To: All Annual Operating Plan Recipients

From: Lower Colorado Region
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In addition to the January 2013 24-Month Study based on the Most Probable inflow scenario, Reclamation conducted model runs to determine a possible range of reservoir elevations under Probable Minimum and Probable Maximum inflow scenarios in water year 2013. The Probable Minimum inflow scenario reflects a dry hydrologic condition which statistically would be exceeded 90% of the time. The Most Probable inflow scenario reflects a median hydrologic condition which statistically would be exceeded 50% of the time. The Probable Maximum inflow scenario reflects a wet hydrologic condition which statistically would be exceeded only 10% of the time. There is approximately an 80% probability that a future elevation will fall inside the range of the minimum and maximum inflow scenarios. There are possible inflow scenarios that would result in reservoir elevations falling outside the ranges indicated in these reports.

The projected Lake Mead elevations resulting from these three inflow scenarios are summarized in a graph located at the following link: http://www.usbr.gov/lc/region/g4000/24mo/2013/January-Chart.pdf.

The operation of Lake Powell and Lake Mead in this January 2013 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 draft 2013 AOP. Pursuant to the Interim Guidelines, the August 2012 24-Month Study projections of the January 1, 2013 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2013.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2013 is the Upper Elevation Balancing Tier. Under this operational tier, the annual release from Lake Powell is 8.23 million acre-feet (maf).

Consistent with Section 6.B.3 of the Interim Guidelines, an adjustment to the water year operation of Lake Powell can occur in April based on the April 24-Month Study projection of the September 30 system storage and reservoir water surface elevations. In this 24-month study, the **January 2013 Probable Minimum** inflow scenario projects Lake Powell's elevation on September 30, 2013, to be below the 2013 Equalization level of 3,646.0 feet; therefore, an April 2013 adjustment to the Equalization Tier is not projected to occur and the water year 2013 release volume from Lake Powell for 2013 is projected to be 8.23 maf. Based on analysis of a range of inflow scenarios, the current probability of realizing an inflow volume that would trigger Equalization in 2013 is less than 5 percent.

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 2013.

The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The draft 2013 AOP is available for download at http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP13_draft.pdf.

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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January 2013 24-Month Study

Minimum 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)
*	Jan 2012	32	1	74	0	74	6479.61	165
H	Feb 2012	30	0	69	0	69	6471.56	126
I	Mar 2012	64	0	67	0	67	6470.82	123
S	Apr 2012	98	1	60	0	60	6478.72	160
T	May 2012	130	1	61	0	62	6489.92	227
O	Jun 2012	189	2	83	16	99	6502.11	315
R	Jul 2012	92	3	72	3	75	6503.94	329
I	Aug 2012	36	2	68	0	68	6499.56	296
C	Sep 2012	23	2	46	8	54	6495.11	263
	WY 2012	**825**	**15**	**750**	**94**	**845**		
A	Oct 2012	29	1	25	28	53	6491.56	238
L	Nov 2012	35	1	22	28	51	6489.08	221
*	Dec 2012	28	1	52	0	52	6485.19	196
	Jan 2013	25	1	56	0	56	6479.84	166
	Feb 2013	22	0	49	0	49	6474.33	138
	Mar 2013	43	0	52	0	52	6472.21	129
	Apr 2013	50	1	46	0	46	6472.83	132
	May 2013	65	1	48	0	48	6476.29	148
	Jun 2013	105	2	46	0	46	6486.45	205
	Jul 2013	45	2	48	0	48	6485.70	200
	Aug 2013	32	2	48	0	48	6482.78	183
	Sep 2013	26	1	46	0	46	6479.02	162
	WY 2013	**505**	**13**	**538**	**56**	**594**		
	Oct 2013	36	1	48	0	48	6476.52	149
	Nov 2013	38	0	46	0	46	6474.76	140
	Dec 2013	30	0	48	0	48	6470.84	123
	Jan 2014	28	0	48	0	48	6466.04	103
	Feb 2014	26	0	43	0	43	6461.38	86
	Mar 2014	47	0	0	48	48	6461.22	85
	Apr 2014	65	1	46	0	46	6466.20	104
	May 2014	116	1	48	0	48	6480.79	171
	Jun 2014	180	2	49	0	49	6500.14	300
	Jul 2014	99	3	52	0	52	6505.74	344
	Aug 2014	47	2	52	0	52	6504.73	336
	Sep 2014	33	2	49	0	49	6502.44	318
	WY 2014	**746**	**14**	**529**	**48**	**576**		
	Oct 2014	36	1	45	0	45	6501.24	308
	Nov 2014	39	1	49	0	49	6499.87	298
	Dec 2014	32	1	48	0	48	6497.65	282

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

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January 2013 24-Month Study

Minimum 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)
*	Jan 2012	45	87	2	148	0	148	134	6029.85	3343	189
H	Feb 2012	47	86	2	140	0	140	132	6028.43	3289	186
I	Mar 2012	104	107	3	162	0	162	130	6026.95	3233	286
S	Apr 2012	136	98	5	122	0	122	129	6026.21	3205	331
T	May 2012	153	85	8	159	19	178	125	6023.57	3108	385
O	Jun 2012	188	98	10	87	0	87	125	6023.59	3108	156
R	Jul 2012	93	76	12	84	0	84	124	6023.04	3088	99
I	Aug 2012	29	60	12	80	0	80	123	6022.19	3058	90
C	Sep 2012	19	50	10	68	0	68	122	6021.43	3030	78
	WY 2012	**990**	**1010**	**78**	**1366**	**20**	**1386**				**2278**
A	Oct 2012	24	48	7	52	0	52	122	6021.15	3020	69
L	Nov 2012	39	55	3	49	0	49	122	6021.23	3023	73
*	Dec 2012	25	50	2	70	0	70	121	6020.63	3002	109
	Jan 2013	28	59	2	74	0	74	120	6020.17	2986	74
	Feb 2013	32	59	2	66	0	66	120	6019.91	2977	66
	Mar 2013	83	92	3	50	0	50	121	6020.99	3015	50
	Apr 2013	78	74	5	48	0	48	122	6021.58	3036	48
	May 2013	96	79	7	95	0	95	121	6020.94	3013	95
	Jun 2013	119	60	10	89	0	89	120	6019.87	2975	89
	Jul 2013	42	45	12	49	0	49	119	6019.41	2959	49
	Aug 2013	31	47	12	49	0	49	119	6019.04	2946	49
	Sep 2013	28	47	10	48	0	48	118	6018.75	2936	48
	WY 2013	**625**	**715**	**75**	**739**	**0**	**739**				**818**
	Oct 2013	39	50	7	49	0	49	118	6018.60	2930	49
	Nov 2013	41	49	3	48	0	48	118	6018.56	2929	48
	Dec 2013	28	45	2	49	0	49	118	6018.40	2923	49
	Jan 2014	35	54	2	49	0	49	118	6018.49	2927	49
	Feb 2014	39	56	2	44	0	44	118	6018.74	2936	44
	Mar 2014	86	86	3	49	0	49	119	6019.68	2968	49
	Apr 2014	97	78	5	48	0	48	120	6020.38	2993	48
	May 2014	163	95	7	102	0	102	120	6019.97	2979	102
	Jun 2014	217	86	10	78	0	78	120	6019.93	2977	78
	Jul 2014	106	60	13	49	0	49	120	6019.88	2975	49
	Aug 2014	47	53	12	49	0	49	119	6019.65	2967	49
	Sep 2014	33	49	10	48	0	48	119	6019.40	2958	48
	WY 2014	**930**	**760**	**74**	**663**	**0**	**663**				**663**
	Oct 2014	42	50	7	49	0	49	119	6019.24	2953	49
	Nov 2014	48	58	3	48	0	48	119	6019.43	2960	48
	Dec 2014	35	50	2	49	0	49	119	6019.43	2959	49

