

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
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The operation of Lake Powell and Lake Mead in this September 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 September 24-Month Study.

This 24-Month Study currently projects Lake Powell's 2010 end of water year elevation to be above the 2010 Equalization Elevation of 3642 feet under an 8.23 maf release. Pursuant to the Interim Guidelines, an April 2010 adjustment is projected such that operating tier at Lake Powell would shift to the Equalization Tier during 2010. Based on analysis of inflow scenarios, currently the probability of an April adjustment in 2010 is approximately 65 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.

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 August 2009 was 0.323 maf or 53% of the 30 year average. The forecast for September 2009 unregulated inflow into Lake Powell is 0.400 maf or 84% of the 30 year average. The observed April through July unregulated inflow is 7.814 maf or 99% of average.

In this study, the Calendar Year (CY) 2009 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 1.101 maf. The CY 2009 diversion for the Central Arizona Project (CAP) is forecasted to be 1.568 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.318 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.

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 9/2009 Most Prob Water Supply
Fontenelle Reservoir

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	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
* Sep 2008	36	2	63	0	63	6493.80	254
WY 2008	837	14	712	44	756		
H Oct 2008	43	1	65	0	65	6490.51	231
I Nov 2008	41	1	48	13	61	6487.43	211
S Dec 2008	30	1	26	35	60	6482.26	180
T Jan 2009	33	1	61	0	61	6476.93	151
O Feb 2009	27	0	53	0	53	6471.15	124
R Mar 2009	46	0	59	0	59	6467.98	111
I Apr 2009	91	1	57	0	57	6475.63	145
C May 2009	152	1	62	1	64	6490.46	231
A Jun 2009	477	3	91	285	376	6504.01	330
L Jul 2009	247	3	88	145	233	6505.36	341
* Aug 2009	72	2	98	6	104	6500.77	305
Sep 2009	50	2	65	0	65	6498.47	288
WY 2009	1307	15	772	485	1257		
Oct 2009	50	1	14	48	61	6496.74	275
Nov 2009	42	1	0	59	59	6494.19	257
Dec 2009	37	1	76	0	76	6488.32	217
Jan 2010	33	1	76	0	76	6481.30	174
Feb 2010	32	1	68	0	68	6474.08	137
Mar 2010	49	0	75	0	75	6468.00	111
Apr 2010	93	1	89	0	89	6468.77	114
May 2010	185	1	99	12	111	6483.54	187
Jun 2010	320	2	103	102	205	6500.12	300
Jul 2010	180	3	101	35	135	6505.52	342
Aug 2010	80	2	100	5	105	6502.10	315
Sep 2010	53	2	39	29	68	6499.89	298
WY 2010	1154	15	839	289	1128		
Oct 2010	49	1	54	16	70	6496.76	275
Nov 2010	41	1	68	0	68	6492.89	248
Dec 2010	32	1	70	0	70	6487.01	209
Jan 2011	30	1	70	0	70	6480.21	168
Feb 2011	28	0	64	0	64	6472.84	132
Mar 2011	52	0	70	0	70	6468.37	112
Apr 2011	89	1	83	0	83	6469.67	118
May 2011	176	1	99	5	104	6483.81	189
Jun 2011	307	2	103	93	196	6499.77	297
Jul 2011	185	3	101	37	138	6505.47	341
Aug 2011	82	2	100	5	105	6502.35	317

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 9/2009 Most Prob Water Supply 09-Sep-2009 15:50:34
 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
* Sep 2008	40	67	10	89	0	89	84	6021.25	3024	22	126
WY 2008	1018	937	75	893	10	902					3017
H Oct 2008	45	67	7	71	0	71	83	6020.97	3014	21	119
I Nov 2008	47	66	3	65	0	65	83	6020.91	3012	0	107
S Dec 2008	17	48	2	79	0	79	82	6020.01	2980	0	116
T Jan 2009	39	67	2	80	0	80	82	6019.63	2967	0	752
O Feb 2009	37	64	2	62	0	62	82	6019.63	2967	0	104
R Mar 2009	62	75	3	52	0	52	82	6020.18	2986	0	140
I Apr 2009	127	93	5	50	0	50	84	6021.21	3023	0	312
C May 2009	212	125	7	150	0	150	83	6020.33	2991	758	883
A Jun 2009	573	472	10	96	0	96	97	6029.83	3342	517	624
L Jul 2009	284	271	14	117	0	117	102	6033.29	3478	109	247
* Aug 2009	71	106	13	124	0	124	101	6032.51	3447	20	161
Sep 2009	55	70	11	120	0	120	98	6031.00	3388	0	120
WY 2009	1570	1524	79	1066	0	1066					3685
Oct 2009	55	66	7	108	0	108	97	6029.80	3341	0	108
Nov 2009	50	68	3	103	0	103	95	6028.83	3304	0	103
Dec 2009	45	84	2	106	0	106	94	6028.22	3281	0	106
Jan 2010	40	83	2	110	0	110	93	6027.49	3253	0	110
Feb 2010	40	76	2	96	0	96	92	6026.93	3232	0	96
Mar 2010	72	98	3	106	0	106	92	6026.65	3222	0	106
Apr 2010	120	116	5	103	0	103	92	6026.87	3230	0	103
May 2010	230	156	8	152	0	152	92	6026.78	3226	0	152
Jun 2010	375	260	10	182	0	182	95	6028.50	3291	0	182
Jul 2010	195	150	14	101	0	101	96	6029.38	3325	0	101
Aug 2010	88	113	13	101	0	101	96	6029.34	3324	0	101
Sep 2010	60	75	11	98	0	98	95	6028.48	3291	0	98
WY 2010	1370	1344	80	1365	0	1365					1365
Oct 2010	59	81	7	101	0	101	93	6027.77	3264	0	101
Nov 2010	51	77	3	98	0	98	93	6027.15	3240	0	98
Dec 2010	36	74	2	101	0	101	91	6026.41	3213	0	101
Jan 2011	41	81	2	105	0	105	90	6025.75	3188	0	105
Feb 2011	45	81	2	92	0	92	90	6025.43	3176	0	92
Mar 2011	103	122	3	101	0	101	91	6025.89	3193	0	101
Apr 2011	142	136	5	98	0	98	92	6026.74	3225	0	98
May 2011	263	191	8	143	0	143	93	6027.77	3264	0	143
Jun 2011	400	289	10	186	0	186	97	6030.09	3353	0	186
Jul 2011	219	172	14	112	0	112	99	6031.24	3397	0	112
Aug 2011	96	119	13	112	0	112	99	6031.08	3391	0	112

