

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Bruce Williams
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8571



The operation of Lake Powell and Lake Mead in this July 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 July 24-Month Study projects a Lake Powell WY 2011 annual release volume of 12.45 maf. Due to recent increases to the inflow forecast for Lake Powell, Equalization may not be fully achieved by the end of the water year. The projected Lake Powell releases will be updated each month to reflect changing hydrology in order to achieve the operation specified by the Equalization Tier.

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 June 2011 was 5.283 maf or 172 percent of the 30-year average. The forecast for July 2011 unregulated inflow into Lake Powell is 3.530 maf or 226 percent of the 30-year average. Forecasted 2011 April through July unregulated inflow is 12.0 maf or 151 percent of average.

In this study, the Calendar Year (CY) 2011 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.733 maf. The CY 2011 diversion for the Central Arizona Project (CAP) is forecasted to be 1.603 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.235 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



July 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)
* Jul 2010	134	3	91	22	113	6504.39	333
H Aug 2010	50	2	68	0	68	6501.76	312
I Sep 2010	29	2	26	35	61	6497.33	279
WY 2010	781	14	530	233	763		
S Oct 2010	31	1	5	55	59	6493.24	250
T Nov 2010	34	1	53	1	54	6490.17	229
O Dec 2010	37	1	55	0	55	6487.27	210
R Jan 2011	29	1	55	0	55	6482.87	183
I Feb 2011	26	1	50	0	50	6478.35	158
C Mar 2011	36	1	58	0	58	6473.74	136
A Apr 2011	92	1	84	15	100	6471.99	128
L May 2011	161	1	89	79	168	6470.20	120
* Jun 2011	429	1	87	283	370	6481.96	178
Jul 2011	480	2	104	314	418	6491.48	238
Aug 2011	160	2	106	73	178	6488.36	218
Sep 2011	80	2	38	40	77	6488.52	219
WY 2011	1596	13	784	860	1643		
Oct 2011	70	1	80	0	80	6486.80	207
Nov 2011	50	1	77	0	77	6482.29	180
Dec 2011	32	1	80	0	80	6472.80	131
Jan 2012	30	0	80	0	80	6460.07	81
Feb 2012	28	0	0	72	72	6444.44	37
Mar 2012	52	0	0	80	80	6427.24	8
Apr 2012	89	0	0	83	83	6432.49	14
May 2012	176	1	0	86	86	6466.22	104
Jun 2012	307	2	95	114	210	6485.55	199
Jul 2012	185	2	105	33	138	6492.41	244
Aug 2012	82	2	88	0	88	6491.34	237
Sep 2012	48	2	71	0	71	6487.61	213
WY 2012	1151	11	677	469	1145		
Oct 2012	49	1	73	0	73	6483.53	187
Nov 2012	41	1	71	0	71	6478.13	157
Dec 2012	32	0	73	0	73	6469.15	116
Jan 2013	30	0	73	0	73	6457.30	72
Feb 2013	28	0	0	66	66	6443.14	34
Mar 2013	52	0	0	73	73	6430.73	12
Apr 2013	89	0	0	83	83	6435.15	18
May 2013	176	1	0	104	104	6462.52	90
Jun 2013	307	2	95	83	187	6486.90	208

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 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)
* Jul 2010	151	130	13	96	0	96	131	6027.51	3254	195
H Aug 2010	54	72	12	100	0	100	129	6026.47	3215	135
I Sep 2010	22	54	10	106	0	106	127	6024.83	3154	127
WY 2010	1018	1000	79	1168	1	1169				2764
S Oct 2010	32	60	7	77	0	77	126	6024.21	3131	113
T Nov 2010	31	52	4	63	0	63	125	6023.83	3117	107
O Dec 2010	45	64	2	68	0	68	125	6023.67	3111	114
R Jan 2011	44	70	2	68	0	68	125	6023.69	3112	525
I Feb 2011	36	60	2	67	0	67	125	6023.47	3104	489
C Mar 2011	98	120	3	59	0	59	127	6024.99	3160	181
A Apr 2011	159	166	5	172	0	172	127	6024.71	3150	472
L May 2011	327	334	8	279	47	326	127	6024.73	3150	1108
* Jun 2011	667	608	10	254	173	427	133	6029.11	3315	1554
Jul 2011	615	553	14	293	31	325	142	6034.37	3521	325
Aug 2011	175	193	13	141	0	141	143	6035.29	3558	141
Sep 2011	92	89	12	137	0	137	141	6033.87	3501	137
WY 2011	2323	2370	81	1677	251	1928				5266
Oct 2011	82	92	8	141	0	141	139	6032.48	3446	141
Nov 2011	60	87	4	137	0	137	136	6031.17	3394	137
Dec 2011	36	84	2	141	0	141	134	6029.69	3337	141
Jan 2012	41	91	2	141	0	141	132	6028.37	3287	141
Feb 2012	46	90	2	132	0	132	130	6027.25	3244	132
Mar 2012	104	132	3	141	0	141	130	6026.93	3232	141
Apr 2012	142	136	5	137	0	137	130	6026.79	3227	137
May 2012	265	175	8	171	0	171	130	6026.68	3223	171
Jun 2012	399	301	10	219	0	219	132	6028.52	3292	219
Jul 2012	218	171	14	105	0	105	134	6029.85	3343	105
Aug 2012	96	102	13	105	0	105	134	6029.46	3328	105
Sep 2012	58	81	11	101	0	101	133	6028.68	3298	101
WY 2012	1547	1542	80	1672	0	1672				1672
Oct 2012	59	84	7	105	0	105	132	6027.97	3271	105
Nov 2012	50	80	3	101	0	101	131	6027.33	3247	101
Dec 2012	36	77	2	105	0	105	129	6026.58	3219	105
Jan 2013	41	84	2	105	0	105	129	6026.01	3198	105
Feb 2013	46	84	2	94	0	94	128	6025.69	3186	94
Mar 2013	104	125	3	105	0	105	129	6026.15	3203	105
Apr 2013	142	136	5	101	0	101	130	6026.92	3232	101
May 2013	265	193	8	133	0	133	132	6028.25	3282	133
Jun 2013	399	279	10	211	0	211	134	6029.68	3337	211

