October 24-Month Study
Date: October 8, 2010

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

Current Reservoir Status

Reservoir	September Inflow (unregulated) (acre-feet)	Percent of Average (%)	October 6 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	29,000	54	6496.36	272,000
Flaming Gorge	22,000	34	6024.65	3,147,000
Blue Mesa	23,000	63	7491.30	591,000
Navajo	24,000	61	6064.33	1,404,000
Powell	276,000	58	3634.08	15,315,000

Expected Operations

The operation of Lake Powell and Lake Mead in this October 2010 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 2010 Annual Operating Plan (AOP) and draft 2011 AOP. Pursuant to the Interim Guidelines, the August 2010 24-Month Study projections of the January 1, 2011 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2011.

The Lake Powell operational tier for water year 2011 is the Upper Elevation Balancing Tier. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar years 2010 and 2011.

Consistent with Section 6.B.4 of the Interim Guidelines, if the April 24-Month study projects the September 30 Lake Mead elevation to be below 1,075 feet and the September 30, Lake Powell elevation to be at or above 3,575 feet, the Secretary shall balance the contents of Mead and Powell but release not more than 9.0 maf. Consistent with this provision, the October 24-Month Study projects such an adjustment to occur in April, resulting in a water year release from Lake Powell of 9.0 maf.

Based on analysis of a range of inflow scenarios, the current probability of an April adjustment to operation of Lake Powell being governed by the Equalization Tier in 2011 is approximately 50 percent.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2010 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/AOP2010/AOP10.pdf.
The draft 2011 AOP is available for download at
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP11_draft.pdf.

Fontenelle Reservoir – Inflows for the month of September were 29,000 acre-feet, or 54% of average. The reservoir elevation is 6496.5 feet above sea level and 81% of capacity. Current inflows are approximately 430cfs and reservoir releases are 1,000 cfs. Releases will likely be close to 1,000 for the fall and winter months. The reservoir elevation will continue to decline through the fall and winter.

The Colorado Basin River Forecast Center has updated the water year 2011 (October 2010 to September 2011) forecast. At this early point, inflows over the next year are expected to be 72% of average. Inflows over the next three months are forecasted to be well below average: 34,000 acre-ft (65%), 31,000 acre-ft (70%) and 27,000 acre-ft (82%), for October, November, and December respectively.

The next Fontenelle Working Group meeting is scheduled for April 21, 2011 at 10:00 am at the Seedskadee National Wildlife Refuge Visitor Center. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – September observed unregulated inflow into Flaming Gorge reservoir was 22,000 acre-feet (AF), or 34 percent of average inflow. The September end of month elevation was 6024.8 feet, which equates to 3.15 million acre-feet or 84 percent of live storage capacity. Releases out of Flaming Gorge for the base flow period are decreasing to a winter daily average release of 1,050 cfs. It is anticipated that they will remain at this level until the end of February, when releases will be reduced to steady 800 cfs flows from the beginning of March until spring runoff occurs sometime in mid- to late-May 2011.

Yampa River flows during the base flow period impact the hourly release schedule from Flaming Gorge because flows must remain within 0.1 meter stage change at Jensen, Utah. As Yampa River flows decrease, the Flaming Gorge release schedule will change. The hourly release schedule will be communicated as it changes throughout the base flow period.

The next Flaming Gorge Working Group meeting is scheduled for April 26, 2011 at 7:00 p.m. in a location to be determined. 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 Unit Reservoirs - September unregulated inflow into Blue Mesa Reservoir was 23,000 acre-feet or 63 percent of average. Precipitation during September was observed to be about 65 percent of average. The current inflow rate into Blue Mesa Reservoir is about 560 cfs and reservoir releases are averaging about 1,700 cfs. Blue Mesa's present elevation is 7491.3 feet, which corresponds to a storage content of about 591,000 acre-feet. The unregulated reservoir inflow into Blue Mesa Reservoir during water year 2010 was 725,000 acre-feet, or about 77 percent of average.

Releases from Crystal are currently set at 1800 cfs. The current diversion rate through the Gunnison Diversion Tunnel is about 1,000 cfs, which results in a river flow below the diversion tunnel of approximately 800 cfs. As the irrigation season comes to a close decreases in Crystal releases will occur as the demand for irrigation water is reduced and the Gunnison Tunnel flows are shut off. Because of drier than average conditions in the basin, flows in the Gunnison River below the tunnel will be gradually reduced to 500 to 600 cfs through the late fall and early winter months.

The last meeting of the "Aspinall Unit Working Group" was held on Thursday September 2nd in the Elk Creek Visitors Center at Blue Mesa Reservoir. Spring and summer operations were reviewed and future fall and winter reservoir operations 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 forecasted cooler, wetter conditions in the San Juan River Basin, the Bureau of Reclamation decreased the release from Navajo Reservoir to 650 cubic cfs on Monday, October 4, 2010. 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).

This scheduled release change is subject to changes in river flows and weather conditions. Reclamation will continue to closely monitor weather and stream flow conditions and make adjustments to the Navajo Reservoir release as necessary.

Precipitation for the month of September in the San Juan River basin was about 65 percent of average. Unregulated inflow into Navajo Reservoir during the month of September was 24,000 acre-feet, or 61 percent of average. Currently, the daily reservoir inflow is averaging about 450 cfs. Diversions for NIIP are currently 300 cfs. The reservoir water surface elevation is at 6064.33 feet, which corresponds to a storage content of about 1,404,000 acre-feet.

The unregulated reservoir inflow into Navajo Reservoir during water year 2010 was recorded at 766,000 acre-feet, or about 76 percent of average. The reservoir had a seasonal peak elevation of 6075.53 feet on June 15, 2010. There was no spring peak release provided this runoff season because of low spring inflows.

A public meeting on Navajo Reservoir operations was held on Tuesday, August 24, 2010 at 1:00 p.m. in Farmington, New Mexico. At this meeting, review of last spring and summer reservoir operations, and plans for this fall and winter operations were discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Pat Page in Reclamation's Durango, Colorado Office at (970) 385-6560 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell –During September 2010 the unregulated inflow volume to Lake Powell was 276 kaf (58% of average). This was be approximately 124 kaf below what was projected in the September 24-Month Study and as a result the elevation of Lake Powell at the end of September was about 1 foot lower than what was projected. The September 30th elevation of Lake Powell was 3633.66 feet above sea level which corresponds to a live storage of approximately 15.27 maf and 62.8% of the full capacity of 24.32 maf.

On September 1, 2010 and continuing through October 31, 2010, the releases from Glen Canyon Dam will be steady with no fluctuations for power production (excluding system regulation and spinning reserves) for the steady flow experiment pursuant to the February 2008 Finding of No Significant Impact 'Experimental Releases from Glen Canyon Dam, Arizona 2008 through 2012'. This will be the third year of steady flows of the 5 year experiment. The steady release rate for this year is 8,000 cfs which is equivalent to a monthly release volume of approximately 476,000 acre-feet in September 2010 and 492,000 acre-feet in October 2010.

During the steady flow experiment the instantaneous releases from Glen Canyon Dam may fluctuate somewhat to provide approximately 40 megawatts of system regulation to maintain stable conditions within the electrical generation and transmission system. This translates into momentary release fluctuations within a range that is 1100 cfs above or below the targeted steady release target of 8000 cfs. These momentary fluctuations for regulation are very short lived and typically balance out over the hour. Spinning and non-spinning reserve generation will also be carried at Glen Canyon Dam during the steady flow experiment. When an unanticipated outage event occurs in the generation system, reserve generation at Glen Canyon Dam can also be called upon up to a limit of 83 megawatts (approximately 2,250 cfs of release) for a duration of 2 hours or less. Under normal circumstances, calls for reserve generation occur fairly infrequently and are for much less than the limit of 83 megawatts.