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 9/2009 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
* Sep 2008	8	15	9311.36	72
WY 2008	184	189		
H Oct 2008	7	7	9311.31	72
I Nov 2008	5	5	9311.19	72
S Dec 2008	5	5	9311.34	72
T Jan 2009	5	5	9311.21	72
O Feb 2009	4	5	9310.95	71
R Mar 2009	4	5	9310.68	71
I Apr 2009	11	5	9314.31	77
C May 2009	46	20	9328.38	103
A Jun 2009	37	35	9329.45	105
L Jul 2009	16	26	9324.35	95
* Aug 2009	7	19	9317.60	83
Sep 2009	7	16	9312.32	74
WY 2009	154	152		
Oct 2009	7	10	9310.47	71
Nov 2009	6	6	9310.47	71
Dec 2009	5	6	9309.84	70
Jan 2010	5	6	9309.21	69
Feb 2010	4	6	9307.92	67
Mar 2010	4	6	9306.61	65
Apr 2010	8	8	9306.61	65
May 2010	27	18	9312.32	74
Jun 2010	43	20	9325.17	97
Jul 2010	17	22	9322.54	92
Aug 2010	9	22	9315.30	79
Sep 2010	7	15	9310.47	71
WY 2010	142	145		
Oct 2010	6	10	9308.02	67
Nov 2010	5	6	9307.33	66
Dec 2010	4	6	9306.33	64
Jan 2011	4	6	9305.11	62
Feb 2011	4	6	9303.55	60
Mar 2011	4	6	9302.32	58
Apr 2011	8	8	9302.55	59
May 2011	27	16	9309.99	70
Jun 2011	43	20	9323.14	93
Jul 2011	20	22	9322.30	91
Aug 2011	10	22	9315.63	79

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 9/2009 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
* Sep 2008	35	42	1	115	0	115	7498.61	650
WY 2008	1271	1277	8	1235	70	1305		
H Oct 2008	33	33	1	85	0	85	7492.14	598
I Nov 2008	27	28	0	33	0	33	7491.42	592
S Dec 2008	28	27	0	36	0	36	7490.25	583
T Jan 2009	26	27	0	39	0	39	7488.62	571
O Feb 2009	24	24	0	42	0	42	7486.19	552
R Mar 2009	40	40	0	49	0	49	7484.97	543
I Apr 2009	104	99	1	61	0	61	7489.84	580
C May 2009	344	317	1	110	10	120	7513.48	776
A Jun 2009	229	227	1	172	3	175	7519.02	826
L Jul 2009	95	105	2	144	0	144	7514.49	785
* Aug 2009	42	54	1	128	0	128	7505.48	707
Sep 2009	39	48	1	89	0	89	7500.46	665
WY 2009	1030	1029	9	989	13	1002		
Oct 2009	40	43	1	58	0	58	7498.56	650
Nov 2009	33	33	0	29	0	29	7499.02	653
Dec 2009	29	30	0	102	0	102	7490.01	581
Jan 2010	26	27	0	98	0	98	7480.58	510
Feb 2010	22	24	0	55	0	55	7476.25	479
Mar 2010	33	35	0	40	0	40	7475.49	474
Apr 2010	77	77	1	42	0	42	7480.27	508
May 2010	210	201	1	64	0	64	7497.87	644
Jun 2010	265	242	1	68	0	68	7517.91	816
Jul 2010	96	101	2	113	0	113	7516.41	803
Aug 2010	52	65	1	121	0	121	7509.94	745
Sep 2010	41	49	1	105	0	105	7503.26	688
WY 2010	924	927	9	895	0	895		
Oct 2010	36	39	1	58	0	58	7500.96	669
Nov 2010	31	32	0	29	0	29	7501.30	672
Dec 2010	25	27	0	117	0	117	7490.01	581
Jan 2011	24	26	0	92	0	92	7481.31	516
Feb 2011	22	24	0	60	0	60	7476.32	480
Mar 2011	34	36	0	43	0	43	7475.27	472
Apr 2011	73	73	1	54	0	54	7477.77	490
May 2011	212	201	1	74	0	74	7494.37	616
Jun 2011	271	248	1	71	0	71	7515.23	792
Jul 2011	121	122	2	110	0	110	7516.41	803
Aug 2011	62	74	1	122	0	122	7510.79	753