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 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)
* Jul 2010	10	20	9320.19	87
H Aug 2010	10	17	9316.06	80
I Sep 2010	6	14	9311.57	72
WY 2010	121	122		
S Oct 2010	7	8	9312.21	73
T Nov 2010	5	5	9312.27	74
O Dec 2010	5	5	9312.71	74
R Jan 2011	5	5	9312.70	74
I Feb 2011	4	4	9312.51	74
C Mar 2011	5	6	9311.89	73
A Apr 2011	7	8	9311.44	72
L May 2011	22	33	9304.21	61
* Jun 2011	65	28	9326.09	98
Jul 2011	33	32	9326.60	99
Aug 2011	13	28	9318.32	84
Sep 2011	9	16	9314.29	77
WY 2011	178	174		
Oct 2011	7	10	9312.71	74
Nov 2011	5	6	9312.33	74
Dec 2011	4	6	9311.40	72
Jan 2012	4	6	9310.28	70
Feb 2012	4	6	9308.88	68
Mar 2012	4	6	9307.76	66
Apr 2012	8	8	9307.97	67
May 2012	27	16	9314.86	78
Jun 2012	43	22	9326.27	99
Jul 2012	20	22	9325.46	97
Aug 2012	10	22	9319.03	85
Sep 2012	7	16	9313.84	76
WY 2012	145	146		
Oct 2012	6	10	9311.53	72
Nov 2012	5	6	9310.85	71
Dec 2012	4	6	9309.89	70
Jan 2013	4	6	9308.76	68
Feb 2013	4	6	9307.45	66
Mar 2013	4	6	9306.31	64
Apr 2013	8	8	9306.53	65
May 2013	27	14	9314.74	78
Jun 2013	43	22	9326.17	99

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 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)
* Jul 2010	50	60	1	98	0	98	7504.17	696
H Aug 2010	56	63	1	92	0	92	7500.54	666
I Sep 2010	23	31	1	86	0	86	7493.54	609
WY 2010	725	727	8	754	6	760		
S Oct 2010	29	29	1	85	0	85	7486.20	552
T Nov 2010	27	27	0	24	0	24	7486.60	555
O Dec 2010	30	29	0	27	0	27	7486.84	557
R Jan 2011	23	23	0	27	0	27	7486.34	553
I Feb 2011	21	21	0	43	0	43	7483.46	532
C Mar 2011	38	39	0	75	0	75	7478.48	495
A Apr 2011	77	78	1	95	0	95	7475.97	477
L May 2011	168	179	1	162	0	162	7478.26	493
* Jun 2011	425	389	1	127	19	146	7508.73	735
Jul 2011	170	169	2	100	0	100	7516.40	803
Aug 2011	68	84	1	121	0	121	7512.06	764
Sep 2011	49	56	1	116	0	116	7504.97	703
WY 2011	1125	1122	8	1001	19	1020		
Oct 2011	44	47	1	82	0	82	7500.67	667
Nov 2011	34	35	0	52	0	52	7498.53	649
Dec 2011	25	27	0	94	0	94	7490.00	581
Jan 2012	24	26	0	79	0	79	7482.99	528
Feb 2012	22	24	0	62	0	62	7477.80	490
Mar 2012	34	36	0	37	0	37	7477.59	489
Apr 2012	73	73	1	48	0	48	7480.90	513
May 2012	212	201	1	102	0	102	7493.70	610
Jun 2012	271	250	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	958	959	9	969	0	969		
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
May 2013	212	199	1	109	0	109	7493.67	610
Jun 2013	271	250	1	67	0	67	7515.22	792

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 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)
* Jul 2010	51	98	1	98	96	0	96	7156.02	114
H Aug 2010	56	92	1	93	93	0	93	7155.83	114
I Sep 2010	23	86	0	87	92	0	92	7148.78	108
WY 2010	773	760	48	807	805	0	805		
S Oct 2010	30	85	1	86	82	0	82	7153.88	112
T Nov 2010	29	24	1	25	26	0	26	7152.79	111
O Dec 2010	30	27	0	28	27	0	27	7153.98	112
R Jan 2011	23	27	0	27	27	0	27	7153.70	112
I Feb 2011	21	43	0	43	44	0	44	7152.08	111
C Mar 2011	38	75	1	75	73	0	73	7154.37	113
A Apr 2011	84	95	7	102	104	0	104	7152.20	111
L May 2011	191	162	23	185	181	0	181	7156.18	114
* Jun 2011	455	146	30	176	170	0	176	7155.72	114
Jul 2011	180	100	10	110	111	0	111	7153.73	112
Aug 2011	72	121	4	125	125	0	125	7153.73	112
Sep 2011	52	116	3	119	119	0	119	7153.73	112
WY 2011	1206	1020	81	1101	1090	0	1096		
Oct 2011	47	82	3	85	85	0	85	7153.73	112
Nov 2011	36	52	2	54	54	0	54	7153.73	112
Dec 2011	27	94	2	96	96	0	96	7153.73	112
Jan 2012	26	79	2	81	81	0	81	7153.73	112
Feb 2012	25	62	3	65	65	0	65	7153.73	112
Mar 2012	38	37	4	41	41	0	41	7153.73	112
Apr 2012	84	48	11	59	59	0	59	7153.73	112
May 2012	237	102	25	127	127	0	127	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	1045	969	86	1056	1056	0	1056		
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
May 2013	237	109	25	134	134	0	134	7153.73	112
Jun 2013	292	67	21	88	88	0	88	7153.73	112

