

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
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The operation of Lake Powell and Lake Mead in this May 2015 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 2015 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2014 24-Month Study projections of the January 1, 2015, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2015.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2015 is the Upper Elevation Balancing Tier. The April 2015 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet and the end of water year elevation at Lake Mead to be below elevation 1,075.0 feet. Therefore, in accordance with Section 6.B.4 of the 2007 Interim Guidelines, Lake Powell operations shifted to “balancing releases” for the remainder of water year 2015. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this May 24-Month Study projects a balancing release of 9.0 maf in water year 2015; the actual release in water year 2015, however, will depend on hydrology in the remainder of water year and will range from 8.23 to 9.0 maf. The projected release from Lake Powell in water year 2015 will be updated each month throughout the remainder of the water year.

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 2015.

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

The 2015 AOP is available for download at: <http://www.usbr.gov/uc/water/rsrvs/ops/aop/AOP15.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 0.639 maf or 61 percent of the 30-year average from 1981 to 2010. The forecast for May unregulated inflow into Lake Powell is 1.00 maf or 43 percent of the 30-year average. The forecasted 2015 April through July unregulated inflow is 3.00 maf or 42 percent of average.

In this study, the calendar year 2015 diversion for Metropolitan Water District of Southern California (MWD) is projected to be 0.941 maf. The calendar year 2015 diversion for the Central Arizona Project (CAP) is projected to be 1.489 maf. Consumptive use for Nevada above Hoover (SNWP Use) is projected to be 0.228 maf for calendar year 2015.

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. 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 2015 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 2014	272	1	96	126	222	6483.58	186
H	Jun 2014	427	2	104	254	364	6492.90	247
I	Jul 2014	220	3	90	1	117	6506.25	347
S	Aug 2014	98	2	100	1	108	6504.71	335
T	Sep 2014	69	2	21	66	87	6502.07	314
WY 2014		1424	15	811	478	1328		
O	Oct 2014	85	1	80	10	90	6501.37	309
R	Nov 2014	53	1	69	1	69	6499.16	292
I	Dec 2014	51	1	77	0	77	6495.49	265
C	Jan 2015	46	1	77	0	77	6490.98	234
A	Feb 2015	46	1	69	1	69	6487.37	210
L	Mar 2015	70	1	78	0	78	6486.00	201
*	Apr 2015	87	1	102	0	103	6483.35	185
	May 2015	158	2	102	0	102	6491.87	241
	Jun 2015	175	2	89	0	89	6503.24	324
	Jul 2015	75	3	92	0	92	6500.65	304
	Aug 2015	45	2	64	0	64	6497.79	282
	Sep 2015	39	2	38	21	60	6494.70	260
WY 2015		931	16	937	32	969		
	Oct 2015	44	1	61	0	61	6491.99	241
	Nov 2015	40	1	60	0	60	6488.90	221
	Dec 2015	32	1	61	0	61	6484.21	191
	Jan 2016	30	1	61	0	61	6478.59	159
	Feb 2016	28	0	58	0	58	6472.27	129
	Mar 2016	53	0	61	0	61	6470.13	120
	Apr 2016	85	1	89	0	89	6469.08	115
	May 2016	164	1	98	9	108	6480.60	170
	Jun 2016	299	2	101	98	199	6495.82	268
	Jul 2016	178	3	98	0	98	6505.88	345
	Aug 2016	77	2	93	0	93	6503.51	326
	Sep 2016	46	2	68	0	68	6500.34	302
WY 2016		1075	15	912	107	1019		
	Oct 2016	49	1	71	0	71	6497.21	278
	Nov 2016	42	1	68	0	68	6493.41	251
	Dec 2016	32	1	71	0	71	6487.49	212
	Jan 2017	30	1	71	0	71	6480.71	171
	Feb 2017	28	1	64	0	64	6473.39	134
	Mar 2017	53	0	71	0	71	6469.14	116
	Apr 2017	85	1	74	0	74	6471.59	126

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 2015 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir