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

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January 2013 24-Month Study

Minimum 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)
*	Jan 2012	4	5	9307.37	66
H	Feb 2012	4	4	9307.22	66
I	Mar 2012	6	4	9308.28	67
S	Apr 2012	10	4	9311.81	73
T	May 2012	16	8	9316.40	81
O	Jun 2012	9	15	9312.87	75
R	Jul 2012	6	14	9307.53	66
I	Aug 2012	4	12	9302.28	58
C	Sep 2012	4	6	9300.80	56
	WY 2012	**80**	**94**		
A	Oct 2012	4	4	9301.04	57
L	Nov 2012	3	3	9301.07	57
*	Dec 2012	3	3	9301.09	57
	Jan 2013	3	5	9299.70	55
	Feb 2013	2	5	9297.82	52
	Mar 2013	3	5	9296.34	50
	Apr 2013	5	5	9297.10	51
	May 2013	16	8	9303.05	59
	Jun 2013	18	15	9305.39	63
	Jul 2013	7	18	9297.51	52
	Aug 2013	5	18	9286.61	39
	Sep 2013	5	16	9274.59	28
	WY 2013	**75**	**103**		
	Oct 2013	6	10	9268.93	24
	Nov 2013	5	5	9269.00	24
	Dec 2013	4	5	9268.36	24
	Jan 2014	4	5	9267.78	23
	Feb 2014	4	5	9266.50	22
	Mar 2014	4	5	9265.97	22
	Apr 2014	8	5	9270.51	25
	May 2014	23	8	9287.79	40
	Jun 2014	31	15	9300.59	56
	Jul 2014	11	18	9295.06	49
	Aug 2014	7	18	9285.39	38
	Sep 2014	6	16	9274.36	28
	WY 2014	**112**	**112**		
	Oct 2014	6	10	9269.09	24
	Nov 2014	5	5	9269.81	25
	Dec 2014	5	5	9270.06	25

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

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January 2013 24-Month Study

Minimum 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)
*	Jan 2012	22	23	0	52	0	52	7485.29	545
H	Feb 2012	21	22	0	34	0	34	7483.66	533
I	Mar 2012	40	39	0	32	0	32	7484.49	539
S	Apr 2012	57	51	1	58	0	58	7483.54	532
T	May 2012	74	66	1	71	0	71	7482.82	527
O	Jun 2012	45	50	1	93	0	93	7476.82	483
R	Jul 2012	30	39	1	90	0	90	7469.29	431
I	Aug 2012	28	36	1	79	0	79	7462.48	387
C	Sep 2012	19	21	1	67	0	67	7454.82	340
	WY 2012	**427**	**442**	**7**	**793**	**0**	**793**		
A	Oct 2012	20	20	0	33	0	33	7452.55	327
L	Nov 2012	19	19	0	19	0	19	7452.39	326
*	Dec 2012	18	18	0	16	0	16	7452.65	328
	Jan 2013	16	18	0	22	0	22	7451.91	323
	Feb 2013	14	17	0	13	0	13	7452.49	327
	Mar 2013	23	25	0	18	0	18	7453.72	334
	Apr 2013	45	44	1	30	0	30	7455.96	347
	May 2013	105	97	1	56	0	56	7462.47	387
	Jun 2013	103	99	1	63	0	63	7467.89	422
	Jul 2013	38	49	1	88	0	88	7461.67	382
	Aug 2013	32	44	1	94	0	94	7453.27	331
	Sep 2013	25	36	1	75	0	75	7446.21	292
	WY 2013	**457**	**485**	**6**	**527**	**0**	**527**		
	Oct 2013	32	36	0	41	0	41	7445.29	287
	Nov 2013	29	29	0	12	0	12	7448.45	304
	Dec 2013	25	25	0	13	0	13	7450.66	316
	Jan 2014	24	25	0	14	0	14	7452.64	327
	Feb 2014	22	23	0	11	0	11	7454.67	339
	Mar 2014	34	35	0	15	0	15	7457.90	358
	Apr 2014	63	60	1	29	0	29	7462.85	389
	May 2014	156	140	1	71	0	71	7473.17	457
	Jun 2014	177	162	1	50	0	50	7488.24	568
	Jul 2014	62	69	1	88	0	88	7485.61	548
	Aug 2014	45	56	1	97	0	97	7479.93	505
	Sep 2014	29	39	1	78	0	78	7474.42	466
	WY 2014	**699**	**699**	**7**	**518**	**0**	**518**		
	Oct 2014	32	36	0	41	0	41	7473.70	461
	Nov 2014	30	29	0	12	0	12	7476.13	478
	Dec 2014	26	25	0	13	0	13	7477.85	490

