

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
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The operation of Lake Powell and Lake Mead in this July 2012 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 2012 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2011 24-Month Study projections of the January 1, 2012 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2012.

Consistent with Section 6.A of the Interim Guidelines, the Lake Powell operational tier for water year 2012 is the Equalization Tier. The July 2012 24-Month Study projects the water year release volume from Lake Powell for 2012 to be 9.46 maf.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2012.

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

The 2012 AOP is available for download at <http://www.usbr.gov/lc/region/q4000/aop/AOP12.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 2012 was 0.354 maf or 13 percent of the 30-year average from 1981 to 2010. The forecast for July 2012 unregulated inflow into Lake Powell is 0.100 maf or 9 percent of the 30-year average. The forecasted 2012 April through July unregulated inflow is 2.01 maf or 28 percent of average.

In this study, the Calendar Year (CY) 2012 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.703 maf. The CY 2012 diversion for the Central Arizona Project (CAP) is forecasted to be 1.554 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.242 maf for CY 2012.

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 2012 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 2011	539	2	110	313	424	6498.87	290
H Aug 2011	118	2	88	1	89	6502.38	317
I Sep 2011	49	2	66	0	66	6499.90	298
WY 2011	1581	14	801	747	1549		
S Oct 2011	50	1	56	18	74	6496.55	273
T Nov 2011	46	1	22	49	71	6492.84	247
O Dec 2011	35	1	74	0	74	6486.86	207
R Jan 2012	32	1	74	0	74	6479.61	165
I Feb 2012	30	0	69	0	69	6471.56	126
C Mar 2012	64	0	67	0	67	6470.82	123
A Apr 2012	98	1	60	0	60	6478.72	160
L May 2012	130	1	61	0	62	6489.92	227
* Jun 2012	189	2	83	16	99	6502.11	315
Jul 2012	60	3	67	0	67	6500.89	306
Aug 2012	38	2	62	0	62	6497.43	280
Sep 2012	35	2	60	0	60	6493.76	254
WY 2012	807	15	753	84	836		
Oct 2012	41	1	61	0	61	6490.61	232
Nov 2012	39	1	60	0	60	6487.31	211
Dec 2012	32	1	61	0	61	6482.42	180
Jan 2013	30	1	61	0	61	6476.48	149
Feb 2013	28	0	56	0	56	6470.30	120
Mar 2013	53	0	61	0	61	6468.07	111
Apr 2013	85	1	83	0	83	6468.64	113
May 2013	164	1	98	6	104	6480.94	172
Jun 2013	299	2	103	65	167	6500.38	302
Jul 2013	178	3	101	33	134	6505.66	343
Aug 2013	77	2	88	0	88	6503.98	330
Sep 2013	46	2	70	0	70	6500.65	304
WY 2013	1071	15	902	104	1006		
Oct 2013	49	1	72	0	72	6497.40	280
Nov 2013	42	1	69	0	69	6493.48	252
Dec 2013	32	1	72	0	72	6487.43	211
Jan 2014	30	1	72	0	72	6480.47	169
Feb 2014	28	0	74	0	74	6470.84	123
Mar 2014	53	0	76	0	76	6465.01	99
Apr 2014	85	1	89	0	89	6463.91	95
May 2014	164	1	95	27	122	6473.69	135
Jun 2014	299	2	100	72	171	6494.85	261

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 2012 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 2011	771	656	14	263	94	357	144	6036.07	3590	905
H	Aug 2011	144	115	13	148	0	148	142	6034.95	3544	246
I	Sep 2011	58	76	11	144	0	144	139	6033.03	3467	200
	WY 2011	2414	2381	80	1661	314	1975				5234
S	Oct 2011	74	97	7	120	0	121	138	6032.27	3437	187
T	Nov 2011	64	89	4	88	0	88	138	6032.21	3435	144
O	Dec 2011	38	77	2	108	0	108	137	6031.41	3404	146
R	Jan 2012	45	87	2	148	0	148	134	6029.85	3343	187
I	Feb 2012	47	86	2	140	0	140	132	6028.43	3289	186
C	Mar 2012	104	107	3	162	0	162	130	6026.95	3233	285
A	Apr 2012	136	98	5	122	0	122	129	6026.21	3205	331
L	May 2012	153	85	8	159	19	178	125	6023.57	3108	385
*	Jun 2012	188	98	10	87	0	87	125	6023.59	3108	156
	Jul 2012	60	67	13	92	0	92	124	6022.57	3071	92
	Aug 2012	38	62	12	92	0	92	122	6021.44	3031	92
	Sep 2012	37	62	10	77	0	77	121	6020.73	3005	77
	WY 2012	984	1013	79	1396	20	1415				2269
	Oct 2012	46	67	7	61	0	61	121	6020.68	3004	61
	Nov 2012	46	66	3	52	0	52	121	6020.98	3014	52
	Dec 2012	35	64	2	54	0	54	122	6021.22	3023	54
	Jan 2013	40	72	2	54	0	54	122	6021.65	3038	54
	Feb 2013	45	72	2	49	0	49	123	6022.23	3059	49
	Mar 2013	102	111	3	52	0	52	125	6023.72	3113	52
	Apr 2013	134	131	5	51	0	51	128	6025.68	3185	51
	May 2013	245	185	8	129	0	129	130	6026.94	3233	129
	Jun 2013	390	258	10	230	0	230	131	6027.39	3249	230
	Jul 2013	210	166	13	92	0	92	133	6028.92	3308	92
	Aug 2013	89	100	13	92	0	92	133	6028.79	3303	92
	Sep 2013	55	79	11	89	0	89	132	6028.25	3282	89
	WY 2013	1436	1371	78	1005	0	1005				1005
	Oct 2013	59	82	7	92	0	92	131	6027.81	3265	92
	Nov 2013	51	78	3	89	0	89	131	6027.45	3252	89
	Dec 2013	35	74	2	92	0	92	130	6026.95	3233	92
	Jan 2014	40	82	2	92	0	92	130	6026.63	3221	92
	Feb 2014	45	91	2	83	0	83	130	6026.77	3226	83
	Mar 2014	102	126	3	126	0	126	130	6026.68	3223	126
	Apr 2014	134	137	5	122	0	122	130	6026.94	3233	122
	May 2014	245	204	8	143	0	143	132	6028.29	3284	143
	Jun 2014	390	262	10	224	0	224	133	6028.99	3310	224

