prob Water Supply
Lake Powell

06-apr-2009 14:41:28

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
* Apr 2008	1003	1004	21	678	0	678	3594.09	18151	11195	691
H May 2008	2644	2365	27	790	0	790	3610.81	18082	12812	807
I Jun 2008	3585	3330	49	791	0	791	3631.05	18413	14971	810
S Jul 2008	1709	1430	63	865	0	865	3633.00	18694	15192	887
T Aug 2008	489	596	62	890	0	890	3629.55	18727	14803	914
O Sep 2008	390	555	56	723	0	723	3626.90	18797	14509	738
WY 2008	12420	12474	396	8885	93	8978				9164
R Oct 2008	382	498	38	749	0	749	3623.82	18844	14172	762
I Nov 2008	418	455	36	603	0	603	3621.90	18866	13966	612
C Dec 2008	311	385	28	801	0	801	3617.89	18847	13541	818
A Jan 2009	329	394	9	802	0	802	3614.17	18816	13155	822
L Feb 2009	328	382	9	602	0	602	3612.05	18803	12938	612
* Mar 2009	468	442	16	626	0	626	3610.43	18768	12774	632
Apr 2009	900	778	27	600	0	600	3611.81	18779	12913	600
May 2009	2400	2066	38	600	0	600	3624.41	18885	14236	600
Jun 2009	2800	2430	46	625	0	625	3638.82	19015	15864	625
Jul 2009	1100	1034	55	815	0	815	3640.11	19028	16016	815
Aug 2009	497	592	56	813	0	813	3637.93	19007	15759	813
Sep 2009	431	543	48	595	0	595	3637.13	19000	15666	595
WY 2009	10364	9997	407	8230	0	8230				8306
Oct 2009	506	574	44	615	0	615	3636.45	18993	15588	615
Nov 2009	523	566	36	600	0	600	3635.89	18988	15523	600
Dec 2009	418	503	30	800	0	800	3633.25	18964	15220	800
Jan 2010	384	481	22	900	0	900	3629.63	18931	14812	900
Feb 2010	395	460	21	800	0	800	3626.62	18904	14477	800
Mar 2010	628	581	25	800	0	800	3624.55	18886	14252	800
Apr 2010	952	770	29	950	0	950	3622.77	18871	14059	950
May 2010	2161	1878	39	1000	0	1000	3629.84	18933	14835	1000
Jun 2010	2808	2421	47	1178	0	1178	3639.48	19022	15942	1178
Jul 2010	1345	1234	55	1175	0	1175	3639.51	19022	15946	1175
Aug 2010	566	672	56	1125	0	1125	3635.47	18984	15475	1125
Sep 2010	459	597	48	595	0	595	3635.11	18981	15432	595
WY 2010	11147	10737	452	10538	0	10538				10538
Oct 2010	506	603	43	615	0	615	3634.66	18977	15382	615
Nov 2010	523	597	36	600	0	600	3634.35	18974	15345	600
Dec 2010	418	548	30	800	0	800	3632.06	18953	15085	800
Jan 2011	384	514	22	800	0	800	3629.52	18930	14800	800
Feb 2011	395	489	21	700	0	700	3627.60	18913	14585	700
Mar 2011	628	614	26	700	0	700	3626.66	18905	14482	700

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 4/2009 Most Prob Water Supply
Hoover Dam - Lake Mead