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January 2013 24-Month Study

Minimum 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)
*	Jan 2012	23	52	1	53	52	0	52	7155.61	113
H	Feb 2012	22	34	1	35	35	0	35	7155.27	113
I	Mar 2012	43	32	2	35	34	0	34	7156.25	114
S	Apr 2012	63	58	6	64	63	0	63	7157.05	115
T	May 2012	80	71	6	76	79	0	79	7154.07	112
O	Jun 2012	45	93	1	93	93	0	93	7154.59	113
R	Jul 2012	31	90	0	90	89	0	89	7155.86	114
I	Aug 2012	28	79	0	80	80	0	80	7154.84	113
C	Sep 2012	19	67	0	68	71	0	71	7150.03	109
	WY 2012	**447**	**793**	**21**	**814**	**811**	**0**	**811**		
A	Oct 2012	22	33	1	34	40	0	40	7142.80	104
L	Nov 2012	20	19	1	20	16	0	16	7148.49	108
*	Dec 2012	18	16	1	17	18	0	18	7146.50	106
	Jan 2013	17	22	1	23	17	0	17	7153.73	112
	Feb 2013	15	13	1	14	14	0	14	7153.73	112
	Mar 2013	25	18	2	20	20	0	20	7153.73	112
	Apr 2013	53	30	8	38	38	0	38	7153.73	112
	May 2013	119	56	14	70	70	0	70	7153.73	112
	Jun 2013	108	63	5	68	68	0	68	7153.73	112
	Jul 2013	41	88	3	91	91	0	91	7153.73	112
	Aug 2013	34	94	2	96	96	0	96	7153.73	112
	Sep 2013	28	75	2	77	77	0	77	7153.73	112
	WY 2013	**498**	**527**	**41**	**568**	**565**	**0**	**565**		
	Oct 2013	35	41	3	44	44	0	44	7153.73	112
	Nov 2013	31	12	2	14	14	0	14	7153.73	112
	Dec 2013	27	13	2	15	15	0	15	7153.73	112
	Jan 2014	26	14	2	15	15	0	15	7153.73	112
	Feb 2014	24	11	2	13	13	0	13	7153.73	112
	Mar 2014	38	15	4	19	19	0	19	7153.73	112
	Apr 2014	72	29	9	38	38	0	38	7153.73	112
	May 2014	171	71	16	87	87	0	87	7153.73	112
	Jun 2014	187	50	10	60	60	0	60	7153.73	112
	Jul 2014	64	88	2	90	90	0	90	7153.73	112
	Aug 2014	47	97	2	99	99	0	99	7153.73	112
	Sep 2014	31	78	2	80	80	0	80	7153.73	112
	WY 2014	**755**	**518**	**55**	**573**	**573**	**0**	**573**		
	Oct 2014	35	41	3	44	44	0	44	7153.73	112
	Nov 2014	32	12	2	14	14	0	14	7153.73	112
	Dec 2014	28	13	2	15	15	0	15	7153.73	112

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January 2013 24-Month Study

Minimum 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)
*	Jan 2012	27	52	3	56	53	3	56	6751.28	16	1	57
H	Feb 2012	26	35	3	38	15	23	38	6751.90	17	1	40
I	Mar 2012	49	34	6	40	40	0	40	6751.80	17	6	36
S	Apr 2012	71	63	8	71	71	0	71	6752.10	17	50	23
T	May 2012	86	79	6	84	86	0	86	6745.87	15	65	23
O	Jun 2012	49	93	3	96	97	0	97	6744.24	14	63	36
R	Jul 2012	35	89	4	93	93	0	93	6745.39	15	62	35
I	Aug 2012	32	80	3	84	84	0	84	6743.63	14	52	36
C	Sep 2012	22	71	2	74	63	11	74	6743.29	14	45	32
	WY 2012	**498**	**811**	**51**	**862**	**824**	**38**	**862**			**397**	**492**
A	Oct 2012	24	40	3	42	40	0	40	6750.72	16	20	20
L	Nov 2012	23	16	4	19	21	0	21	6746.77	15	1	19
*	Dec 2012	22	18	4	22	22	0	22	6749.11	16	1	20
	Jan 2013	20	17	3	20	19	0	19	6753.04	17	0	19
	Feb 2013	18	14	3	17	17	0	17	6753.04	17	0	17
	Mar 2013	29	20	4	24	24	0	24	6753.04	17	5	18
	Apr 2013	62	38	10	48	48	0	48	6753.04	17	30	18
	May 2013	138	70	20	89	89	0	89	6753.04	17	55	34
	Jun 2013	118	68	10	78	78	0	78	6753.04	17	60	18
	Jul 2013	47	91	6	97	97	0	97	6753.04	17	65	32
	Aug 2013	39	96	5	101	101	0	101	6753.04	17	65	36
	Sep 2013	32	77	5	82	82	0	82	6753.04	17	55	27
	WY 2013	**572**	**565**	**74**	**640**	**637**	**0**	**637**			**357**	**279**
	Oct 2013	40	44	6	49	49	0	49	6753.04	17	30	19
	Nov 2013	35	14	4	18	18	0	18	6753.04	17	0	18
	Dec 2013	31	15	4	19	19	0	19	6753.04	17	0	19
	Jan 2014	30	15	4	19	19	0	19	6753.04	17	0	19
	Feb 2014	28	13	4	17	17	0	17	6753.04	17	0	17
	Mar 2014	43	19	6	24	24	0	24	6753.04	17	5	19
	Apr 2014	83	38	10	48	48	0	48	6753.04	17	30	18
	May 2014	193	87	21	108	108	0	108	6753.04	17	55	53
	Jun 2014	206	60	19	79	79	0	79	6753.04	17	60	19
	Jul 2014	70	90	6	96	96	0	96	6753.04	17	65	31
	Aug 2014	53	99	6	105	105	0	105	6753.04	17	65	40
	Sep 2014	37	80	5	85	85	0	85	6753.04	17	55	30
	WY 2014	**848**	**573**	**94**	**667**	**667**	**0**	**667**			**365**	**302**
	Oct 2014	41	44	6	50	50	0	50	6753.04	17	30	20
	Nov 2014	37	14	5	19	19	0	19	6753.04	17	0	19
	Dec 2014	32	15	5	20	20	0	20	6753.04	17	0	20

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January 2013 24-Month Study

Minimum 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)
*	Jan 2012	5	3	7645.42	76
H	Feb 2012	4	4	7645.50	76
I	Mar 2012	12	4	7648.84	84
S	Apr 2012	36	3	7661.80	117
T	May 2012	42	35	7664.36	124
O	Jun 2012	17	36	7656.80	104
R	Jul 2012	11	35	7647.02	80
I	Aug 2012	7	33	7634.93	54
C	Sep 2012	4	22	7624.48	36
	WY 2012	**168**	**188**		
A	Oct 2012	3	3	7624.51	36
L	Nov 2012	3	1	7625.69	37
*	Dec 2012	3	0	7627.33	40
	Jan 2013	2	0	7628.53	42
	Feb 2013	2	0	7629.42	44
	Mar 2013	4	0	7631.13	47
	Apr 2013	12	0	7637.15	58
	May 2013	40	23	7645.04	75
	Jun 2013	24	39	7638.04	60
	Jul 2013	9	35	7622.92	33
	Aug 2013	9	30	7603.33	12
	Sep 2013	10	16	7594.76	6
	WY 2013	**121**	**148**		
	Oct 2013	11	6	7601.94	10
	Nov 2013	8	0	7610.44	18
	Dec 2013	6	0	7615.95	24
	Jan 2014	6	0	7620.10	29
	Feb 2014	5	0	7623.37	34
	Mar 2014	8	0	7627.83	41
	Apr 2014	19	0	7637.47	59
	May 2014	62	31	7651.22	90
	Jun 2014	49	43	7653.70	96
	Jul 2014	18	42	7643.47	72
	Aug 2014	15	38	7632.02	48
	Sep 2014	15	30	7622.89	33
	WY 2014	**220**	**190**		
	Oct 2014	11	17	7618.13	27
	Nov 2014	8	0	7623.42	34
	Dec 2014	6	0	7627.21	40

