To: All Annual Operating Plan Recipients

From: Lower Colorado Region
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Managing Water in the West

The operation of Lake Powell and Lake Mead in this July 2014 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 2014 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2013 24-Month Study projections of the January 1, 2014, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2014.

Consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 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 2014.

The Interim Guidelines are available for download at: http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2014 AOP is available for download at: http://www.usbr.gov/lc/region/g4000/aop/AOP14.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 was 3.039 maf or 114 percent of the 30-year average from 1981 to 2010. The forecast for July unregulated inflow into Lake Powell is 1.000 maf or 92 percent of the 30-year average. The forecasted 2014 April through July unregulated inflow is 7.090 maf or 99 percent of average.

In this study, the calendar year 2014 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 1.191 maf. The calendar year 2014 diversion for the Central Arizona Project (CAP) is forecasted to be 1.579 maf. Consumptive use for Nevada above Hoover (SNWP Use) is forecasted to be 0.226 maf for calendar year 2014.

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

RECLAMATION
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July 2014 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 2013	67	2	48	0	48	6492.28	243
H	Aug 2013	32	2	43	0	43	6490.28	229
I	Sep 2013	47	2	42	0	42	6490.87	233
	WY 2013	**575**	**14**	**534**	**57**	**591**		
S	Oct 2013	53	1	19	24	43	6492.11	241
T	Nov 2013	41	1	51	4	55	6489.91	226
O	Dec 2013	30	1	61	0	61	6485.02	195
R	Jan 2014	29	1	61	0	61	6479.35	163
I	Feb 2014	29	0	55	0	55	6474.06	136
C	Mar 2014	56	0	71	0	71	6470.70	121
A	Apr 2014	101	1	83	1	84	6474.33	138
L	May 2014	272	1	96	126	222	6483.58	186
*	Jun 2014	427	2	104	254	364	6492.90	247
	Jul 2014	250	3	104	45	149	6506.06	346
	Aug 2014	80	2	90	0	90	6504.49	334
	Sep 2014	59	2	36	43	79	6501.66	312
	WY 2014	**1427**	**15**	**830**	**498**	**1334**		
	Oct 2014	60	1	82	0	82	6498.62	289
	Nov 2014	52	1	79	0	79	6494.77	261
	Dec 2014	41	1	82	0	82	6488.61	219
	Jan 2015	38	1	82	0	82	6481.44	175
	Feb 2015	35	1	74	0	74	6473.69	135
	Mar 2015	53	0	82	0	82	6466.86	106
	Apr 2015	80	1	65	0	65	6470.26	120
	May 2015	160	1	68	0	68	6487.41	211
	Jun 2015	280	2	104	90	193	6499.55	295
	Jul 2015	180	3	101	30	131	6505.56	342
	Aug 2015	69	2	92	0	92	6502.31	317
	Sep 2015	42	2	37	30	67	6498.83	290
	WY 2015	**1090**	**15**	**947**	**149**	**1096**		
	Oct 2015	46	1	69	0	69	6495.51	266
	Nov 2015	41	1	67	0	67	6491.73	240
	Dec 2015	32	1	69	0	69	6485.98	202
	Jan 2016	30	1	69	0	69	6479.28	163
	Feb 2016	28	0	62	0	62	6472.02	128
	Mar 2016	53	0	69	0	69	6468.09	111
	Apr 2016	85	1	77	0	77	6469.98	119
	May 2016	164	1	99	5	104	6481.96	178
	Jun 2016	299	2	103	71	173	6500.33	301

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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July 2014 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	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 2013	66	47	12	68	0	68	116	6016.99	2875	99
H	Aug 2013	22	33	11	68	0	68	114	6015.71	2831	87
I	Sep 2013	67	62	10	66	0	66	113	6015.33	2818	95
	WY 2013	**657**	**673**	**73**	**818**	**3**	**821**				**1744**
S	Oct 2013	68	58	6	51	0	51	113	6015.35	2819	108
T	Nov 2013	41	55	3	48	0	48	114	6015.47	2823	96
O	Dec 2013	32	62	2	49	0	49	114	6015.79	2834	403
R	Jan 2014	33	65	2	49	0	49	115	6016.19	2847	405
I	Feb 2014	46	71	2	45	0	45	116	6016.89	2871	99
C	Mar 2014	86	100	3	49	1	50	117	6018.21	2917	123
A	Apr 2014	128	111	5	50	0	50	120	6019.75	2971	306
L	May 2014	333	283	8	53	0	53	128	6025.67	3185	594
*	Jun 2014	472	409	10	208	85	293	132	6028.39	3287	775
	Jul 2014	257	156	14	103	0	103	134	6029.38	3325	103
	Aug 2014	85	95	13	103	0	103	133	6028.87	3306	103
	Sep 2014	62	82	11	100	0	100	132	6028.14	3278	100
	WY 2014	**1643**	**1550**	**78**	**907**	**86**	**993**				**3215**
	Oct 2014	66	88	7	103	0	103	131	6027.57	3256	103
	Nov 2014	60	87	3	100	0	100	130	6027.16	3241	100
	Dec 2014	42	83	2	103	0	103	130	6026.60	3220	103
	Jan 2015	46	90	2	103	0	103	129	6026.22	3205	103
	Feb 2015	50	89	2	93	0	93	129	6026.06	3199	93
	Mar 2015	100	129	3	103	0	103	130	6026.64	3221	103
	Apr 2015	132	117	5	100	0	100	130	6026.97	3234	100
	May 2015	200	108	8	142	0	142	129	6025.90	3194	142
	Jun 2015	320	233	10	154	0	154	131	6027.68	3260	154
	Jul 2015	200	151	13	92	0	92	133	6028.83	3304	92
	Aug 2015	77	100	13	92	0	92	133	6028.73	3300	92
	Sep 2015	47	72	11	89	0	89	132	6028.01	3273	89
	WY 2015	**1340**	**1346**	**79**	**1272**	**0**	**1272**				**1272**
	Oct 2015	53	76	7	92	0	92	131	6027.44	3251	92
	Nov 2015	49	74	3	89	0	89	130	6026.99	3234	89
	Dec 2015	35	72	2	92	0	92	129	6026.43	3213	92
	Jan 2016	40	79	2	92	0	92	129	6026.06	3200	92
	Feb 2016	45	79	2	86	0	86	128	6025.83	3191	86
	Mar 2016	102	119	3	92	0	92	129	6026.45	3214	92
	Apr 2016	134	125	5	107	0	107	130	6026.80	3227	107
	May 2016	245	185	8	190	0	190	129	6026.47	3215	190
	Jun 2016	390	264	10	107	0	107	135	6030.17	3356	107