06-apr-2009 14:41:28

	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
* Apr 2008	678	40	44	1159	19.5	24	1155	810	1110.61	12463
H May 2008	790	49	49	1113	18.1	30	1110	789	1107.05	12132
I Jun 2008	791	44	59	949	15.9	30	949	776	1104.98	11941
S Jul 2008	865	63	73	876	14.2	33	874	773	1104.42	11890
T Aug 2008	890	95	78	804	13.1	34	789	777	1105.13	11955
O Sep 2008	723	77	64	652	11.0	22	642	781	1105.76	12013
WY 2008	8978	912	606	9531		278	9468			
R Oct 2008	749	47	47	508	8.3	26	498	794	1107.94	12213
I Nov 2008	603	74	47	675	11.3	15	659	790	1107.33	12157
C Dec 2008	801	62	41	453	7.4	8	432	812	1110.97	12496
A Jan 2009	802	63	34	741	12.1	9	739	817	1111.78	12572
L Feb 2009	602	82	31	679	12.2	9	669	815	1111.43	12539
* Mar 2009	626	63	34	1037	16.9	18	1035	791	1107.40	12164
Apr 2009	600	75	42	1191	20.0	26	1191	755	1101.40	11616
May 2009	600	70	47	1018	16.6	35	1018	729	1096.86	11212
Jun 2009	625	24	56	882	14.8	33	882	709	1093.42	10910
Jul 2009	815	61	69	909	14.8	35	909	701	1091.93	10781
Aug 2009	813	110	73	794	12.9	36	794	702	1092.15	10800
Sep 2009	595	78	61	593	10.0	31	593	701	1092.04	10790
WY 2009	8230	809	583	9480		278	9418			
Oct 2009	615	73	44	490	8.0	39	490	708	1093.27	10897
Nov 2009	600	73	44	542	9.1	28	542	712	1093.90	10952
Dec 2009	800	65	39	561	9.1	23	561	727	1096.50	11180
Jan 2010	900	131	32	678	11.0	19	678	745	1099.70	11464
Feb 2010	800	134	30	667	12.0	18	667	759	1101.99	11670
Mar 2010	800	96	33	1013	16.5	25	1013	748	1100.16	11505
Apr 2010	950	75	41	1136	19.1	23	1136	737	1098.32	11341
May 2010	1000	70	47	1009	16.4	32	1009	736	1098.13	11324
Jun 2010	1178	24	57	902	15.2	30	902	749	1100.37	11524
Jul 2010	1175	61	72	902	14.7	32	902	763	1102.77	11740
Aug 2010	1125	110	78	811	13.2	33	811	782	1105.99	12035
Sep 2010	595	78	64	679	11.4	28	679	776	1105.00	11943
WY 2010	10538	990	581	9390		329	9390			
Oct 2010	615	73	47	453	7.4	36	453	786	1106.54	12085
Nov 2010	600	73	47	515	8.7	25	515	791	1107.41	12165
Dec 2010	800	65	41	531	8.6	20	531	807	1110.17	12422
Jan 2011	800	131	34	677	11.0	19	677	820	1112.19	12611
Feb 2011	700	134	31	661	11.9	18	661	827	1113.42	12728
Mar 2011	700	96	35	1014	16.5	25	1014	810	1110.66	12467

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 4/2009 Most Prob Water Supply
 Davis Dam - Lake Mohave

