

To: All Annual Operating Plan Recipients

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



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 Maximum** 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



January 2013 24-Month Study

Maximum 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	6479.81	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	52	0	52	6480.43	169
	Feb 2013	22	1	47	0	47	6475.40	144
	Mar 2013	43	0	61	0	61	6471.26	125
	Apr 2013	92	1	80	0	80	6473.67	135
	May 2013	186	1	99	55	154	6480.02	167
	Jun 2013	375	2	102	136	238	6500.36	302
	Jul 2013	232	3	100	86	186	6505.88	345
	Aug 2013	97	2	100	23	123	6502.24	316
	Sep 2013	56	2	89	0	89	6497.57	281
	WY 2013	1219	15	832	355	1187		
	Oct 2013	57	1	68	0	68	6495.96	269
	Nov 2013	48	1	65	0	65	6493.41	251
	Dec 2013	35	1	68	0	68	6488.35	217
	Jan 2014	34	1	68	0	68	6482.82	183
	Feb 2014	30	1	61	0	61	6477.06	152
	Mar 2014	59	0	68	0	68	6475.16	142
	Apr 2014	102	1	95	6	101	6475.25	143
	May 2014	212	1	98	111	209	6475.69	145
	Jun 2014	389	2	101	131	232	6500.11	300
	Jul 2014	240	3	101	96	197	6505.27	340
	Aug 2014	101	2	94	0	94	6505.82	344
	Sep 2014	57	2	77	0	77	6502.95	321
	WY 2014	1363	15	964	343	1307		
	Oct 2014	56	1	74	0	74	6500.43	302
	Nov 2014	46	1	71	0	71	6496.85	276
	Dec 2014	32	1	74	0	74	6490.78	233

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2013 24-Month Study

Maximum Probable Inflow*

Flaming Gorge Reservoir



		Unreg Inflow	Reg Inflow	Evap Losses	Power Release	Bypass Release	Total Release	Bank Storage	Reservoir Elev End of Month	Live Storage	Jensen Flow
	Date	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(Ft)	(1000 Ac-Ft)	(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	138	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	55	2	74	0	74	120	6020.08	2983	74
	Feb 2013	32	57	2	67	0	67	120	6019.77	2972	67
	Mar 2013	83	101	3	74	0	74	121	6020.45	2995	74
	Apr 2013	169	157	5	71	0	71	124	6022.63	3074	71
	May 2013	330	297	8	114	0	114	130	6027.20	3242	114
	Jun 2013	576	439	11	249	0	249	137	6031.70	3415	249
	Jul 2013	325	279	14	129	0	129	143	6034.99	3546	129
	Aug 2013	127	154	13	129	0	129	143	6035.25	3556	129
	Sep 2013	73	106	12	125	0	125	142	6034.53	3527	125
	WY 2013	1832	1800	81	1203	0	1203				1282
	Oct 2013	72	82	8	129	0	129	140	6033.22	3475	129
	Nov 2013	60	77	4	125	0	125	138	6031.97	3426	125
	Dec 2013	39	72	2	129	0	129	135	6030.53	3369	129
	Jan 2014	45	80	2	129	0	129	133	6029.25	3320	129
	Feb 2014	49	80	2	117	0	117	132	6028.27	3283	117
	Mar 2014	115	124	3	212	0	212	128	6025.93	3195	212
	Apr 2014	164	163	5	208	0	208	127	6024.64	3147	208
	May 2014	323	320	8	231	0	231	130	6026.75	3225	231
	Jun 2014	523	366	10	244	0	244	134	6029.57	3332	244
	Jul 2014	291	249	14	129	0	129	138	6032.18	3434	129
	Aug 2014	119	113	13	129	0	129	137	6031.46	3406	129
	Sep 2014	70	91	11	125	0	125	135	6030.33	3362	125
	WY 2014	1872	1816	81	1907	0	1907				1907
	Oct 2014	69	87	7	129	0	129	133	6029.10	3315	129
	Nov 2014	55	81	3	125	0	125	131	6027.91	3269	125
	Dec 2014	35	77	2	129	0	129	129	6026.52	3217	129

