

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
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The operation of Lake Powell and Lake Mead in this May 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.

The April 2011 24-Month study projected 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. Consistent with Section 6.B.3 of the Interim Guidelines, the Equalization Tier governs operations of Lake Powell for the remainder of the water year.

The May 24-Month Study projects a Lake Powell annual release volume of 12.46 maf; however, the projected annual release will be updated each month throughout the remainder of the water year to reflect changing hydrology in order to achieve the operation specified by the Equalization Tier. Due to recent increases to the inflow forecast for Lake Powell, Equalization may not be fully achieved by the end of the water year. Consistent with Section II(4) of the Long Range Operating Criteria, “[a]ny water thus retained [after September 30] in Lake Powell to avoid bypass of water at the Glen Canyon Powerplant will be released through the Glen Canyon Powerplant as soon as practicable” to achieve Equalization. The May 24-Month Study projects Equalization to be achieved by the end of the calendar year, with a projected WY 2011 Equalization volume of 0.850 maf carried over to WY 2012.

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.

The Long-Range Operating Criteria are available for download at <http://www.usbr.gov/lc/region/pao/pdffiles/opcriter.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 April 2011 was 0.983 maf or 100 percent of the 30-year average. The forecast for May 2011 unregulated inflow into Lake Powell is 3.000 maf or 130 percent of the 30-year average. Forecasted 2011 April through July unregulated inflow is 11.50 maf or 145 percent of average.

In this study, the Calendar Year (CY) 2011 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.799 maf. The CY 2011 diversion for the Central Arizona Project (CAP) is forecasted to be 1.560 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.236 maf for CY 2011.

Due to changing 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



May 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)
* May 2010	40	1	49	0	49	6469.44	117
H Jun 2010	251	2	50	1	51	6502.04	314
I Jul 2010	134	3	91	22	113	6504.39	333
S Aug 2010	50	2	68	0	68	6501.76	312
T Sep 2010	29	2	26	35	61	6497.33	279
WY 2010	781	14	530	233	763		
O Oct 2010	31	1	5	55	59	6493.24	250
R Nov 2010	34	1	53	1	54	6490.17	229
I Dec 2010	37	1	55	0	55	6487.27	210
C Jan 2011	29	1	55	0	55	6482.87	183
A Feb 2011	26	1	50	0	50	6478.35	158
L Mar 2011	36	1	58	0	58	6473.74	136
* Apr 2011	92	1	84	15	100	6471.99	128
May 2011	225	1	97	118	215	6473.87	136
Jun 2011	570	2	97	408	506	6485.45	199
Jul 2011	305	2	108	55	163	6505.07	338
Aug 2011	118	2	98	12	110	6505.75	344
Sep 2011	59	2	35	38	73	6503.75	328
WY 2011	1562	15	797	702	1499		
Oct 2011	49	1	75	0	75	6500.12	300
Nov 2011	41	1	73	0	73	6495.73	268
Dec 2011	32	1	75	0	75	6489.26	224
Jan 2012	30	1	75	0	75	6481.99	178
Feb 2012	28	1	70	0	70	6473.58	135
Mar 2012	52	0	75	0	75	6468.00	111
Apr 2012	89	1	83	0	83	6469.40	117
May 2012	176	1	86	0	86	6486.49	205
Jun 2012	307	2	104	106	210	6500.16	300
Jul 2012	185	3	101	40	141	6505.51	342
Aug 2012	82	2	87	0	87	6504.62	335
Sep 2012	48	2	71	0	71	6501.46	310
WY 2012	1121	15	976	147	1123		
Oct 2012	49	1	73	0	73	6498.11	285
Nov 2012	41	1	70	0	70	6494.01	255
Dec 2012	32	1	73	0	73	6487.87	214
Jan 2013	30	1	73	0	73	6480.81	171
Feb 2013	28	1	66	0	66	6473.21	133
Mar 2013	52	0	73	0	73	6468.26	112
Apr 2013	89	1	83	0	83	6469.68	118

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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)
*	May 2010	72	81	8	101	0	101	129	6025.97	3196	537
H	Jun 2010	387	187	10	138	0	138	130	6026.97	3234	736
I	Jul 2010	151	130	13	96	0	96	131	6027.51	3254	195
S	Aug 2010	54	72	12	100	0	100	129	6026.47	3215	135
T	Sep 2010	22	54	10	106	0	106	127	6024.83	3154	127
	WY 2010	1018	1000	79	1168	1	1169				2764
O	Oct 2010	32	60	7	77	0	77	126	6024.21	3131	113
R	Nov 2010	31	52	4	63	0	63	125	6023.83	3117	107
I	Dec 2010	45	64	2	68	0	68	125	6023.67	3111	114
C	Jan 2011	44	70	2	68	0	68	125	6023.69	3112	525
A	Feb 2011	36	60	2	67	0	67	125	6023.47	3104	489
L	Mar 2011	98	120	3	59	0	59	127	6024.99	3160	181
*	Apr 2011	159	166	5	172	0	172	127	6024.71	3150	472
	May 2011	400	390	8	250	0	250	132	6028.11	3277	250
	Jun 2011	750	686	11	283	229	512	138	6032.18	3434	512
	Jul 2011	350	208	14	268	0	268	135	6030.35	3363	268
	Aug 2011	135	127	13	112	0	112	135	6030.40	3365	112
	Sep 2011	70	84	11	109	0	109	134	6029.51	3330	109
	WY 2011	2151	2088	81	1596	229	1824				3253
	Oct 2011	59	86	7	112	0	112	133	6028.67	3298	112
	Nov 2011	50	82	3	109	0	109	131	6027.90	3269	109
	Dec 2011	36	79	2	112	0	112	130	6027.01	3235	112
	Jan 2012	41	86	2	112	0	112	129	6026.30	3208	112
	Feb 2012	46	88	2	105	0	105	128	6025.82	3190	105
	Mar 2012	104	127	3	112	0	112	129	6026.13	3202	112
	Apr 2012	142	136	5	109	0	109	130	6026.71	3224	109
	May 2012	265	175	8	112	0	112	132	6028.11	3277	112
	Jun 2012	399	301	11	109	0	109	139	6032.64	3452	109
	Jul 2012	218	174	14	155	0	155	139	6032.76	3457	155
	Aug 2012	96	101	13	200	0	200	135	6030.00	3349	200
	Sep 2012	58	81	11	104	0	104	133	6029.14	3316	104
	WY 2012	1515	1517	81	1451	0	1451				1451
	Oct 2012	59	83	7	108	0	108	132	6028.34	3285	108
	Nov 2012	50	79	3	104	0	104	131	6027.62	3258	104
	Dec 2012	36	76	2	108	0	108	130	6026.77	3226	108
	Jan 2013	41	83	2	108	0	108	129	6026.11	3201	108
	Feb 2013	46	83	2	97	0	97	128	6025.70	3186	97
	Mar 2013	104	125	3	108	0	108	129	6026.06	3200	108
	Apr 2013	142	136	5	104	0	104	130	6026.76	3226	104