The August 2010 24-Month Study (most probable inflow scenario) projected the January 1, 2011 elevation of Lake Powell to be 3628.73 feet. Pursuant to the Interim Guidelines and based on this August projection, the operational tier for water year 2011 will be the Upper Elevation Balancing Tier. Under the Upper Elevation Balancing Tier, there is a possibility that the annual release volume from Lake Powell could be 8.23 maf. There is also a possibility under this tier that Equalization or Balancing could occur in 2011 which would result in an annual release volume greater than 8.23 maf.

The possibility of Equalization or Balancing in 2011 is dependent on the reservoir conditions projected in the April 2011 24-Month Study under the most probable inflow scenario and with 8.23 maf projected for release from Lake Powell during water year 2011. For this reason it will not be known for certain whether Equalization or Balancing will occur in water year 2011 until April 2011. 24-Month Studies prior to April 2011 can project that Equalization or Balancing are likely to occur, but these projections are subject to change with changes in the forecasted hydrology of the Colorado River Basin. It is possible that a relatively small change in forecasted hydrology can have a large impact on the projected annual release volume.

The October 2010 24-Month Study with the most probable inflow and an 8.23 maf release does project that a shift to Balancing is likely to occur in April 2011. For this reason, the projected most probable annual release volume for water year 2011in this 24-Month Study is 9.00 maf. However, given the current range of uncertainty of the forecasted hydrology for 2011, it is still possible that Equalization could occur in water year 2011. Analysis of the probable range of inflows that could occur during water year 2011 indicate that the probability of Equalization occurring in 2011 is currently about 50%.

The current inflow forecast for Lake Powell projects the most probable unregulated inflow volumes for the next 3 months as follows: October-375 kaf (69% of average; November-400 kaf (73% of average); December-375 kaf (86% of average). The outlook for water year 2011 (dated October 3, 2010) projected the most probable unregulated inflow volume to Lake Powell during water year 2011 to be 9.60 maf (80% of average). It is possible that the unregulated volume of inflow to Lake Powell in water year 2011 will be greater than or less than the most probable projection. The probable range of unregulated inflow volumes to Lake Powell during water year 2011 is currently projected to be as dry as 4.5 maf (37% of average) to as wet as 15.8 maf (131% of average).

Upper Colorado River Basin Hydrology

In the Upper Colorado River Basin during water year 2009, the overall precipitation accumulated through September 30, 2009 was approximately 95% of average based on the 30 year average for the period from 1971 through 2000. The overall estimated precipitation percentage of average for water year 2010 for the Upper Colorado River Basin is 89% of average.

The Climate Prediction Center outlook (dated September 16, 2010) for temperature over the next 3 months indicates that temperatures in the Upper Colorado River Basin are expected to be above average while precipitation over the next 3 months is projected to be below average.

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 years 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, 2008 and 2009, drought conditions eased somewhat with net gains in storage to Lake Powell. As of October 1, 2010 the storage in Lake Powell was 15.26 million acre-feet (62.7 % of capacity) which is still below desired levels while the overall reservoir storage in the Colorado River Basin as of October 1, 2010 is 33.05 million acre-feet (55.6 % 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

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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

:	Obs			sep	Forecast		
:	jun	jul	aug	sep	%Avg	oct	nov	dec
GLDA3:Lake Powell	2777	674	505	276	58%:	375/	400/	375/
GBRW4:Fontenelle	251	134	50	29	54%:	34/	31/	27/
GRNU1:Flaming Gorge	387	151	54	22	34%:	38/	38/	34/
BMDC2:Blue Mesa	205	50	56	23	63%:	29/	27/	23/
MPSC2:Morrow Point	216	51	56	23	58%:	31/	29/	25/
CLSC2:Crystal	242	55	61	26	54%:	35/	33/	29/
TPIC2:Taylor Park	35	9.7	9.6	6.3	89%:	5/	4.5/	4/
VCRC2:Vallecito	46	11.7	18.8	10.3	63%:	7.5/	6.5/	5/
NVRN5:Navajo	152	15.3	39	24	61%:	25/	29/	22/
LEMC2:Lemon	10.3	2.5	4.4	1.77	45%:	1.3/	1/	0.75/
MPHC2:McPhee	51	10.4	16.6	8.2e	67%:	5.5/	5/	4/

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Fontenelle Reservoir

	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Oct 2009	48	1	51	11	62	6494.68	260
H Nov 2009	42	1	0	62	62	6491.61	239
I Dec 2009	31	1	0	70	71	6485.42	198
S Jan 2010	28	1	38	30	69	6478.10	157
T Feb 2010	23	0	55	0	55	6471.41	125
O Mar 2010	43	0	56	0	56	6468.40	112
R Apr 2010	63	1	47	1	48	6471.88	127
I May 2010	40	1	49	0	49	6469.44	117
C Jun 2010	251	2	50	1	51	6502.04	314
A Jul 2010	134	3	91	22	113	6504.39	333
L Aug 2010	50	2	68	0	68	6501.76	312
* Sep 2010	29	2	26	35	61	6497.33	279
WY 2010	781	14	530	233	763		
Oct 2010	34	1	56	5	61	6493.31	251
Nov 2010	31	1	57	0	57	6489.35	224
Dec 2010	27	1	58	0	58	6484.40	192
Jan 2011	24	1	58	0	58	6478.18	157
Feb 2011	24	0	53	0	53	6472.05	128
Mar 2011	41	0	58	0	58	6467.84	110
Apr 2011	74	1	71	0	71	6468.34	112
May 2011	131	1	97	1	98	6475.61	145
Jun 2011	252	2	101	0	101	6499.25	293
Jul 2011	147	3	98	0	98	6505.19	339
Aug 2011	65	2	80	0	80	6503.01	322
Sep 2011	47	2	36	32	68	6500.02	299
WY 2011	897	15	824	38	863		
Oct 2011	49	1	70	0	70	6496.90	276
Nov 2011	41	1	68	0	68	6493.04	249
Dec 2011	32	1	70	0	70	6487.17	210
Jan 2012	30	1	70	0	70	6480.38	169
Feb 2012	28	0	66	0	66	6472.60	131
Mar 2012	52	0	70	0	70	6468.11	111
Apr 2012	89	1	83	0	83	6469.55	117
May 2012	176	1	86	0	86	6486.59	206
Jun 2012	307	2	104	112	216	6499.50	295
Jul 2012	185	3	101	34	135	6505.60	342
Aug 2012	82	2	88	0	88	6504.60	334
Sep 2012	48	2	66	0	66	6502.11	315
WY 2012	1121	15	943	146	1089		

