

To: All Annual Operating Plan Recipients

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

The April 24-Month Study projected the end of water year elevation at Lake Powell to be below the 2009 Equalization Elevation of 3639 feet and the projected end of water year elevation at Lake Mead to be above elevation 1075 feet. Pursuant to Sections 6.B.1. and 6.B.4. of the Interim Guidelines, the annual release volume will be 8.23 million acre-feet from Glen Canyon Dam during water year 2009 which is reflected in this June 24-Month Study.

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/rsrvs/ops/aop/AOP09_final.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 May 2009 was 2.928 maf or 127% of the 30 year average. The forecast for June 2009 unregulated inflow into Lake Powell is 2.300 maf or 75% of the 30 year average. The forecast for the April through July unregulated inflow is 7.097 maf or 90% of average.

In this study, the Calendar Year (CY) 2009 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.975 maf. The CY 2009 diversion for the Central Arizona Project (CAP) is forecasted to be 1.510 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.323 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 Power and O&M Group, Boulder Canyon Operations 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 6/2009 Most Prob Water Supply
Fontenelle Reservoir

09-Jun-2009 15:35:33

	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
* Jun 2008	224	2	100	0	101	6499.83	298
H Jul 2008	173	3	104	34	138	6503.99	330
I Aug 2008	47	2	91	0	91	6497.83	283
S Sep 2008	36	2	63	0	63	6493.80	254
WY 2008	838	14	712	44	756		
T Oct 2008	43	1	65	0	65	6490.51	231
O Nov 2008	41	1	48	13	61	6487.43	211
R Dec 2008	30	1	26	35	60	6482.26	180
I Jan 2009	33	1	61	0	61	6476.93	151
C Feb 2009	27	0	53	0	53	6471.15	124
A Mar 2009	46	0	59	0	59	6467.98	111
L Apr 2009	91	1	57	0	57	6475.63	145
* May 2009	152	1	62	1	64	6490.46	231
Jun 2009	310	2	105	136	241	6499.89	298
Jul 2009	155	3	101	10	111	6505.25	340
Aug 2009	65	2	92	0	92	6501.46	310
Sep 2009	42	2	60	5	65	6498.10	285
WY 2009	1033	15	788	200	987		
Oct 2009	45	1	67	0	67	6494.85	261
Nov 2009	41	1	65	0	65	6491.25	236
Dec 2009	32	1	67	0	67	6485.71	200
Jan 2010	30	1	67	0	67	6479.10	162
Feb 2010	27	0	61	0	61	6472.02	128
Mar 2010	51	0	67	0	67	6468.12	111
Apr 2010	89	1	83	0	83	6469.31	116
May 2010	176	1	99	6	105	6483.46	187
Jun 2010	308	2	103	93	196	6499.59	296
Jul 2010	186	3	101	37	138	6505.40	341
Aug 2010	83	2	100	5	105	6502.34	317
Sep 2010	49	2	68	0	68	6499.61	296
WY 2010	1116	15	949	141	1090		
Oct 2010	49	1	70	0	70	6496.54	273
Nov 2010	41	1	68	0	68	6492.65	246
Dec 2010	32	1	70	0	70	6486.85	208
Jan 2011	30	1	70	0	70	6480.05	167
Feb 2011	27	0	63	0	63	6472.60	131
Mar 2011	51	0	70	0	70	6468.14	111
Apr 2011	89	1	83	0	83	6469.32	116
May 2011	176	1	99	5	104	6483.57	187

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 6/2009 Most Prob Water Supply
Flaming Gorge 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	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
* Jun 2008	284	161	10	177	0	177	84	6021.15	3020	723	917
H Jul 2008	188	153	12	93	0	93	86	6022.43	3066	152	306
I Aug 2008	48	92	12	92	0	92	85	6022.11	3055	29	132
S Sep 2008	40	67	10	89	0	89	84	6021.25	3024	22	126
WY 2008	1018	937	75	893	10	903					3017
T Oct 2008	45	67	7	71	0	71	83	6020.97	3014	21	119
O Nov 2008	47	66	3	65	0	65	83	6020.91	3012	0	107
R Dec 2008	17	48	2	79	0	79	82	6020.01	2980	0	116
I Jan 2009	39	67	2	80	0	80	82	6019.63	2967	0	752
C Feb 2009	37	64	2	62	0	62	82	6019.63	2967	0	104
A Mar 2009	62	75	3	52	0	52	82	6020.18	2986	0	142
L Apr 2009	127	93	5	50	0	50	84	6021.21	3023	0	307
* May 2009	212	125	7	150	0	150	83	6020.33	2991	747	884
Jun 2009	345	276	10	98	0	98	89	6024.79	3153	0	98
Jul 2009	165	121	13	101	0	101	89	6024.95	3158	0	101
Aug 2009	70	97	12	101	0	101	89	6024.53	3143	0	101
Sep 2009	48	71	11	98	0	98	87	6023.54	3107	0	98
WY 2009	1215	1169	77	1007	0	1007					2930
Oct 2009	54	76	7	77	0	77	87	6023.32	3099	0	77
Nov 2009	51	76	3	81	0	81	86	6023.08	3090	0	81
Dec 2009	37	72	2	85	0	85	86	6022.70	3076	0	85
Jan 2010	41	79	2	85	0	85	86	6022.50	3069	0	85
Feb 2010	45	79	2	76	0	76	86	6022.52	3069	0	76
Mar 2010	103	120	3	56	0	56	88	6024.12	3128	0	56
Apr 2010	142	137	5	49	0	49	91	6026.27	3208	0	49
May 2010	263	192	8	100	0	100	94	6028.41	3288	0	100
Jun 2010	400	288	11	196	0	196	98	6030.45	3366	0	196
Jul 2010	219	172	14	112	0	112	99	6031.58	3410	0	112
Aug 2010	97	118	13	112	0	112	99	6031.41	3404	0	112
Sep 2010	58	77	11	109	0	109	97	6030.36	3363	0	109
WY 2010	1511	1485	80	1138	0	1138					1138
Oct 2010	59	81	7	112	0	112	96	6029.39	3325	0	112
Nov 2010	51	78	3	109	0	109	95	6028.53	3293	0	109
Dec 2010	37	74	2	112	0	112	93	6027.53	3255	0	112
Jan 2011	41	81	2	112	0	112	92	6026.68	3223	0	112
Feb 2011	45	81	2	101	0	101	91	6026.11	3202	0	101
Mar 2011	103	122	3	112	0	112	91	6026.29	3208	0	112
Apr 2011	142	137	5	109	0	109	92	6026.89	3230	0	109
May 2011	263	191	8	140	0	140	94	6027.98	3272	0	140