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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)
* May 2010	22	9	9316.36	80
H Jun 2010	35	18	9325.55	97
I Jul 2010	10	20	9320.19	87
S Aug 2010	10	17	9316.06	80
T Sep 2010	6	14	9311.57	72
WY 2010	121	122		
O Oct 2010	7	6	9312.21	73
R Nov 2010	5	5	9312.27	74
I Dec 2010	5	5	9312.71	74
C Jan 2011	5	5	9312.70	74
A Feb 2011	4	4	9312.51	74
L Mar 2011	5	6	9311.89	73
* Apr 2011	7	8	9311.44	72
May 2011	36	38	9310.20	70
Jun 2011	69	38	9327.51	101
Jul 2011	30	36	9324.42	95
Aug 2011	13	22	9319.67	86
Sep 2011	8	16	9315.16	78
WY 2011	194	188		
Oct 2011	6	10	9312.89	75
Nov 2011	5	6	9312.22	73
Dec 2011	4	6	9311.29	72
Jan 2012	4	6	9310.17	70
Feb 2012	4	6	9308.76	68
Mar 2012	4	6	9307.64	66
Apr 2012	8	8	9307.85	67
May 2012	27	16	9314.75	78
Jun 2012	43	20	9327.20	101
Jul 2012	20	22	9326.39	99
Aug 2012	10	22	9320.04	87
Sep 2012	7	16	9314.92	78
WY 2012	144	144		
Oct 2012	6	10	9312.64	74
Nov 2012	5	6	9311.97	73
Dec 2012	4	6	9311.03	72
Jan 2013	4	6	9309.91	70
Feb 2013	4	6	9308.63	68
Mar 2013	4	6	9307.51	66
Apr 2013	8	8	9307.72	66

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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)
*	May 2010	143	131	1	110	6	116	7492.59	602
H	Jun 2010	205	186	1	51	0	51	7508.76	735
I	Jul 2010	50	60	1	98	0	98	7504.17	696
S	Aug 2010	56	63	1	92	0	92	7500.54	666
T	Sep 2010	23	31	1	86	0	86	7493.54	609
	WY 2010	725	727	8	754	6	760		
O	Oct 2010	29	29	1	85	0	85	7486.20	552
R	Nov 2010	27	27	0	24	0	24	7486.60	555
I	Dec 2010	30	29	0	27	0	27	7486.84	557
C	Jan 2011	23	23	0	27	0	27	7486.34	553
A	Feb 2011	21	21	0	43	0	43	7483.46	532
L	Mar 2011	38	39	0	75	0	75	7478.48	495
*	Apr 2011	77	78	1	95	0	95	7475.97	477
	May 2011	270	272	1	165	0	165	7490.22	583
	Jun 2011	435	404	1	183	0	183	7516.42	803
	Jul 2011	165	171	2	199	0	199	7513.11	773
	Aug 2011	77	86	1	120	0	120	7509.04	738
	Sep 2011	41	49	1	116	0	116	7500.95	669
	WY 2011	1233	1227	9	1158	0	1158		
	Oct 2011	36	39	1	71	0	71	7497.02	637
	Nov 2011	31	32	0	41	0	41	7495.83	627
	Dec 2011	25	27	0	73	0	73	7490.00	581
	Jan 2012	24	26	0	79	0	79	7482.99	528
	Feb 2012	22	24	0	61	0	61	7477.94	491
	Mar 2012	34	36	0	31	0	31	7478.57	496
	Apr 2012	73	73	1	48	0	48	7481.85	520
	May 2012	212	201	1	107	0	107	7493.95	612
	Jun 2012	271	248	1	67	0	67	7515.21	792
	Jul 2012	121	122	2	110	0	110	7516.40	802
	Aug 2012	62	74	1	122	0	122	7510.78	753
	Sep 2012	36	45	1	113	0	113	7502.73	684
	WY 2012	946	947	9	923	0	923		
	Oct 2012	36	39	1	71	0	71	7498.84	652
	Nov 2012	31	32	0	41	0	41	7497.66	642
	Dec 2012	25	27	0	87	0	87	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
	Mar 2013	34	36	0	36	0	36	7478.81	497
	Apr 2013	73	73	1	48	0	48	7482.09	521

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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)
*	May 2010	159	116	16	132	129	0	129	7154.46	113
H	Jun 2010	216	51	12	63	64	0	64	7153.15	112
I	Jul 2010	51	98	1	98	96	0	96	7156.02	114
S	Aug 2010	56	92	1	93	93	0	93	7155.63	114
T	Sep 2010	23	86	0	87	92	0	92	7148.78	108
	WY 2010	773	760	48	807	805	0	805		
O	Oct 2010	30	85	1	86	82	0	82	7153.88	112
R	Nov 2010	29	24	1	25	26	0	26	7152.79	111
I	Dec 2010	30	27	0	28	27	0	27	7153.98	112
C	Jan 2011	23	27	0	27	27	0	27	7153.70	112
A	Feb 2011	21	43	0	43	44	0	44	7152.08	111
L	Mar 2011	38	75	1	75	73	0	73	7154.37	113
*	Apr 2011	84	95	7	102	104	0	104	7152.20	111
	May 2011	305	165	35	200	199	0	199	7153.73	112
	Jun 2011	470	183	35	218	218	0	218	7153.73	112
	Jul 2011	175	199	10	209	209	0	209	7153.73	112
	Aug 2011	81	120	5	125	125	0	125	7153.73	112
	Sep 2011	44	116	3	119	119	0	119	7153.73	112
	WY 2011	1331	1158	99	1257	1253	0	1253		
	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	73	2	75	75	0	75	7153.73	112
	Jan 2012	26	79	2	81	81	0	81	7153.73	112
	Feb 2012	25	61	3	64	64	0	64	7153.73	112
	Mar 2012	38	31	4	35	35	0	35	7153.73	112
	Apr 2012	84	48	11	59	59	0	59	7153.73	112
	May 2012	237	107	25	132	132	0	132	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	923	86	1010	1010	0	1010		
	Oct 2012	38	71	3	74	74	0	74	7153.73	112
	Nov 2012	33	41	2	43	43	0	43	7153.73	112
	Dec 2012	27	87	2	89	89	0	89	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
	Mar 2013	38	36	4	40	40	0	40	7153.73	112
	Apr 2013	84	48	11	59	59	0	59	7153.73	112

