

To: All Annual Operating Plan Recipients

From: Lower Colorado Region  
Boulder Canyon Operations Office  
River Operations Group  
Daniel Bunk  
P.O. Box 61470  
Boulder City, NV 89006-1470  
Phone: 702-293-8013



The operation of Lake Powell and Lake Mead in this May 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/q4000/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 April was 0.964 maf or 91 percent of the 30-year average from 1981 to 2010. The forecast for May unregulated inflow into Lake Powell is 2.70 maf or 115 percent of the 30-year average. The forecasted 2014 April through July unregulated inflow is 7.550 maf or 105 percent of average.

In this study, the calendar year 2014 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 1.199 maf. The calendar year 2014 diversion for the Central Arizona Project (CAP) is forecasted to be 1.546 maf. Consumptive use for Nevada above Hoover (SNWP Use) is forecasted to be 0.225 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



May 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)
* May 2013	108	1	51	0	51	6483.26	185
H Jun 2013	91	2	47	0	48	6489.79	226
I Jul 2013	67	2	48	0	48	6492.28	243
S Aug 2013	32	2	43	0	43	6490.28	229
T Sep 2013	47	2	42	0	42	6490.87	233
<b>WY 2013</b>	<b>575</b>	<b>14</b>	<b>534</b>	<b>57</b>	<b>591</b>		
O Oct 2013	53	1	19	24	43	6492.11	241
R Nov 2013	41	1	51	4	55	6489.91	226
I Dec 2013	30	1	61	0	61	6485.02	195
C Jan 2014	29	1	61	0	61	6479.35	163
A Feb 2014	29	0	55	0	55	6474.06	136
L Mar 2014	56	0	71	0	71	6470.70	121
* Apr 2014	101	1	83	1	84	6474.33	138
May 2014	240	1	96	170	267	6468.01	111
Jun 2014	485	2	96	291	387	6486.80	207
Jul 2014	304	2	108	79	188	6502.91	321
Aug 2014	110	2	85	0	85	6505.84	344
Sep 2014	68	2	35	41	76	6504.62	335
<b>WY 2014</b>	<b>1546</b>	<b>14</b>	<b>821</b>	<b>610</b>	<b>1431</b>		
Oct 2014	64	1	78	0	78	6502.65	319
Nov 2014	49	1	76	0	76	6499.01	291
Dec 2014	32	1	78	0	78	6492.42	244
Jan 2015	30	1	78	0	78	6484.95	196
Feb 2015	28	1	71	0	71	6477.11	152
Mar 2015	53	0	78	0	78	6471.51	126
Apr 2015	85	1	74	0	74	6473.82	136
May 2015	164	1	100	4	105	6484.68	194
Jun 2015	299	2	103	87	190	6500.20	300
Jul 2015	178	3	101	30	131	6505.86	345
Aug 2015	77	2	92	0	92	6503.59	327
Sep 2015	46	2	36	32	68	6500.42	302
<b>WY 2015</b>	<b>1104</b>	<b>16</b>	<b>967</b>	<b>154</b>	<b>1121</b>		
Oct 2015	49	1	71	0	71	6497.29	279
Nov 2015	42	1	68	0	68	6493.50	252
Dec 2015	32	1	71	0	71	6487.58	212
Jan 2016	30	1	71	0	71	6480.82	171
Feb 2016	28	1	64	0	64	6473.52	135
Mar 2016	53	0	71	0	71	6469.29	116
Apr 2016	85	1	77	0	77	6471.12	124

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



## May 2014 24-Month Study

Most Probable Inflow\*

### Flaming Gorge Reservoir



	<b>Unreg Inflow</b>	<b>Reg Inflow</b>	<b>Evap Losses</b>	<b>Power Release</b>	<b>Bypass Release</b>	<b>Total Release</b>	<b>Bank Storage</b>	<b>Reservoir Elev End of Month</b>	<b>Live Storage</b>	<b>Jensen Flow</b>
<b>Date</b>	<b>(1000 Ac-Ft)</b>	<b>(1000 Ac-Ft)</b>	<b>(1000 Ac-Ft)</b>	<b>(1000 Ac-Ft)</b>	<b>(1000 Ac-Ft)</b>	<b>(1000 Ac-Ft)</b>	<b>(1000 Ac-Ft)</b>	<b>(Ft)</b>	<b>(1000 Ac-Ft)</b>	<b>(1000 Ac-Ft)</b>
* May 2013	135	77	7	67	0	67	121	6020.65	3003	440
H Jun 2013	91	48	10	135	3	138	117	6017.91	2906	366
I Jul 2013	66	47	12	68	0	68	116	6016.99	2875	99
S Aug 2013	22	33	11	68	0	68	114	6015.71	2831	87
T Sep 2013	67	62	10	66	0	66	113	6015.33	2818	95
<b>WY 2013</b>	<b>657</b>	<b>673</b>	<b>73</b>	<b>818</b>	<b>3</b>	<b>821</b>				<b>1744</b>
O Oct 2013	68	58	6	51	0	51	113	6015.35	2819	108
R Nov 2013	41	55	3	48	0	48	114	6015.47	2823	96
I Dec 2013	32	62	2	49	0	49	114	6015.79	2834	403
C Jan 2014	33	65	2	49	0	49	115	6016.19	2847	405
A Feb 2014	46	71	2	45	0	45	116	6016.89	2871	99
L Mar 2014	86	100	3	49	1	50	117	6018.21	2917	123
* Apr 2014	128	111	5	50	0	50	120	6019.75	2971	306
May 2014	305	332	7	125	0	125	127	6025.06	3162	125
Jun 2014	550	452	10	281	74	355	131	6027.29	3245	355
Jul 2014	337	221	14	107	0	107	134	6029.81	3342	107
Aug 2014	120	95	13	106	0	106	134	6029.21	3319	106
Sep 2014	73	81	11	103	0	103	132	6028.38	3287	103
<b>WY 2014</b>	<b>1818</b>	<b>1703</b>	<b>78</b>	<b>1063</b>	<b>75</b>	<b>1138</b>				<b>2336</b>
Oct 2014	72	86	7	106	0	106	131	6027.68	3260	106
Nov 2014	57	84	3	103	0	103	130	6027.11	3239	103
Dec 2014	35	81	2	106	0	106	129	6026.43	3213	106
Jan 2015	40	88	2	106	0	106	129	6025.93	3195	106
Feb 2015	45	88	2	96	0	96	128	6025.67	3185	96
Mar 2015	102	128	3	106	0	106	129	6026.16	3203	106
Apr 2015	134	122	5	103	0	103	129	6026.55	3218	103
May 2015	245	186	8	145	0	145	131	6027.39	3250	145
Jun 2015	390	281	10	212	0	212	133	6028.88	3306	212
Jul 2015	210	163	14	100	0	100	135	6030.13	3354	100
Aug 2015	89	104	13	100	0	100	135	6029.92	3346	100
Sep 2015	55	78	11	97	0	97	133	6029.16	3317	97
<b>WY 2015</b>	<b>1473</b>	<b>1490</b>	<b>80</b>	<b>1379</b>	<b>0</b>	<b>1379</b>				<b>1379</b>
Oct 2015	59	81	7	100	0	100	132	6028.50	3292	100
Nov 2015	51	77	3	97	0	97	132	6027.93	3270	97
Dec 2015	35	74	2	100	0	100	130	6027.22	3243	100
Jan 2016	40	81	2	100	0	100	130	6026.68	3223	100
Feb 2016	45	81	2	93	0	93	129	6026.30	3208	93
Mar 2016	102	120	3	100	0	100	130	6026.75	3225	100
Apr 2016	134	125	5	114	0	114	130	6026.92	3232	114