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 2012 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 2011	37	39	9325.07	96
H	Aug 2011	12	24	9318.44	84
I	Sep 2011	7	20	9310.68	71
	WY 2011	179	181		
S	Oct 2011	7	9	9309.52	69
T	Nov 2011	5	6	9309.15	69
O	Dec 2011	4	6	9307.93	67
R	Jan 2012	4	5	9307.37	66
I	Feb 2012	4	4	9307.22	66
C	Mar 2012	6	4	9308.28	67
A	Apr 2012	10	4	9311.81	73
L	May 2012	16	8	9316.40	81
*	Jun 2012	9	15	9312.87	75
	Jul 2012	5	16	9305.89	64
	Aug 2012	4	18	9295.71	50
	Sep 2012	4	12	9288.66	41
	WY 2012	78	107		
	Oct 2012	5	6	9287.26	40
	Nov 2012	4	5	9287.05	40
	Dec 2012	5	5	9287.22	40
	Jan 2013	4	5	9287.08	40
	Feb 2013	4	5	9286.40	39
	Mar 2013	4	5	9286.35	39
	Apr 2013	9	5	9290.32	43
	May 2013	28	8	9305.82	63
	Jun 2013	42	15	9321.75	90
	Jul 2013	20	18	9322.90	92
	Aug 2013	10	20	9317.58	83
	Sep 2013	7	16	9312.53	74
	WY 2013	143	110		
	Oct 2013	7	10	9310.47	71
	Nov 2013	5	6	9309.91	70
	Dec 2013	5	6	9309.07	68
	Jan 2014	4	6	9308.01	67
	Feb 2014	4	6	9306.57	65
	Mar 2014	4	6	9305.53	63
	Apr 2014	9	6	9307.36	66
	May 2014	28	14	9316.12	80
	Jun 2014	42	21	9327.29	101

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 2012 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 2011	222	222	2	150	0	150	7516.80	806
H Aug 2011	67	79	1	123	0	123	7511.67	760
I Sep 2011	35	48	1	108	0	108	7504.54	699
WY 2011	1162	1163	8	1046	19	1065		
S Oct 2011	36	38	1	93	0	93	7497.84	644
T Nov 2011	29	29	0	37	0	37	7496.82	635
O Dec 2011	24	26	0	87	0	87	7489.07	574
R Jan 2012	22	23	0	52	0	52	7485.29	545
I Feb 2012	21	22	0	34	0	34	7483.66	533
C Mar 2012	40	39	0	32	0	32	7484.49	539
A Apr 2012	57	51	1	58	0	58	7483.54	532
L May 2012	74	66	1	71	0	71	7482.82	527
* Jun 2012	45	50	1	93	0	93	7476.82	483
Jul 2012	20	31	1	105	0	105	7465.79	408
Aug 2012	25	39	1	102	0	102	7455.49	344
Sep 2012	20	28	1	80	0	80	7446.17	292
WY 2012	414	443	7	844	0	844		
Oct 2012	26	28	0	45	0	45	7442.81	274
Nov 2012	26	26	0	14	0	14	7445.15	286
Dec 2012	26	25	0	15	0	15	7447.08	297
Jan 2013	24	24	0	18	0	18	7448.24	303
Feb 2013	22	23	0	16	0	16	7449.59	310
Mar 2013	36	36	0	20	0	20	7452.48	327
Apr 2013	77	73	1	30	0	30	7459.60	369
May 2013	221	201	1	118	0	118	7472.19	451
Jun 2013	261	234	1	36	0	36	7498.35	648
Jul 2013	117	115	1	87	0	87	7501.54	674
Aug 2013	63	73	1	103	0	103	7497.83	644
Sep 2013	38	47	1	94	0	94	7491.79	595
WY 2013	938	906	7	595	0	595		
Oct 2013	38	42	1	52	0	52	7490.40	584
Nov 2013	31	32	0	24	0	24	7491.46	593
Dec 2013	26	27	0	38	0	38	7490.00	581
Jan 2014	24	26	0	65	0	65	7484.88	542
Feb 2014	22	25	0	55	0	55	7480.76	512
Mar 2014	36	38	0	44	0	44	7479.82	505
Apr 2014	77	74	1	54	0	54	7482.49	524
May 2014	221	207	1	112	0	112	7494.66	618
Jun 2014	261	240	1	64	0	64	7515.34	793

