

Date: January 12, 2009

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

Current Status

	December Inflow (unreg) (acre-feet)	Percent of Normal	Midnight Jan 11 Elevation	Reservoir Storage (acre-feet)
Fontenelle	30,000	90	6480.45	169,000
Flaming Gorge	17,000	43	6019.89	2,976,000
Blue Mesa	28,000	107	7489.88	580,000
Powell	344,000	79	3616.41	13,386,000
Navajo	19,000	76	6053.95	1,273,000

Expected Operations

The operation of Lake Powell and Lake Mead in this January 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.

This January 24-Month Study projects that the annual release volume from Glen Canyon Dam for water year 2009 will be 9.326 million acre-feet (maf) consistent with Sections 6.B.3 and 6.A.1 of the Interim Guidelines. . The Interim Guidelines contain a provision for an April adjustment to the operational parameters for Lake Powell when specific conditions occur. The operations reflected in this January 24-Month Study are consistent with this provision. It should be noted that such adjustments, as well as the coordinated operations in general, are sensitive to current inflow projections and may therefore change from month to month as new inflow projections are incorporated.

FONTENELLE – Releases from Fontenelle are currently 980 cfs while inflows are averaging 500 cfs. Releases will remain at 980 cfs until early spring. The elevation of

Fontenelle Reservoir is 6481 feet above sea level, about 25 feet from top of pool, or 50% full. The reservoir elevation is declining and will continue to decline through the winter months.

Inflows for the month of December were 30,000 af, or 90% of average. Based on the latest inflow forecast from the Colorado Basin River Forecast Center, inflows will continue to be below average through the fall and winter months (28,000 af, 28,000 af, and 50,000 af for January, February and March, respectively). Current modeling projects that the reservoir elevation low point will be approximately 6468 ft above sea level early next spring.

The Colorado Basin River Forecast Center has issued the 2009 water supply forecast. The January forecast for the April to July runoff season is 765,000 af, or 89% of average.

Open forum discussions on Fontenelle operations take place at the "Fontenelle Reservoir Working Group" meetings. The Working Group is a forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. The public is encouraged to attend and express their concerns and interests with regard to Fontenelle Reservoir operation. The next Working Group meeting is scheduled for April 21, 2009 at 10:00 am at the visitor's center of the Seedskaadee National Wildlife Refuge below Fontenelle dam. For more information about the Fontenelle Working Group, contact Ed Vidmar at 801-379-1182.

FLAMING GORGE – December observed unregulated inflow into Flaming Gorge reservoir was 17,000 acre-feet (AF), or 42 percent of average inflow. The December end of month elevation was 6020 feet, which equates to 2.98 million acre-feet or 79 percent of live storage capacity. The January forecast for April through July unregulated inflow volume into Flaming Gorge Reservoir was 910,000 AF or 76 percent of average inflow.

Flaming Gorge will release an average daily flow of 1,300 cfs through January in a double-peak pattern. The double-peak pattern in January will be similar to the December pattern that was proposed at the August Working Group Meeting. The February daily average release will be 1,100 cfs and will likely follow a double peak pattern. Beginning March 1, 2009, the release pattern is scheduled to be a steady 800 cfs until the beginning of the spring peak sometime in May 2009.

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 – December unregulated inflow into Blue Mesa Reservoir was 28,000 acre-feet or 107 percent of average. Precipitation during December was a whopping 210 percent of average, while November's precipitation was recorded at 70 percent of average. However, the current basin snowpack as of January 9, 2009 was averaging 123 percent. The current inflow rate into Blue Mesa Reservoir is about 500 cfs while reservoir releases are averaging about 600 cfs. The past three months have seen slightly below average reservoir inflows. Blue Mesa's present elevation is 7489.94 feet, which corresponds to a storage content of about 581,000 acre-feet.

The first Water Supply Forecast for Water Year 2009 has been issued and the April through July unregulated inflow is forecasted to be at 750,000 acre-feet (104% of normal). Based on this forecast, Blue Mesa Reservoir is projected to fill by July 2009.

Releases from Crystal are currently set at 700 cfs, with an additional 100 cfs increase set for January 12th. The Gunnison Diversion Tunnel was shut down for the season on October 30th, with the exception of some small 50 to 100 cfs diversions taken bi-weekly for municipal water needs in Montrose, Colorado. Reservoir releases will most likely change as conditions warrant, primarily as we respond to changes in forecasted inflows.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, January 22, 2009 in Montrose, Colorado, starting at 1:00 PM. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2009 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 on Tuesday, October 7th by 200 cfs, bringing the total reservoir release down from 700 cfs to 500 cfs.

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). The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 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.

Precipitation for the month of December in the San Juan River basin was 230 percent of average. Unregulated inflow into Navajo Reservoir during the month of December was 19,000 acre-feet, or 76 percent of average. The current daily reservoir inflow is averaging about 300 cfs and the water surface elevation is at 6054.10 feet which corresponds to a reservoir content of about 1,275,000 acre-feet. Diversions for NIIP are currently been shut down for the winter.

On January 6, 2009, the National Weather Service's River Forecasting Center issued its first seasonal April through July unregulated inflow forecast for Navajo Reservoir. The forecasted inflow is for 900,000 acre-feet, or 115 percent of average.

A public meeting on Navajo Reservoir operations will be held on Tuesday, January 27, 2009 at 1:00 p.m. at the Farmington Civic Center. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and spring 2009 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

Operations

The monthly release volume for January 2009 is scheduled to be 800,000 acre-feet. Daily average releases during January will be about 13,000 cfs. Monday through Friday releases will peak each afternoon to about 17,000 cfs with early morning releases of approximately 9,000 cfs. Weekend afternoon peak releases will be about 16,750 cfs with morning low releases near 9,000 cfs. The currently scheduled release volume for February 2009 is 600,000 acre-feet which will result in an average daily release of 10,800 cfs. Afternoon peaks will likely be about 13,800 cfs and early morning releases will likely be about 7,800 cfs.

Snowpack conditions in the Upper Colorado River Basin improved significantly during the month of December. On December 1, 2008 the snowpack above Lake Powell measured only 57% of average. By December 31, 2008 this snowpack had improved to 108% of average. As of January 12, 2009 the snowpack measured 110% of average.

The Colorado Basin River Forecast Center has issued the first water supply forecast for 2009. The Lake Powell forecasted unregulated inflow for the period from April through July 2009 is 8.0 million acre-feet (maf) (101% of the average during the period from 1971 to 2000). With this forecast and a projected annual release of 8.23 maf, the January 2009 24-month study projects the elevation of Lake Powell at the end of water year 2009 to be above the 2009 Equalization Level (3639 feet above sea level).

The Interim Guidelines direct adjustments be made in April based on the April 24-Month Study's projection of Lake Powell's elevation at the end of the following September. If this condition continues to be projected in April it will trigger a shift from the Upper Elevation Balancing Tier to the Equalization Tier in April 2009 for the remainder of the water year. At this point the January 2009 24-month is projecting a shift to the Equalization Tier and an annual release volume from Glen Canyon Dam to be 9.326 maf.

Upper Colorado River Basin Hydrology

Precipitation rates during October and November 2008 were well below normal at 55% and 80% respectively. In December, however, conditions improved significantly with the estimated precipitation rate of about 180% of average. The overall water year precipitation rate through January 12, 2009 is 105% of average.

