

To: All Annual Operating Plan Recipients

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

The Interim Guidelines are available for download at <http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf>. The 2009 AOP is available for download at http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP09_final.pdf.

This March 24-Month Study projects that the annual release volume from Glen Canyon Dam for water year 2009 will be 9.394 million acre-feet (maf) consistent with Sections 6.B.3 and 6.A.1 of the Interim Guidelines. The Interim Guidelines contain a provision for an April adjustment to the operational parameters for Lake Powell when specific conditions occur. The operations reflected in this March 24-Month Study are consistent with this provision. It should be noted that such adjustments, as well as the coordinated operations in general, are sensitive to current inflow projections and may therefore change from month to month as new inflow projections are incorporated.

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 February 2009 was 0.331 maf or 79% of the 30 year average. The forecast for March 2009 unregulated inflow into Lake Powell is 0.575 maf or 87% of the 30 year average. The forecast for the April through July unregulated inflow is 7.80 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 0.860 maf. The CY 2009 diversion for the Central Arizona Project (CAP) is forecasted to be 1.501 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.322 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 3/2009 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
* Mar 2008	32	0	43	0	43	6465.20	100
H Apr 2008	53	1	42	0	42	6467.95	111
I May 2008	132	1	64	1	65	6481.73	177
S Jun 2008	224	2	100	0	101	6499.83	298
T Jul 2008	173	3	104	34	138	6503.99	330
O Aug 2008	47	2	91	0	91	6497.83	283
R Sep 2008	36	2	63	0	63	6493.80	254
WY 2008	838	14	712	44	756		
I Oct 2008	43	1	65	0	65	6490.51	231
C Nov 2008	41	1	48	13	61	6487.43	211
A Dec 2008	30	1	26	35	60	6482.26	180
L Jan 2009	33	1	61	0	61	6476.93	151
* Feb 2009	27	0	53	0	53	6471.15	124
Mar 2009	40	0	60	0	60	6466.12	103
Apr 2009	90	1	64	0	64	6472.31	129
May 2009	180	1	100	4	105	6486.18	203
Jun 2009	277	2	104	75	179	6500.13	300
Jul 2009	168	3	102	37	138	6503.57	326
Aug 2009	77	2	92	0	92	6501.35	309
Sep 2009	47	2	60	7	67	6498.48	288
WY 2009	1052	15	834	170	1004		
Oct 2009	49	1	69	0	69	6495.47	266
Nov 2009	41	1	67	0	67	6491.64	239
Dec 2009	32	1	69	0	69	6485.83	201
Jan 2010	30	1	69	0	69	6478.90	161
Feb 2010	27	0	62	0	62	6471.40	125
Mar 2010	51	0	69	0	69	6466.99	107
Apr 2010	89	1	83	0	83	6468.21	112
May 2010	176	1	99	3	101	6483.21	185
Jun 2010	308	2	103	94	196	6499.40	294
Jul 2010	186	3	101	37	138	6505.22	339
Aug 2010	83	2	100	5	105	6502.15	315
Sep 2010	49	2	68	0	68	6499.40	294
WY 2010	1120	15	960	138	1098		
Oct 2010	49	1	70	0	70	6496.29	272
Nov 2010	41	1	68	0	68	6492.37	244
Dec 2010	32	1	70	0	70	6486.47	205
Jan 2011	30	1	70	0	70	6479.50	164
Feb 2011	27	0	63	0	63	6471.92	127

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 3/2009 Most Prob Water Supply 12-Mar-2009 09:18:14
 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
* Mar 2008	59	70	3	50	0	50	84	6021.55	3035	50	141
H Apr 2008	83	71	5	53	0	53	85	6021.85	3045	200	231
I May 2008	176	110	7	101	0	101	85	6021.85	3045	772	793
S Jun 2008	284	161	10	177	0	177	84	6021.15	3020	723	917
T Jul 2008	188	153	12	93	0	93	86	6022.43	3066	152	306
O Aug 2008	48	92	12	92	0	92	85	6022.11	3055	29	132
R Sep 2008	40	67	10	89	0	89	84	6021.25	3024	22	126
WY 2008	1023	943	75	893	10	903					3017
I Oct 2008	45	67	7	71	0	71	83	6020.97	3014	21	119
C Nov 2008	47	66	3	65	0	65	83	6020.91	3012	0	107
A Dec 2008	17	48	2	79	0	79	82	6020.01	2980	0	116
L Jan 2009	39	67	2	80	0	80	82	6019.63	2967	0	752
* Feb 2009	37	64	2	62	0	62	82	6019.63	2967	0	104
Mar 2009	60	80	3	51	0	51	83	6020.36	2992	0	51
Apr 2009	115	89	5	48	0	48	84	6021.34	3027	0	48
May 2009	220	145	7	94	0	94	86	6022.50	3069	0	94
Jun 2009	329	230	10	181	0	181	87	6023.54	3107	0	181
Jul 2009	181	152	13	80	0	80	89	6025.08	3163	0	80
Aug 2009	85	100	12	80	0	80	90	6025.28	3171	0	80
Sep 2009	55	75	11	77	0	77	89	6024.94	3158	0	77
WY 2009	1231	1183	77	967	0	967					1808
Oct 2009	59	80	7	80	0	80	89	6024.75	3151	0	80
Nov 2009	51	77	3	77	0	77	89	6024.66	3148	0	77
Dec 2009	37	74	2	80	0	80	89	6024.46	3140	0	80
Jan 2010	41	80	2	80	0	80	88	6024.43	3139	0	80
Feb 2010	45	81	2	72	0	72	89	6024.60	3145	0	72
Mar 2010	103	121	3	80	0	80	90	6025.60	3182	0	80
Apr 2010	142	137	5	77	0	77	92	6027.00	3235	0	77
May 2010	263	189	8	140	0	140	94	6028.04	3274	0	140
Jun 2010	400	288	11	177	0	177	98	6030.57	3371	0	177
Jul 2010	219	172	14	113	0	113	99	6031.68	3414	0	113
Aug 2010	97	118	13	113	0	113	99	6031.50	3407	0	113
Sep 2010	58	78	11	109	0	109	98	6030.43	3366	0	109
WY 2010	1516	1495	80	1198	0	1198					1198
Oct 2010	59	81	7	113	0	113	96	6029.45	3328	0	113
Nov 2010	51	78	3	109	0	109	95	6028.59	3295	0	109
Dec 2010	37	75	2	113	0	113	93	6027.58	3257	0	113
Jan 2011	41	81	2	113	0	113	92	6026.73	3225	0	113
Feb 2011	45	82	2	102	0	102	91	6026.15	3203	0	102