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 9/2009 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
* Sep 2008	35	115	0	115	0	115	0	115	7155.78	114
WY 2008	1351	1305	79	1385	1	1358	27	1385		
H Oct 2008	33	85	0	85	0	86	0	86	7153.95	112
I Nov 2008	29	33	2	35	0	35	0	35	7153.60	112
S Dec 2008	29	36	2	38	0	39	0	39	7152.11	111
T Jan 2009	28	39	1	40	0	43	0	43	7148.12	108
O Feb 2009	24	42	1	43	0	45	0	45	7145.98	106
R Mar 2009	42	49	2	51	0	43	6	49	7147.72	107
I Apr 2009	119	61	14	75	0	69	0	69	7155.78	114
C May 2009	377	120	34	154	0	153	2	155	7154.23	112
A Jun 2009	241	175	12	188	0	184	0	184	7158.19	116
L Jul 2009	97	144	2	146	0	148	0	148	7155.33	113
* Aug 2009	42	128	0	128	0	129	0	129	7154.96	113
Sep 2009	42	89	3	92	0	93	0	93	7153.73	112
WY 2009	1103	1002	73	1074	1	1067	8	1076		
Oct 2009	43	58	3	61	0	61	0	61	7153.73	112
Nov 2009	35	29	2	31	0	31	0	31	7153.73	112
Dec 2009	31	102	2	104	0	104	0	104	7153.73	112
Jan 2010	28	98	2	100	0	100	0	100	7153.73	112
Feb 2010	24	55	2	57	0	57	0	57	7153.73	112
Mar 2010	36	40	3	43	0	43	0	43	7153.73	112
Apr 2010	91	42	14	56	0	56	0	56	7153.73	112
May 2010	235	64	25	89	0	89	0	89	7153.73	112
Jun 2010	285	68	20	88	0	88	0	88	7153.73	112
Jul 2010	105	113	9	122	0	122	0	122	7153.73	112
Aug 2010	56	121	4	125	0	125	0	125	7153.73	112
Sep 2010	45	105	4	109	0	109	0	109	7153.73	112
WY 2010	1014	895	90	985	0	985	0	985		
Oct 2010	38	58	3	61	0	61	0	61	7153.73	112
Nov 2010	33	29	2	31	0	31	0	31	7153.73	112
Dec 2010	27	117	2	119	0	119	0	119	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	54	11	65	0	65	0	65	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	110	7	117	0	117	0	117	7153.73	112
Aug 2011	65	122	4	126	0	126	0	126	7153.73	112

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 9/2009 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
* Sep 2008	38	115	3	118	118	0	118	6741.71	14	61	63
WY 2008	1520	1385	169	1554	1164	392	1555			356	1283
H Oct 2008	36	86	3	89	89	0	89	6744.34	15	55	45
I Nov 2008	33	35	4	38	39	0	39	6742.20	14	1	40
S Dec 2008	32	39	3	42	42	0	42	6742.53	14	1	43
T Jan 2009	31	43	4	47	38	9	47	6741.02	14	1	49
O Feb 2009	28	45	3	48	24	20	45	6752.05	17	1	46
R Mar 2009	47	49	5	55	55	0	55	6751.30	16	10	47
I Apr 2009	130	69	12	81	80	0	80	6752.70	17	36	48
C May 2009	429	155	53	207	120	87	207	6752.57	17	55	160
A Jun 2009	264	184	23	207	116	91	207	6753.30	17	59	160
L Jul 2009	104	148	7	156	128	30	158	6743.22	14	68	101
* Aug 2009	44	129	2	131	130	0	130	6746.30	15	67	70
Sep 2009	48	93	6	99	97	0	97	6753.04	17	55	42
WY 2009	1226	1076	124	1200	959	237	1196			408	851
Oct 2009	49	61	6	67	67	0	67	6753.04	17	30	37
Nov 2009	40	31	5	36	36	0	36	6753.04	17	0	36
Dec 2009	35	104	4	108	108	0	108	6753.04	17	0	108
Jan 2010	31	100	3	103	103	0	103	6753.04	17	0	103
Feb 2010	27	57	3	60	60	0	60	6753.04	17	0	60
Mar 2010	41	43	5	48	48	0	48	6753.04	17	5	43
Apr 2010	107	56	16	72	72	0	72	6753.04	17	30	42
May 2010	280	89	45	134	134	0	134	6753.04	17	55	79
Jun 2010	320	88	35	123	123	0	123	6753.04	17	60	63
Jul 2010	117	122	12	134	134	0	134	6753.04	17	65	69
Aug 2010	65	125	9	134	134	0	134	6753.04	17	65	69
Sep 2010	52	109	7	116	116	0	116	6753.04	17	55	61
WY 2010	1164	985	150	1135	1135	0	1135			365	770
Oct 2010	44	61	6	67	67	0	67	6753.04	17	30	37
Nov 2010	38	31	5	36	36	0	36	6753.04	17	0	36
Dec 2010	32	119	5	124	124	0	124	6753.04	17	0	124
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	65	12	78	78	0	78	6753.04	17	30	48
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	117	17	134	134	0	134	6753.04	17	65	69
Aug 2011	74	126	8	134	134	0	134	6753.04	17	65	69

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 9/2009 Most Prob Water Supply
Vallecito Reservoir

09-Sep-2009 15:50:34

	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Sep 2008	11	31	7642.57	70
WY 2008	309	319		
H Oct 2008	9	14	7640.18	65
I Nov 2008	5	2	7641.75	68
S Dec 2008	5	2	7643.06	71
T Jan 2009	5	2	7644.39	74
O Feb 2009	5	2	7645.61	77
R Mar 2009	8	4	7647.33	81
I Apr 2009	22	10	7652.11	92
C May 2009	98	66	7664.50	124
A Jun 2009	44	43	7664.64	124
L Jul 2009	19	39	7656.79	104
* Aug 2009	9	39	7643.09	71
Sep 2009	10	28	7634.29	53
WY 2009	240	252		
Oct 2009	10	18	7629.58	44
Nov 2009	7	6	7630.10	45
Dec 2009	5	3	7631.40	47
Jan 2010	5	3	7632.40	49
Feb 2010	4	3	7633.00	50
Mar 2010	7	3	7634.95	54
Apr 2010	21	12	7639.26	63
May 2010	72	40	7653.01	94
Jun 2010	79	50	7664.15	123
Jul 2010	28	43	7658.24	108
Aug 2010	18	42	7648.36	83
Sep 2010	17	32	7641.60	68
WY 2010	273	255		
Oct 2010	14	19	7639.04	62
Nov 2010	8	7	7639.65	64
Dec 2010	6	5	7640.10	64
Jan 2011	5	5	7640.33	65
Feb 2011	5	4	7640.48	65
Mar 2011	8	5	7642.00	69
Apr 2011	22	13	7645.89	77
May 2011	69	43	7656.59	103
Jun 2011	78	56	7664.59	124
Jul 2011	31	43	7659.80	112
Aug 2011	19	40	7651.37	90

