

To: All Annual Operating Plan Recipients

From: Lower Colorado Region  
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The operation of Lake Powell and Lake Mead in this October 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) and draft 2010 AOP. Pursuant to the Interim Guidelines, the August 24-Month Study projections of the January 1 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead. If the operating tier for the year is the Upper Elevation Balancing Tier, an adjustment may be made in April based on the April 24-Month Study projection of the September 30 system storage and reservoir water surface elevations.

The Upper Elevation Balancing Tier is the operational tier for water year 2010 for Glen Canyon Dam. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar years 2009 and 2010.

With a Lake Powell water year release volume of 8.23 million acre-feet (maf), the October 24-Month Study projects Lake Powell's 2010 end of water year elevation to be above the 2010 Equalization Elevation of 3,642 feet. Pursuant to the Interim Guidelines, the October 24-Month Study projects an April adjustment to the Equalization Tier in 2010. The annual release from Glen Canyon Dam under the Equalization Tier is projected to be 10.585 maf. Based on analysis of possible inflow scenarios, the probability of an April adjustment to the Equalization Tier in 2010 is currently 55 percent.

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](http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP09_final.pdf). The draft 2010 AOP is available for download at [http://www.usbr.gov/lc/region/g4000/AOP2010/AOP10\\_draft.pdf](http://www.usbr.gov/lc/region/g4000/AOP2010/AOP10_draft.pdf).

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: Observed unregulated inflow into Lake Powell for the month of September 2009 was 0.265 maf or 56% of the 30 year average. The forecast for October 2009 unregulated inflow into Lake Powell is 0.400 maf or 73% of the 30 year average. The observed April through July unregulated inflow is 7.804 maf or 98% of average.

In this study, the Calendar Year (CY) 2009 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 1.106 maf. The CY 2009 diversion for the Central Arizona Project (CAP) is forecasted to be 1.588 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.317 maf for CY 2009.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2-foot increments. This study reflects these changes in the projections.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Lower Colorado Region's Power Management Office, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 10/2009 Most Prob Water Supply 14-Oct-2009 08:32:50  
 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 2008	43	1	65	0	65	6490.51	231
H Nov 2008	41	1	48	13	61	6487.43	211
I Dec 2008	30	1	26	35	60	6482.26	180
S Jan 2009	33	1	61	0	61	6476.93	151
T Feb 2009	27	0	53	0	53	6471.15	124
O Mar 2009	46	0	59	0	59	6467.98	111
R Apr 2009	91	1	57	0	57	6475.63	145
I May 2009	152	1	62	1	64	6490.46	231
C Jun 2009	477	3	91	285	376	6504.01	330
A Jul 2009	247	3	88	145	233	6505.36	341
L Aug 2009	72	2	98	6	104	6500.99	306
* Sep 2009	37	2	66	0	66	6496.84	276
WY 2009	1295	15	773	485	1258		
Oct 2009	45	1	14	48	61	6494.37	258
Nov 2009	42	1	0	59	59	6491.75	240
Dec 2009	33	1	69	0	69	6486.07	203
Jan 2010	33	1	69	0	69	6479.78	166
Feb 2010	32	0	63	0	63	6473.44	134
Mar 2010	48	0	69	0	69	6468.38	112
Apr 2010	90	1	89	0	89	6468.42	113
May 2010	180	1	99	6	105	6483.50	187
Jun 2010	315	2	103	99	202	6499.78	297
Jul 2010	185	3	101	35	136	6505.74	344
Aug 2010	80	2	100	5	105	6502.34	317
Sep 2010	53	2	39	29	68	6500.08	300
WY 2010	1136	15	816	281	1097		
Oct 2010	49	1	54	16	71	6496.92	276
Nov 2010	41	1	68	0	68	6493.02	248
Dec 2010	32	1	71	0	71	6487.10	209
Jan 2011	30	1	71	0	71	6480.25	168
Feb 2011	28	0	64	0	64	6472.83	132
Mar 2011	52	0	71	0	71	6468.28	112
Apr 2011	89	1	83	0	83	6469.59	117
May 2011	176	1	99	5	105	6483.65	188
Jun 2011	307	2	103	90	193	6500.04	299
Jul 2011	185	3	101	38	138	6505.72	343
Aug 2011	82	2	99	5	105	6502.61	319
Sep 2011	48	2	36	29	65	6500.16	300
WY 2011	1120	15	921	184	1105		

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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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 2008	45	67	7	71	0	71	83	6020.97	3013	21	119
H Nov 2008	47	66	3	65	0	65	83	6020.91	3011	0	107
I Dec 2008	17	48	2	79	0	79	82	6020.01	2980	0	116
S Jan 2009	39	67	2	80	0	80	82	6019.63	2965	0	752
T Feb 2009	37	64	2	62	0	62	82	6019.63	2967	0	104
O Mar 2009	62	75	3	52	0	52	82	6020.18	2987	0	140
R Apr 2009	127	93	5	50	0	50	84	6021.21	3024	0	312
I May 2009	212	125	7	150	0	150	83	6020.33	2993	758	883
C Jun 2009	573	472	10	96	0	96	97	6029.83	3357	517	624
A Jul 2009	284	271	14	117	0	117	102	6033.29	3478	109	247
L Aug 2009	74	106	13	124	0	124	101	6032.53	3448	21	161
* Sep 2009	45	74	11	120	0	120	99	6031.12	3392	14	144
WY 2009	1564	1527	79	1065	0	1065					3709
Oct 2009	51	67	7	109	0	109	97	6029.91	3345	0	109
Nov 2009	50	68	3	104	0	104	95	6028.90	3307	0	104
Dec 2009	37	73	2	108	0	108	94	6028.00	3272	0	108
Jan 2010	40	76	2	111	0	111	92	6027.07	3237	0	111
Feb 2010	40	71	2	97	0	97	91	6026.34	3210	0	97
Mar 2010	70	91	3	91	0	91	91	6026.28	3208	0	91
Apr 2010	115	114	5	86	0	86	92	6026.88	3230	0	86
May 2010	220	145	8	140	0	140	92	6026.79	3227	0	140
Jun 2010	370	257	10	182	0	182	94	6028.44	3289	0	182
Jul 2010	200	151	14	101	0	101	96	6029.34	3324	0	101
Aug 2010	88	113	13	101	0	101	96	6029.30	3322	0	101
Sep 2010	60	75	11	98	0	98	94	6028.44	3289	0	98
WY 2010	1341	1302	80	1329	0	1329					1329
Oct 2010	59	81	7	101	0	101	93	6027.74	3263	0	101
Nov 2010	51	78	3	98	0	98	92	6027.13	3240	0	98
Dec 2010	36	75	2	101	0	101	91	6026.40	3212	0	101
Jan 2011	41	81	2	105	0	105	90	6025.75	3188	0	105
Feb 2011	45	82	2	92	0	92	90	6025.43	3176	0	92
Mar 2011	103	123	3	101	0	101	91	6025.90	3194	0	101
Apr 2011	142	136	5	98	0	98	92	6026.75	3225	0	98
May 2011	263	192	8	143	0	143	93	6027.79	3264	0	143
Jun 2011	400	286	10	186	0	186	97	6030.03	3350	0	186
Jul 2011	219	172	14	112	0	112	99	6031.18	3395	0	112
Aug 2011	96	119	13	112	0	112	98	6031.02	3389	0	112
Sep 2011	58	75	11	109	0	109	97	6029.92	3346	0	109
WY 2011	1515	1499	80	1360	0	1360					1360