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

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July 2014 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 2013	9	15	9316.95	81
H	Aug 2013	7	15	9312.37	74
I	Sep 2013	8	12	9309.95	70
	WY 2013	**97**	**83**		
S	Oct 2013	7	6	9310.82	71
T	Nov 2013	5	5	9310.99	71
O	Dec 2013	5	5	9310.93	71
R	Jan 2014	5	5	9310.93	71
I	Feb 2014	4	4	9311.08	72
C	Mar 2014	5	5	9310.72	71
A	Apr 2014	12	13	9310.23	70
L	May 2014	30	26	9312.59	74
*	Jun 2014	48	27	9324.29	95
	Jul 2014	17	20	9322.71	92
	Aug 2014	9	18	9317.78	83
	Sep 2014	7	14	9313.71	76
	WY 2014	**153**	**147**		
	Oct 2014	7	8	9313.11	75
	Nov 2014	6	6	9313.11	75
	Dec 2014	5	6	9312.51	74
	Jan 2015	4	6	9311.28	72
	Feb 2015	4	6	9310.04	70
	Mar 2015	4	6	9308.77	68
	Apr 2015	7	6	9309.40	69
	May 2015	26	16	9315.48	79
	Jun 2015	40	20	9326.36	99
	Jul 2015	15	22	9322.71	92
	Aug 2015	9	18	9317.78	83
	Sep 2015	7	14	9313.71	76
	WY 2015	**134**	**134**		
	Oct 2015	6	10	9311.55	72
	Nov 2015	5	6	9310.95	71
	Dec 2015	5	6	9310.12	70
	Jan 2016	4	6	9309.08	68
	Feb 2016	4	6	9307.66	66
	Mar 2016	4	6	9306.64	65
	Apr 2016	9	6	9308.44	67
	May 2016	28	16	9315.93	80
	Jun 2016	42	22	9326.61	99

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July 2014 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 2013	44	51	1	98	0	98	7463.20	391
H	Aug 2013	46	54	1	89	0	89	7457.29	355
I	Sep 2013	57	61	1	66	0	66	7456.24	348
	WY 2013	**561**	**547**	**6**	**517**	**0**	**532**		
S	Oct 2013	48	47	0	46	0	46	7456.34	349
T	Nov 2013	33	33	0	14	0	14	7459.38	367
O	Dec 2013	25	25	0	11	0	11	7461.56	381
R	Jan 2014	22	22	0	14	0	14	7462.81	389
I	Feb 2014	23	22	0	13	0	13	7464.31	398
C	Mar 2014	32	33	0	23	0	23	7465.76	408
A	Apr 2014	129	130	1	28	0	28	7480.43	509
L	May 2014	242	240	1	69	3	72	7501.73	676
*	Jun 2014	361	338	1	185	142	353	7499.76	659
	Jul 2014	114	117	1	116	0	116	7499.71	659
	Aug 2014	58	67	1	112	0	112	7494.00	613
	Sep 2014	40	47	1	77	0	77	7490.07	582
	WY 2014	**1128**	**1122**	**8**	**709**	**145**	**880**		
	Oct 2014	45	46	1	56	0	56	7488.72	571
	Nov 2014	36	36	0	56	0	56	7486.08	551
	Dec 2014	32	33	0	30	0	30	7486.45	554
	Jan 2015	28	30	0	60	0	60	7482.43	524
	Feb 2015	24	26	0	55	0	55	7478.43	495
	Mar 2015	36	38	0	47	0	47	7477.12	485
	Apr 2015	72	71	1	35	0	35	7481.98	521
	May 2015	215	205	1	120	0	120	7492.96	605
	Jun 2015	250	230	1	48	0	48	7514.47	785
	Jul 2015	98	105	2	86	0	86	7516.40	802
	Aug 2015	53	62	1	125	0	125	7509.13	738
	Sep 2015	41	48	1	122	0	122	7500.24	663
	WY 2015	**930**	**930**	**9**	**840**	**0**	**840**		
	Oct 2015	40	44	1	56	0	56	7498.68	651
	Nov 2015	32	33	0	56	0	56	7495.80	627
	Dec 2015	26	27	0	73	0	73	7490.00	581
	Jan 2016	24	26	0	73	0	73	7483.81	534
	Feb 2016	22	25	0	51	0	51	7480.21	508
	Mar 2016	36	38	0	32	0	32	7480.91	513
	Apr 2016	77	74	1	42	0	42	7485.16	544
	May 2016	221	209	1	118	0	118	7496.65	634
	Jun 2016	261	241	1	76	0	76	7515.90	798

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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 2013	45	98	0	98	99	0	99	7153.53	112
H	Aug 2013	46	89	0	90	89	0	89	7154.91	113
I	Sep 2013	58	66	2	68	69	0	69	7154.20	112
	WY 2013	**595**	**532**	**35**	**567**	**563**	**0**	**563**		
S	Oct 2013	50	46	2	48	47	1	50	7152.26	111
T	Nov 2013	34	14	1	15	0	0	15	7152.65	111
O	Dec 2013	26	11	1	12	0	0	16	7147.65	107
R	Jan 2014	24	14	2	16	0	0	16	7148.51	108
I	Feb 2014	24	13	2	14	12	0	14	7148.21	108
C	Mar 2014	33	23	1	24	25	0	25	7146.76	107
A	Apr 2014	143	28	13	41	42	0	42	7146.13	106
L	May 2014	268	72	26	98	93	0	93	7152.55	111
*	Jun 2014	379	353	18	372	295	0	382	7138.91	101
	Jul 2014	119	116	5	121	110	0	110	7153.73	112
	Aug 2014	61	112	3	115	115	0	115	7153.73	112
	Sep 2014	43	77	3	80	80	0	80	7153.73	112
	WY 2014	**1204**	**880**	**77**	**957**	**818**	**1**	**957**		
	Oct 2014	48	56	3	59	59	0	59	7153.73	112
	Nov 2014	38	56	2	58	58	0	58	7153.73	112
	Dec 2014	34	30	2	32	32	0	32	7153.73	112
	Jan 2015	30	60	2	62	62	0	62	7153.73	112
	Feb 2015	25	55	1	56	56	0	56	7153.73	112
	Mar 2015	39	47	3	50	50	0	50	7153.73	112
	Apr 2015	83	35	11	46	46	0	46	7153.73	112
	May 2015	235	120	20	140	140	0	140	7153.73	112
	Jun 2015	270	48	20	68	68	0	68	7153.73	112
	Jul 2015	104	86	6	92	92	0	92	7153.73	112
	Aug 2015	56	125	3	128	128	0	128	7153.73	112
	Sep 2015	43	122	2	124	124	0	124	7153.73	112
	WY 2015	**1005**	**840**	**75**	**915**	**915**	**0**	**915**		
	Oct 2015	42	56	2	58	58	0	58	7153.73	112
	Nov 2015	34	56	2	58	58	0	58	7153.73	112
	Dec 2015	28	73	2	75	75	0	75	7153.73	112
	Jan 2016	27	73	2	75	75	0	75	7153.73	112
	Feb 2016	25	51	3	54	54	0	54	7153.73	112
	Mar 2016	40	32	4	36	36	0	36	7153.73	112
	Apr 2016	88	42	11	53	53	0	53	7153.73	112
	May 2016	247	118	26	144	144	0	144	7153.73	112
	Jun 2016	281	76	20	96	96	0	96	7153.73	112