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2013 24-Month Study

Maximum 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	8	8	9296.56	51
	May 2013	28	12	9308.19	67
	Jun 2013	46	20	9323.48	93
	Jul 2013	27	20	9327.07	100
	Aug 2013	13	22	9322.41	91
	Sep 2013	9	20	9316.21	80
	WY 2013	149	125		
	Oct 2013	8	16	9311.14	72
	Nov 2013	6	6	9311.00	71
	Dec 2013	5	6	9310.53	71
	Jan 2014	5	6	9309.83	70
	Feb 2014	4	6	9308.58	68
	Mar 2014	5	6	9307.76	66
	Apr 2014	10	12	9306.56	65
	May 2014	34	22	9313.79	76
	Jun 2014	52	27	9327.52	101
	Jul 2014	25	27	9326.67	100
	Aug 2014	12	24	9320.42	88
	Sep 2014	8	20	9313.83	76
	WY 2014	174	178		
	Oct 2014	7	16	9308.40	67
	Nov 2014	5	5	9308.96	68
	Dec 2014	5	5	9309.07	68

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2013 24-Month Study

Maximum Probable Inflow*

Blue Mesa Reservoir



		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)
Date									
*	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	23	0	23	7451.73	322
	Feb 2013	14	17	0	14	0	14	7452.14	325
	Mar 2013	23	25	0	19	0	19	7453.12	330
	Apr 2013	65	65	1	40	0	40	7457.26	355
	May 2013	212	195	1	144	0	144	7465.32	405
	Jun 2013	257	230	1	60	0	60	7489.07	574
	Jul 2013	131	125	1	90	0	90	7493.30	607
	Aug 2013	72	81	1	100	0	100	7490.72	587
	Sep 2013	43	54	1	80	0	80	7487.29	560
	WY 2013	890	866	7	639	0	639		
	Oct 2013	44	52	0	39	0	39	7488.94	573
	Nov 2013	34	34	0	10	0	10	7491.96	597
	Dec 2013	27	28	0	43	0	43	7490.00	581
	Jan 2014	26	27	0	92	0	92	7481.35	516
	Feb 2014	24	26	0	83	0	83	7473.28	458
	Mar 2014	39	41	0	92	0	92	7485.58	407
	Apr 2014	93	95	1	98	0	98	7464.98	403
	May 2014	276	264	1	136	0	136	7483.25	530
	Jun 2014	338	313	1	63	0	63	7513.73	779
	Jul 2014	152	154	2	128	0	128	7516.40	802
	Aug 2014	78	90	1	120	0	120	7512.91	771
	Sep 2014	45	57	1	119	0	119	7505.61	708
	WY 2014	1176	1180	8	1024	0	1024		
	Oct 2014	43	52	1	82	0	82	7501.91	677
	Nov 2014	32	31	0	53	0	53	7499.25	655
	Dec 2014	26	25	0	99	0	99	7490.00	581