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 9/2009 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
* Sep 2008	31	2	48	3	22	45	6057.74	1318	57
WY 2008	1355	145	1219	28	206	1185			1887
H Oct 2008	28	0	34	2	11	32	6056.83	1308	45
I Nov 2008	21	0	17	1	0	30	6055.68	1294	47
S Dec 2008	19	0	16	1	0	31	6054.38	1277	48
T Jan 2009	23	0	20	1	1	32	6053.29	1264	54
O Feb 2009	28	1	24	1	0	28	6052.85	1260	50
R Mar 2009	76	6	65	2	5	31	6055.13	1288	61
I Apr 2009	125	19	97	2	19	30	6058.76	1337	69
C May 2009	361	52	275	4	29	59	6072.47	1515	251
A Jun 2009	146	24	120	5	36	115	6069.92	1479	184
L Jul 2009	25	4	40	5	43	49	6065.70	1422	77
* Aug 2009	-10	0	21	4	42	50	6059.80	1345	64
Sep 2009	16	0	34	3	19	37	6057.82	1320	37
WY 2009	857	107	763	28	207	525			987
Oct 2009	32	0	40	2	7	31	6057.89	1321	31
Nov 2009	31	0	30	1	0	30	6057.83	1320	30
Dec 2009	24	0	22	1	0	31	6057.04	1311	31
Jan 2010	23	0	21	1	0	31	6056.20	1300	31
Feb 2010	27	0	26	1	0	28	6055.97	1297	28
Mar 2010	83	1	79	2	4	31	6059.34	1339	31
Apr 2010	156	15	132	3	16	30	6065.76	1423	30
May 2010	280	34	214	4	28	121	6070.24	1484	121
Jun 2010	240	28	182	5	43	182	6066.72	1436	182
Jul 2010	66	4	77	5	46	31	6066.43	1432	31
Aug 2010	41	2	63	4	39	31	6065.65	1421	31
Sep 2010	41	1	55	3	22	30	6065.70	1422	30
WY 2010	1044	85	940	28	205	605			605
Oct 2010	40	0	46	2	7	31	6066.14	1428	31
Nov 2010	33	0	32	1	1	30	6066.11	1428	30
Dec 2010	24	0	23	1	1	31	6065.38	1418	31
Jan 2011	22	0	21	1	0	31	6064.61	1408	31
Feb 2011	30	0	30	1	0	28	6064.69	1409	28
Mar 2011	88	2	83	2	4	31	6068.15	1455	31
Apr 2011	174	16	149	3	16	34	6075.01	1551	34
May 2011	279	33	219	4	28	200	6074.08	1538	200
Jun 2011	246	29	196	5	43	212	6069.49	1473	212
Jul 2011	74	7	79	5	46	31	6069.32	1471	31
Aug 2011	43	3	61	4	39	31	6068.45	1459	31

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 9/2009 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
* Sep 2008	390	555	56	723	0	723	3626.90	17423	14509	738
WY 2008	12344	12417	396	8885	93	8978				9164
H Oct 2008	382	498	38	749	0	749	3623.82	17470	14172	762
I Nov 2008	419	455	36	603	0	603	3621.90	17493	13966	612
S Dec 2008	312	386	28	801	0	801	3617.89	17478	13541	818
T Jan 2009	329	394	9	802	0	802	3614.17	17444	13155	822
O Feb 2009	323	377	9	602	0	602	3612.05	17426	12938	612
R Mar 2009	470	445	16	626	0	626	3610.43	17393	12774	632
I Apr 2009	788	669	25	604	0	604	3611.26	17350	12858	611
C May 2009	2921	2446	31	582	0	582	3629.09	17297	14751	586
A Jun 2009	2701	2217	54	662	0	662	3640.49	17498	16061	670
L Jul 2009	1369	1201	67	803	0	803	3641.14	17760	16138	828
* Aug 2009	322	534	66	802	0	802	3637.41	17854	15699	829
Sep 2009	400	555	48	595	0	595	3636.70	17847	15617	595
WY 2009	10735	10177	426	8231	0	8231				8378
Oct 2009	475	552	43	615	0	615	3635.85	17839	15518	615
Nov 2009	475	522	36	690	0	690	3634.21	17824	15330	690
Dec 2009	425	566	30	855	0	855	3631.62	17800	15035	855
Jan 2010	375	524	22	955	0	955	3627.87	17767	14615	955
Feb 2010	375	465	20	800	0	800	3624.87	17741	14286	800
Mar 2010	650	643	25	900	0	900	3622.46	17720	14025	900
Apr 2010	1000	853	28	1000	0	1000	3620.93	17707	13862	1000
May 2010	2300	1979	39	1010	0	1010	3628.84	17776	14724	1010
Jun 2010	2800	2425	47	1036	0	1036	3639.68	17875	15966	1036
Jul 2010	1150	1088	55	1076	0	1076	3639.35	17872	15926	1076
Aug 2010	500	613	56	1025	0	1025	3635.63	17837	15492	1025
Sep 2010	450	564	48	595	0	595	3634.99	17831	15419	595
WY 2010	10975	10793	450	10557	0	10557				10557
Oct 2010	514	577	43	615	0	615	3634.33	17825	15344	615
Nov 2010	523	567	36	600	0	600	3633.77	17820	15280	600
Dec 2010	414	579	30	800	0	800	3631.73	17802	15048	800
Jan 2011	384	525	22	800	0	800	3629.28	17779	14772	800
Feb 2011	394	476	21	700	0	700	3627.24	17761	14546	700
Mar 2011	628	583	26	700	0	700	3626.04	17751	14414	700
Apr 2011	950	780	29	700	0	700	3626.47	17755	14461	700
May 2011	2161	1886	40	877	0	877	3634.45	17826	15357	877
Jun 2011	2811	2435	49	1000	0	1000	3645.33	17929	16641	1000
Jul 2011	1346	1238	57	1050	0	1050	3646.32	17939	16762	1050
Aug 2011	566	671	58	1000	0	1000	3643.37	17910	16405	1000