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

Bureau of Reclamation - CRFS 6/2009 Most Prob Water Supply
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
* Jun 2008	65	40	9324.75	96
H Jul 2008	29	34	9322.03	91
I Aug 2008	12	23	9315.69	79
S Sep 2008	8	15	9311.36	72
WY 2008	184	189		
T Oct 2008	7	7	9311.31	72
O Nov 2008	5	5	9311.19	72
R Dec 2008	5	5	9311.34	72
I Jan 2009	5	5	9311.21	72
C Feb 2009	4	5	9310.95	71
A Mar 2009	4	5	9310.68	71
L Apr 2009	11	5	9314.31	77
* May 2009	46	21	9328.38	103
Jun 2009	38	36	9329.37	105
Jul 2009	17	24	9325.79	98
Aug 2009	9	18	9321.10	89
Sep 2009	7	14	9316.95	82
WY 2009	158	149		
Oct 2009	6	8	9315.74	79
Nov 2009	5	6	9315.09	78
Dec 2009	4	6	9314.16	77
Jan 2010	4	6	9313.07	75
Feb 2010	4	6	9311.69	73
Mar 2010	4	6	9310.60	71
Apr 2010	8	8	9310.81	71
May 2010	27	18	9316.30	80
Jun 2010	43	20	9328.54	103
Jul 2010	20	22	9327.74	102
Aug 2010	10	22	9321.50	90
Sep 2010	7	15	9317.04	82
WY 2010	143	143		
Oct 2010	6	10	9314.78	78
Nov 2010	5	6	9314.11	77
Dec 2010	4	6	9313.17	75
Jan 2011	4	6	9312.07	73
Feb 2011	4	6	9310.67	71
Mar 2011	4	6	9309.56	69
Apr 2011	8	8	9309.77	70
May 2011	27	16	9316.50	81

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 6/2009 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
* Jun 2008	409	383	1	143	20	163	7503.56	691
H Jul 2008	172	176	1	103	0	103	7511.87	762
I Aug 2008	70	82	1	119	0	119	7507.44	724
S Sep 2008	35	42	1	115	0	115	7498.61	650
WY 2008	1324	1329	8	1287	70	1357		
T Oct 2008	33	33	1	85	0	85	7492.14	598
O Nov 2008	27	28	0	33	0	33	7491.42	592
R Dec 2008	28	27	0	36	0	36	7490.25	583
I Jan 2009	26	27	0	39	0	39	7488.62	571
C Feb 2009	24	24	0	42	0	42	7486.19	552
A Mar 2009	40	40	0	49	0	49	7484.97	543
L Apr 2009	104	99	1	61	0	61	7489.84	580
* May 2009	344	317	1	110	10	120	7513.48	776
Jun 2009	240	238	2	195	0	195	7518.10	818
Jul 2009	100	107	2	121	0	121	7516.40	802
Aug 2009	56	65	1	123	0	123	7509.69	743
Sep 2009	34	41	1	111	0	111	7501.38	673
WY 2009	1055	1047	9	1005	10	1015		
Oct 2009	34	36	1	76	0	76	7496.43	632
Nov 2009	31	32	0	46	0	46	7494.62	618
Dec 2009	25	27	0	63	0	63	7490.00	581
Jan 2010	24	26	0	73	0	73	7483.80	534
Feb 2010	22	24	0	62	0	62	7478.55	495
Mar 2010	34	36	0	63	0	63	7474.75	468
Apr 2010	73	73	1	64	0	64	7475.92	477
May 2010	212	203	1	69	0	69	7493.59	610
Jun 2010	271	248	1	69	0	69	7514.77	788
Jul 2010	121	122	2	106	0	106	7516.40	803
Aug 2010	62	74	1	122	0	122	7510.78	753
Sep 2010	36	44	1	113	0	113	7502.61	683
WY 2010	945	945	9	926	0	926		
Oct 2010	35	39	1	78	0	78	7497.80	643
Nov 2010	31	32	0	48	0	48	7495.75	627
Dec 2010	25	27	0	72	0	72	7490.00	581
Jan 2011	24	26	0	73	0	73	7483.80	534
Feb 2011	22	24	0	62	0	62	7478.55	496
Mar 2011	34	36	0	63	0	63	7474.75	468
Apr 2011	73	73	1	64	0	64	7475.92	477
May 2011	212	201	1	63	0	63	7494.10	614

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 6/2009 Most Prob Water Supply
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
* Jun 2008	432	163	23	186	0	177	4	180	7152.31	111
H Jul 2008	178	103	6	109	0	108	0	108	7152.94	111
I Aug 2008	71	119	0	120	0	117	0	117	7156.16	114
S Sep 2008	35	115	0	115	0	115	0	115	7155.78	114
WY 2008	1358	1357	34	1392	1	1365	27	1392		
T Oct 2008	33	85	0	85	0	86	0	86	7153.95	112
O Nov 2008	29	33	2	35	0	35	0	35	7153.60	112
R Dec 2008	29	36	2	38	0	39	0	39	7152.11	111
I Jan 2009	28	39	1	40	0	43	0	43	7148.12	108
C Feb 2009	24	42	1	43	0	45	0	45	7145.98	106
A Mar 2009	42	49	2	51	0	43	6	49	7147.72	107
L Apr 2009	119	61	14	75	0	69	0	69	7155.78	114
* May 2009	377	120	34	154	0	153	2	155	7154.23	112
Jun 2009	259	195	19	214	0	214	0	214	7153.73	112
Jul 2009	106	121	6	126	0	126	0	126	7153.73	112
Aug 2009	59	123	3	126	0	126	0	126	7153.73	112
Sep 2009	37	111	3	114	0	114	0	114	7153.73	112
WY 2009	1141	1015	85	1100	0	1093	8	1101		
Oct 2009	37	76	3	79	0	79	0	79	7153.73	112
Nov 2009	33	46	2	48	0	48	0	48	7153.73	112
Dec 2009	27	63	2	65	0	65	0	65	7153.73	112
Jan 2010	26	73	2	75	0	75	0	75	7153.73	112
Feb 2010	25	62	3	65	0	65	0	65	7153.73	112
Mar 2010	38	63	4	67	0	67	0	67	7153.73	112
Apr 2010	84	64	11	75	0	75	0	75	7153.73	112
May 2010	237	69	25	94	0	94	0	94	7153.73	112
Jun 2010	292	69	21	90	0	90	0	90	7153.73	112
Jul 2010	127	106	7	113	0	113	0	113	7153.73	112
Aug 2010	65	122	4	126	0	126	0	126	7153.73	112
Sep 2010	39	113	3	116	0	116	0	116	7153.73	112
WY 2010	1031	926	86	1012	0	1012	0	1012		
Oct 2010	38	78	3	81	0	81	0	81	7153.73	112
Nov 2010	33	48	2	50	0	50	0	50	7153.73	112
Dec 2010	27	72	2	74	0	74	0	74	7153.73	112
Jan 2011	26	73	2	75	0	75	0	75	7153.73	112
Feb 2011	25	62	3	65	0	65	0	65	7153.73	112
Mar 2011	38	63	4	67	0	67	0	67	7153.73	112
Apr 2011	84	64	11	75	0	75	0	75	7153.73	112
May 2011	237	63	25	88	0	88	0	88	7153.73	112