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2013 24-Month Study

Maximum Probable Inflow*
Morrow Point Reservoir



		Unreg Inflow	Blue Mesa Release	Side Inflow	Total Inflow	Power Release	Bypass Release	Total Release	Reservoir Elev End of Month	Live Storage
	Date	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(Ft)	(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	23	1	24	18	0	18	7153.73	112
	Feb 2013	15	14	1	15	15	0	15	7153.73	112
	Mar 2013	25	19	2	21	21	0	21	7153.73	112
	Apr 2013	71	40	6	46	46	0	46	7153.73	112
	May 2013	226	144	15	159	159	0	159	7153.73	112
	Jun 2013	265	60	8	68	68	0	68	7153.73	112
	Jul 2013	133	90	1	91	91	0	91	7153.73	112
	Aug 2013	73	100	2	102	102	0	102	7153.73	112
	Sep 2013	45	80	2	82	82	0	82	7153.73	112
	WY 2013	930	639	40	679	676	0	676		
	Oct 2013	46	39	3	42	42	0	42	7153.73	112
	Nov 2013	36	10	2	12	12	0	12	7153.73	112
	Dec 2013	30	43	2	46	46	0	46	7153.73	112
	Jan 2014	28	92	2	94	94	0	94	7153.73	112
	Feb 2014	26	83	3	86	86	0	86	7153.73	112
	Mar 2014	44	92	4	96	96	0	96	7153.73	112
	Apr 2014	106	98	13	111	111	0	111	7153.73	112
	May 2014	308	136	32	168	168	0	168	7153.73	112
	Jun 2014	366	63	28	91	91	0	91	7153.73	112
	Jul 2014	159	128	7	136	136	0	136	7153.73	112
	Aug 2014	82	120	4	124	124	0	124	7153.73	112
	Sep 2014	48	119	3	122	122	0	122	7153.73	112
	WY 2014	1280	1024	104	1128	1128	0	1128		
	Oct 2014	45	82	3	85	85	0	85	7153.73	112
	Nov 2014	34	53	2	55	55	0	55	7153.73	112
	Dec 2014	28	99	2	101	101	0	101	7153.73	112

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2013 24-Month Study

Maximum Probable Inflow*

Crystal Reservoir



		Unreg Inflow	Morrow Release	Side Inflow	Total Inflow	Power Release	Bypass Release	Total Release	Reservoir Elev End of Month	Live Storage	Tunnel Flow	Below Tunnel Flow
	Date	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(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	18	3	21	20	0	20	6753.04	17	0	20
	Feb 2013	18	15	3	18	18	0	18	6753.04	17	0	18
	Mar 2013	29	21	4	25	25	0	25	6753.04	17	5	20
	Apr 2013	75	46	5	50	50	0	50	6753.04	17	30	20
	May 2013	243	159	17	175	134	41	175	6753.04	17	55	120
	Jun 2013	281	68	16	84	84	0	84	6753.04	17	60	24
	Jul 2013	140	91	8	99	99	0	99	6753.04	17	65	34
	Aug 2013	80	102	6	108	108	0	108	6753.04	17	65	43
	Sep 2013	51	82	6	88	88	0	88	6753.04	17	55	33
WY 2013		1008	676	77	753	709	41	750			357	392
	Oct 2013	53	42	7	49	49	0	49	6753.04	17	30	19
	Nov 2013	41	12	5	18	18	0	18	6753.04	17	0	18
	Dec 2013	35	46	5	51	51	0	51	6753.04	17	0	51
	Jan 2014	33	94	5	100	100	0	100	6753.04	17	0	100
	Feb 2014	30	86	4	90	90	0	90	6753.04	17	0	90
	Mar 2014	51	96	7	104	104	0	104	6753.04	17	5	99
	Apr 2014	121	111	15	126	126	0	126	6753.04	17	30	96
	May 2014	351	168	44	212	134	78	212	6753.04	17	55	157
	Jun 2014	415	91	49	140	130	10	140	6753.04	17	60	80
	Jul 2014	179	136	19	155	134	21	155	6753.04	17	65	90
	Aug 2014	92	124	10	134	134	0	134	6753.04	17	65	69
	Sep 2014	56	122	7	129	129	0	129	6753.04	17	55	74
WY 2014		1458	1128	178	1306	1198	108	1306			365	941
	Oct 2014	52	85	7	91	91	0	91	6753.04	17	30	61
	Nov 2014	39	55	5	60	60	0	60	6753.04	17	0	60
	Dec 2014	32	101	5	106	106	0	106	6753.04	17	0	106

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2013 24-Month Study

Maximum 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	25	0	7643.37	72
	May 2013	72	31	7659.97	112
	Jun 2013	85	71	7664.98	125
	Jul 2013	38	46	7661.67	116
	Aug 2013	25	38	7656.56	103
	Sep 2013	21	33	7651.76	91
	WY 2013	284	225		
	Oct 2013	19	33	7645.52	76
	Nov 2013	10	10	7645.72	77
	Dec 2013	7	7	7645.72	77
	Jan 2014	6	6	7645.67	77
	Feb 2014	5	5	7645.72	77
	Mar 2014	10	3	7648.73	84
	Apr 2014	28	3	7658.58	108
	May 2014	84	78	7660.63	114
	Jun 2014	91	79	7664.99	125
	Jul 2014	38	46	7661.67	116
	Aug 2014	24	38	7656.02	102
	Sep 2014	21	32	7651.37	90
	WY 2014	343	340		
	Oct 2014	18	32	7645.20	76
	Nov 2014	10	10	7645.03	75
	Dec 2014	6	7	7644.64	74