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 9/2009 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
* Sep 2008	723	77	64	652	11.0	22	642	781	1105.76	12013
WY 2008	8978	912	606	9531		278	9468			
H Oct 2008	749	47	47	508	8.3	26	498	794	1107.94	12213
I Nov 2008	603	74	47	675	11.3	15	659	790	1107.33	12157
S Dec 2008	801	62	41	453	7.4	8	432	812	1110.97	12496
T Jan 2009	802	63	34	741	12.1	9	739	817	1111.78	12572
O Feb 2009	602	82	31	679	12.2	9	669	815	1111.43	12539
R Mar 2009	626	62	34	1037	16.9	17	1036	791	1107.40	12164
I Apr 2009	604	36	42	1174	19.7	20	1169	754	1101.26	11604
C May 2009	582	63	47	977	15.9	33	968	729	1096.92	11217
A Jun 2009	662	13	56	750	12.6	25	748	720	1095.26	11071
L Jul 2009	803	39	70	840	13.7	31	838	714	1094.20	10978
* Aug 2009	802	60	74	801	13.0	31	792	711	1093.73	10938
Sep 2009	595	78	61	640	10.7	36	640	707	1093.04	10877
WY 2009	8231	679	585	9275		258	9188			
Oct 2009	615	73	44	499	8.1	45	499	713	1094.11	10970
Nov 2009	690	73	45	615	10.3	34	615	717	1094.86	11035
Dec 2009	855	65	39	581	9.5	28	581	734	1097.75	11290
Jan 2010	955	131	32	675	11.0	19	675	756	1101.53	11628
Feb 2010	800	134	30	673	12.1	18	673	769	1103.74	11828
Mar 2010	900	96	34	1004	16.3	26	1004	765	1103.04	11765
Apr 2010	1000	75	42	1137	19.1	24	1137	757	1101.72	11645
May 2010	1010	70	48	1004	16.3	33	1004	757	1101.66	11640
Jun 2010	1036	24	58	897	15.1	31	897	761	1102.43	11710
Jul 2010	1076	61	73	898	14.6	33	898	769	1103.82	11836
Aug 2010	1025	110	78	816	13.3	34	816	782	1105.96	12031
Sep 2010	595	78	64	674	11.3	29	674	776	1105.00	11943
WY 2010	10557	990	585	9473		354	9473			
Oct 2010	615	73	47	448	7.3	38	448	786	1106.58	12089
Nov 2010	600	73	47	537	9.0	26	537	790	1107.22	12148
Dec 2010	800	65	41	501	8.1	20	501	808	1110.29	12433
Jan 2011	800	131	34	674	11.0	20	674	821	1112.32	12624
Feb 2011	700	134	31	667	12.0	19	667	828	1113.49	12734
Mar 2011	700	96	35	1004	16.3	27	1004	811	1110.80	12481
Apr 2011	700	75	43	1135	19.1	24	1135	785	1106.48	12080
May 2011	877	70	49	1004	16.3	33	1004	777	1105.06	11949
Jun 2011	1000	24	59	894	15.0	31	894	779	1105.47	11987
Jul 2011	1050	61	74	895	14.6	33	895	786	1106.59	12089
Aug 2011	1000	110	79	814	13.2	34	814	797	1108.45	12262

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 9/2009 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
* Sep 2008	652	-15	698	0	698	11.7	638.80	1585
WY 2008	9531	-285	9205	0	9205			
H Oct 2008	508	-18	632	0	632	10.3	633.37	1444
I Nov 2008	675	-23	603	0	603	10.1	635.28	1493
S Dec 2008	453	-23	339	0	339	5.5	638.77	1585
T Jan 2009	741	-25	655	0	655	10.6	641.08	1647
O Feb 2009	679	-18	629	0	629	11.3	642.29	1679
R Mar 2009	1037	-27	1035	0	1035	16.8	641.38	1655
I Apr 2009	1174	-30	1097	0	1097	18.4	643.11	1702
C May 2009	977	-28	916	0	916	14.9	644.36	1736
A Jun 2009	750	-28	788	0	788	13.2	641.92	1669
L Jul 2009	840	-20	835	0	835	13.6	641.37	1654
* Aug 2009	801	-31	756	0	756	12.3	641.90	1669
Sep 2009	640	-17	754	0	754	12.7	637.00	1538
WY 2009	9275	-287	9036	0	9036			
Oct 2009	499	-4	573	0	573	9.3	634.00	1460
Nov 2009	615	-18	572	0	572	9.6	635.00	1486
Dec 2009	581	-20	464	0	464	7.6	638.71	1583
Jan 2010	675	-22	569	0	569	9.3	641.80	1666
Feb 2010	673	-15	659	0	659	11.9	641.80	1666
Mar 2010	1004	-26	943	0	943	15.3	643.05	1700
Apr 2010	1137	-28	1110	0	1110	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	9473	-260	9186	0	9186			
Oct 2010	448	-4	574	0	574	9.3	633.00	1434
Nov 2010	537	-18	467	0	467	7.9	635.00	1486
Dec 2010	501	-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	1135	-28	1109	0	1109	18.6	643.00	1699
May 2011	1004	-35	969	0	969	15.8	643.00	1699
Jun 2011	894	-27	894	0	894	15.0	642.00	1671
Jul 2011	895	-23	886	0	886	14.4	641.50	1658
Aug 2011	814	-25	789	0	789	12.8	641.50	1658