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 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)
* Jul 2010	55	96	4	100	100	0	100	6751.15	16	89	39
H Aug 2010	61	93	5	98	98	0	98	6749.05	16	88	37
I Sep 2010	26	92	3	95	95	0	95	6748.16	16	83	36
WY 2010	859	805	86	891	824	63	890			415	528
S Oct 2010	34	82	4	86	85	0	85	6750.41	16	51	33
T Nov 2010	32	26	4	30	30	0	30	6748.60	16	1	29
O Dec 2010	34	27	4	31	31	0	31	6748.24	16	1	30
R Jan 2011	27	27	4	31	30	1	31	6749.02	16	1	30
I Feb 2011	24	44	3	47	24	23	46	6751.55	17	1	47
C Mar 2011	43	73	5	78	78	0	78	6751.94	17	5	76
A Apr 2011	92	104	8	112	110	2	112	6752.03	17	38	79
L May 2011	204	181	13	195	126	68	194	6753.39	17	63	137
* Jun 2011	516	176	61	237	120	81	237	6752.90	17	62	183
Jul 2011	205	111	25	136	134	2	136	6753.04	17	65	71
Aug 2011	81	125	9	134	134	0	134	6753.04	17	65	69
Sep 2011	59	119	7	126	126	0	126	6753.04	17	55	71
WY 2011	1352	1096	146	1243	1029	176	1241			407	856
Oct 2011	53	85	7	91	91	0	91	6753.04	17	30	61
Nov 2011	42	54	5	60	60	0	60	6753.04	17	0	60
Dec 2011	32	96	5	101	101	0	101	6753.04	17	0	101
Jan 2012	31	81	5	86	86	0	86	6753.04	17	0	86
Feb 2012	29	65	4	69	69	0	69	6753.04	17	0	69
Mar 2012	46	41	7	48	48	0	48	6753.04	17	5	43
Apr 2012	96	59	12	71	71	0	71	6753.04	17	30	41
May 2012	272	127	35	162	134	28	162	6753.04	17	55	107
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	1196	1056	151	1207	1179	28	1207			365	842
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
May 2013	272	134	35	169	134	35	169	6753.04	17	55	114
Jun 2013	330	88	38	126	126	0	126	6753.04	17	60	66

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 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)
*	Jul 2010	12	37	7651.21	90
H	Aug 2010	19	33	7645.00	75
I	Sep 2010	10	26	7637.70	59
WY 2010		210	196		
S	Oct 2010	12	13	7636.95	58
T	Nov 2010	7	2	7639.20	63
O	Dec 2010	6	2	7641.20	67
R	Jan 2011	5	2	7642.53	70
I	Feb 2011	4	2	7643.62	72
C	Mar 2011	7	2	7645.67	77
A	Apr 2011	22	4	7653.10	95
L	May 2011	44	27	7659.70	111
*	Jun 2011	79	64	7664.94	125
	Jul 2011	21	42	7656.82	104
	Aug 2011	16	38	7647.74	82
	Sep 2011	15	30	7640.88	66
WY 2011		237	227		
	Oct 2011	12	16	7639.16	63
	Nov 2011	8	2	7641.90	68
	Dec 2011	6	2	7643.69	72
	Jan 2012	5	2	7645.08	75
	Feb 2012	5	2	7646.28	78
	Mar 2012	8	3	7648.33	83
	Apr 2012	22	3	7655.98	102
	May 2012	69	57	7660.61	114
	Jun 2012	78	67	7664.37	124
	Jul 2012	31	41	7660.19	113
	Aug 2012	19	38	7652.80	94
	Sep 2012	17	29	7647.81	82
WY 2012		280	261		
	Oct 2012	14	13	7648.03	82
	Nov 2012	8	6	7649.01	85
	Dec 2012	6	5	7649.58	86
	Jan 2013	5	3	7650.43	88
	Feb 2013	5	3	7651.21	90
	Mar 2013	8	3	7653.15	95
	Apr 2013	22	10	7657.63	106
	May 2013	69	65	7659.15	110
	Jun 2013	78	66	7663.23	121