The Climate Prediction Center outlook for temperature and precipitation over the next 3 months indicates equal chances for both temperature and precipitation in the Upper Colorado River Basin. This means we can likely expect near average temperatures and near average precipitation over the next 90 days.

Upper Colorado River Basin Drought

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

In the summer of 1999, Lake Powell was essentially 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 normal. 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 January 1, 2009 of 33.3 maf which is 59.4 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 PROJECTIONS AND INFLOW INFORMATION TINO UPPER BASIN RESERVOIR PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER ARE AS FOLLOWS

:			Obs			dec	Forecast		Outlook	
:	sep	oct	nov	dec	%Avg	jan	feb	mar	apr-jul	%Avg
GLDA3:Lake Powell	373	372	415	344	79%:	350/	375/	600/	8000/:	101%
GBRW4:Fontenelle	36	43	41	30	90%:	28/	28/	50/	765/:	89%
GRNU1:Flaming Gorge	40	45	47	17.1	43%:	33/	35/	70/	910/:	76%
BMDC2:Blue Mesa	35	33	27	28	107%:	25/	22/	37/	750/:	104%
MPSC2:Morrow Point	35	33	29	29	104%:	27/	25/	42/	820/:	104%
CLSC2:Crystal	38	36	33	32	98%:	31/	29/	49/	920/:	101%
TPIC2:Taylor Park	7.6	6.7	5.2	5.7	123%:	4.5/	4/	4/	107/:	104%
VCRC2:Vallecito	11.2	9.3	5.3	5.1	84%:	4/	3.5/	6.5/	230/:	112%
NVRN5:Navajo	31	29	21	19.0	76%:	15/	27/	85/	900/:	115%
LEMC2:Lemon	3.1	1.99	1.16	0.98	87%:	.7/	.7/	1.1/	65/:	112%
MPHC2:McPhee	9.7	4.3	2.4	3.6e	80%:	3.5/	4.5/	18/	355/:	111%
RBSC2:Ridgway	7.8	6.2	5.3	5.1	119%:	/	/	/	120/:	118%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 1/2009 Most Prob Water Supply
Fontenelle Reservoir

12-jan-2009 14:41:21

	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
* Jan 2008	24	0	43	0	43	6472.00	128
H Feb 2008	25	0	40	1	41	6468.13	111
I Mar 2008	32	0	43	0	43	6465.20	100
S Apr 2008	53	1	42	0	42	6467.95	111
T May 2008	132	1	64	1	65	6481.73	177
O Jun 2008	224	2	100	0	101	6499.83	298
R Jul 2008	173	3	104	34	138	6503.99	330
I Aug 2008	47	2	91	0	91	6497.83	283
C Sep 2008	36	2	63	0	63	6493.80	254
WY 2008	838	14	712	44	756		
A Oct 2008	43	1	65	0	65	6490.51	231
L Nov 2008	41	1	48	13	61	6487.43	211
* Dec 2008	30	1	26	35	60	6482.26	180
Jan 2009	28	1	60	0	60	6476.07	147
Feb 2009	28	0	54	0	54	6470.17	120
Mar 2009	50	0	60	0	60	6467.59	109
Apr 2009	89	1	68	0	68	6472.60	130
May 2009	178	1	100	4	105	6485.99	202
Jun 2009	310	2	104	111	214	6499.62	296
Jul 2009	188	3	101	37	138	6505.60	342
Aug 2009	83	2	92	0	92	6504.18	331
Sep 2009	49	2	58	11	70	6501.26	308
WY 2009	1117	15	836	211	1047		
Oct 2009	49	1	72	0	72	6497.98	284
Nov 2009	41	1	70	0	70	6493.87	254
Dec 2009	32	1	72	0	72	6487.79	214
Jan 2010	30	1	72	0	72	6480.70	171
Feb 2010	27	1	65	0	65	6473.04	132
Mar 2010	51	0	72	0	72	6468.12	111
Apr 2010	89	1	83	0	83	6469.30	116
May 2010	176	1	99	2	101	6483.96	190
Jun 2010	308	2	103	93	196	6500.00	299
Jul 2010	186	3	101	41	141	6505.39	341
Aug 2010	83	2	92	0	92	6503.91	329
Sep 2010	49	2	65	0	65	6501.51	310
WY 2010	1120	15	966	136	1103		
Oct 2010	49	1	68	0	68	6498.82	290
Nov 2010	41	1	65	0	65	6495.33	265
Dec 2010	32	1	68	0	68	6489.94	228

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 1/2009 Most Prob Water Supply
 Flaming Gorge Reservoir

12-jan-2009 14:41:21

	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
* Jan 2008	24	43	2	50	0	50	84	6021.15	3020	0	63
H Feb 2008	33	49	2	47	0	47	84	6021.15	3020	0	61
I Mar 2008	59	70	3	50	0	50	84	6021.55	3035	0	141
S Apr 2008	83	71	5	53	0	53	85	6021.85	3045	0	231
T May 2008	176	110	7	101	0	101	85	6021.85	3045	0	793
O Jun 2008	284	161	10	177	0	177	84	6021.15	3020	0	917
R Jul 2008	188	153	12	93	0	93	86	6022.43	3066	0	306
I Aug 2008	48	92	12	92	0	92	85	6022.11	3055	0	132
C Sep 2008	40	67	10	89	0	89	84	6021.25	3024	0	126
WY 2008	1023	943	75	893	10	903					3017
A Oct 2008	45	67	7	71	0	71	83	6020.97	3014	0	119
L Nov 2008	47	66	3	65	0	65	83	6020.91	3012	0	107
* Dec 2008	17	48	2	79	0	79	82	6020.01	2980	0	116
Jan 2009	33	65	2	80	0	80	81	6019.58	2965	0	80
Feb 2009	35	61	2	60	0	60	81	6019.55	2964	0	60
Mar 2009	70	80	3	49	0	49	83	6020.32	2991	0	49
Apr 2009	126	104	5	48	0	48	85	6021.73	3041	0	48
May 2009	234	161	7	122	0	122	86	6022.57	3071	0	122
Jun 2009	355	259	10	160	0	160	89	6024.92	3157	0	160
Jul 2009	195	146	13	87	0	87	91	6026.11	3201	0	87
Aug 2009	89	98	12	87	0	87	91	6026.09	3201	0	87
Sep 2009	56	77	11	84	0	84	90	6025.63	3184	0	84
WY 2009	1303	1233	77	990	0	990					1117
Oct 2009	59	83	7	87	0	87	90	6025.34	3173	0	87
Nov 2009	51	80	3	84	0	84	90	6025.15	3166	0	84
Dec 2009	37	77	2	87	0	87	89	6024.85	3155	0	87
Jan 2010	41	83	2	87	0	87	89	6024.71	3150	0	87
Feb 2010	45	83	2	78	0	78	89	6024.79	3152	0	78
Mar 2010	103	124	3	87	0	87	90	6025.68	3185	0	87
Apr 2010	142	137	5	84	0	84	92	6026.91	3231	0	84
May 2010	263	189	8	167	0	167	93	6027.26	3244	0	167
Jun 2010	400	288	10	156	0	156	97	6030.32	3362	0	156
Jul 2010	219	175	14	111	0	111	99	6031.57	3410	0	111
Aug 2010	97	106	13	111	0	111	99	6031.13	3393	0	111
Sep 2010	58	75	11	107	0	107	97	6030.06	3351	0	107
WY 2010	1516	1499	80	1245	0	1245					1245
Oct 2010	59	78	7	111	0	111	95	6029.07	3313	0	111
Nov 2010	51	76	3	107	0	107	94	6028.19	3280	0	107
Dec 2010	37	72	2	111	0	111	93	6027.18	3241	0	111