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Taylor Park Reservoir

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	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Oct 2008	7	7	9311.31	72
H Nov 2008	5	5	9311.19	72
I Dec 2008	5	5	9311.34	72
S Jan 2009	5	5	9311.21	72
T Feb 2009	4	5	9310.95	71
O Mar 2009	4	5	9310.68	71
R Apr 2009	11	5	9314.31	77
I May 2009	46	20	9328.38	103
C Jun 2009	37	35	9329.45	105
A Jul 2009	14	0	9324.35	95
L Aug 2009	7	19	9317.78	83
* Sep 2009	6	15	9312.44	74
WY 2009	152	126		
Oct 2009	7	10	9310.28	70
Nov 2009	6	4	9311.52	72
Dec 2009	5	4	9312.14	73
Jan 2010	5	4	9312.44	74
Feb 2010	4	4	9312.44	74
Mar 2010	4	4	9312.44	74
Apr 2010	8	8	9312.44	74
May 2010	25	18	9316.57	81
Jun 2010	38	20	9326.30	99
Jul 2010	16	22	9323.18	93
Aug 2010	8	22	9315.42	79
Sep 2010	7	15	9310.59	71
WY 2010	132	135		
Oct 2010	6	10	9308.15	67
Nov 2010	5	6	9307.46	66
Dec 2010	4	5	9307.12	65
Jan 2011	4	5	9306.58	65
Feb 2011	4	5	9305.73	63
Mar 2011	4	5	9305.22	63
Apr 2011	8	8	9305.44	63
May 2011	27	16	9312.58	74
Jun 2011	43	20	9325.34	97
Jul 2011	20	22	9324.52	95
Aug 2011	10	22	9318.03	83
Sep 2011	7	15	9313.36	75
WY 2011	144	139		

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Bureau of Reclamation - CRFS 10/2009 Most Prob Water Supply  
Blue Mesa Reservoir

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	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
* Oct 2008	33	33	1	85	0	85	7492.14	598
H Nov 2008	27	28	0	33	0	33	7491.42	592
I Dec 2008	28	27	0	36	0	36	7490.25	583
S Jan 2009	26	27	0	39	0	39	7488.62	571
T Feb 2009	24	24	0	42	0	42	7486.19	552
O Mar 2009	40	40	0	49	0	49	7484.97	543
R Apr 2009	104	99	1	61	0	61	7489.84	580
I May 2009	344	317	1	110	10	120	7513.48	776
C Jun 2009	229	227	1	172	3	175	7519.02	826
A Jul 2009	95	105	2	144	0	144	7514.49	785
L Aug 2009	42	54	1	128	0	128	7505.79	710
* Sep 2009	26	35	1	93	0	93	7498.71	651
WY 2009	1018	1016	9	993	13	1006		
Oct 2009	36	40	1	59	0	59	7496.24	631
Nov 2009	32	30	0	23	0	23	7497.08	638
Dec 2009	28	27	0	83	0	83	7490.00	581
Jan 2010	25	24	0	84	0	84	7482.13	522
Feb 2010	22	22	0	60	0	60	7476.87	483
Mar 2010	31	31	0	34	0	34	7476.39	480
Apr 2010	75	75	1	42	0	42	7480.87	512
May 2010	190	183	1	58	0	58	7496.93	636
Jun 2010	225	207	1	46	0	46	7515.67	796
Jul 2010	89	95	2	87	0	87	7516.40	802
Aug 2010	49	63	1	121	0	121	7509.71	743
Sep 2010	38	46	1	105	0	105	7502.65	683
WY 2010	840	843	9	802	0	802		
Oct 2010	36	39	1	69	0	69	7499.01	653
Nov 2010	31	32	0	29	0	29	7499.36	656
Dec 2010	25	26	0	100	0	100	7490.00	581
Jan 2011	24	25	0	92	0	92	7481.16	515
Feb 2011	22	23	0	60	0	60	7476.03	477
Mar 2011	34	35	0	43	0	43	7474.83	469
Apr 2011	73	73	1	50	0	50	7477.97	491
May 2011	212	201	1	74	0	74	7494.55	617
Jun 2011	271	248	1	71	0	71	7515.38	793
Jul 2011	121	122	2	112	0	112	7516.40	802
Aug 2011	62	74	1	122	0	122	7510.78	753
Sep 2011	36	44	1	113	0	113	7502.61	683
WY 2011	946	942	9	934	0	934		