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 2012 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 2011	231	150	9	159	159	0	159	7155.22	113
H	Aug 2011	68	123	1	125	124	0	124	7155.77	114
I	Sep 2011	36	108	1	109	115	0	115	7148.00	108
	WY 2011	1236	1065	74	1139	1133	0	1139		
S	Oct 2011	37	93	1	94	91	0	91	7151.08	110
T	Nov 2011	30	37	2	39	38	0	38	7151.73	110
O	Dec 2011	25	87	0	88	85	0	85	7154.97	113
R	Jan 2012	23	52	1	53	52	0	52	7155.61	113
I	Feb 2012	22	34	1	35	35	0	35	7155.27	113
C	Mar 2012	43	32	2	35	34	0	34	7156.25	114
A	Apr 2012	63	58	6	64	63	0	63	7157.05	115
L	May 2012	80	71	6	76	79	0	79	7154.07	112
*	Jun 2012	45	93	1	93	93	0	93	7154.59	113
	Jul 2012	20	105	0	105	106	0	106	7153.73	112
	Aug 2012	25	102	0	102	102	0	102	7153.73	112
	Sep 2012	22	80	2	82	82	0	82	7153.73	112
	WY 2012	435	844	22	865	860	0	860		
	Oct 2012	28	45	2	47	47	0	47	7153.73	112
	Nov 2012	28	14	2	16	16	0	16	7153.73	112
	Dec 2012	28	15	2	17	17	0	17	7153.73	112
	Jan 2013	27	18	2	20	20	0	20	7153.73	112
	Feb 2013	25	16	3	18	18	0	18	7153.73	112
	Mar 2013	40	20	4	24	24	0	24	7153.73	112
	Apr 2013	88	30	11	41	41	0	41	7153.73	112
	May 2013	247	118	26	144	144	0	144	7153.73	112
	Jun 2013	281	36	20	56	56	0	56	7153.73	112
	Jul 2013	123	87	6	93	93	0	93	7153.73	112
	Aug 2013	67	103	3	106	106	0	106	7153.73	112
	Sep 2013	41	94	3	97	97	0	97	7153.73	112
	WY 2013	1023	595	85	679	679	0	679		
	Oct 2013	41	52	3	55	55	0	55	7153.73	112
	Nov 2013	33	24	2	26	26	0	26	7153.73	112
	Dec 2013	28	38	2	40	40	0	40	7153.73	112
	Jan 2014	27	65	2	67	67	0	67	7153.73	112
	Feb 2014	25	55	3	58	58	0	58	7153.73	112
	Mar 2014	40	44	4	48	48	0	48	7153.73	112
	Apr 2014	88	54	11	65	65	0	65	7153.73	112
	May 2014	247	112	26	138	138	0	138	7153.73	112
	Jun 2014	281	64	20	84	84	0	84	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 2012 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 2011	255	159	23	182	128	58	186	6739.47	13	62	136
H	Aug 2011	75	124	7	131	126	2	129	6748.39	16	66	70
I	Sep 2011	39	115	4	119	120	0	120	6744.21	14	64	62
WY 2011		1375	1139	139	1278	1008	235	1279			413	912
S	Oct 2011	41	91	4	96	94	0	94	6749.65	16	53	44
T	Nov 2011	34	38	4	42	41	1	41	6751.53	17	1	41
O	Dec 2011	28	85	3	88	89	0	89	6750.95	16	1	90
R	Jan 2012	27	52	3	56	53	3	56	6751.28	16	1	57
I	Feb 2012	26	35	3	38	15	23	38	6751.90	17	1	40
C	Mar 2012	49	34	6	40	40	0	40	6751.80	17	6	36
A	Apr 2012	71	63	8	71	71	0	71	6752.10	17	50	23
L	May 2012	86	79	6	84	86	0	86	6745.87	15	65	23
*	Jun 2012	49	93	3	96	97	0	97	6744.24	14	63	36
	Jul 2012	22	106	2	108	105	0	105	6753.04	17	65	40
	Aug 2012	28	102	3	105	105	0	105	6753.04	17	65	40
	Sep 2012	25	82	3	85	85	0	85	6753.04	17	55	30
WY 2012		485	860	49	909	880	26	907			424	500
	Oct 2012	32	47	4	51	51	0	51	6753.04	17	30	21
	Nov 2012	32	16	4	20	20	0	20	6753.04	17	0	20
	Dec 2012	32	17	5	22	22	0	22	6753.04	17	0	22
	Jan 2013	31	20	5	25	25	0	25	6753.04	17	0	25
	Feb 2013	29	18	4	22	22	0	22	6753.04	17	0	22
	Mar 2013	46	24	6	30	30	0	30	6753.04	17	5	25
	Apr 2013	101	41	12	54	54	0	54	6753.04	17	30	24
	May 2013	281	144	34	178	134	44	178	6753.04	17	55	123
	Jun 2013	315	56	34	90	90	0	90	6753.04	17	60	30
	Jul 2013	138	93	14	108	108	0	108	6753.04	17	65	43
	Aug 2013	75	106	8	114	114	0	114	6753.04	17	65	49
	Sep 2013	47	97	6	103	103	0	103	6753.04	17	55	48
WY 2013		1160	679	137	816	772	44	816			365	451
	Oct 2013	47	55	6	61	61	0	61	6753.04	17	30	31
	Nov 2013	38	26	5	30	30	0	30	6753.04	17	0	30
	Dec 2013	32	40	5	45	45	0	45	6753.04	17	0	45
	Jan 2014	31	67	5	72	72	0	72	6753.04	17	0	72
	Feb 2014	29	58	4	61	61	0	61	6753.04	17	0	61
	Mar 2014	46	48	6	54	54	0	54	6753.04	17	5	49
	Apr 2014	101	65	12	78	78	0	78	6753.04	17	30	48
	May 2014	281	138	34	172	134	38	172	6753.04	17	55	117
	Jun 2014	315	84	34	118	118	0	118	6753.04	17	60	58

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 2012 24-Month Study

Most Probable Inflow*

Vallecito Reservoir



	Regulated Inflow	Total Release	Reservoir Elev End of Month	Live Storage
Date	(1000 Ac-Ft)	(1000 Ac-Ft)	(Ft)	(1000 Ac-Ft)
* Jul 2011	23	39	7658.78	109
H Aug 2011	9	37	7647.29	81
I Sep 2011	8	29	7637.58	59
WY 2011	225	222		
S Oct 2011	15	9	7640.42	65
T Nov 2011	9	2	7643.33	72
O Dec 2011	5	2	7644.76	75
R Jan 2012	5	3	7645.42	76
I Feb 2012	4	4	7645.50	76
C Mar 2012	12	4	7648.84	84
A Apr 2012	36	3	7661.80	117
L May 2012	42	35	7664.36	124
* Jun 2012	17	36	7656.80	104
Jul 2012	9	42	7642.98	71
Aug 2012	9	38	7628.16	42
Sep 2012	10	30	7614.02	22
WY 2012	173	208		
Oct 2012	11	17	7608.12	16
Nov 2012	8	1	7613.91	22
Dec 2012	6	2	7617.89	26
Jan 2013	5	2	7620.79	30
Feb 2013	5	1	7623.08	33
Mar 2013	9	2	7627.48	40
Apr 2013	23	1	7638.92	62
May 2013	71	31	7656.03	102
Jun 2013	70	52	7662.88	120
Jul 2013	29	42	7657.87	107
Aug 2013	20	38	7650.47	88
Sep 2013	17	30	7645.14	76
WY 2013	275	218		
Oct 2013	16	20	7643.11	71
Nov 2013	9	8	7643.29	71
Dec 2013	6	6	7643.28	71
Jan 2014	5	5	7643.25	71
Feb 2014	5	5	7643.29	71
Mar 2014	9	3	7645.65	77
Apr 2014	23	3	7654.02	97
May 2014	71	48	7662.90	120
Jun 2014	70	70	7662.86	120