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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)
* May 2013	21	7	9312.29	74
H Jun 2013	26	12	9320.43	88
I Jul 2013	9	15	9316.95	81
S Aug 2013	7	15	9312.37	74
T Sep 2013	8	12	9309.95	70
<b>WY 2013</b>	<b>97</b>	<b>83</b>		
O Oct 2013	7	6	9310.82	71
R Nov 2013	5	5	9310.99	71
I Dec 2013	5	5	9310.93	71
C Jan 2014	5	5	9310.93	71
A Feb 2014	4	4	9311.08	72
L Mar 2014	5	5	9310.72	71
* Apr 2014	12	13	9310.23	70
May 2014	41	30	9316.81	81
Jun 2014	55	36	9327.03	100
Jul 2014	20	28	9322.87	92
Aug 2014	11	20	9317.95	83
Sep 2014	8	16	9313.30	75
<b>WY 2014</b>	<b>177</b>	<b>171</b>		
Oct 2014	7	10	9311.50	72
Nov 2014	5	6	9311.04	72
Dec 2014	5	6	9310.22	70
Jan 2015	4	6	9309.17	69
Feb 2015	4	6	9307.76	66
Mar 2015	4	6	9306.74	65
Apr 2015	9	6	9308.54	68
May 2015	28	18	9314.85	78
Jun 2015	42	20	9326.69	100
Jul 2015	20	22	9325.73	98
Aug 2015	10	20	9320.60	88
Sep 2015	7	16	9315.74	79
<b>WY 2015</b>	<b>146</b>	<b>142</b>		
Oct 2015	7	12	9312.57	74
Nov 2015	5	6	9312.03	73
Dec 2015	5	6	9311.22	72
Jan 2016	4	6	9310.19	70
Feb 2016	4	6	9308.80	68
Mar 2016	4	6	9307.79	66
Apr 2016	9	6	9309.56	69

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



## May 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)
*	May 2013	133	119	1	58	0	58	7464.34	399
H	Jun 2013	126	111	1	69	0	69	7470.58	440
I	Jul 2013	44	51	1	98	0	98	7463.20	391
S	Aug 2013	46	54	1	89	0	89	7457.29	355
T	Sep 2013	57	61	1	66	0	66	7456.24	348
	<b>WY 2013</b>	<b>561</b>	<b>547</b>	<b>6</b>	<b>517</b>	<b>0</b>	<b>532</b>		
O	Oct 2013	48	47	0	46	0	46	7456.34	349
R	Nov 2013	33	33	0	14	0	14	7459.38	367
I	Dec 2013	25	25	0	11	0	11	7461.56	381
C	Jan 2014	22	22	0	14	0	14	7462.81	389
A	Feb 2014	23	22	0	13	0	13	7464.31	398
L	Mar 2014	32	33	0	23	0	23	7465.76	408
*	Apr 2014	129	130	1	28	0	28	7480.43	509
	May 2014	290	279	1	200	140	340	7471.68	447
	Jun 2014	315	296	1	193	67	260	7476.67	482
	Jul 2014	116	124	1	82	0	82	7482.28	523
	Aug 2014	63	72	1	104	0	104	7477.76	490
	Sep 2014	47	55	1	77	0	77	7474.53	467
	<b>WY 2014</b>	<b>1144</b>	<b>1138</b>	<b>7</b>	<b>806</b>	<b>206</b>	<b>1013</b>		
	Oct 2014	44	47	0	42	0	42	7475.21	472
	Nov 2014	34	34	0	12	0	12	7478.32	494
	Dec 2014	26	27	0	12	0	12	7480.36	509
	Jan 2015	24	26	0	30	0	30	7479.78	504
	Feb 2015	22	25	0	27	0	27	7479.42	502
	Mar 2015	36	38	0	32	0	32	7480.13	507
	Apr 2015	77	74	1	42	0	42	7484.40	539
	May 2015	221	211	1	120	0	120	7495.94	628
	Jun 2015	261	239	1	69	0	69	7515.82	797
	Jul 2015	117	119	2	112	0	112	7516.40	803
	Aug 2015	63	73	1	122	0	122	7510.76	752
	Sep 2015	38	47	1	115	0	115	7502.63	683
	<b>WY 2015</b>	<b>964</b>	<b>960</b>	<b>9</b>	<b>735</b>	<b>0</b>	<b>735</b>		
	Oct 2015	38	44	1	71	0	71	7499.25	655
	Nov 2015	31	32	0	41	0	41	7498.12	646
	Dec 2015	26	27	0	91	0	91	7490.00	581
	Jan 2016	24	26	0	79	0	79	7483.01	528
	Feb 2016	22	25	0	51	0	51	7479.38	502
	Mar 2016	36	38	0	32	0	32	7480.09	507
	Apr 2016	77	74	1	42	0	42	7484.37	538