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July 2014 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 2013	49	99	4	103	101	1	102	6748.24	16	67	41
H	Aug 2013	50	89	3	92	92	1	93	6745.72	15	62	36
I	Sep 2013	63	69	5	74	73	0	73	6746.17	15	48	29
	WY 2013	**661**	**563**	**65**	**628**	**614**	**14**	**627**			**363**	**291**
S	Oct 2013	55	50	5	54	56	0	56	6741.56	14	36	22
T	Nov 2013	40	15	6	21	15	4	19	6748.85	16	0	20
O	Dec 2013	30	16	4	20	20	0	20	6749.68	16	0	21
R	Jan 2014	27	16	3	19	6	14	20	6746.01	15	1	20
I	Feb 2014	29	14	5	19	3	17	20	6743.52	14	1	20
C	Mar 2014	39	25	6	31	30	0	31	6744.65	15	1	30
A	Apr 2014	154	42	11	53	53	0	53	6743.26	14	28	27
L	May 2014	297	93	29	122	88	22	118	6758.88	19	52	69
*	Jun 2014	414	382	35	417	108	126	419	6751.56	17	61	379
	Jul 2014	133	110	14	124	123	0	123	6753.04	17	65	58
	Aug 2014	68	115	7	122	122	0	122	6753.04	17	65	57
	Sep 2014	49	80	6	86	86	0	86	6753.04	17	55	31
	WY 2014	**1336**	**957**	**132**	**1088**	**710**	**182**	**1086**			**364**	**754**
	Oct 2014	53	59	5	64	64	0	64	6753.04	17	30	34
	Nov 2014	43	58	5	63	63	0	63	6753.04	17	0	63
	Dec 2014	38	32	4	36	36	0	36	6753.04	17	0	36
	Jan 2015	33	62	3	65	65	0	65	6753.04	17	0	65
	Feb 2015	28	56	3	59	59	0	59	6753.04	17	0	59
	Mar 2015	44	50	5	55	55	0	55	6753.04	17	5	50
	Apr 2015	97	46	14	60	60	0	60	6753.04	17	30	30
	May 2015	270	140	35	175	134	41	175	6753.04	17	55	120
	Jun 2015	300	68	30	98	98	0	98	6753.04	17	60	38
	Jul 2015	114	92	10	102	102	0	102	6753.04	17	65	37
	Aug 2015	62	128	6	134	134	0	134	6753.04	17	65	69
	Sep 2015	48	124	5	129	129	0	129	6753.04	17	55	74
	WY 2015	**1130**	**915**	**125**	**1040**	**999**	**41**	**1040**			**365**	**675**
	Oct 2015	48	58	5	63	63	0	63	6753.04	17	30	33
	Nov 2015	38	58	4	62	62	0	62	6753.04	17	0	62
	Dec 2015	32	75	5	79	79	0	79	6753.04	17	0	79
	Jan 2016	31	75	5	80	80	0	80	6753.04	17	0	80
	Feb 2016	29	54	4	57	57	0	57	6753.04	17	0	57
	Mar 2016	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2016	101	53	12	66	66	0	66	6753.04	17	30	36
	May 2016	281	144	34	178	134	44	178	6753.04	17	55	123
	Jun 2016	315	96	34	130	130	0	130	6753.04	17	60	70

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July 2014 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 2013	8	32	7626.95	40
H	Aug 2013	13	26	7617.79	26
I	Sep 2013	45	7	7639.82	64
	WY 2013	**169**	**138**		
S	Oct 2013	18	2	7646.84	80
T	Nov 2013	10	2	7650.16	87
O	Dec 2013	7	2	7652.32	93
R	Jan 2014	6	2	7653.61	96
I	Feb 2014	5	2	7654.41	98
C	Mar 2014	7	11	7653.05	94
A	Apr 2014	28	16	7657.59	106
L	May 2014	59	43	7663.60	122
*	Jun 2014	47	50	7662.12	118
	Jul 2014	15	41	7651.54	91
	Aug 2014	13	38	7640.55	65
	Sep 2014	12	30	7631.55	48
	WY 2014	**226**	**239**		
	Oct 2014	11	17	7627.94	41
	Nov 2014	7	1	7631.04	47
	Dec 2014	6	2	7633.42	51
	Jan 2015	5	2	7635.18	54
	Feb 2015	4	1	7636.46	57
	Mar 2015	6	2	7638.56	61
	Apr 2015	20	1	7646.83	79
	May 2015	70	31	7662.27	118
	Jun 2015	65	58	7664.75	125
	Jul 2015	27	42	7659.04	110
	Aug 2015	19	38	7651.38	90
	Sep 2015	15	30	7645.03	75
	WY 2015	**255**	**224**		
	Oct 2015	14	17	7643.60	72
	Nov 2015	8	1	7646.58	79
	Dec 2015	6	2	7648.59	84
	Jan 2016	5	2	7650.18	87
	Feb 2016	5	1	7651.50	91
	Mar 2016	9	2	7654.28	97
	Apr 2016	23	1	7662.60	119
	May 2016	71	65	7664.94	125
	Jun 2016	70	70	7664.84	125