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 2012 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)
* Jul 2011	40	8	46	5	48	31	6065.88	1424	98
H Aug 2011	3	2	29	4	47	46	6060.64	1356	47
I Sep 2011	15	2	35	3	20	40	6058.35	1327	53
WY 2011	737	93	641	28	220	478			891
S Oct 2011	54	4	44	2	10	33	6058.32	1327	55
T Nov 2011	31	1	23	1	0	21	6058.38	1327	47
O Dec 2011	19	0	16	1	1	31	6057.10	1311	54
R Jan 2012	18	0	16	1	1	30	6055.85	1296	50
I Feb 2012	19	0	18	1	1	28	6054.95	1285	46
C Mar 2012	74	7	61	2	6	31	6056.81	1308	70
A Apr 2012	149	18	98	2	27	30	6059.88	1346	96
L May 2012	131	17	105	4	34	110	6056.40	1303	176
* Jun 2012	20	4	35	4	46	42	6051.70	1246	60
Jul 2012	5	1	37	4	45	59	6045.53	1174	59
Aug 2012	13	0	42	3	39	56	6040.44	1118	56
Sep 2012	20	0	40	2	22	36	6038.49	1097	36
WY 2012	552	53	533	26	230	507			806
Oct 2012	30	0	36	1	6	27	6038.64	1098	27
Nov 2012	28	0	21	1	0	21	6038.63	1098	21
Dec 2012	25	0	20	1	0	26	6038.04	1092	26
Jan 2013	22	0	18	1	0	31	6036.80	1079	31
Feb 2013	30	0	27	1	0	26	6036.85	1079	26
Mar 2013	92	3	83	1	2	22	6042.21	1137	22
Apr 2013	170	15	134	2	18	21	6050.40	1230	21
May 2013	277	37	199	3	32	30	6061.23	1364	30
Jun 2013	224	31	174	4	48	95	6063.27	1390	95
Jul 2013	66	6	73	5	53	25	6062.49	1380	25
Aug 2013	45	2	61	4	45	34	6060.84	1359	34
Sep 2013	43	0	55	3	26	30	6060.61	1356	30
WY 2013	1053	94	902	26	229	387			387
Oct 2013	47	1	50	2	7	31	6061.45	1366	31
Nov 2013	34	1	32	1	0	30	6061.57	1368	30
Dec 2013	25	0	25	1	0	31	6061.06	1361	31
Jan 2014	22	0	22	1	0	31	6060.32	1352	31
Feb 2014	30	0	30	1	0	28	6060.43	1353	28
Mar 2014	92	3	84	2	2	33	6064.13	1401	33
Apr 2014	170	15	135	3	18	60	6068.29	1457	60
May 2014	277	37	216	4	32	138	6071.34	1499	138
Jun 2014	224	31	192	5	48	182	6068.21	1456	182

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 2012 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 2011	3767	3195	74	1483	0	1483	3660.86	5542	18605	1502
H	Aug 2011	664	780	74	1479	0	1479	3655.34	5485	17890	1501
I	Sep 2011	456	669	67	922	0	922	3653.01	5461	17593	957
	WY 2011	15971	15498	467	12518	0	12518				12731
S	Oct 2011	513	630	45	956	0	956	3650.27	5434	17249	979
T	Nov 2011	506	530	43	1099	0	1099	3645.67	5388	16683	1104
O	Dec 2011	363	490	33	1223	0	1223	3639.75	5332	15974	1226
R	Jan 2012	356	503	10	852	0	852	3636.91	5305	15641	846
I	Feb 2012	342	460	11	653	0	653	3635.28	5290	15453	654
C	Mar 2012	560	625	19	600	0	600	3635.33	5290	15458	607
A	Apr 2012	764	689	29	606	0	606	3635.76	5294	15508	612
L	May 2012	792	770	35	601	0	601	3636.83	5304	15632	606
*	Jun 2012	353	398	54	709	0	709	3633.90	5277	15294	712
	Jul 2012	100	316	62	888	0	888	3628.69	5230	14706	888
	Aug 2012	150	363	60	800	0	800	3624.50	5193	14246	800
	Sep 2012	200	339	54	476	0	476	3622.86	5179	14069	476
	WY 2012	4999	6112	456	9463	0	9463				9511
	Oct 2012	338	375	37	491	0	491	3621.54	5168	13927	491
	Nov 2012	393	380	36	600	0	600	3619.31	5149	13690	600
	Dec 2012	363	372	28	800	0	800	3615.27	5115	13268	800
	Jan 2013	361	377	9	800	0	800	3611.37	5083	12868	800
	Feb 2013	393	386	9	675	0	675	3608.62	5061	12592	675
	Mar 2013	665	533	15	600	0	600	3607.85	5055	12516	600
	Apr 2013	1056	808	24	600	0	600	3609.56	5069	12686	600
	May 2013	2343	1947	30	600	0	600	3621.33	5166	13905	600
	Jun 2013	2666	2232	51	800	0	800	3632.93	5268	15184	800
	Jul 2013	1091	961	63	840	0	840	3633.41	5273	15238	840
	Aug 2013	500	578	63	824	0	824	3630.89	5250	14952	824
	Sep 2013	408	511	57	600	0	600	3629.68	5239	14817	600
	WY 2013	10576	9459	421	8230	0	8230				8230
	Oct 2013	512	551	39	600	0	600	3628.94	5232	14735	600
	Nov 2013	473	500	38	600	0	600	3627.80	5222	14608	600
	Dec 2013	363	438	30	800	0	800	3624.49	5193	14245	800
	Jan 2014	361	463	9	800	0	800	3621.52	5168	13925	800
	Feb 2014	393	462	10	600	0	600	3620.23	5157	13788	600
	Mar 2014	665	642	17	600	0	600	3620.45	5159	13811	600
	Apr 2014	1056	942	27	600	0	600	3623.18	5182	14103	600
	May 2014	2343	2062	33	600	0	600	3635.05	5288	15426	600
	Jun 2014	2666	2341	56	650	0	650	3647.78	5409	16941	650