	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	May 2014	333	283	8	53	0	53	128	6025.67	3185	594
H	Jun 2014	472	409	10	208	85	293	132	6028.39	3287	775
I	Jul 2014	226	123	13	105	0	105	132	6028.51	3292	208
S	Aug 2014	126	136	13	122	0	122	132	6028.53	3293	190
T	Sep 2014	99	118	11	116	0	116	132	6028.31	3284	170
	WY 2014	1689	1594	77	945	86	1032				2799
O	Oct 2014	108	112	7	92	0	92	133	6028.64	3297	159
R	Nov 2014	65	81	4	77	0	77	133	6028.63	3296	134
I	Dec 2014	53	79	2	113	0	113	131	6027.71	3262	164
C	Jan 2015	67	98	2	124	0	124	130	6026.99	3234	178
A	Feb 2015	63	86	2	113	0	113	129	6026.25	3207	168
L	Mar 2015	77	85	3	124	0	124	127	6025.15	3166	219
*	Apr 2015	112	127	5	73	0	73	129	6026.41	3213	252
	May 2015	185	129	8	238	0	238	125	6023.36	3100	518
	Jun 2015	190	104	10	89	0	89	125	6023.49	3105	239
	Jul 2015	83	100	13	92	0	92	125	6023.36	3100	122
	Aug 2015	48	67	12	92	0	92	123	6022.38	3065	105
	Sep 2015	43	64	11	89	0	89	122	6021.41	3030	98
	WY 2015	1093	1131	78	1318	0	1318				2358
	Oct 2015	50	68	7	58	0	58	122	6021.49	3033	79
	Nov 2015	47	67	3	48	0	48	123	6021.92	3048	74
	Dec 2015	35	64	2	49	0	49	123	6022.28	3061	74
	Jan 2016	40	72	2	49	0	49	124	6022.83	3081	74
	Feb 2016	45	74	2	46	0	46	125	6023.53	3106	74
	Mar 2016	102	111	3	49	0	49	127	6025.07	3163	126
	Apr 2016	134	137	5	48	0	48	131	6027.26	3245	263
	May 2016	245	189	8	103	0	103	134	6029.24	3320	635
	Jun 2016	390	290	11	164	0	164	138	6032.10	3431	584
	Jul 2016	210	131	14	109	0	109	138	6032.29	3438	209
	Aug 2016	89	105	13	109	0	109	138	6031.88	3422	134
	Sep 2016	55	78	11	106	0	106	136	6030.91	3384	125
	WY 2016	1442	1386	80	937	0	937				2451
	Oct 2016	59	81	7	109	0	109	135	6030.03	3350	141
	Nov 2016	51	77	3	106	0	106	134	6029.24	3320	137
	Dec 2016	35	74	2	109	0	109	132	6028.30	3284	134
	Jan 2017	40	81	2	109	0	109	131	6027.53	3255	134
	Feb 2017	45	81	2	99	0	99	130	6027.02	3236	126
	Mar 2017	102	120	3	109	0	109	131	6027.23	3243	186
	Apr 2017	134	122	5	106	0	106	131	6027.54	3255	321

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 2015 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 2014	31	27	9312.59	74
H Jun 2014	49	28	9324.29	95
I Jul 2014	19	25	9320.83	88
S Aug 2014	12	19	9316.50	81
T Sep 2014	10	14	9314.21	77
WY 2014	161	154		
O Oct 2014	10	8	9315.40	79
R Nov 2014	7	6	9315.85	80
I Dec 2014	6	6	9315.74	79
C Jan 2015	5	6	9315.48	79
A Feb 2015	4	5	9314.94	78
L Mar 2015	7	6	9315.31	79
* Apr 2015	9	6	9317.32	82
May 2015	24	14	9322.81	92
Jun 2015	21	18	9324.39	95
Jul 2015	8	18	9319.01	85
Aug 2015	7	18	9312.63	74
Sep 2015	6	14	9307.60	66
WY 2015	114	124		
Oct 2015	6	8	9306.17	64
Nov 2015	5	6	9305.36	63
Dec 2015	5	6	9304.46	61
Jan 2016	4	6	9303.32	60
Feb 2016	4	6	9301.77	58
Mar 2016	4	6	9300.65	56
Apr 2016	9	6	9302.62	59
May 2016	28	12	9313.19	75
Jun 2016	42	18	9326.28	99
Jul 2016	20	22	9325.32	97
Aug 2016	10	22	9319.06	85
Sep 2016	7	18	9312.90	75
WY 2016	144	136		
Oct 2016	7	12	9309.60	69
Nov 2016	5	6	9309.04	68
Dec 2016	5	6	9308.19	67
Jan 2017	4	6	9307.12	65
Feb 2017	4	6	9305.66	63
Mar 2017	4	6	9304.60	62
Apr 2017	9	6	9306.46	64