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

Model Run ID: 2174

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2014 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 2013	2	1	25	3	40	51	6017.54	889	53
H	Aug 2013	43	3	53	3	34	41	6014.89	865	54
I	Sep 2013	151	5	110	2	15	25	6022.28	933	90
	WY 2013	**543**	**42**	**472**	**20**	**205**	**349**			**604**
S	Oct 2013	57	3	38	1	4	15	6024.13	951	45
T	Nov 2013	35	1	26	1	0	16	6025.11	960	43
O	Dec 2013	26	0	21	0	0	16	6025.59	965	39
R	Jan 2014	19	0	16	0	0	17	6025.41	963	36
I	Feb 2014	23	0	21	1	0	18	6025.70	966	35
C	Mar 2014	52	2	53	1	4	18	6028.76	996	41
A	Apr 2014	123	14	98	2	21	18	6034.32	1053	64
L	May 2014	176	20	141	3	31	17	6042.68	1142	115
*	Jun 2014	116	19	98	4	39	20	6045.77	1177	148
	Jul 2014	10	1	35	4	54	24	6041.47	1129	24
	Aug 2014	17	0	42	3	46	23	6038.63	1098	23
	Sep 2014	23	0	40	2	26	21	6037.84	1090	21
	WY 2014	**679**	**61**	**629**	**23**	**226**	**223**			**635**
	Oct 2014	29	1	34	1	9	22	6038.04	1092	22
	Nov 2014	30	0	24	1	0	21	6038.28	1094	21
	Dec 2014	20	0	16	1	0	22	6037.65	1088	22
	Jan 2015	19	0	16	1	0	22	6037.02	1081	22
	Feb 2015	23	0	20	1	0	19	6037.03	1081	19
	Mar 2015	65	1	59	1	5	22	6039.96	1112	22
	Apr 2015	135	13	104	2	19	21	6045.52	1174	21
	May 2015	270	38	193	3	33	30	6056.23	1301	30
	Jun 2015	190	33	150	4	48	107	6055.45	1291	107
	Jul 2015	45	7	52	4	52	22	6053.34	1265	22
	Aug 2015	35	1	52	3	44	22	6051.96	1249	22
	Sep 2015	34	1	48	3	24	21	6051.96	1249	21
	WY 2015	**895**	**96**	**768**	**25**	**235**	**348**			**348**
	Oct 2015	40	2	42	2	9	22	6052.77	1259	22
	Nov 2015	31	1	24	1	0	21	6052.92	1260	21
	Dec 2015	25	0	20	1	0	22	6052.74	1258	22
	Jan 2016	22	0	18	1	0	22	6052.39	1254	22
	Feb 2016	30	0	27	1	0	20	6052.87	1260	20
	Mar 2016	92	2	83	2	5	24	6057.15	1312	24
	Apr 2016	170	15	133	2	20	27	6063.73	1396	27
	May 2016	277	41	229	4	33	200	6063.11	1388	200
	Jun 2016	224	33	190	4	49	213	6057.10	1311	213

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2014 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 Gage (1000 Ac-Ft)
*	Jul 2013	143	298	49	848	0	848	3594.17	4950	11202	862
H	Aug 2013	273	401	47	801	0	801	3589.64	4917	10788	815
I	Sep 2013	857	802	44	600	0	600	3591.25	4928	10934	807
	WY 2013	**5117**	**5358**	**361**	**8154**	**78**	**8232**				**8264**
S	Oct 2013	549	475	30	481	0	481	3590.88	4926	10900	483
T	Nov 2013	476	435	29	553	143	696	3587.90	4904	10631	695
O	Dec 2013	295	291	23	601	0	601	3584.43	4880	10324	595
R	Jan 2014	270	271	7	800	0	800	3578.69	4840	9828	811
I	Feb 2014	330	321	7	599	0	599	3575.55	4819	9563	604
C	Mar 2014	509	444	12	504	0	504	3574.76	4813	9497	510
A	Apr 2014	964	774	19	502	0	502	3577.56	4832	9732	512
L	May 2014	2082	1632	24	493	0	493	3589.38	4915	10764	498
*	Jun 2014	3039	2676	42	598	0	598	3609.19	5066	12649	607
	Jul 2014	1000	907	54	800	0	800	3609.68	5070	12698	817
	Aug 2014	450	574	53	800	0	800	3607.09	5049	12440	819
	Sep 2014	350	448	48	606	0	606	3605.16	5034	12250	618
	WY 2014	**10315**	**9249**	**348**	**7337**	**143**	**7480**				**7569**
	Oct 2014	450	501	33	600	0	600	3603.91	5024	12127	609
	Nov 2014	450	501	32	600	0	600	3602.66	5014	12006	610
	Dec 2014	350	411	25	800	0	800	3598.65	4983	11622	808
	Jan 2015	350	442	8	800	0	800	3595.04	4956	11283	811
	Feb 2015	380	451	8	650	0	650	3592.96	4941	11091	657
	Mar 2015	570	547	14	650	0	650	3591.79	4932	10983	656
	Apr 2015	950	798	22	600	0	600	3593.57	4945	11147	609
	May 2015	2300	1978	27	650	0	650	3606.19	5042	12351	658
	Jun 2015	2500	2130	45	800	0	800	3617.89	5137	13541	808
	Jul 2015	850	766	56	1000	0	1000	3615.30	5115	13272	1017
	Aug 2015	400	519	55	1050	0	1050	3609.99	5072	12729	1069
	Sep 2015	350	485	49	800	0	800	3606.60	5045	12391	813
	WY 2015	**9900**	**9527**	**374**	**9000**	**0**	**9000**				**9124**
	Oct 2015	464	509	34	600	0	600	3605.44	5036	12276	609
	Nov 2015	450	505	32	600	0	600	3604.23	5026	12159	610
	Dec 2015	363	463	25	800	0	800	3600.76	5000	11823	808
	Jan 2016	361	461	8	800	0	800	3597.38	4974	11502	811
	Feb 2016	393	453	8	650	0	650	3595.35	4959	11312	657
	Mar 2016	665	590	14	650	0	650	3594.61	4953	11243	656
	Apr 2016	1056	885	22	600	0	600	3597.22	4973	11487	609
	May 2016	2343	2183	28	650	0	650	3611.48	5084	12880	658
	Jun 2016	2666	2270	47	800	0	800	3624.06	5190	14198	808