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2013 24-Month Study

Minimum 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)
*	Jan 2012	18	0	16	1	1	30	6055.85	1296	50
H	Feb 2012	19	0	18	1	1	28	6054.95	1285	46
I	Mar 2012	74	7	61	2	6	31	6056.81	1308	70
S	Apr 2012	149	18	98	2	27	30	6059.88	1346	96
T	May 2012	131	17	105	4	34	110	6056.40	1303	176
O	Jun 2012	20	4	35	4	46	42	6051.70	1246	57
R	Jul 2012	10	1	33	4	44	52	6045.91	1178	60
I	Aug 2012	0	0	26	3	45	55	6038.86	1101	46
C	Sep 2012	-2	0	17	2	22	58	6032.62	1035	65
	WY 2012	**522**	**53**	**490**	**26**	**236**	**521**			**821**
A	Oct 2012	3	0	3	1	11	40	6027.78	986	57
L	Nov 2012	9	0	7	1	0	23	6026.11	970	32
*	Dec 2012	12	0	9	0	0	22	6024.73	957	28
	Jan 2013	12	0	10	0	0	29	6022.72	937	29
	Feb 2013	15	0	13	1	0	29	6021.04	922	29
	Mar 2013	41	0	38	1	2	32	6021.35	924	32
	Apr 2013	88	11	66	2	18	21	6024.00	950	21
	May 2013	156	22	116	3	32	15	6030.62	1015	15
	Jun 2013	65	8	72	3	48	15	6031.18	1020	15
	Jul 2013	1	1	27	3	53	53	6022.76	938	53
	Aug 2013	9	0	30	3	45	65	6013.74	855	65
	Sep 2013	17	0	22	2	26	46	6007.86	804	46
	WY 2013	**428**	**42**	**414**	**21**	**234**	**390**			**423**
	Oct 2013	27	0	22	1	7	34	6005.55	784	34
	Nov 2013	25	0	18	1	0	26	6004.49	775	26
	Dec 2013	22	0	16	0	0	28	6003.02	763	28
	Jan 2014	21	0	16	0	0	29	6001.32	749	29
	Feb 2014	27	0	22	1	0	25	6000.92	746	25
	Mar 2014	80	1	72	1	2	27	6006.01	788	27
	Apr 2014	120	10	92	2	18	16	6012.54	844	16
	May 2014	221	26	164	3	33	15	6024.88	958	15
	Jun 2014	142	17	118	3	48	15	6030.10	1010	15
	Jul 2014	23	2	45	3	53	44	6024.37	953	44
	Aug 2014	19	0	42	3	46	62	6017.04	885	62
	Sep 2014	26	0	41	2	26	45	6013.52	853	45
	WY 2014	**753**	**55**	**668**	**20**	**232**	**367**			**367**
	Oct 2014	28	0	34	1	7	32	6012.96	848	32
	Nov 2014	28	0	20	1	0	27	6012.11	840	27
	Dec 2014	25	0	19	0	0	29	6010.93	830	29

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2013 24-Month Study

Minimum 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)
*	Jan 2012	356	503	10	852	0	852	3636.91	5305	15641	846
H	Feb 2012	342	460	11	653	0	653	3635.28	5290	15453	654
I	Mar 2012	560	625	19	600	0	600	3635.33	5290	15458	607
S	Apr 2012	764	689	29	606	0	606	3635.76	5294	15508	612
T	May 2012	792	770	35	601	0	601	3636.83	5304	15632	606
O	Jun 2012	353	398	54	709	0	709	3633.90	5277	15294	712
R	Jul 2012	154	285	62	886	0	886	3628.45	5228	14680	892
I	Aug 2012	101	289	60	800	0	800	3623.62	5186	14151	810
C	Sep 2012	104	296	54	481	0	481	3621.56	5168	13929	478
	WY 2012	**4908**	**5964**	**455**	**9466**	**0**	**9466**				**9527**
A	Oct 2012	190	294	37	498	0	498	3619.46	5150	13706	495
L	Nov 2012	246	273	35	652	78	730	3615.10	5114	13251	736
*	Dec 2012	201	247	27	801	0	801	3609.82	5071	12713	800
	Jan 2013	230	292	8	800	0	800	3605.01	5032	12234	800
	Feb 2013	250	297	9	600	0	600	3602.04	5009	11946	600
	Mar 2013	420	374	14	600	0	600	3599.72	4992	11723	600
	Apr 2013	396	313	23	550	0	550	3597.18	4972	11483	550
	May 2013	690	555	26	600	0	600	3596.48	4967	11417	600
	Jun 2013	647	584	40	800	0	800	3593.92	4948	11179	800
	Jul 2013	66	229	47	801	0	801	3587.62	4902	10606	801
	Aug 2013	134	316	45	850	0	850	3581.52	4859	10070	850
	Sep 2013	194	318	40	600	0	600	3578.03	4835	9772	600
	WY 2013	**3665**	**4092**	**352**	**8152**	**78**	**8230**				**8232**
	Oct 2013	349	382	27	480	0	480	3576.65	4826	9655	480
	Nov 2013	419	409	26	500	0	500	3575.35	4817	9546	500
	Dec 2013	330	345	21	600	0	600	3572.25	4797	9290	600
	Jan 2014	329	341	6	800	0	800	3566.91	4762	8859	800
	Feb 2014	372	364	6	600	0	600	3564.06	4745	8635	600
	Mar 2014	585	479	11	600	0	600	3562.48	4735	8513	600
	Apr 2014	747	587	17	500	0	500	3563.32	4740	8578	500
	May 2014	1625	1331	21	600	0	600	3571.59	4793	9236	600
	Jun 2014	1654	1327	35	600	0	600	3579.27	4844	9877	600
	Jul 2014	404	449	43	800	0	800	3574.94	4815	9512	800
	Aug 2014	256	400	41	800	0	800	3569.96	4782	9104	800
	Sep 2014	287	395	37	600	0	600	3567.17	4764	8880	600
	WY 2014	**7356**	**6808**	**291**	**7480**	**0**	**7480**				**7480**
	Oct 2014	361	387	25	600	0	600	3564.36	4746	8659	600
	Nov 2014	447	428	24	600	0	600	3562.02	4732	8477	600
	Dec 2014	363	368	19	800	0	800	3556.51	4699	8060	800