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Morrow Point Reservoir

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	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 2008	33	85	0	85	0	86	0	86	7153.93	112
H Nov 2008	29	33	2	35	0	35	0	35	7153.60	112
I Dec 2008	29	36	2	38	0	39	0	39	7152.11	111
S Jan 2009	28	39	1	40	0	43	0	43	7148.12	108
T Feb 2009	24	42	1	43	0	45	0	45	7145.98	106
O Mar 2009	42	49	2	51	0	43	6	49	7147.72	107
R Apr 2009	119	61	14	75	0	69	0	69	7155.78	114
I May 2009	377	120	34	154	0	153	2	155	7154.23	112
C Jun 2009	241	175	12	188	0	184	0	184	7158.19	116
A Jul 2009	97	144	2	146	0	148	0	148	7155.33	113
L Aug 2009	42	128	0	128	0	129	0	129	7154.90	113
* Sep 2009	27	93	1	94	0	100	0	100	7146.95	107
WY 2009	1088	1006	71	1077	1	1074	8	1083		
Oct 2009	39	59	3	62	0	57	0	57	7153.73	112
Nov 2009	34	23	2	25	0	25	0	25	7153.73	112
Dec 2009	30	83	2	85	0	85	0	85	7153.73	112
Jan 2010	27	84	2	86	0	86	0	86	7153.73	112
Feb 2010	23	60	1	61	0	61	0	61	7153.73	112
Mar 2010	34	34	3	37	0	37	0	37	7153.73	112
Apr 2010	86	42	11	53	0	53	0	53	7153.73	112
May 2010	215	58	25	83	0	83	0	83	7153.73	112
Jun 2010	245	46	20	66	0	66	0	66	7153.73	112
Jul 2010	95	87	6	93	0	93	0	93	7153.73	112
Aug 2010	53	121	4	125	0	125	0	125	7153.73	112
Sep 2010	44	105	6	111	0	111	0	111	7153.73	112
WY 2010	925	802	85	887	0	882	0	882		
Oct 2010	38	69	3	72	0	72	0	72	7153.73	112
Nov 2010	33	29	2	31	0	31	0	31	7153.73	112
Dec 2010	27	100	2	102	0	102	0	102	7153.73	112
Jan 2011	26	92	2	94	0	94	0	94	7153.73	112
Feb 2011	25	60	3	63	0	63	0	63	7153.73	112
Mar 2011	38	43	4	47	0	47	0	47	7153.73	112
Apr 2011	84	50	11	61	0	61	0	61	7153.73	112
May 2011	237	74	25	99	0	99	0	99	7153.73	112
Jun 2011	292	71	21	92	0	92	0	92	7153.73	112
Jul 2011	127	112	7	118	0	118	0	118	7153.73	112
Aug 2011	65	122	4	126	0	126	0	126	7153.73	112
Sep 2011	39	113	3	116	0	116	0	116	7153.73	112
WY 2011	1032	934	86	1020	0	1020	0	1020		

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 10/2009 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
* Oct 2008	36	86	3	89	89	0	89	6744.34	15	55	45
H Nov 2008	33	35	4	38	39	0	39	6742.20	14	1	40
I Dec 2008	32	39	3	42	42	0	42	6742.53	14	1	43
S Jan 2009	31	43	4	47	38	9	47	6741.02	14	1	49
T Feb 2009	28	45	3	48	24	20	45	6752.05	17	1	46
O Mar 2009	47	49	5	55	55	0	55	6751.30	16	10	47
R Apr 2009	130	69	12	81	80	0	80	6752.70	17	36	48
I May 2009	431	155	53	208	120	88	208	6752.57	17	55	160
C Jun 2009	264	184	23	207	116	91	207	6753.30	17	59	160
A Jul 2009	104	148	7	156	128	30	158	6743.22	14	68	101
L Aug 2009	44	129	2	131	130	0	130	6746.30	15	67	72
* Sep 2009	29	100	2	102	102	0	102	6746.55	15	63	46
WY 2009	1209	1083	121	1204	964	238	1202			416	857
Oct 2009	45	57	6	63	61	0	61	6753.04	17	30	31
Nov 2009	39	25	5	30	30	0	30	6753.04	17	0	30
Dec 2009	35	85	5	90	90	0	90	6753.04	17	0	90
Jan 2010	30	86	3	89	89	0	89	6753.04	17	0	89
Feb 2010	26	61	3	64	64	0	64	6753.04	17	0	64
Mar 2010	40	37	6	43	43	0	43	6753.04	17	5	38
Apr 2010	100	53	14	67	67	0	67	6753.04	17	30	37
May 2010	245	83	30	113	113	0	113	6753.04	17	55	58
Jun 2010	275	66	30	96	96	0	96	6753.04	17	60	36
Jul 2010	105	93	10	103	103	0	103	6753.04	17	65	38
Aug 2010	56	125	3	128	128	0	128	6753.04	17	65	63
Sep 2010	49	111	5	116	116	0	116	6753.04	17	55	61
WY 2010	1045	882	120	1002	1000	0	1000			365	635
Oct 2010	44	72	6	78	78	0	78	6753.04	17	30	48
Nov 2010	38	31	5	36	36	0	36	6753.04	17	0	36
Dec 2010	32	102	5	107	107	0	107	6753.04	17	0	107
Jan 2011	31	94	5	99	99	0	99	6753.04	17	0	99
Feb 2011	29	63	4	67	67	0	67	6753.04	17	0	67
Mar 2011	46	47	7	54	54	0	54	6753.04	17	5	49
Apr 2011	96	61	12	73	73	0	73	6753.04	17	30	43
May 2011	272	99	35	134	134	0	134	6753.04	17	55	79
Jun 2011	330	92	38	130	130	0	130	6753.04	17	60	70
Jul 2011	144	118	17	135	134	1	135	6753.04	17	65	70
Aug 2011	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2011	45	116	6	122	122	0	122	6753.04	17	55	67
WY 2011	1183	1020	150	1170	1169	1	1170			365	805

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 10/2009 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
* Oct 2008	9	14	7640.18	65
H Nov 2008	5	2	7641.75	68
I Dec 2008	5	2	7643.06	71
S Jan 2009	5	2	7644.39	74
T Feb 2009	5	2	7645.61	77
O Mar 2009	8	4	7647.33	81
R Apr 2009	22	10	7652.11	92
I May 2009	102	66	7664.50	124
C Jun 2009	42	43	7664.64	124
A Jul 2009	0	0	7656.79	104
L Aug 2009	8	39	7643.59	72
* Sep 2009	7	30	7632.32	49
WY 2009	220	215		
Oct 2009	8	18	7626.51	39
Nov 2009	6	6	7626.77	39
Dec 2009	5	3	7627.87	41
Jan 2010	5	3	7628.66	42
Feb 2010	3	3	7629.02	43
Mar 2010	5	3	7630.30	45
Apr 2010	17	12	7632.91	50
May 2010	62	35	7645.62	77
Jun 2010	72	46	7656.09	102
Jul 2010	26	43	7648.95	84
Aug 2010	16	42	7637.00	58
Sep 2010	14	32	7627.10	40
WY 2010	240	246		
Oct 2010	14	19	7623.67	34
Nov 2010	8	6	7625.18	37
Dec 2010	6	5	7626.04	38
Jan 2011	5	5	7626.35	39
Feb 2011	5	4	7626.59	39
Mar 2011	8	5	7628.57	42
Apr 2011	22	12	7633.95	52
May 2011	69	43	7646.23	78
Jun 2011	78	59	7653.92	97
Jul 2011	31	43	7648.69	84
Aug 2011	19	42	7638.26	61
Sep 2011	17	32	7630.44	46
WY 2011	282	274		



OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 10/2009 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
* Oct 2008	28	0	34	2	11	32	6056.83	1308	45
H Nov 2008	21	0	17	1	0	30	6055.68	1294	47
I Dec 2008	19	0	16	1	0	31	6054.38	1277	48
S Jan 2009	23	0	20	1	1	32	6053.29	1264	54
T Feb 2009	28	1	24	1	0	28	6052.85	1260	50
O Mar 2009	76	6	65	2	5	31	6055.13	1288	61
R Apr 2009	125	19	97	2	19	30	6058.76	1337	69
I May 2009	361	52	275	4	29	59	6072.47	1515	251
C Jun 2009	146	24	120	5	36	115	6069.92	1479	184
A Jul 2009	29	4	43	5	43	53	6065.70	1422	77
L Aug 2009	-11	0	20	4	42	49	6059.96	1347	64
* Sep 2009	5	0	28	3	22	37	6057.32	1314	52
WY 2009	850	106	761	28	210	529			1002
Oct 2009	21	0	31	2	7	36	6056.20	1300	36
Nov 2009	29	0	28	1	0	30	6056.02	1298	30
Dec 2009	22	0	20	1	0	31	6055.10	1287	31
Jan 2010	20	0	19	1	0	31	6054.04	1274	31
Feb 2010	25	0	24	1	0	28	6053.68	1269	28
Mar 2010	74	1	71	2	4	31	6056.51	1304	31
Apr 2010	125	15	105	2	16	30	6061.01	1361	30
May 2010	245	34	184	4	28	85	6066.11	1427	85
Jun 2010	220	28	166	4	43	147	6063.94	1399	147
Jul 2010	48	4	61	5	46	31	6062.42	1379	31
Aug 2010	26	2	50	4	39	31	6060.61	1356	31
Sep 2010	35	1	52	3	22	30	6060.44	1353	30
WY 2010	890	85	811	28	205	539			539
Oct 2010	40	2	44	2	7	31	6060.80	1358	31
Nov 2010	33	0	30	1	1	30	6060.70	1357	30
Dec 2010	24	0	22	1	1	31	6059.91	1347	31
Jan 2011	22	0	21	1	0	31	6059.11	1337	31
Feb 2011	30	0	30	1	0	28	6059.19	1338	28
Mar 2011	88	2	83	2	4	31	6062.82	1384	31
Apr 2011	174	16	148	3	16	34	6069.92	1479	34
May 2011	279	33	219	4	28	200	6068.96	1466	200
Jun 2011	246	29	198	4	43	212	6064.38	1405	212
Jul 2011	74	7	79	5	46	31	6064.22	1402	31
Aug 2011	43	3	63	4	39	31	6063.48	1393	31
Sep 2011	42	1	56	3	22	30	6063.60	1394	30
WY 2011	1096	93	994	28	207	718			718

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 10/2009 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
* Oct 2008	382	498	38	749	0	749	3623.82	17344	14172	762
H Nov 2008	419	455	36	603	0	603	3621.90	17367	13966	612
I Dec 2008	312	386	28	801	0	801	3617.89	17349	13541	818
S Jan 2009	330	394	9	802	0	802	3614.17	17318	13155	822
T Feb 2009	325	377	9	602	0	602	3612.05	17300	12938	612
O Mar 2009	473	445	16	626	0	626	3610.43	17268	12774	632
R Apr 2009	788	669	25	604	0	604	3611.26	17224	12858	611
I May 2009	2921	2446	31	582	0	582	3629.09	17163	14751	586
C Jun 2009	2701	2217	54	664	0	664	3640.49	17353	16061	670
A Jul 2009	1394	1219	67	803	0	803	3641.14	17625	16138	828
L Aug 2009	323	536	66	802	0	802	3637.50	17721	15710	829
* Sep 2009	265	470	59	598	0	598	3635.37	17781	15463	613
WY 2009	10632	10111	437	8236	0	8236				8396
Oct 2009	400	496	43	615	0	615	3634.06	17769	15313	615
Nov 2009	450	496	36	690	0	690	3632.20	17752	15100	690
Dec 2009	400	534	29	855	0	855	3629.31	17726	14776	855
Jan 2010	350	491	22	955	0	955	3625.24	17690	14326	955
Feb 2010	350	448	20	800	0	800	3622.05	17662	13982	800
Mar 2010	600	585	25	900	0	900	3619.09	17637	13667	900
Apr 2010	900	774	28	1000	0	1000	3616.85	17618	13433	1000
May 2010	1950	1641	38	1010	0	1010	3622.05	17662	13982	1010
Jun 2010	2600	2232	45	1035	0	1035	3631.73	17748	15048	1035
Jul 2010	1100	1032	53	1090	0	1090	3630.82	17739	14945	1090
Aug 2010	475	606	53	1040	0	1040	3626.77	17703	14494	1040
Sep 2010	425	548	46	595	0	595	3625.98	17696	14408	595
WY 2010	10000	9882	437	10585	0	10585				10585
Oct 2010	514	589	41	615	0	615	3625.41	17691	14346	615
Nov 2010	523	567	34	600	0	600	3624.84	17686	14283	600
Dec 2010	414	562	28	800	0	800	3622.57	17667	14037	800
Jan 2011	384	525	21	800	0	800	3619.99	17645	13762	800
Feb 2011	394	476	20	600	0	600	3618.74	17634	13630	600
Mar 2011	628	583	25	600	0	600	3618.37	17631	13591	600
Apr 2011	950	775	28	700	0	700	3618.79	17635	13635	700
May 2011	2161	1886	39	830	0	830	3627.52	17710	14577	830
Jun 2011	2811	2435	47	1000	0	1000	3638.81	17813	15863	1000
Jul 2011	1346	1239	55	1050	0	1050	3639.86	17823	15987	1050
Aug 2011	566	671	56	1000	0	1000	3636.82	17794	15631	1000
Sep 2011	460	597	48	595	0	595	3636.45	17791	15588	595
WY 2011	11151	10905	441	9190	0	9190				9190

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 10/2009 Most Prob Water Supply Hoover Dam - Lake Mead 14-Oct-2009 08:32:50