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2014 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (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 2013	848	113	73	865	14.1	28	858	798	1105.92	12270
H	Aug 2013	801	132	78	808	13.1	27	791	799	1106.13	12289
I	Sep 2013	600	155	64	599	10.1	16	590	804	1106.92	12362
	WY 2013	**8232**	**824**	**612**	**9043**		**224**	**8927**			
S	Oct 2013	481	38	47	733	11.9	19	718	786	1104.04	12099
T	Nov 2013	696	101	47	513	8.6	12	510	800	1106.36	12310
O	Dec 2013	601	43	40	558	9.1	9	556	802	1106.73	12344
R	Jan 2014	800	45	33	605	9.8	8	604	815	1108.75	12531
I	Feb 2014	599	76	31	717	12.9	8	716	810	1107.94	12456
C	Mar 2014	504	29	34	1090	17.7	13	1087	773	1101.71	11888
A	Apr 2014	502	17	41	1134	19.1	20	1130	731	1094.55	11254
L	May 2014	493	13	46	1086	17.7	30	1084	692	1087.46	10639
*	Jun 2014	598	11	54	959	16.1	29	959	665	1082.66	10233
	Jul 2014	800	64	67	968	15.7	32	968	653	1080.37	10042
	Aug 2014	800	116	71	809	13.2	28	809	653	1080.47	10050
	Sep 2014	606	97	58	652	11.0	19	652	652	1080.17	10025
	WY 2014	**7480**	**649**	**567**	**9825**		**226**	**9793**			
	Oct 2014	600	52	42	571	9.3	21	571	653	1080.36	10041
	Nov 2014	600	52	42	655	11.0	12	655	649	1079.72	9988
	Dec 2014	800	95	37	614	10.0	6	614	664	1082.42	10212
	Jan 2015	800	75	30	641	10.4	7	641	676	1084.63	10398
	Feb 2015	650	78	28	718	12.9	8	718	674	1084.35	10374
	Mar 2015	650	68	31	1049	17.1	14	1049	651	1080.13	10022
	Apr 2015	600	80	38	1132	19.0	19	1132	620	1074.30	9544
	May 2015	650	60	42	1016	16.5	32	1016	597	1069.84	9187
	Jun 2015	800	23	51	938	15.8	30	938	585	1067.52	9004
	Jul 2015	1000	64	63	918	14.9	32	918	588	1068.13	9051
	Aug 2015	1050	116	67	849	13.8	28	849	602	1070.75	9259
	Sep 2015	800	97	56	691	11.6	19	691	610	1072.28	9382
	WY 2015	**9000**	**861**	**527**	**9790**		**228**	**9790**			
	Oct 2015	600	52	41	558	9.1	22	558	612	1072.65	9412
	Nov 2015	600	52	41	587	9.9	13	587	612	1072.79	9422
	Dec 2015	800	95	36	530	8.6	6	530	632	1076.54	9726
	Jan 2016	800	75	30	631	10.3	7	631	645	1078.92	9921
	Feb 2016	650	78	27	693	12.0	9	693	645	1078.91	9921
	Mar 2016	650	68	30	1062	17.3	14	1062	621	1074.44	9556
	Apr 2016	600	80	37	1139	19.1	20	1139	590	1068.39	9072
	May 2016	650	60	41	1028	16.7	33	1028	566	1063.67	8704
	Jun 2016	800	23	49	942	15.8	30	942	554	1061.25	8518

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2014 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 2013	865	-24	26	810	0	810	13.2	643.66	1717
H	Aug 2013	808	-16	23	749	0	749	12.2	644.35	1736
I	Sep 2013	599	-11	18	681	0	681	11.4	640.23	1624
	WY 2013	**9043**	**-158**	**198**	**8669**	**0**	**8669**			
S	Oct 2013	733	-13	15	768	0	768	12.5	637.86	1560
T	Nov 2013	513	4	11	531	0	531	8.9	636.95	1537
O	Dec 2013	558	-10	9	470	0	470	7.6	639.57	1606
R	Jan 2014	605	-7	10	552	0	552	9.0	640.94	1643
I	Feb 2014	717	-22	10	658	0	658	11.9	641.96	1670
C	Mar 2014	1090	-12	13	1074	0	1074	17.5	641.61	1661
A	Apr 2014	1134	-21	17	1054	0	1054	17.7	643.13	1702
L	May 2014	1086	-17	22	1023	0	1022	16.6	644.01	1726
*	Jun 2014	959	-19	25	947	0	947	15.9	642.83	1694
	Jul 2014	968	-10	25	928	0	928	15.1	643.00	1699
	Aug 2014	809	-11	23	789	0	789	12.8	642.50	1685
	Sep 2014	652	-4	18	750	0	750	12.6	638.00	1564
	WY 2014	**9825**	**-142**	**198**	**9544**	**0**	**9543**			
	Oct 2014	571	-2	15	685	0	685	11.1	633.00	1434
	Nov 2014	655	-13	10	580	0	580	9.8	635.00	1486
	Dec 2014	614	-17	9	491	0	491	8.0	638.71	1583
	Jan 2015	641	-14	10	534	0	534	8.7	641.80	1666
	Feb 2015	718	-10	10	697	0	697	12.6	641.80	1666
	Mar 2015	1049	-15	13	987	0	987	16.0	643.05	1700
	Apr 2015	1132	-17	17	1099	0	1099	18.5	643.00	1699
	May 2015	1016	-13	22	981	0	981	16.0	643.00	1699
	Jun 2015	938	-14	25	926	0	926	15.6	642.00	1671
	Jul 2015	918	-10	25	896	0	896	14.6	641.50	1658
	Aug 2015	849	-11	23	816	0	816	13.3	641.50	1658
	Sep 2015	691	-4	18	762	0	762	12.8	638.00	1564
	WY 2015	**9790**	**-141**	**197**	**9452**	**0**	**9452**			
	Oct 2015	558	-2	15	671	0	671	10.9	633.00	1434
	Nov 2015	587	-13	10	513	0	513	8.6	635.00	1486
	Dec 2015	530	-17	9	407	0	407	6.6	638.71	1583
	Jan 2016	631	-14	10	524	0	524	8.5	641.80	1666
	Feb 2016	693	-10	10	673	0	673	11.7	641.80	1666
	Mar 2016	1062	-15	13	1000	0	1000	16.3	643.05	1700
	Apr 2016	1139	-17	17	1106	0	1106	18.6	643.00	1699
	May 2016	1028	-13	22	993	0	993	16.1	643.00	1699
	Jun 2016	942	-14	25	930	0	930	15.6	642.00	1671