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 1/2009 Most Prob Water Supply
Taylor Park Reservoir

12-jan-2009 14:41:21

	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jan 2008	5	4	9315.09	78
H Feb 2008	4	4	9314.99	78
I Mar 2008	4	7	9313.24	75
S Apr 2008	7	19	9305.56	63
T May 2008	36	29	9310.30	70
O Jun 2008	65	40	9324.75	96
R Jul 2008	29	34	9322.03	91
I Aug 2008	12	23	9315.69	79
C Sep 2008	8	15	9311.36	72
WY 2008	186	192		
A Oct 2008	7	7	9311.31	72
L Nov 2008	5	5	9311.19	72
* Dec 2008	6	5	9311.34	72
Jan 2009	4	6	9310.31	70
Feb 2009	4	6	9308.88	68
Mar 2009	5	6	9307.98	67
Apr 2009	9	8	9308.63	68
May 2009	29	20	9314.44	77
Jun 2009	46	24	9326.70	100
Jul 2009	22	22	9326.75	100
Aug 2009	11	22	9320.74	88
Sep 2009	7	15	9316.35	80
WY 2009	155	147		
Oct 2009	6	10	9314.06	77
Nov 2009	5	6	9313.40	75
Dec 2009	4	6	9312.45	74
Jan 2010	4	6	9311.33	72
Feb 2010	4	6	9309.91	70
Mar 2010	4	6	9308.79	68
Apr 2010	8	10	9307.72	66
May 2010	27	14	9315.80	80
Jun 2010	43	22	9327.10	100
Jul 2010	20	22	9326.29	99
Aug 2010	10	20	9321.04	89
Sep 2010	7	15	9316.55	81
WY 2010	143	143		
Oct 2010	6	10	9314.27	77
Nov 2010	5	6	9313.60	76
Dec 2010	4	6	9312.66	74

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 1/2009 Most Prob Water Supply
Blue Mesa Reservoir

12-jan-2009 14:41:21

	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
* Jan 2008	33	33	0	93	0	93	7481.92	520
H Feb 2008	31	31	0	97	0	97	7472.73	454
I Mar 2008	36	39	0	53	0	53	7470.50	439
S Apr 2008	107	119	1	147	0	147	7466.24	411
T May 2008	318	312	1	199	50	250	7475.27	472
O Jun 2008	409	383	1	143	20	163	7503.56	691
R Jul 2008	172	176	1	103	0	103	7511.87	762
I Aug 2008	70	82	1	119	0	119	7507.44	724
C Sep 2008	35	42	1	115	0	115	7498.61	650
WY 2008	1324	1329	8	1287	70	1358		
A Oct 2008	33	33	1	85	0	85	7492.14	598
L Nov 2008	27	28	0	33	0	33	7491.42	592
* Dec 2008	28	27	0	36	0	36	7490.25	583
Jan 2009	25	27	0	54	0	54	7486.68	556
Feb 2009	22	24	0	69	0	69	7480.66	511
Mar 2009	37	38	0	101	0	101	7471.77	448
Apr 2009	81	80	1	106	0	106	7467.85	421
May 2009	235	225	1	72	0	72	7489.05	574
Jun 2009	300	278	1	70	0	70	7513.95	781
Jul 2009	134	134	2	110	0	110	7516.40	803
Aug 2009	66	77	1	122	0	122	7511.26	757
Sep 2009	38	45	1	115	0	115	7502.94	686
WY 2009	1026	1017	8	973	0	973		
Oct 2009	35	39	1	80	0	80	7497.90	644
Nov 2009	31	32	0	50	0	50	7495.60	626
Dec 2009	25	27	0	71	0	71	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	75	1	64	0	64	7476.20	479
May 2010	212	199	1	65	0	65	7493.84	612
Jun 2010	271	250	1	69	0	69	7515.22	792
Jul 2010	121	122	2	110	0	110	7516.40	803
Aug 2010	62	72	1	122	0	122	7510.55	751
Sep 2010	36	44	1	113	0	113	7502.37	681
WY 2010	946	945	9	942	0	942		
Oct 2010	35	39	1	78	0	78	7497.55	641
Nov 2010	31	32	0	48	0	48	7495.50	625
Dec 2010	25	27	0	70	0	70	7490.00	581

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 1/2009 Most Prob Water Supply
Morrow Point Reservoir

12-jan-2009 14:41:21

	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
* Jan 2008	29	93	-4	89	0	87	0	87	7156.26	114
H Feb 2008	26	97	-5	92	0	99	0	99	7146.95	107
I Mar 2008	34	53	-2	52	0	45	0	45	7155.12	113
S Apr 2008	109	147	1	148	0	153	0	153	7149.81	109
T May 2008	343	250	25	275	0	255	24	278	7144.87	105
O Jun 2008	432	163	23	186	0	177	4	180	7152.31	111
R Jul 2008	178	103	6	109	0	108	0	108	7152.94	111
I Aug 2008	71	119	0	120	0	117	0	117	7156.16	114
C Sep 2008	35	115	0	115	0	115	0	115	7155.78	114
WY 2008	1358	1358	34	1392	1	1365	27	1392		
A Oct 2008	33	85	0	85	0	86	0	86	7153.95	112
L Nov 2008	29	33	2	35	0	35	0	35	7153.60	112
* Dec 2008	29	36	2	38	0	39	0	39	7152.11	111
Jan 2009	27	54	2	56	0	55	0	55	7153.73	112
Feb 2009	25	69	3	72	0	72	0	72	7153.73	112
Mar 2009	41	101	4	105	0	105	0	105	7153.73	112
Apr 2009	93	106	12	118	0	118	0	118	7153.73	112
May 2009	263	72	28	100	0	100	0	100	7153.73	112
Jun 2009	323	70	23	93	0	93	0	93	7153.73	112
Jul 2009	141	110	7	117	0	117	0	117	7153.73	112
Aug 2009	70	122	4	126	0	126	0	126	7153.73	112
Sep 2009	40	115	3	118	0	118	0	118	7153.73	112
WY 2009	1115	973	89	1063	0	1064	0	1064		
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	71	2	73	0	73	0	73	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	65	25	90	0	90	0	90	7153.73	112
Jun 2010	292	69	21	90	0	90	0	90	7153.73	112
Jul 2010	127	110	7	117	0	117	0	117	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	942	86	1028	0	1028	0	1028		
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	70	2	72	0	72	0	72	7153.73	112

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 1/2009 Most Prob Water Supply
Crystal Reservoir