	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 2008	749	47	47	508	8.3	26	498	794	1107.94	12213
H Nov 2008	603	74	47	675	11.3	15	659	790	1107.33	12157
I Dec 2008	801	62	41	453	7.4	8	432	812	1110.97	12496
S Jan 2009	802	63	34	741	12.1	9	739	817	1111.78	12572
T Feb 2009	602	82	31	679	12.2	9	669	815	1111.43	12539
O Mar 2009	626	62	34	1037	16.9	17	1036	791	1107.40	12164
R Apr 2009	604	36	42	1174	19.7	20	1169	754	1101.26	11604
I May 2009	582	63	47	977	15.9	33	968	729	1096.92	11217
C Jun 2009	664	11	56	750	12.6	25	748	720	1095.26	11071
A Jul 2009	803	38	70	840	13.7	30	838	714	1094.20	10978
L Aug 2009	802	59	74	801	13.0	30	792	711	1093.73	10938
* Sep 2009	598	55	61	575	9.7	22	569	711	1093.68	10933
WY 2009	8236	652	585	9211		242	9119			
Oct 2009	615	73	44	589	9.6	50	589	711	1093.73	10937
Nov 2009	690	73	45	584	9.8	39	584	717	1094.76	11027
Dec 2009	855	65	39	600	9.8	33	600	732	1097.41	11260
Jan 2010	955	131	32	690	11.2	19	690	753	1101.03	11584
Feb 2010	800	134	30	681	12.3	18	681	765	1103.17	11776
Mar 2010	900	96	34	1007	16.4	26	1007	761	1102.44	11710
Apr 2010	1000	75	42	1143	19.2	24	1143	753	1101.05	11585
May 2010	1010	70	48	1016	16.5	33	1016	752	1100.86	11568
Jun 2010	1035	24	58	898	15.1	31	898	756	1101.62	11636
Jul 2010	1090	61	72	901	14.6	33	901	765	1103.13	11773
Aug 2010	1040	110	78	812	13.2	34	812	779	1105.46	11985
Sep 2010	595	78	64	625	10.5	29	625	776	1105.00	11943
WY 2010	10585	990	584	9545		370	9545			
Oct 2010	615	73	47	473	7.7	38	473	784	1106.32	12065
Nov 2010	600	73	47	618	10.4	26	618	783	1106.13	12047
Dec 2010	800	65	41	441	7.2	20	441	805	1109.81	12388
Jan 2011	800	131	34	674	11.0	20	674	818	1111.84	12579
Feb 2011	600	134	31	674	12.1	19	674	818	1111.94	12588
Mar 2011	600	96	35	1006	16.4	27	1006	796	1108.22	12240
Apr 2011	700	75	42	1140	19.2	24	1140	769	1103.81	11835
May 2011	830	70	48	1009	16.4	33	1009	758	1101.83	11656
Jun 2011	1000	24	58	899	15.1	31	899	760	1102.21	11690
Jul 2011	1050	61	73	897	14.6	33	897	766	1103.33	11792
Aug 2011	1000	110	78	801	13.0	34	801	779	1105.37	11977
Sep 2011	595	78	64	616	10.4	29	616	776	1105.00	11943
WY 2011	9190	990	596	9249		335	9249			

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 10/2009 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
* Oct 2008	508	-18	632	0	632	10.3	633.37	1444
H Nov 2008	675	-23	603	0	603	10.1	635.28	1493
I Dec 2008	453	-23	339	0	339	5.5	638.77	1585
S Jan 2009	741	-25	655	0	655	10.6	641.08	1647
T Feb 2009	679	-18	629	0	629	11.3	642.29	1679
O Mar 2009	1037	-27	1035	0	1035	16.8	641.38	1655
R Apr 2009	1174	-30	1097	0	1097	18.4	643.11	1702
I May 2009	977	-28	916	0	916	14.9	644.36	1736
C Jun 2009	750	-28	788	0	788	13.2	641.92	1669
A Jul 2009	840	-20	835	0	835	13.6	641.37	1654
L Aug 2009	801	-31	756	0	756	12.3	641.90	1669
* Sep 2009	575	-16	726	0	726	12.2	635.60	1501
WY 2009	9211	-286	9008	0	9008			
Oct 2009	589	-4	587	0	587	9.5	635.50	1499
Nov 2009	584	-18	566	0	566	9.5	635.50	1499
Dec 2009	600	-20	496	0	496	8.1	638.71	1583
Jan 2010	690	-22	585	0	585	9.5	641.80	1666
Feb 2010	681	-15	666	0	666	12.0	641.80	1666
Mar 2010	1007	-26	947	0	947	15.4	643.05	1700
Apr 2010	1143	-28	1117	0	1117	18.8	643.00	1699
May 2010	1016	-35	981	0	981	16.0	643.00	1699
Jun 2010	898	-27	898	0	898	15.1	642.00	1671
Jul 2010	901	-23	891	0	891	14.5	641.50	1658
Aug 2010	812	-25	787	0	787	12.8	641.50	1658
Sep 2010	625	-17	702	0	702	11.8	638.00	1564
WY 2010	9545	-260	9222	0	9222			
Oct 2010	473	-4	599	0	599	9.7	633.00	1434
Nov 2010	618	-18	549	0	549	9.2	635.00	1486
Dec 2010	441	-20	324	0	324	5.3	638.71	1583
Jan 2011	674	-22	569	0	569	9.3	641.80	1666
Feb 2011	674	-15	659	0	659	11.9	641.80	1666
Mar 2011	1006	-26	945	0	945	15.4	643.05	1700
Apr 2011	1140	-28	1114	0	1114	18.7	643.00	1699
May 2011	1009	-35	974	0	974	15.8	643.00	1699
Jun 2011	899	-27	899	0	899	15.1	642.00	1671
Jul 2011	897	-23	888	0	888	14.4	641.50	1658
Aug 2011	801	-25	776	0	776	12.6	641.50	1658
Sep 2011	616	-17	693	0	693	11.6	638.00	1564
WY 2011	9249	-260	8989	0	8989			

