

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
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The operation of Lake Powell and Lake Mead in this March 2011 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 2011 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the Lake Powell operational tier for water year 2011 is the Upper Elevation Balancing Tier. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2011.

Consistent with Section 6.B.3 of the Interim Guidelines, if the April 24-Month study projects the September 30 Lake Powell elevation to be greater than the 2011 Equalization elevation of 3,643.0 feet with an annual release from Lake Powell of 8.23 maf, the Equalization Tier will govern operations of Lake Powell for the remainder of the water year. Consistent with this provision, the March 24-Month Study projects an adjustment to the Equalization Tier will occur in April. If such an adjustment occurs, the water year release volume from Lake Powell is projected to be 11.63 maf.

Reclamation estimates that an April adjustment to the Equalization Tier is very likely to occur in 2011. For this adjustment to not occur, the April-July inflow forecast volume would have to decrease from the current level (9.2 maf) to approximately 7.1 maf which would be a decrease of about 2.1 maf. In the past 32 years, only once has the forecast decreased by at least this volume from one month to the next. For this reason, Reclamation estimates the probability of an April adjustment to the Equalization Tier in 2011 to be approximately 97 percent.

The Interim Guidelines are available for download at <http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf>.

The 2011 AOP is available for download at http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP11_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 February 2011 was 0.318 maf or 76 percent of the 30-year average. The forecast for March 2011 unregulated inflow into Lake Powell is 0.500 maf or 75 percent of the 30-year average. Forecasted 2011 April through July unregulated inflow is 9.20 maf or 116 percent of average.

In this study, the Calendar Year (CY) 2011 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.950 maf. The CY 2011 diversion for the Central Arizona Project (CAP) is forecasted to be 1.545 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.293 maf for CY 2011.

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

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2011 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir



	Date	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 Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2010	43	0	56	0	56	6468.40	112
H	Apr 2010	63	1	47	1	48	6471.88	127
I	May 2010	40	1	49	0	49	6469.44	117
S	Jun 2010	251	2	50	1	51	6502.04	314
T	Jul 2010	134	3	91	22	113	6504.39	333
O	Aug 2010	50	2	68	0	68	6501.76	312
R	Sep 2010	29	2	26	35	61	6497.33	279
	WY 2010	781	14	530	233	763		
I	Oct 2010	31	1	5	55	59	6493.24	250
C	Nov 2010	34	1	53	1	54	6490.17	229
A	Dec 2010	37	1	55	0	55	6487.27	210
L	Jan 2011	29	1	55	0	55	6482.87	183
*	Feb 2011	26	1	50	0	50	6478.35	158
	Mar 2011	45	0	73	0	73	6472.37	129
	Apr 2011	105	1	94	7	101	6473.08	133
	May 2011	230	1	100	59	160	6485.89	201
	Jun 2011	365	2	103	164	268	6499.66	296
	Jul 2011	170	3	101	22	123	6505.37	341
	Aug 2011	78	2	100	4	105	6501.66	312
	Sep 2011	47	2	37	30	67	6498.85	290
	WY 2011	1197	15	827	343	1170		
	Oct 2011	49	1	69	0	69	6495.90	269
	Nov 2011	41	1	67	0	67	6492.21	243
	Dec 2011	32	1	69	0	69	6486.52	206
	Jan 2012	30	1	69	0	69	6479.93	166
	Feb 2012	28	0	64	0	64	6472.34	129
	Mar 2012	52	0	69	0	69	6468.20	112
	Apr 2012	89	1	83	0	83	6469.52	117
	May 2012	176	1	86	0	86	6486.57	206
	Jun 2012	307	2	104	106	210	6500.26	301
	Jul 2012	185	3	100	38	138	6505.93	345
	Aug 2012	82	2	89	0	89	6504.78	336
	Sep 2012	48	2	71	0	71	6501.71	312
	WY 2012	1121	15	940	144	1084		
	Oct 2012	49	1	73	0	73	6498.33	286
	Nov 2012	41	1	71	0	71	6494.19	257
	Dec 2012	32	1	73	0	73	6488.02	215
	Jan 2013	30	1	73	0	73	6480.94	172
	Feb 2013	28	1	66	0	66	6473.31	134

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2011 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir



	Date	Unreg Inflow (1000 Ac-Ft)	Reg 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 Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Mar 2010	69	81	3	60	0	60	129	6026.01	3198	121
H	Apr 2010	96	81	5	49	0	49	130	6026.69	3223	237
I	May 2010	72	81	8	101	0	101	129	6025.97	3196	537
S	Jun 2010	387	187	10	138	0	138	130	6026.97	3234	736
T	Jul 2010	151	130	13	96	0	96	131	6027.51	3254	195
O	Aug 2010	54	72	12	100	0	100	129	6026.47	3215	135
R	Sep 2010	22	54	10	106	0	106	127	6024.83	3154	127
	WY 2010	1018	1000	79	1168	1	1169				2764
I	Oct 2010	32	60	7	77	0	77	126	6024.21	3131	113
C	Nov 2010	31	52	4	63	0	63	125	6023.83	3117	107
A	Dec 2010	45	64	2	68	0	68	125	6023.67	3111	114
L	Jan 2011	44	70	2	68	0	68	125	6023.69	3112	525
*	Feb 2011	36	60	2	67	0	67	125	6023.47	3104	489
	Mar 2011	70	98	3	59	0	59	126	6024.42	3139	59
	Apr 2011	165	161	5	62	0	62	130	6026.85	3229	62
	May 2011	360	290	8	143	0	143	135	6030.37	3363	143
	Jun 2011	485	388	11	203	0	203	142	6034.60	3530	203
	Jul 2011	200	153	14	126	0	126	142	6034.91	3542	126
	Aug 2011	91	118	13	126	0	126	142	6034.39	3522	126
	Sep 2011	57	76	12	122	0	122	139	6033.00	3466	122
	WY 2011	1616	1590	82	1183	0	1183				2190
	Oct 2011	59	79	8	126	0	126	137	6031.68	3414	126
	Nov 2011	50	76	4	122	0	122	135	6030.44	3366	122
	Dec 2011	36	73	2	126	0	126	133	6029.07	3313	126
	Jan 2012	41	80	2	126	0	126	131	6027.85	3267	126
	Feb 2012	46	82	2	118	0	118	130	6026.89	3230	118
	Mar 2012	104	121	3	126	0	126	130	6026.68	3223	126
	Apr 2012	142	136	5	122	0	122	130	6026.93	3232	122
	May 2012	265	175	8	165	0	165	130	6026.98	3234	165
	Jun 2012	399	301	10	197	0	197	134	6029.36	3324	197
	Jul 2012	218	171	14	108	0	108	136	6030.61	3373	108
	Aug 2012	96	103	13	108	0	108	135	6030.18	3356	108
	Sep 2012	58	81	11	104	0	104	134	6029.31	3323	104
	WY 2012	1515	1478	81	1547	0	1547				1547
	Oct 2012	59	83	7	108	0	108	132	6028.52	3292	108
	Nov 2012	50	79	3	104	0	104	131	6027.80	3265	104
	Dec 2012	36	77	2	108	0	108	130	6026.97	3234	108
	Jan 2013	41	84	2	108	0	108	129	6026.31	3209	108
	Feb 2013	46	84	2	97	0	97	128	6025.91	3194	97