06-apr-2009 14:41:28

	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
* Apr 2008	1159	-23	1104	0	1104	18.6	641.20	1650
H May 2008	1113	-45	993	0	993	16.2	643.95	1725
I Jun 2008	949	-34	932	0	932	15.7	643.36	1709
S Jul 2008	876	-23	896	0	896	14.6	641.79	1666
T Aug 2008	804	-26	798	0	798	13.0	641.06	1646
O Sep 2008	652	-15	698	0	698	11.7	638.80	1585
WY 2008	9531	-285	9205	0	9205			
R Oct 2008	508	-18	632	0	632	10.3	633.37	1444
I Nov 2008	675	-23	603	0	603	10.1	635.28	1493
C Dec 2008	453	-23	339	0	339	5.5	638.77	1585
A Jan 2009	741	-25	655	0	655	10.6	641.08	1647
L Feb 2009	679	-18	629	0	629	11.3	642.29	1679
* Mar 2009	1037	-27	1035	0	1035	16.8	641.38	1655
Apr 2009	1191	-28	1119	0	1119	18.8	643.00	1699
May 2009	1018	-35	983	0	983	16.0	643.00	1699
Jun 2009	882	-27	882	0	882	14.8	642.00	1671
Jul 2009	909	-23	899	0	899	14.6	641.50	1658
Aug 2009	794	-25	769	0	769	12.5	641.50	1658
Sep 2009	593	-17	670	0	670	11.3	638.00	1564
WY 2009	9480	-289	9212	0	9212			
Oct 2009	490	-4	616	0	616	10.0	633.00	1434
Nov 2009	542	-18	498	0	498	8.4	634.00	1460
Dec 2009	561	-20	419	0	419	6.8	638.71	1583
Jan 2010	678	-22	573	0	573	9.3	641.80	1666
Feb 2010	667	-15	652	0	652	11.7	641.80	1666
Mar 2010	1013	-26	953	0	953	15.5	643.05	1700
Apr 2010	1136	-28	1109	0	1109	18.6	643.00	1699
May 2010	1009	-35	974	0	974	15.8	643.00	1699
Jun 2010	902	-27	902	0	902	15.2	642.00	1671
Jul 2010	902	-23	893	0	893	14.5	641.50	1658
Aug 2010	811	-25	786	0	786	12.8	641.50	1658
Sep 2010	679	-17	756	0	756	12.7	638.00	1564
WY 2010	9390	-260	9129	0	9129			
Oct 2010	453	-4	579	0	579	9.4	633.00	1434
Nov 2010	515	-18	471	0	471	7.9	634.00	1460
Dec 2010	531	-20	388	0	388	6.3	638.71	1583
Jan 2011	677	-22	572	0	572	9.3	641.80	1666
Feb 2011	661	-15	646	0	646	11.6	641.80	1666
Mar 2011	1014	-26	953	0	953	15.5	643.05	1700

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 4/2009 Most Prob Water Supply
 Parker Dam - Lake Havasu

06-apr-2009 14:41:28

	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
* Apr 2008	1104	-10	838	14.1	76	166	447.25	566	202	3.4
H May 2008	993	-11	684	11.1	97	172	448.84	596	113	1.8
I Jun 2008	932	-25	691	11.6	94	126	448.62	592	115	1.9
S Jul 2008	896	-18	728	11.8	87	78	447.86	577	122	2.0
T Aug 2008	798	-2	635	10.3	82	65	448.54	590	109	1.8
O Sep 2008	698	-10	519	8.7	82	94	448.19	584	99	1.7
WY 2008	9205	-80	6692		803	1622			1560	
R Oct 2008	632	3	452	7.4	77	136	446.55	553	84	1.4
I Nov 2008	603	16	379	6.4	53	168	447.54	571	118	2.0
C Dec 2008	339	15	236	3.8	67	65	446.81	558	139	2.3
A Jan 2009	655	-7	379	6.2	99	171	446.67	555	121	2.0
L Feb 2009	629	2	397	7.2	82	162	446.08	544	162	2.9
* Mar 2009	1035	-7	736	12.0	99	180	446.75	557	209	3.4
Apr 2009	1119	-6	813	13.7	101	161	448.71	594	200	3.4
May 2009	983	-16	708	11.5	99	160	448.71	594	113	1.8
Jun 2009	882	-26	667	11.2	96	92	448.71	594	112	1.9
Jul 2009	899	-18	728	11.8	99	68	448.00	580	119	1.9
Aug 2009	769	-11	622	10.1	95	50	447.50	571	93	1.5
Sep 2009	670	-12	545	9.2	27	98	446.81	557	89	1.5
WY 2009	9212	-66	6665		995	1512			1559	
Oct 2009	616	6	454	7.4	22	154	446.31	548	74	1.2
Nov 2009	498	13	364	6.1	30	114	446.50	552	103	1.7
Dec 2009	419	11	297	4.8	31	103	446.50	552	116	1.9
Jan 2010	573	25	345	5.6	84	168	446.50	552	119	1.9
Feb 2010	652	28	452	8.1	76	152	446.50	552	154	2.8
Mar 2010	953	30	727	11.8	84	168	446.70	555	204	3.3
Apr 2010	1109	-6	821	13.8	81	163	448.71	594	199	3.3
May 2010	974	-16	705	11.5	84	169	448.71	594	111	1.8
Jun 2010	902	-26	672	11.3	81	123	448.71	594	116	1.9
Jul 2010	893	-18	728	11.8	84	77	448.00	580	119	1.9
Aug 2010	786	-11	622	10.1	84	79	447.50	571	93	1.5
Sep 2010	756	-12	545	9.2	61	151	446.81	557	89	1.5
WY 2010	9129	24	6733		800	1620			1497	
Oct 2010	579	6	454	7.4	24	116	446.31	548	74	1.2
Nov 2010	471	13	365	6.1	24	92	446.50	552	103	1.7
Dec 2010	388	11	300	4.9	24	75	446.50	552	118	1.9
Jan 2011	572	25	344	5.6	84	168	446.50	552	119	1.9
Feb 2011	646	28	446	8.0	76	152	446.50	552	149	2.7
Mar 2011	953	30	727	11.8	84	169	446.70	555	206	3.4