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Oct 2009	45	59	7	109	0	109	134	6029.69	3337	0	152
H	Nov 2009	47	67	4	104	0	104	133	6028.67	3298	0	143
I	Dec 2009	19	59	2	107	1	108	131	6027.38	3249	0	504
S	Jan 2010	27	68	2	109	0	109	129	6026.29	3208	0	669
T	Feb 2010	29	61	2	87	0	87	128	6025.55	3181	0	111
O	Mar 2010	69	81	3	60	0	60	129	6026.01	3198	0	118
R	Apr 2010	96	81	5	49	0	49	130	6026.69	3223	206	240
I	May 2010	72	81	8	101	0	101	129	6025.97	3196	507	551
C	Jun 2010	387	187	10	138	0	138	130	6026.97	3234	619	745
A	Jul 2010	151	130	13	96	0	96	131	6027.51	3254	78	195
L	Aug 2010	54	72	12	100	0	100	129	6026.47	3215	24	138
*	Sep 2010	22	54	10	106	0	106	127	6024.83	3154	13	131
	WY 2010	1018	1000	79	1168	1	1169					3699
	Oct 2010	38	65	7	75	0	75	126	6024.40	3138	0	75
	Nov 2010	38	64	3	59	0	59	126	6024.42	3139	0	59
	Dec 2010	34	65	2	61	0	61	126	6024.47	3141	0	61
	Jan 2011	31	65	2	61	0	61	126	6024.53	3143	0	61
	Feb 2011	31	60	2	56	0	56	126	6024.59	3145	0	56
	Mar 2011	63	80	3	50	0	50	128	6025.30	3171	0	50
	Apr 2011	101	98	5	48	0	48	129	6026.49	3215	0	48
	May 2011	163	130	8	103	0	103	130	6026.97	3234	0	103
	Jun 2011	293	142	10	188	0	188	128	6025.52	3179	0	188
	Jul 2011	160	111	13	83	0	83	128	6025.91	3194	0	83
	Aug 2011	72	87	12	83	0	83	128	6025.69	3186	0	83
	Sep 2011	53	74	11	80	0	80	127	6025.25	3169	0	80
	WY 2011	1077	1043	78	949	0	949					949
	Oct 2011	59	81	7	83	0	83	127	6025.01	3161	0	83
	Nov 2011	50	77	3	80	0	80	127	6024.84	3154	0	80
	Dec 2011	36	74	2	83	0	83	126	6024.56	3144	0	83
	Jan 2012	41	81	2	83	0	83	126	6024.47	3141	0	83
	Feb 2012	46	84	2	78	0	78	126	6024.57	3144	0	78
	Mar 2012	104	123	3	83	0	83	128	6025.52	3180	0	83
	Apr 2012	142	136	5	80	0	80	130	6026.83	3228	0	80
	May 2012	265	175	8	107	0	107	132	6028.36	3286	0	107
	Jun 2012	399	307	11	212	0	212	135	6030.48	3368	0	212
	Jul 2012	218	168	14	135	0	135	136	6030.96	3386	0	135
	Aug 2012	96	102	13	135	0	135	134	6029.82	3342	0	135
	Sep 2012	58	76	11	131	0	131	132	6028.16	3278	0	131
	WY 2012	1515	1484	80	1291	0	1291					1291

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Oct 2009	7	8	9311.60	72
H	Nov 2009	5	6	9310.68	71
I	Dec 2009	4	6	9309.18	69
S	Jan 2010	4	6	9307.90	67
T	Feb 2010	4	6	9306.55	65
O	Mar 2010	4	6	9305.31	63
R	Apr 2010	11	6	9308.40	67
I	May 2010	22	9	9316.36	80
C	Jun 2010	35	18	9325.55	97
A	Jul 2010	10	20	9320.19	87
L	Aug 2010	10	17	9316.06	80
*	Sep 2010	6	14	9311.57	72
	WY 2010	121	122		
	Oct 2010	5	6	9310.95	71
	Nov 2010	5	6	9310.02	70
	Dec 2010	4	6	9308.75	68
	Jan 2011	4	6	9307.12	65
	Feb 2011	3	6	9305.12	62
	Mar 2011	3	6	9303.06	59
	Apr 2011	7	8	9302.71	59
	May 2011	24	14	9309.38	69
	Jun 2011	37	19	9319.99	87
	Jul 2011	16	22	9316.62	81
	Aug 2011	8	20	9309.38	69
	Sep 2011	6	16	9302.71	59
	WY 2011	121	134		
	Oct 2011	6	10	9299.95	55
	Nov 2011	5	6	9299.14	54
	Dec 2011	4	6	9297.99	52
	Jan 2012	4	6	9296.60	51
	Feb 2012	4	6	9294.83	48
	Mar 2012	4	6	9293.39	47
	Apr 2012	8	8	9294.08	48
	May 2012	27	14	9303.96	61
	Jun 2012	43	18	9319.26	86
	Jul 2012	20	22	9318.38	84
	Aug 2012	10	22	9311.33	72
	Sep 2012	7	16	9305.52	63
	WY 2012	144	139		

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Blue Mesa Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
* Oct 2009	33	34	1	81	0	81	7492.82	603
H Nov 2009	27	28	0	28	0	28	7492.84	604
I Dec 2009	21	23	0	47	0	47	7489.73	579
S Jan 2010	22	24	0	43	0	43	7487.22	560
T Feb 2010	22	24	0	38	0	38	7485.33	546
O Mar 2010	29	30	0	33	0	33	7484.88	542
R Apr 2010	96	92	1	45	0	45	7490.80	588
I May 2010	143	131	1	110	6	116	7492.59	602
C Jun 2010	205	186	1	51	0	51	7508.76	735
A Jul 2010	50	60	1	98	0	98	7504.17	696
L Aug 2010	56	63	1	92	0	92	7500.54	666
* Sep 2010	23	31	1	86	0	86	7493.54	609
WY 2010	725	727	8	754	6	760		
Oct 2010	29	30	1	63	0	63	7489.27	576
Nov 2010	27	28	0	27	0	27	7489.43	577
Dec 2010	23	25	0	31	0	31	7488.63	571
Jan 2011	21	23	0	33	0	33	7487.37	561
Feb 2011	19	22	0	30	0	30	7486.25	553
Mar 2011	28	31	0	35	0	35	7485.66	548
Apr 2011	70	71	1	44	0	44	7489.07	574
May 2011	185	175	1	90	0	90	7499.60	658
Jun 2011	225	207	1	61	0	61	7516.40	802
Jul 2011	90	96	2	109	0	109	7514.77	788
Aug 2011	48	60	1	122	0	122	7507.55	725
Sep 2011	35	45	1	113	0	113	7499.32	656
WY 2011	800	813	9	758	0	758		
Oct 2011	36	39	1	58	0	58	7496.97	637
Nov 2011	31	32	0	28	0	28	7497.39	640
Dec 2011	25	27	0	85	0	85	7490.00	581
Jan 2012	24	26	0	79	0	79	7482.99	528
Feb 2012	22	24	0	56	0	56	7478.63	496
Mar 2012	34	36	0	43	0	43	7477.59	489
Apr 2012	73	72	1	48	0	48	7480.83	512
May 2012	212	199	1	110	0	110	7492.41	600
Jun 2012	271	246	1	60	0	60	7514.43	785
Jul 2012	121	122	2	103	0	103	7516.40	802
Aug 2012	62	74	1	122	0	122	7510.78	753
Sep 2012	36	45	1	113	0	113	7502.73	684
WY 2012	946	942	9	906	0	906		

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Morrow Point Reservoir

	Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Oct 2009	34	81	1	82	0	81	0	81	7148.23	108
H Nov 2009	29	28	2	30	0	27	0	27	7152.38	111
I Dec 2009	22	47	1	48	0	47	0	47	7153.12	112
S Jan 2010	24	43	2	45	0	47	0	47	7150.49	109
T Feb 2010	22	38	1	38	0	41	0	41	7147.10	107
O Mar 2010	29	33	1	34	0	34	0	34	7147.29	107
R Apr 2010	107	45	11	57	0	55	0	55	7149.84	109
I May 2010	159	116	16	132	0	129	0	129	7154.46	113
C Jun 2010	216	51	12	63	0	64	0	64	7153.15	112
A Jul 2010	51	98	1	98	0	96	0	96	7156.02	114
L Aug 2010	56	92	1	93	0	93	0	93	7155.63	114
* Sep 2010	23	86	0	87	0	92	0	92	7148.78	108
WY 2010	773	760	48	807	1	805	0	805		
Oct 2010	31	63	2	65	0	61	0	61	7153.73	112
Nov 2010	29	27	2	29	0	29	0	29	7153.73	112
Dec 2010	25	31	2	33	0	33	0	33	7153.73	112
Jan 2011	22	33	1	34	0	34	0	34	7153.73	112
Feb 2011	20	30	1	31	0	31	0	31	7153.73	112
Mar 2011	31	35	3	38	0	38	0	38	7153.73	112
Apr 2011	80	44	10	54	0	54	0	54	7153.73	112
May 2011	205	90	20	110	0	110	0	110	7153.73	112
Jun 2011	245	61	20	81	0	81	0	81	7153.73	112
Jul 2011	95	109	5	114	0	114	0	114	7153.73	112
Aug 2011	50	122	2	124	0	124	0	124	7153.73	112
Sep 2011	37	113	2	115	0	115	0	115	7153.73	112
WY 2011	870	758	70	828	0	824	0	824		
Oct 2011	38	58	3	61	0	61	0	61	7153.73	112
Nov 2011	33	28	2	30	0	30	0	30	7153.73	112
Dec 2011	27	85	2	87	0	87	0	87	7153.73	112
Jan 2012	26	79	2	81	0	81	0	81	7153.73	112
Feb 2012	25	56	3	59	0	59	0	59	7153.73	112
Mar 2012	38	43	4	47	0	47	0	47	7153.73	112
Apr 2012	84	48	11	59	0	59	0	59	7153.73	112
May 2012	237	110	25	135	0	135	0	135	7153.73	112
Jun 2012	292	60	21	81	0	81	0	81	7153.73	112
Jul 2012	127	103	7	110	0	110	0	110	7153.73	112
Aug 2012	65	122	4	126	0	126	0	126	7153.73	112
Sep 2012	39	113	3	116	0	116	0	116	7153.73	112
WY 2012	1033	906	86	992	0	992	0	992		