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 6/2009 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
* Jun 2008	484	180	52	232	118	116	234	6753.95	17	47	201
H Jul 2008	191	108	13	121	123	0	123	6747.80	15	62	73
I Aug 2008	75	117	5	122	123	0	123	6742.41	14	66	66
S Sep 2008	38	115	3	118	118	0	118	6741.71	14	61	63
WY 2008	1520	1392	162	1554	1164	392	1555			356	1283
T Oct 2008	36	86	3	89	89	0	89	6744.34	15	55	45
O Nov 2008	33	35	4	38	39	0	39	6742.20	14	1	40
R Dec 2008	32	39	3	42	42	0	42	6742.53	14	1	43
I Jan 2009	31	43	4	47	38	9	47	6741.02	14	1	49
C Feb 2009	28	45	3	48	24	20	45	6752.05	17	1	46
A Mar 2009	47	49	5	55	55	0	55	6751.30	16	9	47
L Apr 2009	130	69	12	81	80	0	80	6752.70	17	35	48
* May 2009	430	155	53	208	120	87	208	6752.57	17	55	159
Jun 2009	290	214	31	245	130	115	245	6753.04	17	60	185
Jul 2009	115	126	9	136	134	2	136	6753.04	17	65	71
Aug 2009	65	126	6	132	132	0	132	6753.04	17	65	67
Sep 2009	42	114	5	119	119	0	119	6753.04	17	55	64
WY 2009	1279	1101	139	1240	1003	234	1237			401	864
Oct 2009	43	79	6	85	85	0	85	6753.04	17	30	55
Nov 2009	38	48	5	53	53	0	53	6753.04	17	0	53
Dec 2009	32	65	5	70	70	0	70	6753.04	17	0	70
Jan 2010	31	75	5	80	80	0	80	6753.04	17	0	80
Feb 2010	29	65	4	69	69	0	69	6753.04	17	0	69
Mar 2010	46	67	7	74	74	0	74	6753.04	17	5	69
Apr 2010	96	75	12	87	87	0	87	6753.04	17	30	57
May 2010	272	94	35	129	129	0	129	6753.04	17	55	74
Jun 2010	330	90	38	128	128	0	128	6753.04	17	60	68
Jul 2010	144	113	17	130	130	0	130	6753.04	17	65	65
Aug 2010	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2010	45	116	6	122	122	0	122	6753.04	17	55	67
WY 2010	1181	1012	150	1162	1162	0	1162			365	797
Oct 2010	44	81	7	87	87	0	87	6753.04	17	30	57
Nov 2010	38	50	5	55	55	0	55	6753.04	17	0	55
Dec 2010	32	74	5	79	79	0	79	6753.04	17	0	79
Jan 2011	31	75	5	80	80	0	80	6753.04	17	0	80
Feb 2011	29	65	4	69	69	0	69	6753.04	17	0	69
Mar 2011	46	67	7	74	74	0	74	6753.04	17	5	69
Apr 2011	96	75	12	87	87	0	87	6753.04	17	30	57
May 2011	272	88	35	123	123	0	123	6753.04	17	55	68

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 6/2009 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
* Jun 2008	84	43	7663.79	122
H Jul 2008	32	39	7660.68	114
I Aug 2008	15	38	7651.24	90
S Sep 2008	11	31	7642.57	70
WY 2008	309	319		
T Oct 2008	9	14	7640.18	65
O Nov 2008	5	2	7641.75	68
R Dec 2008	5	2	7643.06	71
I Jan 2009	5	2	7644.39	74
C Feb 2009	5	2	7645.61	77
A Mar 2009	8	4	7647.33	81
L Apr 2009	22	10	7652.11	92
* May 2009	99	66	7664.50	124
Jun 2009	38	43	7662.43	118
Jul 2009	16	40	7652.85	94
Aug 2009	14	36	7643.08	71
Sep 2009	14	27	7636.71	57
WY 2009	241	249		
Oct 2009	12	18	7633.63	51
Nov 2009	8	6	7634.73	54
Dec 2009	6	3	7636.15	56
Jan 2010	5	3	7637.14	58
Feb 2010	5	3	7637.99	60
Mar 2010	8	3	7640.27	65
Apr 2010	22	12	7644.69	75
May 2010	69	37	7657.67	106
Jun 2010	78	59	7664.67	125
Jul 2010	31	43	7659.89	112
Aug 2010	19	42	7650.64	89
Sep 2010	17	32	7644.16	73
WY 2010	280	261		
Oct 2010	13	19	7641.31	67
Nov 2010	8	7	7641.82	68
Dec 2010	6	5	7642.23	69
Jan 2011	5	5	7642.45	70
Feb 2011	5	4	7642.60	70
Mar 2011	8	5	7644.07	73
Apr 2011	22	13	7647.86	82
May 2011	69	43	7658.37	108