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2013 24-Month Study

Minimum 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)
*	Jan 2012	852	55	37	713	11.6	9	712	976	1134.18	15022
H	Feb 2012	653	44	34	775	13.5	10	775	969	1133.06	14907
I	Mar 2012	600	43	38	986	16.0	16	985	945	1129.41	14535
S	Apr 2012	606	46	46	1170	19.7	20	1163	909	1123.93	13986
T	May 2012	601	16	52	1008	16.4	30	1007	880	1119.38	13541
O	Jun 2012	709	7	62	989	16.6	28	989	858	1115.84	13200
R	Jul 2012	886	69	77	841	13.7	29	819	858	1115.92	13207
I	Aug 2012	800	169	82	798	13.0	24	793	862	1116.56	13269
C	Sep 2012	481	97	67	635	10.7	18	634	854	1115.16	13135
	WY 2012	**9466**	**732**	**638**	**9421**		**226**	**9356**			
A	Oct 2012	498	53	49	346	5.6	20	331	862	1116.50	13263
L	Nov 2012	730	60	49	650	10.9	14	649	867	1117.24	13334
*	Dec 2012	801	50	43	476	7.7	11	432	886	1120.36	13636
	Jan 2013	800	50	35	617	10.0	15	617	898	1122.12	13809
	Feb 2013	600	73	32	663	11.9	17	663	895	1121.74	13771
	Mar 2013	600	52	36	967	15.7	21	967	872	1118.15	13422
	Apr 2013	550	29	44	1123	18.9	13	1123	836	1112.24	12858
	May 2013	600	30	49	1025	16.7	24	1025	807	1107.53	12418
	Jun 2013	800	10	59	944	15.9	22	944	794	1105.33	12216
	Jul 2013	801	32	73	930	15.1	28	930	782	1103.30	12031
	Aug 2013	850	74	77	859	14.0	23	859	780	1102.93	11999
	Sep 2013	600	58	63	686	11.5	18	686	773	1101.79	11896
	WY 2013	**8230**	**571**	**609**	**9285**		**227**	**9224**			
	Oct 2013	480	32	46	525	8.5	17	525	769	1101.00	11825
	Nov 2013	500	36	46	602	10.1	23	602	760	1099.59	11698
	Dec 2013	600	62	39	526	8.6	18	526	765	1100.41	11772
	Jan 2014	800	63	32	697	11.3	16	697	772	1101.65	11883
	Feb 2014	600	82	30	674	12.1	18	674	770	1101.25	11847
	Mar 2014	600	62	33	1015	16.5	21	1015	745	1096.95	11465
	Apr 2014	500	36	40	1104	18.6	14	1104	707	1090.27	10880
	May 2014	600	49	45	1001	16.3	24	1001	682	1085.66	10485
	Jun 2014	600	11	54	930	15.6	22	930	657	1081.24	10114
	Jul 2014	800	38	66	863	14.0	28	863	650	1079.89	10002
	Aug 2014	800	95	70	826	13.4	23	826	649	1079.61	9979
	Sep 2014	600	63	58	623	10.5	19	623	646	1079.19	9944
	WY 2014	**7480**	**628**	**559**	**9384**		**243**	**9384**			
	Oct 2014	600	46	42	452	7.4	17	452	655	1080.71	10070
	Nov 2014	600	39	42	590	9.9	23	590	654	1080.52	10054
	Dec 2014	800	52	37	484	7.9	18	484	673	1084.03	10348

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2013 24-Month Study

Minimum 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)
*	Jan 2012	713	-23	10	638	0	638	10.4	640.38	1628
H	Feb 2012	775	-18	10	726	0	726	12.6	641.20	1650
I	Mar 2012	986	-23	13	931	0	931	15.1	641.93	1670
S	Apr 2012	1170	-24	17	1091	0	1091	18.3	643.35	1708
T	May 2012	1008	-14	22	980	0	980	15.9	643.06	1700
O	Jun 2012	989	-19	25	952	0	952	16.0	642.80	1693
R	Jul 2012	841	-9	25	805	0	805	13.1	642.89	1696
I	Aug 2012	798	-11	23	744	0	744	12.1	643.63	1716
C	Sep 2012	635	-5	18	723	0	723	12.1	639.55	1605
	WY 2012	**9421**	**-177**	**197**	**9051**	**0**	**9051**			
A	Oct 2012	346	-3	14	556	0	556	9.0	630.75	1377
L	Nov 2012	650	-11	10	499	0	499	8.4	635.82	1507
*	Dec 2012	476	-6	9	395	0	395	6.4	638.30	1572
	Jan 2013	617	-13	10	508	0	508	8.3	641.50	1658
	Feb 2013	663	-6	10	634	0	634	11.4	642.00	1671
	Mar 2013	967	-14	13	911	0	911	14.8	643.05	1700
	Apr 2013	1123	-14	17	1094	0	1094	18.4	643.00	1699
	May 2013	1025	-14	22	989	0	989	16.1	643.00	1699
	Jun 2013	944	-10	25	936	0	936	15.7	642.00	1671
	Jul 2013	930	-4	25	913	0	913	14.9	641.50	1658
	Aug 2013	859	-7	23	829	0	829	13.5	641.50	1658
	Sep 2013	686	0	18	761	0	761	12.8	638.00	1564
	WY 2013	**9285**	**-105**	**196**	**9024**	**0**	**9024**			
	Oct 2013	525	0	15	640	0	640	10.4	633.00	1434
	Nov 2013	602	-15	10	525	0	525	8.8	635.00	1486
	Dec 2013	526	-19	9	401	0	401	6.5	638.71	1583
	Jan 2014	697	-13	10	591	0	591	9.6	641.80	1666
	Feb 2014	674	-6	10	658	0	658	11.8	641.80	1666
	Mar 2014	1015	-14	13	953	0	953	15.5	643.05	1700
	Apr 2014	1104	-14	17	1075	0	1075	18.1	643.00	1699
	May 2014	1001	-14	22	964	0	964	15.7	643.00	1699
	Jun 2014	930	-10	25	921	0	921	15.5	642.00	1671
	Jul 2014	863	-4	25	847	0	847	13.8	641.50	1658
	Aug 2014	826	-7	23	796	0	796	12.9	641.50	1658
	Sep 2014	623	0	18	698	0	698	11.7	638.00	1564
	WY 2014	**9384**	**-118**	**197**	**9070**	**0**	**9070**			
	Oct 2014	452	0	15	568	0	568	9.2	633.00	1434
	Nov 2014	590	-15	10	514	0	514	8.6	635.00	1486
	Dec 2014	484	-19	9	358	0	358	5.8	638.71	1583