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2011 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir



	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2010	4	6	9305.31	63
H	Apr 2010	11	6	9308.40	67
I	May 2010	22	9	9316.36	80
S	Jun 2010	35	18	9325.55	97
T	Jul 2010	10	20	9320.19	87
O	Aug 2010	10	17	9316.06	80
R	Sep 2010	6	14	9311.57	72
	WY 2010	121	122		
I	Oct 2010	7	6	9312.21	73
C	Nov 2010	4		9312.27	74
A	Dec 2010	5	5	9312.71	74
L	Jan 2011	5	5	9312.70	74
*	Feb 2011	4	4	9312.51	74
	Mar 2011	3	10	9308.19	67
	Apr 2011	8	16	9302.81	59
	May 2011	35	24	9310.10	70
	Jun 2011	56	25	9327.43	101
	Jul 2011	21	25	9325.38	97
	Aug 2011	10	20	9320.17	87
	Sep 2011	7	14	9316.26	80
	WY 2011	165	153		
	Oct 2011	6	10	9314.02	76
	Nov 2011	5	6	9313.37	75
	Dec 2011	4	6	9312.44	74
	Jan 2012	4	6	9311.35	72
	Feb 2012	4	6	9309.96	70
	Mar 2012	4	6	9308.86	68
	Apr 2012	8	10	9307.78	66
	May 2012	27	16	9314.69	78
	Jun 2012	43	20	9327.14	100
	Jul 2012	20	21	9326.85	100
	Aug 2012	10	18	9322.68	92
	Sep 2012	7	14	9318.86	85
	WY 2012	144	139		
	Oct 2012	6	10	9316.70	81
	Nov 2012	5	6	9316.07	80
	Dec 2012	4	6	9315.18	78
	Jan 2013	4	6	9314.12	77
	Feb 2013	4	6	9312.92	75

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2011 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir



	Date	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 Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2010	29	30	0	33	0	33	7484.88	542
H	Apr 2010	96	92	1	45	0	45	7490.80	588
I	May 2010	143	131	1	110	6	116	7492.59	602
S	Jun 2010	205	186	1	51	0	51	7508.76	735
T	Jul 2010	50	60	1	98	0	98	7504.17	696
O	Aug 2010	56	63	1	92	0	92	7500.54	666
R	Sep 2010	23	31	1	86	0	86	7493.54	609
	WY 2010	725	727	8	754	6	760		
I	Oct 2010	29	29	1	85	0	85	7486.20	552
C	Nov 2010	27	27	0	24	0	24	7486.60	555
A	Dec 2010	30	29	0	27	0	27	7486.84	557
L	Jan 2011	23	23	0	27	0	27	7486.34	553
*	Feb 2011	21	21	0	43	0	43	7483.46	532
	Mar 2011	30	37	0	89	0	89	7476.25	479
	Apr 2011	90	98	1	100	0	100	7475.87	476
	May 2011	260	249	1	144	0	144	7489.87	580
	Jun 2011	335	304	1	83	0	83	7516.13	800
	Jul 2011	115	119	2	115	0	115	7516.40	802
	Aug 2011	60	70	1	121	0	121	7510.45	750
	Sep 2011	36	43	1	112	0	112	7502.19	679
	WY 2011	1056	1048	9	969	0	969		
	Oct 2011	36	39	1	71	0	71	7498.29	647
	Nov 2011	31	32	0	41	0	41	7497.10	638
	Dec 2011	25	27	0	83	0	83	7490.00	581
	Jan 2012	24	26	0	79	0	79	7482.99	528
	Feb 2012	22	24	0	50	0	50	7479.46	502
	Mar 2012	34	36	0	30	0	30	7480.22	508
	Apr 2012	73	75	1	48	0	48	7483.73	534
	May 2012	212	201	1	120	0	120	7494.07	613
	Jun 2012	271	248	1	67	0	67	7515.33	793
	Jul 2012	121	121	2	110	0	110	7516.40	803
	Aug 2012	62	70	1	122	0	122	7510.33	749
	Sep 2012	36	43	1	113	0	113	7502.01	678
	WY 2012	946	942	9	935	0	935		
	Oct 2012	36	39	1	70	0	70	7498.23	647
	Nov 2012	31	32	0	40	0	40	7497.17	638
	Dec 2012	25	27	0	83	0	83	7490.00	581
	Jan 2013	24	26	0	79	0	79	7482.99	528
	Feb 2013	22	24	0	54	0	54	7478.88	498

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2011 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir



	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa 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 Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2010	29	33	1	34	34	0	34	7147.29	107
H	Apr 2010	107	45	11	57	55	0	55	7149.84	109
I	May 2010	159	116	16	132	129	0	129	7154.46	113
S	Jun 2010	216	51	12	63	64	0	64	7153.15	112
T	Jul 2010	51	98	1	98	96	0	96	7156.02	114
O	Aug 2010	56	92	1	93	93	0	93	7155.63	114
R	Sep 2010	23	86	0	87	92	0	92	7148.78	108
	WY 2010	773	760	48	807	805	0	805		
I	Oct 2010	30	85	1	86	82	0	82	7153.88	112
C	Nov 2010	29	24	1	25		0	26	7152.79	111
A	Dec 2010	30	27	0	28	27	0	27	7153.98	112
L	Jan 2011	23	27	0	27	27	0	27	7153.70	112
*	Feb 2011	21	43	0	43	44	0	44	7152.08	111
	Mar 2011	34	89	4	93	92	0	92	7153.73	112
	Apr 2011	103	100	13	113	113	0	113	7153.73	112
	May 2011	290	144	30	174	174	0	174	7153.73	112
	Jun 2011	360	83	25	108	108	0	108	7153.73	112
	Jul 2011	122	115	7	122	122	0	122	7153.73	112
	Aug 2011	63	121	4	125	125	0	125	7153.73	112
	Sep 2011	38	112	3	115	115	0	115	7153.73	112
	WY 2011	1145	969	89	1058	1028	0	1054		
	Oct 2011	38	71	3	74	74	0	74	7153.73	112
	Nov 2011	33	41	2	43	43	0	43	7153.73	112
	Dec 2011	27	83	2	85	85	0	85	7153.73	112
	Jan 2012	26	79	2	81	81	0	81	7153.73	112
	Feb 2012	25	50	3	53	53	0	53	7153.73	112
	Mar 2012	38	30	4	34	34	0	34	7153.73	112
	Apr 2012	84	48	11	59	59	0	59	7153.73	112
	May 2012	237	120	25	145	145	0	145	7153.73	112
	Jun 2012	292	67	21	88	88	0	88	7153.73	112
	Jul 2012	127	110	7	117	117	0	117	7153.73	112
	Aug 2012	65	122	4	126	126	0	126	7153.73	112
	Sep 2012	39	113	3	116	116	0	116	7153.73	112
	WY 2012	1033	935	86	1021	1021	0	1021		
	Oct 2012	38	70	3	73	73	0	73	7153.73	112
	Nov 2012	33	40	2	42	42	0	42	7153.73	112
	Dec 2012	27	83	2	85	85	0	85	7153.73	112
	Jan 2013	26	79	2	81	81	0	81	7153.73	112
	Feb 2013	25	54	3	57	57	0	57	7153.73	112