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 6/2009 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
* Jun 2008	310	49	217	4	39	224	6061.77	1370	411
H Jul 2008	82	14	74	4	40	32	6061.63	1369	103
I Aug 2008	31	3	52	4	36	40	6059.46	1341	58
S Sep 2008	31	2	48	3	22	45	6057.74	1319	57
WY 2008	1355	146	1219	28	206	1185			1887
T Oct 2008	28	0	34	2	11	32	6056.83	1308	45
O Nov 2008	21	0	17	1	0	30	6055.68	1294	47
R Dec 2008	19	0	16	1	0	31	6054.38	1278	48
I Jan 2009	23	0	20	1	1	32	6053.29	1265	54
C Feb 2009	28	1	24	1	0	28	6052.85	1259	49
A Mar 2009	76	6	65	2	5	31	6055.13	1287	0
L Apr 2009	125	19	97	2	19	30	6058.76	1332	69
* May 2009	361	52	275	4	29	59	6072.47	1515	264
Jun 2009	165	13	157	5	39	119	6072.04	1509	119
Jul 2009	60	4	80	5	41	49	6070.91	1493	49
Aug 2009	45	4	63	4	35	49	6069.09	1468	49
Sep 2009	43	1	55	3	20	48	6067.98	1453	48
WY 2009	994	102	903	29	202	539			840
Oct 2009	38	2	43	2	7	31	6068.19	1456	31
Nov 2009	33	0	30	1	0	30	6068.16	1455	30
Dec 2009	24	0	21	1	0	31	6067.40	1445	31
Jan 2010	22	0	20	1	0	31	6066.53	1433	31
Feb 2010	30	0	28	1	0	28	6066.50	1433	28
Mar 2010	88	2	82	2	4	61	6067.56	1447	61
Apr 2010	174	16	148	3	16	60	6072.57	1517	60
May 2010	279	33	214	4	28	200	6071.24	1498	200
Jun 2010	246	29	198	5	43	212	6066.73	1436	212
Jul 2010	74	7	79	5	46	31	6066.56	1434	31
Aug 2010	43	3	63	4	39	31	6065.84	1424	31
Sep 2010	42	1	56	3	22	30	6065.95	1425	30
WY 2010	1094	93	982	29	205	775			775
Oct 2010	38	0	44	2	7	31	6066.26	1430	31
Nov 2010	33	0	32	1	1	30	6066.24	1429	30
Dec 2010	24	0	23	1	1	31	6065.53	1420	31
Jan 2011	22	0	21	1	0	31	6064.76	1410	31
Feb 2011	30	0	30	1	0	28	6064.84	1411	28
Mar 2011	88	2	83	2	4	31	6068.30	1457	31
Apr 2011	174	16	149	3	16	34	6075.14	1553	34
May 2011	279	33	219	4	28	200	6074.22	1540	200

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

Bureau of Reclamation - CRFS 6/2009 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
* Jun 2008	3566	3330	49	791	0	791	3631.05	17042	14971	810
H Jul 2008	1709	1430	63	865	0	865	3633.00	17320	15192	887
I Aug 2008	489	596	62	890	0	890	3629.55	17353	14803	914
S Sep 2008	390	555	56	723	0	723	3626.90	17423	14509	738
WY 2008	12344	12417	396	8885	93	8978				9164
T Oct 2008	382	498	38	749	0	749	3623.82	17470	14172	762
O Nov 2008	419	455	36	603	0	603	3621.90	17493	13966	612
R Dec 2008	312	386	28	801	0	801	3617.89	17478	13541	818
I Jan 2009	329	394	9	802	0	802	3614.17	17444	13155	822
C Feb 2009	323	377	9	602	0	602	3612.05	17426	12938	612
A Mar 2009	470	445	16	626	0	626	3610.43	17393	12774	632
L Apr 2009	788	669	25	604	0	604	3611.26	17350	12858	611
* May 2009	2923	2448	31	582	0	582	3629.09	17291	14751	586
Jun 2009	2300	2015	47	625	0	625	3639.93	17391	15994	625
Jul 2009	1080	1072	55	830	0	830	3641.39	17404	16168	830
Aug 2009	500	642	57	812	0	812	3639.62	17388	15958	812
Sep 2009	424	576	49	595	0	595	3639.09	17383	15896	595
WY 2009	10249	9977	400	8230	0	8230				8317
Oct 2009	487	553	44	615	0	615	3638.26	17375	15798	615
Nov 2009	523	566	36	600	0	600	3637.70	17370	15733	600
Dec 2009	418	510	30	800	0	800	3635.14	17346	15436	800
Jan 2010	384	486	23	900	0	900	3631.59	17314	15032	900
Feb 2010	395	464	21	800	0	800	3628.64	17287	14701	800
Mar 2010	628	588	26	900	0	900	3625.81	17262	14389	900
Apr 2010	952	768	29	900	0	900	3624.44	17250	14240	900
May 2010	2161	1838	40	997	0	997	3631.14	17310	14981	997
Jun 2010	2808	2441	48	1078	0	1078	3641.65	17407	16199	1078
Jul 2010	1345	1233	56	1180	0	1180	3641.63	17407	16197	1180
Aug 2010	566	671	56	1125	0	1125	3637.63	17369	15724	1125
Sep 2010	459	597	48	595	0	595	3637.25	17366	15681	595
WY 2010	11127	10714	456	10490	0	10490				10490
Oct 2010	506	602	44	615	0	615	3636.81	17361	15629	615
Nov 2010	523	596	36	600	0	600	3636.49	17358	15592	600
Dec 2010	418	548	30	800	0	800	3634.22	17338	15331	800
Jan 2011	384	514	23	850	0	850	3631.29	17311	14998	850
Feb 2011	395	489	21	675	0	675	3629.59	17296	14807	675
Mar 2011	628	614	26	750	0	750	3628.24	17284	14657	750
Apr 2011	952	802	29	800	0	800	3628.01	17282	14631	800
May 2011	2161	1872	41	850	0	850	3636.03	17354	15539	850

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 6/2009 Most Prob Water Supply
Hoover Dam - Lake Mead