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2013 24-Month Study

Minimum Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	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)
*	Jan 2012	638	11	6	382	6.2	54	187	446.61	554	131	2.1
H	Feb 2012	726	11	8	497	8.6	49	169	447.10	563	159	2.8
I	Mar 2012	931	8	9	711	11.6	21	187	447.23	565	187	3.0
S	Apr 2012	1091	24	11	785	13.2	97	180	449.13	602	183	3.1
T	May 2012	980	26	13	709	11.5	100	179	448.81	596	99	1.6
O	Jun 2012	952	10	15	719	12.1	97	130	448.23	584	103	1.7
R	Jul 2012	805	46	17	675	11.0	101	34	448.91	598	124	2.0
I	Aug 2012	744	26	17	568	9.2	100	85	448.38	587	97	1.6
C	Sep 2012	723	31	15	548	9.2	74	137	446.98	561	90	1.5
	WY 2012	**9051**	**289**	**140**	**6652**		**723**	**1763**			**1435**	
A	Oct 2012	556	34	12	482	7.8	14	32	449.31	606	70	1.1
L	Nov 2012	499	27	9	348	5.9	14	174	448.06	581	88	1.5
*	Dec 2012	395	21	7	289	4.7	15	132	446.41	550	131	2.2
	Jan 2013	508	15	6	354	5.7	62	86	447.00	561	130	2.1
	Feb 2013	634	7	8	462	8.3	9	155	447.00	561	158	2.9
	Mar 2013	911	18	9	682	11.1	52	183	446.70	555	187	3.0
	Apr 2013	1094	19	11	786	13.2	92	177	448.70	593	205	3.5
	May 2013	989	18	13	703	11.4	95	184	448.70	593	112	1.8
	Jun 2013	936	15	16	698	11.7	92	131	448.70	593	114	1.9
	Jul 2013	913	21	17	732	11.9	95	91	448.00	580	115	1.9
	Aug 2013	829	22	17	644	10.5	98	89	447.50	571	105	1.7
	Sep 2013	761	20	15	556	9.3	92	122	446.81	557	102	1.7
	WY 2013	**9024**	**238**	**140**	**6736**		**731**	**1556**			**1516**	
	Oct 2013	640	23	12	448	7.3	66	139	446.31	548	64	1.0
	Nov 2013	525	32	8	374	6.3	65	100	446.50	552	102	1.7
	Dec 2013	401	26	6	275	4.5	67	74	446.50	552	106	1.7
	Jan 2014	591	15	6	330	5.4	89	176	446.50	552	125	2.0
	Feb 2014	658	7	8	444	8.0	79	127	446.50	552	156	2.8
	Mar 2014	953	18	9	686	11.2	89	175	446.70	555	201	3.3
	Apr 2014	1075	19	11	782	13.1	86	169	448.70	593	212	3.6
	May 2014	964	18	13	695	11.3	89	173	448.70	593	111	1.8
	Jun 2014	921	15	16	685	11.5	86	137	448.70	593	109	1.8
	Jul 2014	847	21	17	724	11.8	89	38	448.00	580	111	1.8
	Aug 2014	796	22	17	640	10.4	89	70	447.50	571	105	1.7
	Sep 2014	698	20	15	545	9.2	60	101	446.81	557	102	1.7
	WY 2014	**9070**	**237**	**139**	**6627**		**954**	**1481**			**1503**	
	Oct 2014	568	23	12	443	7.2	15	124	446.31	548	65	1.1
	Nov 2014	514	32	8	365	6.1	15	147	446.50	552	99	1.7
	Dec 2014	358	26	6	266	4.3	15	92	446.50	552	105	1.7

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Managing Water in the West

January 2013 24-Month Study

Minimum 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
*	Jan 2012	713	11.6	1134.18	15022	139	485.97	1146.0	308.0	61	432.1
H	Feb 2012	775	13.5	1133.06	14907	-115	484.32	1282.0	338.6	68	436.7
I	Mar 2012	986	16.0	1129.41	14535	-372	481.45	1047.0	427.4	56	433.4
S	Apr 2012	1170	19.7	1123.93	13986	-548	475.07	1164.0	505.3	62	432.0
T	May 2012	1008	16.4	1119.38	13541	-445	471.90	1050.0	429.0	56	425.4
O	Jun 2012	989	16.6	1115.84	13200	-341	470.21	1829.0	414.2	100	418.8
R	Jul 2012	841	13.7	1115.92	13207	8	471.23	1374.0	349.7	76	415.6
I	Aug 2012	798	13.0	1116.56	13269	61	471.53	1809.0	331.4	100	415.2
C	Sep 2012	635	10.7	1115.16	13135	-134	473.98	1809.0	261.9	100	412.2
	WY 2012	**9421**							**3985.6**		
A	Oct 2012	346	5.6	1116.50	13263	128	476.50	1051.0	141.3	58	409.0
L	Nov 2012	650	10.9	1117.24	13334	71	473.22	1051.0	276.3	58	424.7
*	Dec 2012	476	7.7	1120.36	13636	302	475.06	1520.0	198.5	84	417.3
	Jan 2013	617	10.0	1122.12	13809	172	474.05	1062.0	261.2	59	423.6
	Feb 2013	663	11.9	1121.74	13771	-37	473.53	1077.0	284.3	59	428.8
	Mar 2013	967	15.7	1118.15	13422	-349	469.59	1304.0	414.9	72	429.1
	Apr 2013	1123	18.9	1112.24	12858	-564	465.94	1055.0	493.6	59	439.7
	May 2013	1025	16.7	1107.53	12418	-440	460.43	1078.0	436.1	61	425.3
	Jun 2013	944	15.9	1105.33	12216	-202	453.06	1756.0	385.9	100	408.7
	Jul 2013	930	15.1	1103.30	12031	-185	451.45	1747.0	376.2	100	404.7
	Aug 2013	859	14.0	1102.93	11999	-33	450.43	1748.0	351.0	100	408.6
	Sep 2013	686	11.5	1101.79	11896	-103	450.82	1744.0	273.9	100	399.3
	WY 2013	**9285**							**3893.2**		
	Oct 2013	525	8.5	1101.00	11825	-71	454.32	1374.0	206.7	79	394.1
	Nov 2013	602	10.1	1099.59	11698	-127	454.77	1386.0	243.5	79	404.6
	Dec 2013	526	8.6	1100.41	11772	74	452.65	1394.0	206.9	79	393.0
	Jan 2014	697	11.3	1101.65	11883	111	452.53	1226.0	282.6	69	405.5
	Feb 2014	674	12.1	1101.25	11847	-36	450.64	1435.0	272.7	81	404.9
	Mar 2014	1015	16.5	1096.95	11465	-382	447.27	1516.0	407.9	87	402.0
	Apr 2014	1104	18.6	1090.27	10880	-584	441.99	1401.0	448.2	82	405.9
	May 2014	1001	16.3	1085.66	10485	-395	434.42	1694.0	387.1	100	386.8
	Jun 2014	930	15.6	1081.24	10114	-371	430.27	1694.0	361.0	100	388.3
	Jul 2014	863	14.0	1079.89	10002	-113	427.90	1694.0	336.1	100	389.4
	Aug 2014	826	13.4	1079.61	9979	-23	427.25	1694.0	319.8	100	387.1
	Sep 2014	623	10.5	1079.19	9944	-34	428.04	1694.0	238.1	100	382.4
	WY 2014	**9384**							**3710.7**		
	Oct 2014	452	7.4	1080.71	10070	126	433.00	1330.8	173.7	79	383.9
	Nov 2014	590	9.9	1080.52	10054	-16	435.21	1344.7	229.1	79	388.2
	Dec 2014	484	7.9	1084.03	10348	294	435.03	1338.7	188.1	79	388.6