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 2011 24-Month Study

Most Probable Inflow*
Navajo Reservoir



Date	Mod Unreg Inflow (1000 Ac-Ft)	Az etea 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)	Famington Flow (1000 Ac-Ft)
* Jul 2010	15	2	39	5	47	58	6069.52	1474	72
H Aug 2010	39	2	52	4	35	41	6067.48	1446	69
I Sep 2010	24	1	39	3	25	45	6064.97	1412	57
WY 2010	855	89	753	29	202	423			802
S Oct 2010	24	0	26	2	8	36	6063.49	1393	46
T Nov 2010	17	0	12	1	1	29	6062.08	1374	46
O Dec 2010	23	0	19	1	1	30	6061.11	1362	42
R Jan 2011	16	0	13	1	1	31	6059.58	1342	50
I Feb 2011	18	0	15	1	1	28	6058.41	1328	45
C Mar 2011	41	2	35	2	4	31	6058.28	1326	46
A Apr 2011	115	14	84	2	19	31	6060.75	1357	44
L May 2011	172	22	134	4	28	32	6066.13	1428	79
* Jun 2011	252	43	193	4	42	113	6068.65	1462	298
Jul 2011	36	4	53	5	45	35	6066.34	1431	35
Aug 2011	25	2	45	4	38	54	6062.52	1380	54
Sep 2011	32	1	46	3	22	32	6061.72	1370	32
WY 2011	772	87	676	28	210	481			816
Oct 2011	34	0	37	2	8	31	6061.48	1367	31
Nov 2011	30	0	24	1	0	30	6060.98	1360	30
Dec 2011	24	0	20	1	0	31	6060.07	1349	31
Jan 2012	22	0	19	1	0	31	6059.06	1336	31
Feb 2012	30	0	28	1	0	28	6058.97	1335	28
Mar 2012	88	1	83	2	4	52	6060.97	1360	52
Apr 2012	174	16	138	3	17	56	6065.84	1424	56
May 2012	279	35	231	4	29	121	6071.50	1501	121
Jun 2012	246	27	208	5	44	182	6069.89	1479	182
Jul 2012	74	4	81	5	47	37	6069.35	1472	37
Aug 2012	43	2	60	4	40	42	6067.49	1446	42
Sep 2012	42	1	53	3	22	36	6066.89	1438	36
WY 2012	1087	85	983	29	210	675			675
Oct 2012	40	0	40	2	8	31	6066.83	1437	31
Nov 2012	33	0	31	1	0	30	6066.82	1437	30
Dec 2012	24	0	22	1	0	31	6066.15	1428	31
Jan 2013	22	0	20	1	0	31	6065.27	1416	31
Feb 2013	30	0	29	1	0	27	6065.32	1417	27
Mar 2013	88	1	83	2	4	31	6068.73	1463	31
Apr 2013	174	16	146	3	17	34	6075.32	1556	34
May 2013	279	35	239	4	29	200	6075.73	1562	200
Jun 2013	246	27	208	5	44	212	6072.03	1509	212

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 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)
* Jul 2010	674	706	65	802	0	802	3636.52	18081	15596	824
H Aug 2010	504	608	64	802	0	802	3634.55	18050	15369	826
I Sep 2010	277	461	58	480	0	480	3633.66	18075	15267	490
WY 2010	8634	8674	444	8234	0	8235				8419
S Oct 2010	362	512	41	495	0	495	3634.08	18003	15315	502
T Nov 2010	438	474	39	810	0	810	3630.31	18056	14888	826
O Dec 2010	416	446	30	847	0	847	3626.54	18044	14469	865
R Jan 2011	381	429	9	997	0	997	3620.55	18113	13822	1015
I Feb 2011	317	377	10	964	0	964	3614.95	18103	13235	984
C Mar 2011	579	581	16	1033	0	1033	3610.73	18066	12804	1055
A Apr 2011	977	937	25	940	0	940	3611.93	17917	12926	965
L May 2011	2178	2205	30	1171	0	1171	3623.13	17749	14098	1207
* Jun 2011	5408	4866	54	1377	0	1377	3648.98	18193	17089	1419
Jul 2011	3530	3218	73	1465	0	1465	3661.16	18317	18645	1465
Aug 2011	950	1038	75	1465	0	1465	3657.60	18280	18181	1465
Sep 2011	670	805	68	883	0	883	3656.55	18270	18045	883
WY 2011	16206	15888	468	12447	0	12447				12650
Oct 2011	671	773	47	912	0	912	3655.22	18256	17874	912
Nov 2011	603	698	44	1200	0	1200	3651.22	18215	17368	1200
Dec 2011	414	596	34	1400	0	1400	3644.92	18153	16591	1400
Jan 2012	384	548	11	1120	0	1120	3640.41	18110	16052	1120
Feb 2012	398	522	11	800	0	800	3638.13	18089	15784	800
Mar 2012	628	636	19	800	0	800	3636.68	18075	15615	800
Apr 2012	950	834	29	1054	0	1054	3634.69	18057	15384	1054
May 2012	2161	1864	35	1150	0	1150	3640.08	18107	16013	1150
Jun 2012	2811	2434	57	1100	0	1100	3649.84	18202	17195	1100
Jul 2012	1346	1234	70	1150	0	1150	3649.94	18203	17208	1150
Aug 2012	566	675	69	1080	0	1080	3646.38	18167	16789	1080
Sep 2012	460	596	63	714	0	714	3645.00	18154	16601	714
WY 2012	11391	11411	490	12480	0	12480				12480
Oct 2012	514	593	43	738	0	738	3643.55	18140	16427	738
Nov 2012	523	581	41	600	0	600	3643.09	18136	16371	600
Dec 2012	414	552	33	800	0	800	3640.91	18115	16110	800
Jan 2013	384	511	10	800	0	800	3638.56	18093	15834	800
Feb 2013	398	475	11	800	0	800	3635.88	18068	15522	800
Mar 2013	628	578	19	600	0	600	3635.56	18065	15484	600
Apr 2013	950	777	29	850	0	850	3634.73	18057	15390	850
May 2013	2161	1911	35	1000	0	1000	3641.67	18122	16201	1000
Jun 2013	2811	2456	58	1120	0	1120	3651.35	18217	17385	1120