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 9/2009 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
* Sep 2008	698	-10	519	8.7	82	94	448.19	584	99	1.7
WY 2008	9205	-80	6691		803	1622			1560	
H Oct 2008	632	3	452	7.4	77	136	446.55	553	84	1.4
I Nov 2008	603	16	379	6.4	53	168	447.54	571	118	2.0
S Dec 2008	339	15	236	3.8	67	65	446.81	558	139	2.3
T Jan 2009	655	-6	379	6.2	100	171	446.67	555	121	2.0
O Feb 2009	629	3	397	7.2	82	162	446.08	544	162	2.9
R Mar 2009	1035	-7	736	12.0	99	180	446.75	557	208	3.4
I Apr 2009	1097	-5	784	13.2	98	172	448.75	595	205	3.4
C May 2009	916	-3	647	10.5	101	165	448.71	594	122	2.0
A Jun 2009	788	-6	595	10.0	98	94	448.49	590	113	1.9
L Jul 2009	835	-13	655	10.6	100	75	448.11	582	120	2.0
* Aug 2009	756	-3	582	9.5	100	70	448.19	584	101	1.6
Sep 2009	754	-12	509	8.6	95	163	446.80	557	89	1.5
WY 2009	9036	-18	6352		1071	1622			1581	
Oct 2009	573	6	447	7.3	19	118	446.50	552	74	1.2
Nov 2009	572	13	360	6.0	102	123	446.50	552	103	1.7
Dec 2009	464	11	293	4.8	107	75	446.50	552	118	1.9
Jan 2010	569	25	342	5.6	84	168	446.50	552	119	1.9
Feb 2010	659	28	458	8.2	77	152	446.50	552	154	2.8
Mar 2010	943	30	717	11.7	85	168	446.70	555	204	3.3
Apr 2010	1110	-6	821	13.8	82	163	448.71	594	199	3.3
May 2010	969	-16	699	11.4	85	169	448.71	594	111	1.8
Jun 2010	897	-26	666	11.2	82	123	448.71	594	116	1.9
Jul 2010	888	-18	723	11.8	84	77	448.00	580	119	1.9
Aug 2010	791	-11	626	10.2	84	79	447.50	571	93	1.5
Sep 2010	751	-12	540	9.1	61	151	446.80	557	89	1.5
WY 2010	9186	24	6693		952	1565			1499	
Oct 2010	574	6	448	7.3	24	116	446.31	548	74	1.2
Nov 2010	467	13	361	6.1	24	92	446.50	552	103	1.7
Dec 2010	384	11	295	4.8	25	75	446.50	552	118	1.9
Jan 2011	568	25	341	5.5	83	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	1109	-6	820	13.8	81	164	448.71	594	200	3.4
May 2011	969	-16	700	11.4	84	170	448.71	594	113	1.8
Jun 2011	894	-26	664	11.2	81	124	448.71	594	115	1.9
Jul 2011	886	-18	722	11.7	83	77	448.00	580	119	1.9
Aug 2011	789	-11	625	10.2	83	79	447.50	571	93	1.5

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 9/2009 Most Prob Water Supply 09-Sep-2009 15:50:34
 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
* Sep 2008	652	11.0	1105.76	12013	58	0.00	1677.0	252.9	100	387.9
WY 2008	9530							3790.6		
H Oct 2008	508	8.3	1107.94	12213	201	0.00	1038.0	188.5	61	370.8
I Nov 2008	675	11.3	1107.33	12157	-56	0.00	926.0	263.1	55	389.9
S Dec 2008	453	7.4	1110.97	12496	339	0.00	1523.0	171.3	88	377.7
T Jan 2009	741	12.1	1111.78	12572	76	0.00	1305.0	299.0	75	403.3
O Feb 2009	679	12.2	1111.43	12539	-33	0.00	1415.0	263.8	81	388.5
R Mar 2009	1037	16.9	1107.40	12164	-376	0.00	950.0	415.9	55	401.2
I Apr 2009	1174	19.7	1101.26	11604	-560	0.00	1284.0	474.0	76	403.7
C May 2009	977	15.9	1096.92	11217	-387	0.00	1411.0	381.7	85	390.6
A Jun 2009	750	12.6	1095.26	11071	-146	0.00	1641.0	287.2	100	383.1
L Jul 2009	840	13.7	1094.20	10978	-93	0.00	1640.0	324.9	100	386.9
* Aug 2009	801	13.0	1093.73	10938	-41	0.00	1648.0	307.5	100	383.8
Sep 2009	640	10.7	1093.04	10877	-60	442.11	1656.0	248.5	100	388.6
WY 2009	9275							3625.4		
Oct 2009	499	8.1	1094.11	10970	93	447.85	1148.0	200.3	70	400.9
Nov 2009	615	10.3	1094.86	11035	65	448.48	1343.0	246.4	81	400.6
Dec 2009	581	9.5	1097.75	11290	255	448.82	1343.0	230.2	80	396.1
Jan 2010	675	11.0	1101.53	11628	338	449.66	1401.0	268.7	83	398.2
Feb 2010	673	12.1	1103.74	11828	200	453.07	1186.0	275.8	70	409.6
Mar 2010	1004	16.3	1103.04	11765	-63	452.81	1276.0	411.6	75	410.0
Apr 2010	1137	19.1	1101.72	11645	-120	450.72	1379.0	472.2	81	415.3
May 2010	1004	16.3	1101.66	11640	-5	448.69	1590.0	402.1	94	400.5
Jun 2010	897	15.1	1102.43	11710	70	448.72	1696.0	360.8	100	402.3
Jul 2010	898	14.6	1103.82	11836	126	450.28	1702.0	360.7	100	401.8
Aug 2010	816	13.3	1105.96	12031	195	452.19	1713.0	332.6	100	407.7
Sep 2010	674	11.3	1105.00	11943	-88	453.92	1707.0	269.9	100	400.7
WY 2010	9473							3831.3		
Oct 2010	448	7.3	1106.58	12089	145	458.38	1397.0	179.7	81	401.1
Nov 2010	537	9.0	1107.22	12148	59	461.20	1390.0	215.8	81	402.2
Dec 2010	501	8.1	1110.29	12433	285	461.14	1408.0	204.8	81	409.2
Jan 2011	674	11.0	1112.32	12624	191	461.53	1414.0	274.6	80	407.6
Feb 2011	667	12.0	1113.49	12734	110	463.29	1225.7	278.1	70	417.2
Mar 2011	1004	16.3	1110.80	12481	-253	461.52	1321.8	419.0	75	417.2
Apr 2011	1135	19.1	1106.48	12080	-401	456.95	1434.4	477.6	81	420.6
May 2011	1004	16.3	1105.06	11949	-131	452.74	1654.8	405.5	94	403.9
Jun 2011	894	15.0	1105.47	11987	38	451.91	1761.0	361.9	100	404.8
Jul 2011	895	14.6	1106.59	12089	103	453.16	1761.0	361.7	100	404.0
Aug 2011	814	13.2	1108.45	12262	172	454.80	1761.0	333.3	100	409.6