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



## May 2014 24-Month Study

Most Probable Inflow\*

### Morrow Point Reservoir



	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2013	148	58	15	72	67	0	67	7154.02	112
H	Jun 2013	132	69	6	75	75	0	75	7154.39	113
I	Jul 2013	45	98	0	98	99	0	99	7153.53	112
S	Aug 2013	46	89	0	90	89	0	89	7154.91	113
T	Sep 2013	58	66	2	68	69	0	69	7154.20	112
	<b>WY 2013</b>	<b>595</b>	<b>532</b>	<b>35</b>	<b>567</b>	<b>563</b>	<b>0</b>	<b>563</b>		
O	Oct 2013	50	46	2	48	47	1	50	7152.26	111
R	Nov 2013	34	14	1	15	0	0	15	7152.65	111
I	Dec 2013	26	11	1	12	0	0	16	7147.65	107
C	Jan 2014	24	14	2	16	0	0	16	7148.51	108
A	Feb 2014	24	13	2	14	12	0	14	7148.21	108
L	Mar 2014	33	23	1	24	25	0	25	7146.76	107
*	Apr 2014	143	28	13	41	42	0	42	7146.13	106
	May 2014	325	340	35	375	304	65	369	7153.73	112
	Jun 2014	340	260	25	285	285	0	285	7153.73	112
	Jul 2014	122	82	6	88	88	0	88	7153.73	112
	Aug 2014	66	104	3	107	107	0	107	7153.73	112
	Sep 2014	49	77	2	79	79	0	79	7153.73	112
	<b>WY 2014</b>	<b>1236</b>	<b>1013</b>	<b>93</b>	<b>1105</b>	<b>989</b>	<b>66</b>	<b>1105</b>		
	Oct 2014	46	42	2	44	44	0	44	7153.73	112
	Nov 2014	36	12	2	14	14	0	14	7153.73	112
	Dec 2014	28	12	2	14	14	0	14	7153.73	112
	Jan 2015	27	30	2	32	32	0	32	7153.73	112
	Feb 2015	25	27	3	30	30	0	30	7153.73	112
	Mar 2015	40	32	4	36	36	0	36	7153.73	112
	Apr 2015	88	42	11	53	53	0	53	7153.73	112
	May 2015	247	120	26	146	146	0	146	7153.73	112
	Jun 2015	281	69	20	89	89	0	89	7153.73	112
	Jul 2015	123	112	6	118	118	0	118	7153.73	112
	Aug 2015	67	122	3	125	125	0	125	7153.73	112
	Sep 2015	41	115	3	118	118	0	118	7153.73	112
	<b>WY 2015</b>	<b>1048</b>	<b>735</b>	<b>84</b>	<b>819</b>	<b>819</b>	<b>0</b>	<b>819</b>		
	Oct 2015	41	71	3	74	74	0	74	7153.73	112
	Nov 2015	33	41	2	43	43	0	43	7153.73	112
	Dec 2015	28	91	2	94	94	0	94	7153.73	112
	Jan 2016	27	79	2	81	81	0	81	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

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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)
* May 2013	161	67	13	80	80	0	80	6736.96	13	66	18
H Jun 2013	144	75	11	86	84	0	84	6744.76	15	65	25
I Jul 2013	49	99	4	103	101	1	102	6748.24	16	67	41
S Aug 2013	50	89	3	92	92	1	93	6745.72	15	62	36
T Sep 2013	63	69	5	74	73	0	73	6746.17	15	48	29
<b>WY 2013</b>	<b>661</b>	<b>563</b>	<b>65</b>	<b>628</b>	<b>614</b>	<b>14</b>	<b>627</b>			<b>363</b>	<b>291</b>
O Oct 2013	55	50	5	54	56	0	56	6741.56	14	36	22
R Nov 2013	40	15	6	21	15	4	19	6748.85	16	0	20
I Dec 2013	30	16	4	20	20	0	20	6749.68	16	0	21
C Jan 2014	27	16	3	19	6	14	20	6746.01	15	1	20
A Feb 2014	29	14	5	19	3	17	20	6743.52	14	1	20
L Mar 2014	39	25	6	31	30	0	31	6744.65	15	1	30
* Apr 2014	154	42	11	53	53	0	53	6743.26	14	28	27
May 2014	370	369	45	414	136	275	411	6753.04	17	55	356
Jun 2014	380	285	40	325	130	195	325	6753.04	17	60	265
Jul 2014	136	88	14	102	102	0	102	6753.04	17	65	37
Aug 2014	71	107	5	112	112	0	112	6753.04	17	65	47
Sep 2014	55	79	6	85	85	0	85	6753.04	17	55	30
<b>WY 2014</b>	<b>1386</b>	<b>1105</b>	<b>150</b>	<b>1255</b>	<b>748</b>	<b>505</b>	<b>1253</b>			<b>367</b>	<b>895</b>
Oct 2014	52	44	6	50	50	0	50	6753.04	17	30	20
Nov 2014	40	14	5	19	19	0	19	6753.04	17	0	19
Dec 2014	32	14	5	19	19	0	19	6753.04	17	0	19
Jan 2015	31	32	5	37	37	0	37	6753.04	17	0	37
Feb 2015	29	30	4	33	33	0	33	6753.04	17	0	33
Mar 2015	46	36	6	42	42	0	42	6753.04	17	5	37
Apr 2015	101	53	12	66	66	0	66	6753.04	17	30	36
May 2015	281	146	34	180	134	46	180	6753.04	17	55	125
Jun 2015	315	89	34	123	123	0	123	6753.04	17	60	63
Jul 2015	138	118	14	133	133	0	133	6753.04	17	65	68
Aug 2015	75	125	8	134	134	0	134	6753.04	17	65	69
Sep 2015	47	118	6	124	124	0	124	6753.04	17	55	69
<b>WY 2015</b>	<b>1188</b>	<b>819</b>	<b>140</b>	<b>959</b>	<b>913</b>	<b>46</b>	<b>959</b>			<b>365</b>	<b>594</b>
Oct 2015	47	74	6	80	80	0	80	6753.04	17	30	50
Nov 2015	38	43	5	48	48	0	48	6753.04	17	0	48
Dec 2015	32	94	5	98	98	0	98	6753.04	17	0	98
Jan 2016	31	81	5	86	86	0	86	6753.04	17	0	86
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

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



## May 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)
*	May 2013	49	31	7647.20	80
H	Jun 2013	19	35	7639.75	64
I	Jul 2013	8	32	7626.95	40
S	Aug 2013	13	26	7617.79	26
T	Sep 2013	45	7	7639.82	64
<b>WY 2013</b>		<b>169</b>	<b>138</b>		
O	Oct 2013	18	2	7646.84	80
R	Nov 2013	10	2	7650.16	87
I	Dec 2013	7	2	7652.32	93
C	Jan 2014	6	2	7653.61	96
A	Feb 2014	5	2	7654.41	98
L	Mar 2014	7	11	7653.05	94
*	Apr 2014	28	16	7657.59	106
	May 2014	62	42	7664.92	125
	Jun 2014	56	57	7664.19	123
	Jul 2014	21	42	7656.11	102
	Aug 2014	16	38	7646.98	80
	Sep 2014	14	30	7639.81	64
<b>WY 2014</b>		<b>249</b>	<b>246</b>		
	Oct 2014	14	17	7637.98	60
	Nov 2014	8	1	7641.11	67
	Dec 2014	6	2	7643.27	71
	Jan 2015	5	2	7644.96	75
	Feb 2015	5	1	7646.38	78
	Mar 2015	9	2	7649.30	85
	Apr 2015	23	1	7657.97	107
	May 2015	71	52	7664.99	125
	Jun 2015	70	70	7664.92	125
	Jul 2015	29	42	7659.98	112
	Aug 2015	20	38	7652.71	94
	Sep 2015	17	30	7647.51	81
<b>WY 2015</b>		<b>278</b>	<b>257</b>		
	Oct 2015	16	17	7646.75	79
	Nov 2015	9	1	7649.80	86
	Dec 2015	6	2	7651.75	91
	Jan 2016	5	2	7653.28	95
	Feb 2016	5	1	7654.57	98
	Mar 2016	9	2	7657.27	105
	Apr 2016	23	3	7665.00	125