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2014 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 2013	810	27	17	626	10.2	100	80	448.51	590	110	1.8
H	Aug 2013	749	37	17	552	9.0	99	95	449.22	604	109	1.8
I	Sep 2013	681	23	15	486	8.2	91	149	446.96	560	96	1.6
	WY 2013	**8669**	**246**	**141**	**6389**		**780**	**1521**			**1477**	
S	Oct 2013	768	19	12	467	7.6	99	186	447.91	578	70	1.1
T	Nov 2013	531	25	9	314	5.3	77	144	448.37	587	89	1.5
O	Dec 2013	470	7	7	285	4.6	100	138	445.37	531	99	1.6
R	Jan 2014	552	13	6	353	5.7	101	84	446.23	547	131	2.1
I	Feb 2014	658	20	8	450	8.1	48	130	448.13	582	162	2.9
C	Mar 2014	1074	-3	9	809	13.1	90	176	447.05	562	260	4.2
A	Apr 2014	1054	24	11	756	12.7	105	178	448.11	582	241	4.0
L	May 2014	1022	-3	13	694	11.3	110	184	448.48	589	115	1.9
*	Jun 2014	947	11	15	713	12.0	95	133	447.90	578	112	1.9
	Jul 2014	928	29	17	717	11.7	108	90	448.50	589	117	1.9
	Aug 2014	789	27	17	599	9.7	108	89	448.00	580	92	1.5
	Sep 2014	750	25	15	543	9.1	105	126	446.81	557	89	1.5
	WY 2014	**9543**	**192**	**139**	**6700**		**1145**	**1658**			**1577**	
	Oct 2014	685	25	12	447	7.3	108	145	446.31	548	55	0.9
	Nov 2014	580	31	8	366	6.2	105	123	446.50	552	103	1.7
	Dec 2014	491	23	6	273	4.4	108	121	446.50	552	108	1.7
	Jan 2015	534	16	6	350	5.7	97	92	446.50	552	125	2.0
	Feb 2015	697	11	8	454	8.2	87	152	446.50	552	156	2.8
	Mar 2015	987	17	9	711	11.6	97	174	446.70	555	201	3.3
	Apr 2015	1099	21	11	801	13.5	94	167	448.70	593	212	3.6
	May 2015	981	21	13	707	11.5	97	173	448.70	593	111	1.8
	Jun 2015	926	17	16	697	11.7	94	122	448.70	593	109	1.8
	Jul 2015	896	29	17	723	11.8	97	87	448.00	580	111	1.8
	Aug 2015	816	27	17	640	10.4	97	86	447.50	571	105	1.7
	Sep 2015	762	25	15	563	9.5	94	120	446.81	557	102	1.7
	WY 2015	**9452**	**263**	**139**	**6732**		**1177**	**1563**			**1498**	
	Oct 2015	671	25	12	464	7.5	97	125	446.31	548	65	1.1
	Nov 2015	513	31	8	382	6.4	23	122	446.50	552	99	1.7
	Dec 2015	407	23	6	287	4.7	24	108	446.50	552	105	1.7
	Jan 2016	524	16	6	348	5.7	90	92	446.50	552	125	2.0
	Feb 2016	673	11	8	437	7.6	80	152	446.50	552	156	2.7
	Mar 2016	1000	17	9	732	11.9	90	174	446.70	555	201	3.3
	Apr 2016	1106	21	11	816	13.7	86	167	448.70	593	212	3.6
	May 2016	993	21	13	726	11.8	90	173	448.70	593	111	1.8
	Jun 2016	930	17	16	709	11.9	86	122	448.70	593	109	1.8

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2014 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 2013	865	14.1	1105.92	12270	-5	460.74	1753.0	348.3	100	402.7
H	Aug 2013	808	13.1	1106.13	12289	19	461.35	1737.0	325.9	100	403.4
I	Sep 2013	599	10.1	1106.92	12362	73	464.61	1737.0	242.5	100	405.1
	WY 2013	**9043**							**3770.1**		
S	Oct 2013	733	11.9	1104.04	12099	-263	460.18	1332.0	300.5	77	410.1
T	Nov 2013	513	8.6	1106.36	12310	212	465.65	1179.0	209.8	68	408.7
O	Dec 2013	558	9.1	1106.73	12344	34	463.77	1188.0	230.3	68	412.8
R	Jan 2014	605	9.8	1108.75	12531	186	465.47	746.0	250.9	43	414.5
I	Feb 2014	717	12.9	1107.94	12456	-75	461.16	1415.0	298.2	81	415.9
C	Mar 2014	1090	17.7	1101.71	11888	-567	457.72	1234.0	451.5	71	414.3
A	Apr 2014	1134	19.1	1094.55	11254	-635	447.66	1146.0	459.8	68	405.6
L	May 2014	1086	17.7	1087.46	10639	-615	440.39	1341.0	431.0	81	397.1
*	Jun 2014	959	16.1	1082.66	10233	-406	437.98	1541.0	372.9	93	388.7
	Jul 2014	968	15.7	1080.37	10042	-191	428.08	1615.0	374.5	100	386.7
	Aug 2014	809	13.2	1080.47	10050	8	427.10	1580.0	312.3	100	386.1
	Sep 2014	652	11.0	1080.17	10025	-25	428.63	1576.0	247.0	100	378.8
	WY 2014	**9825**							**3938.9**		
	Oct 2014	571	9.3	1080.36	10041	16	433.53	1207.0	219.4	77	383.9
	Nov 2014	655	11.0	1079.72	9988	-53	435.77	1084.0	255.4	69	390.2
	Dec 2014	614	10.0	1082.42	10212	225	435.04	1079.0	239.7	68	390.5
	Jan 2015	641	10.4	1084.63	10398	186	436.27	934.0	253.9	58	396.2
	Feb 2015	718	12.9	1084.35	10374	-24	435.84	989.0	287.6	62	400.7
	Mar 2015	1049	17.1	1080.13	10022	-353	432.18	1122.0	415.8	71	396.3
	Apr 2015	1132	19.0	1074.30	9544	-477	426.87	1089.0	449.9	71	397.6
	May 2015	1016	16.5	1069.84	9187	-357	421.96	1045.0	392.0	69	386.0
	Jun 2015	938	15.8	1067.52	9004	-183	415.64	1502.0	352.0	100	375.3
	Jul 2015	918	14.9	1068.13	9051	47	415.28	1508.0	342.0	100	372.5
	Aug 2015	849	13.8	1070.75	9259	208	417.04	1525.0	321.6	100	378.9
	Sep 2015	691	11.6	1072.28	9382	123	420.23	1535.0	258.8	100	374.5
	WY 2015	**9790**							**3788.0**		
	Oct 2015	558	9.1	1072.65	9412	30	424.70	1334.0	208.8	87	374.2
	Nov 2015	587	9.9	1072.79	9422	11	426.31	1372.0	222.8	89	379.3
	Dec 2015	530	8.6	1076.54	9726	304	428.67	1049.1	200.1	68	377.5
	Jan 2016	631	10.3	1078.92	9921	195	430.50	912.0	246.3	58	390.6
	Feb 2016	693	12.0	1078.91	9921	-1	430.30	966.3	272.0	62	392.4
	Mar 2016	1062	17.3	1074.44	9556	-365	426.66	1095.0	416.2	71	391.9
	Apr 2016	1139	19.1	1068.39	9072	-484	421.11	1061.4	446.7	71	392.3
	May 2016	1028	16.7	1063.67	8704	-368	415.96	1017.0	391.3	69	380.8
	Jun 2016	942	15.8	1061.25	8518	-186	409.48	1460.7	348.1	100	369.6