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 2012 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 2011	1483	74	73	1001	16.3	26	1000	789	1107.07	12133
H	Aug 2011	1479	96	80	831	13.5	28	829	827	1113.45	12730
I	Sep 2011	922	96	67	670	11.3	18	668	844	1116.04	12977
	WY 2011	12518	1157	578	9799		225	9676			
S	Oct 2011	956	66	49	443	7.2	20	436	875	1121.00	13456
T	Nov 2011	1099	36	50	564	9.5	13	561	906	1125.82	13933
O	Dec 2011	1223	84	45	497	8.1	9	482	952	1132.83	14644
R	Jan 2012	852	55	37	713	11.6	9	712	976	1134.18	15022
I	Feb 2012	653	44	34	775	13.5	10	775	969	1133.06	14907
C	Mar 2012	600	43	38	986	16.0	16	985	945	1129.41	14535
A	Apr 2012	606	46	46	1170	19.7	20	1163	909	1123.93	13986
L	May 2012	601	14	52	1007	16.4	30	1005	880	1119.38	13541
*	Jun 2012	709	8	62	989	16.6	29	989	858	1115.84	13200
	Jul 2012	888	54	76	930	15.1	28	930	852	1114.94	13114
	Aug 2012	800	103	81	798	13.0	28	798	852	1114.90	13110
	Sep 2012	476	74	67	662	11.1	18	662	840	1112.95	12925
	WY 2012	9463	627	637	9534		230	9498			
	Oct 2012	491	49	48	431	7.0	21	431	843	1113.35	12963
	Nov 2012	600	46	48	532	8.9	18	532	845	1113.82	13007
	Dec 2012	800	108	42	475	7.7	15	475	868	1117.50	13359
	Jan 2013	800	78	35	677	11.0	16	677	877	1118.95	13500
	Feb 2013	675	98	32	686	12.4	15	686	880	1119.34	13538
	Mar 2013	600	78	36	1030	16.7	21	1030	855	1115.36	13154
	Apr 2013	600	76	44	1111	18.7	17	1111	825	1110.44	12688
	May 2013	600	64	49	993	16.1	27	993	800	1106.33	12308
	Jun 2013	800	33	58	928	15.6	23	928	789	1104.52	12142
	Jul 2013	840	54	73	918	14.9	25	918	782	1103.26	12028
	Aug 2013	824	103	77	826	13.4	27	826	782	1103.23	12025
	Sep 2013	600	74	63	637	10.7	19	637	779	1102.76	11983
	WY 2013	8230	861	605	9244		245	9244			
	Oct 2013	600	49	46	426	6.9	23	426	788	1104.35	12127
	Nov 2013	600	46	46	516	8.7	22	516	792	1104.98	12185
	Dec 2013	800	108	41	451	7.3	17	451	816	1109.06	12559
	Jan 2014	800	78	34	680	11.1	20	680	825	1110.51	12695
	Feb 2014	600	98	31	690	12.4	18	690	823	1110.10	12657
	Mar 2014	600	78	34	1033	16.8	24	1033	797	1105.90	12268
	Apr 2014	600	76	42	1115	18.7	20	1115	767	1100.70	11798
	May 2014	600	64	47	996	16.2	31	996	742	1096.36	11413
	Jun 2014	650	33	56	931	15.7	26	931	722	1092.83	11103