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 3/2009 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
* Mar 2008	4	7	9313.24	75
H Apr 2008	7	19	9305.56	63
I May 2008	36	27	9310.30	70
S Jun 2008	65	40	9324.75	96
T Jul 2008	29	34	9322.03	91
O Aug 2008	12	23	9315.69	79
R Sep 2008	8	15	9311.36	72
WY 2008	186	190		
I Oct 2008	7	7	9311.31	72
C Nov 2008	5	5	9311.19	72
A Dec 2008	6	5	9311.34	72
L Jan 2009	5	5	9311.21	72
* Feb 2009	4	5	9310.95	71
Mar 2009	5	5	9310.70	71
Apr 2009	10	12	9309.23	69
May 2009	29	20	9315.01	78
Jun 2009	45	22	9327.29	101
Jul 2009	21	24	9325.87	98
Aug 2009	10	18	9321.82	90
Sep 2009	7	14	9318.00	83
WY 2009	154	143		
Oct 2009	6	10	9315.76	79
Nov 2009	5	6	9315.11	78
Dec 2009	4	6	9314.18	77
Jan 2010	4	6	9313.10	75
Feb 2010	4	6	9311.71	73
Mar 2010	4	6	9310.63	71
Apr 2010	8	10	9309.58	69
May 2010	27	18	9315.16	78
Jun 2010	43	22	9326.54	99
Jul 2010	20	22	9325.73	98
Aug 2010	10	22	9319.34	86
Sep 2010	7	15	9314.75	78
WY 2010	143	149		
Oct 2010	6	10	9312.41	74
Nov 2010	5	6	9311.72	73
Dec 2010	4	6	9310.75	71
Jan 2011	4	6	9309.61	69
Feb 2011	4	6	9308.15	67

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 3/2009 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
* Mar 2008	36	39	0	53	0	53	7470.50	439
H Apr 2008	107	119	1	147	0	147	7466.24	411
I May 2008	318	312	1	199	50	250	7475.27	472
S Jun 2008	409	383	1	143	20	163	7503.56	691
T Jul 2008	172	176	1	103	0	103	7511.87	762
O Aug 2008	70	82	1	119	0	119	7507.44	724
R Sep 2008	35	42	1	115	0	115	7498.61	650
WY 2008	1324	1329	8	1287	70	1358		
I Oct 2008	33	33	1	85	0	85	7492.14	598
C Nov 2008	27	28	0	33	0	33	7491.42	592
A Dec 2008	28	27	0	36	0	36	7490.25	583
L Jan 2009	26	27	0	39	0	39	7488.62	571
* Feb 2009	24	24	0	42	0	42	7486.19	552
Mar 2009	37	37	0	93	0	93	7478.63	496
Apr 2009	85	87	1	99	0	99	7476.91	484
May 2009	230	221	1	115	0	115	7490.88	588
Jun 2009	287	265	1	68	0	68	7514.22	783
Jul 2009	128	131	2	110	0	110	7516.39	802
Aug 2009	64	72	1	121	0	121	7510.70	752
Sep 2009	37	44	1	111	0	111	7502.72	684
WY 2009	1006	995	9	952	0	952		
Oct 2009	35	39	1	80	0	80	7497.67	642
Nov 2009	31	32	0	50	0	50	7495.37	624
Dec 2009	25	27	0	69	0	69	7490.00	581
Jan 2010	24	26	0	73	0	73	7483.79	534
Feb 2010	22	24	0	62	0	62	7478.55	495
Mar 2010	34	36	0	63	0	63	7474.74	468
Apr 2010	73	75	1	64	0	64	7476.20	479
May 2010	212	203	1	69	0	69	7493.84	612
Jun 2010	271	250	1	69	0	69	7515.22	792
Jul 2010	121	122	2	110	0	110	7516.40	802
Aug 2010	62	74	1	122	0	122	7510.78	753
Sep 2010	36	44	1	113	0	113	7502.60	683
WY 2010	946	951	9	944	0	944		
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	495