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 4/2009 Most Prob Water Supply
Hoover Dam - Lake Mead

06-apr-2009 14:41:28

	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
* Apr 2008	1159	19.5	1110.61	12463	-477	0.00	1393.0	475.9	81	410.7
H May 2008	1113	18.1	1107.05	12132	-331	0.00	1482.0	445.7	87	400.5
I Jun 2008	949	15.9	1104.98	11941	-190	0.00	1694.0	371.6	100	391.7
S Jul 2008	876	14.2	1104.42	11890	-51	0.00	1672.0	344.2	100	392.8
T Aug 2008	804	13.1	1105.13	11955	65	0.00	1678.0	316.2	100	393.1
O Sep 2008	652	11.0	1105.76	12013	58	0.00	1677.0	252.9	100	387.9
WY 2008	9530							3790.6		
R Oct 2008	508	8.3	1107.94	12213	201	0.00	1038.0	188.5	61	370.8
I Nov 2008	675	11.3	1107.33	12157	-56	0.00	926.0	263.1	55	389.9
C Dec 2008	453	7.4	1110.97	12496	339	0.00	1523.0	171.3	88	377.7
A Jan 2009	741	12.1	1111.78	12572	76	0.00	1305.0	299.0	75	403.3
L Feb 2009	679	12.2	1111.43	12539	-33	0.00	1415.0	263.8	81	388.5
* Mar 2009	1037	16.9	1107.40	12164	-376	0.00	950.0	415.9	55	401.2
Apr 2009	1191	20.0	1101.40	11616	-548	453.89	1284.0	503.5	76	422.9
May 2009	1018	16.6	1096.86	11212	-405	446.11	1582.0	406.4	94	399.2
Jun 2009	882	14.8	1093.42	10910	-302	441.86	1676.0	348.9	100	395.7
Jul 2009	909	14.8	1091.93	10781	-128	439.91	1685.0	358.1	100	393.9
Aug 2009	794	12.9	1092.15	10800	19	439.44	1702.0	314.1	100	395.8
Sep 2009	593	10.0	1092.04	10790	-10	440.63	1702.0	231.3	100	390.2
WY 2009	9480							3764.0		
Oct 2009	490	8.0	1093.27	10897	107	446.62	1187.0	195.6	69	399.1
Nov 2009	542	9.1	1093.90	10952	55	448.57	1287.0	213.8	75	394.6
Dec 2009	561	9.1	1096.50	11180	227	447.31	1506.0	220.0	87	391.9
Jan 2010	678	11.0	1099.70	11464	284	448.88	1319.0	270.6	76	399.3
Feb 2010	667	12.0	1101.99	11670	206	449.88	1436.0	268.9	83	403.5
Mar 2010	1013	16.5	1100.16	11505	-165	449.80	1407.0	410.9	82	405.6
Apr 2010	1136	19.1	1098.32	11341	-164	447.57	1389.0	468.4	82	412.4
May 2010	1009	16.4	1098.13	11324	-17	445.26	1577.0	401.5	94	398.0
Jun 2010	902	15.2	1100.37	11524	200	445.94	1675.0	361.0	100	400.3
Jul 2010	902	14.7	1102.77	11740	216	448.73	1690.0	361.8	100	400.8
Aug 2010	811	13.2	1105.99	12035	294	451.69	1707.0	330.2	100	407.0
Sep 2010	679	11.4	1105.00	11943	-92	453.93	1707.0	272.3	100	401.1
WY 2010	9390							3775.1		
Oct 2010	453	7.4	1106.54	12085	142	459.67	1184.9	183.3	69	404.3
Nov 2010	515	8.7	1107.41	12165	80	461.89	1281.8	206.4	75	400.9
Dec 2010	531	8.6	1110.17	12422	256	460.83	1488.6	211.4	87	398.1
Jan 2011	677	11.0	1112.19	12611	189	461.89	1294.7	277.0	76	409.2
Feb 2011	661	11.9	1113.42	12728	117	461.77	1408.8	272.4	83	412.3
Mar 2011	1014	16.5	1110.66	12467	-260	460.70	1393.1	420.2	82	414.6