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	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Jan 2008	34	87	5	91	77	13	90	6748.45	16	1	94
H Feb 2008	30	99	4	103	72	31	103	6749.17	16	1	108
I Mar 2008	41	45	6	52	52	0	52	6749.59	16	1	54
S Apr 2008	124	153	16	168	127	40	168	6751.31	16	23	150
T May 2008	388	278	45	323	130	191	321	6760.22	19	54	275
O Jun 2008	484	180	52	232	118	116	234	6753.95	17	47	196
R Jul 2008	191	108	13	121	123	0	123	6747.80	15	62	72
I Aug 2008	75	117	5	122	123	0	123	6742.41	14	66	65
C Sep 2008	38	115	3	118	118	0	118	6741.71	14	61	62
WY 2008	1520	1392	162	1554	1164	391	1555			356	1274
A Oct 2008	36	86	3	89	89	0	89	6744.34	15	55	45
L Nov 2008	33	35	4	38	39	0	39	6742.20	14	1	39
* Dec 2008	32	39	3	42	42	0	42	6742.53	14	1	44
Jan 2009	31	55	4	59	56	0	56	6753.04	17	0	56
Feb 2009	29	72	4	76	76	0	76	6753.04	17	0	76
Mar 2009	49	105	8	113	113	0	113	6753.04	17	5	108
Apr 2009	105	118	12	130	130	0	130	6753.04	17	30	100
May 2009	297	100	34	134	134	0	134	6753.04	17	55	79
Jun 2009	360	93	37	130	130	0	130	6753.04	17	60	70
Jul 2009	158	117	17	134	134	0	134	6753.04	17	65	69
Aug 2009	78	126	8	134	134	0	134	6753.04	17	65	69
Sep 2009	47	118	6	125	125	0	125	6753.04	17	55	70
WY 2009	1255	1064	140	1204	1201	0	1201			391	824
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	73	5	78	78	0	78	6753.04	17	0	78
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	90	35	125	125	0	125	6753.04	17	55	70
Jun 2010	330	90	38	128	128	0	128	6753.04	17	60	68
Jul 2010	144	117	17	134	134	0	134	6753.04	17	65	69
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	1028	151	1179	1179	0	1179			365	814
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	72	5	77	77	0	77	6753.04	17	0	77

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 1/2009 Most Prob Water Supply
Vallecito Reservoir

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	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jan 2008	6	4	7645.29	76
H Feb 2008	6	17	7640.08	65
I Mar 2008	11	36	7626.73	39
S Apr 2008	33	29	7628.85	43
T May 2008	77	38	7647.76	82
O Jun 2008	84	43	7663.79	122
R Jul 2008	32	40	7660.68	114
I Aug 2008	15	39	7651.24	90
C Sep 2008	11	31	7642.57	70
WY 2008	305	315		
A Oct 2008	9	14	7640.18	65
L Nov 2008	5	2	7641.75	68
* Dec 2008	5	2	7643.07	71
Jan 2009	4	5	7642.77	70
Feb 2009	4	4	7642.43	70
Mar 2009	7	5	7643.21	71
Apr 2009	25	15	7647.60	81
May 2009	80	55	7657.54	106
Jun 2009	89	70	7664.63	124
Jul 2009	36	43	7661.61	116
Aug 2009	21	43	7652.87	94
Sep 2009	18	33	7646.70	79
WY 2009	303	290		
Oct 2009	13	21	7643.04	71
Nov 2009	8	8	7643.09	71
Dec 2009	6	5	7643.67	72
Jan 2010	5	5	7643.89	73
Feb 2010	5	4	7644.03	73
Mar 2010	8	5	7645.47	76
Apr 2010	22	13	7649.20	85
May 2010	69	43	7659.59	111
Jun 2010	78	66	7663.75	122
Jul 2010	31	43	7658.93	109
Aug 2010	19	40	7650.44	88
Sep 2010	17	31	7644.39	74
WY 2010	281	283		
Oct 2010	13	19	7641.54	68
Nov 2010	8	7	7642.05	69
Dec 2010	6	5	7642.46	70

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 1/2009 Most Prob Water Supply
Navajo Reservoir

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	Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
* Jan 2008	26	0	24	1	0	47	6068.19	1456	69
H Feb 2008	38	0	48	1	0	122	6062.59	1381	160
I Mar 2008	147	6	167	2	6	219	6057.91	1321	284
S Apr 2008	242	27	218	2	21	156	6060.97	1360	240
T May 2008	328	45	243	4	31	149	6065.54	1420	303
O Jun 2008	307	49	214	4	39	221	6061.77	1370	411
R Jul 2008	82	14	74	4	40	32	6061.63	1369	103
I Aug 2008	31	3	51	4	36	40	6059.46	1341	58
C Sep 2008	31	2	49	3	22	45	6057.74	1319	57
WY 2008	1336	146	1204	28	206	1160			1887
A Oct 2008	29	0	34	2	11	33	6056.83	1308	45
L Nov 2008	21	0	17	1	0	30	6055.68	1294	47
* Dec 2008	19	0	16	1	0	31	6054.38	1278	48
Jan 2009	15	0	15	1	0	31	6053.03	1262	31
Feb 2009	27	0	28	1	0	28	6052.93	1260	28
Mar 2009	85	8	75	2	0	31	6056.43	1303	31
Apr 2009	202	12	180	3	17	34	6066.31	1430	34
May 2009	325	37	262	4	29	200	6068.50	1460	200
Jun 2009	287	41	226	4	44	212	6065.94	1425	212
Jul 2009	86	10	84	5	47	31	6066.07	1427	31
Aug 2009	48	8	62	4	39	31	6065.20	1415	31
Sep 2009	45	3	56	3	22	30	6065.31	1417	30
WY 2009	1188	120	1057	28	210	721			766
Oct 2009	38	2	44	2	7	31	6065.65	1421	31
Nov 2009	33	0	32	1	0	30	6065.77	1423	30
Dec 2009	24	0	23	1	0	31	6065.11	1414	31
Jan 2010	22	0	21	1	0	31	6064.34	1404	31
Feb 2010	30	0	30	1	0	28	6064.41	1405	28
Mar 2010	88	2	83	2	4	31	6067.88	1451	31
Apr 2010	174	16	149	3	17	34	6074.72	1547	34
May 2010	279	33	219	4	29	200	6073.74	1533	200
Jun 2010	246	29	206	5	44	212	6069.79	1478	212
Jul 2010	74	7	79	5	47	31	6069.54	1474	31
Aug 2010	43	3	61	4	39	31	6068.61	1461	31
Sep 2010	42	1	55	3	22	30	6068.61	1461	30
WY 2010	1094	93	1002	30	210	718			718
Oct 2010	38	0	44	2	7	31	6068.90	1465	31
Nov 2010	33	0	32	1	1	30	6068.89	1465	30
Dec 2010	24	0	23	1	1	31	6068.19	1456	31

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 1/2009 Most Prob Water Supply
Lake Powell