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2011 24-Month Study

Most Probable Inflow*

Crystal Reservoir



	Date	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 Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Mar 2010	33	34	4	38	38	0	38	6751.84	17	1	38
H	Apr 2010	118	55	11	66	66	0	66	6750.96	16	34	34
I	May 2010	179	129	20	148	108	36	148	6752.53	17	60	91
S	Jun 2010	242	64	25	89	89	0	89	6752.91	17	56	39
T	Jul 2010	55	96	4	100	100	0	100	6751.15	16	69	39
O	Aug 2010	61	93	5	98	98	0	98	6749.05	16	68	37
R	Sep 2010	26	92	3	95	95	0	95	6748.16	16	63	36
	WY 2010	859	805	86	891	824	63	890			415	528
I	Oct 2010	34	82	4	86	85	0	85	6750.41	16	51	33
C	Nov 2010	32	26	4	30	30	0	30	6748.60	16		29
A	Dec 2010	34	27	4	31	31	0	31	6748.24	16	1	30
L	Jan 2011	27	27	4	31	30	1	31	6749.02	16	1	30
*	Feb 2011	24	44	3	47	24	23	46	6751.55	17	1	47
	Mar 2011	40	92	6	98	97	0	97	6753.04	17	5	92
	Apr 2011	116	113	13	126	126	0	126	6753.04	17	30	96
	May 2011	330	174	40	214	134	80	214	6753.04	17	55	159
	Jun 2011	405	108	45	153	130	23	153	6753.04	17	60	93
	Jul 2011	134	122	12	134	134	0	134	6753.04	17	65	69
	Aug 2011	70	125	7	131	131	0	131	6753.04	17	65	66
	Sep 2011	44	115	6	121	121	0	121	6753.04	17	55	66
	WY 2011	1291	1054	147	1201	1073	126	1199			388	810
	Oct 2011	44	74	6	80	80	0	80	6753.04	17	30	50
	Nov 2011	38	43	5	48	48	0	48	6753.04	17	0	48
	Dec 2011	32	85	5	90	90	0	90	6753.04	17	0	90
	Jan 2012	31	81	5	86	86	0	86	6753.04	17	0	86
	Feb 2012	29	53	4	57	57	0	57	6753.04	17	0	57
	Mar 2012	46	34	7	41	41	0	41	6753.04	17	5	36
	Apr 2012	96	59	12	71	71	0	71	6753.04	17	30	41
	May 2012	272	145	35	180	134	46	180	6753.04	17	55	125
	Jun 2012	330	88	38	127	127	0	127	6753.04	17	60	67
	Jul 2012	144	117	17	134	134	0	134	6753.04	17	65	69
	Aug 2012	74	126	8	134	134	0	134	6753.04	17	65	69
	Sep 2012	45	116	6	122	122	0	122	6753.04	17	55	67
	WY 2012	1183	1021	150	1171	1125	46	1171			365	806
	Oct 2012	44	73	6	79	79	0	79	6753.04	17	30	49
	Nov 2012	38	42	5	47	47	0	47	6753.04	17	0	47
	Dec 2012	32	85	5	90	90	0	90	6753.04	17	0	90
	Jan 2013	31	81	5	86	86	0	86	6753.04	17	0	86
	Feb 2013	29	57	4	61	61	0	61	6753.04	17	0	61

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2011 24-Month Study

Most Probable Inflow*
Vallecito Reservoir



	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2010	3	8	7628.45	42
H	Apr 2010	27	4	7640.13	65
I	May 2010	69	20	7660.32	113
S	Jun 2010	46	42	7661.51	116
T	Jul 2010	12	37	7651.21	90
O	Aug 2010	19	33	7645.00	75
R	Sep 2010	10	26	7637.70	59
	WY 2010	210	196		
I	Oct 2010	12	13	7636.95	58
C	Nov 2010	7	2	7639.20	63
A	Dec 2010	6	2	7641.20	67
L	Jan 2011	5	2	7642.53	70
*	Feb 2011	4	2	7643.62	72
	Mar 2011	6	2	7645.29	76
	Apr 2011	20	1	7652.95	94
	May 2011	69	44	7662.53	119
	Jun 2011	71	64	7664.92	125
	Jul 2011	20	42	7656.50	103
	Aug 2011	15	38	7646.84	79
	Sep 2011	15	30	7640.21	65
	WY 2011	249	240		
	Oct 2011	14	17	7638.48	61
	Nov 2011	8	2	7641.38	67
	Dec 2011	6	2	7643.12	71
	Jan 2012	5	2	7644.46	74
	Feb 2012	5	2	7645.66	77
	Mar 2012	8	2	7648.37	83
	Apr 2012	22	1	7656.60	103
	May 2012	69	53	7662.60	119
	Jun 2012	78	72	7664.56	124
	Jul 2012	31	42	7660.33	113
	Aug 2012	19	38	7652.83	94
	Sep 2012	17	30	7647.52	81
	WY 2012	282	262		
	Oct 2012	14	13	7647.74	82
	Nov 2012	8	6	7648.73	84
	Dec 2012	6	5	7649.30	85
	Jan 2013	5	3	7650.15	87
	Feb 2013	5	3	7650.93	89