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Oct 2009	36	81	3	84	72	10	82	6751.89	17	60	36
H Nov 2009	32	27	3	29	31	0	31	6747.51	15	1	31
I Dec 2009	25	47	3	51	52	0	52	6743.59	14	1	53
S Jan 2010	26	47	3	50	49	0	49	6745.38	15	1	50
T Feb 2010	25	41	3	44	25	17	42	6751.67	17	1	43
O Mar 2010	33	34	4	38	38	0	38	6751.84	17	1	38
R Apr 2010	118	55	11	66	66	0	66	6750.96	16	34	34
I May 2010	179	129	20	148	108	39	148	6752.53	17	60	91
C Jun 2010	242	64	25	89	89	0	89	6752.91	17	56	39
A Jul 2010	55	96	4	100	100	0	100	6751.15	16	69	39
L Aug 2010	61	93	5	98	98	0	98	6749.05	16	68	37
* Sep 2010	26	92	3	95	95	0	95	6748.16	16	63	36
WY 2010	859	805	86	891	824	67	890			415	528
Oct 2010	35	61	4	65	64	0	64	6753.04	17	30	34
Nov 2010	33	29	4	33	33	0	33	6753.04	17	0	33
Dec 2010	29	33	4	37	37	0	37	6753.04	17	0	37
Jan 2011	25	34	3	37	37	0	37	6753.04	17	0	37
Feb 2011	22	31	2	33	33	0	33	6753.04	17	0	33
Mar 2011	35	38	4	42	42	0	42	6753.04	17	5	37
Apr 2011	92	54	12	66	66	0	66	6753.04	17	30	36
May 2011	230	110	25	135	134	1	135	6753.04	17	55	80
Jun 2011	275	81	30	111	111	0	111	6753.04	17	60	51
Jul 2011	105	114	10	124	124	0	124	6753.04	17	65	59
Aug 2011	56	124	6	130	130	0	130	6753.04	17	65	65
Sep 2011	43	115	6	121	121	0	121	6753.04	17	55	66
WY 2011	980	824	110	934	932	1	933			365	568
Oct 2011	44	61	6	67	67	0	67	6753.04	17	30	37
Nov 2011	38	30	5	35	35	0	35	6753.04	17	0	35
Dec 2011	32	87	5	92	92	0	92	6753.04	17	0	92
Jan 2012	31	81	5	86	86	0	86	6753.04	17	0	86
Feb 2012	29	59	4	63	63	0	63	6753.04	17	0	63
Mar 2012	46	47	7	54	54	0	54	6753.04	17	5	49
Apr 2012	96	59	12	71	71	0	71	6753.04	17	30	41
May 2012	272	135	35	170	134	36	170	6753.04	17	55	115
Jun 2012	330	81	38	120	120	0	120	6753.04	17	60	60
Jul 2012	144	110	17	127	127	0	127	6753.04	17	65	62
Aug 2012	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2012	45	116	6	122	122	0	122	6753.04	17	55	67
WY 2012	1183	992	150	1142	1106	36	1142			365	777

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Oct 2009	8	13	7629.82	44
H	Nov 2009	4	3	7630.41	45
I	Dec 2009	4	3	7630.60	46
S	Jan 2010	4	3	7631.27	47
T	Feb 2010	3	4	7630.95	46
O	Mar 2010	3	8	7628.45	42
R	Apr 2010	27	4	7640.13	65
I	May 2010	69	20	7660.32	113
C	Jun 2010	46	42	7661.51	116
A	Jul 2010	12	37	7651.21	90
L	Aug 2010	19	33	7645.00	75
*	Sep 2010	10	26	7637.70	59
	WY 2010	209	196		
	Oct 2010	8	20	7631.14	47
	Nov 2010	6	6	7631.39	47
	Dec 2010	5	5	7631.58	48
	Jan 2011	4	3	7632.05	48
	Feb 2011	3	3	7632.40	49
	Mar 2011	6	3	7633.87	52
	Apr 2011	19	10	7638.06	60
	May 2011	62	31	7651.77	91
	Jun 2011	75	41	7664.92	125
	Jul 2011	25	43	7657.87	107
	Aug 2011	17	39	7648.72	84
	Sep 2011	15	29	7642.09	69
	WY 2011	245	232		
	Oct 2011	14	20	7639.07	62
	Nov 2011	8	6	7640.18	65
	Dec 2011	6	5	7640.82	66
	Jan 2012	5	3	7641.76	68
	Feb 2012	5	3	7642.58	70
	Mar 2012	8	3	7644.73	75
	Apr 2012	22	10	7649.58	86
	May 2012	69	45	7659.17	110
	Jun 2012	78	62	7664.92	125
	Jul 2012	31	43	7660.14	112
	Aug 2012	19	39	7652.07	92
	Sep 2012	17	29	7646.86	80
	WY 2012	282	268		

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Navajo Reservoir

		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
*	Oct 2009	16	0	21	2	13	37	6054.76	1283	45
H	Nov 2009	15	0	14	1	0	30	6053.34	1265	48
I	Dec 2009	13	0	12	1	0	32	6051.61	1245	48
S	Jan 2010	15	0	14	1	0	32	6050.04	1226	49
T	Feb 2010	16	0	16	1	0	27	6049.04	1214	43
O	Mar 2010	64	1	68	1	3	31	6051.78	1247	52
R	Apr 2010	222	22	179	2	12	28	6062.79	1384	75
I	May 2010	265	36	182	4	26	30	6071.80	1506	126
C	Jun 2010	152	28	116	5	40	33	6074.50	1544	118
A	Jul 2010	16	2	39	5	47	58	6069.52	1474	72
L	Aug 2010	39	2	52	4	35	41	6067.48	1446	69
*	Sep 2010	24	1	39	3	25	45	6064.97	1412	63
	WY 2010	857	90	753	29	202	423			807
	Oct 2010	25	0	37	2	8	37	6064.25	1403	37
	Nov 2010	29	0	28	1	0	30	6064.06	1400	30
	Dec 2010	22	0	21	1	0	32	6063.18	1389	32
	Jan 2011	21	0	20	1	0	32	6062.22	1376	32
	Feb 2011	26	0	25	1	0	27	6062.03	1374	27
	Mar 2011	77	1	73	2	4	31	6064.83	1411	31
	Apr 2011	140	15	116	3	17	30	6069.81	1478	30
	May 2011	260	34	194	4	29	85	6075.22	1554	85
	Jun 2011	240	28	177	5	44	147	6073.95	1536	147
	Jul 2011	45	4	59	5	47	37	6071.88	1507	37
	Aug 2011	26	2	46	4	40	42	6069.07	1468	42
	Sep 2011	34	1	48	3	22	36	6068.08	1454	36
	WY 2011	945	86	847	30	210	565			565
	Oct 2011	40	2	45	2	8	31	6068.42	1459	31
	Nov 2011	33	0	30	1	0	30	6068.38	1458	30
	Dec 2011	24	0	22	1	0	31	6067.71	1449	31
	Jan 2012	22	0	20	1	0	31	6066.84	1437	31
	Feb 2012	30	0	29	1	0	28	6066.82	1437	28
	Mar 2012	88	2	82	2	4	60	6067.93	1452	60
	Apr 2012	174	16	146	3	17	60	6072.80	1520	60
	May 2012	279	33	221	4	29	200	6071.96	1508	200
	Jun 2012	246	29	201	5	44	212	6067.68	1449	212
	Jul 2012	74	7	79	5	47	37	6066.98	1439	37
	Aug 2012	43	3	61	4	40	42	6065.13	1414	42
	Sep 2012	42	1	53	3	22	36	6064.52	1406	36
	WY 2012	1096	93	989	29	210	797			797