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	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
* Jan 2008	336	419	7	801	0	801	3590.66	18464	10880	813
H Feb 2008	412	588	8	602	0	602	3590.66	18442	10880	612
I Mar 2008	589	714	13	737	93	830	3589.77	18393	10800	850
S Apr 2008	1003	982	21	678	0	678	3594.09	18280	11195	691
T May 2008	2644	2328	27	790	0	790	3610.81	18174	12812	807
O Jun 2008	3568	3292	49	791	0	791	3631.05	18467	14971	810
R Jul 2008	1691	1412	63	865	0	865	3633.00	18730	15192	887
I Aug 2008	477	584	62	890	0	890	3629.55	18751	14803	914
C Sep 2008	373	539	56	723	0	723	3626.90	18803	14509	738
WY 2008	12355	12326	396	8885	93	8978				9165
A Oct 2008	372	488	38	749	0	749	3623.82	18841	14172	762
L Nov 2008	415	452	36	603	0	603	3621.90	18860	13966	612
* Dec 2008	344	418	28	801	0	801	3617.89	18874	13541	819
Jan 2009	350	438	21	800	0	800	3614.48	18846	13186	800
Feb 2009	375	448	19	600	0	600	3612.94	18833	13028	600
Mar 2009	600	597	24	700	0	700	3611.79	18824	12911	700
Apr 2009	1048	854	27	700	0	700	3612.94	18833	13029	700
May 2009	2379	2046	38	750	0	750	3624.02	18926	14194	750
Jun 2009	3092	2677	46	950	0	950	3637.84	19051	15750	950
Jul 2009	1481	1350	55	1037	0	1037	3639.88	19070	15989	1037
Aug 2009	604	687	56	1037	0	1037	3636.67	19040	15614	1037
Sep 2009	475	590	48	600	0	600	3636.21	19036	15560	600
WY 2009	11535	11046	436	9326	0	9326				9366
Oct 2009	506	581	43	620	0	620	3635.55	19030	15484	620
Nov 2009	523	572	36	600	0	600	3635.04	19025	15425	600
Dec 2009	418	520	30	800	0	800	3632.53	19002	15138	800
Jan 2010	384	488	22	800	0	800	3629.78	18977	14829	800
Feb 2010	395	466	21	700	0	700	3627.66	18958	14593	700
Mar 2010	628	588	26	700	0	700	3626.51	18948	14465	700
Apr 2010	952	777	29	750	0	750	3626.49	18948	14464	750
May 2010	2161	1902	40	800	0	800	3635.22	19027	15446	800
Jun 2010	2808	2401	49	1034	0	1034	3645.54	19124	16667	1034
Jul 2010	1345	1237	57	1100	0	1100	3646.15	19130	16741	1100
Aug 2010	566	671	58	1100	0	1100	3642.42	19094	16290	1100
Sep 2010	459	596	50	600	0	600	3642.00	19090	16240	600
WY 2010	11147	10799	460	9604	0	9604				9604
Oct 2010	506	601	45	620	0	620	3641.50	19085	16181	620
Nov 2010	523	594	37	600	0	600	3641.17	19082	16142	600
Dec 2010	418	544	31	800	0	800	3638.93	19061	15877	800

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 1/2009 Most Prob Water Supply
Hoover Dam - Lake Mead

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	Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Jan 2008	801	88	34	672	10.9	14	659	846	1116.46	13017
H Feb 2008	602	147	32	659	11.5	10	658	849	1116.93	13062
I Mar 2008	830	116	35	1025	16.7	17	1023	841	1115.65	12940
S Apr 2008	678	40	44	1159	19.5	24	1155	810	1110.61	12463
T May 2008	790	49	49	1113	18.1	30	1110	789	1107.05	12132
O Jun 2008	791	44	59	949	15.9	30	949	776	1104.98	11941
R Jul 2008	865	63	73	876	14.2	33	874	773	1104.42	11890
I Aug 2008	890	95	78	804	13.1	34	789	777	1105.13	11955
C Sep 2008	723	77	64	652	11.0	22	642	781	1105.76	12013
WY 2008	8978	913	606	9531		278	9464			
A Oct 2008	749	47	47	508	8.3	26	498	794	1107.94	12213
L Nov 2008	603	73	47	675	11.3	14	659	790	1107.33	12157
* Dec 2008	801	63	41	453	7.4	8	432	812	1110.97	12496
Jan 2009	800	126	34	690	11.2	19	690	823	1112.80	12669
Feb 2009	600	116	31	672	12.1	18	672	823	1112.74	12664
Mar 2009	700	87	35	985	16.0	26	985	807	1110.16	12421
Apr 2009	700	74	43	1083	18.2	23	1083	785	1106.37	12069
May 2009	750	65	48	1017	16.5	32	1017	767	1103.47	11804
Jun 2009	950	16	58	904	15.2	30	904	766	1103.21	11780
Jul 2009	1037	57	73	906	14.7	32	906	771	1104.07	11858
Aug 2009	1037	115	78	827	13.5	33	827	784	1106.26	12059
Sep 2009	600	79	64	710	11.9	28	710	776	1105.00	11944
WY 2009	9326	917	599	9430		288	9383			
Oct 2009	620	68	47	468	7.6	37	468	785	1106.40	12072
Nov 2009	600	68	47	492	8.3	25	492	791	1107.45	12168
Dec 2009	800	61	41	510	8.3	20	510	809	1110.38	12441
Jan 2010	800	126	34	679	11.1	19	679	821	1112.32	12624
Feb 2010	700	116	31	662	11.9	18	662	827	1113.36	12722
Mar 2010	700	87	35	1002	16.3	26	1002	810	1110.61	12463
Apr 2010	750	74	43	1083	18.2	23	1083	790	1107.32	12157
May 2010	800	65	49	1011	16.4	32	1011	776	1105.01	11944
Jun 2010	1034	16	59	903	15.2	30	903	780	1105.61	12000
Jul 2010	1100	57	74	905	14.7	32	905	789	1107.11	12137
Aug 2010	1100	115	79	826	13.4	33	826	806	1109.91	12398
Sep 2010	600	79	65	706	11.9	28	706	799	1108.70	12285
WY 2010	9604	931	603	9247		322	9247			
Oct 2010	620	68	48	464	7.5	37	464	807	1110.11	12416
Nov 2010	600	68	48	527	8.9	25	527	811	1110.78	12479
Dec 2010	800	61	41	545	8.9	20	545	827	1113.33	12719

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 1/2009 Most Prob Water Supply
 Davis Dam - Lake Mohave

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	Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Jan 2008	672	-27	547	0	547	8.9	641.68	1663
H Feb 2008	659	-12	717	0	717	12.5	639.09	1593
I Mar 2008	1025	-26	974	0	974	15.8	640.01	1618
S Apr 2008	1159	-23	1104	0	1104	18.6	641.20	1650
T May 2008	1113	-45	993	0	993	16.2	643.95	1725
O Jun 2008	949	-34	932	0	932	15.7	643.36	1709
R Jul 2008	876	-23	896	0	896	14.6	641.79	1666
I Aug 2008	804	-26	798	0	798	13.0	641.06	1646
C Sep 2008	652	-15	698	0	698	11.7	638.80	1585
WY 2008	9531	-285	9205	0	9205			
A Oct 2008	508	-18	632	0	632	10.3	633.37	1444
L Nov 2008	675	-23	603	0	603	10.1	635.28	1493
* Dec 2008	453	-23	339	0	339	5.5	638.77	1585
Jan 2009	690	-20	569	0	569	9.3	642.50	1685
Feb 2009	672	-14	658	0	658	11.8	642.50	1685
Mar 2009	985	-25	945	0	945	15.4	643.05	1700
Apr 2009	1083	-30	1054	0	1054	17.7	643.01	1699
May 2009	1017	-33	984	0	984	16.0	643.01	1699
Jun 2009	904	-27	904	0	904	15.2	642.00	1671
Jul 2009	906	-25	895	0	895	14.6	641.50	1658
Aug 2009	827	-25	803	0	803	13.1	641.50	1658
Sep 2009	710	-18	785	0	785	13.2	638.00	1564
WY 2009	9430	-281	9170	0	9170			
Oct 2009	468	-2	595	0	595	9.7	633.00	1434
Nov 2009	492	-16	451	0	451	7.6	634.00	1460
Dec 2009	510	-19	369	0	369	6.0	638.71	1583
Jan 2010	679	-20	576	0	576	9.4	641.80	1666
Feb 2010	662	-14	647	0	647	11.7	641.80	1666
Mar 2010	1002	-25	943	0	943	15.3	643.05	1700
Apr 2010	1083	-30	1055	0	1055	17.7	643.01	1699
May 2010	1011	-33	978	0	978	15.9	643.01	1699
Jun 2010	903	-27	903	0	903	15.2	642.00	1671
Jul 2010	905	-25	893	0	893	14.5	641.50	1658
Aug 2010	826	-25	801	0	801	13.0	641.50	1658
Sep 2010	706	-18	781	0	781	13.1	638.00	1564
WY 2010	9247	-253	8994	0	8994			
Oct 2010	464	-2	592	0	592	9.6	633.00	1434
Nov 2010	527	-16	486	0	486	8.2	634.00	1460
Dec 2010	545	-19	403	0	403	6.6	638.71	1583