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



OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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)
* May 2013	154	17	118	3	36	17	6028.15	990	93
H Jun 2013	40	8	46	3	42	33	6024.88	958	50
I Jul 2013	2	1	25	3	40	51	6017.54	889	53
S Aug 2013	43	3	53	3	34	41	6014.89	865	54
T Sep 2013	151	5	110	2	15	25	6022.28	933	90
<b>WY 2013</b>	<b>543</b>	<b>42</b>	<b>472</b>	<b>20</b>	<b>205</b>	<b>349</b>			<b>604</b>
O Oct 2013	57	3	38	1	4	15	6024.13	951	45
R Nov 2013	35	1	26	1	0	16	6025.11	960	43
I Dec 2013	26	0	21	0	0	16	6025.59	965	39
C Jan 2014	19	0	16	0	0	17	6025.41	963	36
A Feb 2014	23	0	21	1	0	18	6025.70	966	35
L Mar 2014	52	2	53	1	4	18	6028.76	996	41
* Apr 2014	123	14	98	2	21	18	6034.32	1053	63
May 2014	190	24	146	3	32	15	6043.24	1148	15
Jun 2014	124	13	112	4	47	15	6047.36	1195	15
Jul 2014	23	1	43	4	51	21	6044.42	1161	21
Aug 2014	23	0	44	3	43	22	6042.32	1138	22
Sep 2014	30	0	45	2	24	21	6042.14	1136	21
<b>WY 2014</b>	<b>727</b>	<b>58</b>	<b>664</b>	<b>23</b>	<b>227</b>	<b>211</b>			<b>397</b>
Oct 2014	37	1	40	2	9	22	6042.89	1144	22
Nov 2014	30	0	23	1	0	21	6043.02	1146	21
Dec 2014	25	0	20	1	0	22	6042.84	1144	22
Jan 2015	22	0	18	1	0	22	6042.46	1140	22
Feb 2015	30	0	27	1	0	19	6043.06	1146	19
Mar 2015	92	2	84	1	5	22	6047.99	1202	22
Apr 2015	170	13	135	2	19	21	6055.78	1295	21
May 2015	277	39	219	4	33	58	6065.54	1420	58
Jun 2015	224	33	190	4	48	135	6065.74	1423	135
Jul 2015	66	7	71	5	52	28	6064.70	1409	28
Aug 2015	45	1	62	4	44	31	6063.41	1392	31
Sep 2015	43	1	55	3	24	30	6063.23	1389	30
<b>WY 2015</b>	<b>1062</b>	<b>98</b>	<b>944</b>	<b>27</b>	<b>235</b>	<b>429</b>			<b>429</b>
Oct 2015	47	2	47	2	9	31	6063.66	1395	31
Nov 2015	34	1	26	1	0	30	6063.25	1390	30
Dec 2015	25	0	20	1	0	31	6062.37	1378	31
Jan 2016	22	0	18	1	0	31	6061.33	1365	31
Feb 2016	30	0	27	1	0	29	6061.11	1362	29
Mar 2016	92	2	83	2	5	30	6064.68	1408	30
Apr 2016	170	15	134	3	20	28	6070.89	1493	28

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



## May 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)
* May 2013	1122	925	26	602	0	602	3599.44	4989	11697	603
H Jun 2013	939	907	42	800	0	800	3600.07	4994	11757	806
I Jul 2013	143	298	49	848	0	848	3594.17	4950	11202	862
S Aug 2013	273	401	47	801	0	801	3589.64	4917	10788	815
T Sep 2013	857	802	44	600	0	600	3591.25	4928	10934	607
<b>WY 2013</b>	<b>5117</b>	<b>5358</b>	<b>361</b>	<b>8154</b>	<b>78</b>	<b>8232</b>				<b>8264</b>
O Oct 2013	549	475	30	481	0	481	3590.88	4926	10900	483
R Nov 2013	476	435	29	553	143	696	3587.90	4904	10631	695
I Dec 2013	295	291	23	601	0	601	3584.43	4880	10324	595
C Jan 2014	270	271	7	800	0	800	3578.69	4840	9828	811
A Feb 2014	330	321	7	599	0	599	3575.55	4819	9563	602
L Mar 2014	509	444	12	504	0	504	3574.76	4813	9497	501
* Apr 2014	964	774	19	502	0	502	3577.56	4832	9732	501
May 2014	2700	2443	25	497	0	497	3597.47	4975	11511	505
Jun 2014	2900	2601	44	600	0	600	3615.80	5120	13323	608
Jul 2014	990	776	56	800	0	800	3615.09	5114	13249	817
Aug 2014	450	519	55	800	0	800	3612.05	5089	12938	819
Sep 2014	400	475	50	600	0	600	3610.45	5076	12776	613
<b>WY 2014</b>	<b>10834</b>	<b>9825</b>	<b>356</b>	<b>7337</b>	<b>143</b>	<b>7480</b>				<b>7551</b>
Oct 2014	505	531	35	600	0	600	3609.50	5068	12680	609
Nov 2014	470	485	33	600	0	600	3608.13	5057	12543	610
Dec 2014	363	417	26	800	0	800	3604.29	5027	12164	808
Jan 2015	361	432	8	800	0	800	3600.69	4999	11816	811
Feb 2015	393	438	8	650	0	650	3598.55	4983	11613	657
Mar 2015	665	601	14	650	0	650	3597.93	4978	11554	656
Apr 2015	1056	872	23	600	0	600	3600.37	4997	11785	609
May 2015	2343	1994	28	650	0	650	3612.70	5094	13004	658
Jun 2015	2666	2289	48	800	0	800	3625.34	5201	14338	808
Jul 2015	1091	997	60	1000	0	1000	3624.81	5196	14280	1017
Aug 2015	500	601	58	1050	0	1050	3620.44	5159	13810	1069
Sep 2015	408	538	53	800	0	800	3617.68	5135	13519	813
<b>WY 2015</b>	<b>10821</b>	<b>10197</b>	<b>394</b>	<b>9000</b>	<b>0</b>	<b>9000</b>				<b>9124</b>
Oct 2015	512	580	36	600	0	600	3617.18	5131	13467	609
Nov 2015	473	525	35	600	0	600	3616.21	5123	13366	610
Dec 2015	363	499	28	800	0	800	3613.27	5099	13062	808
Jan 2016	361	484	8	800	0	800	3610.31	5075	12762	811
Feb 2016	393	469	9	650	0	650	3608.56	5061	12586	657
Mar 2016	665	604	15	650	0	650	3607.99	5056	12529	656
Apr 2016	1056	893	24	600	0	600	3610.47	5076	12778	609