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	Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Jun 2008	791	44	59	949	15.9	30	949	776	1104.98	11941
H Jul 2008	865	63	73	876	14.2	33	874	773	1104.42	11890
I Aug 2008	890	95	78	804	13.1	34	789	777	1105.13	11955
S Sep 2008	723	77	64	652	11.0	22	642	781	1105.76	12013
WY 2008	8978	912	606	9531		278	9468			
T Oct 2008	749	47	47	508	8.3	26	498	794	1107.94	12213
O Nov 2008	603	74	47	675	11.3	15	659	790	1107.33	12157
R Dec 2008	801	62	41	453	7.4	8	432	812	1110.97	12496
I Jan 2009	802	63	34	741	12.1	9	739	817	1111.78	12572
C Feb 2009	602	82	31	679	12.2	9	670	815	1111.43	12539
A Mar 2009	626	62	34	1037	16.9	17	1037	791	1107.40	12164
L Apr 2009	604	37	42	1174	19.7	21	1169	754	1101.26	11604
* May 2009	582	64	47	977	15.9	33	968	729	1096.92	11217
Jun 2009	625	24	56	774	13.0	34	774	716	1094.63	11015
Jul 2009	830	61	70	915	14.9	36	915	708	1093.23	10894
Aug 2009	812	110	74	798	13.0	37	798	709	1093.37	10906
Sep 2009	595	78	61	670	11.3	32	670	703	1092.40	10822
WY 2009	8230	764	584	9402		276	9329			
Oct 2009	615	73	44	485	7.9	41	485	711	1093.68	10933
Nov 2009	600	73	44	561	9.4	30	561	713	1094.09	10969
Dec 2009	800	65	39	548	8.9	24	548	729	1096.82	11208
Jan 2010	900	131	32	674	11.0	19	674	747	1100.05	11495
Feb 2010	800	134	30	673	12.1	18	673	760	1102.27	11695
Mar 2010	900	96	33	1004	16.3	25	1004	756	1101.59	11633
Apr 2010	900	75	41	1139	19.1	23	1139	742	1099.20	11419
May 2010	997	70	47	1004	16.3	32	1004	741	1099.02	11404
Jun 2010	1078	24	57	897	15.1	30	897	748	1100.27	11515
Jul 2010	1180	61	72	898	14.6	32	898	763	1102.77	11740
Aug 2010	1125	110	78	816	13.3	33	816	782	1105.95	12030
Sep 2010	595	78	64	674	11.3	28	674	776	1105.00	11943
WY 2010	10490	990	582	9371		333	9371			
Oct 2010	615	73	47	448	7.3	36	448	786	1106.60	12090
Nov 2010	600	73	47	511	8.6	25	511	791	1107.51	12174
Dec 2010	800	65	41	526	8.6	20	526	808	1110.31	12435
Jan 2011	850	131	34	674	11.0	19	674	824	1112.85	12674
Feb 2011	675	134	31	667	12.0	18	667	830	1113.78	12762
Mar 2011	750	96	35	1004	16.3	25	1004	816	1111.61	12557
Apr 2011	800	75	43	1137	19.1	23	1137	796	1108.31	12249
May 2011	850	70	49	1004	16.3	32	1004	786	1106.63	12093

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 6/2009 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
* Jun 2008	949	-34	932	0	932	15.7	643.36	1709
H Jul 2008	876	-23	896	0	896	14.6	641.79	1666
I Aug 2008	804	-26	798	0	798	13.0	641.06	1646
S Sep 2008	652	-15	698	0	698	11.7	638.80	1585
WY 2008	9531	-285	9205	0	9205			
T Oct 2008	508	-18	632	0	632	10.3	633.37	1444
O Nov 2008	675	-23	603	0	603	10.1	635.28	1493
R Dec 2008	453	-23	339	0	339	5.5	638.77	1585
I Jan 2009	741	-25	655	0	655	10.6	641.08	1647
C Feb 2009	679	-18	629	0	629	11.3	642.29	1679
A Mar 2009	1037	-27	1035	0	1035	16.8	641.38	1655
L Apr 2009	1174	-30	1097	0	1097	18.4	643.11	1702
* May 2009	977	-28	916	0	916	14.9	644.36	1736
Jun 2009	774	-27	838	0	838	14.1	641.00	1644
Jul 2009	915	-23	892	0	892	14.5	641.00	1644
Aug 2009	798	-25	773	0	773	12.6	641.00	1644
Sep 2009	670	-17	733	0	733	12.3	638.00	1564
WY 2009	9402	-284	9140	0	9140			
Oct 2009	485	-4	610	0	610	9.9	633.00	1434
Nov 2009	561	-18	517	0	517	8.7	634.00	1460
Dec 2009	548	-20	405	0	405	6.6	638.71	1583
Jan 2010	674	-22	569	0	569	9.3	641.80	1666
Feb 2010	673	-15	658	0	658	11.9	641.80	1666
Mar 2010	1004	-26	943	0	943	15.3	643.05	1700
Apr 2010	1139	-28	1112	0	1112	18.7	643.00	1699
May 2010	1004	-35	969	0	969	15.8	643.00	1699
Jun 2010	897	-27	897	0	897	15.1	642.00	1671
Jul 2010	898	-23	888	0	888	14.4	641.50	1658
Aug 2010	816	-25	791	0	791	12.9	641.50	1658
Sep 2010	674	-17	751	0	751	12.6	638.00	1564
WY 2010	9371	-260	9110	0	9110			
Oct 2010	448	-4	574	0	574	9.3	633.00	1434
Nov 2010	511	-18	468	0	468	7.9	634.00	1460
Dec 2010	526	-20	384	0	384	6.2	638.71	1583
Jan 2011	674	-22	568	0	568	9.2	641.80	1666
Feb 2011	667	-15	652	0	652	11.7	641.80	1666
Mar 2011	1004	-26	944	0	944	15.3	643.05	1700
Apr 2011	1137	-28	1110	0	1110	18.7	643.00	1699
May 2011	1004	-35	969	0	969	15.8	643.00	1699