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2014 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	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 2013	810	13.2	643.66	1717	6	141.93	249.9	102.9	98	127.1
H	Aug 2013	749	12.2	644.35	1736	19	143.01	255.0	92.1	100	122.9
I	Sep 2013	681	11.4	640.23	1624	-112	138.83	255.0	89.1	100	130.8
	WY 2013	**8669**							**1092.0**		
S	Oct 2013	768	12.5	637.86	1560	-63	136.18	196.4	94.7	77	123.3
T	Nov 2013	531	8.9	636.95	1537	-24	137.13	158.1	61.5	62	115.9
O	Dec 2013	470	7.6	639.57	1606	69	136.36	173.4	59.4	68	126.5
R	Jan 2014	552	9.0	640.94	1643	37	139.11	163.2	68.9	64	124.9
I	Feb 2014	658	11.9	641.96	1670	28	138.63	173.4	84.5	68	128.3
C	Mar 2014	1074	17.5	641.61	1661	-10	138.63	252.5	134.6	99	125.3
A	Apr 2014	1054	17.7	643.13	1702	42	141.55	255.0	132.2	100	125.4
L	May 2014	1023	16.6	644.01	1726	24	143.52	255.0	127.7	100	124.9
*	Jun 2014	947	15.9	642.83	1694	-32	141.57	255.0	119.3	100	126.0
	Jul 2014	928	15.1	643.00	1699	5	135.95	255.0	116.2	100	125.2
	Aug 2014	789	12.8	642.50	1685	-14	135.78	255.0	99.2	100	125.8
	Sep 2014	750	12.6	638.00	1564	-121	133.15	255.0	92.7	100	123.6
	WY 2014	**9544**							**1191.0**		
	Oct 2014	685	11.1	633.00	1434	-130	129.88	196.4	82.0	77	119.8
	Nov 2014	580	9.8	635.00	1486	51	129.62	158.1	69.0	62	119.0
	Dec 2014	491	8.0	638.71	1583	97	132.06	173.4	60.0	68	122.2
	Jan 2015	534	8.7	641.80	1666	83	135.97	163.2	66.7	64	125.0
	Feb 2015	697	12.6	641.80	1666	0	137.17	173.4	87.2	68	125.0
	Mar 2015	987	16.0	643.05	1700	34	135.44	255.0	122.8	100	124.4
	Apr 2015	1099	18.5	643.00	1699	-2	136.07	255.0	136.6	100	124.3
	May 2015	981	16.0	643.00	1699	0	136.04	255.0	122.6	100	125.0
	Jun 2015	926	15.6	642.00	1671	-27	135.51	255.0	115.4	100	124.6
	Jul 2015	896	14.6	641.50	1658	-14	134.73	255.0	111.4	100	124.3
	Aug 2015	816	13.3	641.50	1658	0	134.46	255.0	101.5	100	124.5
	Sep 2015	762	12.8	638.00	1564	-94	132.62	255.0	93.8	100	123.1
	WY 2015	**9452**							**1168.9**		
	Oct 2015	671	10.9	633.00	1434	-130	129.88	196.4	80.4	77	119.9
	Nov 2015	513	8.6	635.00	1486	51	129.62	158.1	61.3	62	119.4
	Dec 2015	407	6.6	638.71	1583	97	132.06	173.4	50.0	68	122.8
	Jan 2016	524	8.5	641.80	1666	83	135.97	163.2	65.5	64	125.1
	Feb 2016	673	11.7	641.80	1666	0	137.17	173.4	84.3	68	125.3
	Mar 2016	1000	16.3	643.05	1700	34	135.44	255.0	124.3	100	124.4
	Apr 2016	1106	18.6	643.00	1699	-2	136.07	255.0	137.4	100	124.2
	May 2016	993	16.1	643.00	1699	0	136.04	255.0	124.0	100	124.9
	Jun 2016	930	15.6	642.00	1671	-27	135.51	255.0	115.9	100	124.6

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2014 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	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 2013	626	10.2	448.51	590	1	80.88	120.0	43.4	100	69.3
H	Aug 2013	552	9.0	449.22	604	14	82.71	120.0	37.0	100	67.0
I	Sep 2013	486	8.2	446.96	560	-43	80.66	120.0	34.5	100	71.0
	WY 2013	**6389**							**439.1**		
S	Oct 2013	467	7.6	447.91	578	18	83.28	96.0	31.7	80	67.9
T	Nov 2013	314	5.3	448.37	587	9	82.63	92.4	22.1	77	70.5
O	Dec 2013	285	4.6	445.37	531	-56	80.69	91.2	19.0	76	66.8
R	Jan 2014	353	5.7	446.23	547	16	80.02	90.0	24.2	75	68.4
I	Feb 2014	450	8.1	448.13	582	35	82.38	92.4	31.2	77	69.4
C	Mar 2014	809	13.1	447.05	562	-20	77.18	106.8	55.4	89	68.5
A	Apr 2014	756	12.7	448.11	582	20	80.82	120.0	52.3	100	69.1
L	May 2014	694	11.3	448.48	589	7	80.45	106.8	49.2	89	70.8
*	Jun 2014	713	12.0	447.90	578	-11	81.61	120.0	49.8	100	69.8
	Jul 2014	717	11.7	448.50	589	11	75.57	120.0	47.4	100	66.2
	Aug 2014	599	9.7	448.00	580	-9	75.61	120.0	39.4	100	65.8
	Sep 2014	543	9.1	446.81	557	-23	74.79	120.0	35.3	100	65.1
	WY 2014	**6700**							**457.0**		
	Oct 2014	447	7.3	446.31	548	-9	74.77	102.0	28.9	85	64.6
	Nov 2014	366	6.2	446.50	552	3	74.62	102.0	23.4	85	64.0
	Dec 2014	273	4.4	446.50	552	0	74.71	102.0	17.1	85	62.7
	Jan 2015	350	5.7	446.50	552	0	74.71	102.0	22.3	85	63.7
	Feb 2015	454	8.2	446.50	552	0	73.92	120.0	29.1	100	64.2
	Mar 2015	711	11.6	446.70	555	4	74.01	120.0	46.2	100	64.9
	Apr 2015	801	13.5	448.70	593	38	75.08	120.0	52.9	100	66.0
	May 2015	707	11.5	448.70	593	0	76.05	120.0	47.0	100	66.5
	Jun 2015	697	11.7	448.70	593	0	76.05	120.0	46.4	100	66.5
	Jul 2015	723	11.8	448.00	580	-13	75.71	120.0	47.9	100	66.3
	Aug 2015	640	10.4	447.50	571	-9	75.13	120.0	42.0	100	65.6
	Sep 2015	563	9.5	446.81	557	-13	74.55	120.0	36.5	100	65.0
	WY 2015	**6732**							**439.8**		
	Oct 2015	464	7.5	446.31	548	-9	74.77	102.0	30.0	85	64.7
	Nov 2015	382	6.4	446.50	552	3	74.62	102.0	24.5	85	64.1
	Dec 2015	287	4.7	446.50	552	0	74.71	102.0	18.1	85	62.9
	Jan 2016	348	5.7	446.50	552	0	74.71	102.0	22.2	85	63.7
	Feb 2016	437	7.6	446.50	552	0	73.92	120.0	28.0	100	64.0
	Mar 2016	732	11.9	446.70	555	4	74.01	120.0	47.6	100	65.0
	Apr 2016	816	13.7	448.70	593	38	75.08	120.0	53.9	100	66.1
	May 2016	726	11.8	448.70	593	0	76.05	120.0	48.3	100	66.5
	Jun 2016	709	11.9	448.70	593	0	76.05	120.0	47.2	100	66.6