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 9/2009 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
* Sep 2008	698	11.7	638.80	1585	-61	0.00	255.0	86.5	100	123.9
WY 2008	9205							1137.7		
H Oct 2008	632	10.3	633.37	1444	-141	0.00	211.7	74.9	83	118.6
I Nov 2008	603	10.1	635.28	1493	49	0.00	186.2	71.8	73	119.1
S Dec 2008	339	5.5	638.77	1585	91	0.00	163.2	42.1	64	124.2
T Jan 2009	655	10.6	641.08	1647	62	0.00	155.6	80.8	61	123.4
O Feb 2009	629	11.3	642.29	1679	33	0.00	193.8	79.3	76	126.1
R Mar 2009	1035	16.8	641.38	1655	-25	0.00	255.0	121.2	100	117.1
I Apr 2009	1097	18.4	643.11	1702	47	0.00	255.0	135.7	100	123.7
C May 2009	916	14.9	644.36	1736	34	0.00	255.0	115.6	100	126.3
A Jun 2009	788	13.2	641.92	1669	-67	0.00	255.0	99.5	100	126.2
L Jul 2009	835	13.6	641.37	1654	-15	0.00	255.0	101.8	100	121.9
* Aug 2009	756	12.3	641.90	1669	14	0.00	255.0	94.4	100	124.8
Sep 2009	754	12.7	637.00	1538	-131	132.31	255.0	92.6	100	122.8
WY 2009	9036							1109.6		
Oct 2009	573	9.3	634.00	1460	-78	129.25	216.8	69.0	85	120.5
Nov 2009	572	9.6	635.00	1486	26	129.25	183.6	68.3	72	119.5
Dec 2009	464	7.6	638.71	1583	97	131.55	188.7	56.8	74	122.4
Jan 2010	569	9.3	641.80	1666	83	135.19	186.2	71.1	73	124.8
Feb 2010	659	11.9	641.80	1666	0	136.23	204.0	82.5	80	125.2
Mar 2010	943	15.3	643.05	1700	34	135.64	247.3	117.6	97	124.7
Apr 2010	1110	18.7	643.00	1699	-2	136.07	255.0	137.9	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	112.0	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	98.6	100	124.6
Sep 2010	751	12.6	638.00	1564	-94	132.63	255.0	92.4	100	123.1
WY 2010	9186							1137.7		
Oct 2010	574	9.3	633.00	1434	-130	128.65	237.2	69.1	93	120.5
Nov 2010	467	7.9	635.00	1486	51	127.14	234.6	55.9	92	119.7
Dec 2010	384	6.2	638.71	1583	97	130.00	239.7	47.2	94	122.9
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	1109	18.6	643.00	1699	-2	136.07	255.0	137.8	100	124.2
May 2011	969	15.8	643.00	1699	0	136.04	255.0	121.1	100	125.0
Jun 2011	894	15.0	642.00	1671	-27	135.51	255.0	111.6	100	124.8
Jul 2011	886	14.4	641.50	1658	-14	134.73	255.0	110.1	100	124.3
Aug 2011	789	12.8	641.50	1658	0	134.46	255.0	98.3	100	124.6

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 9/2009 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
* Sep 2008	519	8.7	448.19	584	-7	0.00	91.2	38.6	76	74.3
WY 2008	6691							453.4		
H Oct 2008	452	7.4	446.55	553	-31	0.00	90.0	31.2	75	68.9
I Nov 2008	379	6.4	447.54	571	18	0.00	90.0	26.2	75	69.1
S Dec 2008	236	3.8	446.81	558	-14	0.00	85.2	15.3	71	64.7
T Jan 2009	379	6.2	446.67	555	-3	0.00	78.0	25.9	65	68.2
O Feb 2009	397	7.2	446.08	544	-11	0.00	90.0	27.2	75	68.5
R Mar 2009	736	12.0	446.75	556	12	0.00	87.6	49.2	73	66.8
I Apr 2009	784	13.2	448.75	595	38	0.00	111.6	53.8	93	68.6
C May 2009	647	10.5	448.71	594	-1	0.00	120.0	44.9	100	69.4
A Jun 2009	595	10.0	448.49	590	-4	0.00	120.0	41.3	100	69.5
L Jul 2009	655	10.6	448.11	582	-7	0.00	120.0	43.4	100	66.3
* Aug 2009	582	9.5	448.19	584	2	0.00	118.8	39.9	99	68.6
Sep 2009	509	8.6	446.80	557	-26	76.29	90.0	33.8	75	66.3
WY 2009	6352							432.0		
Oct 2009	447	7.3	446.50	552	-6	75.47	90.0	29.2	75	65.2
Nov 2009	360	6.0	446.50	552	0	76.82	64.8	23.7	54	66.0
Dec 2009	293	4.8	446.50	552	0	75.32	90.0	18.6	75	63.5
Jan 2010	342	5.6	446.50	552	0	76.35	72.0	22.3	60	65.1
Feb 2010	458	8.2	446.50	552	0	75.38	88.8	30.0	74	65.6
Mar 2010	717	11.7	446.70	555	4	74.01	120.0	46.6	100	65.0
Apr 2010	821	13.8	448.71	594	38	75.09	120.0	54.2	100	66.1
May 2010	699	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	44.2	100	66.4
Jul 2010	723	11.8	448.00	580	-14	75.72	120.0	47.9	100	66.3
Aug 2010	626	10.2	447.50	571	-10	75.13	120.0	41.1	100	65.6
Sep 2010	540	9.1	446.80	557	-13	74.55	120.0	35.0	100	64.9
WY 2010	6693							439.4		
Oct 2010	448	7.3	446.31	548	-9	73.97	120.0	28.6	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	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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 9/2009 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
* Sep 2008	323	34	34	41	21	5
Summer 2008	323	34	34	41	21	5
H Oct 2008	334	27	25	30	17	5
I Nov 2008	267	25	9	12	6	4
S Dec 2008	355	30	10	14	7	2
T Jan 2009	352	31	11	15	6	4
O Feb 2009	262	24	12	15	4	3
R Mar 2009	271	20	14	15	10	3
Winter 2009	1840	156	81	101	50	21
I Apr 2009	260	19	17	24	16	3
C May 2009	256	57	33	55	23	4
A Jun 2009	301	38	54	66	22	8
L Jul 2009	371	47	45	53	22	8
* Aug 2009	368	50	39	46	23	9
Sep 2009	253	44	27	34	16	6
Summer 2009	1810	256	215	277	122	38
Oct 2009	262	40	18	22	12	1
Nov 2009	293	38	9	11	6	0
Dec 2009	361	39	30	37	19	6
Jan 2010	400	40	28	36	18	6
Feb 2010	333	35	16	21	10	5
Mar 2010	373	39	11	15	8	5
Winter 2010	2022	230	112	143	73	24
Apr 2010	414	37	12	20	12	6
May 2010	420	55	19	32	23	7
Jun 2010	438	67	21	32	21	9
Jul 2010	460	37	36	44	23	10
Aug 2010	436	37	38	45	23	10
Sep 2010	253	36	32	39	20	4
Summer 2010	2420	270	158	212	123	44
Oct 2010	260	37	18	22	12	5
Nov 2010	254	36	9	11	6	6
Dec 2010	337	37	35	43	21	6
Jan 2011	336	38	27	34	17	5
Feb 2011	293	33	17	23	12	5
Mar 2011	292	37	12	17	9	5
Winter 2011	1772	219	117	149	77	31
Apr 2011	292	36	15	24	13	5
May 2011	368	52	22	36	23	7
Jun 2011	428	68	22	33	22	9
Jul 2011	454	41	35	42	23	10
Aug 2011	431	41	38	45	23	10