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Lake Powell

		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
*	Oct 2009	360	526	41	620	0	620	3633.52	17979	15251	634
H	Nov 2009	421	495	39	692	0	692	3631.10	18018	14976	702
I	Dec 2009	308	437	30	901	0	901	3626.22	18066	14434	925
S	Jan 2010	302	425	9	900	0	900	3622.14	18023	13991	925
T	Feb 2010	294	384	10	631	0	631	3620.16	17978	13780	644
O	Mar 2010	477	474	17	602	0	602	3619.41	17912	13701	612
R	Apr 2010	944	717	26	602	0	602	3620.50	17886	13816	614
I	May 2010	1399	1224	32	601	0	601	3625.96	17887	14405	612
C	Jun 2010	2776	2321	53	601	0	601	3638.82	18096	15864	612
A	Jul 2010	674	706	65	802	0	802	3636.52	18203	15596	824
L	Aug 2010	504	608	64	802	0	802	3634.55	18172	15369	826
*	Sep 2010	277	461	58	480	0	480	3633.66	18197	15267	490
	WY 2010	8737	8777	444	8234	0	8235				8419
	Oct 2010	375	461	40	492	0	492	3633.08	18191	15201	492
	Nov 2010	400	423	38	820	0	820	3629.50	18159	14797	820
	Dec 2010	375	421	30	865	0	865	3625.53	18123	14358	865
	Jan 2011	325	378	9	865	0	865	3621.28	18087	13899	865
	Feb 2011	325	362	10	800	0	800	3617.35	18054	13484	800
	Mar 2011	550	503	16	805	0	805	3614.51	18030	13190	805
	Apr 2011	850	692	25	716	0	716	3614.06	18026	13144	716
	May 2011	1900	1633	31	710	0	710	3621.94	18092	13970	710
	Jun 2011	2500	2211	51	738	0	738	3633.83	18198	15286	738
	Jul 2011	1050	1035	64	838	0	838	3634.91	18208	15410	838
	Aug 2011	500	642	63	875	0	875	3632.51	18186	15136	875
	Sep 2011	450	581	58	476	0	476	3632.89	18189	15179	476
	WY 2011	9600	9340	435	9000	0	9000				9000
	Oct 2011	514	560	40	492	0	492	3633.11	18191	15205	492
	Nov 2011	523	548	39	800	0	800	3630.74	18170	14935	800
	Dec 2011	414	528	30	950	0	950	3626.97	18136	14517	950
	Jan 2012	384	490	9	950	0	950	3622.98	18101	14082	950
	Feb 2012	398	461	10	900	0	900	3619.09	18068	13667	900
	Mar 2012	628	594	16	900	0	900	3616.24	18044	13368	900
	Apr 2012	950	781	25	950	0	950	3614.50	18030	13189	950
	May 2012	2161	1884	31	1125	0	1125	3620.94	18084	13863	1125
	Jun 2012	2811	2452	50	1175	0	1175	3631.30	18175	14999	1175
	Jul 2012	1346	1262	62	1250	0	1250	3630.89	18171	14953	1250
	Aug 2012	566	707	61	1207	0	1207	3626.21	18129	14433	1207
	Sep 2012	460	626	55	714	0	714	3625.00	18119	14300	714
	WY 2012	11154	10893	429	11413	0	11413				11413

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Oct 2009	620	23	44	613	10.0	25	608	708	1093.26	10897
H	Nov 2009	692	39	44	648	10.9	15	647	710	1093.52	10919
I	Dec 2009	901	51	39	646	10.5	9	629	726	1096.30	11162
S	Jan 2010	900	124	32	634	10.3	6	578	747	1100.02	11493
T	Feb 2010	631	112	30	400	7.2	6	399	766	1103.21	11780
O	Mar 2010	602	87	33	889	14.5	12	868	751	1100.66	11550
R	Apr 2010	602	138	41	933	15.7	19	856	735	1098.00	11313
I	May 2010	601	87	47	961	15.6	28	933	714	1094.30	10987
C	Jun 2010	601	30	55	1007	16.9	27	1006	686	1089.30	10556
A	Jul 2010	802	29	68	941	15.3	33	937	673	1086.97	10357
L	Aug 2010	802	126	72	829	13.5	33	823	673	1086.91	10352
*	Sep 2010	480	83	59	758	12.7	23	755	656	1083.81	10092
	WY 2010	8235	929	564	9260		235	9039			
	Oct 2010	492	55	42	628	10.2	24	628	647	1082.14	9953
	Nov 2010	820	54	42	739	12.4	14	739	652	1083.02	10026
	Dec 2010	865	57	37	628	10.2	8	628	667	1085.81	10260
	Jan 2011	865	135	31	699	11.4	20	699	682	1088.59	10495
	Feb 2011	800	135	28	679	12.2	18	679	695	1090.90	10692
	Mar 2011	805	101	32	1006	16.4	24	1006	685	1089.18	10545
	Apr 2011	716	71	39	1119	18.8	20	1119	662	1084.85	10178
	May 2011	710	73	44	997	16.2	31	997	644	1081.59	9907
	Jun 2011	738	28	53	875	14.7	26	875	632	1079.45	9731
	Jul 2011	838	61	65	907	14.8	28	907	626	1078.28	9635
	Aug 2011	875	106	69	801	13.0	31	801	631	1079.18	9709
	Sep 2011	476	71	57	666	11.2	22	666	619	1076.90	9523
	WY 2011	9000	946	540	9744		268	9744			
	Oct 2011	492	55	41	464	7.6	26	464	620	1077.06	9536
	Nov 2011	800	54	42	592	10.0	25	592	632	1079.30	9719
	Dec 2011	950	57	36	564	9.2	21	564	655	1083.69	10081
	Jan 2012	950	135	30	684	11.1	20	684	677	1087.61	10411
	Feb 2012	900	138	28	668	11.6	21	668	696	1091.13	10712
	Mar 2012	900	101	32	1004	16.3	28	1004	692	1090.44	10653
	Apr 2012	950	71	39	1138	19.1	22	1138	682	1088.47	10485
	May 2012	1125	73	45	985	16.0	32	985	690	1089.97	10613
	Jun 2012	1175	28	55	841	14.1	29	841	707	1092.99	10873
	Jul 2012	1250	61	70	888	14.4	31	888	726	1096.45	11175
	Aug 2012	1207	106	76	811	13.2	32	811	750	1100.60	11545
	Sep 2012	714	71	63	681	11.4	27	681	751	1100.74	11557
	WY 2012	11413	949	558	9321		316	9321			