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 6/2009 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
* Jun 2008	932	-25	691	11.6	94	126	448.62	592	115	1.9
H Jul 2008	896	-18	728	11.8	87	78	447.86	577	122	2.0
I Aug 2008	798	-2	635	10.3	82	65	448.54	590	109	1.8
S Sep 2008	698	-10	519	8.7	82	94	448.19	584	99	1.7
WY 2008	9205	-80	6692		803	1622			1560	
T Oct 2008	632	3	452	7.4	77	136	446.55	553	84	1.4
O Nov 2008	603	16	379	6.4	53	168	447.54	571	118	2.0
R Dec 2008	339	15	236	3.8	67	65	446.81	558	139	2.3
I Jan 2009	655	-7	379	6.2	99	171	446.67	555	121	2.0
C Feb 2009	629	3	397	7.2	82	162	446.08	544	162	2.9
A Mar 2009	1035	-6	736	12.0	100	180	446.75	557	207	3.4
L Apr 2009	1097	-4	784	13.2	99	172	448.75	595	204	3.4
* May 2009	916	-2	647	10.5	102	165	448.71	594	122	2.0
Jun 2009	838	-26	629	10.6	96	92	448.50	589	112	1.9
Jul 2009	892	-18	724	11.8	99	61	448.00	580	119	1.9
Aug 2009	773	-11	627	10.2	95	50	447.50	571	93	1.5
Sep 2009	733	-12	540	9.1	96	98	446.81	557	89	1.5
WY 2009	9140	-48	6531		1066	1521			1571	
Oct 2009	610	6	449	7.3	22	154	446.31	548	74	1.2
Nov 2009	517	13	361	6.1	58	108	446.50	552	103	1.7
Dec 2009	405	11	292	4.7	27	97	446.50	552	116	1.9
Jan 2010	569	25	342	5.6	83	168	446.50	552	119	1.9
Feb 2010	658	28	458	8.3	76	152	446.50	552	154	2.8
Mar 2010	943	30	718	11.7	84	168	446.70	555	204	3.3
Apr 2010	1112	-6	823	13.8	81	163	448.71	594	199	3.3
May 2010	969	-16	700	11.4	84	169	448.71	594	111	1.8
Jun 2010	897	-26	666	11.2	81	123	448.71	594	116	1.9
Jul 2010	888	-18	724	11.8	83	77	448.00	580	119	1.9
Aug 2010	791	-11	627	10.2	83	79	447.50	571	93	1.5
Sep 2010	751	-12	540	9.1	61	151	446.81	557	89	1.5
WY 2010	9110	24	6701		824	1609			1497	
Oct 2010	574	6	449	7.3	24	116	446.31	548	74	1.2
Nov 2010	468	13	361	6.1	24	92	446.50	552	103	1.7
Dec 2010	384	11	295	4.8	24	75	446.50	552	118	1.9
Jan 2011	568	25	341	5.5	84	168	446.50	552	119	1.9
Feb 2011	652	28	452	8.1	75	152	446.50	552	149	2.7
Mar 2011	944	30	718	11.7	84	169	446.70	555	206	3.4
Apr 2011	1110	-6	821	13.8	81	164	448.71	594	200	3.4
May 2011	969	-16	699	11.4	84	170	448.71	594	113	1.8

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 6/2009 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
* Jun 2008	949	15.9	1104.98	11941	-190	0.00	1694.0	371.6	100	391.7
H Jul 2008	876	14.2	1104.42	11890	-51	0.00	1672.0	344.2	100	392.8
I Aug 2008	804	13.1	1105.13	11955	65	0.00	1678.0	316.2	100	393.1
S Sep 2008	652	11.0	1105.76	12013	58	0.00	1677.0	252.9	100	387.9
WY 2008	9530							3790.6		
T Oct 2008	508	8.3	1107.94	12213	201	0.00	1038.0	188.5	61	370.8
O Nov 2008	675	11.3	1107.33	12157	-56	0.00	926.0	263.1	55	389.9
R Dec 2008	453	7.4	1110.97	12496	339	0.00	1523.0	171.3	88	377.7
I Jan 2009	741	12.1	1111.78	12572	76	0.00	1305.0	299.0	75	403.3
C Feb 2009	679	12.2	1111.43	12539	-33	0.00	1415.0	263.8	81	388.5
A Mar 2009	1037	16.9	1107.40	12164	-376	0.00	950.0	415.9	55	401.2
L Apr 2009	1174	19.7	1101.26	11604	-560	0.00	1284.0	474.0	76	403.7
* May 2009	977	15.9	1096.92	11217	-387	0.00	1411.0	381.7	85	390.6
Jun 2009	774	13.0	1094.63	11015	-202	442.37	1641.0	308.5	100	398.6
Jul 2009	915	14.9	1093.23	10894	-122	441.64	1634.0	362.2	100	395.7
Aug 2009	798	13.0	1093.37	10906	12	441.01	1635.0	317.2	100	397.4
Sep 2009	670	11.3	1092.40	10822	-84	441.58	1634.0	261.8	100	390.7
WY 2009	9402							3707.0		
Oct 2009	485	7.9	1093.68	10933	111	446.99	1141.0	193.3	70	398.8
Nov 2009	561	9.4	1094.09	10969	36	448.16	1340.0	221.6	82	395.2
Dec 2009	548	8.9	1096.82	11208	239	447.57	1445.0	214.0	87	390.7
Jan 2010	674	11.0	1100.05	11495	287	449.18	1275.0	269.2	76	399.2
Feb 2010	673	12.1	1102.27	11695	200	450.17	1398.0	271.9	83	404.2
Mar 2010	1004	16.3	1101.59	11633	-62	450.61	1377.0	407.1	82	405.6
Apr 2010	1139	19.1	1099.20	11419	-214	448.67	1371.0	470.7	82	413.4
May 2010	1004	16.3	1099.02	11404	-16	446.13	1569.0	400.0	94	398.4
Jun 2010	897	15.1	1100.27	11515	111	446.33	1682.0	359.0	100	400.3
Jul 2010	898	14.6	1102.77	11740	225	448.68	1696.0	359.6	100	400.5
Aug 2010	816	13.3	1105.95	12030	290	451.66	1714.0	332.2	100	407.2
Sep 2010	674	11.3	1105.00	11943	-87	453.91	1709.0	270.0	100	400.7
WY 2010	9371							3768.5		
Oct 2010	448	7.3	1106.60	12090	147	457.02	1612.0	178.8	94	399.0
Nov 2010	511	8.6	1107.51	12174	84	461.26	1400.4	203.8	82	398.9
Dec 2010	526	8.6	1110.31	12435	261	460.94	1497.3	209.3	87	397.6
Jan 2011	674	11.0	1112.85	12674	239	462.27	1307.0	275.6	76	409.1
Feb 2011	667	12.0	1113.78	12762	87	462.26	1420.3	275.4	83	413.2
Mar 2011	1004	16.3	1111.61	12557	-205	461.32	1406.5	416.2	82	414.4
Apr 2011	1137	19.1	1108.31	12249	-308	458.19	1409.6	479.3	82	421.5
May 2011	1004	16.3	1106.63	12093	-155	454.43	1614.1	406.8	94	405.2

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 6/2009 Most Prob Water Supply
 Davis Dam - Lake Mohave