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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)
* May 2010	179	129	20	148	108	36	148	6752.53	17	60	91
H Jun 2010	242	64	25	89	89	0	89	6752.91	17	56	39
I Jul 2010	55	96	4	100	100	0	100	6751.15	16	69	39
S Aug 2010	61	93	5	98	98	0	98	6749.05	16	68	37
T 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
O Oct 2010	34	82	4	86	85	0	85	6750.41	16	51	33
R Nov 2010	32	26	4	30	30	0	30	6748.60	16	1	29
I Dec 2010	34	27	4	31	31	0	31	6748.24	16	1	30
C Jan 2011	27	27	4	31	30	1	31	6749.02	16	1	30
A Feb 2011	24	44	3	47	24	23	46	6751.55	17	1	47
L Mar 2011	43	73	5	78	78	0	78	6751.94	17	5	76
* Apr 2011	92	104	8	112	110	2	112	6752.03	17	38	79
May 2011	345	199	40	239	135	104	238	6753.04	17	55	183
Jun 2011	530	218	60	278	130	148	278	6753.04	17	60	218
Jul 2011	195	209	20	229	134	95	229	6753.04	17	65	164
Aug 2011	91	125	9	134	134	0	134	6753.04	17	65	69
Sep 2011	51	119	7	126	126	0	126	6753.04	17	55	71
WY 2011	1499	1253	167	1420	1046	372	1418			397	1029
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	75	5	79	79	0	79	6753.04	17	0	79
Jan 2012	31	81	5	86	86	0	86	6753.04	17	0	86
Feb 2012	29	64	4	68	68	0	68	6753.04	17	0	68
Mar 2012	46	35	7	42	42	0	42	6753.04	17	5	37
Apr 2012	96	59	12	71	71	0	71	6753.04	17	30	41
May 2012	272	132	35	167	134	33	167	6753.04	17	55	112
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	1010	150	1160	1127	33	1160			365	795
Oct 2012	44	74	6	80	80	0	80	6753.04	17	30	50
Nov 2012	38	43	5	48	48	0	48	6753.04	17	0	48
Dec 2012	32	89	5	94	94	0	94	6753.04	17	0	94
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
Mar 2013	46	40	7	47	47	0	47	6753.04	17	5	42
Apr 2013	96	59	12	71	71	0	71	6753.04	17	30	41

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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)
*	May 2010	69	20	7660.32	113
H	Jun 2010	46	42	7661.51	116
I	Jul 2010	12	37	7651.21	90
S	Aug 2010	19	33	7645.00	75
T	Sep 2010	10	26	7637.70	59
WY 2010		210	196		
O	Oct 2010	12	13	7636.95	58
R	Nov 2010	7	2	7639.20	63
I	Dec 2010	6	2	7641.20	67
C	Jan 2011	5	2	7642.53	70
A	Feb 2011	4	2	7643.62	72
L	Mar 2011	7	2	7645.67	77
*	Apr 2011	22	4	7653.10	95
	May 2011	50	32	7659.91	112
	Jun 2011	61	47	7664.87	125
	Jul 2011	20	42	7656.45	103
	Aug 2011	15	38	7646.78	79
	Sep 2011	15	30	7640.16	65
WY 2011		223	215		
	Oct 2011	14	16	7639.12	62
	Nov 2011	8	2	7642.16	69
	Dec 2011	6	2	7644.05	73
	Jan 2012	5	2	7645.53	76
	Feb 2012	5	2	7646.81	79
	Mar 2012	8	3	7648.85	84
	Apr 2012	22	3	7656.46	103
	May 2012	69	57	7661.08	115
	Jun 2012	78	67	7664.83	125
	Jul 2012	31	41	7660.67	114
	Aug 2012	19	38	7653.30	95
	Sep 2012	17	29	7648.33	83
WY 2012		282	260		
	Oct 2012	14	13	7648.55	84
	Nov 2012	8	6	7649.53	86
	Dec 2012	6	5	7650.10	87
	Jan 2013	5	3	7650.94	89
	Feb 2013	5	3	7651.72	91
	Mar 2013	8	3	7653.65	96
	Apr 2013	22	10	7658.11	107