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 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)
* Jul 2010	802	29	68	941	15.3	33	937	673	1086.97	10357
H Aug 2010	802	126	72	829	13.5	33	823	673	1086.91	10352
I Sep 2010	480	82	59	758	12.7	23	755	656	1083.81	10092
WY 2010	8235	928	564	9260		235	9039			
S Oct 2010	495	80	42	638	10.4	24	607	648	1082.36	9971
T Nov 2010	810	13	42	800	13.4	18	795	646	1081.94	9936
O Dec 2010	847	248	37	660	10.7	9	630	670	1086.30	10301
R Jan 2011	997	74	31	540	8.8	8	526	700	1091.73	10765
I Feb 2011	964	84	29	635	11.4	9	616	723	1095.78	11117
C Mar 2011	1033	77	33	1006	16.4	15	1002	726	1096.39	11170
A Apr 2011	940	140	40	1078	18.1	20	1066	722	1095.76	11115
L May 2011	1171	104	47	1001	16.3	25	997	735	1097.90	11304
* Jun 2011	1377	73	57	939	15.8	26	939	761	1102.38	11705
Jul 2011	1465	50	73	982	16.0	25	982	787	1106.86	12114
Aug 2011	1465	109	79	830	13.5	27	830	826	1113.26	12713
Sep 2011	883	70	67	643	10.8	18	643	840	1115.48	12924
WY 2011	12447	1121	577	9752		223	9634			
Oct 2011	912	59	49	461	7.5	23	461	867	1119.75	13336
Nov 2011	1200	48	50	630	10.6	22	630	900	1124.98	13849
Dec 2011	1400	99	45	535	8.7	17	535	955	1133.34	14697
Jan 2012	1120	76	37	708	11.5	20	708	982	1137.24	15101
Feb 2012	800	92	35	729	12.7	18	729	988	1138.22	15205
Mar 2012	800	80	39	1033	16.8	24	1033	975	1136.28	15002
Apr 2012	1054	60	48	1156	19.4	20	1156	968	1135.29	14898
May 2012	1150	49	55	993	16.2	31	993	976	1136.37	15011
Jun 2012	1100	23	67	860	14.5	26	860	986	1137.89	15170
Jul 2012	1150	50	84	901	14.7	28	901	997	1139.55	15345
Aug 2012	1080	109	90	822	13.4	31	822	1012	1141.72	15575
Sep 2012	714	70	75	676	11.4	22	676	1013	1141.82	15586
WY 2012	12480	815	675	9503		282	9503			
Oct 2012	738	59	55	463	7.5	26	463	1028	1144.03	15823
Nov 2012	600	48	55	573	9.6	25	573	1028	1143.98	15818
Dec 2012	800	99	48	558	9.1	21	558	1045	1146.33	16074
Jan 2013	800	76	40	709	11.5	20	709	1051	1147.25	16175
Feb 2013	800	92	36	715	12.9	18	715	1059	1148.29	16289
Mar 2013	600	80	41	1053	17.1	24	1053	1032	1144.54	15878
Apr 2013	850	60	50	1142	19.2	20	1142	1014	1141.91	15595
May 2013	1000	49	57	1031	16.8	31	1031	1009	1141.30	15530
Jun 2013	1120	23	68	958	16.1	26	958	1015	1142.09	15614

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 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)
* Jul 2010	941	-14	26	913	0	913	14.8	643.57	1714
H Aug 2010	829	-12	23	838	0	838	13.6	641.95	1670
I Sep 2010	758	-2	18	833	0	833	14.0	638.40	1575
WY 2010	9260	-172	197	8816	0	8816			
S Oct 2010	638	6	15	766	0	766	12.5	633.10	1437
T Nov 2010	800	-29	10	831	0	831	10.6	638.09	1567
O Dec 2010	660	-15	9	553	0	553	9.0	641.21	1650
R Jan 2011	540	-7	10	502	0	502	8.2	641.95	1670
I Feb 2011	635	-10	10	586	0	586	10.5	643.01	1699
C Mar 2011	1006	-11	13	976	0	976	15.9	643.23	1705
A Apr 2011	1078	-13	17	1047	0	1047	17.6	643.30	1707
L May 2011	1001	-10	22	949	0	949	15.4	644.04	1727
* Jun 2011	939	-9	25	954	0	954	16.0	642.27	1678
Jul 2011	982	1	25	951	0	951	15.5	642.50	1685
Aug 2011	830	-5	23	816	0	816	13.3	642.00	1671
Sep 2011	643	1	18	733	0	733	12.3	638.00	1564
WY 2011	9752	-101	198	9464	0	9464			
Oct 2011	461	3	15	579	0	579	9.4	633.00	1434
Nov 2011	630	-10	10	559	0	559	9.4	635.00	1486
Dec 2011	535	-13	9	415	0	415	6.8	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	9503	-91	197	9215	0	9215			
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	709	-17	10	600	0	600	9.8	641.80	1666
Feb 2013	715	-6	10	700	0	700	12.6	641.80	1666
Mar 2013	1053	-15	13	991	0	991	16.1	643.05	1700
Apr 2013	1142	-15	17	1111	0	1111	18.7	643.00	1699
May 2013	1031	-10	22	998	0	998	16.2	643.00	1699
Jun 2013	958	-6	25	954	0	954	16.0	642.00	1671