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 2012 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 2011	1001	-10	25	943	0	943	15.3	643.11	1702
H	Aug 2011	831	-6	23	822	0	822	13.4	642.38	1682
I	Sep 2011	670	-6	18	717	0	717	12.1	639.73	1610
	WY 2011	9799	-120	198	9446	0	9446			
S	Oct 2011	443	7	15	611	0	611	9.9	633.03	1435
T	Nov 2011	564	-11	10	466	0	466	7.8	635.99	1511
O	Dec 2011	497	-28	9	385	0	385	6.3	638.82	1586
R	Jan 2012	713	-23	10	638	0	638	10.4	640.38	1628
I	Feb 2012	775	-18	10	726	0	726	12.6	641.20	1650
C	Mar 2012	986	-23	13	931	0	931	15.1	641.93	1670
A	Apr 2012	1170	-24	17	1091	0	1091	18.3	643.35	1708
L	May 2012	1007	-12	22	980	0	980	15.9	643.06	1700
*	Jun 2012	989	-19	25	952	0	952	16.0	642.80	1693
	Jul 2012	930	-4	25	894	0	894	14.5	643.00	1699
	Aug 2012	798	-7	23	795	0	795	12.9	642.00	1671
	Sep 2012	662	0	18	751	0	751	12.6	638.00	1564
	WY 2012	9534	-163	197	9219	0	9219			
	Oct 2012	431	0	14	610	0	610	9.9	630.49	1371
	Nov 2012	532	-15	10	392	0	392	6.6	635.00	1486
	Dec 2012	475	-19	9	350	0	350	5.7	638.71	1583
	Jan 2013	677	-13	10	571	0	571	9.3	641.80	1666
	Feb 2013	686	-6	10	670	0	670	12.1	641.80	1666
	Mar 2013	1030	-14	13	968	0	968	15.7	643.05	1700
	Apr 2013	1111	-14	17	1082	0	1082	18.2	643.00	1699
	May 2013	993	-14	22	956	0	956	15.6	643.00	1699
	Jun 2013	928	-10	25	919	0	919	15.5	642.00	1671
	Jul 2013	918	-4	25	902	0	902	14.7	641.50	1658
	Aug 2013	826	-7	23	796	0	796	12.9	641.50	1658
	Sep 2013	637	0	18	713	0	713	12.0	638.00	1564
	WY 2013	9244	-118	196	8929	0	8929			
	Oct 2013	426	0	15	542	0	542	8.8	633.00	1434
	Nov 2013	516	-15	10	439	0	439	7.4	635.00	1486
	Dec 2013	451	-19	9	325	0	325	5.3	638.71	1583
	Jan 2014	680	-13	10	575	0	575	9.3	641.80	1666
	Feb 2014	690	-6	10	674	0	674	12.1	641.80	1666
	Mar 2014	1033	-14	13	972	0	972	15.8	643.05	1700
	Apr 2014	1115	-14	17	1086	0	1086	18.2	643.00	1699
	May 2014	996	-14	22	960	0	960	15.6	643.00	1699
	Jun 2014	931	-10	25	923	0	923	15.5	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 2012 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 2011	943	34	17	762	12.4	100	77	448.22	584	127	2.1
H	Aug 2011	822	25	17	669	10.9	91	60	448.13	583	97	1.6
I	Sep 2011	717	30	15	538	9.0	83	102	448.28	585	91	1.5
	WY 2011	9446	263	140	6837		963	1657			1634	
S	Oct 2011	611	31	12	472	7.7	8	149	447.97	579	62	1.0
T	Nov 2011	466	37	9	321	5.4	7	175	447.32	567	93	1.6
O	Dec 2011	385	27	6	267	4.3	15	151	445.69	537	108	1.7
R	Jan 2012	638	11	6	382	6.2	54	187	446.61	554	131	2.1
I	Feb 2012	726	10	8	497	8.6	49	169	447.10	563	159	2.8
C	Mar 2012	931	8	9	711	11.6	21	187	447.23	565	187	3.0
A	Apr 2012	1091	23	11	785	13.2	97	180	449.13	602	183	3.1
L	May 2012	980	25	13	709	11.5	100	179	448.81	596	99	1.6
*	Jun 2012	952	11	15	719	12.1	97	130	448.23	584	103	1.7
	Jul 2012	894	21	17	757	12.3	99	23	448.50	589	103	1.7
	Aug 2012	795	22	17	647	10.5	99	41	448.50	589	92	1.5
	Sep 2012	751	20	15	555	9.3	73	151	446.81	557	89	1.5
	WY 2012	9219	246	140	6820		719	1722			1409	
	Oct 2012	610	23	12	445	7.2	7	170	446.31	548	55	0.9
	Nov 2012	392	32	8	366	6.2	3	36	446.50	552	86	1.4
	Dec 2012	350	26	6	261	4.2	4	101	446.50	552	89	1.5
	Jan 2013	571	15	6	353	5.7	82	141	446.50	552	122	2.0
	Feb 2013	670	7	8	457	8.2	71	135	446.50	552	153	2.8
	Mar 2013	968	18	9	706	11.5	82	178	446.70	555	208	3.4
	Apr 2013	1082	19	11	793	13.3	78	172	448.70	593	200	3.4
	May 2013	956	18	13	690	11.2	82	178	448.70	593	111	1.8
	Jun 2013	919	15	16	672	11.3	78	155	448.70	593	112	1.9
	Jul 2013	902	21	17	725	11.8	82	98	448.00	580	118	1.9
	Aug 2013	796	22	17	619	10.1	82	97	447.50	571	92	1.5
	Sep 2013	713	20	15	522	8.8	52	147	446.81	557	89	1.5
	WY 2013	8929	237	139	6610		704	1610			1437	
	Oct 2013	542	23	12	440	7.1	5	110	446.31	548	72	1.2
	Nov 2013	439	32	8	371	6.2	5	77	446.50	552	105	1.8
	Dec 2013	325	26	6	279	4.5	6	55	446.50	552	118	1.9
	Jan 2014	575	15	6	356	5.8	82	141	446.50	552	122	2.0
	Feb 2014	674	7	8	461	8.3	72	135	446.50	552	153	2.8
	Mar 2014	972	18	9	710	11.5	82	178	446.70	555	208	3.4
	Apr 2014	1086	19	11	796	13.4	78	172	448.70	593	200	3.4
	May 2014	960	18	13	694	11.3	82	178	448.70	593	111	1.8
	Jun 2014	923	15	16	675	11.4	78	155	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 2012 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 2011	1001	16.3	1107.07	12133	429	462.21	1698.0	403.2	100	402.6
H	Aug 2011	831	13.5	1113.45	12730	597	469.04	1721.0	338.8	100	407.7
I	Sep 2011	670	11.3	1116.04	12977	247	473.88	1757.0	272.0	100	406.1
WY 2011		9799							3848.4		
S	Oct 2011	443	7.2	1121.00	13456	479	478.70	1311.0	178.9	74	403.5
T	Nov 2011	564	9.5	1125.82	13933	477	481.61	1110.0	233.8	61	414.3
O	Dec 2011	497	8.1	1132.83	14644	711	488.04	1374.0	207.2	75	417.3
R	Jan 2012	713	11.6	1134.18	15022	139	485.97	1146.0	308.0	61	432.1
I	Feb 2012	775	13.5	1133.06	14907	-115	484.32	1282.0	338.6	68	436.7
C	Mar 2012	986	16.0	1129.41	14535	-372	481.45	1047.0	427.4	56	433.4
A	Apr 2012	1170	19.7	1123.93	13986	-548	475.07	1164.0	505.3	62	432.0
L	May 2012	1007	16.4	1119.38	13541	-445	471.90	1050.0	429.0	56	426.2
*	Jun 2012	989	16.6	1115.84	13200	-341	470.21	1829.0	414.2	100	418.8
	Jul 2012	930	15.1	1114.94	13114	-86	464.34	1374.0	391.5	76	421.0
	Aug 2012	798	13.0	1114.90	13110	-4	461.50	1795.0	330.1	100	413.9
	Sep 2012	662	11.1	1112.95	12925	-185	462.14	1784.0	268.9	100	405.8
WY 2012		9534							4033.0		
	Oct 2012	431	7.0	1113.35	12963	38	465.36	1512.0	173.6	85	403.0
	Nov 2012	532	8.9	1113.82	13007	44	469.77	1264.0	217.8	71	409.5
	Dec 2012	475	7.7	1117.50	13359	352	468.33	1412.0	195.7	78	411.7
	Jan 2013	677	11.0	1118.95	13500	141	470.75	1075.0	285.1	59	421.1
	Feb 2013	686	12.4	1119.34	13538	38	470.66	1076.0	293.9	59	428.4
	Mar 2013	1030	16.7	1115.36	13154	-384	466.36	1402.0	434.0	78	421.5
	Apr 2013	1111	18.7	1110.44	12688	-466	460.63	1525.0	467.5	87	420.8
	May 2013	993	16.1	1106.33	12308	-381	455.98	1531.0	404.4	88	407.4
	Jun 2013	928	15.6	1104.52	12142	-165	452.07	1727.0	377.5	100	406.9
	Jul 2013	918	14.9	1103.26	12028	-114	451.04	1718.0	370.6	100	403.7
	Aug 2013	826	13.4	1103.23	12025	-3	450.56	1717.0	336.1	100	406.9
	Sep 2013	637	10.7	1102.76	11983	-42	451.45	1713.0	252.2	100	395.6
WY 2013		9244							3808.5		
	Oct 2013	426	6.9	1104.35	12127	144	455.57	1493.0	168.7	87	395.8
	Nov 2013	516	8.7	1104.98	12185	57	458.23	1508.0	204.6	88	396.5
	Dec 2013	451	7.3	1109.06	12559	375	459.73	1345.6	181.7	78	402.8
	Jan 2014	680	11.1	1110.51	12695	136	462.34	1019.9	282.4	59	415.1
	Feb 2014	690	12.4	1110.10	12657	-38	461.84	1020.3	290.7	59	421.6
	Mar 2014	1033	16.8	1105.90	12268	-389	457.05	1347.3	427.9	78	414.2
	Apr 2014	1115	18.7	1100.70	11798	-470	451.08	1490.4	460.2	87	412.9
	May 2014	996	16.2	1096.36	11413	-385	446.19	1517.8	398.0	88	399.5
	Jun 2014	931	15.7	1092.83	11103	-310	441.32	1723.0	370.7	100	398.1