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2013 24-Month Study

Minimum 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
*	Jan 2012	638	10.4	640.38	1628	42	138.75	170.9	77.2	67	121.0
H	Feb 2012	726	12.6	641.20	1650	22	140.80	163.2	90.8	64	125.1
I	Mar 2012	931	15.1	641.93	1670	20	140.23	204.0	117.4	80	126.2
S	Apr 2012	1091	18.3	643.35	1708	39	142.08	249.9	147.4	98	135.2
T	May 2012	980	15.9	643.06	1700	-8	141.39	252.5	128.9	99	131.5
O	Jun 2012	952	16.0	642.80	1693	-7	140.12	255.0	122.6	100	128.8
R	Jul 2012	805	13.1	642.89	1696	2	143.36	255.0	100.7	100	125.1
I	Aug 2012	744	12.1	643.63	1716	20	142.43	252.5	92.5	99	124.3
C	Sep 2012	723	12.1	639.55	1605	-111	137.86	255.0	96.5	100	133.5
	WY 2012	**9051**							**1153.5**		
A	Oct 2012	556	9.0	630.75	1377	-228	130.98	206.6	68.5	81	123.3
L	Nov 2012	499	8.4	635.82	1507	130	136.16	168.3	67.9	66	136.0
*	Dec 2012	395	6.4	638.30	1572	65	134.78	183.6	44.1	72	111.7
	Jan 2013	508	8.3	641.50	1658	86	135.60	163.2	63.4	64	124.9
	Feb 2013	634	11.4	642.00	1671	14	137.63	158.1	79.4	62	125.3
	Mar 2013	911	14.8	643.05	1700	29	136.52	219.3	113.7	86	124.9
	Apr 2013	1094	18.4	643.00	1699	-2	136.07	255.0	136.0	100	124.3
	May 2013	989	16.1	643.00	1699	0	136.04	255.0	123.6	100	124.9
	Jun 2013	936	15.7	642.00	1671	-27	135.51	255.0	116.6	100	124.6
	Jul 2013	913	14.9	641.50	1658	-14	134.73	255.0	113.4	100	124.2
	Aug 2013	829	13.5	641.50	1658	0	134.46	255.0	103.1	100	124.4
	Sep 2013	761	12.8	638.00	1564	-94	132.62	255.0	93.7	100	123.1
	WY 2013	**9024**							**1123.5**		
	Oct 2013	640	10.4	633.00	1434	-130	129.33	214.2	76.9	84	120.1
	Nov 2013	525	8.8	635.00	1486	51	127.83	211.7	62.7	83	119.3
	Dec 2013	401	6.5	638.71	1583	97	130.91	209.1	49.2	82	122.8
	Jan 2014	591	9.6	641.80	1666	83	134.46	209.1	73.7	82	124.7
	Feb 2014	658	11.8	641.80	1666	0	136.08	209.1	82.4	82	125.2
	Mar 2014	953	15.5	643.05	1700	34	135.44	255.0	118.8	100	124.6
	Apr 2014	1075	18.1	643.00	1699	-2	136.07	255.0	133.8	100	124.4
	May 2014	964	15.7	643.00	1699	0	136.04	255.0	120.6	100	125.1
	Jun 2014	921	15.5	642.00	1671	-27	135.51	255.0	114.9	100	124.7
	Jul 2014	847	13.8	641.50	1658	-14	134.73	255.0	105.5	100	124.5
	Aug 2014	796	12.9	641.50	1658	0	134.46	255.0	99.2	100	124.6
	Sep 2014	698	11.7	638.00	1564	-94	132.62	255.0	86.1	100	123.4
	WY 2014	**9070**							**1123.6**		
	Oct 2014	568	9.2	633.00	1434	-130	129.33	214.2	68.4	84	120.5
	Nov 2014	514	8.6	635.00	1486	51	127.83	211.7	61.3	83	119.4
	Dec 2014	358	5.8	638.71	1583	97	130.91	209.1	44.1	82	123.1

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

January 2013 24-Month Study

Minimum 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
*	Jan 2012	382	6.2	446.61	554	17	80.68	67.2	25.6	56	67.1
H	Feb 2012	497	8.6	447.10	563	9	80.85	94.8	35.1	79	70.7
I	Mar 2012	711	11.6	447.23	565	2	81.75	97.2	48.8	81	68.6
S	Apr 2012	785	13.2	449.13	602	36	83.37	120.0	54.1	100	69.0
T	May 2012	709	11.5	448.81	596	-6	81.37	111.6	49.6	93	69.9
O	Jun 2012	719	12.1	448.23	584	-11	79.00	120.0	49.7	100	69.1
R	Jul 2012	675	11.0	448.91	598	13	82.94	120.0	46.8	100	69.4
I	Aug 2012	568	9.2	448.38	587	-10	80.54	120.0	39.3	100	69.2
C	Sep 2012	548	9.2	446.98	561	-26	81.05	120.0	37.8	100	69.0
	WY 2012	**6652**							**458.2**		
A	Oct 2012	482	7.8	449.31	606	44	83.52	96.0	33.3	80	69.0
L	Nov 2012	348	5.9	448.06	581	-24	82.22	92.4	24.1	77	69.2
*	Dec 2012	289	4.7	446.41	550	-31	80.98	103.2	19.5	86	67.5
	Jan 2013	354	5.7	447.00	561	11	74.91	102.0	22.6	85	63.9
	Feb 2013	462	8.3	447.00	561	0	74.40	120.0	29.8	100	64.6
	Mar 2013	682	11.1	446.70	555	-6	74.26	120.0	44.4	100	65.1
	Apr 2013	786	13.2	448.70	593	38	75.08	120.0	51.9	100	66.0
	May 2013	703	11.4	448.70	593	0	76.05	120.0	46.8	100	66.5
	Jun 2013	698	11.7	448.70	593	0	76.05	120.0	46.4	100	66.5
	Jul 2013	732	11.9	448.00	580	-13	75.71	120.0	48.5	100	66.3
	Aug 2013	644	10.5	447.50	571	-10	75.13	120.0	42.2	100	65.6
	Sep 2013	556	9.3	446.81	557	-13	74.55	120.0	36.1	100	64.9
	WY 2013	**6736**							**445.6**		
	Oct 2013	448	7.3	446.31	548	-9	74.77	102.0	28.9	85	64.6
	Nov 2013	374	6.3	446.50	552	3	74.62	102.0	23.9	85	64.0
	Dec 2013	275	4.5	446.50	552	0	74.71	102.0	17.2	85	62.7
	Jan 2014	330	5.4	446.50	552	0	74.71	102.0	21.0	85	63.5
	Feb 2014	444	8.0	446.50	552	0	73.92	120.0	28.5	100	64.1
	Mar 2014	686	11.2	446.70	555	4	74.01	120.0	44.5	100	64.9
	Apr 2014	782	13.1	448.70	593	38	75.08	120.0	51.6	100	66.0
	May 2014	695	11.3	448.70	593	0	76.05	120.0	46.2	100	66.5
	Jun 2014	685	11.5	448.70	593	0	76.05	120.0	45.5	100	66.5
	Jul 2014	724	11.8	448.00	580	-13	75.71	120.0	48.0	100	66.3
	Aug 2014	640	10.4	447.50	571	-10	75.13	120.0	42.0	100	65.6
	Sep 2014	545	9.2	446.81	557	-13	74.55	120.0	35.4	100	64.9
	WY 2014	**6627**							**432.7**		
	Oct 2014	443	7.2	446.31	548	-9	74.77	102.0	28.6	85	64.6
	Nov 2014	365	6.1	446.50	552	3	74.62	102.0	23.3	85	64.0
	Dec 2014	266	4.3	446.50	552	0	74.71	102.0	16.6	85	62.6