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 3/2009 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
* Mar 2008	34	53	-2	54	0	45	0	45	7155.12	113
H Apr 2008	109	147	1	148	0	153	0	153	7149.81	109
I May 2008	343	250	25	275	0	255	24	278	7144.87	105
S Jun 2008	432	163	23	186	0	177	4	180	7152.31	111
T Jul 2008	178	103	6	109	0	108	0	108	7152.94	111
O Aug 2008	71	119	0	120	0	117	0	117	7156.16	114
R Sep 2008	35	115	0	115	0	115	0	115	7155.78	114
WY 2008	1358	1358	34	1413	1	1365	27	1392		
I Oct 2008	33	85	0	85	0	86	0	86	7153.95	112
C Nov 2008	29	33	2	35	0	35	0	35	7153.60	112
A Dec 2008	29	36	2	38	0	39	0	39	7152.11	111
L Jan 2009	28	39	1	40	0	43	0	43	7148.12	108
* Feb 2009	24	42	1	43	0	45	0	45	7145.98	106
Mar 2009	41	93	4	97	0	91	0	91	7153.73	112
Apr 2009	98	99	13	112	0	112	0	112	7153.73	112
May 2009	257	115	27	142	0	142	0	142	7153.73	112
Jun 2009	310	68	23	91	0	91	0	91	7153.73	112
Jul 2009	135	110	7	117	0	117	0	117	7153.73	112
Aug 2009	68	121	4	125	0	125	0	125	7153.73	112
Sep 2009	40	111	3	114	0	114	0	114	7153.73	112
WY 2009	1092	952	86	1039	0	1040	0	1040		
Oct 2009	38	80	3	83	0	83	0	83	7153.73	112
Nov 2009	33	50	2	52	0	52	0	52	7153.73	112
Dec 2009	27	69	2	71	0	71	0	71	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	110	7	117	0	117	0	117	7153.73	112
Aug 2010	65	122	4	126	0	126	0	126	7153.73	112
Sep 2010	39	113	3	116	0	116	0	116	7153.73	112
WY 2010	1032	944	86	1030	0	1030	0	1030		
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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 3/2009 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
* Mar 2008	41	45	6	52	52	0	52	6749.59	16	1	53
H Apr 2008	124	153	16	168	127	40	168	6751.31	16	23	150
I May 2008	388	278	45	323	130	191	321	6760.22	19	54	279
S Jun 2008	484	180	52	232	118	116	234	6753.95	17	47	201
T Jul 2008	191	108	13	121	123	0	123	6747.80	15	62	73
O Aug 2008	75	117	5	122	123	0	123	6742.41	14	66	66
R Sep 2008	38	115	3	118	118	0	118	6741.71	14	61	63
WY 2008	1520	1392	162	1554	1164	391	1555			356	1283
I Oct 2008	36	86	3	89	89	0	89	6744.34	15	55	45
C Nov 2008	33	35	4	38	39	0	39	6742.20	14	1	40
A Dec 2008	32	39	3	42	42	0	42	6742.53	14	1	43
L Jan 2009	31	43	4	47	38	9	47	6741.02	14	1	49
* Feb 2009	28	45	3	48	24	20	45	6752.05	17	1	46
Mar 2009	49	91	8	99	99	0	99	6753.04	17	5	94
Apr 2009	115	112	17	129	129	0	129	6753.04	17	30	99
May 2009	299	142	42	184	134	50	184	6753.04	17	55	129
Jun 2009	338	91	28	119	119	0	119	6753.04	17	60	59
Jul 2009	148	117	13	130	130	0	130	6753.04	17	65	65
Aug 2009	75	125	7	132	132	0	132	6753.04	17	65	67
Sep 2009	46	114	6	120	120	0	120	6753.04	17	55	65
WY 2009	1230	1040	138	1178	1095	79	1174			392	800
Oct 2009	44	83	7	89	89	0	89	6753.04	17	30	59
Nov 2009	38	52	5	57	57	0	57	6753.04	17	0	57
Dec 2009	32	71	5	76	76	0	76	6753.04	17	0	76
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	117	17	134	134	0	134	6753.04	17	65	69
Aug 2010	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2010	45	116	6	122	122	0	122	6753.04	17	55	67
WY 2010	1183	1030	151	1181	1181	0	1181			365	816
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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 3/2009 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
* Mar 2008	10692	36	7626.73	39
H Apr 2008	29791	29	7628.85	43
I May 2008	74109	38	7647.76	82
S Jun 2008	75259	43	7663.79	122
T Jul 2008	30986	40	7660.68	114
O Aug 2008	14543	39	7651.24	90
R Sep 2008	10078	31	7642.57	70
WY 2008	284404	315		
I Oct 2008	8958	14	7640.18	65
C Nov 2008	4742	2	7641.75	68
A Dec 2008	4620	2	7643.06	71
L Jan 2009	5252	2	7644.39	74
* Feb 2009	4082	2	7645.61	77
Mar 2009	7	3	7647.51	81
Apr 2009	22	14	7650.75	89
May 2009	78	50	7661.79	117
Jun 2009	79	73	7663.78	122
Jul 2009	31	43	7659.13	110
Aug 2009	19	43	7649.48	86
Sep 2009	17	33	7642.72	70
WY 2009	27907	280		
Oct 2009	13	21	7638.86	62
Nov 2009	8	8	7638.92	62
Dec 2009	6	3	7640.24	65
Jan 2010	5	3	7641.17	67
Feb 2010	5	3	7641.96	69
Mar 2010	8	3	7644.12	73
Apr 2010	22	13	7647.91	82
May 2010	69	42	7658.80	109
Jun 2010	78	62	7664.47	124
Jul 2010	31	43	7659.67	111
Aug 2010	19	40	7651.24	90
Sep 2010	17	31	7645.24	76
WY 2010	281	272		
Oct 2010	13	19	7642.43	70
Nov 2010	8	7	7642.93	71
Dec 2010	6	5	7643.33	72
Jan 2011	5	5	7643.55	72
Feb 2011	5	4	7643.69	72

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 3/2009 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
* Mar 2008	147	6	167	2	6	226	6057.91	1321	284
H Apr 2008	249	27	221	2	21	159	6060.97	1360	240
I May 2008	337	45	254	4	31	159	6065.54	1420	303
S Jun 2008	310	49	217	4	39	224	6061.77	1370	411
T Jul 2008	82	14	74	4	40	32	6061.63	1369	103
O Aug 2008	31	3	52	4	36	40	6059.46	1341	58
R Sep 2008	31	2	48	3	22	45	6057.74	1319	57
WY 2008	1355	146	1220	28	206	1185			1887
I Oct 2008	28	0	34	2	11	32	6056.83	1308	45
C Nov 2008	21	0	17	1	0	30	6055.68	1294	47
A Dec 2008	19	0	16	1	0	31	6054.38	1278	48
L Jan 2009	22	0	19	1	1	31	6053.29	1265	54
* Feb 2009	27	1	24	1	0	28	6052.85	1259	48
Mar 2009	70	0	65	2	4	31	6055.24	1288	31
Apr 2009	155	14	133	2	15	30	6062.02	1374	30
May 2009	315	45	242	4	26	121	6068.83	1464	121
Jun 2009	265	37	223	5	41	182	6068.46	1459	182
Jul 2009	80	5	86	5	43	31	6069.06	1468	31
Aug 2009	46	5	64	4	36	31	6068.57	1461	31
Sep 2009	43	2	57	3	20	30	6068.85	1465	30
WY 2009	1092	108	980	28	199	608			697
Oct 2009	38	2	44	2	7	31	6069.18	1469	31
Nov 2009	33	0	32	1	0	30	6069.30	1471	30
Dec 2009	24	0	21	1	0	31	6068.54	1460	31
Jan 2010	22	0	20	1	0	31	6067.68	1449	31
Feb 2010	30	0	28	1	0	28	6067.65	1448	28
Mar 2010	88	2	82	2	4	31	6070.92	1493	31
Apr 2010	174	16	149	3	16	34	6077.62	1589	34
May 2010	279	33	218	4	28	200	6076.64	1575	200
Jun 2010	246	29	202	5	43	212	6072.56	1516	212
Jul 2010	74	7	79	5	46	31	6072.38	1514	31
Aug 2010	43	3	61	4	39	31	6071.54	1502	31
Sep 2010	42	1	55	3	22	30	6071.56	1502	30
WY 2010	1094	93	991	30	205	718			718
Oct 2010	38	0	44	2	7	31	6071.85	1506	31
Nov 2010	33	0	32	1	1	30	6071.83	1506	30
Dec 2010	24	0	23	1	1	31	6071.15	1497	31
Jan 2011	22	0	21	1	0	31	6070.41	1486	31
Feb 2011	30	0	30	1	0	28	6070.49	1487	28