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2013 24-Month Study

Maximum Probable Inflow*

Navajo Reservoir



		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)
	Date									
*	Jan 2012	18	0	18	1	1	30	6055.85	1298	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	31	6022.50	935	31
	Feb 2013	15	0	13	1	0	28	6020.90	920	28
	Mar 2013	41	3	35	1	2	22	6021.91	930	22
	Apr 2013	184	20	139	2	18	21	6032.01	1029	21
	May 2013	273	47	185	3	32	86	6038.11	1093	86
	Jun 2013	261	37	210	4	48	40	6048.75	1211	40
	Jul 2013	97	7	98	4	53	22	6050.44	1231	22
	Aug 2013	64	2	74	3	45	22	6050.80	1235	22
	Sep 2013	59	1	70	3	26	21	6052.54	1256	21
WY 2013		1030	117	854	23	234	376			408
	Oct 2013	61	2	74	2	7	31	6055.41	1291	31
	Nov 2013	40	1	38	1	0	30	6056.00	1298	30
	Dec 2013	30	0	30	1	0	31	6055.86	1296	31
	Jan 2014	25	0	25	1	0	31	6055.35	1290	31
	Feb 2014	36	0	36	1	0	28	6055.93	1297	28
	Mar 2014	117	6	104	2	2	61	6059.07	1336	61
	Apr 2014	214	22	167	3	18	60	6065.81	1423	60
	May 2014	347	51	290	4	33	200	6069.73	1477	200
	Jun 2014	306	49	245	5	48	212	6068.26	1457	212
	Jul 2014	96	13	91	5	53	31	6068.46	1459	31
	Aug 2014	59	5	68	4	46	31	6067.54	1447	31
	Sep 2014	58	3	66	3	26	30	6068.10	1454	30
WY 2014		1389	153	1234	29	232	775			775
	Oct 2014	58	5	67	2	7	31	6070.12	1482	31
	Nov 2014	35	2	33	1	0	30	6070.30	1485	30
	Dec 2014	25	1	25	1	0	31	6069.83	1478	31

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2013 24-Month Study

Maximum Probable Inflow*

Lake Powell



		Unreg Inflow	Regulated Inflow	Evap Losses	PowerPlant Release	Bypass Release	Total Release	Reservoir Elev End of Month	Bank Storage	EOM Storage	Lees Ferry
	Date	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)
*	Jan 2012	358	503	10	852	0	852	3636.91	5305	15641	848
H	Feb 2012	342	460	11	853	0	853	3635.28	5290	15453	854
I	Mar 2012	560	625	19	800	0	800	3635.33	5290	15458	807
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	295	8	800	0	800	3605.04	5033	12237	800
	Feb 2013	250	298	9	600	0	600	3602.07	5010	11949	600
	Mar 2013	420	393	14	600	0	600	3599.94	4993	11744	600
	Apr 2013	1040	791	23	550	0	550	3602.04	5009	11946	550
	May 2013	2352	1962	29	600	0	600	3614.42	5108	13181	600
	Jun 2013	2865	2204	48	800	0	800	3626.24	5209	14436	800
	Jul 2013	1443	1190	61	801	0	801	3628.99	5233	14740	801
	Aug 2013	647	682	61	850	0	850	3627.08	5216	14529	850
	Sep 2013	517	593	56	600	0	600	3626.56	5211	14471	600
	WY 2013	10401	9223	407	8152	78	8230				8232
	Oct 2013	634	664	39	600	0	600	3626.78	5213	14495	600
	Nov 2013	537	570	37	600	0	600	3626.21	5208	14432	600
	Dec 2013	409	516	29	800	0	800	3623.54	5185	14142	800
	Jan 2014	409	565	9	800	0	800	3621.44	5167	13916	800
	Feb 2014	446	564	10	600	0	600	3621.04	5164	13874	600
	Mar 2014	775	877	17	600	0	600	3623.28	5183	14114	600
	Apr 2014	1306	1241	27	600	0	600	3628.47	5228	14682	600
	May 2014	3063	2768	35	900	0	900	3643.16	5364	16379	900
	Jun 2014	3564	3013	59	1200	0	1200	3656.23	5494	18004	1200
	Jul 2014	1568	1382	73	1500	0	1500	3654.85	5480	17827	1500
	Aug 2014	694	768	71	1483	0	1483	3649.06	5422	17100	1483
	Sep 2014	483	623	64	700	0	700	3648.00	5411	16969	700
	WY 2014	13897	13551	471	10383	0	10383				10383
	Oct 2014	609	693	45	600	0	600	3648.37	5415	17014	600
	Nov 2014	496	583	43	600	0	600	3647.92	5410	16958	600
	Dec 2014	363	537	34	800	0	800	3645.67	5388	16683	800