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



March 2011 24-Month Study

Most Probable Inflow*

Navajo Reservoir



	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Mar 2010	64	1	68	1	3	31	6051.78	1247	52
H	Apr 2010	222	22	179	2	12	28	6062.79	1384	75
I	May 2010	264	35	182	4	26	30	6071.80	1506	126
S	Jun 2010	152	27	116	5	40	33	6074.50	1544	118
T	Jul 2010	15	2	39	5	47	58	6069.52	1474	72
O	Aug 2010	39	2	52	4	35	41	6067.48	1446	69
R	Sep 2010	24	1	39	3	25	45	6064.97	1412	57
	WY 2010	855	89	753	29	202	423			802
I	Oct 2010	24	0	26	2	8	36	6063.49	1393	46
C	Nov 2010	17	0	12	1	1	29	6062.08	1374	46
A	Dec 2010	23	0	19	1	1	30	6061.11	1362	42
L	Jan 2011	16	0	13	1	1	31	6059.58	1342	50
*	Feb 2011	18	0	15	1	1	28	6058.41	1328	45
	Mar 2011	60	1	56	2	4	31	6059.91	1347	31
	Apr 2011	128	21	88	3	16	30	6063.03	1387	30
	May 2011	270	34	211	4	28	59	6071.90	1507	59
	Jun 2011	220	26	187	5	43	120	6073.27	1526	120
	Jul 2011	32	2	52	5	46	33	6071.03	1495	33
	Aug 2011	27	2	48	4	39	43	6068.33	1458	43
	Sep 2011	34	1	48	3	22	35	6067.48	1446	35
	WY 2011	870	86	776	29	210	503			579
	Oct 2011	40	0	44	2	8	31	6067.73	1449	31
	Nov 2011	33	0	27	1	0	30	6067.43	1445	30
	Dec 2011	24	0	20	1	0	31	6066.58	1434	31
	Jan 2012	22	0	19	1	0	31	6065.63	1421	31
	Feb 2012	30	0	28	1	0	28	6065.55	1420	28
	Mar 2012	88	1	81	2	4	52	6067.31	1444	52
	Apr 2012	174	16	137	3	17	60	6071.53	1502	60
	May 2012	279	35	227	4	29	200	6071.13	1496	200
	Jun 2012	246	27	213	5	44	212	6067.70	1449	212
	Jul 2012	74	4	81	5	47	37	6067.16	1442	37
	Aug 2012	43	2	60	4	40	42	6065.30	1417	42
	Sep 2012	42	1	54	3	22	36	6064.75	1409	36
	WY 2012	1096	85	991	29	210	788			788
	Oct 2012	40	0	40	2	8	31	6064.69	1409	31
	Nov 2012	33	0	31	1	0	30	6064.67	1408	30
	Dec 2012	24	0	22	1	0	31	6063.99	1399	31
	Jan 2013	22	0	20	1	0	31	6063.10	1388	31
	Feb 2013	30	0	29	1	0	27	6063.15	1388	27

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2093

Processed On: 3/8/2011 3:56:56PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2011 24-Month Study

Most Probable Inflow*

Lake Powell



	Date	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 Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry (1000 Ac-Ft)
*	Mar 2010	478	475	17	602	0	602	3619.41	17809	13701	612
H	Apr 2010	944	717	26	602	0	602	3620.50	17782	13816	614
I	May 2010	1399	1224	32	601	0	601	3625.96	17784	14405	612
S	Jun 2010	2776	2321	53	601	0	601	3638.82	17993	15864	612
T	Jul 2010	674	706	65	802	0	802	3636.52	18099	15596	824
O	Aug 2010	504	608	64	802	0	802	3634.55	18069	15369	826
R	Sep 2010	277	461	58	480	0	480	3633.66	18093	15267	490
	WY 2010	8634	8674	444	8234	0	8235				8419
I	Oct 2010	362	512	41	495	0	495	3634.08	18022	15315	502
C	Nov 2010	438	474	39	810	0	810	3630.31	18074	14888	826
A	Dec 2010	416	446	30	847	0	847	3626.54	18062	14469	865
L	Jan 2011	381	429	9	997	0	997	3620.55	18132	13822	1015
*	Feb 2011	318	378	10	964	0	964	3614.95	18123	13235	984
	Mar 2011	500	522	16	1034	0	1034	3610.16	18083	12746	1034
	Apr 2011	1100	946	25	966	0	966	3609.75	18080	12705	966
	May 2011	2900	2417	30	1103	0	1103	3621.23	18175	13894	1103
	Jun 2011	3750	3185	51	1179	0	1179	3637.45	18320	15704	1179
	Jul 2011	1450	1424	65	1300	0	1300	3637.92	18324	15759	1300
	Aug 2011	595	748	64	1224	0	1224	3633.60	18284	15260	1224
	Sep 2011	471	636	58	714	0	714	3632.49	18274	15134	714
	WY 2011	12682	12118	437	11633	0	11633				11712
	Oct 2011	514	615	40	738	0	738	3631.15	18262	14982	738
	Nov 2011	523	602	38	800	0	800	3629.20	18245	14764	800
	Dec 2011	414	569	30	875	0	875	3626.39	18220	14452	875
	Jan 2012	384	533	9	875	0	875	3623.40	18194	14127	875
	Feb 2012	398	495	10	800	0	800	3620.68	18171	13836	800
	Mar 2012	628	614	17	700	0	700	3619.79	18163	13741	700
	Apr 2012	950	824	26	600	0	600	3621.50	18178	13923	600
	May 2012	2161	1955	33	700	0	700	3631.80	18268	15055	700
	Jun 2012	2811	2442	54	850	0	850	3643.98	18382	16479	850
	Jul 2012	1346	1237	68	1000	0	1000	3645.28	18395	16635	1000
	Aug 2012	566	678	68	975	0	975	3642.48	18368	16298	975
	Sep 2012	460	599	61	714	0	714	3641.11	18354	16134	714
	WY 2012	11154	11162	455	9627	0	9627				9627
	Oct 2012	514	595	42	738	0	738	3639.66	18341	15963	738
	Nov 2012	523	583	40	800	0	800	3637.63	18322	15725	800
	Dec 2012	414	551	32	900	0	900	3634.58	18293	15372	900
	Jan 2013	384	514	10	900	0	900	3631.36	18264	15006	900
	Feb 2013	398	478	10	800	0	800	3628.61	18240	14698	800

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2011 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead