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 3/2009 Most Prob Water Supply Lake Powell 12-Mar-2009 09:18:14

	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
* Mar 2008	589	738	13	737	93	830	3589.77	18393	10800	850
H Apr 2008	1003	1004	21	678	0	678	3594.09	18280	11195	691
I May 2008	2644	2365	27	790	0	790	3610.81	18174	12812	807
S Jun 2008	3593	3330	49	791	0	791	3631.05	18346	14971	810
T Jul 2008	1709	1430	63	865	0	865	3633.00	18364	15192	887
O Aug 2008	489	596	62	890	0	890	3629.55	18333	14803	914
R Sep 2008	390	555	56	723	0	723	3626.90	18309	14509	738
WY 2008	12427	12442	396	8885	93	8978				9164
I Oct 2008	382	498	38	749	0	749	3623.82	18282	14172	762
C Nov 2008	418	455	36	603	0	603	3621.90	18266	13966	612
A Dec 2008	313	387	28	801	0	801	3617.89	18232	13541	818
L Jan 2009	329	394	9	802	0	802	3614.17	18201	13155	822
* Feb 2009	329	383	9	602	0	602	3612.05	18189	12938	612
Mar 2009	575	580	24	625	0	625	3611.43	18184	12874	625
Apr 2009	1000	851	27	750	0	750	3612.10	18190	12943	750
May 2009	2500	2136	38	775	0	775	3623.78	18288	14168	775
Jun 2009	2907	2535	46	910	0	910	3636.81	18405	15630	910
Jul 2009	1393	1273	54	1100	0	1100	3637.75	18414	15740	1100
Aug 2009	579	658	55	1078	0	1078	3633.94	18378	15299	1078
Sep 2009	465	570	47	600	0	600	3633.31	18373	15227	600
WY 2009	11190	10718	412	9394	0	9394				9463
Oct 2009	506	574	43	620	0	620	3632.59	18366	15145	620
Nov 2009	523	566	35	600	0	600	3632.02	18361	15080	600
Dec 2009	418	511	29	800	0	800	3629.40	18337	14786	800
Jan 2010	384	481	22	800	0	800	3626.56	18312	14471	800
Feb 2010	395	460	20	600	0	600	3625.20	18300	14322	600
Mar 2010	628	581	25	700	0	700	3623.97	18290	14189	700
Apr 2010	952	770	29	700	0	700	3624.33	18293	14227	700
May 2010	2161	1878	40	700	0	700	3633.78	18377	15281	700
Jun 2010	2808	2421	48	879	0	879	3645.51	18488	16664	879
Jul 2010	1345	1238	57	1200	0	1200	3645.37	18486	16646	1200
Aug 2010	566	672	57	1105	0	1105	3641.59	18450	16192	1105
Sep 2010	459	597	49	600	0	600	3641.19	18446	16144	600
WY 2010	11147	10750	456	9304	0	9304				9304
Oct 2010	506	603	44	620	0	620	3640.71	18441	16087	620
Nov 2010	523	597	37	600	0	600	3640.39	18438	16049	600
Dec 2010	418	548	31	800	0	800	3638.17	18418	15788	800
Jan 2011	384	514	23	800	0	800	3635.71	18395	15502	800
Feb 2011	395	489	21	750	0	750	3633.44	18374	15241	750

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 3/2009 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
* Mar 2008	830	116	35	1025	16.7	17	1023	841	1115.65	12940
H Apr 2008	678	40	44	1159	19.5	24	1155	810	1110.61	12463
I May 2008	790	49	49	1113	18.1	30	1110	789	1107.05	12132
S Jun 2008	791	44	59	949	15.9	30	949	776	1104.98	11941
T Jul 2008	865	63	73	876	14.2	33	874	773	1104.42	11890
O Aug 2008	890	95	78	804	13.1	34	789	777	1105.13	11955
R Sep 2008	723	77	64	652	11.0	22	642	781	1105.76	12013
WY 2008	8978	912	606	9531		278	9468			
I Oct 2008	749	47	47	508	8.3	26	498	794	1107.94	12213
C Nov 2008	603	73	47	675	11.3	14	659	790	1107.33	12157
A Dec 2008	801	63	41	453	7.4	8	432	812	1110.97	12496
L Jan 2009	802	63	34	741	12.1	9	739	817	1111.78	12572
* Feb 2009	602	79	31	679	12.2	6	669	815	1111.43	12539
Mar 2009	625	96	34	1053	17.1	28	1053	791	1107.47	12170
Apr 2009	750	75	42	1134	19.1	25	1134	768	1103.62	11817
May 2009	775	70	48	1030	16.7	34	1030	752	1100.84	11566
Jun 2009	910	24	57	888	14.9	32	888	749	1100.39	11525
Jul 2009	1100	61	72	900	14.6	34	900	759	1102.01	11672
Aug 2009	1078	110	77	785	12.8	35	785	776	1105.02	11945
Sep 2009	600	78	64	586	9.9	30	586	776	1105.00	11943
WY 2009	9394	839	595	9433		280	9372			
Oct 2009	620	73	47	476	7.7	39	476	784	1106.34	12067
Nov 2009	600	73	47	528	8.9	28	528	789	1107.06	12133
Dec 2009	800	65	41	570	9.3	22	570	803	1109.41	12350
Jan 2010	800	131	34	678	11.0	19	678	815	1111.42	12539
Feb 2010	600	134	31	667	12.0	18	667	816	1111.60	12556
Mar 2010	700	96	35	1013	16.5	25	1013	799	1108.83	12296
Apr 2010	700	75	42	1136	19.1	23	1136	773	1104.48	11896
May 2010	700	70	48	1009	16.4	32	1009	754	1101.18	11596
Jun 2010	879	24	57	902	15.2	30	902	749	1100.28	11516
Jul 2010	1200	61	72	902	14.7	32	902	764	1102.93	11755
Aug 2010	1105	110	78	811	13.2	33	811	782	1105.95	12031
Sep 2010	600	78	64	679	11.4	28	679	776	1105.00	11944
WY 2010	9304	990	596	9371		327	9371			
Oct 2010	620	73	47	453	7.4	36	453	786	1106.60	12090
Nov 2010	600	73	47	515	8.7	25	515	791	1107.47	12171
Dec 2010	800	65	41	531	8.6	20	531	808	1110.23	12427
Jan 2011	800	131	34	677	11.0	19	677	820	1112.24	12617
Feb 2011	750	134	31	661	11.9	18	661	831	1113.97	12780