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2013 24-Month Study

Maximum Probable Inflow*

Hoover Dam - Lake Mead



		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)
Date											
*	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	110	35	617	10.0	15	617	901	1122.69	13865
	Feb 2013	600	133	32	663	11.9	17	663	902	1122.88	13883
	Mar 2013	600	105	36	967	15.7	21	967	883	1119.81	13583
	Apr 2013	550	139	44	1123	18.9	13	1123	853	1115.03	13122
	May 2013	600	97	50	1025	16.7	24	1025	828	1111.04	12745
	Jun 2013	800	61	60	944	15.9	22	944	818	1109.38	12590
	Jul 2013	801	71	74	930	15.1	28	930	809	1107.77	12440
	Aug 2013	850	133	79	859	14.0	23	859	810	1108.01	12462
	Sep 2013	600	90	65	686	11.5	18	686	805	1107.21	12388
	WY 2013	8230	1103	616	9285		227	9224			
	Oct 2013	600	66	47	525	8.5	17	525	810	1108.00	12461
	Nov 2013	600	67	47	602	10.1	23	602	810	1107.94	12456
	Dec 2013	800	94	41	526	8.6	18	526	829	1111.06	12746
	Jan 2014	800	88	34	697	11.3	16	697	837	1112.47	12880
	Feb 2014	600	111	31	674	12.1	18	674	836	1112.36	12869
	Mar 2014	600	87	35	1015	16.5	21	1015	813	1108.51	12509
	Apr 2014	600	138	42	1104	18.6	14	1104	787	1104.19	12113
	May 2014	900	87	48	1001	16.3	24	1001	782	1103.30	12032
	Jun 2014	1200	44	58	930	15.6	22	930	796	1105.72	12252
	Jul 2014	1500	67	74	863	14.0	28	863	833	1111.80	12816
	Aug 2014	1483	126	81	826	13.4	23	826	874	1118.48	13454
	Sep 2014	700	82	68	623	10.5	19	623	879	1119.19	13522
	WY 2014	10383	1059	607	9384		243	9384			
	Oct 2014	600	46	50	452	7.4	17	452	887	1120.41	13642
	Nov 2014	600	39	50	590	9.9	23	590	885	1120.17	13618
	Dec 2014	800	52	43	484	7.9	18	484	904	1123.12	13907

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2013 24-Month Study

Maximum Probable Inflow*

Davis Dam - Lake Mohave



		Hoover Release	Side Inflow	Evap Losses	Power Release	Spill Release	Total Release	Total Release	Reservoir Elev End of Month	EOM Storage
	Date	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 CFS)	(Ft)	(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

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2013 24-Month Study

Maximum 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)
*	Jan 2012	638	11	6	382	6.2	54	187	446.81	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	80	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

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

Model Run ID: 2138

Processed On: 1/11/2013 4:11:11PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2013 24-Month Study