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 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)
*	Jul 2010	913	17	17	743	12.1	107	50	448.81	592	126	2.1
H	Aug 2010	838	21	17	646	10.5	108	84	448.20	584	101	1.6
I	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	
S	Oct 2010	766	25	12	465	7.6	102	166	449.14	602	106	1.7
T	Nov 2010	631	38	9	428	7.2	98	159	447.59	572	114	1.9
O	Dec 2010	553	33	7	290	4.7	93	183	448.10	582	147	2.4
R	Jan 2011	502	8	6	391	6.4	52	89	446.40	550	141	2.3
I	Feb 2011	586	15	8	415	7.5	22	135	447.29	567	173	3.1
C	Mar 2011	976	1	9	694	11.3	71	181	448.06	581	199	3.2
A	Apr 2011	1047	19	11	786	13.2	71	180	448.54	590	204	3.4
L	May 2011	949	17	13	691	11.2	83	166	448.68	593	115	1.9
*	Jun 2011	954	13	15	708	11.9	95	155	447.73	575	120	2.0
	Jul 2011	951	15	17	762	12.4	99	69	448.00	580	121	2.0
	Aug 2011	816	18	17	630	10.2	99	76	448.00	580	93	1.5
	Sep 2011	733	15	15	532	8.9	96	119	446.81	557	89	1.5
	WY 2011	9464	216	140	6792		981	1677			1622	
	Oct 2011	579	20	12	439	7.1	18	131	446.31	548	68	1.1
	Nov 2011	559	26	8	379	6.4	13	174	446.50	552	109	1.8
	Dec 2011	415	21	6	282	4.6	14	128	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	9215	199	139	6670		865	1631			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	600	15	6	356	5.8	106	142	446.50	552	122	2.0
	Feb 2013	700	6	8	461	8.3	96	136	446.50	552	153	2.8
	Mar 2013	991	22	9	708	11.5	106	179	446.70	555	208	3.4
	Apr 2013	1111	18	11	796	13.4	103	173	448.70	593	200	3.4
	May 2013	998	13	13	703	11.4	106	179	448.70	593	111	1.8
	Jun 2013	954	9	16	676	11.4	103	156	448.70	593	112	1.9

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 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
* Jul 2010	941	15.3	1086.97	10357	-198	441.50	1640.0	360.3	100	382.9
H Aug 2010	829	13.5	1086.91	10352	-5	443.45	1617.0	313.3	100	378.0
I Sep 2010	758	12.7	1083.81	10092	-261	439.46	1617.0	285.1	100	375.9
WY 2010	9260							3588.7		
S Oct 2010	638	10.4	1082.36	9971	-121	440.25	1104.0	241.3	68	378.5
T Nov 2010	800	13.4	1081.94	9938	-35	437.87	1185.0	305.1	74	381.4
O Dec 2010	660	10.7	1086.30	10301	365	439.05	1388.0	246.5	87	373.5
R Jan 2011	540	8.8	1091.73	10765	463	446.84	1103.0	200.9	69	372.4
I Feb 2011	635	11.4	1095.78	11117	353	447.78	1414.0	244.7	88	385.7
C Mar 2011	1006	16.4	1096.39	11170	54	449.79	1232.0	398.2	75	395.8
A Apr 2011	1078	18.1	1095.76	11115	-55	449.53	1157.0	430.9	70	399.6
L May 2011	1001	16.3	1097.90	11304	189	452.71	1468.0	394.5	88	393.9
* Jun 2011	939	15.8	1102.38	11705	401	457.87	1661.0	372.1	100	396.2
Jul 2011	982	16.0	1106.86	12114	409	451.34	1698.0	400.2	100	407.6
Aug 2011	830	13.5	1113.26	12713	598	456.84	1774.0	342.1	100	412.2
Sep 2011	643	10.8	1115.48	12924	211	462.59	1787.0	260.0	100	404.3
WY 2011	9752							3836.7		
Oct 2011	461	7.5	1119.75	13336	412	470.21	1465.0	189.2	81	410.7
Nov 2011	630	10.6	1124.98	13849	513	477.46	1342.0	263.8	73	418.7
Dec 2011	535	8.7	1133.34	14697	848	482.17	1409.0	222.1	75	415.1
Jan 2012	708	11.5	1137.24	15101	405	486.83	1303.0	306.3	68	432.8
Feb 2012	729	12.7	1138.22	15205	103	488.25	1314.0	320.9	68	440.0
Mar 2012	1033	16.8	1136.28	15002	-203	485.86	1566.0	450.1	81	435.8
Apr 2012	1156	19.4	1135.29	14898	-103	483.31	1676.0	509.8	88	441.2
May 2012	993	16.2	1136.37	15011	112	481.98	1914.0	421.7	100	424.4
Jun 2012	860	14.5	1137.89	15170	159	483.60	1923.0	375.3	100	436.4
Jul 2012	901	14.7	1139.55	15345	175	485.68	1935.0	386.9	100	429.3
Aug 2012	822	13.4	1141.72	15575	230	487.76	1950.0	358.0	100	435.4
Sep 2012	676	11.4	1141.82	15586	10	490.04	1951.0	288.4	100	427.0
WY 2012	9503							4092.4		
Oct 2012	463	7.5	1144.03	15823	237	494.30	1790.0	197.1	91	425.3
Nov 2012	573	9.6	1143.98	15818	-5	498.48	1540.0	248.0	78	432.7
Dec 2012	558	9.1	1146.33	16074	256	498.13	1472.4	239.3	75	428.8
Jan 2013	709	11.5	1147.25	16175	101	498.31	1336.2	312.8	68	441.2
Feb 2013	715	12.9	1148.29	16289	115	498.28	1336.4	320.8	68	448.5
Mar 2013	1053	17.1	1144.54	15878	-411	495.00	1601.7	467.8	81	444.2
Apr 2013	1142	19.2	1141.91	15595	-283	490.72	1726.8	509.4	88	446.2
May 2013	1031	16.8	1141.30	15530	-65	487.73	1973.0	444.7	100	431.4
Jun 2013	958	16.1	1142.09	15614	85	488.15	1973.0	410.6	100	428.7