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 3/2009 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
* Mar 2008	1025	-26	974	0	974	15.8	640.01	1618
H Apr 2008	1159	-23	1104	0	1104	18.6	641.20	1650
I May 2008	1113	-45	993	0	993	16.2	643.95	1725
S Jun 2008	949	-34	932	0	932	15.7	643.36	1709
T Jul 2008	876	-23	896	0	896	14.6	641.79	1666
O Aug 2008	804	-26	798	0	798	13.0	641.06	1646
R Sep 2008	652	-15	698	0	698	11.7	638.80	1585
WY 2008	9531	-285	9205	0	9205			
I Oct 2008	508	-18	632	0	632	10.3	633.37	1444
C Nov 2008	675	-23	603	0	603	10.1	635.28	1493
A Dec 2008	453	-23	339	0	339	5.5	638.77	1585
L Jan 2009	741	-25	655	0	655	10.6	641.08	1647
* Feb 2009	679	-18	629	0	629	11.3	642.29	1679
Mar 2009	1053	-26	993	0	993	16.2	643.50	1712
Apr 2009	1134	-28	1120	0	1120	18.8	643.00	1699
May 2009	1030	-35	995	0	995	16.2	643.00	1699
Jun 2009	888	-27	888	0	888	14.9	642.00	1671
Jul 2009	900	-23	890	0	890	14.5	641.50	1658
Aug 2009	785	-25	760	0	760	12.4	641.50	1658
Sep 2009	586	-17	663	0	663	11.1	638.00	1564
WY 2009	9433	-289	9165	0	9165			
Oct 2009	476	-4	601	0	601	9.8	633.00	1434
Nov 2009	528	-18	485	0	485	8.1	634.00	1460
Dec 2009	570	-20	428	0	428	7.0	638.71	1583
Jan 2010	678	-22	573	0	573	9.3	641.80	1666
Feb 2010	667	-15	652	0	652	11.7	641.80	1666
Mar 2010	1013	-26	953	0	953	15.5	643.05	1700
Apr 2010	1136	-28	1109	0	1109	18.6	643.00	1699
May 2010	1009	-35	974	0	974	15.8	643.00	1699
Jun 2010	902	-27	902	0	902	15.2	642.00	1671
Jul 2010	902	-23	893	0	893	14.5	641.50	1658
Aug 2010	811	-25	786	0	786	12.8	641.50	1658
Sep 2010	679	-17	756	0	756	12.7	638.00	1564
WY 2010	9371	-260	9111	0	9111			
Oct 2010	453	-4	579	0	579	9.4	633.00	1434
Nov 2010	515	-18	471	0	471	7.9	634.00	1460
Dec 2010	531	-20	388	0	388	6.3	638.71	1583
Jan 2011	677	-22	572	0	572	9.3	641.80	1666
Feb 2011	661	-15	646	0	646	11.6	641.80	1666

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 3/2009 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
* Mar 2008	974	-15	744	12.1	46	168	446.47	551	205	3.3
H Apr 2008	1104	-10	838	14.1	76	166	447.25	566	202	3.4
I May 2008	993	-11	684	11.1	97	172	448.84	596	113	1.8
S Jun 2008	932	-25	691	11.6	94	126	448.62	592	115	1.9
T Jul 2008	896	-18	728	11.8	87	78	447.86	577	122	2.0
O Aug 2008	798	-2	635	10.3	82	65	448.54	590	109	1.8
R Sep 2008	698	-10	519	8.7	82	94	448.19	584	99	1.7
WY 2008	9205	-80	6692		803	1622			1560	
I Oct 2008	632	3	452	7.4	77	136	446.55	553	84	1.4
C Nov 2008	603	16	379	6.4	53	168	447.54	571	118	2.0
A Dec 2008	339	15	236	3.8	67	65	446.81	558	139	2.3
L Jan 2009	655	-7	379	6.2	99	171	446.67	555	121	2.0
* Feb 2009	629	3	397	7.2	82	162	446.08	544	163	2.9
Mar 2009	993	30	723	11.8	99	184	447.00	561	208	3.4
Apr 2009	1120	-6	824	13.9	101	156	448.71	594	200	3.4
May 2009	995	-16	708	11.5	99	172	448.71	594	113	1.8
Jun 2009	888	-26	668	11.2	96	98	448.71	594	112	1.9
Jul 2009	890	-18	729	11.9	99	58	448.00	580	119	1.9
Aug 2009	760	-11	623	10.1	95	41	447.50	571	93	1.5
Sep 2009	663	-12	546	9.2	27	91	446.81	557	89	1.5
WY 2009	9165	-29	6665		995	1503			1559	
Oct 2009	601	6	455	7.4	22	139	446.31	548	74	1.2
Nov 2009	485	13	365	6.1	20	109	446.50	552	103	1.7
Dec 2009	428	11	297	4.8	21	120	446.50	552	116	1.9
Jan 2010	573	25	345	5.6	84	168	446.50	552	119	1.9
Feb 2010	652	28	452	8.1	76	152	446.50	552	154	2.8
Mar 2010	953	30	727	11.8	84	168	446.70	555	204	3.3
Apr 2010	1109	-6	821	13.8	81	163	448.71	594	199	3.3
May 2010	974	-16	705	11.5	84	169	448.71	594	111	1.8
Jun 2010	902	-26	672	11.3	81	123	448.71	594	116	1.9
Jul 2010	893	-18	728	11.8	84	77	448.00	580	119	1.9
Aug 2010	786	-11	622	10.1	84	79	447.50	571	93	1.5
Sep 2010	756	-12	545	9.2	61	151	446.81	557	89	1.5
WY 2010	9111	24	6735		782	1618			1497	
Oct 2010	579	6	454	7.4	24	116	446.31	548	74	1.2
Nov 2010	471	13	365	6.1	24	92	446.50	552	103	1.7
Dec 2010	388	11	300	4.9	24	75	446.50	552	118	1.9
Jan 2011	572	25	344	5.6	84	168	446.50	552	119	1.9
Feb 2011	646	28	446	8.0	76	152	446.50	552	149	2.7