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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)	NIIP 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)
* May 2010	264	35	182	4	26	30	6071.80	1506	126
H Jun 2010	152	27	116	5	40	33	6074.50	1544	118
I Jul 2010	15	2	39	5	47	58	6069.52	1474	72
S Aug 2010	39	2	52	4	35	41	6067.48	1446	69
T Sep 2010	24	1	39	3	25	45	6064.97	1412	57
WY 2010	855	89	753	29	202	423			802
O Oct 2010	24	0	26	2	8	36	6063.49	1393	46
R Nov 2010	17	0	12	1	1	29	6062.08	1374	46
I Dec 2010	23	0	19	1	1	30	6061.11	1362	42
C Jan 2011	16	0	13	1	1	31	6059.58	1342	50
A Feb 2011	18	0	15	1	1	28	6058.41	1328	45
L Mar 2011	41	2	35	2	4	31	6058.28	1326	49
* Apr 2011	115	14	84	2	19	31	6060.75	1357	44
May 2011	200	33	149	4	28	91	6062.81	1384	91
Jun 2011	196	22	160	4	43	77	6065.50	1419	77
Jul 2011	34	2	53	5	46	39	6062.75	1383	39
Aug 2011	28	0	51	4	39	42	6060.13	1349	42
Sep 2011	35	2	47	3	22	33	6059.27	1339	33
WY 2011	747	75	664	28	212	498			605
Oct 2011	40	0	42	2	8	31	6059.43	1341	31
Nov 2011	33	0	26	1	0	30	6059.09	1336	30
Dec 2011	24	0	20	1	0	31	6058.15	1324	31
Jan 2012	22	0	18	1	0	31	6057.11	1311	31
Feb 2012	30	0	27	1	0	28	6057.00	1310	28
Mar 2012	88	1	83	2	4	52	6059.03	1336	52
Apr 2012	174	16	138	3	17	56	6063.99	1399	56
May 2012	279	35	231	4	29	121	6069.73	1477	121
Jun 2012	246	27	208	5	44	182	6068.11	1455	182
Jul 2012	74	4	81	5	47	37	6067.56	1447	37
Aug 2012	43	2	60	4	40	42	6065.68	1422	42
Sep 2012	42	1	53	3	22	36	6065.08	1414	36
WY 2012	1096	85	989	28	210	675			675
Oct 2012	40	0	40	2	8	31	6065.02	1413	31
Nov 2012	33	0	31	1	0	30	6065.00	1413	30
Dec 2012	24	0	22	1	0	31	6064.32	1404	31
Jan 2013	22	0	20	1	0	31	6063.43	1392	31
Feb 2013	30	0	29	1	0	27	6063.48	1393	27
Mar 2013	88	1	83	2	4	31	6066.95	1439	31
Apr 2013	174	16	146	3	17	34	6073.64	1532	34

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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)
*	May 2010	1399	1224	32	601	0	601	3625.96	17785	14405	612
H	Jun 2010	2776	2321	53	601	0	601	3638.82	17994	15864	612
I	Jul 2010	674	706	65	802	0	802	3636.52	18100	15596	824
S	Aug 2010	504	608	64	802	0	802	3634.55	18070	15369	826
T	Sep 2010	277	461	58	480	0	480	3633.66	18095	15267	490
	WY 2010	8634	8674	444	8234	0	8235				8419
O	Oct 2010	362	512	41	495	0	495	3634.08	18023	15315	502
R	Nov 2010	438	474	39	810	0	810	3630.31	18075	14888	826
I	Dec 2010	416	446	30	847	0	847	3626.54	18063	14469	865
C	Jan 2011	381	429	9	997	0	997	3620.55	18133	13822	1015
A	Feb 2011	317	377	10	964	0	964	3614.95	18123	13235	984
L	Mar 2011	587	589	16	1033	0	1033	3610.73	18094	12804	1055
*	Apr 2011	981	941	25	940	0	940	3611.93	17949	12926	964
	May 2011	3000	2696	31	1195	0	1195	3624.87	18058	14287	1195
	Jun 2011	5200	4656	54	1369	0	1369	3650.52	18297	17280	1369
	Jul 2011	2300	2305	72	1465	0	1465	3656.14	18354	17991	1465
	Aug 2011	834	908	72	1465	0	1465	3651.54	18307	17409	1465
	Sep 2011	568	704	65	883	0	883	3649.74	18289	17183	883
	WY 2011	15384	15037	463	12463	0	12463				12587
	Oct 2011	514	601	45	912	0	912	3647.07	18263	16854	912
	Nov 2011	523	589	42	1138	0	1138	3642.55	18219	16306	1138
	Dec 2011	414	544	33	800	0	800	3640.31	18198	16039	800
	Jan 2012	384	519	10	800	0	800	3638.01	18176	15770	800
	Feb 2012	398	493	11	800	0	800	3635.48	18153	15475	800
	Mar 2012	628	601	18	800	0	800	3633.73	18137	15274	800
	Apr 2012	950	806	29	800	0	800	3633.54	18135	15253	800
	May 2012	2161	1810	35	950	0	950	3640.12	18196	16017	950
	Jun 2012	2811	2324	57	1100	0	1100	3649.05	18282	17098	1100
	Jul 2012	1346	1285	70	1165	0	1165	3649.42	18286	17144	1165
	Aug 2012	566	771	69	1109	0	1109	3646.35	18256	16766	1109
	Sep 2012	460	599	63	714	0	714	3645.00	18243	16601	714
	WY 2012	11154	10942	483	11088	0	11088				11088
	Oct 2012	514	596	43	738	0	738	3643.58	18229	16429	738
	Nov 2012	523	584	41	800	0	800	3641.59	18210	16192	800
	Dec 2012	414	555	33	900	0	900	3638.63	18182	15842	900
	Jan 2013	384	514	10	900	0	900	3635.48	18153	15475	900
	Feb 2013	398	478	11	800	0	800	3632.78	18128	15167	800
	Mar 2013	628	581	18	600	0	600	3632.48	18125	15132	600
	Apr 2013	950	780	29	800	0	800	3632.08	18122	15087	800