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 4/2009 Most Prob Water Supply
 Davis Dam - Lake Mohave

06-apr-2009 14:41:28

	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
* Apr 2008	1104	18.6	641.20	1650	32	0.00	255.0	135.8	100	123.0
H May 2008	993	16.2	643.95	1725	75	0.00	255.0	123.5	100	124.4
I Jun 2008	932	15.7	643.36	1709	-16	0.00	255.0	117.8	100	126.5
S Jul 2008	896	14.6	641.79	1666	-43	0.00	255.0	111.7	100	124.6
T Aug 2008	798	13.0	641.06	1646	-20	0.00	255.0	98.5	100	123.4
O Sep 2008	698	11.7	638.80	1585	-61	0.00	255.0	86.5	100	123.9
WY 2008	9205							1137.7		
R Oct 2008	632	10.3	633.37	1444	-141	0.00	211.7	74.9	83	118.6
I Nov 2008	603	10.1	635.28	1493	49	0.00	186.2	71.8	73	119.1
C Dec 2008	339	5.5	638.77	1585	91	0.00	163.2	42.1	64	124.2
A Jan 2009	655	10.6	641.08	1647	62	0.00	155.6	80.8	61	123.4
L Feb 2009	629	11.3	642.29	1679	33	0.00	193.8	79.3	76	126.1
* Mar 2009	1035	16.8	641.38	1655	-25	0.00	255.0	121.2	100	117.1
Apr 2009	1119	18.8	643.00	1699	44	135.19	255.0	138.1	100	123.4
May 2009	983	16.0	643.00	1699	0	136.04	255.0	122.8	100	125.0
Jun 2009	882	14.8	642.00	1671	-27	135.51	255.0	110.1	100	124.9
Jul 2009	899	14.6	641.50	1658	-14	134.73	255.0	111.8	100	124.3
Aug 2009	769	12.5	641.50	1658	0	134.46	255.0	95.9	100	124.7
Sep 2009	670	11.3	638.00	1564	-94	132.63	255.0	82.8	100	123.6
WY 2009	9212							1131.5		
Oct 2009	616	10.0	633.00	1434	-130	129.25	216.8	74.0	85	120.2
Nov 2009	498	8.4	634.00	1460	26	128.21	183.6	59.3	72	119.1
Dec 2009	419	6.8	638.71	1583	123	131.03	188.7	51.2	74	122.3
Jan 2010	573	9.3	641.80	1666	83	135.19	186.2	71.4	73	124.8
Feb 2010	652	11.7	641.80	1666	0	136.23	204.0	81.7	80	125.3
Mar 2010	953	15.5	643.05	1700	34	135.64	247.3	118.7	97	124.6
Apr 2010	1109	18.6	643.00	1699	-2	136.07	255.0	137.8	100	124.2
May 2010	974	15.8	643.00	1699	0	136.04	255.0	121.7	100	125.0
Jun 2010	902	15.2	642.00	1671	-27	135.51	255.0	112.5	100	124.8
Jul 2010	893	14.5	641.50	1658	-14	134.73	255.0	111.0	100	124.3
Aug 2010	786	12.8	641.50	1658	0	134.46	255.0	98.0	100	124.6
Sep 2010	756	12.7	638.00	1564	-94	132.63	255.0	93.0	100	123.1
WY 2010	9129							1130.4		
Oct 2010	579	9.4	633.00	1434	-130	128.65	237.2	69.8	93	120.5
Nov 2010	471	7.9	634.00	1460	26	126.61	234.6	56.2	92	119.2
Dec 2010	388	6.3	638.71	1583	123	129.47	239.7	47.6	94	122.5
Jan 2011	572	9.3	641.80	1666	83	134.16	219.3	71.3	86	124.8
Feb 2011	646	11.6	641.80	1666	0	135.05	244.8	81.0	96	125.3
Mar 2011	953	15.5	643.05	1700	34	135.44	255.0	118.7	100	124.6