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 3/2009 Most Prob Water Supply 12-Mar-2009 09:18:14
 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
* Mar 2008	1025	16.7	1115.65	12940	-123	0.00	1212.0	420.7	70	410.6
H Apr 2008	1159	19.5	1110.61	12463	-477	0.00	1393.0	475.9	81	410.7
I May 2008	1113	18.1	1107.05	12132	-331	0.00	1482.0	445.7	87	400.5
S Jun 2008	949	15.9	1104.98	11941	-190	0.00	1694.0	371.6	100	391.7
T Jul 2008	876	14.2	1104.42	11890	-51	0.00	1672.0	344.2	100	392.8
O Aug 2008	804	13.1	1105.13	11955	65	0.00	1678.0	316.2	100	393.1
R Sep 2008	652	11.0	1105.76	12013	58	0.00	1677.0	252.9	100	387.9
WY 2008	9530							3790.6		
I Oct 2008	508	8.3	1107.94	12213	201	0.00	1038.0	188.5	61	370.8
C Nov 2008	675	11.3	1107.33	12157	-56	0.00	926.0	263.1	55	389.9
A Dec 2008	453	7.4	1110.97	12496	339	0.00	1523.0	171.3	88	377.7
L Jan 2009	741	12.1	1111.78	12572	76	0.00	1305.0	299.0	75	403.3
* Feb 2009	679	12.2	1111.43	12539	-33	0.00	1415.0	263.8	81	388.5
Mar 2009	1053	17.1	1107.47	12170	-369	460.71	950.0	454.9	55	432.0
Apr 2009	1134	19.1	1103.62	11817	-353	454.27	1298.0	476.5	76	420.3
May 2009	1030	16.7	1100.84	11566	-251	449.26	1578.0	414.7	94	402.7
Jun 2009	888	14.9	1100.39	11525	-41	447.29	1685.0	355.8	100	400.6
Jul 2009	900	14.6	1102.01	11672	146	448.36	1693.0	360.3	100	400.4
Aug 2009	785	12.8	1105.02	11945	273	450.82	1708.0	317.6	100	404.7
Sep 2009	586	9.9	1105.00	11943	-2	453.45	1702.0	234.1	100	399.3
WY 2009	9433							3799.5		
Oct 2009	476	7.7	1106.34	12067	124	459.70	1168.0	193.7	68	407.2
Nov 2009	528	8.9	1107.06	12133	66	460.93	1398.0	211.7	81	400.8
Dec 2009	570	9.3	1109.41	12350	218	460.27	1514.0	229.5	87	402.3
Jan 2010	678	11.0	1111.42	12539	189	460.53	1421.0	275.9	81	407.1
Feb 2010	667	12.0	1111.60	12556	17	460.48	1449.0	274.5	83	411.8
Mar 2010	1013	16.5	1108.83	12296	-260	459.47	1326.0	421.1	76	415.6
Apr 2010	1136	19.1	1104.48	11896	-400	454.31	1499.0	472.9	87	416.4
May 2010	1009	16.4	1101.18	11596	-300	449.17	1701.0	403.4	100	399.8
Jun 2010	902	15.2	1100.28	11516	-81	447.41	1703.0	362.1	100	401.5
Jul 2010	902	14.7	1102.93	11755	239	448.77	1712.0	361.8	100	400.9
Aug 2010	811	13.2	1105.95	12031	275	451.75	1712.0	330.3	100	407.0
Sep 2010	679	11.4	1105.00	11944	-87	453.91	1712.0	272.3	100	401.1
WY 2010	9371							3809.1		
Oct 2010	453	7.4	1106.60	12090	146	459.83	1168.7	183.5	68	404.6
Nov 2010	515	8.7	1107.47	12171	80	461.26	1393.1	205.6	81	399.4
Dec 2010	531	8.6	1110.23	12427	256	460.88	1493.1	211.5	87	398.2
Jan 2011	677	11.0	1112.24	12617	189	461.35	1391.7	275.9	81	407.6
Feb 2011	661	11.9	1113.97	12780	163	462.06	1414.3	272.6	83	412.5