	Date	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)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Mar 2010	602	87	33	889	14.5	12	868	751	1100.66	11550
H	Apr 2010	602	138	41	933	15.7	19	856	735	1098.00	11313
I	May 2010	601	87	47	961	15.6	28	933	714	1094.30	10987
S	Jun 2010	601	30	55	1007	16.9	27	1006	686	1089.30	10556
T	Jul 2010	802	29	68	941	15.3	33	937	673	1086.97	10357
O	Aug 2010	802	126	72	829	13.5	33	823	673	1086.91	10352
R	Sep 2010	480	82	59	758	12.7	23	755	656	1083.81	10092
WY 2010		8235	928	564	9260		235	9039			
I	Oct 2010	495	80	42	638	10.4	24	607	648	1082.36	9971
C	Nov 2010	810	13	42	800	13.4	18	795	646	1081.94	9936
A	Dec 2010	847	248	37	660	10.7	9	630	670	1086.30	10301
L	Jan 2011	997	75	31	540	8.8	9	526	700	1091.73	10765
*	Feb 2011	964	84	29	635	11.4	10	616	723	1095.78	11117
	Mar 2011	1034	80	33	979	15.9	26	979	727	1096.59	11188
	Apr 2011	966	60	40	1132	19.0	22	1132	717	1094.79	11029
	May 2011	1103	49	46	1045	17.0	33	1045	719	1095.09	11056
	Jun 2011	1179	23	56	968	16.3	28	968	728	1096.67	11195
	Jul 2011	1300	50	71	922	15.0	30	922	748	1100.12	11502
	Aug 2011	1224	109	77	819	13.3	33	819	772	1104.32	11881
	Sep 2011	714	70	64	629	10.6	24	629	776	1105.00	11943
WY 2011		11633	940	569	9767		265	9669			
	Oct 2011	738	59	47	508	8.3	28	508	789	1107.19	12145
	Nov 2011	800	48	47	690	11.6	27	690	794	1108.04	12223
	Dec 2011	875	99	41	569	9.3	23	569	815	1111.47	12543
	Jan 2012	875	76	34	694	11.3	20	694	828	1113.48	12734
	Feb 2012	800	92	31	719	12.5	18	719	835	1114.70	12850
	Mar 2012	700	80	35	1020	16.6	24	1020	817	1111.74	12569
	Apr 2012	600	60	43	1144	19.2	20	1144	784	1106.21	12055
	May 2012	700	49	48	981	16.0	31	981	765	1103.01	11762
	Jun 2012	850	23	58	849	14.3	26	849	761	1102.39	11706
	Jul 2012	1000	50	72	889	14.5	28	889	765	1103.02	11763
	Aug 2012	975	109	77	810	13.2	31	810	775	1104.73	11919
	Sep 2012	714	70	64	671	11.3	22	671	776	1105.00	11944
WY 2012		9627	815	599	9543		299	9543			
	Oct 2012	738	59	47	473	7.7	26	473	792	1107.57	12180
	Nov 2012	800	48	47	582	9.8	25	582	804	1109.53	12362
	Dec 2012	900	99	41	566	9.2	21	566	826	1113.23	12710
	Jan 2013	900	76	34	686	11.2	20	686	841	1115.56	12931
	Feb 2013	800	92	32	696	12.5	18	696	849	1116.99	13069

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2011 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave



	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Mar 2010	889	-18	13	862	0	862	14.0	642.17	1676
H	Apr 2010	933	-17	17	878	0	878	14.8	642.94	1697
I	May 2010	961	-19	22	937	0	937	15.2	642.30	1680
S	Jun 2010	1007	-23	25	912	0	912	15.3	643.98	1726
T	Jul 2010	941	-14	26	913	0	913	14.8	643.57	1714
O	Aug 2010	829	-12	23	838	0	838	13.6	641.95	1670
R	Sep 2010	758	-2	18	833	0	833	14.0	638.40	1575
	WY 2010	9260	-172	197	8816	0	8816			
I	Oct 2010	638	6	15	766	0	766	12.5	633.10	1437
C	Nov 2010	800	-29	10	631	0	631	10.6	638.09	1567
A	Dec 2010	660	-15	9	553	0	553	9.0	641.21	1650
L	Jan 2011	540	-7	10	502	0	502	8.2	641.95	1670
*	Feb 2011	635	-10	10	586	0	586	10.5	643.01	1699
	Mar 2011	979	-15	13	978	0	978	15.9	642.00	1671
	Apr 2011	1132	-15	17	1073	0	1073	18.0	643.00	1699
	May 2011	1045	-10	22	1012	0	1012	16.5	643.00	1699
	Jun 2011	968	-6	25	965	0	965	16.2	642.00	1671
	Jul 2011	922	1	25	911	0	911	14.8	641.50	1658
	Aug 2011	819	-5	23	792	0	792	12.9	641.50	1658
	Sep 2011	629	1	18	706	0	706	11.9	638.00	1564
	WY 2011	9767	-105	197	9475	0	9475			
	Oct 2011	508	3	15	626	0	626	10.2	633.00	1434
	Nov 2011	690	-10	10	619	0	619	10.4	635.00	1486
	Dec 2011	569	-13	9	450	0	450	7.3	638.71	1583
	Jan 2012	694	-17	10	585	0	585	9.5	641.80	1666
	Feb 2012	719	-6	10	704	0	704	12.2	641.80	1666
	Mar 2012	1020	-15	13	957	0	957	15.6	643.05	1700
	Apr 2012	1144	-15	17	1114	0	1114	18.7	643.00	1699
	May 2012	981	-10	22	949	0	949	15.4	643.00	1699
	Jun 2012	849	-6	25	845	0	845	14.2	642.00	1671
	Jul 2012	889	1	25	878	0	878	14.3	641.50	1658
	Aug 2012	810	-5	23	782	0	782	12.7	641.50	1658
	Sep 2012	671	1	18	747	0	747	12.6	638.00	1564
	WY 2012	9543	-91	197	9255	0	9255			
	Oct 2012	473	3	15	591	0	591	9.6	633.00	1434
	Nov 2012	582	-10	10	510	0	510	8.6	635.00	1486
	Dec 2012	566	-13	9	447	0	447	7.3	638.71	1583
	Jan 2013	686	-17	10	577	0	577	9.4	641.80	1666
	Feb 2013	696	-6	10	681	0	681	12.3	641.80	1666

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2011 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu