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 1/2009 Most Prob Water Supply
 Parker Dam - Lake Havasu

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	Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
* Jan 2008	547	5	306	5.0	82	167	446.67	555	132	2.1
H Feb 2008	717	-11	486	8.4	67	157	446.44	551	155	2.7
I Mar 2008	974	-15	744	12.1	46	168	446.47	551	205	3.3
S Apr 2008	1104	-10	838	14.1	76	166	447.25	566	202	3.4
T May 2008	993	-11	684	11.1	97	172	448.84	596	113	1.8
O Jun 2008	932	-25	691	11.6	94	126	448.62	592	115	1.9
R Jul 2008	896	-18	728	11.8	87	78	447.86	577	122	2.0
I Aug 2008	798	-2	635	10.3	82	65	448.54	590	109	1.8
C Sep 2008	698	-10	519	8.7	82	94	448.19	584	99	1.7
WY 2008	9205	-80	6692		803	1623			1560	
A Oct 2008	632	3	452	7.4	77	136	446.55	553	84	1.4
L Nov 2008	603	16	379	6.4	53	168	447.54	571	118	2.0
* Dec 2008	339	15	236	3.8	67	65	446.81	558	139	2.3
Jan 2009	569	23	318	5.2	99	172	447.00	561	119	1.9
Feb 2009	658	32	444	8.0	89	156	447.00	561	149	2.7
Mar 2009	945	31	719	11.7	84	172	447.00	561	206	3.4
Apr 2009	1054	-4	769	12.9	81	167	448.71	594	200	3.4
May 2009	984	-14	712	11.6	84	173	448.71	594	113	1.8
Jun 2009	904	-24	672	11.3	81	126	448.71	594	115	1.9
Jul 2009	895	-17	729	11.9	84	79	448.00	580	119	1.9
Aug 2009	803	-11	636	10.3	84	81	447.50	571	93	1.5
Sep 2009	785	-12	571	9.6	61	154	446.81	557	89	1.5
WY 2009	9170	36	6638		946	1649			1544	
Oct 2009	595	3	466	7.6	23	119	446.31	548	74	1.2
Nov 2009	451	11	378	6.4	17	63	446.50	552	103	1.7
Dec 2009	369	10	315	5.1	18	46	446.50	552	119	1.9
Jan 2010	576	23	345	5.6	87	168	446.50	552	119	1.9
Feb 2010	647	32	449	8.1	79	151	446.50	552	154	2.8
Mar 2010	943	31	715	11.6	87	168	446.70	555	204	3.3
Apr 2010	1055	-4	766	12.9	84	163	448.71	594	199	3.3
May 2010	978	-14	708	11.5	87	169	448.71	594	111	1.8
Jun 2010	903	-24	672	11.3	84	123	448.71	594	116	1.9
Jul 2010	893	-17	726	11.8	87	77	448.00	580	119	1.9
Aug 2010	801	-11	633	10.3	87	79	447.50	571	93	1.5
Sep 2010	781	-12	569	9.6	63	150	446.81	557	89	1.5
WY 2010	8994	26	6742		804	1474			1501	
Oct 2010	592	3	464	7.5	24	116	446.31	548	74	1.2
Nov 2010	486	11	377	6.3	24	92	446.50	552	103	1.7
Dec 2010	403	10	313	5.1	25	75	446.50	552	118	1.9

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 1/2009 Most Prob Water Supply
Hoover Dam - Lake Mead

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	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Jan 2008	672	10.9	1116.46	13017	158	0.00	1175.0	268.3	69	399.2
H Feb 2008	659	11.5	1116.93	13062	45	0.00	1101.0	266.5	63	404.5
I Mar 2008	1025	16.7	1115.65	12940	-123	0.00	1212.0	420.7	70	410.6
S Apr 2008	1159	19.5	1110.61	12463	-477	0.00	1393.0	475.9	81	410.7
T May 2008	1113	18.1	1107.05	12132	-331	0.00	1482.0	445.7	87	400.5
O Jun 2008	949	15.9	1104.98	11941	-190	0.00	1694.0	371.6	100	391.7
R Jul 2008	876	14.2	1104.42	11890	-51	0.00	1672.0	344.2	100	392.8
I Aug 2008	804	13.1	1105.13	11955	65	0.00	1678.0	316.2	100	393.1
C Sep 2008	652	11.0	1105.76	12013	58	0.00	1677.0	252.9	100	387.9
WY 2008	9530							3790.6		
A Oct 2008	508	8.3	1107.94	12213	201	0.00	1038.0	188.5	61	370.8
L Nov 2008	675	11.3	1107.33	12157	-56	0.00	926.0	263.1	55	389.9
* Dec 2008	453	7.4	1110.97	12496	339	0.00	1523.0	171.3	88	377.7
Jan 2009	690	11.2	1112.80	12669	173	462.46	1305.0	283.7	75	411.1
Feb 2009	672	12.1	1112.74	12664	-5	462.10	1308.0	279.0	75	415.2
Mar 2009	985	16.0	1110.16	12421	-243	462.79	950.0	422.5	55	429.0
Apr 2009	1083	18.2	1106.37	12069	-351	457.11	1295.0	454.6	76	419.9
May 2009	1017	16.5	1103.47	11804	-265	451.92	1565.0	411.1	94	404.1
Jun 2009	904	15.2	1103.21	11780	-24	450.00	1649.0	364.9	100	403.8
Jul 2009	906	14.7	1104.07	11858	78	450.78	1641.0	364.9	100	402.7
Aug 2009	827	13.5	1106.26	12059	201	452.46	1642.0	338.0	100	408.5
Sep 2009	710	11.9	1105.00	11944	-115	454.06	1638.0	286.5	100	403.7
WY 2009	9430							3828.1		
Oct 2009	468	7.6	1106.40	12072	128	459.59	1143.0	189.8	70	406.0
Nov 2009	492	8.3	1107.45	12168	97	461.14	1339.0	201.7	81	409.9
Dec 2009	510	8.3	1110.38	12441	273	461.64	1345.0	209.5	81	410.5
Jan 2010	679	11.1	1112.32	12624	183	461.47	1363.0	277.2	81	407.9
Feb 2010	662	11.9	1113.36	12722	98	461.79	1393.0	272.9	83	412.4
Mar 2010	1002	16.3	1110.61	12463	-259	461.22	1277.0	417.2	76	416.3
Apr 2010	1083	18.2	1107.32	12157	-305	456.58	1453.0	450.2	88	415.5
May 2010	1011	16.4	1105.01	11944	-213	452.47	1654.0	407.3	100	402.7
Jun 2010	903	15.2	1105.61	12000	55	451.95	1654.0	365.9	100	405.3
Jul 2010	905	14.7	1107.11	12137	138	453.49	1654.0	366.2	100	404.8
Aug 2010	826	13.4	1109.91	12398	260	455.79	1654.0	339.5	100	411.1
Sep 2010	706	11.9	1108.70	12285	-113	457.72	1654.0	286.7	100	406.2
WY 2010	9247							3784.0		
Oct 2010	464	7.5	1110.11	12416	131	463.28	1150.0	189.4	70	408.1
Nov 2010	527	8.9	1110.78	12479	63	464.65	1347.1	212.4	81	403.3
Dec 2010	545	8.9	1113.33	12719	240	464.77	1337.7	219.8	81	403.5