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	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Jun 2008	932	15.7	643.36	1709	-16	0.00	255.0	117.8	100	126.5
H Jul 2008	896	14.6	641.79	1666	-43	0.00	255.0	111.7	100	124.6
I Aug 2008	798	13.0	641.06	1646	-20	0.00	255.0	98.5	100	123.4
S Sep 2008	698	11.7	638.80	1585	-61	0.00	255.0	86.5	100	123.9
WY 2008	9205							1137.7		
T Oct 2008	632	10.3	633.37	1444	-141	0.00	211.7	74.9	83	118.6
O Nov 2008	603	10.1	635.28	1493	49	0.00	186.2	71.8	73	119.1
R Dec 2008	339	5.5	638.77	1585	91	0.00	163.2	42.1	64	124.2
I Jan 2009	655	10.6	641.08	1647	62	0.00	155.6	80.8	61	123.4
C Feb 2009	629	11.3	642.29	1679	33	0.00	193.8	79.3	76	126.1
A Mar 2009	1035	16.8	641.38	1655	-25	0.00	255.0	121.2	100	117.1
L Apr 2009	1097	18.4	643.11	1702	47	0.00	255.0	135.7	100	123.7
* May 2009	916	14.9	644.36	1736	34	0.00	255.0	115.6	100	126.3
Jun 2009	838	14.1	641.00	1644	-92	135.70	255.0	105.0	100	125.3
Jul 2009	892	14.5	641.00	1644	0	133.94	255.0	110.3	100	123.6
Aug 2009	773	12.6	641.00	1644	0	133.94	255.0	96.1	100	124.3
Sep 2009	733	12.3	638.00	1564	-80	132.36	255.0	90.2	100	123.0
WY 2009	9140							1123.0		
Oct 2009	610	9.9	633.00	1434	-130	129.25	216.8	73.4	85	120.3
Nov 2009	517	8.7	634.00	1460	26	128.21	183.6	61.5	72	118.9
Dec 2009	405	6.6	638.71	1583	123	131.03	188.7	49.6	74	122.4
Jan 2010	569	9.3	641.80	1666	83	135.19	186.2	71.0	73	124.8
Feb 2010	658	11.9	641.80	1666	0	136.23	204.0	82.4	80	125.2
Mar 2010	943	15.3	643.05	1700	34	135.64	247.3	117.6	97	124.7
Apr 2010	1112	18.7	643.00	1699	-2	136.07	255.0	138.1	100	124.2
May 2010	969	15.8	643.00	1699	0	136.04	255.0	121.1	100	125.0
Jun 2010	897	15.1	642.00	1671	-27	135.51	255.0	111.9	100	124.8
Jul 2010	888	14.4	641.50	1658	-14	134.73	255.0	110.4	100	124.3
Aug 2010	791	12.9	641.50	1658	0	134.46	255.0	98.5	100	124.6
Sep 2010	751	12.6	638.00	1564	-94	132.63	255.0	92.4	100	123.1
WY 2010	9110							1128.1		
Oct 2010	574	9.3	633.00	1434	-130	128.65	237.2	69.1	93	120.5
Nov 2010	468	7.9	634.00	1460	26	126.61	234.6	55.8	92	119.3
Dec 2010	384	6.2	638.71	1583	123	129.47	239.7	47.0	94	122.5
Jan 2011	568	9.2	641.80	1666	83	134.16	219.3	70.9	86	124.8
Feb 2011	652	11.7	641.80	1666	0	135.05	244.8	81.7	96	125.3
Mar 2011	944	15.3	643.05	1700	34	135.44	255.0	117.6	100	124.7
Apr 2011	1110	18.7	643.00	1699	-2	136.07	255.0	137.9	100	124.2
May 2011	969	15.8	643.00	1699	0	136.04	255.0	121.1	100	125.0

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 6/2009 Most Prob Water Supply
Parker Dam - Lake Havasu

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	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Jun 2008	691	11.6	448.62	592	-4	0.00	90.0	47.3	75	68.4
H Jul 2008	728	11.8	447.86	577	-14	0.00	90.0	48.9	75	67.3
I Aug 2008	635	10.3	448.54	590	13	0.00	105.6	41.9	88	66.0
S Sep 2008	519	8.7	448.19	584	-7	0.00	91.2	38.6	76	74.3
WY 2008	6692							453.4		
T Oct 2008	452	7.4	446.55	553	-31	0.00	90.0	31.2	75	68.9
O Nov 2008	379	6.4	447.54	571	18	0.00	90.0	26.2	75	69.1
R Dec 2008	236	3.8	446.81	558	-14	0.00	85.2	15.3	71	64.7
I Jan 2009	379	6.2	446.67	555	-3	0.00	78.0	25.9	65	68.2
C Feb 2009	397	7.2	446.08	544	-11	0.00	90.0	27.2	75	68.5
A Mar 2009	736	12.0	446.75	556	12	0.00	87.6	49.2	73	66.8
L Apr 2009	784	13.2	448.75	595	38	0.00	111.6	53.8	93	68.6
* May 2009	647	10.5	448.71	594	-1	0.00	120.0	44.9	100	69.4
Jun 2009	629	10.6	448.50	589	-4	75.96	120.0	41.7	100	66.2
Jul 2009	724	11.8	448.00	580	-9	75.61	120.0	47.9	100	66.2
Aug 2009	627	10.2	447.50	571	-10	75.13	120.0	41.1	100	65.6
Sep 2009	540	9.1	446.81	557	-13	75.95	90.0	35.8	75	66.2
WY 2009	6531							440.0		
Oct 2009	449	7.3	446.31	548	-9	75.37	90.0	29.2	75	65.2
Nov 2009	361	6.1	446.50	552	3	76.73	64.8	23.8	54	65.9
Dec 2009	292	4.7	446.50	552	0	75.32	90.0	18.5	75	63.5
Jan 2010	342	5.6	446.50	552	0	76.35	72.0	22.3	60	65.1
Feb 2010	458	8.3	446.50	552	0	75.38	88.8	30.1	74	65.6
Mar 2010	718	11.7	446.70	555	4	74.01	120.0	46.6	100	65.0
Apr 2010	823	13.8	448.71	594	38	75.09	120.0	54.4	100	66.1
May 2010	700	11.4	448.71	594	0	76.06	120.0	46.5	100	66.5
Jun 2010	666	11.2	448.71	594	0	76.06	120.0	44.3	100	66.4
Jul 2010	724	11.8	448.00	580	-14	75.72	120.0	48.0	100	66.3
Aug 2010	627	10.2	447.50	571	-10	75.13	120.0	41.1	100	65.6
Sep 2010	540	9.1	446.81	557	-13	74.55	120.0	35.0	100	64.9
WY 2010	6701							439.9		
Oct 2010	449	7.3	446.31	548	-9	73.97	120.0	28.7	100	63.9
Nov 2010	361	6.1	446.50	552	3	74.98	94.8	23.2	79	64.2
Dec 2010	295	4.8	446.50	552	0	73.92	120.0	18.4	100	62.5
Jan 2011	341	5.5	446.50	552	0	74.71	102.0	21.7	85	63.7
Feb 2011	452	8.1	446.50	552	0	74.60	104.4	29.3	87	64.8
Mar 2011	718	11.7	446.70	555	4	74.01	120.0	46.6	100	65.0
Apr 2011	821	13.8	448.71	594	38	75.09	120.0	54.3	100	66.1
May 2011	699	11.4	448.71	594	0	76.06	120.0	46.5	100	66.5