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 10/2009 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
* Oct 2008	632	3	452	7.4	77	136	446.55	553	84	1.4
H Nov 2008	603	16	379	6.4	53	168	447.54	571	118	2.0
I Dec 2008	339	15	236	3.8	67	65	446.81	558	139	2.3
S Jan 2009	655	-6	379	6.2	100	171	446.67	555	121	2.0
T Feb 2009	629	3	397	7.2	82	162	446.08	544	162	2.9
O Mar 2009	1035	-7	736	12.0	99	180	446.75	557	208	3.4
R Apr 2009	1097	-5	784	13.2	98	172	448.75	595	205	3.4
I May 2009	916	-3	647	10.5	101	165	448.71	594	122	2.0
C Jun 2009	788	-6	595	10.0	98	94	448.49	590	113	1.9
A Jul 2009	835	-13	655	10.6	100	75	448.11	582	120	2.0
L Aug 2009	756	-3	582	9.5	100	70	448.19	584	101	1.6
* Sep 2009	726	-2	505	8.5	96	143	447.16	564	93	1.6
WY 2009	9008	-7	6347		1072	1602			1585	
Oct 2009	587	6	449	7.3	19	118	447.50	571	74	1.2
Nov 2009	566	13	363	6.1	104	112	447.50	571	103	1.7
Dec 2009	496	11	290	4.7	109	126	446.50	552	118	1.9
Jan 2010	585	25	341	5.5	100	169	446.50	552	119	1.9
Feb 2010	666	28	444	8.0	91	159	446.50	552	154	2.8
Mar 2010	947	30	703	11.4	101	170	446.70	555	204	3.3
Apr 2010	1117	-6	807	13.6	97	168	448.71	594	199	3.3
May 2010	981	-16	690	11.2	101	174	448.71	594	111	1.8
Jun 2010	898	-26	647	10.9	97	128	448.71	594	116	1.9
Jul 2010	891	-18	708	11.5	100	79	448.00	580	119	1.9
Aug 2010	787	-11	620	10.1	100	66	447.50	571	93	1.5
Sep 2010	702	-12	537	9.0	72	95	446.80	557	89	1.5
WY 2010	9222	24	6600		1092	1561			1499	
Oct 2010	599	6	451	7.3	25	137	446.31	548	74	1.2
Nov 2010	549	13	363	6.1	25	171	446.50	552	103	1.7
Dec 2010	324	11	291	4.7	26	19	446.50	552	118	1.9
Jan 2011	569	25	341	5.5	83	169	446.50	552	119	1.9
Feb 2011	659	28	452	8.1	75	160	446.50	552	149	2.7
Mar 2011	945	30	718	11.7	84	170	446.70	555	206	3.4
Apr 2011	1114	-6	820	13.8	81	168	448.71	594	200	3.4
May 2011	974	-16	700	11.4	84	175	448.71	594	113	1.8
Jun 2011	899	-26	664	11.2	81	128	448.71	594	115	1.9
Jul 2011	888	-18	722	11.7	83	79	448.00	580	119	1.9
Aug 2011	776	-11	625	10.2	83	66	447.50	571	93	1.5
Sep 2011	693	-12	539	9.1	61	95	446.80	557	89	1.5
WY 2011	8989	24	6685		791	1537			1499	

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 10/2009 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
* Oct 2008	508	8.3	1107.94	12213	201	0.00	1038.0	188.5	61	370.8
H Nov 2008	675	11.3	1107.33	12157	-56	0.00	926.0	263.1	55	389.9
I Dec 2008	453	7.4	1110.97	12496	339	0.00	1523.0	171.3	88	377.7
S Jan 2009	741	12.1	1111.78	12572	76	0.00	1305.0	299.0	75	403.3
T Feb 2009	679	12.2	1111.43	12539	-33	0.00	1415.0	263.8	81	388.5
O Mar 2009	1037	16.9	1107.40	12164	-376	0.00	950.0	415.9	55	401.2
R Apr 2009	1174	19.7	1101.26	11604	-560	0.00	1284.0	474.0	76	403.7
I May 2009	977	15.9	1096.92	11217	-387	0.00	1411.0	381.7	85	390.6
C Jun 2009	750	12.6	1095.26	11071	-146	0.00	1641.0	287.2	100	383.1
A Jul 2009	840	13.7	1094.20	10978	-93	0.00	1640.0	324.9	100	386.9
L Aug 2009	801	13.0	1093.73	10938	-41	0.00	1648.0	307.5	100	383.8
* Sep 2009	575	9.7	1093.68	10933	-4	0.00	1656.0	215.3	100	374.8
WY 2009	9210							3592.3		
Oct 2009	589	9.6	1093.73	10937	4	448.23	1158.0	234.4	70	398.3
Nov 2009	584	9.8	1094.76	11027	90	447.50	1351.0	231.6	82	396.9
Dec 2009	600	9.8	1097.41	11260	233	449.09	1241.0	239.3	74	399.1
Jan 2010	690	11.2	1101.03	11584	324	449.24	1397.0	275.6	83	399.2
Feb 2010	681	12.3	1103.17	11776	193	452.55	1182.0	278.9	70	409.8
Mar 2010	1007	16.4	1102.44	11710	-66	452.24	1272.0	412.7	75	409.8
Apr 2010	1143	19.2	1101.05	11585	-126	450.09	1375.0	474.6	81	415.1
May 2010	1016	16.5	1100.86	11568	-17	447.96	1586.0	407.2	94	400.7
Jun 2010	898	15.1	1101.62	11636	68	447.91	1693.0	360.7	100	401.7
Jul 2010	901	14.6	1103.13	11773	137	449.53	1701.0	361.5	100	401.4
Aug 2010	812	13.2	1105.46	11985	212	451.60	1713.0	330.5	100	407.0
Sep 2010	625	10.5	1105.00	11943	-42	453.67	1707.0	247.6	100	396.0
WY 2010	9545							3854.7		
Oct 2010	473	7.7	1106.32	12065	122	458.26	1396.0	191.1	81	404.1
Nov 2010	618	10.4	1106.13	12047	-18	460.53	1388.0	253.7	81	410.2
Dec 2010	441	7.2	1109.81	12388	341	459.69	1515.0	176.6	87	400.5
Jan 2011	674	11.0	1111.84	12579	191	461.05	1405.0	274.7	80	407.3
Feb 2011	674	12.1	1111.94	12588	9	460.27	1545.0	277.2	88	411.2
Mar 2011	1006	16.4	1108.22	12240	-348	459.48	1317.0	418.2	75	415.7
Apr 2011	1140	19.2	1103.81	11835	-405	454.34	1429.5	477.3	81	418.6
May 2011	1009	16.4	1101.83	11656	-179	449.81	1649.9	405.4	94	401.8
Jun 2011	899	15.1	1102.21	11690	34	448.69	1756.0	361.7	100	402.4
Jul 2011	897	14.6	1103.33	11792	102	449.93	1756.0	360.3	100	401.5
Aug 2011	801	13.0	1105.37	11977	186	451.65	1756.0	325.4	100	406.3
Sep 2011	616	10.4	1105.00	11943	-34	453.62	1756.0	247.8	100	402.2
WY 2011	9249							3769.3		