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 4/2009 Most Prob Water Supply
 Parker Dam - Lake Havasu

06-apr-2009 14:41:28

	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
* Apr 2008	838	14.1	447.25	566	14	0.00	90.0	55.0	75	65.6
H May 2008	684	11.1	448.84	596	30	0.00	90.0	46.4	75	67.9
I Jun 2008	691	11.6	448.62	592	-4	0.00	90.0	47.3	75	68.4
S Jul 2008	728	11.8	447.86	577	-14	0.00	90.0	48.9	75	67.3
T Aug 2008	635	10.3	448.54	590	13	0.00	105.6	41.9	88	66.0
O Sep 2008	519	8.7	448.19	584	-7	0.00	91.2	38.6	76	74.3
WY 2008	6692							453.4		
R Oct 2008	452	7.4	446.55	553	-31	0.00	90.0	31.2	75	68.9
I Nov 2008	379	6.4	447.54	571	18	0.00	90.0	26.2	75	69.1
C Dec 2008	236	3.8	446.81	558	-14	0.00	85.2	15.3	71	64.7
A Jan 2009	379	6.2	446.67	555	-3	0.00	78.0	25.9	65	68.2
L Feb 2009	397	7.2	446.08	544	-11	0.00	90.0	27.2	75	68.5
* Mar 2009	736	12.0	446.75	556	12	0.00	92.4	49.2	77	66.8
Apr 2009	813	13.7	448.71	594	37	75.69	106.8	54.2	89	66.7
May 2009	708	11.5	448.71	594	0	76.06	120.0	47.1	100	66.5
Jun 2009	667	11.2	448.71	594	0	76.06	120.0	44.4	100	66.4
Jul 2009	728	11.8	448.00	580	-14	75.72	120.0	48.3	100	66.3
Aug 2009	622	10.1	447.50	571	-10	75.13	120.0	40.8	100	65.5
Sep 2009	545	9.2	446.81	557	-13	75.95	90.0	36.1	75	66.2
WY 2009	6665							445.7		
Oct 2009	454	7.4	446.31	548	-9	75.37	90.0	29.6	75	65.2
Nov 2009	364	6.1	446.50	552	3	76.73	64.8	24.0	54	66.0
Dec 2009	297	4.8	446.50	552	0	75.32	90.0	18.8	75	63.5
Jan 2010	345	5.6	446.50	552	0	76.35	72.0	22.5	60	65.2
Feb 2010	452	8.1	446.50	552	0	75.38	88.8	29.6	74	65.5
Mar 2010	727	11.8	446.70	555	4	74.01	120.0	47.3	100	65.0
Apr 2010	821	13.8	448.71	594	38	75.09	120.0	54.2	100	66.1
May 2010	705	11.5	448.71	594	0	76.06	120.0	46.9	100	66.5
Jun 2010	672	11.3	448.71	594	0	76.06	120.0	44.6	100	66.5
Jul 2010	728	11.8	448.00	580	-14	75.72	120.0	48.3	100	66.3
Aug 2010	622	10.1	447.50	571	-10	75.13	120.0	40.8	100	65.5
Sep 2010	545	9.2	446.81	557	-13	74.55	120.0	35.4	100	64.9
WY 2010	6733							442.1		
Oct 2010	454	7.4	446.31	548	-9	73.97	120.0	29.0	100	63.9
Nov 2010	365	6.1	446.50	552	3	74.98	94.8	23.5	79	64.3
Dec 2010	300	4.9	446.50	552	0	73.92	120.0	18.8	100	62.5
Jan 2011	344	5.6	446.50	552	0	74.71	102.0	21.9	85	63.7
Feb 2011	446	8.0	446.50	552	0	74.60	104.4	28.9	87	64.7
Mar 2011	727	11.8	446.70	555	4	74.01	120.0	47.3	100	65.0