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2014 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 2013	361	26	26	35	20	3
H	Aug 2013	338	26	23	31	18	3
I	Sep 2013	253	25	17	24	14	3
	Summer 2013	**1789**	**173**	**108**	**153**	**90**	**19**
S	Oct 2013	202	19	12	16	10	1
T	Nov 2013	231	18	3	0	1	4
O	Dec 2013	253	19	3	0	1	5
R	Jan 2014	337	19	3	0	0	4
I	Feb 2014	247	17	3	4	0	4
C	Mar 2014	207	19	6	8	4	4
	Winter 2014	**1477**	**110**	**30**	**28**	**17**	**22**
A	Apr 2014	206	19	7	13	9	5
L	May 2014	204	20	19	32	17	6
*	Jun 2014	260	80	54	103	21	7
	Jul 2014	322	38	35	39	21	10
	Aug 2014	322	38	34	41	21	9
	Sep 2014	243	37	23	29	15	3
	Summer 2014	**1557**	**232**	**172**	**257**	**104**	**40**
	Oct 2014	240	38	16	21	11	8
	Nov 2014	239	36	16	21	11	7
	Dec 2014	316	38	9	12	6	7
	Jan 2015	314	38	17	22	11	6
	Feb 2015	254	34	16	20	10	5
	Mar 2015	253	38	13	18	10	5
	Winter 2015	**1616**	**221**	**88**	**114**	**59**	**39**
	Apr 2015	233	36	10	17	10	4
	May 2015	256	52	35	50	23	5
	Jun 2015	323	56	15	25	17	9
	Jul 2015	407	34	27	33	18	10
	Aug 2015	424	34	39	46	23	9
	Sep 2015	322	32	37	45	22	3
	Summer 2015	**1965**	**244**	**163**	**216**	**114**	**40**
	Oct 2015	239	34	17	21	11	6
	Nov 2015	239	32	17	21	11	6
	Dec 2015	317	33	22	27	14	6
	Jan 2016	314	33	21	27	14	5
	Feb 2016	254	31	15	19	10	4
	Mar 2016	253	33	9	13	7	4
	Winter 2016	**1363**	**164**	**91**	**115**	**59**	**27**
	Apr 2016	234	39	12	19	11	5
	May 2016	258	69	35	52	23	7
	Jun 2016	327	39	23	35	22	9

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2014 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Jul 2014	559	170	519	11673	12922	17144	30066	154	-2	10	162	11673	17144	28980	1500	968	0	30.7
								****CREDITABLE SPACE****										
Aug 2014	423	171	567	11624	12784	17335	30120	423	171	567	1161	11624	17335	30120	1500	809	0	30.3
Sep 2014	455	217	598	11882	13151	17327	30479	455	217	598	1269	11882	17327	30479	2270	652	0	29.9
Oct 2014	505	248	606	12072	13431	17352	30783	505	248	606	1358	12072	17352	30783	3040	571	0	29.6
Nov 2014	549	258	604	12195	13607	17336	30943	549	258	604	1411	12195	17336	30943	3810	655	0	29.4
Dec 2014	592	278	602	12316	13789	17389	31178	592	278	602	1472	12316	17389	31178	4580	614	0	29.3
Jan 2015	655	276	608	12700	14239	17165	31404	655	276	608	1539	12700	17165	31404	5350	641	0	29.1
								****EFFECTIVE SPACE****										
Jan 2015	655	276	608	12700	14239	17165	31404	262	272	351	885	12700	17165	30750	5350	641	0	29.1
Feb 2015	714	306	615	13039	14673	16979	31652	319	304	357	980	13039	16979	30998	1500	718	0	28.8
Mar 2015	759	335	615	13231	14940	17003	31943	362	335	356	1053	13231	17003	31287	1500	1049	0	28.4
Apr 2015	766	344	584	13339	15033	17355	32389	365	344	319	1028	13339	17355	31723	1500	1132	0	28.2
May 2015	740	309	522	13175	14746	17833	32579	333	309	236	878	13175	17833	31886	1500	1016	0	29.4
Jun 2015	689	225	395	11971	13281	18190	31471	274	214	73	562	11971	18190	30723	1500	938	0	30.7
Jul 2015	538	44	405	10781	11769	18373	30142	108	12	31	151	10781	18373	29306	1500	918	0	30.5
								****CREDITABLE SPACE****										
Aug 2015	448	27	431	11050	11956	18326	30282	448	27	431	906	11050	18326	30282	1500	849	0	30.0
Sep 2015	477	91	447	11593	12609	18118	30727	477	91	447	1016	11593	18118	30727	2270	691	0	29.6
Oct 2015	531	166	447	11931	13075	17995	31070	531	166	447	1144	11931	17995	31070	3040	558	0	29.3
Nov 2015	577	179	437	12046	13239	17965	31204	577	179	437	1193	12046	17965	31204	3810	587	0	29.2
Dec 2015	620	202	436	12163	13422	17955	31376	620	202	436	1258	12163	17955	31376	4580	530	0	29.1
Jan 2016	679	248	438	12499	13864	17651	31514	679	248	438	1365	12499	17651	31514	5350	631	0	29.0
								****EFFECTIVE SPACE****										
Jan 2016	679	248	438	12499	13864	17651	31514	382	248	219	849	12499	17651	30998	5350	631	0	29.0
Feb 2016	732	295	442	12820	14289	17456	31745	433	295	222	951	12820	17456	31226	1500	693	0	28.7
Mar 2016	775	322	436	13010	14543	17456	32000	474	322	215	1012	13010	17456	31478	1500	1062	0	28.4
Apr 2016	769	317	384	13079	14548	17821	32369	464	317	156	937	13079	17821	31837	1500	1139	0	28.3
May 2016	748	285	300	12835	14168	18305	32473	437	285	50	772	12835	18305	31912	1500	1028	0	29.5
Jun 2016	701	195	308	11442	12647	18673	31320	382	189	21	592	11442	18673	30707	1500	942	0	31.0

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