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 2012 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 2011	943	15.3	643.11	1702	23	143.18	255.0	119.3	100	126.5
H	Aug 2011	822	13.4	642.38	1682	-20	140.95	255.0	103.5	100	125.9
I	Sep 2011	717	12.1	639.73	1610	-72	137.99	255.0	90.2	100	125.8
WY 2011		9446							1182.3		
S	Oct 2011	611	9.9	633.03	1435	-175	133.41	181.1	74.4	71	121.8
T	Nov 2011	466	7.8	635.99	1511	76	134.28	170.9	57.0	67	122.2
O	Dec 2011	385	6.3	638.82	1586	74	135.59	173.4	48.1	68	124.9
R	Jan 2012	638	10.4	640.38	1628	42	138.75	170.9	77.2	67	121.0
I	Feb 2012	726	12.6	641.20	1650	22	140.80	163.2	90.8	64	125.1
C	Mar 2012	931	15.1	641.93	1670	20	140.23	204.0	117.4	80	126.2
A	Apr 2012	1091	18.3	643.35	1708	39	142.08	249.9	147.4	98	135.2
L	May 2012	980	15.9	643.06	1700	-8	141.39	252.5	128.9	99	131.5
*	Jun 2012	952	16.0	642.80	1693	-7	140.12	255.0	122.6	100	128.8
	Jul 2012	894	14.5	643.00	1699	5	135.94	255.0	112.1	100	125.3
	Aug 2012	795	12.9	642.00	1671	-27	135.51	255.0	99.7	100	125.5
	Sep 2012	751	12.6	638.00	1564	-107	132.89	255.0	92.6	100	123.3
WY 2012		9219							1168.3		
	Oct 2012	610	9.9	630.49	1371	-193	128.32	204.0	72.7	80	119.1
	Nov 2012	392	6.6	635.00	1486	115	127.85	170.9	46.7	67	119.1
	Dec 2012	350	5.7	638.71	1583	97	131.72	183.6	43.1	72	123.2
	Jan 2013	571	9.3	641.80	1666	83	135.61	173.4	71.3	68	124.8
	Feb 2013	670	12.1	641.80	1666	0	136.23	204.0	83.9	80	125.2
	Mar 2013	968	15.7	643.05	1700	34	135.78	242.3	120.6	95	124.5
	Apr 2013	1082	18.2	643.00	1699	-2	136.07	255.0	134.6	100	124.3
	May 2013	956	15.6	643.00	1699	0	136.04	255.0	119.6	100	125.1
	Jun 2013	919	15.5	642.00	1671	-27	135.51	255.0	114.6	100	124.7
	Jul 2013	902	14.7	641.50	1658	-14	134.73	255.0	112.1	100	124.3
	Aug 2013	796	12.9	641.50	1658	0	134.46	255.0	99.2	100	124.6
	Sep 2013	713	12.0	638.00	1564	-94	132.62	255.0	87.9	100	123.3
WY 2013		8929							1106.1		
	Oct 2013	542	8.8	633.00	1434	-130	129.17	219.3	65.4	86	120.7
	Nov 2013	439	7.4	635.00	1486	51	126.85	244.8	52.7	96	119.9
	Dec 2013	325	5.3	638.71	1583	97	130.29	229.5	40.1	90	123.3
	Jan 2014	575	9.3	641.80	1666	83	134.09	221.9	71.7	87	124.8
	Feb 2014	674	12.1	641.80	1666	0	136.08	209.1	84.3	82	125.1
	Mar 2014	972	15.8	643.05	1700	34	135.86	239.7	121.0	94	124.5
	Apr 2014	1086	18.2	643.00	1699	-2	136.07	255.0	135.0	100	124.3
	May 2014	960	15.6	643.00	1699	0	136.04	255.0	120.1	100	125.1
	Jun 2014	923	15.5	642.00	1671	-27	135.51	255.0	115.1	100	124.7

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 2012 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 2011	762	12.4	448.22	584	9	81.72	116.4	51.6	97	67.7
H	Aug 2011	669	10.9	448.13	583	-2	82.04	120.0	46.1	100	68.9
I	Sep 2011	538	9.0	448.28	585	3	82.16	120.0	39.4	100	73.2
WY 2011		6837							474.2		
S	Oct 2011	472	7.7	447.97	579	-6	81.92	92.4	31.5	77	66.8
T	Nov 2011	321	5.4	447.32	567	-12	80.93	102.0	22.1	85	69.1
O	Dec 2011	267	4.3	445.69	537	-30	81.08	67.2	17.7	56	66.2
R	Jan 2012	382	6.2	446.61	554	17	80.68	67.2	25.6	56	67.1
I	Feb 2012	497	8.6	447.10	563	9	80.85	94.8	35.1	79	70.7
C	Mar 2012	711	11.6	447.23	565	2	81.75	97.2	48.8	81	68.6
A	Apr 2012	785	13.2	449.13	602	36	83.37	120.0	54.1	100	69.0
L	May 2012	709	11.5	448.81	596	-6	81.37	111.6	49.6	93	69.9
*	Jun 2012	719	12.1	448.23	584	-11	79.00	120.0	49.7	100	69.1
	Jul 2012	757	12.3	448.50	589	5	75.73	120.0	50.3	100	66.4
	Aug 2012	647	10.5	448.50	589	0	75.86	120.0	42.8	100	66.2
	Sep 2012	555	9.3	446.81	557	-32	75.03	120.0	36.2	100	65.3
WY 2012		6820							463.5		
	Oct 2012	445	7.2	446.31	548	-9	74.77	102.0	28.8	85	64.6
	Nov 2012	366	6.2	446.50	552	3	74.62	102.0	23.4	85	64.0
	Dec 2012	261	4.2	446.50	552	0	74.71	102.0	16.3	85	62.5
	Jan 2013	353	5.7	446.50	552	0	74.71	102.0	22.5	85	63.8
	Feb 2013	457	8.2	446.50	552	0	73.92	120.0	29.4	100	64.2
	Mar 2013	706	11.5	446.70	555	4	74.01	120.0	45.9	100	64.9
	Apr 2013	793	13.3	448.70	593	38	75.08	120.0	52.3	100	66.0
	May 2013	690	11.2	448.70	593	0	76.05	120.0	45.9	100	66.4
	Jun 2013	672	11.3	448.70	593	0	76.05	120.0	44.7	100	66.5
	Jul 2013	725	11.8	448.00	580	-13	75.71	120.0	48.1	100	66.3
	Aug 2013	619	10.1	447.50	571	-10	75.13	120.0	40.6	100	65.5
	Sep 2013	522	8.8	446.81	557	-13	74.55	120.0	33.8	100	64.8
WY 2013		6610							431.5		
	Oct 2013	440	7.1	446.31	548	-9	74.77	102.0	28.4	85	64.6
	Nov 2013	371	6.2	446.50	552	3	74.62	102.0	23.7	85	64.0
	Dec 2013	279	4.5	446.50	552	0	74.71	102.0	17.5	85	62.8
	Jan 2014	356	5.8	446.50	552	0	74.71	102.0	22.7	85	63.8
	Feb 2014	461	8.3	446.50	552	0	73.92	120.0	29.6	100	64.2
	Mar 2014	710	11.5	446.70	555	4	74.01	120.0	46.1	100	64.9
	Apr 2014	796	13.4	448.70	593	38	75.08	120.0	52.5	100	66.0
	May 2014	694	11.3	448.70	593	0	76.05	120.0	46.1	100	66.5
	Jun 2014	675	11.4	448.70	593	0	76.05	120.0	44.9	100	66.5