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 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
* Jul 2010	913	14.8	643.57	1714	-11	141.98	242.3	115.3	95	126.4
H Aug 2010	838	13.6	641.95	1670	-44	140.67	255.0	105.9	100	126.4
I Sep 2010	833	14.0	638.40	1575	-95	137.24	255.0	102.6	100	123.1
WY 2010	8816							1104.5		
S Oct 2010	766	12.5	633.10	1437	-138	129.52	209.1	92.1	82	120.2
T Nov 2010	631	10.6	638.09	1567	130	137.83	153.0	77.2	60	122.5
O Dec 2010	553	9.0	641.21	1650	84	141.87	168.3	67.8	66	122.6
R Jan 2011	502	8.2	641.95	1670	20	140.42	153.0	63.3	60	125.9
I Feb 2011	586	10.5	643.01	1699	29	139.78	181.1	73.6	71	125.6
C Mar 2011	976	15.9	643.23	1705	6	138.82	204.0	123.0	80	126.0
A Apr 2011	1047	17.6	643.30	1707	2	141.68	227.0	131.6	89	125.7
L May 2011	949	15.4	644.04	1727	20	142.61	255.0	120.3	100	126.8
* Jun 2011	954	16.0	642.27	1679	-48	140.41	249.9	120.6	98	126.4
Jul 2011	951	15.5	642.50	1685	6	135.40	255.0	118.5	100	124.6
Aug 2011	816	13.3	642.00	1671	-14	135.25	255.0	102.2	100	125.2
Sep 2011	733	12.3	638.00	1564	-107	132.89	255.0	90.5	100	123.5
WY 2011	9464							1180.5		
Oct 2011	579	9.4	633.00	1434	-130	128.65	237.2	69.7	93	120.5
Nov 2011	559	9.4	635.00	1486	51	127.14	234.6	66.5	92	119.1
Dec 2011	415	6.8	638.71	1583	97	130.00	239.7	51.0	94	122.7
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	9215							1141.1		
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	600	9.8	641.80	1666	83	134.16	219.3	74.7	86	124.6
Feb 2013	700	12.6	641.80	1666	0	135.05	244.8	87.5	96	125.0
Mar 2013	991	16.1	643.05	1700	34	135.44	255.0	123.3	100	124.4
Apr 2013	1111	18.7	643.00	1699	-2	136.07	255.0	138.1	100	124.2
May 2013	998	16.2	643.00	1699	0	136.04	255.0	124.7	100	124.9
Jun 2013	954	16.0	642.00	1671	-27	135.51	255.0	118.8	100	124.5

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 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
* Jul 2010	743	12.1	448.81	592	-1	82.51	120.0	50.9	100	68.4
H Aug 2010	646	10.5	448.20	584	-8	81.98	120.0	44.7	100	69.2
I Sep 2010	583	9.8	446.95	560	-24	80.89	103.2	41.6	86	71.4
WY 2010	6298							436.8		
S Oct 2010	465	7.6	449.14	602	42	82.79	90.0	31.4	75	67.4
T Nov 2010	428	7.2	447.59	572	-30	79.41	91.2	30.4	76	71.1
O Dec 2010	290	4.7	448.10	582	10	82.60	104.4	19.7	87	67.9
R Jan 2011	391	6.4	446.40	550	-32	80.10	97.2	26.8	81	68.6
I Feb 2011	415	7.5	447.29	567	17	76.83	90.0	29.3	75	70.7
C Mar 2011	694	11.3	448.06	581	15	80.18	112.8	47.4	94	68.4
A Apr 2011	786	13.2	448.54	590	9	82.13	120.0	54.4	100	69.1
L May 2011	691	11.2	448.68	593	3	80.58	120.0	47.9	100	69.3
* Jun 2011	708	11.9	447.73	575	-18	81.68	114.0	49.9	95	70.4
Jul 2011	762	12.4	448.00	580	5	75.34	117.6	50.4	98	66.1
Aug 2011	630	10.2	448.00	580	0	75.37	120.0	41.4	100	65.7
Sep 2011	532	8.9	446.81	557	-23	74.79	120.0	34.6	100	65.0
WY 2011	6792							463.5		
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
May 2013	703	11.4	448.70	593	0	76.05	120.0	46.7	100	66.5
Jun 2013	676	11.4	448.70	593	0	76.05	120.0	44.9	100	66.5