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Davis Dam - Lake Mohave

	Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Evap Losses 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
* Oct 2009	613	-8	14	623	0	623	10.1	634.34	1469
H Nov 2009	648	-15	10	590	0	590	9.9	635.61	1502
I Dec 2009	646	-24	9	532	0	532	8.7	638.68	1582
S Jan 2010	634	-15	10	456	0	456	7.4	644.34	1736
T Feb 2010	400	-4	10	442	0	442	8.0	642.31	1680
O Mar 2010	889	-18	13	862	0	862	14.0	642.17	1676
R Apr 2010	933	-17	17	878	0	878	14.8	642.94	1697
I May 2010	961	-19	22	937	0	937	15.2	642.30	1680
C Jun 2010	1007	-23	25	912	0	912	15.3	643.98	1726
A Jul 2010	941	-14	26	913	0	913	14.8	643.57	1714
L Aug 2010	829	-12	23	838	0	838	13.6	641.95	1670
* Sep 2010	758	-2	18	833	0	833	14.0	638.40	1575
WY 2010	9260	-172	197	8816	0	8816			
Oct 2010	628	5	15	759	0	759	12.3	633.00	1434
Nov 2010	739	-9	10	656	0	656	11.0	635.50	1499
Dec 2010	628	-12	9	522	0	522	8.5	638.71	1583
Jan 2011	699	-13	10	593	0	593	9.6	641.80	1666
Feb 2011	679	-5	10	664	0	664	12.0	641.80	1666
Mar 2011	1006	-14	13	945	0	945	15.4	643.05	1700
Apr 2011	1119	-15	17	1089	0	1089	18.3	643.00	1699
May 2011	997	-10	22	965	0	965	15.7	643.00	1699
Jun 2011	875	-2	25	875	0	875	14.7	642.00	1671
Jul 2011	907	3	25	899	0	899	14.6	641.50	1658
Aug 2011	801	-3	23	776	0	776	12.6	641.50	1658
Sep 2011	666	1	18	743	0	743	12.5	638.00	1564
WY 2011	9744	-73	197	9485	0	9485			
Oct 2011	464	5	15	585	0	585	9.5	633.00	1434
Nov 2011	592	-9	10	522	0	522	8.8	635.00	1486
Dec 2011	564	-12	9	445	0	445	7.2	638.71	1583
Jan 2012	684	-13	10	577	0	577	9.4	641.80	1666
Feb 2012	668	-5	10	653	0	653	11.4	641.80	1666
Mar 2012	1004	-14	13	943	0	943	15.3	643.05	1700
Apr 2012	1138	-15	17	1108	0	1108	18.6	643.00	1699
May 2012	985	-10	22	953	0	953	15.5	643.00	1699
Jun 2012	841	-2	25	841	0	841	14.1	642.00	1671
Jul 2012	888	3	25	880	0	880	14.3	641.50	1658
Aug 2012	811	-3	23	785	0	785	12.8	641.50	1658
Sep 2012	681	1	18	758	0	758	12.7	638.00	1564
WY 2012	9321	-74	197	9051	0	9051			

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Parker Dam - Lake Havasu

	Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 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
* Oct 2009	623	17	12	446	7.2	26	133	448.03	581	77	1.2
H Nov 2009	590	32	9	365	6.1	107	144	447.61	573	103	1.7
I Dec 2009	532	28	7	301	4.9	104	149	447.34	568	135	2.2
S Jan 2010	456	41	6	233	3.8	99	126	448.89	597	174	2.8
T Feb 2010	442	10	8	331	6.0	66	91	446.29	548	141	2.5
O Mar 2010	862	55	9	668	10.9	90	128	447.15	564	233	3.8
R Apr 2010	878	34	11	670	11.3	43	153	448.61	592	210	3.5
I May 2010	937	24	13	662	10.8	102	172	448.83	596	114	1.9
C Jun 2010	912	23	16	650	10.9	91	171	448.64	592	113	1.9
A Jul 2010	913	17	17	743	12.1	107	50	448.61	592	126	2.1
L Aug 2010	838	21	17	646	10.5	108	84	448.20	584	101	1.6
* Sep 2010	833	18	15	583	9.8	98	171	446.95	560	93	1.6
WY 2010	8816	319	140	6300		1043	1572			1618	
Oct 2010	759	20	12	475	7.7	99	184	447.00	561	76	1.2
Nov 2010	656	22	9	380	6.4	96	178	447.50	571	109	1.8
Dec 2010	522	20	7	289	4.7	99	162	446.50	552	118	1.9
Jan 2011	593	34	6	366	6.0	87	164	446.50	552	122	2.0
Feb 2011	664	40	8	455	8.2	80	155	446.50	552	153	2.8
Mar 2011	945	45	9	711	11.6	87	172	446.70	555	208	3.4
Apr 2011	1089	15	11	796	13.4	85	164	448.70	593	200	3.4
May 2011	965	11	13	707	11.5	87	157	448.70	593	111	1.8
Jun 2011	875	7	16	678	11.4	85	89	448.70	593	112	1.9
Jul 2011	899	14	17	737	12.0	87	72	448.00	580	118	1.9
Aug 2011	776	20	17	622	10.1	87	67	447.50	571	92	1.5
Sep 2011	743	13	15	529	8.9	69	146	446.81	557	89	1.5
WY 2011	9485	260	139	6745		1048	1712			1509	
Oct 2011	585	20	12	441	7.2	40	112	446.31	548	72	1.2
Nov 2011	522	22	8	375	6.3	40	110	446.50	552	105	1.8
Dec 2011	445	20	6	290	4.7	40	124	446.50	552	118	1.9
Jan 2012	577	34	6	349	5.7	87	165	446.50	552	122	2.0
Feb 2012	653	41	8	446	7.8	78	156	446.50	552	153	2.7
Mar 2012	943	45	9	705	11.5	87	174	446.70	555	208	3.4
Apr 2012	1108	15	11	814	13.7	84	166	448.70	593	200	3.4
May 2012	953	11	13	694	11.3	87	159	448.70	593	111	1.8
Jun 2012	841	7	16	643	10.8	84	90	448.70	593	112	1.9
Jul 2012	880	14	17	716	11.7	87	72	448.00	580	118	1.9
Aug 2012	785	20	17	630	10.2	87	68	447.50	571	92	1.5
Sep 2012	758	13	15	550	9.2	63	148	446.81	557	89	1.5
WY 2012	9051	261	139	6655		863	1545			1500	