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 2015 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 2014	242	240	1	69	3	72	7501.73	676
H	Jun 2014	361	338	1	185	142	353	7499.76	659
I	Jul 2014	117	123	1	118	0	118	7500.15	663
S	Aug 2014	64	72	1	104	0	104	7496.00	629
T	Sep 2014	48	52	1	81	0	81	7492.28	599
	WY 2014	1145	1138	8	708	145	879		
O	Oct 2014	55	53	1	64	0	64	7490.77	587
R	Nov 2014	37	36	0	27	0	27	7491.85	596
I	Dec 2014	34	34	0	55	0	55	7489.11	574
C	Jan 2015	30	30	0	58	0	58	7485.48	547
A	Feb 2015	28	29	0	29	0	29	7485.47	547
L	Mar 2015	54	53	0	26	0	26	7488.96	573
*	Apr 2015	73	70	1	45	0	45	7492.04	597
	May 2015	160	150	1	60	0	60	7502.95	686
	Jun 2015	152	149	1	74	0	74	7511.55	759
	Jul 2015	55	65	2	108	0	108	7506.40	715
	Aug 2015	43	54	1	111	0	111	7499.50	657
	Sep 2015	33	41	1	84	0	84	7494.06	613
	WY 2015	752	763	9	740	0	740		
	Oct 2015	35	37	1	53	0	53	7492.04	597
	Nov 2015	30	31	0	17	0	17	7493.78	611
	Dec 2015	26	27	0	57	0	57	7490.00	581
	Jan 2016	24	26	0	61	0	61	7485.41	546
	Feb 2016	22	25	0	51	0	51	7481.84	520
	Mar 2016	36	38	0	43	0	43	7481.05	514
	Apr 2016	77	74	1	42	0	42	7485.30	545
	May 2016	221	205	1	150	0	150	7492.26	599
	Jun 2016	261	237	1	56	0	56	7513.77	779
	Jul 2016	117	119	2	94	0	94	7516.40	802
	Aug 2016	63	75	1	122	0	122	7510.99	754
	Sep 2016	38	49	1	116	0	116	7502.99	686
	WY 2016	951	942	9	861	0	861		
	Oct 2016	38	44	1	77	0	77	7498.88	652
	Nov 2016	31	32	0	47	0	47	7497.01	637
	Dec 2016	26	27	0	82	0	82	7490.00	581
	Jan 2017	24	26	0	73	0	73	7483.81	534
	Feb 2017	22	25	0	50	0	50	7480.34	508
	Mar 2017	36	38	0	43	0	43	7479.54	503
	Apr 2017	77	74	1	42	0	42	7483.83	534