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



## May 2014 24-Month Study

Most Probable Inflow\*

### Hoover Dam - Lake Mead



	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)
Date										
* May 2013	602	28	50	1007	16.4	27	1008	812	1108.36	12495
H Jun 2013	800	1	59	948	15.9	28	947	798	1105.98	12276
I Jul 2013	848	113	73	865	14.1	28	858	798	1105.92	12270
S Aug 2013	801	132	78	808	13.1	27	791	799	1106.13	12289
T Sep 2013	600	155	64	599	10.1	16	590	804	1106.92	12362
<b>WY 2013</b>	<b>8232</b>	<b>824</b>	<b>612</b>	<b>9043</b>		<b>224</b>	<b>8927</b>			
O Oct 2013	481	38	47	733	11.9	19	718	786	1104.04	12099
R Nov 2013	696	101	47	513	8.6	12	510	800	1106.36	12310
I Dec 2013	601	43	40	558	9.1	9	556	802	1106.73	12344
C Jan 2014	800	45	33	605	9.8	8	604	815	1108.75	12531
A Feb 2014	599	76	31	717	12.9	8	716	810	1107.94	12456
L Mar 2014	504	29	34	1090	17.7	13	1087	773	1101.71	11888
* Apr 2014	502	17	41	1134	19.1	20	1130	731	1094.55	11254
May 2014	497	60	46	1061	17.3	31	1061	696	1088.26	10708
Jun 2014	600	23	54	970	16.3	29	970	670	1083.51	10304
Jul 2014	800	64	67	899	14.6	32	899	662	1082.02	10179
Aug 2014	800	116	71	825	13.4	28	825	661	1081.93	10171
Sep 2014	600	97	58	686	11.5	18	686	657	1081.18	10109
<b>WY 2014</b>	<b>7480</b>	<b>708</b>	<b>568</b>	<b>9791</b>		<b>227</b>	<b>9762</b>			
Oct 2014	600	52	42	570	9.3	21	570	658	1081.40	10127
Nov 2014	600	52	42	638	10.7	12	638	656	1080.94	10089
Dec 2014	800	95	37	598	9.7	5	598	671	1083.80	10328
Jan 2015	800	75	30	725	11.8	14	725	678	1084.97	10427
Feb 2015	650	78	28	694	12.5	16	694	677	1084.86	10418
Mar 2015	650	68	31	1046	17.0	20	1046	654	1080.61	10061
Apr 2015	600	80	38	1132	19.0	13	1132	623	1074.86	9590
May 2015	650	60	43	1015	16.5	23	1015	601	1070.53	9242
Jun 2015	800	23	51	950	16.0	21	950	589	1068.17	9055
Jul 2015	1000	64	63	875	14.2	27	875	595	1069.35	9148
Aug 2015	1050	116	68	835	13.6	22	835	609	1072.20	9375
Sep 2015	800	97	56	675	11.4	17	675	618	1073.92	9514
<b>WY 2015</b>	<b>9000</b>	<b>861</b>	<b>529</b>	<b>9754</b>		<b>212</b>	<b>9754</b>			
Oct 2015	600	52	41	553	9.0	16	553	621	1074.41	9553
Nov 2015	600	52	41	613	10.3	22	613	620	1074.13	9531
Dec 2015	800	95	36	513	8.3	17	513	640	1077.93	9840
Jan 2016	800	75	30	631	10.3	7	631	652	1080.29	10035
Feb 2016	650	78	27	693	12.1	9	693	652	1080.28	10034
Mar 2016	650	68	30	1062	17.3	14	1062	628	1075.83	9669
Apr 2016	600	80	37	1139	19.1	20	1139	597	1069.81	9185

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

**OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS**



**May 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)
* May 2013	1007	-15	22	959	0	959	15.6	644.24	1733
H Jun 2013	948	-16	26	928	0	928	15.6	643.45	1711
I Jul 2013	865	-24	26	810	0	810	13.2	643.66	1717
S Aug 2013	808	-16	23	749	0	749	12.2	644.35	1736
T Sep 2013	599	-11	18	681	0	681	11.4	640.23	1624
<b>WY 2013</b>	<b>9043</b>	<b>-158</b>	<b>198</b>	<b>8669</b>	<b>0</b>	<b>8669</b>			
O Oct 2013	733	-13	15	768	0	768	12.5	637.86	1560
R Nov 2013	513	4	11	531	0	531	8.9	636.95	1537
I Dec 2013	558	-10	9	470	0	470	7.6	639.57	1606
C Jan 2014	605	-7	10	552	0	552	9.0	640.94	1643
A Feb 2014	717	-22	10	658	0	658	11.9	641.96	1670
L Mar 2014	1090	-12	13	1074	0	1074	17.5	641.61	1661
* Apr 2014	1134	-21	17	1054	0	1054	17.7	643.13	1702
May 2014	1061	-13	22	1030	0	1030	16.7	643.00	1699
Jun 2014	970	-14	25	930	0	930	15.6	643.00	1699
Jul 2014	899	-10	25	904	0	904	14.7	641.50	1658
Aug 2014	825	-11	23	792	0	792	12.9	641.50	1658
Sep 2014	686	-4	18	758	0	758	12.7	638.00	1564
<b>WY 2014</b>	<b>9791</b>	<b>-133</b>	<b>197</b>	<b>9520</b>	<b>0</b>	<b>9520</b>			
Oct 2014	570	-2	15	683	0	683	11.1	633.00	1434
Nov 2014	638	-13	10	564	0	564	9.5	635.00	1486
Dec 2014	598	-17	9	475	0	475	7.7	638.71	1583
Jan 2015	725	-14	10	618	0	618	10.1	641.80	1666
Feb 2015	694	-10	10	674	0	674	12.1	641.80	1666
Mar 2015	1046	-15	13	984	0	984	16.0	643.05	1700
Apr 2015	1132	-17	17	1099	0	1099	18.5	643.00	1699
May 2015	1015	-13	22	980	0	980	15.9	643.00	1699
Jun 2015	950	-14	25	938	0	938	15.8	642.00	1671
Jul 2015	875	-10	25	852	0	852	13.9	641.50	1658
Aug 2015	835	-11	23	801	0	801	13.0	641.50	1658
Sep 2015	675	-4	18	747	0	747	12.5	638.00	1564
<b>WY 2015</b>	<b>9754</b>	<b>-141</b>	<b>197</b>	<b>9416</b>	<b>0</b>	<b>9416</b>			
Oct 2015	553	-2	15	666	0	666	10.8	633.00	1434
Nov 2015	613	-13	10	538	0	538	9.0	635.00	1486
Dec 2015	513	-17	9	390	0	390	6.3	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