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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)
*	May 2010	601	87	47	961	15.6	28	933	714	1094.30	10987
H	Jun 2010	601	30	55	1007	16.9	27	1006	686	1089.30	10556
I	Jul 2010	802	29	68	941	15.3	33	937	673	1086.97	10357
S	Aug 2010	802	126	72	829	13.5	33	823	673	1086.91	10352
T	Sep 2010	480	82	59	758	12.7	23	755	656	1083.81	10092
WY 2010		8235	928	564	9260		235	9039			
O	Oct 2010	495	80	42	638	10.4	24	607	648	1082.36	9971
R	Nov 2010	810	13	42	800	13.4	18	795	646	1081.94	9936
I	Dec 2010	847	248	37	660	10.7	9	630	670	1086.30	10301
C	Jan 2011	997	75	31	540	8.8	9	526	700	1091.73	10765
A	Feb 2011	964	84	29	635	11.4	9	616	723	1095.78	11117
L	Mar 2011	1033	77	33	1006	16.4	14	1002	726	1096.39	11170
*	Apr 2011	940	141	40	1078	18.1	21	1066	722	1095.76	11115
	May 2011	1195	49	47	1031	16.8	27	1031	731	1097.24	11245
	Jun 2011	1369	23	57	990	16.6	23	990	751	1100.64	11548
	Jul 2011	1465	50	73	887	14.4	25	887	783	1106.12	12046
	Aug 2011	1465	109	79	817	13.3	27	817	823	1112.67	12657
	Sep 2011	883	70	66	639	10.7	19	639	837	1114.92	12871
WY 2011		12463	1017	576	9721		224	9608			
	Oct 2011	912	59	49	476	7.7	23	476	862	1119.06	13269
	Nov 2011	1138	48	50	657	11.0	22	657	890	1123.47	13699
	Dec 2011	800	99	44	547	8.9	17	547	908	1126.22	13973
	Jan 2012	800	76	36	708	11.5	20	708	915	1127.27	14078
	Feb 2012	800	92	33	729	12.7	18	729	922	1128.31	14183
	Mar 2012	800	80	37	1033	16.8	24	1033	909	1126.31	13981
	Apr 2012	800	60	46	1156	19.4	20	1156	887	1122.89	13641
	May 2012	950	49	52	993	16.2	31	993	882	1122.15	13569
	Jun 2012	1100	23	63	860	14.5	26	860	893	1123.80	13731
	Jul 2012	1165	50	80	901	14.7	28	901	905	1125.74	13925
	Aug 2012	1109	109	85	822	13.4	31	822	922	1128.36	14188
	Sep 2012	714	70	71	676	11.4	22	676	923	1128.50	14202
WY 2012		11088	815	646	9556		282	9556			
	Oct 2012	738	59	52	463	7.5	26	463	939	1130.86	14442
	Nov 2012	800	48	52	573	9.6	25	573	951	1132.67	14627
	Dec 2012	900	99	46	558	9.1	21	558	974	1136.07	14979
	Jan 2013	900	76	38	708	11.5	20	708	986	1137.95	15177
	Feb 2013	800	92	35	715	12.9	18	715	994	1139.06	15293
	Mar 2013	600	80	39	1052	17.1	24	1052	967	1135.16	14884
	Apr 2013	800	60	47	1141	19.2	20	1141	946	1131.98	14557

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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)
* May 2010	961	-19	22	937	0	937	15.2	642.30	1680
H Jun 2010	1007	-23	25	912	0	912	15.3	643.98	1726
I Jul 2010	941	-14	26	913	0	913	14.8	643.57	1714
S Aug 2010	829	-12	23	838	0	838	13.6	641.95	1670
T Sep 2010	758	-2	18	833	0	833	14.0	638.40	1575
WY 2010	9260	-172	197	8816	0	8816			
O Oct 2010	638	6	15	766	0	766	12.5	633.10	1437
R Nov 2010	800	-29	10	631	0	631	10.6	638.09	1567
I Dec 2010	660	-15	9	553	0	553	9.0	641.21	1650
C Jan 2011	540	-7	10	502	0	502	8.2	641.95	1670
A Feb 2011	635	-10	10	586	0	586	10.5	643.01	1699
L Mar 2011	1006	-11	13	976	0	976	15.9	643.23	1705
* Apr 2011	1078	-13	17	1047	0	1047	17.6	643.30	1707
May 2011	1031	-10	22	1007	0	1007	16.4	643.00	1699
Jun 2011	990	-6	25	959	0	959	16.1	643.00	1699
Jul 2011	887	1	25	904	0	904	14.7	641.50	1658
Aug 2011	817	-5	23	790	0	790	12.8	641.50	1658
Sep 2011	639	1	18	716	0	716	12.0	638.00	1564
WY 2011	9721	-98	197	9435	0	9435			
Oct 2011	476	3	15	594	0	594	9.7	633.00	1434
Nov 2011	657	-10	10	585	0	585	9.8	635.00	1486
Dec 2011	547	-13	9	427	0	427	6.9	638.71	1583
Jan 2012	708	-17	10	598	0	598	9.7	641.80	1666
Feb 2012	729	-6	10	714	0	714	12.4	641.80	1666
Mar 2012	1033	-15	13	971	0	971	15.8	643.05	1700
Apr 2012	1156	-15	17	1125	0	1125	18.9	643.00	1699
May 2012	993	-10	22	961	0	961	15.6	643.00	1699
Jun 2012	860	-6	25	856	0	856	14.4	642.00	1671
Jul 2012	901	1	25	890	0	890	14.5	641.50	1658
Aug 2012	822	-5	23	795	0	795	12.9	641.50	1658
Sep 2012	676	1	18	752	0	752	12.6	638.00	1564
WY 2012	9556	-91	197	9268	0	9268			
Oct 2012	463	3	15	581	0	581	9.5	633.00	1434
Nov 2012	573	-10	10	502	0	502	8.4	635.00	1486
Dec 2012	558	-13	9	438	0	438	7.1	638.71	1583
Jan 2013	708	-17	10	599	0	599	9.7	641.80	1666
Feb 2013	715	-6	10	699	0	699	12.6	641.80	1666
Mar 2013	1052	-15	13	990	0	990	16.1	643.05	1700
Apr 2013	1141	-15	17	1111	0	1111	18.7	643.00	1699