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 6/2009 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
* Jun 2008	348	68	40	63	22	7
H Jul 2008	390	36	31	39	23	9
I Aug 2008	400	36	36	42	22	8
S Sep 2008	323	34	34	41	21	5
Summer 2008	1462	174	142	185	88	30
T Oct 2008	334	27	25	30	17	5
O Nov 2008	267	25	9	12	6	4
R Dec 2008	355	30	10	14	7	2
I Jan 2009	352	31	11	15	6	4
C Feb 2009	262	24	12	15	4	3
A Mar 2009	271	20	14	15	10	3
Winter 2009	1840	156	81	101	50	21
L Apr 2009	260	19	17	24	16	3
* May 2009	256	57	33	55	23	4
Jun 2009	264	36	61	77	22	9
Jul 2009	355	37	38	46	23	10
Aug 2009	347	37	38	45	23	9
Sep 2009	254	36	34	41	21	6
Summer 2009	1737	221	222	288	127	40
Oct 2009	262	28	23	28	15	6
Nov 2009	255	30	14	17	9	6
Dec 2009	339	31	19	23	12	6
Jan 2010	379	31	21	27	14	5
Feb 2010	335	28	18	24	12	4
Mar 2010	375	20	18	24	13	4
Winter 2010	1946	167	112	144	75	31
Apr 2010	373	18	18	27	15	5
May 2010	416	37	20	34	22	7
Jun 2010	457	72	21	32	22	9
Jul 2010	505	41	33	41	22	10
Aug 2010	480	41	38	45	23	10
Sep 2010	253	40	35	42	21	6
Summer 2010	2485	249	165	221	126	46
Oct 2010	261	41	24	29	15	6
Nov 2010	255	40	14	18	10	6
Dec 2010	339	41	21	27	14	6
Jan 2011	358	41	21	27	14	5
Feb 2011	283	37	18	24	12	5
Mar 2011	314	41	18	24	13	5
Winter 2011	1809	241	116	149	77	33
Apr 2011	334	40	18	27	15	5
May 2011	357	51	18	32	21	7

model_run_id = 2024

FLOOD CONTROL CRITERIA
BEGINNING OF MONTH CONDITIONS

MON	YEAR	FLAMING	BLUE		LAKE	UPPER			FLAMING	BLUE		TOT OR	LAKE	LAKE		BOM	MEAD	MEAD	
		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	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	SPACE REQD KAF	SCHED REL KAF	FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *								* * * * E F F E C T I V E S P A C E * * * *									
JUN	2009	872	53	181	9569	10674	16163	26837	311	24	69	403	9569	16163	26135	1500	774	0	35.3
JUL	2009	643	12	187	8326	9168	16365	25532	64	-21	31	73	8326	16365	24764	1500	915	0	35.3
		* * * * 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	2009	596	27	203	8152	8978	16486	25464	596	27	203	826	8152	16486	25464	1500	798	0	35.0
SEP	2009	641	86	228	8362	9317	16474	25791	641	86	228	955	8362	16474	25791	2270	670	0	34.6
OCT	2009	703	157	243	8424	9527	16558	26085	703	157	243	1102	8424	16558	26085	3040	485	0	34.4
NOV	2009	734	197	240	8522	9693	16447	26141	734	197	240	1171	8522	16447	26141	3810	561	0	34.3
DEC	2009	768	212	241	8587	9807	16411	26219	768	212	241	1220	8587	16411	26219	4580	548	0	34.3
JAN	2010	817	248	251	8884	10200	16172	26372	817	248	251	1316	8884	16172	26372	5350	674	0	34.1
		* * * * 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	817	248	251	8884	10200	16172	26372	540	248	145	933	8884	16172	25989	5350	674	0	34.1
FEB	2010	863	295	263	9288	10709	15885	26594	584	295	156	1035	9288	15885	26208	1500	673	0	33.9
MAR	2010	896	334	263	9619	11112	15685	26797	614	334	156	1104	9619	15685	26407	1500	1004	0	33.6
APR	2010	855	361	249	9931	11396	15747	27142	567	361	136	1064	9931	15747	26741	1500	1139	0	33.5
MAY	2010	770	353	179	10080	11383	15961	27343	474	353	47	874	10080	15961	26915	1500	1004	0	34.5
JUN	2010	619	220	198	9339	10376	15976	26352	311	217	34	562	9339	15976	25877	1500	897	0	36.1
JUL	2010	432	42	260	8121	8854	15865	24720	107	15	48	170	8121	15865	24156	1500	898	0	36.4
		* * * * 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	343	27	262	8123	8755	15640	24395	343	27	262	632	8123	15640	24395	1500	816	0	36.1
SEP	2010	373	77	272	8596	9318	15350	24668	373	77	272	722	8596	15350	24668	2270	674	0	35.7
OCT	2010	435	147	271	8639	9491	15437	24928	435	147	271	852	8639	15437	24928	3040	448	0	35.6
NOV	2010	495	186	266	8691	9638	15290	24928	495	186	266	948	8691	15290	24928	3810	511	0	35.6
DEC	2010	555	203	267	8728	9752	15206	24958	555	203	267	1025	8728	15206	24958	4580	526	0	35.6
JAN	2011	631	248	276	8989	10145	14945	25090	631	248	276	1156	8989	14945	25090	5350	674	0	35.4
		* * * * 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	631	248	276	8989	10145	14945	25090	331	248	217	796	8989	14945	24731	5350	674	0	35.4
FEB	2011	704	295	286	9322	10607	14706	25313	402	295	227	924	9322	14706	24952	1500	667	0	35.2
MAR	2011	762	334	285	9513	10894	14618	25513	458	334	225	1017	9513	14618	25149	1500	1004	0	34.9
APR	2011	774	361	239	9663	11038	14823	25861	467	361	172	1001	9663	14823	25487	1500	1137	0	34.7
MAY	2011	747	353	143	9689	10932	15131	26063	434	353	57	844	9689	15131	25664	1500	1004	0	35.7