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



## May 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)
*	May 2013	959	20	13	677	11.0	97	174	448.76	595	98	1.5
H	Jun 2013	928	15	16	688	11.6	104	129	448.45	589	98	1.7
I	Jul 2013	810	27	17	626	10.2	100	80	448.51	590	110	1.8
S	Aug 2013	749	37	17	552	9.0	99	95	449.22	604	109	1.8
T	Sep 2013	681	23	15	486	8.2	91	149	446.96	560	96	1.6
	<b>WY 2013</b>	<b>8669</b>	<b>246</b>	<b>141</b>	<b>6389</b>		<b>780</b>	<b>1521</b>			<b>1477</b>	
O	Oct 2013	768	19	12	467	7.6	99	186	447.91	578	70	1.1
R	Nov 2013	531	25	9	314	5.3	77	144	448.37	587	89	1.5
I	Dec 2013	470	7	7	285	4.6	100	138	445.37	531	100	1.6
C	Jan 2014	552	13	6	353	5.7	101	84	446.23	547	131	2.1
A	Feb 2014	658	20	8	450	8.1	48	130	448.13	582	162	2.9
L	Mar 2014	1074	-2	9	809	13.1	90	176	447.05	562	260	4.2
*	Apr 2014	1054	23	11	756	12.7	105	178	448.11	582	241	4.0
	May 2014	1030	21	13	724	11.8	108	183	448.70	593	114	1.9
	Jun 2014	930	17	16	688	11.6	105	129	448.50	589	111	1.9
	Jul 2014	904	29	17	714	11.6	108	90	448.00	580	119	1.9
	Aug 2014	792	27	17	602	9.8	108	89	447.50	571	100	1.6
	Sep 2014	758	25	15	541	9.1	105	126	446.81	557	89	1.5
	<b>WY 2014</b>	<b>9520</b>	<b>222</b>	<b>139</b>	<b>6702</b>		<b>1153</b>	<b>1654</b>			<b>1588</b>	
	Oct 2014	683	25	12	445	7.2	108	145	446.31	548	55	0.9
	Nov 2014	564	31	8	365	6.1	105	108	446.50	552	103	1.7
	Dec 2014	475	23	6	273	4.4	108	106	446.50	552	108	1.7
	Jan 2015	618	16	6	351	5.7	97	175	446.50	552	125	2.0
	Feb 2015	674	11	8	456	8.2	87	127	446.50	552	156	2.8
	Mar 2015	984	17	9	709	11.5	97	174	446.70	555	201	3.3
	Apr 2015	1099	21	11	801	13.5	94	169	448.70	593	212	3.6
	May 2015	980	21	13	707	11.5	97	172	448.70	593	111	1.8
	Jun 2015	938	17	16	696	11.7	94	136	448.70	593	109	1.8
	Jul 2015	852	29	17	729	11.9	97	38	448.00	580	111	1.8
	Aug 2015	801	27	17	641	10.4	97	69	447.50	571	105	1.7
	Sep 2015	747	25	15	566	9.5	94	101	446.81	557	102	1.7
	<b>WY 2015</b>	<b>9416</b>	<b>263</b>	<b>139</b>	<b>6738</b>		<b>1177</b>	<b>1520</b>			<b>1498</b>	
	Oct 2015	666	25	12	461	7.5	97	124	446.31	548	65	1.1
	Nov 2015	538	31	8	382	6.4	23	147	446.50	552	99	1.7
	Dec 2015	390	23	6	287	4.7	24	91	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

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



## May 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
* May 2013	1007	16.4	1108.36	12495	-426	463.02	1353.0	419.9	75	417.1
H Jun 2013	948	15.9	1105.98	12276	-219	460.72	1726.0	388.1	97	409.5
I Jul 2013	865	14.1	1105.92	12270	-5	460.74	1753.0	348.3	100	402.7
S Aug 2013	808	13.1	1106.13	12289	19	461.35	1737.0	325.9	100	403.4
T Sep 2013	599	10.1	1106.92	12362	73	464.61	1737.0	242.5	100	405.1
<b>WY 2013</b>	<b>9043</b>							<b>3770.1</b>		
O Oct 2013	733	11.9	1104.04	12099	-263	460.18	1332.0	300.5	77	410.1
R Nov 2013	513	8.6	1106.36	12310	212	465.65	1179.0	209.8	68	408.7
I Dec 2013	558	9.1	1106.73	12344	34	463.77	1188.0	230.3	68	412.8
C Jan 2014	605	9.8	1108.75	12531	186	465.47	746.0	250.9	43	414.5
A Feb 2014	717	12.9	1107.94	12456	-75	461.16	1415.0	298.2	81	415.9
L Mar 2014	1090	17.7	1101.71	11888	-567	457.72	1234.0	451.5	71	414.3
* Apr 2014	1134	19.1	1094.55	11254	-635	447.66	1146.0	459.8	68	405.6
May 2014	1061	17.3	1088.26	10708	-546	441.54	1071.0	433.4	65	408.5
Jun 2014	970	16.3	1083.51	10304	-403	433.07	1508.0	375.4	93	387.2
Jul 2014	899	14.6	1082.02	10179	-126	429.75	1606.0	345.6	100	384.5
Aug 2014	825	13.4	1081.93	10171	-7	429.45	1606.0	321.0	100	389.0
Sep 2014	686	11.5	1081.18	10109	-62	430.18	1602.0	262.7	100	382.7
<b>WY 2014</b>	<b>9791</b>							<b>3939.3</b>		
Oct 2014	570	9.3	1081.40	10127	18	434.60	1219.0	219.1	76	384.7
Nov 2014	638	10.7	1080.94	10089	-38	436.95	1094.0	249.0	68	390.0
Dec 2014	598	9.7	1083.80	10328	239	435.67	1198.0	232.4	74	388.5
Jan 2015	725	11.8	1084.97	10427	99	437.22	937.0	289.4	58	399.0
Feb 2015	694	12.5	1084.86	10418	-9	436.36	994.0	277.4	61	399.8
Mar 2015	1046	17.0	1080.61	10061	-357	432.72	1137.0	415.3	71	396.8
Apr 2015	1132	19.0	1074.86	9590	-471	427.57	1082.0	451.7	69	399.1
May 2015	1015	16.5	1070.53	9242	-348	421.93	1159.0	389.2	75	383.4
Jun 2015	950	16.0	1068.17	9055	-187	416.30	1531.0	357.8	100	376.5
Jul 2015	875	14.2	1069.35	9148	93	416.20	1538.0	331.6	100	379.2
Aug 2015	835	13.6	1072.20	9375	227	418.36	1554.0	316.6	100	379.4
Sep 2015	675	11.4	1073.92	9514	139	421.76	1565.0	253.1	100	374.7
<b>WY 2015</b>	<b>9754</b>							<b>3782.5</b>		
Oct 2015	553	9.0	1074.41	9553	40	426.95	1254.4	208.0	81	376.2
Nov 2015	613	10.3	1074.13	9531	-22	430.12	1047.2	237.6	68	387.9
Dec 2015	513	8.3	1077.93	9840	309	427.95	1360.2	197.4	87	384.8
Jan 2016	631	10.3	1080.29	10035	195	430.80	1076.8	244.9	68	388.2
Feb 2016	693	12.1	1080.28	10034	-1	431.41	1010.8	272.2	64	392.6
Mar 2016	1062	17.3	1075.83	9669	-365	426.87	1270.8	412.2	82	388.1
Apr 2016	1139	19.1	1069.81	9185	-484	422.75	1035.1	449.8	68	395.0