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 1/2009 Most Prob Water Supply
 Davis Dam - Lake Mohave

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	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Jan 2008	547	8.9	641.68	1663	98	0.00	157.9	67.9	62	124.1
H Feb 2008	717	12.5	639.09	1593	-70	0.00	191.7	88.7	75	123.8
I Mar 2008	974	15.8	640.01	1618	25	0.00	227.0	120.5	89	123.7
S Apr 2008	1104	18.6	641.20	1650	32	0.00	255.0	135.8	100	123.0
T May 2008	993	16.2	643.95	1725	75	0.00	255.0	123.5	100	124.4
O Jun 2008	932	15.7	643.36	1709	-16	0.00	255.0	117.8	100	126.5
R Jul 2008	896	14.6	641.79	1666	-43	0.00	255.0	111.7	100	124.6
I Aug 2008	798	13.0	641.06	1646	-20	0.00	255.0	98.5	100	123.4
C Sep 2008	698	11.7	638.80	1585	-61	0.00	255.0	86.5	100	123.9
WY 2008	9205							1137.7		
A Oct 2008	632	10.3	633.37	1444	-141	0.00	211.7	74.9	83	118.6
L Nov 2008	603	10.1	635.28	1493	49	0.00	186.2	71.8	73	119.1
* Dec 2008	339	5.5	638.77	1585	91	0.00	163.2	42.1	64	124.2
Jan 2009	569	9.3	642.50	1685	100	136.61	155.5	71.3	61	125.1
Feb 2009	658	11.8	642.50	1685	0	137.63	181.0	82.8	71	125.9
Mar 2009	945	15.4	643.05	1700	15	136.62	224.4	118.1	88	125.0
Apr 2009	1054	17.7	643.01	1699	-1	136.08	255.0	131.2	100	124.5
May 2009	984	16.0	643.01	1699	0	136.05	255.0	123.0	100	125.0
Jun 2009	904	15.2	642.00	1671	-28	135.52	255.0	112.8	100	124.8
Jul 2009	895	14.6	641.50	1658	-14	134.73	255.0	111.2	100	124.3
Aug 2009	803	13.1	641.50	1658	0	134.46	255.0	100.0	100	124.6
Sep 2009	785	13.2	638.00	1564	-94	132.63	255.0	96.5	100	122.9
WY 2009	9170							1135.7		
Oct 2009	595	9.7	633.00	1434	-130	128.15	255.0	71.6	100	120.4
Nov 2009	451	7.6	634.00	1460	26	126.54	237.2	53.8	93	119.4
Dec 2009	369	6.0	638.71	1583	123	129.92	224.4	45.2	88	122.6
Jan 2010	576	9.4	641.80	1666	83	134.24	216.8	71.9	85	124.7
Feb 2010	647	11.7	641.80	1666	0	136.16	206.6	81.1	81	125.3
Mar 2010	943	15.3	643.05	1700	34	135.44	255.0	117.5	100	124.7
Apr 2010	1055	17.7	643.01	1699	-1	136.08	255.0	131.3	100	124.5
May 2010	978	15.9	643.01	1699	0	136.05	255.0	122.3	100	125.0
Jun 2010	903	15.2	642.00	1671	-28	135.52	255.0	112.7	100	124.8
Jul 2010	893	14.5	641.50	1658	-14	134.73	255.0	111.0	100	124.3
Aug 2010	801	13.0	641.50	1658	0	134.46	255.0	99.8	100	124.6
Sep 2010	781	13.1	638.00	1564	-94	132.63	255.0	96.1	100	123.0
WY 2010	8994							1114.4		
Oct 2010	592	9.6	633.00	1434	-130	129.48	209.1	71.2	82	120.4
Nov 2010	486	8.2	634.00	1460	26	126.99	221.8	57.9	87	119.1
Dec 2010	403	6.6	638.71	1583	123	129.55	237.2	49.3	93	122.4

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 1/2009 Most Prob Water Supply
 Parker Dam - Lake Havasu

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	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Jan 2008	306	5.0	446.67	555	-2	0.00	85.2	20.3	71	66.5
H Feb 2008	486	8.4	446.44	551	-4	0.00	90.0	32.6	75	67.2
I Mar 2008	744	12.1	446.47	551	1	0.00	90.0	49.8	75	67.0
S Apr 2008	838	14.1	447.25	566	14	0.00	90.0	55.0	75	65.6
T May 2008	684	11.1	448.84	596	30	0.00	90.0	46.4	75	67.9
O Jun 2008	691	11.6	448.62	592	-4	0.00	90.0	47.3	75	68.4
R Jul 2008	728	11.8	447.86	577	-14	0.00	90.0	48.9	75	67.3
I Aug 2008	635	10.3	448.54	590	13	0.00	105.6	41.9	88	66.0
C Sep 2008	519	8.7	448.19	584	-7	0.00	91.2	38.6	76	74.3
WY 2008	6692							453.4		
A Oct 2008	452	7.4	446.55	553	-31	0.00	90.0	31.2	75	68.9
L Nov 2008	379	6.4	447.54	571	18	0.00	90.0	26.2	75	69.1
* Dec 2008	236	3.8	446.81	558	-14	0.00	85.2	15.3	71	64.7
Jan 2009	318	5.2	447.00	561	3	76.39	78.0	20.6	65	64.7
Feb 2009	444	8.0	447.00	561	0	75.81	90.0	29.2	75	65.8
Mar 2009	719	11.7	447.00	561	0	74.55	116.4	47.0	97	65.4
Apr 2009	769	12.9	448.71	594	32	75.23	120.0	50.8	100	66.1
May 2009	712	11.6	448.71	594	0	76.06	120.0	47.4	100	66.5
Jun 2009	672	11.3	448.71	594	0	76.06	120.0	44.7	100	66.5
Jul 2009	729	11.9	448.00	580	-14	75.72	120.0	48.3	100	66.3
Aug 2009	636	10.3	447.50	571	-10	75.13	120.0	41.7	100	65.6
Sep 2009	571	9.6	446.81	557	-13	75.95	90.0	37.9	75	66.4
WY 2009	6638							440.2		
Oct 2009	466	7.6	446.31	548	-9	75.37	90.0	30.4	75	65.3
Nov 2009	378	6.4	446.50	552	3	75.41	86.4	24.5	72	64.8
Dec 2009	315	5.1	446.50	552	0	75.65	84.0	20.2	70	64.1
Jan 2010	345	5.6	446.50	552	0	75.51	86.4	22.2	72	64.4
Feb 2010	449	8.1	446.50	552	0	75.19	92.4	29.3	77	65.3
Mar 2010	715	11.6	446.70	555	4	74.01	120.0	46.4	100	65.0
Apr 2010	766	12.9	448.71	594	38	75.09	120.0	50.5	100	66.0
May 2010	708	11.5	448.71	594	0	76.06	120.0	47.1	100	66.5
Jun 2010	672	11.3	448.71	594	0	76.06	120.0	44.7	100	66.5
Jul 2010	726	11.8	448.00	580	-14	75.72	120.0	48.1	100	66.3
Aug 2010	633	10.3	447.50	571	-10	75.13	120.0	41.5	100	65.6
Sep 2010	569	9.6	446.81	557	-13	74.55	120.0	37.0	100	65.0
WY 2010	6742							442.0		
Oct 2010	464	7.5	446.31	548	-9	74.43	109.2	29.9	91	64.4
Nov 2010	377	6.3	446.50	552	3	74.29	109.2	24.1	91	63.8
Dec 2010	313	5.1	446.50	552	0	74.38	109.2	19.7	91	63.1