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Hoover Dam - Lake Mead

		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
*	Oct 2009	613	10.0	1093.26	10897	-37	450.76	1158.0	235.5	70	384.4
H	Nov 2009	648	10.9	1093.52	10919	23	451.32	1358.0	251.9	82	388.7
I	Dec 2009	646	10.5	1096.30	11162	243	451.68	1037.0	248.8	63	385.3
S	Jan 2010	634	10.3	1100.02	11493	330	452.24	1050.0	248.9	63	392.4
T	Feb 2010	400	7.2	1103.21	11780	288	456.23	1044.0	152.7	63	381.5
O	Mar 2010	889	14.5	1100.66	11550	-230	452.57	1272.0	353.9	75	398.0
R	Apr 2010	933	15.7	1098.00	11313	-237	451.78	1392.0	370.4	82	397.0
I	May 2010	961	15.6	1094.30	10987	-326	449.26	1371.0	378.0	82	393.4
C	Jun 2010	1007	16.9	1089.30	10556	-431	442.32	1556.0	390.5	94	387.7
A	Jul 2010	941	15.3	1086.97	10357	-198	441.50	1640.0	360.3	100	382.9
L	Aug 2010	829	13.5	1086.91	10352	-5	443.45	1617.0	313.3	100	378.0
*	Sep 2010	758	12.7	1083.81	10092	-261	439.46	1617.0	285.1	100	375.9
	WY 2010	9260							3589.4		
	Oct 2010	628	10.2	1082.14	9953	-139	436.99	1104.0	246.8	68	393.2
	Nov 2010	739	12.4	1083.02	10026	73	436.84	1289.0	291.9	81	394.8
	Dec 2010	628	10.2	1085.81	10260	234	436.12	1404.0	244.3	87	389.2
	Jan 2011	699	11.4	1088.59	10495	235	438.76	1131.0	275.8	69	394.4
	Feb 2011	679	12.2	1090.90	10692	197	438.30	1445.0	267.4	88	394.0
	Mar 2011	1006	16.4	1089.18	10545	-146	438.19	1442.0	395.7	88	393.4
	Apr 2011	1119	18.8	1084.85	10178	-367	434.41	1497.0	444.1	91	397.0
	May 2011	997	16.2	1081.59	9907	-271	429.71	1649.0	381.4	100	382.5
	Jun 2011	875	14.7	1079.45	9731	-177	427.36	1661.0	335.0	100	382.7
	Jul 2011	907	14.8	1078.28	9635	-96	426.21	1677.0	346.5	100	381.9
	Aug 2011	801	13.0	1079.18	9709	74	426.24	1696.0	308.5	100	384.9
	Sep 2011	666	11.2	1076.90	9523	-186	426.69	1697.0	251.9	100	378.2
	WY 2011	9744							3789.3		
	Oct 2011	464	7.6	1077.06	9536	14	429.03	1508.0	177.1	88	381.3
	Nov 2011	592	10.0	1079.30	9719	183	434.45	1099.0	231.4	64	390.8
	Dec 2011	564	9.2	1083.69	10081	363	433.93	1421.0	215.8	82	382.7
	Jan 2012	684	11.1	1087.61	10411	330	436.51	1321.0	266.4	76	389.8
	Feb 2012	668	11.6	1091.13	10712	301	438.45	1442.0	262.2	83	392.4
	Mar 2012	1004	16.3	1090.44	10653	-59	438.93	1526.9	395.3	88	393.9
	Apr 2012	1138	19.1	1088.47	10485	-168	436.83	1589.0	455.5	91	400.1
	May 2012	985	16.0	1089.97	10613	128	435.66	1744.0	381.2	100	387.0
	Jun 2012	841	14.1	1092.99	10873	260	438.23	1744.0	335.5	100	398.9
	Jul 2012	888	14.4	1096.45	11175	302	441.93	1744.0	358.0	100	403.0
	Aug 2012	811	13.2	1100.60	11545	370	445.87	1744.0	326.1	100	402.2
	Sep 2012	681	11.4	1100.74	11557	13	449.14	1744.0	270.8	100	397.6
	WY 2012	9321							3675.4		

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Davis Dam - Lake Mohave

	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
* Oct 2009	623	10.1	634.34	1469	-33	134.58	216.8	74.2	85	119.1
H Nov 2009	590	9.9	635.61	1502	33	136.02	186.2	70.9	73	120.3
I Dec 2009	532	8.7	638.68	1582	81	139.08	188.7	65.9	74	123.8
S Jan 2010	456	7.4	644.34	1736	153	144.98	204.0	57.9	80	127.1
T Feb 2010	442	8.0	642.31	1680	-56	138.83	216.8	56.9	85	128.6
O Mar 2010	862	14.0	642.17	1676	-4	138.67	249.9	109.8	98	127.5
R Apr 2010	878	14.8	642.94	1697	21	141.04	255.0	111.0	100	126.4
I May 2010	937	15.2	642.30	1680	-17	140.64	255.0	118.5	100	126.4
C Jun 2010	912	15.3	643.98	1726	46	140.66	255.0	115.5	100	126.6
A Jul 2010	913	14.8	643.57	1714	-11	141.98	242.2	115.3	95	126.4
L Aug 2010	838	13.6	641.95	1670	-44	140.67	255.0	105.9	100	126.4
* Sep 2010	833	14.0	638.40	1575	-95	137.24	255.0	102.6	100	123.1
WY 2010	8816							1104.5		
Oct 2010	759	12.3	633.00	1434	-140	129.69	209.1	90.7	82	119.6
Nov 2010	656	11.0	635.50	1499	64	130.07	153.0	77.9	60	118.7
Dec 2010	522	8.5	638.71	1583	84	132.77	160.7	63.8	63	122.3
Jan 2011	593	9.6	641.80	1666	83	136.31	153.0	73.9	60	124.6
Feb 2011	664	12.0	641.80	1666	0	137.77	155.5	83.2	61	125.2
Mar 2011	945	15.4	643.05	1700	34	136.79	206.6	117.8	81	124.6
Apr 2011	1089	18.3	643.00	1699	-2	137.46	204.0	135.3	80	124.3
May 2011	965	15.7	643.00	1699	0	136.04	255.0	120.7	100	125.1
Jun 2011	875	14.7	642.00	1671	-27	135.51	255.0	109.3	100	124.9
Jul 2011	899	14.6	641.50	1658	-14	134.73	255.0	111.7	100	124.3
Aug 2011	776	12.6	641.50	1658	0	134.46	255.0	96.7	100	124.7
Sep 2011	743	12.5	638.00	1564	-94	132.62	255.0	91.5	100	123.2
WY 2011	9485							1172.5		
Oct 2011	585	9.5	633.00	1434	-130	128.65	237.2	70.4	93	120.4
Nov 2011	522	8.8	635.00	1486	51	127.14	234.6	62.3	92	119.3
Dec 2011	445	7.2	638.71	1583	97	130.00	239.7	54.6	94	122.5
Jan 2012	577	9.4	641.80	1666	83	134.16	219.3	72.0	86	124.7
Feb 2012	653	11.4	641.80	1666	0	135.05	244.8	81.9	96	125.4
Mar 2012	943	15.3	643.05	1700	34	135.44	255.0	117.5	100	124.7
Apr 2012	1108	18.6	643.00	1699	-2	136.07	255.0	137.7	100	124.2
May 2012	953	15.5	643.00	1699	0	136.04	255.0	119.3	100	125.1
Jun 2012	841	14.1	642.00	1671	-27	135.51	255.0	105.2	100	125.1
Jul 2012	880	14.3	641.50	1658	-14	134.73	255.0	109.4	100	124.4
Aug 2012	785	12.8	641.50	1658	0	134.46	255.0	97.9	100	124.7
Sep 2012	758	12.7	638.00	1564	-94	132.62	255.0	93.3	100	123.1
WY 2012	9051							1121.4		

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Parker Dam - Lake Havasu

		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
*	Oct 2009	446	7.2	448.03	581	16	80.62	90.0	30.5	75	68.5
H	Nov 2009	365	6.1	447.61	573	-8	81.65	66.0	25.9	55	71.0
I	Dec 2009	299	4.9	447.34	568	-5	81.50	76.8	20.2	64	67.4
S	Jan 2010	233	3.8	448.89	597	29	82.98	66.0	15.6	55	66.8
T	Feb 2010	331	6.0	446.29	548	-49	78.17	90.0	22.8	75	68.8
O	Mar 2010	668	10.9	447.15	564	16	81.28	90.0	45.4	75	67.9
R	Apr 2010	670	11.3	448.61	592	28	81.42	90.0	46.8	75	69.8
I	May 2010	662	10.8	448.83	596	4	81.45	115.2	46.0	96	69.6
C	Jun 2010	650	10.9	448.64	592	-4	80.58	120.0	46.4	100	71.3
A	Jul 2010	743	12.1	448.61	592	-1	82.51	120.0	50.9	100	68.4
L	Aug 2010	646	10.5	448.20	584	-8	81.98	120.0	44.7	100	69.2
*	Sep 2010	583	9.8	446.95	560	-24	80.89	103.2	41.6	86	71.4
	WY 2010	6298							436.8		
	Oct 2010	475	7.7	447.00	561	1	75.35	98.4	31.0	82	65.2
	Nov 2010	380	6.4	447.50	571	9	75.44	102.0	24.6	85	64.6
	Dec 2010	289	4.7	446.50	552	-19	75.20	102.0	18.3	85	63.2
	Jan 2011	366	6.0	446.50	552	0	74.71	102.0	23.4	85	63.9
	Feb 2011	455	8.2	446.50	552	0	73.92	120.0	29.2	100	64.2
	Mar 2011	711	11.6	446.70	555	4	74.01	120.0	46.2	100	64.9
	Apr 2011	796	13.4	448.70	593	38	75.08	120.0	52.5	100	66.0
	May 2011	707	11.5	448.70	593	0	76.05	120.0	47.0	100	66.5
	Jun 2011	678	11.4	448.70	593	0	76.05	120.0	45.1	100	66.5
	Jul 2011	737	12.0	448.00	580	-13	75.71	120.0	48.9	100	66.3
	Aug 2011	622	10.1	447.50	571	-10	75.13	120.0	40.7	100	65.5
	Sep 2011	529	8.9	446.81	557	-13	74.55	120.0	34.3	100	64.8
	WY 2011	6745							441.2		
	Oct 2011	441	7.2	446.31	548	-9	74.77	102.0	28.5	85	64.6
	Nov 2011	375	6.3	446.50	552	3	74.62	102.0	24.0	85	64.1
	Dec 2011	290	4.7	446.50	552	0	74.71	102.0	18.3	85	63.0
	Jan 2012	349	5.7	446.50	552	0	74.71	102.0	22.3	85	63.7
	Feb 2012	446	7.8	446.50	552	0	73.92	120.0	28.6	100	64.0
	Mar 2012	705	11.5	446.70	555	4	74.01	120.0	45.8	100	64.9
	Apr 2012	814	13.7	448.70	593	38	75.08	120.0	53.8	100	66.1
	May 2012	694	11.3	448.70	593	0	76.05	120.0	46.1	100	66.5
	Jun 2012	643	10.8	448.70	593	0	76.05	120.0	42.7	100	66.4
	Jul 2012	716	11.7	448.00	580	-13	75.71	120.0	47.5	100	66.3
	Aug 2012	630	10.2	447.50	571	-10	75.13	120.0	41.3	100	65.6
	Sep 2012	550	9.2	446.81	557	-13	74.55	120.0	35.7	100	64.9
	WY 2012	6655							434.5		