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



## May 2014 24-Month Study

Most Probable Inflow\*

### Davis Dam - Lake Mohave



Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
* May 2013	959	15.6	644.24	1733	10	143.40	244.8	121.8	96	127.0
H Jun 2013	928	15.6	643.45	1711	-22	141.69	247.4	116.9	97	126.0
I Jul 2013	810	13.2	643.66	1717	6	141.93	249.9	102.9	98	127.1
S Aug 2013	749	12.2	644.35	1736	19	143.01	255.0	92.1	100	122.9
T Sep 2013	681	11.4	640.23	1624	-112	138.83	255.0	89.1	100	130.8
<b>WY 2013</b>	<b>8669</b>							<b>1092.0</b>		
O Oct 2013	768	12.5	637.86	1560	-63	136.18	196.4	94.7	77	123.3
R Nov 2013	531	8.9	636.95	1537	-24	137.13	158.1	61.5	62	115.9
I Dec 2013	470	7.6	639.57	1606	69	136.36	173.4	59.4	68	126.5
C Jan 2014	552	9.0	640.94	1643	37	139.11	163.2	68.9	64	124.9
A Feb 2014	658	11.9	641.96	1670	28	138.63	173.4	84.5	68	128.3
L Mar 2014	1074	17.5	641.61	1661	-10	138.63	252.5	134.6	99	125.3
* Apr 2014	1054	17.7	643.13	1702	42	141.55	255.0	132.2	100	125.4
May 2014	1030	16.7	643.00	1699	-4	136.11	255.0	128.5	100	124.8
Jun 2014	930	15.6	643.00	1699	0	136.04	255.0	116.3	100	125.1
Jul 2014	904	14.7	641.50	1658	-41	135.25	255.0	112.7	100	124.7
Aug 2014	792	12.9	641.50	1658	0	134.46	255.0	98.7	100	124.6
Sep 2014	758	12.7	638.00	1564	-94	132.62	255.0	93.2	100	123.1
<b>WY 2014</b>	<b>9520</b>							<b>1185.3</b>		
Oct 2014	683	11.1	633.00	1434	-130	129.88	196.4	81.8	77	119.8
Nov 2014	564	9.5	635.00	1486	51	129.62	158.1	67.2	62	119.1
Dec 2014	475	7.7	638.71	1583	97	132.06	173.4	58.1	68	122.3
Jan 2015	618	10.1	641.80	1666	83	135.97	163.2	77.0	64	124.5
Feb 2015	674	12.1	641.80	1666	0	137.17	173.4	84.3	68	125.1
Mar 2015	984	16.0	643.05	1700	34	135.44	255.0	122.5	100	124.5
Apr 2015	1099	18.5	643.00	1699	-2	136.07	255.0	136.6	100	124.3
May 2015	980	15.9	643.00	1699	0	136.04	255.0	122.5	100	125.0
Jun 2015	938	15.8	642.00	1671	-27	135.51	255.0	116.9	100	124.6
Jul 2015	852	13.9	641.50	1658	-14	134.73	255.0	106.1	100	124.5
Aug 2015	801	13.0	641.50	1658	0	134.46	255.0	99.8	100	124.6
Sep 2015	747	12.5	638.00	1564	-94	132.62	255.0	91.9	100	123.2
<b>WY 2015</b>	<b>9416</b>							<b>1164.7</b>		
Oct 2015	666	10.8	633.00	1434	-130	129.88	196.4	79.9	77	119.9
Nov 2015	538	9.0	635.00	1486	51	129.62	158.1	64.2	62	119.2
Dec 2015	390	6.3	638.71	1583	97	132.06	173.4	47.9	68	122.9
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

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



## May 2014 24-Month Study

Most Probable Inflow\*

### Parker Dam - Lake Havasu



Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
* May 2013	677	11.0	448.76	595	8	80.83	104.4	46.4	87	68.6
H Jun 2013	688	11.6	448.45	589	-6	82.20	117.6	47.4	98	68.9
I Jul 2013	626	10.2	448.51	590	1	80.88	120.0	43.4	100	69.3
S Aug 2013	552	9.0	449.22	604	14	82.71	120.0	37.0	100	67.0
T Sep 2013	486	8.2	446.96	560	-43	80.66	120.0	34.5	100	71.0
<b>WY 2013</b>	<b>6389</b>							<b>439.1</b>		
O Oct 2013	467	7.6	447.91	578	18	83.28	96.0	31.7	80	67.9
R Nov 2013	314	5.3	448.37	587	9	82.63	92.4	22.1	77	70.5
I Dec 2013	285	4.6	445.37	531	-56	80.69	91.2	19.0	76	66.8
C Jan 2014	353	5.7	446.23	547	16	80.02	90.0	24.2	75	68.4
A Feb 2014	450	8.1	448.13	582	35	82.38	92.4	31.2	77	69.4
L Mar 2014	809	13.1	447.05	562	-20	77.18	106.8	55.4	89	68.5
* Apr 2014	756	12.7	448.11	582	20	80.82	120.0	52.3	100	69.1
May 2014	724	11.8	448.70	593	11	76.34	106.8	48.4	89	66.9
Jun 2014	688	11.6	448.50	589	-4	75.95	120.0	45.7	100	66.4
Jul 2014	714	11.6	448.00	580	-9	75.61	120.0	47.2	100	66.2
Aug 2014	602	9.8	447.50	571	-10	75.13	120.0	39.4	100	65.5
Sep 2014	541	9.1	446.81	557	-13	74.55	120.0	35.1	100	64.9
<b>WY 2014</b>	<b>6702</b>							<b>451.7</b>		
Oct 2014	445	7.2	446.31	548	-9	74.77	102.0	28.7	85	64.6
Nov 2014	365	6.1	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	351	5.7	446.50	552	0	74.71	102.0	22.4	85	63.8
Feb 2015	456	8.2	446.50	552	0	73.92	120.0	29.3	100	64.2
Mar 2015	709	11.5	446.70	555	4	74.01	120.0	46.0	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	696	11.7	448.70	593	0	76.05	120.0	46.3	100	66.5
Jul 2015	729	11.9	448.00	580	-13	75.71	120.0	48.3	100	66.3
Aug 2015	641	10.4	447.50	571	-9	75.13	120.0	42.1	100	65.6
Sep 2015	566	9.5	446.81	557	-13	74.55	120.0	36.8	100	65.0
<b>WY 2015</b>	<b>6738</b>							<b>440.2</b>		
Oct 2015	461	7.5	446.31	548	-9	74.77	102.0	29.8	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