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 10/2009 Most Prob Water Supply      14-Oct-2009 08:32:50  
 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 2008	632	10.3	633.37	1444	-141	0.00	211.7	74.9	83	118.6
H Nov 2008	603	10.1	635.28	1493	49	0.00	186.2	71.8	73	119.1
I Dec 2008	339	5.5	638.77	1585	91	0.00	163.2	42.1	64	124.2
S Jan 2009	655	10.6	641.08	1647	62	0.00	155.6	80.8	61	123.4
T Feb 2009	629	11.3	642.29	1679	33	0.00	193.8	79.3	76	126.1
O Mar 2009	1035	16.8	641.38	1655	-25	0.00	255.0	121.2	100	117.1
R Apr 2009	1097	18.4	643.11	1702	47	0.00	255.0	135.7	100	123.7
I May 2009	916	14.9	644.36	1736	34	0.00	255.0	115.6	100	126.3
C Jun 2009	788	13.2	641.92	1669	-67	0.00	255.0	99.5	100	126.2
A Jul 2009	835	13.6	641.37	1654	-15	0.00	255.0	101.8	100	121.9
L Aug 2009	756	12.3	641.90	1669	14	0.00	255.0	94.4	100	124.8
* Sep 2009	726	12.2	635.60	1501	-167	0.00	255.0	89.2	100	122.8
WY 2009	9008							1106.2		
Oct 2009	587	9.5	635.50	1499	-3	129.30	216.8	70.7	85	120.4
Nov 2009	566	9.5	635.50	1499	0	130.30	183.6	68.1	72	120.4
Dec 2009	496	8.1	638.71	1583	84	131.82	188.7	60.7	74	122.4
Jan 2010	585	9.5	641.80	1666	83	135.19	186.2	73.0	73	124.7
Feb 2010	666	12.0	641.80	1666	0	136.23	204.0	83.4	80	125.2
Mar 2010	947	15.4	643.05	1700	34	135.64	247.3	118.0	97	124.6
Apr 2010	1117	18.8	643.00	1699	-2	136.07	255.0	138.7	100	124.2
May 2010	981	16.0	643.00	1699	0	136.04	255.0	122.6	100	125.0
Jun 2010	898	15.1	642.00	1671	-27	135.51	255.0	112.1	100	124.8
Jul 2010	891	14.5	641.50	1658	-14	134.73	255.0	110.8	100	124.3
Aug 2010	787	12.8	641.50	1658	0	134.46	255.0	98.1	100	124.6
Sep 2010	702	11.8	638.00	1564	-94	132.63	255.0	86.6	100	123.4
WY 2010	9222							1142.7		
Oct 2010	599	9.7	633.00	1434	-130	128.65	237.2	72.0	93	120.3
Nov 2010	549	9.2	635.00	1486	51	127.14	234.6	65.5	92	119.2
Dec 2010	324	5.3	638.71	1583	97	130.00	239.7	40.0	94	123.4
Jan 2011	569	9.3	641.80	1666	83	134.16	219.3	71.0	86	124.8
Feb 2011	659	11.9	641.80	1666	0	135.05	244.8	82.6	96	125.2
Mar 2011	945	15.4	643.05	1700	34	135.44	255.0	117.8	100	124.6
Apr 2011	1114	18.7	643.00	1699	-2	136.07	255.0	138.3	100	124.2
May 2011	974	15.8	643.00	1699	0	136.04	255.0	121.7	100	125.0
Jun 2011	899	15.1	642.00	1671	-27	135.51	255.0	112.2	100	124.8
Jul 2011	888	14.4	641.50	1658	-14	134.73	255.0	110.4	100	124.3
Aug 2011	776	12.6	641.50	1658	0	134.46	255.0	96.7	100	124.7
Sep 2011	693	11.6	638.00	1564	-94	132.63	255.0	85.6	100	123.5
WY 2011	8989							1113.8		

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 10/2009 Most Prob Water Supply  
 Parker Dam - Lake Havasu 14-Oct-2009 08:32:50

	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 2008	452	7.4	446.55	553	-31	0.00	90.0	31.2	75	68.9
H Nov 2008	379	6.4	447.54	571	18	0.00	90.0	26.2	75	69.1
I Dec 2008	236	3.8	446.81	558	-14	0.00	85.2	15.3	71	64.7
S Jan 2009	379	6.2	446.67	555	-3	0.00	78.0	25.9	65	68.2
T Feb 2009	397	7.2	446.08	544	-11	0.00	90.0	27.2	75	68.5
O Mar 2009	736	12.0	446.75	556	12	0.00	87.6	49.2	73	66.8
R Apr 2009	784	13.2	448.75	595	38	0.00	111.6	53.8	93	68.6
I May 2009	647	10.5	448.71	594	-1	0.00	120.0	44.9	100	69.4
C Jun 2009	595	10.0	448.49	590	-4	0.00	120.0	41.3	100	69.5
A Jul 2009	655	10.6	448.11	582	-7	0.00	120.0	43.4	100	66.3
L Aug 2009	582	9.5	448.19	584	2	0.00	118.8	39.9	99	68.6
* Sep 2009	505	8.5	447.16	564	-19	0.00	87.6	35.0	73	69.2
WY 2009	6347							433.2		
Oct 2009	449	7.3	447.50	570	6	76.13	90.0	29.5	75	65.7
Nov 2009	363	6.1	447.50	570	0	77.88	63.6	24.2	53	66.8
Dec 2009	290	4.7	446.50	552	-19	76.76	73.2	18.7	61	64.5
Jan 2010	341	5.5	446.50	552	0	76.74	66.0	22.3	55	65.5
Feb 2010	444	8.0	446.50	552	0	75.13	93.6	29.0	78	65.2
Mar 2010	703	11.4	446.70	555	4	74.01	120.0	45.6	100	64.9
Apr 2010	807	13.6	448.71	594	38	75.09	120.0	53.3	100	66.0
May 2010	690	11.2	448.71	594	0	76.06	120.0	45.9	100	66.5
Jun 2010	647	10.9	448.71	594	0	76.06	120.0	42.9	100	66.4
Jul 2010	708	11.5	448.00	580	-14	75.72	120.0	46.9	100	66.2
Aug 2010	620	10.1	447.50	571	-10	75.13	120.0	40.6	100	65.5
Sep 2010	537	9.0	446.80	557	-13	74.55	120.0	34.8	100	64.9
WY 2010	6600							433.9		
Oct 2010	451	7.3	446.31	548	-9	73.97	120.0	28.8	100	63.9
Nov 2010	363	6.1	446.50	552	3	75.04	93.6	23.3	78	64.3
Dec 2010	291	4.7	446.50	552	0	74.66	103.2	18.3	86	62.9
Jan 2011	341	5.5	446.50	552	0	75.01	96.0	21.8	80	63.9
Feb 2011	452	8.1	446.50	552	0	74.71	102.0	29.3	85	64.9
Mar 2011	718	11.7	446.70	555	4	74.01	120.0	46.6	100	65.0
Apr 2011	820	13.8	448.71	594	38	75.09	120.0	54.2	100	66.1
May 2011	700	11.4	448.71	594	0	76.06	120.0	46.5	100	66.5
Jun 2011	664	11.2	448.71	594	0	76.06	120.0	44.1	100	66.4
Jul 2011	722	11.7	448.00	580	-14	75.72	120.0	47.8	100	66.3
Aug 2011	625	10.2	447.50	571	-10	75.13	120.0	41.0	100	65.5
Sep 2011	539	9.1	446.80	557	-13	74.55	120.0	34.9	100	64.9
WY 2011	6685							436.8		