	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Mar 2010	862	55	9	668	10.9	90	128	447.15	564	233	3.8
H	Apr 2010	878	34	11	670	11.3	43	153	448.61	592	210	3.5
I	May 2010	937	24	13	662	10.8	102	172	448.83	596	114	1.9
S	Jun 2010	912	23	16	650	10.9	91	171	448.64	592	113	1.9
T	Jul 2010	913	17	17	743	12.1	107	50	448.61	592	126	2.1
O	Aug 2010	838	21	17	646	10.5	108	84	448.20	584	101	1.6
R	Sep 2010	833	17	15	583	9.8	98	171	446.95	560	93	1.6
	WY 2010	8816	318	140	6298		1043	1572			1619	
I	Oct 2010	766	25	12	465	7.6	102	166	449.14	602	106	1.7
C	Nov 2010	631	38	9	428	7.2	98	159	447.59	572	114	1.9
A	Dec 2010	553	33	7	290	4.7	93	183	448.10	582	147	2.4
L	Jan 2011	502	8	6	391	6.4	52	89	446.40	550	141	2.3
*	Feb 2011	586	16	8	415	7.5	22	135	447.29	567	174	3.1
	Mar 2011	978	22	9	728	11.8	77	184	447.00	561	195	3.2
	Apr 2011	1073	18	11	799	13.4	75	178	448.00	580	189	3.2
	May 2011	1012	13	13	706	11.5	99	184	448.70	593	111	1.8
	Jun 2011	965	9	16	682	11.5	96	168	448.70	593	117	2.0
	Jul 2011	911	15	17	739	12.0	96	75	448.00	580	124	2.0
	Aug 2011	792	18	17	630	10.2	86	75	447.50	571	96	1.6
	Sep 2011	706	15	15	530	8.9	85	95	446.81	557	89	1.5
	WY 2011	9475	230	140	6802		981	1688			1602	
	Oct 2011	626	20	12	438	7.1	86	112	446.31	548	68	1.1
	Nov 2011	619	26	8	377	6.3	86	162	446.50	552	109	1.8
	Dec 2011	450	21	6	281	4.6	90	88	446.50	552	118	1.9
	Jan 2012	585	15	6	342	5.6	83	165	446.50	552	122	2.0
	Feb 2012	704	6	8	464	8.1	76	156	446.50	552	153	2.7
	Mar 2012	957	22	9	702	11.4	83	173	446.70	555	208	3.4
	Apr 2012	1114	18	11	827	13.9	81	166	448.70	593	200	3.4
	May 2012	949	13	13	696	11.3	84	159	448.70	593	111	1.8
	Jun 2012	845	9	16	653	11.0	81	90	448.70	593	112	1.9
	Jul 2012	878	15	17	719	11.7	83	73	448.00	580	118	1.9
	Aug 2012	782	18	17	629	10.2	83	68	447.50	571	92	1.5
	Sep 2012	747	15	15	540	9.1	64	148	446.81	557	89	1.5
	WY 2012	9255	199	139	6666		981	1559			1501	
	Oct 2012	591	20	12	452	7.3	36	113	446.31	548	72	1.2
	Nov 2012	510	26	8	371	6.2	35	112	446.50	552	105	1.8
	Dec 2012	447	21	6	295	4.8	35	125	446.50	552	118	1.9
	Jan 2013	577	15	6	356	5.8	84	141	446.50	552	122	2.0
	Feb 2013	681	6	8	461	8.3	77	135	446.50	552	153	2.8

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2011 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead



	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2010	889	14.5	1100.66	11550	-230	452.57	1272.0	353.9	75	398.0
H	Apr 2010	933	15.7	1098.00	11313	-237	451.78	1392.0	370.4	82	397.0
I	May 2010	961	15.6	1094.30	10987	-326	449.26	1371.0	378.0	82	393.4
S	Jun 2010	1007	16.9	1089.30	10556	-431	442.32	1556.0	390.5	94	387.7
T	Jul 2010	941	15.3	1086.97	10357	-198	441.50	1640.0	360.3	100	382.9
O	Aug 2010	829	13.5	1086.91	10352	-5	443.45	1617.0	313.3	100	378.0
R	Sep 2010	758	12.7	1083.81	10092	-261	439.46	1617.0	285.1	100	375.9
WY 2010		9260							3589.4		
I	Oct 2010	638	10.4	1082.36	9971	-121	440.25	1104.0	241.3	68	378.5
C	Nov 2010	800	13.4	1081.94	9936	-35	437.87	1185.0	305.1	74	381.4
A	Dec 2010	660	10.7	1086.30	10301	365	439.05	1388.0	246.5	87	373.5
L	Jan 2011	540	8.8	1091.73	10765	463	446.84	1103.0	200.9	69	372.4
*	Feb 2011	635	11.4	1095.78	11117	353	447.78	1414.0	244.7	88	385.7
	Mar 2011	979	15.9	1096.59	11188	72	445.64	1232.0	400.0	75	408.7
	Apr 2011	1132	19.0	1094.79	11029	-159	445.74	1153.0	470.9	69	415.9
	May 2011	1045	17.0	1095.09	11056	26	441.33	1659.0	413.1	100	395.4
	Jun 2011	968	16.3	1096.67	11195	140	442.59	1663.0	381.4	100	393.9
	Jul 2011	922	15.0	1100.12	11502	307	445.58	1684.0	368.4	100	399.4
	Aug 2011	819	13.3	1104.32	11881	379	449.54	1707.0	332.4	100	405.7
	Sep 2011	629	10.6	1105.00	11943	62	453.10	1712.0	249.2	100	396.0
WY 2011		9767							3854.0		
	Oct 2011	508	8.3	1107.19	12145	201	458.76	1391.0	207.3	81	408.3
	Nov 2011	690	11.6	1108.04	12223	79	464.00	1067.0	288.6	62	418.3
	Dec 2011	569	9.3	1111.47	12543	320	462.18	1410.0	230.3	81	404.6
	Jan 2012	694	11.3	1113.48	12734	190	463.42	1303.0	286.5	74	412.5
	Feb 2012	719	12.5	1114.70	12850	116	463.16	1450.0	299.4	82	416.4
	Mar 2012	1020	16.6	1111.74	12569	-281	461.97	1419.0	424.6	81	416.4
	Apr 2012	1144	19.2	1106.21	12055	-514	456.64	1508.0	479.1	87	418.8
	May 2012	981	16.0	1103.01	11762	-292	450.94	1705.0	399.5	100	407.2
	Jun 2012	849	14.3	1102.39	11706	-57	449.36	1698.0	347.0	100	408.7
	Jul 2012	889	14.5	1103.02	11763	57	449.85	1701.0	364.0	100	409.7
	Aug 2012	810	13.2	1104.73	11919	156	451.18	1701.0	329.1	100	406.5
	Sep 2012	671	11.3	1105.00	11944	25	453.31	1701.0	268.2	100	399.9
WY 2012		9543							3923.5		
	Oct 2012	473	7.7	1107.57	12180	236	456.84	1701.0	189.7	100	401.4
	Nov 2012	582	9.8	1109.53	12362	182	462.85	1371.7	237.6	81	408.4
	Dec 2012	566	9.2	1113.23	12710	348	465.89	1047.9	232.8	62	411.2
	Jan 2013	686	11.2	1115.56	12931	222	464.58	1370.5	281.9	81	411.0
	Feb 2013	696	12.5	1116.99	13069	137	466.19	1255.0	292.8	74	420.7

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2011 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave