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



# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



## May 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
* May 2013	257	26	15	23	15	3
H Jun 2013	344	52	18	26	16	3
I Jul 2013	361	26	26	35	20	3
S Aug 2013	338	26	23	31	18	3
T Sep 2013	253	25	17	24	14	3
<b>Summer 2013</b>	<b>1789</b>	<b>173</b>	<b>108</b>	<b>153</b>	<b>90</b>	<b>19</b>
O Oct 2013	202	19	12	16	10	1
R Nov 2013	231	18	3	0	1	4
I Dec 2013	253	19	3	0	1	5
C Jan 2014	337	19	3	0	0	4
A Feb 2014	247	17	3	4	0	4
L Mar 2014	207	19	6	8	4	4
<b>Winter 2014</b>	<b>1477</b>	<b>110</b>	<b>30</b>	<b>28</b>	<b>17</b>	<b>22</b>
* Apr 2014	206	19	7	13	9	5
May 2014	191	45	57	109	23	6
Jun 2014	240	103	54	103	22	7
Jul 2014	326	39	23	32	18	9
Aug 2014	325	39	30	39	19	8
Sep 2014	243	38	22	28	15	3
<b>Summer 2014</b>	<b>1532</b>	<b>283</b>	<b>193</b>	<b>324</b>	<b>106</b>	<b>39</b>
Oct 2014	243	39	12	16	9	7
Nov 2014	242	38	3	5	3	7
Dec 2014	320	39	3	5	3	7
Jan 2015	318	39	9	12	6	6
Feb 2015	257	35	8	11	6	5
Mar 2015	256	39	9	13	7	5
<b>Winter 2015</b>	<b>1635</b>	<b>227</b>	<b>44</b>	<b>61</b>	<b>35</b>	<b>39</b>
Apr 2015	236	37	12	19	11	5
May 2015	259	53	35	53	23	7
Jun 2015	328	77	21	32	21	9
Jul 2015	415	37	35	43	23	10
Aug 2015	434	37	38	45	23	9
Sep 2015	329	35	35	42	21	3
<b>Summer 2015</b>	<b>2001</b>	<b>277</b>	<b>178</b>	<b>234</b>	<b>123</b>	<b>43</b>
Oct 2015	245	37	22	26	14	6
Nov 2015	245	35	12	16	8	6
Dec 2015	325	37	27	34	17	6
Jan 2016	323	37	23	29	15	6
Feb 2016	261	34	15	19	10	5
Mar 2016	260	36	9	13	7	5
<b>Winter 2016</b>	<b>1398</b>	<b>179</b>	<b>99</b>	<b>124</b>	<b>64</b>	<b>29</b>
Apr 2016	241	42	12	19	11	5

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

**OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS**



**May 2014 24-Month Study**

Most Probable Inflow\*

**Flood Control Criteria**

**Beginning of Month Conditions**



Date	Flaming Gorge	Blue Mesa	Navajo	Lake Powell	Upper Basin Total	Lake Mead	Total	Flaming Gorge	Blue Mesa	Navajo	Tot or Max Allow	Lake Powell	Lake Mead	Total	BOM Space Required	Mead Sched Rel	Mead FC Rel	Sys Cont	
	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	MAF	
**** PREDICTED SPACE ****								**** EFFECTIVE SPACE ****											
May 2014	985	320	643	14590	16539	16123	32662	605	39	250	894	14590	16123	31608	1500	1061	0	29.6	
Jun 2014	821	382	548	12811	14562	16669	31232	425	89	119	633	12811	16669	30114	1500	970	0	31.3	
Jul 2014	641	347	501	10999	12489	17073	29562	230	34	22	286	10999	17073	28358	1500	899	0	31.2	
**** PREDICTED SPACE ****								**** CREDITABLE SPACE ****											
Aug 2014	431	307	535	11073	12345	17198	29544	431	307	535	1272	11073	17198	29544	1500	825	0	30.8	
Sep 2014	431	340	558	11384	12713	17206	29918	431	340	558	1329	11384	17206	29918	2270	686	0	30.4	
Oct 2014	473	363	560	11546	12941	17268	30209	473	363	560	1395	11546	17268	30209	3040	570	0	30.2	
Nov 2014	514	358	552	11642	13066	17250	30316	514	358	552	1424	11642	17250	30316	3810	638	0	30.0	
Dec 2014	564	336	550	11779	13228	17288	30516	564	336	550	1450	11779	17288	30516	4580	598	0	29.9	
Jan 2015	636	321	552	12158	13667	17049	30716	636	321	552	1509	12158	17049	30716	5350	725	0	29.7	
**** PREDICTED SPACE ****								**** EFFECTIVE SPACE ****											
Jan 2015	636	321	552	12158	13667	17049	30716	298	321	440	1059	12158	17049	30266	5350	725	0	29.7	
Feb 2015	704	325	556	12506	14091	16950	31040	364	325	443	1133	12506	16950	30588	1500	694	0	29.4	
Mar 2015	757	328	550	12709	14344	16959	31303	415	328	436	1179	12709	16959	30848	1500	1046	0	29.1	
Apr 2015	765	323	494	12768	14350	17316	31665	419	323	373	1115	12768	17316	31199	1500	1132	0	29.1	
May 2015	740	291	401	12537	13969	17787	31756	388	291	259	939	12537	17787	31263	1500	1015	0	30.2	
Jun 2015	651	201	276	11318	12446	18135	30582	288	197	98	584	11318	18135	30037	1500	950	0	31.7	
Jul 2015	488	32	273	9984	10777	18322	29100	110	5	43	158	9984	18322	28465	1500	875	0	31.8	
**** PREDICTED SPACE ****								**** CREDITABLE SPACE ****											
Aug 2015	396	27	287	10042	10752	18229	28981	396	27	287	710	10042	18229	28981	1500	835	0	31.4	
Sep 2015	422	77	304	10512	11315	18002	29317	422	77	304	803	10512	18002	29317	2270	675	0	31.1	
Oct 2015	475	146	307	10803	11731	17863	29594	475	146	307	928	10803	17863	29594	3040	553	0	30.8	
Nov 2015	523	174	301	10855	11854	17824	29678	523	174	301	999	10855	17824	29678	3810	613	0	30.7	
Dec 2015	572	184	306	10956	12018	17846	29864	572	184	306	1062	10956	17846	29864	4580	513	0	30.7	
Jan 2016	639	248	318	11260	12465	17537	30002	639	248	318	1205	11260	17537	30002	5350	631	0	30.5	
**** PREDICTED SPACE ****								**** EFFECTIVE SPACE ****											
Jan 2016	639	248	318	11260	12465	17537	30002	309	248	199	757	11260	17537	29554	5350	631	0	30.5	
Feb 2016	700	301	331	11560	12893	17342	30235	369	301	212	882	11560	17342	29785	1500	693	0	30.2	
Mar 2016	751	328	334	11736	13149	17343	30492	418	328	214	960	11736	17343	30039	1500	1062	0	29.9	
Apr 2016	753	323	288	11793	13156	17708	30864	415	323	160	899	11793	17708	30400	1500	1139	0	29.8	

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