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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January 2013 24-Month Study

Minimum 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
*	Jan 2012	388	58	15	18	10	5
H	Feb 2012	295	54	9	12	2	4
I	Mar 2012	275	62	9	12	6	4
	Winter 2012	**2475**	**300**	**97**	**117**	**61**	**26**
S	Apr 2012	276	47	16	22	14	4
T	May 2012	276	61	19	28	17	4
O	Jun 2012	324	34	26	33	19	7
R	Jul 2012	398	33	24	31	18	6
I	Aug 2012	360	31	21	28	16	6
C	Sep 2012	214	27	17	25	12	4
	Summer 2012	**1849**	**232**	**123**	**168**	**94**	**31**
A	Oct 2012	221	20	8	13	6	2
*	Dec 2012	346	27	4	6	2	4
	Jan 2013	320	27	6	6	3	4
	Feb 2013	238	24	3	5	3	4
	Mar 2013	237	18	5	7	4	4
	Winter 2013	**1361**	**115**	**26**	**38**	**18**	**17**
	Apr 2013	216	17	8	14	8	3
	May 2013	235	35	15	25	15	3
	Jun 2013	312	32	17	25	14	4
	Jul 2013	309	18	24	33	17	4
	Aug 2013	323	18	25	35	17	4
	Sep 2013	226	17	20	28	14	3
	Summer 2013	**1620**	**137**	**109**	**159**	**86**	**21**
	Oct 2013	180	18	11	16	9	3
	Nov 2013	187	17	3	5	3	3
	Dec 2013	223	18	3	5	3	3
	Jan 2014	294	18	4	5	3	3
	Feb 2014	218	16	3	5	3	3
	Mar 2014	217	18	4	7	4	0
	Winter 2014	**1318**	**104**	**27**	**43**	**25**	**16**
	Apr 2014	181	17	8	14	8	3
	May 2014	219	37	20	31	19	3
	Jun 2014	224	28	14	22	14	4
	Jul 2014	299	18	26	33	17	5
	Aug 2014	296	18	28	36	18	5
	Sep 2014	220	17	22	29	15	5
	Summer 2014	**1439**	**135**	**118**	**164**	**90**	**25**
	Oct 2014	218	18	12	16	9	4
	Nov 2014	217	17	3	5	3	5
	Dec 2014	287	18	4	5	3	4

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2013 24-Month Study

Minimum 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****										
Jan 2013	895	502	739	11609	13746	13741	27486	895	502	739	2136	11609	13741	27486	5350	617	0	32.9
Jan 2013	895	502	739	11609	13746	13741	27486	7	54	147	207	11609	13741	25557	5350	617	0	32.9
Feb 2013	942	506	759	12088	14295	13568	27863	52	60	166	278	12088	13568	25934	1500	663	0	32.5
Mar 2013	979	503	774	12376	14633	13606	28238	87	59	181	327	12376	13606	26309	1500	967	0	32.0
Apr 2013	951	496	772	12599	14817	13955	28772	54	53	175	282	12599	13955	26836	1500	1123	0	31.3
May 2013	927	483	746	12839	14995	14519	29514	24	38	131	193	12839	14519	27551	1500	1025	0	30.9
Jun 2013	933	443	681	12905	14962	14959	29922	23	-10	30	43	12905	14959	27907	1500	944	0	30.5
Jul 2013	914	408	676	13143	15140	15161	30301	-7	-50	-26	-83	13143	15161	28220	1500	930	0	29.5
								****CREDITABLE SPACE****										
Aug 2013	935	448	758	13716	15857	15346	31203	935	448	758	2141	13716	15346	31203	1500	859	0	28.8
Sep 2013	966	498	841	14252	16557	15378	31936	966	498	841	2305	14252	15378	31936	2270	686	0	28.1
Oct 2013	997	538	892	14550	16977	15481	32458	997	538	892	2427	14550	15481	32458	3040	525	0	27.8
Nov 2013	1,015	543	912	14667	17136	15552	32688	1015	543	912	2469	14667	15552	32688	3810	602	0	27.6
Dec 2013	1,025	526	921	14776	17247	15679	32925	1025	526	921	2471	14776	15679	32925	4580	526	0	27.5
Jan 2014	1,048	513	933	15032	17525	15605	33130	1048	513	933	2494	15032	15605	33130	5350	697	0	27.2
								****EFFECTIVE SPACE****										
Jan 2014	1,048	513	933	15032	17525	15605	33130	323	261	357	941	15032	15605	31577	5350	697	0	27.2
Feb 2014	1,064	502	947	15463	17976	15494	33470	337	250	370	958	15463	15494	31914	1500	674	0	27.0
Mar 2014	1,073	490	950	15687	18200	15530	33730	343	239	373	955	15687	15530	32172	1500	1015	0	26.6
Apr 2014	1,040	471	908	15809	18228	15912	34141	306	220	328	854	15809	15912	32575	1500	1104	0	26.2
May 2014	997	440	852	15744	18034	16497	34530	257	186	252	695	15744	16497	32936	1500	1001	0	26.8
Jun 2014	944	372	738	15086	17140	16892	34032	196	101	103	400	15086	16892	32378	1500	930	0	27.3
Jul 2014	817	262	686	14445	16210	17263	33473	57	-26	0	31	14445	17263	31739	1500	863	0	26.8
								****CREDITABLE SPACE****										
Aug 2014	775	282	743	14810	16609	17375	33985	775	282	743	1800	14810	17375	33985	1500	826	0	26.2
Sep 2014	791	324	811	15218	17145	17398	34543	791	324	811	1927	15218	17398	34543	2270	623	0	25.7
Oct 2014	818	363	843	15442	17466	17433	34899	818	363	843	2024	15442	17433	34899	3040	452	0	25.4
Nov 2014	833	368	848	15663	17712	17307	35019	833	368	848	2049	15663	17307	35019	3810	590	0	25.3
Dec 2014	836	351	856	15845	17888	17323	35211	836	351	856	2043	15845	17323	35211	4580	484	0	25.3

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