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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)
*	May 2010	937	24	13	662	10.8	102	172	448.83	596	114	1.9
H	Jun 2010	912	23	16	650	10.9	91	171	448.64	592	113	1.9
I	Jul 2010	913	17	17	743	12.1	107	50	448.61	592	126	2.1
S	Aug 2010	838	21	17	646	10.5	108	84	448.20	584	101	1.6
T	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	
O	Oct 2010	766	25	12	465	7.6	102	166	449.14	602	106	1.7
R	Nov 2010	631	38	9	428	7.2	98	159	447.59	572	114	1.9
I	Dec 2010	553	33	7	290	4.7	93	183	448.10	582	147	2.4
C	Jan 2011	502	8	6	391	6.4	52	89	446.40	550	141	2.3
A	Feb 2011	586	15	8	415	7.5	22	135	447.29	567	173	3.1
L	Mar 2011	976	1	9	694	11.3	71	181	448.06	581	198	3.2
*	Apr 2011	1047	19	11	786	13.2	70	180	448.54	590	204	3.4
	May 2011	1007	13	13	731	11.9	82	184	448.50	589	111	1.8
	Jun 2011	959	9	15	683	11.5	82	174	448.50	589	117	2.0
	Jul 2011	904	15	17	737	12.0	85	76	448.00	580	121	2.0
	Aug 2011	790	18	17	631	10.3	85	72	447.50	571	96	1.6
	Sep 2011	716	15	15	532	8.9	82	106	446.81	557	89	1.5
WY 2011		9435	209	140	6783		923	1705			1616	
	Oct 2011	594	20	12	439	7.1	55	109	446.31	548	68	1.1
	Nov 2011	585	26	8	379	6.4	55	159	446.50	552	109	1.8
	Dec 2011	427	21	6	282	4.6	58	95	446.50	552	118	1.9
	Jan 2012	598	15	6	342	5.6	96	165	446.50	552	122	2.0
	Feb 2012	714	6	8	464	8.1	86	156	446.50	552	153	2.7
	Mar 2012	971	22	9	702	11.4	96	174	446.70	555	208	3.4
	Apr 2012	1125	18	11	827	13.9	93	166	448.70	593	200	3.4
	May 2012	961	13	13	696	11.3	96	159	448.70	593	111	1.8
	Jun 2012	856	9	16	653	11.0	93	90	448.70	593	112	1.9
	Jul 2012	890	15	17	719	11.7	96	72	448.00	580	118	1.9
	Aug 2012	795	18	17	629	10.2	96	68	447.50	571	92	1.5
	Sep 2012	752	15	15	540	9.1	69	148	446.81	557	89	1.5
WY 2012		9268	199	139	6670		988	1562			1501	
	Oct 2012	581	20	12	452	7.3	26	113	446.31	548	72	1.2
	Nov 2012	502	26	8	371	6.2	27	111	446.50	552	105	1.8
	Dec 2012	438	21	6	295	4.8	27	125	446.50	552	118	1.9
	Jan 2013	599	15	6	356	5.8	106	141	446.50	552	122	2.0
	Feb 2013	699	6	8	461	8.3	96	135	446.50	552	153	2.8
	Mar 2013	990	22	9	708	11.5	106	178	446.70	555	208	3.4
	Apr 2013	1111	18	11	796	13.4	103	172	448.70	593	200	3.4

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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
* May 2010	961	15.6	1094.30	10987	-326	449.26	1371.0	378.0	82	393.4
H Jun 2010	1007	16.9	1089.30	10556	-431	442.32	1556.0	390.5	94	387.7
I Jul 2010	941	15.3	1086.97	10357	-198	441.50	1640.0	360.3	100	382.9
S Aug 2010	829	13.5	1086.91	10352	-5	443.45	1617.0	313.3	100	378.0
T Sep 2010	758	12.7	1083.81	10092	-261	439.46	1617.0	285.1	100	375.9
WY 2010	9260							3588.7		
O Oct 2010	638	10.4	1082.36	9971	-121	440.25	1104.0	241.3	68	378.5
R Nov 2010	800	13.4	1081.94	9936	-35	437.87	1185.0	305.1	74	381.4
I Dec 2010	660	10.7	1086.30	10301	365	439.05	1388.0	246.5	87	373.5
C Jan 2011	540	8.8	1091.73	10765	463	446.84	1103.0	200.9	69	372.4
A Feb 2011	635	11.4	1095.78	11117	353	447.78	1414.0	244.7	88	385.7
L Mar 2011	1006	16.4	1096.39	11170	54	449.79	1232.0	398.2	75	395.8
* Apr 2011	1078	18.1	1095.76	11115	-55	449.53	1157.0	430.9	70	399.6
May 2011	1031	16.8	1097.24	11245	131	444.04	1468.0	412.1	88	399.8
Jun 2011	990	16.6	1100.64	11548	302	445.30	1668.0	393.4	100	397.5
Jul 2011	887	14.4	1106.12	12046	498	450.20	1686.0	363.8	100	409.9
Aug 2011	817	13.3	1112.67	12657	611	456.66	1708.0	336.1	100	411.3
Sep 2011	639	10.7	1114.92	12871	214	462.18	1712.0	258.1	100	403.7
WY 2011	9721							3831.3		
Oct 2011	476	7.7	1119.06	13269	398	469.61	1394.0	196.1	81	412.2
Nov 2011	657	11.0	1123.47	13699	430	477.60	1070.0	279.3	62	425.4
Dec 2011	547	8.9	1126.22	13973	274	477.20	1416.0	225.3	81	412.2
Jan 2012	708	11.5	1127.27	14078	106	477.63	1303.0	300.2	74	424.2
Feb 2012	729	12.7	1128.31	14183	104	476.78	1449.0	311.8	82	427.5
Mar 2012	1033	16.8	1126.31	13981	-201	475.98	1420.0	442.4	81	428.3
Apr 2012	1156	19.4	1122.89	13641	-340	472.16	1508.0	499.4	88	432.2
May 2012	993	16.2	1122.15	13569	-73	468.73	1704.0	411.7	100	414.4
Jun 2012	860	14.5	1123.80	13731	163	469.51	1700.0	366.0	100	425.6
Jul 2012	901	14.7	1125.74	13925	194	471.79	1703.0	377.5	100	418.9
Aug 2012	822	13.4	1128.36	14188	262	474.22	1713.0	349.6	100	425.3
Sep 2012	676	11.4	1128.50	14202	14	476.74	1714.0	282.1	100	417.7
WY 2012	9556							4041.4		
Oct 2012	463	7.5	1130.86	14442	240	482.25	1383.5	194.1	81	418.9
Nov 2012	573	9.6	1132.67	14627	185	488.08	1057.7	246.5	62	430.0
Dec 2012	558	9.1	1136.07	14979	352	486.70	1382.9	234.4	81	420.0
Jan 2013	708	11.5	1137.95	15177	197	487.87	1264.6	305.8	74	431.7
Feb 2013	715	12.9	1139.06	15293	117	487.46	1401.6	311.8	82	436.3
Mar 2013	1052	17.1	1135.16	14884	-409	485.75	1386.8	460.1	81	437.2
Apr 2013	1141	19.2	1131.98	14557	-328	481.10	1500.1	500.5	88	438.6