model_run_id = 2033

FLOOD CONTROL CRITERIA
BEGINNING OF MONTH CONDITIONS

MON	YEAR	FLAMING	BLUE		LAKE	UPPER	LAKE		TOT OR	LAKE	LAKE		BOM	MEAD	MEAD				
		GORGE KAF	MESA KAF	NAVAJO KAF	POWELL KAF	BASIN TOTAL KAF	MEAD KAF	TOTAL KAF	FLAMING KAF	BLUE MESA KAF	NAVAJO KAF	MAX ALLOW KAF	POWELL 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 * * * *																			
SEP	2009	342	122	351	8621	9436	16442	25878	342	122	351	815	8621	16442	25878	2270	640	0	34.5
OCT	2009	419	164	376	8703	9661	16503	26164	419	164	376	959	8703	16503	26164	3040	499	0	34.3
NOV	2009	478	180	375	8802	9834	16410	26244	478	180	375	1033	8802	16410	26244	3810	615	0	34.1
DEC	2009	533	176	376	8990	10075	16345	26420	533	176	376	1085	8990	16345	26420	4580	581	0	34.0
JAN	2010	596	248	385	9285	10515	16090	26604	596	248	385	1229	9285	16090	26604	5350	675	0	33.9
* * * * E F F E C T I V E S P A C E * * * *																			
JAN	2010	596	248	385	9285	10515	16090	26604	223	248	277	748	9285	16090	26123	5350	675	0	33.9
FEB	2010	667	319	396	9705	11086	15752	26838	292	319	287	898	9705	15752	26354	1500	673	0	33.7
MAR	2010	724	350	399	10034	11507	15552	27059	348	350	289	987	10034	15552	26573	1500	1004	0	33.4
APR	2010	761	356	357	10295	11769	15615	27384	382	356	241	979	10295	15615	26889	1500	1137	0	33.3
MAY	2010	750	322	273	10458	11802	15735	27537	365	322	139	825	10458	15735	27017	1500	1004	0	34.4
JUN	2010	680	186	212	9596	10674	15740	26415	286	180	46	512	9596	15740	25848	1500	897	0	36.0
JUL	2010	503	13	260	8354	9130	15670	24801	94	-17	46	123	8354	15670	24147	1500	898	0	36.1
* * * * C R E D I T A B L E S P A C E * * * *																			
AUG	2010	427	27	264	8394	9112	15544	24656	427	27	264	718	8394	15544	24656	1500	816	0	35.8
SEP	2010	455	84	275	8828	9641	15349	24990	455	84	275	814	8828	15349	24990	2270	674	0	35.4
OCT	2010	505	141	274	8901	9821	15437	25258	505	141	274	920	8901	15437	25258	3040	448	0	35.2
NOV	2010	555	160	268	8976	9960	15291	25251	555	160	268	983	8976	15291	25251	3810	537	0	35.2
DEC	2010	606	157	268	9040	10072	15232	25304	606	157	268	1032	9040	15232	25304	4580	501	0	35.2
JAN	2011	672	248	278	9272	10471	14947	25418	672	248	278	1199	9272	14947	25418	5350	674	0	35.1
* * * * E F F E C T I V E S P A C E * * * *																			
JAN	2011	672	248	278	9272	10471	14947	25418	377	248	210	835	9272	14947	25054	5350	674	0	35.1
FEB	2011	738	314	288	9548	10888	14756	25644	441	314	220	974	9548	14756	25278	1500	667	0	34.9
MAR	2011	786	350	287	9774	11197	14646	25844	487	350	218	1055	9774	14646	25475	1500	1004	0	34.6
APR	2011	788	357	241	9906	11293	14899	26192	485	357	165	1008	9906	14899	25813	1500	1135	0	34.4
MAY	2011	751	340	145	9859	11095	15300	26395	441	340	50	831	9859	15300	25990	1500	1004	0	35.4
JUN	2011	641	214	158	8963	9976	15431	25407	321	211	31	563	8963	15431	24957	1500	894	0	37.0
JUL	2011	444	38	223	7679	8383	15393	23776	107	11	48	166	7679	15393	23238	1500	895	0	37.3
* * * * C R E D I T A B L E S P A C E * * * *																			
AUG	2011	355	27	225	7558	8165	15291	23455	355	27	225	607	7558	15291	23455	1500	814	0	37.0