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 2015 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 2014	268	72	26	98	93	0	93	7152.55	111
H	Jun 2014	379	353	18	372	295	63	382	7138.91	101
I	Jul 2014	120	118	3	122	82	8	110	7153.91	112
S	Aug 2014	64	104	1	105	104	0	104	7154.40	113
T	Sep 2014	49	81	1	82	82	0	82	7153.75	112
	WY 2014	1215	879	70	949	782	73	949		
O	Oct 2014	56	64	1	65	49	0	68	7149.96	109
R	Nov 2014	38	27	2	29	23	0	26	7154.03	112
I	Dec 2014	35	55	1	56	56	0	56	7153.68	112
C	Jan 2015	30	58	1	58	60	0	60	7152.01	111
A	Feb 2015	29	29	1	30	31	0	31	7151.25	110
L	Mar 2015	56	26	3	29	28	0	28	7151.69	110
*	Apr 2015	79	45	6	50	51	0	51	7150.61	110
	May 2015	176	60	16	76	74	0	74	7153.73	112
	Jun 2015	162	74	10	84	84	0	84	7153.73	112
	Jul 2015	57	108	2	110	110	0	110	7153.73	112
	Aug 2015	47	111	4	115	115	0	115	7153.73	112
	Sep 2015	36	84	3	87	87	0	87	7153.73	112
	WY 2015	801	740	49	789	767	0	789		
	Oct 2015	38	53	3	55	55	0	55	7153.73	112
	Nov 2015	32	17	2	19	19	0	19	7153.73	112
	Dec 2015	28	57	2	59	59	0	59	7153.73	112
	Jan 2016	27	61	2	63	63	0	63	7153.73	112
	Feb 2016	25	51	3	54	54	0	54	7153.73	112
	Mar 2016	40	43	4	47	47	0	47	7153.73	112
	Apr 2016	88	42	11	53	53	0	53	7153.73	112
	May 2016	247	150	26	176	176	0	176	7153.73	112
	Jun 2016	281	56	20	76	76	0	76	7153.73	112
	Jul 2016	123	94	6	100	100	0	100	7153.73	112
	Aug 2016	67	122	3	125	125	0	125	7153.73	112
	Sep 2016	41	116	3	119	119	0	119	7153.73	112
	WY 2016	1036	861	85	946	946	0	946		
	Oct 2016	41	77	3	80	80	0	80	7153.73	112
	Nov 2016	33	47	2	49	49	0	49	7153.73	112
	Dec 2016	28	82	2	85	85	0	85	7153.73	112
	Jan 2017	27	73	2	75	75	0	75	7153.73	112
	Feb 2017	25	50	3	53	53	0	53	7153.73	112
	Mar 2017	40	43	4	47	47	0	47	7153.73	112
	Apr 2017	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 2015 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 2014	297	93	29	122	88	22	118	6758.88	19	52	69
H	Jun 2014	414	382	35	417	108	126	419	6751.56	17	61	378
I	Jul 2014	130	110	10	120	119	2	120	6749.06	16	67	59
S	Aug 2014	69	104	4	109	108	0	108	6749.65	16	65	48
T	Sep 2014	53	82	4	86	84	3	87	6747.57	15	62	26
	WY 2014	1337	949	123	1071	690	187	1071			374	738
O	Oct 2014	61	68	5	73	74	0	74	6745.88	15	48	27
R	Nov 2014	43	26	5	30	29	0	30	6748.06	16	0	29
I	Dec 2014	39	56	5	61	61	0	61	6746.42	15	1	62
C	Jan 2015	35	60	5	64	55	9	64	6746.05	15	1	65
A	Feb 2015	34	31	4	35	11	22	33	6751.96	17	0	34
L	Mar 2015	63	28	6	35	35	0	35	6752.00	17	1	34
*	Apr 2015	85	51	7	58	58	0	58	6751.65	17	37	21
	May 2015	193	74	17	91	91	0	91	6753.04	17	55	36
	Jun 2015	178	84	16	100	100	0	100	6753.04	17	60	40
	Jul 2015	59	110	2	112	112	0	112	6753.04	17	65	47
	Aug 2015	50	115	3	118	118	0	118	6753.04	17	65	53
	Sep 2015	41	87	5	92	92	0	92	6753.04	17	55	37
	WY 2015	881	789	80	869	835	32	867			387	484
	Oct 2015	43	55	5	61	61	0	61	6753.04	17	30	31
	Nov 2015	37	19	4	24	24	0	24	6753.04	17	0	24
	Dec 2015	32	59	5	63	63	0	63	6753.04	17	0	63
	Jan 2016	31	63	5	68	68	0	68	6753.04	17	0	68
	Feb 2016	29	54	4	57	57	0	57	6753.04	17	0	57
	Mar 2016	46	47	6	53	53	0	53	6753.04	17	5	48
	Apr 2016	101	53	12	66	66	0	66	6753.04	17	30	36
	May 2016	281	176	34	210	134	76	210	6753.04	17	55	155
	Jun 2016	315	76	34	110	110	0	110	6753.04	17	60	50
	Jul 2016	138	100	14	114	114	0	114	6753.04	17	65	49
	Aug 2016	75	125	8	134	134	0	134	6753.04	17	65	69
	Sep 2016	47	119	6	125	125	0	125	6753.04	17	55	70
	WY 2016	1175	946	139	1085	1009	76	1085			365	720
	Oct 2016	47	80	6	86	86	0	86	6753.04	17	30	56
	Nov 2016	38	49	5	54	54	0	54	6753.04	17	0	54
	Dec 2016	32	85	5	89	89	0	89	6753.04	17	0	89
	Jan 2017	31	75	5	80	80	0	80	6753.04	17	0	80
	Feb 2017	29	53	4	56	56	0	56	6753.04	17	0	56
	Mar 2017	46	47	6	53	53	0	53	6753.04	17	5	48
	Apr 2017	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 2015 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 2014	59	43	7663.60	122
H	Jun 2014	47	50	7662.12	118
I	Jul 2014	15	38	7653.12	95
S	Aug 2014	14	32	7645.08	75
T	Sep 2014	22	28	7642.43	70
WY 2014		238	229		
O	Oct 2014	23	5	7650.16	87
R	Nov 2014	10	3	7652.74	94
I	Dec 2014	6	4	7653.53	96
C	Jan 2015	6	5	7654.18	97
A	Feb 2015	7	4	7655.19	100
L	Mar 2015	13	12	7655.67	101
*	Apr 2015	19	11	7658.49	108
	May 2015	38	34	7659.76	111
	Jun 2015	26	43	7653.02	94
	Jul 2015	11	41	7639.67	64
	Aug 2015	12	37	7625.95	38
	Sep 2015	11	29	7612.12	20
WY 2015		182	229		
	Oct 2015	12	17	7607.00	15
	Nov 2015	8	1	7613.15	21
	Dec 2015	6	2	7617.22	26
	Jan 2016	5	2	7620.17	29
	Feb 2016	5	1	7622.47	33
	Mar 2016	9	2	7626.94	40
	Apr 2016	23	1	7638.49	61
	May 2016	71	31	7655.68	101
	Jun 2016	70	46	7664.79	125
	Jul 2016	29	41	7659.89	112
	Aug 2016	20	38	7652.66	93
	Sep 2016	17	29	7647.62	81
WY 2016		276	211		
	Oct 2016	16	16	7647.18	80
	Nov 2016	9	1	7650.21	87
	Dec 2016	6	2	7652.15	92
	Jan 2017	5	2	7653.68	96
	Feb 2017	5	1	7654.97	99
	Mar 2017	9	2	7657.66	106
	Apr 2017	23	4	7664.97	125