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 2012 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 2011	708					
H Aug 2011	706	60	39	44	22	8
I Sep 2011	442	58	34	41	22	6
Summer 2011	3425	386	179	248	111	30
S Oct 2011	446	48	28	33	18	5
T Nov 2011	508	34	11	13	7	2
O Dec 2011	563	43	25	30	17	6
R Jan 2012	388	58	15	18	10	5
I Feb 2012	295	54	9	12	2	4
C Mar 2012	275	62	9	12	6	4
Winter 2012	2475	300	97	117	61	26
A Apr 2012	276	47	16	22	14	4
L May 2012	276	61	19	28	17	4
* Jun 2012	324	34	26	33	19	7
Jul 2012	373	33	29	38	18	6
Aug 2012	333	33	28	37	18	6
Sep 2012	197	28	21	30	15	5
Summer 2012	1779	237	139	187	100	32
Oct 2012	203	22	12	17	9	5
Nov 2012	247	19	4	6	3	5
Dec 2012	327	19	4	6	4	5
Jan 2013	324	19	5	7	4	5
Feb 2013	271	18	4	6	4	4
Mar 2013	240	19	5	8	5	4
Winter 2013	1612	117	33	51	29	27
Apr 2013	241	18	8	15	9	5
May 2013	244	47	32	52	23	7
Jun 2013	333	84	10	20	16	9
Jul 2013	354	34	26	34	19	10
Aug 2013	347	34	31	38	20	8
Sep 2013	251	33	28	35	18	7
Summer 2013	1770	250	136	194	104	45
Oct 2013	251	34	15	20	10	7
Nov 2013	251	33	7	9	5	6
Dec 2013	333	34	11	15	8	6
Jan 2014	331	34	19	24	12	6
Feb 2014	247	30	16	21	11	5
Mar 2014	247	46	13	17	9	5
Winter 2014	1412	164	68	88	47	29
Apr 2014	247	45	16	23	13	5
May 2014	251	52	33	50	23	6
Jun 2014	278	82	20	30	20	8

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 2012 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 2012	671	346	450	9028	10495	14177	24672	-32	-85	-23	-140	9028	14177	23065	1500	930	0	35.3	
**** CREDITABLE SPACE ****								**** EFFECTIVE SPACE ****											
Aug 2012	717	422	522	9616	11276	14263	25539	717	422	522	1660	9616	14263	25539	1500	798	0	34.6	
Sep 2012	784	485	578	10076	11923	14267	26190	784	485	578	1847	10076	14267	26190	2270	662	0	33.9	
Oct 2012	835	538	599	10253	12226	14452	26678	835	538	599	1972	10253	14452	26678	3040	431	0	33.6	
Nov 2012	858	556	598	10395	12407	14414	26821	858	556	598	2012	10395	14414	26821	3810	532	0	33.5	
Dec 2012	869	543	598	10632	12642	14370	27012	869	543	598	2010	10632	14370	27012	4580	475	0	33.5	
Jan 2013	891	533	604	11054	13082	14018	27100	891	533	604	2028	11054	14018	27100	5350	677	0	33.3	
**** EFFECTIVE SPACE ****								**** EFFECTIVE SPACE ****											
Jan 2013	891	533	604	11054	13082	14018	27100	510	435	458	1402	11054	14018	26474	5350	677	0	33.3	
Feb 2013	907	527	617	11454	13505	13877	27382	523	428	470	1422	11454	13877	26752	1500	686	0	33.1	
Mar 2013	914	519	617	11730	13780	13839	27620	527	422	469	1418	11730	13839	26987	1500	1030	0	32.8	
Apr 2013	870	503	559	11806	13738	14223	27961	477	405	408	1290	11806	14223	27320	1500	1111	0	32.7	
May 2013	795	461	466	11636	13358	14689	28046	394	358	295	1047	11636	14689	27372	1500	993	0	33.9	
Jun 2013	689	379	332	10417	11818	15069	26887	278	255	126	658	10417	15069	26145	1500	928	0	35.4	
Jul 2013	543	182	306	9138	10169	15235	25403	118	30	47	195	9138	15235	24568	1500	918	0	35.4	
**** CREDITABLE SPACE ****								**** CREDITABLE SPACE ****											
Aug 2013	443	155	316	9084	9999	15349	25348	443	155	316	915	9084	15349	25348	1500	826	0	35.1	
Sep 2013	462	186	337	9370	10355	15352	25707	462	186	337	985	9370	15352	25707	2270	637	0	34.7	
Oct 2013	508	234	340	9505	10588	15394	25982	508	234	340	1083	9505	15394	25982	3040	426	0	34.5	
Nov 2013	549	245	330	9587	10711	15250	25961	549	245	330	1124	9587	15250	25961	3810	516	0	34.5	
Dec 2013	591	237	328	9714	10870	15192	26062	591	237	328	1156	9714	15192	26062	4580	451	0	34.5	
Jan 2014	650	248	335	10077	11309	14818	26127	650	248	335	1233	10077	14818	26127	5350	680	0	34.3	
**** EFFECTIVE SPACE ****								**** EFFECTIVE SPACE ****											
Jan 2014	650	248	335	10077	11309	14818	26127	274	248	250	773	10077	14818	25667	5350	680	0	34.3	
Feb 2014	704	287	344	10397	11733	14682	26415	326	287	259	872	10397	14682	25952	1500	690	0	34.1	
Mar 2014	745	318	343	10534	11940	14720	26660	365	318	257	940	10534	14720	26194	1500	1033	0	33.8	
Apr 2014	772	325	295	10511	11903	15109	27012	389	325	205	919	10511	15109	26538	1500	1115	0	33.7	
May 2014	766	305	239	10219	11529	15579	27108	377	305	129	812	10219	15579	26609	1500	996	0	34.9	
Jun 2014	675	211	197	8896	9979	15964	25943	275	206	51	532	8896	15964	25392	1500	931	0	36.4	

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