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

Bureau of Reclamation - CRFS 10/2009 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
* Oct 2008	334	27	25	30	17	5
H Nov 2008	267	25	9	12	6	4
I Dec 2008	355	30	10	14	7	2
S Jan 2009	352	31	11	15	6	4
T Feb 2009	262	24	12	15	4	3
O Mar 2009	271	20	14	15	10	3
Winter 2009	1840	156	81	101	50	21
R Apr 2009	260	19	17	24	16	3
I May 2009	256	57	33	55	23	4
C Jun 2009	301	38	54	66	22	8
A Jul 2009	371	47	45	53	22	8
L Aug 2009	368	50	39	46	23	9
* Sep 2009	275	48	28	35	20	6
Summer 2009	1832	259	216	278	125	38
Oct 2009	261	40	18	20	10	1
Nov 2009	292	38	7	9	5	0
Dec 2009	360	39	25	31	16	6
Jan 2010	399	41	24	31	15	5
Feb 2010	331	36	17	22	11	4
Mar 2010	371	33	10	13	7	5
Winter 2010	2013	227	101	126	65	21
Apr 2010	411	32	12	19	12	6
May 2010	416	51	17	30	20	7
Jun 2010	432	67	14	24	17	9
Jul 2010	458	37	27	33	18	10
Aug 2010	435	37	38	45	22	10
Sep 2010	248	36	32	40	20	4
Summer 2010	2399	260	141	191	108	44
Oct 2010	256	37	21	26	13	5
Nov 2010	249	36	9	11	6	6
Dec 2010	332	37	30	37	19	6
Jan 2011	330	38	27	34	17	6
Feb 2011	247	33	17	23	12	5
Mar 2011	246	37	12	17	9	5
Winter 2011	1660	219	115	147	76	32
Apr 2011	288	36	14	22	13	5
May 2011	344	52	22	36	23	7
Jun 2011	422	68	22	33	22	9
Jul 2011	448	41	35	43	23	10
Aug 2011	426	41	38	45	23	10
Sep 2011	252	40	35	42	21	3
Summer 2011	2180	279	166	220	126	44

model\_run\_id = 2035

FLOOD CONTROL CRITERIA  
BEGINNING OF MONTH CONDITIONS

MON	YEAR	FLAMING	BLUE		LAKE	UPPER			FLAMING	BLUE		TOT OR	LAKE	LAKE		BOM	MEAD	MEAD	SYS	
		GORGE KAF	MESA KAF	NAVAJO KAF	POWELL KAF	BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF		GORGE KAF	MESA KAF	NAVAJO KAF	MAX ALLOW KAF	POWELL KAF	MEAD KAF	TOTAL KAF	SPACE REQD KAF	SCHED REL KAF	FC REL KAF	CONT 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 * * * *										
OCT	2009	426	179	382	8857	9843	16447	26290	426	179	382	986	8857	16447	26290	3040	589		0	34.1
NOV	2009	490	199	396	9007	10092	16443	26535	490	199	396	1085	9007	16443	26535	3810	584		0	33.9
DEC	2009	547	192	398	9220	10357	16353	26710	547	192	398	1137	9220	16353	26710	4580	600		0	33.7
JAN	2010	619	248	409	9544	10820	16120	26940	619	248	409	1276	9544	16120	26940	5350	690		0	33.5
		* * * * P R E D I C T E D S P A C E * * * *								* * * * E F F E C T I V E S P A C E * * * *										
JAN	2010	619	248	409	9544	10820	16120	26940	246	246	248	740	9544	16120	26403	5350	690		0	33.5
FEB	2010	691	308	422	9994	11414	15796	27211	317	305	260	882	9994	15796	26672	1500	681		0	33.3
MAR	2010	750	346	427	10338	11860	15604	27464	374	343	263	981	10338	15604	26922	1500	1007		0	32.9
APR	2010	774	349	392	10653	12168	15670	27837	395	346	223	964	10653	15670	27286	1500	1143		0	32.7
MAY	2010	751	317	335	10887	12291	15795	28086	366	313	148	827	10887	15795	27510	1500	1016		0	33.5
JUN	2010	680	193	269	10338	11480	15812	27292	286	181	49	517	10338	15812	26667	1500	898		0	35.0
JUL	2010	508	34	297	9272	10111	15744	25854	99	2	30	131	9272	15744	25147	1500	901		0	35.0
		* * * * P R E D I C T E D S P A C E * * * *								* * * * C R E D I T A B L E S P A C E * * * *										
AUG	2010	427	27	317	9375	10146	15607	25753	427	27	317	771	9375	15607	25753	1500	812		0	34.7
SEP	2010	455	86	340	9826	10708	15395	26102	455	86	340	882	9826	15395	26102	2270	625		0	34.3
OCT	2010	505	146	343	9912	10906	15437	26343	505	146	343	994	9912	15437	26343	3040	473		0	34.1
NOV	2010	555	176	338	9974	11044	15315	26359	555	176	338	1069	9974	15315	26359	3810	618		0	34.1
DEC	2010	606	173	339	10037	11155	15333	26488	606	173	339	1118	10037	15333	26488	4580	441		0	34.1
JAN	2011	672	248	349	10283	11553	14992	26545	672	248	349	1270	10283	14992	26545	5350	674		0	34.0
		* * * * P R E D I C T E D S P A C E * * * *								* * * * E F F E C T I V E S P A C E * * * *										
JAN	2011	672	248	349	10283	11553	14992	26545	376	248	212	836	10283	14992	26111	5350	674		0	34.0
FEB	2011	738	315	359	10558	11970	14801	26771	440	315	221	976	10558	14801	26335	1500	674		0	33.8
MAR	2011	786	352	358	10690	12187	14792	26979	487	352	219	1058	10690	14792	26540	1500	1006		0	33.4
APR	2011	788	360	312	10729	12189	15140	27329	484	360	167	1012	10729	15140	26881	1500	1140		0	33.3
MAY	2011	751	338	217	10685	11991	15545	27536	441	338	53	832	10685	15545	27062	1500	1009		0	34.3
JUN	2011	642	212	230	9743	10827	15724	26551	321	210	34	564	9743	15724	26032	1500	899		0	35.9
JUL	2011	444	36	291	8457	9229	15690	24919	107	9	48	164	8457	15690	24312	1500	897		0	36.2
		* * * * P R E D I C T E D S P A C E * * * *								* * * * C R E D I T A B L E S P A C E * * * *										
AUG	2011	355	27	294	8333	9009	15588	24598	355	27	294	676	8333	15588	24598	1500	801		0	35.9
SEP	2011	386	77	303	8689	9455	15403	24858	386	77	303	766	8689	15403	24858	2270	616		0	35.6