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Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	Oct 2009	285	44	24	28	14	4
H	Nov 2009	309	42	8	9	4	0
I	Dec 2009	403	42	13	17	9	0
S	Jan 2010	401	43	12	16	8	3
T	Feb 2010	279	34	11	14	4	3
O	Mar 2010	269	23	9	11	6	3
	Winter 2010	1945	228	77	95	46	13
R	Apr 2010	265	19	13	19	13	3
I	May 2010	267	39	31	45	21	3
C	Jun 2010	272	54	15	22	18	4
A	Jul 2010	368	38	30	34	20	8
L	Aug 2010	366	40	27	33	19	6
*	Sep 2010	217	42	25	32	19	2
	Summer 2010	1755	231	142	186	109	25
	Oct 2010	208	27	19	22	11	5
	Nov 2010	345	22	8	10	6	5
	Dec 2010	361	22	9	12	6	5
	Jan 2011	358	22	10	12	6	4
	Feb 2011	329	20	9	11	6	4
	Mar 2011	329	18	10	14	7	4
	Winter 2011	1930	132	64	82	42	26
	Apr 2011	292	17	13	19	11	5
	May 2011	291	38	27	40	23	6
	Jun 2011	308	69	19	29	19	8
	Jul 2011	355	30	34	41	21	9
	Aug 2011	369	30	38	45	22	8
	Sep 2011	200	29	34	41	21	3
	Summer 2011	1815	213	165	215	119	39
	Oct 2011	207	30	17	22	12	6
	Nov 2011	336	29	8	11	6	6
	Dec 2011	397	30	25	31	16	6
	Jan 2012	394	30	23	29	15	5
	Feb 2012	370	28	16	21	11	5
	Mar 2012	368	30	12	17	9	5
	Winter 2012	2073	178	103	132	69	33
	Apr 2012	386	29	14	21	12	5
	May 2012	460	39	32	49	23	6
	Jun 2012	489	78	18	29	21	9
	Jul 2012	525	50	32	40	22	10
	Aug 2012	504	50	38	45	23	8
	Sep 2012	297	48	35	42	21	6
	Summer 2012	2660	294	170	226	122	45

BUREAU OF RECLAMATION - CRFS 10/2010 MOST PROB WATER SUPPLY JOB STARTED:Fri OCT 8 8:55:46 2010

model_run_id = 2075

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

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
		* * * * PREDICTED SPACE * * * *										* * * * CREDITABLE SPACE * * * *							
OCT	2010	661	220	284	9055	10220	17285	27505	661	220	284	1165	9055	17285	27505	3040	628	0	32.7
NOV	2010	705	254	293	9121	10374	17424	27798	705	254	293	1252	9121	17424	27798	3810	739	0	32.4
DEC	2010	731	253	296	9525	10804	17351	28155	731	253	296	1279	9525	17351	28155	4580	628	0	32.2
JAN	2011	761	259	307	9964	11291	17117	28408	761	259	307	1327	9964	17117	28408	5350	699	0	32.0
												* * * * EFFECTIVE SPACE * * * *							
JAN	2011	761	259	307	9964	11291	17117	28408	253	236	278	766	9964	17117	27847	5350	699	0	32.0
FEB	2011	794	268	320	10423	11805	16882	28687	283	248	289	820	10423	16882	28125	1500	679	0	31.8
MAR	2011	821	277	322	10838	12258	16685	28943	308	259	291	858	10838	16685	28381	1500	1006	0	31.4
APR	2011	812	281	285	11132	12512	16832	29343	295	266	248	809	11132	16832	28773	1500	1119	0	31.2
MAY	2011	766	255	218	11178	12418	17199	29616	242	240	162	643	11178	17199	29020	1500	997	0	32.0
JUN	2011	716	171	142	10352	11381	17470	28850	182	145	52	379	10352	17470	28200	1500	875	0	33.3
JUL	2011	621	27	160	9036	9844	17646	27490	77	-19	22	80	9036	17646	26762	1500	907	0	33.3
												* * * * CREDITABLE SPACE * * * *							
AUG	2011	561	42	189	8912	9704	17742	27446	561	42	189	792	8912	17742	27446	1500	801	0	33.0
SEP	2011	586	105	228	9186	10105	17668	27773	586	105	228	919	9186	17668	27773	2270	666	0	32.6
OCT	2011	625	174	242	9143	10184	17854	28038	625	174	242	1041	9143	17854	28038	3040	464	0	32.4
NOV	2011	657	193	237	9117	10205	17841	28045	657	193	237	1087	9117	17841	28045	3810	592	0	32.4
DEC	2011	691	189	238	9387	10505	17658	28163	691	189	238	1118	9387	17658	28163	4580	564	0	32.3
JAN	2012	740	248	247	9805	11040	17296	28336	740	248	247	1235	9805	17296	28336	5350	684	0	32.2
												* * * * EFFECTIVE SPACE * * * *							
JAN	2012	740	248	247	9805	11040	17296	28336	437	248	149	834	9805	17296	27935	5350	684	0	32.2
FEB	2012	784	302	259	10240	11584	16966	28550	479	302	160	941	10240	16966	28146	1500	668	0	32.0
MAR	2012	819	333	259	10655	12067	16665	28732	511	333	160	1004	10655	16665	28324	1500	1004	0	31.7
APR	2012	803	341	244	10954	12341	16724	29066	490	341	139	969	10954	16724	28647	1500	1138	0	31.5
MAY	2012	748	317	176	11133	12375	16892	29267	428	317	52	797	11133	16892	28823	1500	985	0	32.6
JUN	2012	602	229	188	10459	11478	16764	28242	270	229	31	529	10459	16764	27752	1500	841	0	34.2
JUL	2012	431	45	247	9323	10046	16504	26550	83	18	42	143	9323	16504	25969	1500	888	0	34.5
												* * * * CREDITABLE SPACE * * * *							
AUG	2012	365	27	257	9369	10018	16202	26220	365	27	257	649	9369	16202	26220	1500	811	0	34.3
SEP	2012	417	77	282	9889	10665	15832	26497	417	77	282	776	9889	15832	26497	2270	681	0	33.9