Maximum 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	13886	-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	1122.69	13865	228	474.33	1062.0	261.3	59	423.8
	Feb 2013	663	11.9	1122.88	13883	19	474.38	1077.0	284.7	59	429.4
	Mar 2013	967	15.7	1119.81	13583	-300	470.99	1304.0	416.0	72	430.3
	Apr 2013	1123	18.9	1115.03	13122	-461	468.16	1055.0	495.8	59	441.6
	May 2013	1025	16.7	1111.04	12745	-378	463.57	1078.0	438.8	61	427.9
	Jun 2013	944	15.9	1109.38	12590	-155	456.82	1756.0	388.8	100	411.7
	Jul 2013	930	15.1	1107.77	12440	-150	455.69	1747.0	379.4	100	408.2
	Aug 2013	859	14.0	1108.01	12462	22	455.17	1748.0	354.3	100	412.5
	Sep 2013	686	11.5	1107.21	12388	-74	456.03	1744.0	276.7	100	403.3
WY 2013		9285							3911.8		
	Oct 2013	525	8.5	1108.00	12461	73	460.49	1374.0	209.0	79	398.4
	Nov 2013	602	10.1	1107.94	12456	-5	462.41	1386.0	247.0	79	410.3
	Dec 2013	526	8.6	1111.06	12746	290	462.10	1394.0	210.4	79	399.7
	Jan 2014	697	11.3	1112.47	12880	133	463.22	1226.0	288.4	69	413.8
	Feb 2014	674	12.1	1112.36	12869	-11	461.55	1435.0	278.5	81	413.5
	Mar 2014	1015	16.5	1108.51	12509	-360	458.54	1516.0	417.3	87	411.3
	Apr 2014	1104	18.6	1104.19	12113	-396	454.66	1401.0	460.4	82	417.0
	May 2014	1001	16.3	1103.30	12032	-80	450.08	1694.0	400.3	100	400.1
	Jun 2014	930	15.6	1105.72	12252	220	451.16	1694.0	377.7	100	406.3
	Jul 2014	863	14.0	1111.80	12816	565	455.87	1694.0	356.7	100	413.3
	Aug 2014	826	13.4	1118.48	13454	637	462.37	1694.0	344.0	100	416.4
	Sep 2014	623	10.5	1119.19	13522	69	467.19	1694.0	257.0	100	412.8
WY 2014		9384							3846.8		
	Oct 2014	452	7.4	1120.41	13642	119	472.64	1330.8	186.1	79	411.5
	Nov 2014	590	9.9	1120.17	13618	-23	474.68	1344.7	246.7	79	418.0
	Dec 2014	484	7.9	1123.12	13907	288	474.20	1338.7	201.6	79	416.5

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2013 24-Month Study

Maximum 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	1081	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	1084	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



January 2013 24-Month Study

Maximum 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	8.2	448.81	554	17	80.88	87.2	25.8	56	87.1
H	Feb 2012	497	8.8	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



January 2013 24-Month Study

Maximum Probable Inflow*

Upper Basin Power



	Glen Canyon	Flaming Gorge	Blue Mesa	Morrow Point	Crystal Reservoir	Fontenelle Reservoir
Date	1000 MWHR	1000 MWHR	1000 MWHR	1000 MWHR	1000 MWHR	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	7	3	4
Feb 2013	238	24	4	5	3	3
Mar 2013	237	27	5	8	4	4
Winter 2013	1362	124	27	39	19	17
Apr 2013	217	26	11	16	9	5
May 2013	240	42	39	57	23	7
Jun 2013	329	91	17	25	15	9
Jul 2013	334	48	27	33	17	10
Aug 2013	355	48	30	37	19	10
Sep 2013	250	46	24	30	15	8
Summer 2013	1725	301	146	197	97	48
Oct 2013	250	48	11	15	8	6
Nov 2013	250	46	3	4	3	6
Dec 2013	332	48	13	16	9	6
Jan 2014	330	47	27	34	17	5
Feb 2014	247	43	24	31	16	5
Mar 2014	248	78	26	35	18	5
Winter 2014	1656	309	103	136	71	32
Apr 2014	249	76	27	40	22	7
May 2014	381	84	38	61	23	7
Jun 2014	522	89	19	33	22	8
Jul 2014	659	47	40	49	23	10
Aug 2014	647	48	38	45	23	9
Sep 2014	304	46	37	44	22	7
Summer 2014	2762	390	199	271	136	48
Oct 2014	260	47	25	31	16	7
Nov 2014	260	46	16	20	10	6
Dec 2014	346	47	30	36	18	6