	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2010	862	14.0	642.17	1676	-4	138.67	249.9	109.8	98	127.5
H	Apr 2010	878	14.8	642.94	1697	21	141.04	255.0	111.0	100	126.4
I	May 2010	937	15.2	642.30	1680	-17	140.64	255.0	118.5	100	126.4
S	Jun 2010	912	15.3	643.98	1726	46	140.66	255.0	115.5	100	126.6
T	Jul 2010	913	14.8	643.57	1714	-11	141.98	242.3	115.3	95	126.4
O	Aug 2010	838	13.6	641.95	1670	-44	140.67	255.0	105.9	100	126.4
R	Sep 2010	833	14.0	638.40	1575	-95	137.24	255.0	102.6	100	123.1
WY 2010		8816							1104.5		
I	Oct 2010	766	12.5	633.10	1437	-138	129.52	209.1	92.1	82	120.2
C	Nov 2010	631	10.6	638.09	1567	130	137.83	153.0	77.2	60	122.5
A	Dec 2010	553	9.0	641.21	1650	84	141.87	168.3	67.8	66	122.6
L	Jan 2011	502	8.2	641.95	1670	20	140.42	153.0	63.3	60	125.9
*	Feb 2011	586	10.5	643.01	1699	29	139.78	181.1	73.6	71	125.6
	Mar 2011	978	15.9	642.00	1671	-28	136.93	204.0	121.8	80	124.5
	Apr 2011	1073	18.0	643.00	1699	27	136.93	204.0	133.0	80	123.9
	May 2011	1012	16.5	643.00	1699	0	136.04	255.0	126.4	100	124.8
	Jun 2011	965	16.2	642.00	1671	-27	135.51	255.0	120.0	100	124.5
	Jul 2011	911	14.8	641.50	1658	-14	134.73	255.0	113.2	100	124.2
	Aug 2011	792	12.9	641.50	1658	0	134.46	255.0	98.7	100	124.6
	Sep 2011	706	11.9	638.00	1564	-94	132.62	255.0	87.1	100	123.4
WY 2011		9475							1174.2		
	Oct 2011	626	10.2	633.00	1434	-130	128.65	237.2	75.2	93	120.2
	Nov 2011	619	10.4	635.00	1486	51	127.14	234.6	73.4	92	118.7
	Dec 2011	450	7.3	638.71	1583	97	130.00	239.7	55.1	94	122.5
	Jan 2012	585	9.5	641.80	1666	83	134.16	219.3	73.0	86	124.7
	Feb 2012	704	12.2	641.80	1666	0	135.05	244.8	88.0	96	125.1
	Mar 2012	957	15.6	643.05	1700	34	135.44	255.0	119.3	100	124.6
	Apr 2012	1114	18.7	643.00	1699	-2	136.07	255.0	138.3	100	124.2
	May 2012	949	15.4	643.00	1699	0	136.04	255.0	118.7	100	125.1
	Jun 2012	845	14.2	642.00	1671	-27	135.51	255.0	105.7	100	125.1
	Jul 2012	878	14.3	641.50	1658	-14	134.73	255.0	109.1	100	124.4
	Aug 2012	782	12.7	641.50	1658	0	134.46	255.0	97.5	100	124.7
	Sep 2012	747	12.6	638.00	1564	-94	132.62	255.0	92.0	100	123.1
WY 2012		9255							1145.5		
	Oct 2012	591	9.6	633.00	1434	-130	128.65	237.2	71.1	93	120.4
	Nov 2012	510	8.6	635.00	1486	51	127.14	234.6	60.9	92	119.4
	Dec 2012	447	7.3	638.71	1583	97	130.00	239.7	54.7	94	122.5
	Jan 2013	577	9.4	641.80	1666	83	134.16	219.3	71.9	86	124.7
	Feb 2013	681	12.3	641.80	1666	0	135.05	244.8	85.1	96	125.1

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2011 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu



	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2010	668	10.9	447.15	564	16	81.28	90.0	45.4	75	67.9
H	Apr 2010	670	11.3	448.61	592	28	81.42	90.0	46.8	75	69.8
I	May 2010	662	10.8	448.83	596	4	81.45	115.2	46.0	96	69.6
S	Jun 2010	650	10.9	448.64	592	-4	80.58	120.0	46.4	100	71.3
T	Jul 2010	743	12.1	448.61	592	-1	82.51	120.0	50.9	100	68.4
O	Aug 2010	646	10.5	448.20	584	-8	81.98	120.0	44.7	100	69.2
R	Sep 2010	583	9.8	446.95	560	-24	80.89	103.2	41.6	86	71.4
WY 2010		6298							436.8		
I	Oct 2010	465	7.6	449.14	602	42	82.79	90.0	31.4	75	67.4
C	Nov 2010	428	7.2	447.59	572	-30	79.41	91.2	30.4	76	71.1
A	Dec 2010	290	4.7	448.10	582	10	82.60	104.4	19.7	87	67.9
L	Jan 2011	391	6.4	446.40	550	-32	80.10	97.2	26.8	81	68.6
*	Feb 2011	415	7.5	447.29	567	17	76.83	90.0	29.3	75	70.7
	Mar 2011	728	11.8	447.00	561	-5	75.12	106.8	48.0	89	66.0
	Apr 2011	799	13.4	448.00	580	19	74.89	120.0	52.7	100	65.9
	May 2011	706	11.5	448.70	593	13	75.71	120.0	46.7	100	66.2
	Jun 2011	682	11.5	448.70	593	0	76.05	120.0	45.3	100	66.5
	Jul 2011	739	12.0	448.00	580	-13	75.71	120.0	49.0	100	66.3
	Aug 2011	630	10.2	447.50	571	-10	75.13	120.0	41.3	100	65.6
	Sep 2011	530	8.9	446.81	557	-13	74.55	120.0	34.4	100	64.8
WY 2011		6802							455.0		
	Oct 2011	438	7.1	446.31	548	-9	74.77	102.0	28.3	85	64.5
	Nov 2011	377	6.3	446.50	552	3	74.62	102.0	24.2	85	64.1
	Dec 2011	281	4.6	446.50	552	0	74.71	102.0	17.7	85	62.8
	Jan 2012	342	5.6	446.50	552	0	74.71	102.0	21.7	85	63.7
	Feb 2012	464	8.1	446.50	552	0	73.92	120.0	29.8	100	64.1
	Mar 2012	702	11.4	446.70	555	4	74.01	120.0	45.6	100	64.9
	Apr 2012	827	13.9	448.70	593	38	75.08	120.0	54.6	100	66.1
	May 2012	696	11.3	448.70	593	0	76.05	120.0	46.2	100	66.5
	Jun 2012	653	11.0	448.70	593	0	76.05	120.0	43.3	100	66.4
	Jul 2012	719	11.7	448.00	580	-13	75.71	120.0	47.7	100	66.3
	Aug 2012	629	10.2	447.50	571	-10	75.13	120.0	41.2	100	65.6
	Sep 2012	540	9.1	446.81	557	-13	74.55	120.0	35.0	100	64.9
WY 2012		6666							435.3		
	Oct 2012	452	7.3	446.31	548	-9	74.77	102.0	29.2	85	64.6
	Nov 2012	371	6.2	446.50	552	3	74.62	102.0	23.8	85	64.0
	Dec 2012	295	4.8	446.50	552	0	74.71	102.0	18.6	85	63.1
	Jan 2013	356	5.8	446.50	552	0	74.71	102.0	22.7	85	63.8
	Feb 2013	461	8.3	446.50	552	0	73.92	120.0	29.6	100	64.2