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 4/2009 Most Prob Water Supply
Upper Basin Power

06-apr-2009 14:41:28

	Glen Canyon 1000 MWHR	Flam Forge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* Apr 2008	280	20	38	55	23	2
H May 2008	333	39	52	92	23	4
I Jun 2008	348	68	40	63	22	7
S Jul 2008	390	36	31	39	23	9
T Aug 2008	400	36	36	42	22	8
O Sep 2008	323	34	34	41	21	5
Summer 2008	2075	233	232	331	134	35
R Oct 2008	334	27	25	30	17	5
I Nov 2008	267	25	9	12	6	4
C Dec 2008	355	30	10	14	7	2
A Jan 2009	352	31	11	15	6	4
L Feb 2009	262	24	12	15	4	3
* Mar 2009	271	20	14	15	10	3
Winter 2009	1840	156	81	101	50	21
Apr 2009	243	17	29	38	21	4
May 2009	246	34	34	51	23	8
Jun 2009	263	66	23	34	22	9
Jul 2009	348	29	36	43	22	10
Aug 2009	347	29	38	45	22	9
Sep 2009	253	28	34	41	21	6
Summer 2009	1700	203	193	252	132	44
Oct 2009	261	29	24	30	15	6
Nov 2009	254	28	15	19	10	6
Dec 2009	338	29	18	23	12	6
Jan 2010	378	29	21	27	14	5
Feb 2010	334	26	18	24	12	4
Mar 2010	332	29	18	24	13	5
Winter 2010	1898	170	114	146	76	32
Apr 2010	393	28	18	27	15	5
May 2010	416	51	20	34	22	7
Jun 2010	498	65	21	32	22	9
Jul 2010	501	41	33	41	22	10
Aug 2010	478	41	38	45	23	10
Sep 2010	252	40	35	42	21	6
Summer 2010	2538	267	165	221	126	46
Oct 2010	260	41	24	29	15	6
Nov 2010	254	40	14	18	10	6
Dec 2010	337	41	21	27	14	6
Jan 2011	336	41	21	27	14	5
Feb 2011	292	37	18	24	12	5
Mar 2011	292	41	18	24	13	5
Winter 2011	1770	242	116	149	77	33