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 3/2009 Most Prob Water Supply 12-Mar-2009 09:18:14
 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
* Mar 2008	974	15.8	640.01	1618	25	0.00	227.0	120.5	89	123.7
H Apr 2008	1104	18.6	641.20	1650	32	0.00	255.0	135.8	100	123.0
I May 2008	993	16.2	643.95	1725	75	0.00	255.0	123.5	100	124.4
S Jun 2008	932	15.7	643.36	1709	-16	0.00	255.0	117.8	100	126.5
T Jul 2008	896	14.6	641.79	1666	-43	0.00	255.0	111.7	100	124.6
O Aug 2008	798	13.0	641.06	1646	-20	0.00	255.0	98.5	100	123.4
R Sep 2008	698	11.7	638.80	1585	-61	0.00	255.0	86.5	100	123.9
WY 2008	9205							1137.7		
I Oct 2008	632	10.3	633.37	1444	-141	0.00	211.7	74.9	83	118.6
C Nov 2008	603	10.1	635.28	1493	49	0.00	186.2	71.8	73	119.1
A Dec 2008	339	5.5	638.77	1585	91	0.00	163.2	42.1	64	124.2
L Jan 2009	655	10.6	641.08	1647	62	0.00	155.6	80.8	61	123.4
* Feb 2009	629	11.3	642.29	1679	33	0.00	193.8	79.3	76	126.1
Mar 2009	993	16.2	643.50	1712	33	135.93	255.0	124.0	100	124.8
Apr 2009	1120	18.8	643.00	1699	-14	136.30	255.0	139.3	100	124.4
May 2009	995	16.2	643.00	1699	0	136.04	255.0	124.2	100	124.9
Jun 2009	888	14.9	642.00	1671	-27	135.51	255.0	110.9	100	124.8
Jul 2009	890	14.5	641.50	1658	-14	134.73	255.0	110.7	100	124.3
Aug 2009	760	12.4	641.50	1658	0	134.46	255.0	94.8	100	124.8
Sep 2009	663	11.1	638.00	1564	-94	132.63	255.0	82.0	100	123.6
WY 2009	9165							1134.8		
Oct 2009	601	9.8	633.00	1434	-130	128.15	255.0	72.3	100	120.3
Nov 2009	485	8.1	634.00	1460	26	126.54	237.2	57.7	93	119.1
Dec 2009	428	7.0	638.71	1583	123	129.92	224.4	52.3	88	122.2
Jan 2010	573	9.3	641.80	1666	83	134.24	216.8	71.4	85	124.8
Feb 2010	652	11.7	641.80	1666	0	136.16	206.6	81.7	81	125.3
Mar 2010	953	15.5	643.05	1700	34	135.44	255.0	118.7	100	124.6
Apr 2010	1109	18.6	643.00	1699	-2	136.07	255.0	137.8	100	124.2
May 2010	974	15.8	643.00	1699	0	136.04	255.0	121.7	100	125.0
Jun 2010	902	15.2	642.00	1671	-27	135.51	255.0	112.5	100	124.8
Jul 2010	893	14.5	641.50	1658	-14	134.73	255.0	111.0	100	124.3
Aug 2010	786	12.8	641.50	1658	0	134.46	255.0	98.0	100	124.6
Sep 2010	756	12.7	638.00	1564	-94	132.63	255.0	93.0	100	123.1
WY 2010	9111							1128.3		
Oct 2010	579	9.4	633.00	1434	-130	129.48	209.1	69.8	82	120.5
Nov 2010	471	7.9	634.00	1460	26	126.99	221.8	56.2	87	119.2
Dec 2010	388	6.3	638.71	1583	123	129.55	237.2	47.6	93	122.5
Jan 2011	572	9.3	641.80	1666	83	134.24	216.8	71.3	85	124.8
Feb 2011	646	11.6	641.80	1666	0	136.16	206.6	81.0	81	125.3

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 3/2009 Most Prob Water Supply 12-Mar-2009 09:18:14
 Parker Dam - Lake Havasu

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Mar 2008	744	12.1	446.47	551	1	0.00	90.0	49.8	75	67.0
H Apr 2008	838	14.1	447.25	566	14	0.00	90.0	55.0	75	65.6
I May 2008	684	11.1	448.84	596	30	0.00	90.0	46.4	75	67.9
S Jun 2008	691	11.6	448.62	592	-4	0.00	90.0	47.3	75	68.4
T Jul 2008	728	11.8	447.86	577	-14	0.00	90.0	48.9	75	67.3
O Aug 2008	635	10.3	448.54	590	13	0.00	105.6	41.9	88	66.0
R Sep 2008	519	8.7	448.19	584	-7	0.00	91.2	38.6	76	74.3
WY 2008	6692							453.4		
I Oct 2008	452	7.4	446.55	553	-31	0.00	90.0	31.2	75	68.9
C Nov 2008	379	6.4	447.54	571	18	0.00	90.0	26.2	75	69.1
A Dec 2008	236	3.8	446.81	558	-14	0.00	85.2	15.3	71	64.7
L Jan 2009	379	6.2	446.67	555	-3	0.00	78.0	25.9	65	68.2
* Feb 2009	397	7.2	446.08	544	-11	0.00	90.0	27.2	75	68.5
Mar 2009	723	11.8	447.00	561	17	75.30	91.2	47.9	76	66.3
Apr 2009	824	13.9	448.71	594	32	75.33	117.6	54.6	98	66.3
May 2009	708	11.5	448.71	594	0	76.06	120.0	47.1	100	66.5
Jun 2009	668	11.2	448.71	594	0	76.06	120.0	44.4	100	66.5
Jul 2009	729	11.9	448.00	580	-14	75.72	120.0	48.3	100	66.3
Aug 2009	623	10.1	447.50	571	-10	75.13	120.0	40.8	100	65.5
Sep 2009	546	9.2	446.81	557	-13	75.95	90.0	36.2	75	66.2
WY 2009	6665							445.0		
Oct 2009	455	7.4	446.31	548	-9	75.37	90.0	29.6	75	65.2
Nov 2009	365	6.1	446.50	552	3	75.41	86.4	23.6	72	64.7
Dec 2009	297	4.8	446.50	552	0	75.65	84.0	19.0	70	63.8
Jan 2010	345	5.6	446.50	552	0	75.51	86.4	22.2	72	64.4
Feb 2010	452	8.1	446.50	552	0	75.19	92.4	29.5	77	65.3
Mar 2010	727	11.8	446.70	555	4	74.01	120.0	47.3	100	65.0
Apr 2010	821	13.8	448.71	594	38	75.09	120.0	54.2	100	66.1
May 2010	705	11.5	448.71	594	0	76.06	120.0	46.9	100	66.5
Jun 2010	672	11.3	448.71	594	0	76.06	120.0	44.6	100	66.5
Jul 2010	728	11.8	448.00	580	-14	75.72	120.0	48.3	100	66.3
Aug 2010	622	10.1	447.50	571	-10	75.13	120.0	40.8	100	65.5
Sep 2010	545	9.2	446.81	557	-13	74.55	120.0	35.4	100	64.9
WY 2010	6735							441.4		
Oct 2010	454	7.4	446.31	548	-9	74.43	109.2	29.2	91	64.3
Nov 2010	365	6.1	446.50	552	3	74.29	109.2	23.3	91	63.7
Dec 2010	300	4.9	446.50	552	0	74.38	109.2	18.9	91	62.9
Jan 2011	344	5.6	446.50	552	0	75.51	86.4	22.1	72	64.4
Feb 2011	446	8.0	446.50	552	0	75.19	92.4	29.1	77	65.3