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2011 24-Month Study

Most Probable Inflow*

Upper Basin Power



Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
* Mar 2010	269	23	9	11	6	3
Winter 2010	1945	228	77	95	46	13
H Apr 2010	265	19	13	19	13	3
I May 2010	267	39	31	45	21	3
S Jun 2010	272	54	15	22	18	4
T Jul 2010	368	38	30	34	20	8
O Aug 2010	366	40	27	33	19	6
R Sep 2010	217	42	25	32	19	2
Summer 2010	1755	231	142	186	109	25
I Oct 2010	226	30	24	29	16	0
C Nov 2010	369	24	7	9	4	4
A Dec 2010	382	26	8	9	4	4
L Jan 2011	445	26	8	9	4	4
* Feb 2011	425	26	12	15	4	3
Mar 2011	420	22	26	33	17	5
Winter 2011	2266	154	84	105	50	21
Apr 2011	390	23	28	41	22	6
May 2011	450	52	42	63	23	7
Jun 2011	494	75	25	39	22	9
Jul 2011	553	47	36	44	23	10
Aug 2011	518	47	38	45	23	10
Sep 2011	301	45	34	41	21	3
Summer 2011	2707	288	204	273	134	45
Oct 2011	310	46	21	27	14	6
Nov 2011	335	45	12	16	8	6
Dec 2011	365	46	25	31	16	6
Jan 2012	363	46	23	29	15	5
Feb 2012	330	43	14	19	10	5
Mar 2012	288	46	9	12	7	5
Winter 2012	1991	273	104	133	70	32
Apr 2012	247	45	14	21	12	5
May 2012	291	60	35	52	23	6
Jun 2012	361	72	21	32	22	9
Jul 2012	431	40	35	42	23	10
Aug 2012	419	40	38	45	23	9
Sep 2012	306	38	35	42	21	7
Summer 2012	2055	294	177	235	125	45
Oct 2012	315	39	21	26	14	7
Nov 2012	341	38	12	15	8	6
Dec 2012	381	39	25	31	16	6
Jan 2013	379	39	23	29	15	6
Feb 2013	335	35	16	21	11	5

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2011 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions



Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
****PREDICTED SPACE****								****EFFECTIVE SPACE****										
Mar 2011	832	298	368	11087	12585	16261	28846	687	298	321	1306	11087	16261	28654	1500	979	0	31.5
Apr 2011	826	351	349	11576	13101	16189	29290	676	351	297	1323	11576	16189	29088	1500	1132	0	31.4
May 2011	732	353	309	11617	13011	16348	29359	573	353	238	1164	11617	16348	29129	1500	1045	0	33.1
Jun 2011	529	249	189	10428	11395	16321	27717	356	249	86	691	10428	16321	27440	1500	968	0	35.6
Jul 2011	267	29	170	8618	9084	16182	25266	74	0	19	93	8618	16182	24892	1500	922	0	35.9
								****CREDITABLE SPACE****										
Aug 2011	211	27	201	8563	9002	15875	24877	211	27	201	439	8563	15875	24877	1500	819	0	35.6
Sep 2011	261	80	238	9062	9641	15496	25137	261	80	238	579	9062	15496	25137	2270	629	0	35.3
Oct 2011	337	150	250	9188	9926	15434	25360	337	150	250	737	9188	15434	25360	3040	508	0	35.1
Nov 2011	411	182	247	9340	10180	15232	25412	411	182	247	840	9340	15232	25412	3810	690	0	34.9
Dec 2011	485	192	251	9558	10486	15154	25640	485	192	251	927	9558	15154	25640	4580	569	0	34.9
Jan 2012	575	248	262	9870	10955	14834	25789	575	248	262	1086	9870	14834	25789	5350	694	0	34.7
								****EFFECTIVE SPACE****										
Jan 2012	575	248	262	9870	10955	14834	25789	254	248	167	669	9870	14834	25372	5350	694	0	34.7
Feb 2012	661	302	275	10195	11432	14643	26076	339	302	179	819	10195	14643	25657	1500	719	0	34.4
Mar 2012	734	327	276	10486	11824	14527	26351	411	327	179	917	10486	14527	25931	1500	1020	0	34.0
Apr 2012	760	322	252	10581	11915	14808	26723	433	322	149	904	10581	14808	26294	1500	1144	0	33.9
May 2012	745	296	194	10399	11634	15322	26956	413	296	72	781	10399	15322	26502	1500	981	0	34.9
Jun 2012	654	216	200	9267	10337	15615	25952	313	214	45	572	9267	15615	25454	1500	849	0	36.6
Jul 2012	469	37	247	7843	8596	15671	24267	111	11	44	166	7843	15671	23680	1500	889	0	36.8
								****CREDITABLE SPACE****										
Aug 2012	376	27	254	7687	8344	15614	23958	376	27	254	658	7687	15614	23958	1500	810	0	36.5
Sep 2012	402	81	279	8024	8786	15458	24245	402	81	279	762	8024	15458	24245	2270	671	0	36.1
Oct 2012	460	152	287	8188	9085	15433	24519	460	152	287	898	8188	15433	24519	3040	473	0	36.0
Nov 2012	515	183	287	8359	9345	15197	24542	515	183	287	985	8359	15197	24542	3810	582	0	35.9
Dec 2012	572	191	288	8597	9648	15015	24664	572	191	288	1051	8597	15015	24664	4580	566	0	35.9
Jan 2013	645	248	297	8950	10140	14667	24807	645	248	297	1190	8950	14667	24807	5350	686	0	35.7
								****EFFECTIVE SPACE****										
Jan 2013	645	248	297	8950	10140	14667	24807	479	247	235	961	8950	14667	24578	5350	686	0	35.7
Feb 2013	713	301	308	9316	10639	14446	25085	546	301	246	1093	9316	14446	24854	1500	696	0	35.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2093

Processed On: 3/8/2011 3:56:56PM