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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
* May 2010	937	15.2	642.30	1680	-17	140.64	255.0	118.5	100	126.4
H Jun 2010	912	15.3	643.98	1726	46	140.66	255.0	115.5	100	126.6
I Jul 2010	913	14.8	643.57	1714	-11	141.98	242.3	115.3	95	126.4
S Aug 2010	838	13.6	641.95	1670	-44	140.67	255.0	105.9	100	126.4
T Sep 2010	833	14.0	638.40	1575	-95	137.24	255.0	102.6	100	123.1
WY 2010	8816							1104.5		
O Oct 2010	766	12.5	633.10	1437	-138	129.52	209.1	92.1	82	120.2
R Nov 2010	631	10.6	638.09	1567	130	137.83	153.0	77.2	60	122.5
I Dec 2010	553	9.0	641.21	1650	84	141.87	168.3	67.8	66	122.6
C Jan 2011	502	8.2	641.95	1670	20	140.42	153.0	63.3	60	125.9
A Feb 2011	586	10.5	643.01	1699	29	139.78	181.1	73.6	71	125.6
L Mar 2011	976	15.9	643.23	1705	6	138.82	204.0	123.0	80	126.0
* Apr 2011	1047	17.6	643.30	1707	2	141.68	227.0	131.6	89	125.7
May 2011	1007	16.4	643.00	1699	-8	136.19	255.0	125.8	100	125.0
Jun 2011	959	16.1	643.00	1699	0	136.04	255.0	119.8	100	124.9
Jul 2011	904	14.7	641.50	1658	-41	135.25	255.0	112.7	100	124.7
Aug 2011	790	12.8	641.50	1658	0	134.46	255.0	98.4	100	124.6
Sep 2011	716	12.0	638.00	1564	-94	132.62	255.0	88.3	100	123.3
WY 2011	9435							1173.4		
Oct 2011	594	9.7	633.00	1434	-130	128.65	237.2	71.5	93	120.4
Nov 2011	585	9.8	635.00	1486	51	127.14	234.6	69.6	92	118.9
Dec 2011	427	6.9	638.71	1583	97	130.00	239.7	52.4	94	122.6
Jan 2012	598	9.7	641.80	1666	83	134.16	219.3	74.6	86	124.6
Feb 2012	714	12.4	641.80	1666	0	135.05	244.8	89.3	96	125.0
Mar 2012	971	15.8	643.05	1700	34	135.44	255.0	120.9	100	124.5
Apr 2012	1125	18.9	643.00	1699	-2	136.07	255.0	139.7	100	124.2
May 2012	961	15.6	643.00	1699	0	136.04	255.0	120.2	100	125.1
Jun 2012	856	14.4	642.00	1671	-27	135.51	255.0	107.0	100	125.0
Jul 2012	890	14.5	641.50	1658	-14	134.73	255.0	110.7	100	124.3
Aug 2012	795	12.9	641.50	1658	0	134.46	255.0	99.0	100	124.6
Sep 2012	752	12.6	638.00	1564	-94	132.62	255.0	92.6	100	123.1
WY 2012	9268							1147.3		
Oct 2012	581	9.5	633.00	1434	-130	128.65	237.2	70.0	93	120.4
Nov 2012	502	8.4	635.00	1486	51	127.14	234.6	60.0	92	119.5
Dec 2012	438	7.1	638.71	1583	97	130.00	239.7	53.7	94	122.6
Jan 2013	599	9.7	641.80	1666	83	134.16	219.3	74.7	86	124.6
Feb 2013	699	12.6	641.80	1666	0	135.05	244.8	87.4	96	125.0
Mar 2013	990	16.1	643.05	1700	34	135.44	255.0	123.2	100	124.4
Apr 2013	1111	18.7	643.00	1699	-2	136.07	255.0	138.0	100	124.2

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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
*	May 2010	662	10.8	448.83	596	4	81.45	115.2	46.0	96	69.6
H	Jun 2010	650	10.9	448.64	592	-4	80.58	120.0	46.4	100	71.3
I	Jul 2010	743	12.1	448.61	592	-1	82.51	120.0	50.9	100	68.4
S	Aug 2010	646	10.5	448.20	584	-8	81.98	120.0	44.7	100	69.2
T	Sep 2010	583	9.8	446.95	560	-24	80.89	103.2	41.6	86	71.4
WY 2010		6298							436.8		
O	Oct 2010	465	7.6	449.14	602	42	82.79	90.0	31.4	75	67.4
R	Nov 2010	428	7.2	447.59	572	-30	79.41	91.2	30.4	76	71.1
I	Dec 2010	290	4.7	448.10	582	10	82.60	104.4	19.7	87	67.9
C	Jan 2011	391	6.4	446.40	550	-32	80.10	97.2	26.8	81	68.6
A	Feb 2011	415	7.5	447.29	567	17	76.83	90.0	29.3	75	70.7
L	Mar 2011	694	11.3	448.06	581	15	80.18	112.8	47.4	94	68.4
*	Apr 2011	786	13.2	448.54	590	9	82.13	120.0	54.4	100	69.1
	May 2011	731	11.9	448.50	589	-1	75.88	120.0	48.6	100	66.4
	Jun 2011	683	11.5	448.50	589	0	75.86	120.0	45.3	100	66.3
	Jul 2011	737	12.0	448.00	580	-9	75.61	120.0	48.8	100	66.2
	Aug 2011	631	10.3	447.50	571	-10	75.13	120.0	41.4	100	65.6
	Sep 2011	532	8.9	446.81	557	-13	74.55	120.0	34.5	100	64.8
WY 2011		6783							458.0		
	Oct 2011	439	7.1	446.31	548	-9	74.77	102.0	28.3	85	64.5
	Nov 2011	379	6.4	446.50	552	3	74.62	102.0	24.3	85	64.1
	Dec 2011	282	4.6	446.50	552	0	74.71	102.0	17.7	85	62.9
	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		6670							435.5		
	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
	Mar 2013	708	11.5	446.70	555	4	74.01	120.0	45.9	100	64.9
	Apr 2013	796	13.4	448.70	593	38	75.08	120.0	52.5	100	66.0