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 2015 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 2014	176	20	141	3	31	17	6042.68	1142	115
H Jun 2014	116	19	98	4	39	20	6045.77	1177	148
I Jul 2014	14	2	35	4	44	29	6042.03	1135	64
S Aug 2014	14	1	32	3	37	39	6037.72	1088	61
T Sep 2014	39	1	47	2	22	31	6036.99	1081	61
WY 2014	696	62	626	23	203	253			754
O Oct 2014	68	1	46	1	7	21	6038.47	1096	65
R Nov 2014	28	0	21	1	0	21	6038.43	1096	46
I Dec 2014	19	0	17	1	0	21	6037.94	1091	44
C Jan 2015	23	0	21	1	0	21	6037.90	1090	39
A Feb 2015	29	1	25	1	0	19	6038.43	1096	40
L Mar 2015	87	7	80	1	3	21	6043.43	1150	56
* Apr 2015	80	8	64	2	20	21	6045.22	1170	39
May 2015	100	18	78	3	34	23	6046.80	1188	105
Jun 2015	40	8	49	4	48	21	6044.64	1164	86
Jul 2015	10	1	40	4	52	37	6039.75	1110	61
Aug 2015	18	0	43	3	44	36	6035.99	1070	60
Sep 2015	26	0	44	2	25	29	6034.87	1058	50
WY 2015	527	45	527	24	233	292			692
Oct 2015	34	0	39	1	9	22	6035.55	1065	43
Nov 2015	29	0	23	1	0	21	6035.66	1067	37
Dec 2015	25	0	20	1	0	22	6035.49	1065	37
Jan 2016	22	0	18	1	0	22	6035.11	1061	35
Feb 2016	30	0	27	1	0	20	6035.68	1067	33
Mar 2016	92	1	84	1	5	22	6040.93	1123	44
Apr 2016	170	13	136	2	20	21	6049.16	1216	73
May 2016	277	38	199	3	34	22	6060.67	1356	168
Jun 2016	224	32	167	4	49	21	6067.72	1449	172
Jul 2016	66	7	72	5	53	33	6066.36	1431	100
Aug 2016	45	1	62	4	44	47	6063.86	1398	86
Sep 2016	43	1	54	3	24	47	6062.40	1379	79
WY 2016	1058	93	901	26	237	317			906
Oct 2016	47	1	46	2	8	22	6063.51	1393	50
Nov 2016	34	1	26	1	0	21	6063.80	1397	39
Dec 2016	25	0	20	1	0	22	6063.65	1395	37
Jan 2017	22	0	18	1	0	22	6063.33	1391	35
Feb 2017	30	0	27	1	0	19	6063.84	1397	32
Mar 2017	92	2	83	2	5	22	6067.96	1452	44
Apr 2017	170	15	136	3	20	50	6072.56	1516	102