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 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
* Jul 2010	368	38	30	34	20	8
H Aug 2010	366	40	27	33	19	6
I Sep 2010	217	42	25	32	19	2
Summer 2010	1755	231	142	186	109	25
S Oct 2010	226	30	24	29	16	0
T Nov 2010	369	24	7	9	4	4
O Dec 2010	382	26	8	9	4	4
R Jan 2011	445	26	8	9	4	4
I Feb 2011	425	26	12	15	4	3
C Mar 2011	453	23	21	26	15	4
Winter 2011	2299	156	79	97	48	19
A Apr 2011	415	65	26	37	21	5
L May 2011	520	105	44	66	23	5
* Jun 2011	634	98	36	61	23	5
Jul 2011	644	108	31	40	23	8
Aug 2011	648	52	38	45	23	9
Sep 2011	389	51	36	43	22	3
Summer 2011	3250	480	212	291	135	36
Oct 2011	401	52	25	31	16	7
Nov 2011	525	50	16	20	10	6
Dec 2011	607	52	28	35	18	6
Jan 2012	481	52	23	29	15	5
Feb 2012	341	48	18	23	12	0
Mar 2012	340	52	11	15	8	0
Winter 2012	2694	307	120	152	79	23
Apr 2012	446	50	14	21	12	0
May 2012	489	63	30	46	23	0
Jun 2012	474	80	21	32	22	7
Jul 2012	500	38	35	42	23	9
Aug 2012	468	38	38	45	23	7
Sep 2012	308	37	35	42	21	6
Summer 2012	2685	306	172	228	125	29
Oct 2012	318	38	22	27	14	6
Nov 2012	258	37	12	16	8	5
Dec 2012	343	38	26	32	16	5
Jan 2013	341	38	23	29	15	4
Feb 2013	340	34	16	21	11	0
Mar 2013	254	38	10	14	8	0
Winter 2013	1599	186	98	124	64	20
Apr 2013	360	37	14	21	12	0
May 2013	425	48	32	48	23	0
Jun 2013	484	77	21	32	22	7

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 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 ****											
Jul 2011	601	95	234	7233	8163	15672	23835	290	70	18	379	7233	15672	23284	1500	982	0	39.2	
**** CREDITABLE SPACE ****								**** EFFECTIVE SPACE ****											
Aug 2011	335	27	265	5677	6305	15263	21567	335	27	265	628	5677	15263	21567	1500	830	0	39.3	
Sep 2011	319	66	316	6141	6841	14664	21506	319	66	316	700	6141	14664	21506	2270	643	0	39.1	
Oct 2011	375	127	326	6277	7104	14453	21557	375	127	326	827	6277	14453	21557	3040	461	0	39.1	
Nov 2011	441	163	329	6448	7381	14041	21422	441	163	329	933	6448	14041	21422	3810	630	0	39.0	
Dec 2011	520	180	336	6954	7990	13528	21518	520	180	336	1036	6954	13528	21518	4580	535	0	39.0	
Jan 2012	625	248	347	7731	8952	12680	21632	625	248	347	1221	7731	12680	21632	5350	708	0	38.8	
**** EFFECTIVE SPACE ****								**** EFFECTIVE SPACE ****											
Jan 2012	625	248	347	7731	8952	12680	21632	168	248	282	698	7731	12680	21110	5350	708	0	38.8	
Feb 2012	726	302	360	8270	9658	12276	21933	269	302	294	864	8270	12276	21410	1500	729	0	38.5	
Mar 2012	813	339	361	8538	10052	12172	22224	355	339	294	989	8538	12172	21699	1500	1033	0	38.2	
Apr 2012	854	341	336	8707	10237	12375	22613	393	341	263	997	8707	12375	22079	1500	1156	0	38.0	
May 2012	853	317	272	8938	10379	12479	22858	387	317	180	884	8938	12479	22300	1500	993	0	39.0	
Jun 2012	768	219	195	8309	9490	12366	21857	294	214	70	578	8309	12366	21254	1500	860	0	40.6	
Jul 2012	602	38	217	7127	7984	12207	20191	114	11	44	168	7127	12207	19502	1500	901	0	40.9	
**** CREDITABLE SPACE ****								**** EFFECTIVE SPACE ****											
Aug 2012	506	27	224	7114	7872	12032	19904	506	27	224	758	7114	12032	19904	1500	822	0	40.6	
Sep 2012	529	77	250	7553	8409	11802	20210	529	77	250	855	7553	11802	20210	2270	676	0	40.1	
Oct 2012	583	146	258	7721	8708	11791	20499	583	146	258	987	7721	11791	20499	3040	463	0	40.0	
Nov 2012	636	178	259	7895	8968	11554	20522	636	178	259	1072	7895	11554	20522	3810	573	0	39.9	
Dec 2012	690	187	259	7951	9087	11559	20646	690	187	259	1136	7951	11559	20646	4580	558	0	39.9	
Jan 2013	759	248	268	8212	9487	11303	20790	759	248	268	1275	8212	11303	20790	5350	709	0	39.6	
**** EFFECTIVE SPACE ****								**** EFFECTIVE SPACE ****											
Jan 2013	759	248	268	8212	9487	11303	20790	368	248	235	851	8212	11303	20366	5350	709	0	39.6	
Feb 2013	824	301	280	8488	9894	11202	21096	432	301	246	979	8488	11202	20669	1500	715	0	39.4	
Mar 2013	875	332	279	8800	10285	11088	21373	480	332	244	1056	8800	11088	20943	1500	1053	0	39.0	
Apr 2013	879	332	233	8838	10282	11499	21781	481	332	192	1005	8838	11499	21342	1500	1142	0	38.8	
May 2013	844	308	140	8932	10225	11782	22007	440	308	80	828	8932	11782	21542	1500	1031	0	39.8	
Jun 2013	722	219	134	8121	9197	11847	21044	307	215	41	563	8121	11847	20532	1500	958	0	41.3	

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