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2013 24-Month Study

Maximum 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	765	328	442	1534	11609	13741	26884	5350	617	0	32.9
Feb 2013	942	507	761	12085	14295	13512	27807	811	335	462	1608	12085	13512	27205	1500	663	0	32.6
Mar 2013	979	505	776	12373	14633	13494	28126	845	335	477	1657	12373	13494	27524	1500	967	0	32.1
Apr 2013	974	499	766	12578	14818	13794	28611	836	331	464	1631	12578	13794	28003	1500	1123	0	32.1
May 2013	885	475	667	12376	14403	14255	28658	739	306	346	1390	12376	14255	28021	1500	1025	0	33.3
Jun 2013	685	425	603	11141	12855	14632	27487	523	238	247	1008	11141	14632	26782	1500	944	0	35.0
Jul 2013	377	255	485	9886	11003	14787	25790	196	41	77	314	9886	14787	24987	1500	930	0	35.4
								**** CREDITABLE SPACE ****										
Aug 2013	204	222	465	9582	10473	14937	25409	204	222	465	891	9582	14937	25409	1500	859	0	35.1
Sep 2013	221	243	461	9793	10718	14915	25633	221	243	461	925	9793	14915	25633	2270	686	0	34.8
Oct 2013	286	269	440	9851	10846	14989	25835	286	269	440	995	9851	14989	25835	3040	525	0	34.7
Nov 2013	350	256	405	9827	10839	14916	25754	350	256	405	1012	9827	14916	25754	3810	602	0	34.7
Dec 2013	417	233	398	9890	10938	14921	25859	417	233	398	1048	9890	14921	25859	4580	526	0	34.7
Jan 2014	507	248	400	10180	11335	14631	25966	507	248	400	1155	10180	14631	25966	5350	697	0	34.5
								**** EFFECTIVE SPACE ****										
Jan 2014	507	248	400	10180	11335	14631	25966	241	248	336	825	10180	14631	25636	5350	697	0	34.5
Feb 2014	591	314	406	10406	11717	14497	26214	325	314	341	980	10406	14497	25883	1500	674	0	34.4
Mar 2014	660	371	399	10448	11878	14508	26386	392	371	333	1097	10448	14508	26053	1500	1015	0	34.2
Apr 2014	757	423	360	10208	11748	14868	26616	490	423	291	1203	10208	14868	26279	1500	1104	0	34.4
May 2014	804	427	273	9640	11144	15264	26408	534	427	183	1144	9640	15264	26048	1500	1001	0	36.3
Jun 2014	724	300	219	7943	9185	15345	24530	441	299	93	833	7943	15345	24121	1500	930	0	38.6
Jul 2014	462	51	239	6318	7070	15125	22196	162	24	61	247	6318	15125	21690	1500	863	0	39.2
								**** CREDITABLE SPACE ****										
Aug 2014	320	27	237	6495	7079	14561	21639	320	27	237	584	6495	14561	21639	1500	826	0	39.0
Sep 2014	344	58	249	7222	7874	13923	21797	344	58	249	651	7222	13923	21797	2270	623	0	38.7
Oct 2014	411	121	242	7353	8127	13855	21982	411	121	242	774	7353	13855	21982	3040	452	0	38.6
Nov 2014	477	152	214	7308	8152	13735	21887	477	152	214	843	7308	13735	21887	3810	590	0	38.5
Dec 2014	549	174	211	7364	8299	13759	22057	549	174	211	935	7364	13759	22057	4580	484	0	38.4

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