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 2015 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 2014	2082	1632	24	493	0	493	3589.38	4915	10764	498
H	Jun 2014	3039	2676	42	598	0	598	3609.19	5066	12649	609
I	Jul 2014	838	730	53	800	0	800	3608.05	5056	12535	814
S	Aug 2014	517	615	53	801	0	801	3605.82	5039	12314	818
T	Sep 2014	511	622	48	604	0	604	3605.53	5037	12286	619
WY 2014		10381	9287	347	7337	143	7480				7568
O	Oct 2014	716	636	34	598	0	598	3605.57	5037	12290	613
R	Nov 2014	423	420	32	645	132	777	3601.87	5008	11929	780
I	Dec 2014	409	465	25	864	0	864	3597.75	4977	11537	880
C	Jan 2015	348	449	8	862	0	862	3593.57	4945	11147	878
A	Feb 2015	424	464	8	589	0	589	3592.23	4936	11024	595
L	Mar 2015	552	543	14	649	0	649	3591.02	4927	10913	656
*	Apr 2015	639	539	21	600	0	600	3590.18	4921	10837	610
	May 2015	1000	926	25	700	0	700	3592.22	4935	11023	708
	Jun 2015	1000	859	40	800	0	800	3592.41	4937	11040	809
	Jul 2015	360	502	47	1050	0	1050	3586.31	4893	10490	1065
	Aug 2015	260	434	45	800	0	800	3581.98	4862	10110	817
	Sep 2015	270	395	40	710	0	710	3578.13	4836	9780	723
WY 2015		6401	6632	337	8868	132	9000				9134
	Oct 2015	397	418	28	480	0	480	3577.16	4830	9698	489
	Nov 2015	420	399	27	500	0	500	3575.75	4820	9580	506
	Dec 2015	363	404	21	600	0	600	3573.33	4804	9379	606
	Jan 2016	361	406	6	800	0	800	3568.78	4774	9009	809
	Feb 2016	393	413	6	600	0	600	3566.53	4760	8830	605
	Mar 2016	665	555	11	600	0	600	3565.87	4756	8778	606
	Apr 2016	1056	818	18	500	0	500	3569.36	4778	9055	510
	May 2016	2343	1945	23	600	0	600	3583.93	4876	10280	608
	Jun 2016	2666	2113	39	600	0	600	3598.89	4985	11645	609
	Jul 2016	1091	993	50	800	0	800	3600.28	4996	11777	815
	Aug 2016	500	626	50	800	0	800	3598.10	4979	11570	817
	Sep 2016	408	565	46	600	0	600	3597.31	4973	11495	613
WY 2016		10662	9656	324	7480	0	7480				7593
	Oct 2016	512	586	32	600	0	600	3596.86	4970	11453	609
	Nov 2016	473	531	30	600	0	600	3595.87	4963	11361	606
	Dec 2016	363	490	24	800	0	800	3592.53	4938	11051	806
	Jan 2017	361	478	7	800	0	800	3589.18	4913	10747	809
	Feb 2017	393	464	8	650	0	650	3587.18	4899	10567	655
	Mar 2017	665	615	13	650	0	650	3586.69	4896	10523	656
	Apr 2017	1056	906	21	600	0	600	3589.63	4917	10787	610

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 2015 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead