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 3/2009 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
* Mar 2008	299	19	14	16	9	2
Winter 2008	1714	110	126	156	80	14
H Apr 2008	280	20	38	55	23	2
I May 2008	333	39	52	92	23	4
S Jun 2008	348	68	40	63	22	7
T Jul 2008	390	36	31	39	23	9
O Aug 2008	400	36	36	42	22	8
R Sep 2008	323	34	34	41	21	5
Summer 2008	2075	233	232	331	134	35
I Oct 2008	334	27	25	30	17	5
C Nov 2008	267	25	9	12	6	4
A Dec 2008	355	30	10	14	7	2
L Jan 2009	352	31	11	15	6	4
* Feb 2009	262	24	12	15	4	3
Mar 2009	253	18	27	33	17	4
Winter 2009	1822	155	95	119	57	22
Apr 2009	304	17	28	40	22	4
May 2009	318	34	33	51	23	7
Jun 2009	382	66	21	33	21	9
Jul 2009	468	29	34	42	22	10
Aug 2009	457	29	38	45	23	9
Sep 2009	253	28	34	41	21	6
Summer 2009	2182	203	189	252	132	44
Oct 2009	261	29	24	30	15	6
Nov 2009	252	28	15	19	10	6
Dec 2009	336	29	20	26	13	6
Jan 2010	334	29	21	27	14	5
Feb 2010	249	26	18	24	12	4
Mar 2010	290	29	18	24	13	4
Winter 2010	1723	171	117	149	77	32
Apr 2010	290	28	18	27	15	5
May 2010	293	51	20	34	22	7
Jun 2010	375	65	21	32	22	9
Jul 2010	518	42	35	42	23	10
Aug 2010	475	42	38	45	23	10
Sep 2010	257	40	35	42	21	6
Summer 2010	2207	267	167	222	127	46
Oct 2010	265	41	24	29	15	6
Nov 2010	256	40	14	18	10	6
Dec 2010	341	41	21	27	14	6
Jan 2011	340	41	21	27	14	5
Feb 2011	317	37	18	24	12	4

model_run_id = 2019

FLOOD CONTROL CRITERIA
BEGINNING OF MONTH CONDITIONS

MON	YEAR	FLAMING	BLUE		LAKE	UPPER	LAKE		TOT OR	LAKE	LAKE		BOM	MEAD	MEAD	SYS			
		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 KAF	MEAD KAF	TOTAL KAF		SPACE REQD KAF	SCHED REL KAF	FC REL KAF
* * * * P R E D I C T E D S P A C E * * * *																			
MAR	2009	1003	277	437	11382	13099	14841	27940	452	277	354	1083	11382	14841	27306	1500	1053	0	32.4
APR	2009	998	333	408	11446	13185	15210	28394	442	333	320	1096	11446	15210	27751	1500	1134	0	32.3
MAY	2009	937	346	322	11377	12983	15563	28545	375	346	217	938	11377	15563	27878	1500	1030	0	33.6
JUN	2009	822	241	232	10152	11446	15814	27260	249	237	96	582	10152	15814	26548	1500	888	0	35.3
JUL	2009	687	47	237	8690	9660	15855	25515	101	18	56	175	8690	15855	24719	1500	900	0	35.6
* * * * C R E D I T A B L E S P A C E * * * *																			
AUG	2009	604	27	228	8580	9440	15708	25149	604	27	228	860	8580	15708	25149	1500	785	0	35.4
SEP	2009	614	78	235	9021	9948	15435	25383	614	78	235	927	9021	15435	25383	2270	586	0	35.1
OCT	2009	648	146	231	9093	10118	15437	25555	648	146	231	1025	9093	15437	25555	3040	476	0	34.9
NOV	2009	677	187	227	9175	10266	15313	25580	677	187	227	1091	9175	15313	25580	3810	528	0	34.9
DEC	2009	707	206	225	9240	10378	15247	25625	707	206	225	1138	9240	15247	25625	4580	570	0	34.9
JAN	2010	752	248	236	9534	10770	15030	25800	752	248	236	1236	9534	15030	25800	5350	678	0	34.7
* * * * E F F E C T I V E S P A C E * * * *																			
JAN	2010	752	248	236	9534	10770	15030	25800	475	248	211	933	9534	15030	25497	5350	678	0	34.7
FEB	2010	794	295	247	9849	11186	14841	26027	514	295	222	1031	9849	14841	25722	1500	667	0	34.5
MAR	2010	823	334	248	9998	11403	14824	26227	541	334	221	1096	9998	14824	25918	1500	1013	0	34.2
APR	2010	805	361	203	10131	11500	15084	26583	517	361	170	1049	10131	15084	26264	1500	1136	0	34.0
MAY	2010	747	351	107	10093	11298	15484	26781	453	351	55	859	10093	15484	26435	1500	1009	0	35.0
JUN	2010	635	218	121	9039	10013	15784	25797	330	213	37	580	9039	15784	25403	1500	902	0	36.6
JUL	2010	428	38	180	7656	8302	15864	24166	107	11	48	165	7656	15864	23686	1500	902	0	36.9
* * * * C R E D I T A B L E S P A C E * * * *																			
AUG	2010	340	27	182	7674	8223	15625	23848	340	27	182	549	7674	15625	23848	1500	811	0	36.6
SEP	2010	371	77	194	8128	8770	15349	24120	371	77	194	642	8128	15349	24120	2270	679	0	36.3
OCT	2010	434	147	194	8176	8950	15436	24386	434	147	194	774	8176	15436	24386	3040	453	0	36.1
NOV	2010	494	186	190	8233	9103	15290	24393	494	186	190	870	8233	15290	24393	3810	515	0	36.1
DEC	2010	555	203	190	8271	9218	15209	24427	555	203	190	948	8271	15209	24427	4580	531	0	36.1
JAN	2011	632	248	199	8532	9612	14953	24564	632	248	199	1080	8532	14953	24564	5350	677	0	35.9
* * * * E F F E C T I V E S P A C E * * * *																			
JAN	2011	632	248	199	8532	9612	14953	24564	328	248	199	776	8532	14953	24261	5350	677	0	35.9
FEB	2011	705	295	210	8818	10028	14763	24792	400	295	210	905	8818	14763	24487	1500	661	0	35.7