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 1/2009 Most Prob Water Supply
Upper Basin Power

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	Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* Jan 2008	330	19	25	31	15	2
H Feb 2008	247	18	26	35	14	2
I Mar 2008	299	19	14	16	9	2
Winter 2008	1714	110	126	156	80	14
S Apr 2008	280	20	38	55	23	2
T May 2008	333	39	52	92	23	4
O Jun 2008	348	68	40	63	22	7
R Jul 2008	390	36	31	39	23	9
I Aug 2008	400	36	36	42	22	8
C Sep 2008	323	34	34	41	21	5
Summer 2008	2075	233	232	331	134	35
A Oct 2008	334	27	25	30	17	5
L Nov 2008	267	25	9	12	6	4
* Dec 2008	355	30	10	14	7	2
Jan 2009	327	29	16	20	9	4
Feb 2009	244	22	20	26	13	4
Mar 2009	284	18	29	38	20	4
Winter 2009	1810	151	109	140	72	23
Apr 2009	284	17	29	42	22	4
May 2009	308	44	21	36	23	7
Jun 2009	399	58	21	33	22	9
Jul 2009	442	32	35	42	23	10
Aug 2009	442	32	38	45	23	9
Sep 2009	255	31	36	43	22	6
Summer 2009	2130	213	180	242	136	45
Oct 2009	263	32	24	30	15	7
Nov 2009	254	31	15	19	10	6
Dec 2009	338	32	21	26	13	6
Jan 2010	336	32	21	27	14	6
Feb 2010	293	28	18	24	12	5
Mar 2010	292	32	18	24	13	5
Winter 2010	1774	185	117	150	77	34
Apr 2010	312	31	18	27	15	5
May 2010	336	61	19	33	22	7
Jun 2010	442	57	21	32	22	9
Jul 2010	475	41	35	42	23	10
Aug 2010	473	41	38	45	23	9
Sep 2010	257	39	35	42	21	6
Summer 2010	2295	270	166	221	126	46
Oct 2010	266	41	24	29	15	6
Nov 2010	257	39	14	18	10	6
Dec 2010	342	40	21	26	13	6

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FLOOD CONTROL CRITERIA
 BEGINNING OF MONTH CONDITIONS

MON	YEAR	FLAMING	BLUE		LAKE	UPPER			FLAMING	BLUE		TOT OR			BOM	MEAD	MEAD				
		GORGE	MESA	NAVAJO	POWELL	BASIN	LAKE	TOTAL	MEAD	TOTAL	GORGE	MESA	NAVAJO	ALLOW	POWELL	MEAD	TOTAL	REQD	SCHED	FC	SYS
		KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	MAF	
		* * * * P R E D I C T E D S P A C E * * * *										* * * * C R E D I T A B L E S P A C E * * * *									
JAN	2009	934	246	418	10779	12378	14884	27261	934	246	418	1599	10779	14884	27261	5350	690	0	33.2		
		* * * * E F F E C T I V E S P A C E * * * *																			
JAN	2009	934	246	418	10779	12378	14884	27261	443	246	304	994	10779	14884	26656	5350	690	0	33.2		
FEB	2009	982	274	434	11134	12824	14711	27535	490	274	320	1083	11134	14711	26928	1500	672	0	33.0		
MAR	2009	1010	319	436	11292	13056	14716	27772	515	319	320	1153	11292	14716	27162	1500	985	0	32.6		
APR	2009	994	382	393	11409	13177	14959	28137	494	382	275	1151	11409	14959	27520	1500	1083	0	32.6		
MAY	2009	922	408	266	11291	12887	15311	28198	416	408	129	953	11291	15311	27555	1500	1017	0	33.8		
JUN	2009	820	256	236	10126	11438	15576	27014	304	254	67	625	10126	15576	26327	1500	904	0	35.7		
JUL	2009	641	49	271	8570	9531	15600	25130	108	24	53	185	8570	15600	24355	1500	906	0	36.1		
		* * * * C R E D I T A B L E S P A C E * * * *																			
AUG	2009	550	27	269	8331	9177	15522	24699	550	27	269	846	8331	15522	24699	1500	827	0	35.8		
SEP	2009	562	73	281	8706	9622	15321	24943	562	73	281	915	8706	15321	24943	2270	710	0	35.4		
OCT	2009	602	144	279	8760	9784	15436	25221	602	144	279	1025	8760	15436	25221	3040	468	0	35.3		
NOV	2009	637	185	275	8836	9933	15308	25242	637	185	275	1097	8836	15308	25242	3810	492	0	35.3		
DEC	2009	674	204	273	8895	10046	15212	25257	674	204	273	1150	8895	15212	25257	4580	510	0	35.3		
JAN	2010	725	248	282	9182	10437	14939	25376	725	248	282	1255	9182	14939	25376	5350	679	0	35.1		
		* * * * E F F E C T I V E S P A C E * * * *																			
JAN	2010	725	248	282	9182	10437	14939	25376	444	248	220	913	9182	14939	25034	5350	679	0	35.1		
FEB	2010	773	295	292	9491	10852	14756	25609	490	295	230	1016	9491	14756	25263	1500	662	0	34.9		
MAR	2010	809	334	291	9727	11161	14658	25820	523	334	228	1085	9727	14658	25471	1500	1002	0	34.6		
APR	2010	797	361	245	9855	11257	14917	26175	507	361	175	1043	9855	14917	25815	1500	1083	0	34.5		
MAY	2010	746	351	149	9856	11102	15223	26325	448	351	60	859	9856	15223	25939	1500	1011	0	35.5		
JUN	2010	660	218	163	8874	9914	15436	25350	353	213	41	607	8874	15436	24917	1500	903	0	37.1		
JUL	2010	433	38	218	7653	8342	15380	23722	109	11	48	167	7653	15380	23200	1500	905	0	37.4		
		* * * * C R E D I T A B L E S P A C E * * * *																			
AUG	2010	343	27	222	7579	8171	15243	23413	343	27	222	592	7579	15243	23413	1500	826	0	37.1		
SEP	2010	372	79	235	8030	8715	14982	23697	372	79	235	685	8030	14982	23697	2270	706	0	36.7		
OCT	2010	432	149	235	8080	8895	15095	23990	432	149	235	815	8080	15095	23990	3040	464	0	36.5		
NOV	2010	490	188	231	8139	9048	14964	24012	490	188	231	909	8139	14964	24012	3810	527	0	36.5		
DEC	2010	549	205	231	8178	9163	14901	24063	549	205	231	985	8178	14901	24063	4580	545	0	36.4		