model_run_id = 2020

FLOOD CONTROL CRITERIA
 BEGINNING OF MONTH CONDITIONS

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF	
		* * * * P R E D I C T E D S P A C E * * * *										* * * * E F F E C T I V E S P A C E * * * *								
APR	2009	997	287	409	11546	13239	15216	28455	407	287	291	986	11546	15216	27748	1500	1191	0	32.0	
MAY	2009	941	310	341	11407	12998	15764	28762	345	310	206	861	11407	15764	28031	1500	1018	0	33.3	
JUN	2009	840	210	259	10084	11393	16168	27561	234	202	94	531	10084	16168	26783	1500	882	0	34.9	
JUL	2009	705	27	257	8456	9446	16470	25916	85	-4	48	129	8456	16470	25055	1500	909	0	35.0	
		* * * * C R E D I T A B L E S P A C E * * * *										* * * * E F F E C T I V E S P A C E * * * *								
AUG	2009	637	27	257	8304	9225	16599	25823	637	27	257	921	8304	16599	25823	1500	794	0	34.6	
SEP	2009	651	83	266	8561	9560	16580	26140	651	83	266	1000	8561	16580	26140	2270	593	0	34.3	
OCT	2009	687	152	264	8654	9757	16590	26347	687	152	264	1103	8654	16590	26347	3040	490	0	34.1	
NOV	2009	715	196	260	8732	9903	16483	26386	715	196	260	1171	8732	16483	26386	3810	542	0	34.1	
DEC	2009	745	214	259	8797	10015	16428	26443	745	214	259	1218	8797	16428	26443	4580	561	0	34.0	
JAN	2010	790	248	269	9100	10408	16200	26608	790	248	269	1308	9100	16200	26608	5350	678	0	33.9	
		* * * * C R E D I T A B L E S P A C E * * * *										* * * * E F F E C T I V E S P A C E * * * *								
JAN	2010	790	248	269	9100	10408	16200	26608	475	248	200	923	9100	16200	26224	5350	678	0	33.9	
FEB	2010	832	295	281	9508	10916	15916	26833	514	295	211	1021	9508	15916	26445	1500	667	0	33.7	
MAR	2010	861	334	281	9843	11319	15710	27029	541	334	210	1085	9843	15710	26638	1500	1013	0	33.4	
APR	2010	843	361	236	10068	11508	15875	27383	517	361	160	1038	10068	15875	26981	1500	1136	0	33.2	
MAY	2010	786	353	141	10261	11541	16039	27579	453	353	45	851	10261	16039	27151	1500	1009	0	34.2	
JUN	2010	673	220	157	9485	10535	16056	26592	330	217	30	576	9485	16056	26118	1500	902	0	35.8	
JUL	2010	467	42	224	8378	9110	15856	24965	107	15	48	169	8378	15856	24403	1500	902	0	36.1	
		* * * * C R E D I T A B L E S P A C E * * * *										* * * * E F F E C T I V E S P A C E * * * *								
AUG	2010	378	27	226	8374	9005	15640	24645	378	27	226	631	8374	15640	24645	1500	811	0	35.9	
SEP	2010	409	77	236	8845	9567	15345	24913	409	77	236	722	8845	15345	24913	2270	679	0	35.5	
OCT	2010	471	147	234	8888	9740	15437	25177	471	147	234	852	8888	15437	25177	3040	453	0	35.3	
NOV	2010	532	186	230	8938	9887	15295	25182	532	186	230	948	8938	15295	25182	3810	515	0	35.3	
DEC	2010	593	203	231	8975	10001	15215	25215	593	203	231	1026	8975	15215	25215	4580	531	0	35.3	
JAN	2011	670	248	240	9235	10393	14958	25351	670	248	240	1158	9235	14958	25351	5350	677	0	35.2	
		* * * * C R E D I T A B L E S P A C E * * * *										* * * * E F F E C T I V E S P A C E * * * *								
JAN	2011	670	248	240	9235	10393	14958	25351	328	248	217	793	9235	14958	24987	5350	677	0	35.2	
FEB	2011	743	295	250	9520	10809	14769	25578	400	295	227	922	9520	14769	25212	1500	661	0	35.0	
MAR	2011	801	334	249	9735	11119	14652	25771	457	334	225	1015	9735	14652	25402	1500	1014	0	34.6	