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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
* May 2010	267	39	31	45	21	3
H Jun 2010	272	54	15	22	18	4
I Jul 2010	368	38	30	34	20	8
S Aug 2010	366	40	27	33	19	6
T Sep 2010	217	42	25	32	19	2
Summer 2010	1755	231	142	186	109	25
O Oct 2010	226	30	24	29	16	0
R Nov 2010	369	24	7	9	4	4
I Dec 2010	382	26	8	9	4	4
C Jan 2011	445	26	8	9	4	4
A Feb 2011	425	26	12	15	4	3
L Mar 2011	453	23	21	26	15	4
Winter 2011	2299	156	79	97	48	19
* Apr 2011	415	65	26	37	21	5
May 2011	490	91	48	72	23	7
Jun 2011	583	104	56	79	22	7
Jul 2011	642	99	62	75	23	9
Aug 2011	642	41	37	45	23	10
Sep 2011	385	40	36	43	22	3
Summer 2011	3156	441	265	350	135	42
Oct 2011	395	41	21	27	14	7
Nov 2011	490	40	12	16	8	7
Dec 2011	342	41	22	27	14	6
Jan 2012	341	41	23	29	15	6
Feb 2012	339	38	17	23	12	5
Mar 2012	338	41	9	13	7	5
Winter 2012	2247	242	105	134	70	36
Apr 2012	337	40	14	21	12	5
May 2012	403	41	31	48	23	6
Jun 2012	474	40	21	32	22	9
Jul 2012	506	57	35	42	23	10
Aug 2012	480	74	38	45	23	8
Sep 2012	308	38	35	42	21	7
Summer 2012	2509	290	173	230	125	45
Oct 2012	318	39	22	27	14	7
Nov 2012	343	38	12	16	8	6
Dec 2012	384	39	26	32	16	6
Jan 2013	382	39	23	29	15	6
Feb 2013	338	35	16	21	11	5
Mar 2013	253	39	10	14	8	5
Winter 2013	1765	192	98	124	64	29
Apr 2013	337	38	14	21	12	5

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 2011 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions



Date	Flaming Gorge	Blue Mesa	Navajo	Lake Powell	Upper Basin Total	Lake Mead	Total	Flaming Gorge	Blue Mesa	Navajo	Tot or Max Allow	Lake Powell	Lake Mead	Total	BOM Space Required	Mead Sched Rel	Mead FC Rel	Sys Cont				
	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	MAF				
	**** PREDICTED SPACE ****								**** EFFECTIVE SPACE ****													
May 2011	817	352	339	11396	12904	16262	29167	470	323	155	948	11396	16262	28606	1500	1031	0	33.4				
Jun 2011	681	246	312	10035	11275	16132	27406	320	218	97	635	10035	16132	26802	1500	990	0	37.2				
Jul 2011	462	27	277	7042	7807	15829	23636	82	-34	14	62	7042	15829	22933	1500	887	0	38.4				
											**** CREDITABLE SPACE ****											
Aug 2011	393	56	313	6331	7093	15331	22424	393	56	313	762	6331	15331	22424	1500	817	0	38.3				
Sep 2011	386	92	347	6913	7738	14720	22458	386	92	347	824	6913	14720	22458	2270	639	0	38.0				
Oct 2011	436	160	357	7139	8093	14506	22599	436	160	357	954	7139	14506	22599	3040	476	0	37.9				
Nov 2011	496	192	355	7468	8513	14108	22621	496	192	355	1044	7468	14108	22621	3810	657	0	37.7				
Dec 2011	558	202	360	8016	9135	13678	22814	558	202	360	1119	8016	13678	22814	4580	547	0	37.7				
Jan 2012	635	248	372	8283	9538	13404	22942	635	248	372	1255	8283	13404	22942	5350	708	0	37.5				
											**** EFFECTIVE SPACE ****											
Jan 2012	635	248	372	8283	9538	13404	22942	401	248	281	930	8283	13404	22618	5350	708	0	37.5				
Feb 2012	708	302	385	8552	9946	13299	23245	472	302	294	1067	8552	13299	22918	1500	729	0	37.2				
Mar 2012	769	338	386	8847	10339	13194	23534	531	338	294	1164	8847	13194	23204	1500	1033	0	36.9				
Apr 2012	781	334	360	9048	10523	13396	23919	540	334	263	1136	9048	13396	23580	1500	1156	0	36.6				
May 2012	753	310	297	9069	10429	13736	24164	506	310	180	996	9069	13736	23800	1500	993	0	37.7				
Jun 2012	612	217	219	8305	9353	13808	23162	353	214	70	637	8305	13808	22751	1500	860	0	39.3				
Jul 2012	342	38	241	7224	7846	13646	21491	63	11	44	118	7224	13646	20988	1500	901	0	39.6				
											**** CREDITABLE SPACE ****											
Aug 2012	296	27	249	7178	7750	13452	21202	296	27	249	572	7178	13452	21202	1500	822	0	39.3				
Sep 2012	410	77	274	7556	8317	13189	21507	410	77	274	761	7556	13189	21507	2270	676	0	38.9				
Oct 2012	468	146	282	7721	8617	13175	21792	468	146	282	896	7721	13175	21792	3040	463	0	38.7				
Nov 2012	524	178	283	7893	8877	12935	21812	524	178	283	985	7893	12935	21812	3810	573	0	38.6				
Dec 2012	581	187	283	8130	9182	12750	21931	581	187	283	1051	8130	12750	21931	4580	558	0	38.6				
Jan 2013	653	248	292	8480	9674	12398	22072	653	248	292	1194	8480	12398	22072	5350	708	0	38.4				
											**** EFFECTIVE SPACE ****											
Jan 2013	653	248	292	8480	9674	12398	22072	479	248	235	962	8480	12398	21840	5350	708	0	38.4				
Feb 2013	721	301	304	8847	10174	12200	22374	546	301	246	1093	8847	12200	22140	1500	715	0	38.1				
Mar 2013	775	332	303	9155	10565	12084	22649	597	332	244	1173	9155	12084	22411	1500	1052	0	37.7				
Apr 2013	783	332	257	9190	10562	12493	23055	601	332	192	1125	9190	12493	22808	1500	1141	0	37.5				

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