	Glen Release	Side Inflow	Evap	Total	Total	SNWP	Downstream	Bank	Reservoir Elev	EOM
Date	(1000 Ac-Ft)	Glen to Hoover	Losses	Release	Release	Use	Requirements	Storage	End of Month	Storage
		(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 CFS)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(Ft)	(1000 Ac-Ft)
* May 2014	493	13	46	1086	17.7	30	1084	692	1087.46	10639
H Jun 2014	598	10	54	959	16.1	28	958	665	1082.66	10233
I Jul 2014	800	54	67	943	15.3	27	941	654	1080.60	10061
S Aug 2014	801	113	71	735	12.0	23	727	659	1081.55	10140
T Sep 2014	604	140	58	686	11.5	19	684	658	1081.33	10121
WY 2014	7480	677	567	9759		216	9716			
O Oct 2014	598	68	43	472	7.7	21	461	666	1082.79	10244
R Nov 2014	777	44	43	695	11.7	13	692	670	1083.57	10309
I Dec 2014	864	56	37	493	8.0	8	492	693	1087.79	10667
C Jan 2015	862	73	31	832	13.5	6	832	697	1088.51	10729
A Feb 2015	589	90	28	600	10.8	8	599	700	1088.98	10769
L Mar 2015	649	57	31	1034	16.8	14	1033	677	1084.87	10419
* Apr 2015	600	26	38	1087	18.3	20	1086	646	1079.03	9931
May 2015	700	49	43	996	16.2	30	996	626	1075.36	9630
Jun 2015	800	23	52	939	15.8	30	939	614	1073.06	9444
Jul 2015	1050	67	65	858	14.0	32	858	624	1074.95	9597
Aug 2015	800	127	69	796	12.9	30	796	626	1075.32	9627
Sep 2015	710	114	57	759	12.8	17	759	625	1075.22	9619
WY 2015	9000	794	537	9562		230	9544			
Oct 2015	480	61	41	457	7.4	21	457	627	1075.47	9639
Nov 2015	500	50	41	579	9.7	12	579	622	1074.52	9562
Dec 2015	600	96	36	532	8.6	8	532	629	1075.92	9676
Jan 2016	800	72	29	704	11.4	9	704	637	1077.41	9797
Feb 2016	600	77	27	631	11.0	8	631	638	1077.53	9808
Mar 2016	600	61	30	1034	16.8	16	1034	612	1072.69	9414
Apr 2016	500	76	36	1095	18.4	22	1095	577	1065.84	8872
May 2016	600	49	41	1003	16.3	30	1003	551	1060.66	8473
Jun 2016	600	23	48	925	15.5	30	925	528	1055.91	8116
Jul 2016	800	67	59	879	14.3	32	879	521	1054.60	8019
Aug 2016	800	127	63	788	12.8	30	788	524	1055.19	8062
Sep 2016	600	114	52	729	12.2	17	729	519	1054.13	7984
WY 2016	7480	874	504	9357		234	9357			
Oct 2016	600	61	38	484	7.9	21	484	526	1055.63	8095
Nov 2016	600	50	38	635	10.7	12	635	524	1055.20	8063
Dec 2016	800	96	33	559	9.1	8	559	542	1058.92	8341
Jan 2017	800	72	27	671	10.9	9	671	552	1060.95	8495
Feb 2017	650	77	25	596	10.7	8	596	558	1062.14	8586
Mar 2017	650	61	28	999	16.2	16	999	538	1058.03	8275
Apr 2017	600	76	34	1062	17.8	22	1062	511	1052.43	7859

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 2015 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 2014	1086	-17	22	1023	0	1022	16.6	644.01	1726
H	Jun 2014	959	-19	25	947	0	947	15.9	642.83	1694
I	Jul 2014	943	-10	25	900	0	900	14.6	643.10	1701
S	Aug 2014	735	-6	23	697	0	697	11.3	643.43	1711
T	Sep 2014	686	-6	18	727	0	727	12.2	641.03	1645
WY 2014		9759	-139	198	9400	0	9400			
O	Oct 2014	472	10	15	642	0	642	10.4	634.40	1470
R	Nov 2014	695	-6	10	629	0	629	10.6	636.32	1520
I	Dec 2014	493	-2	9	445	0	445	7.2	637.75	1558
C	Jan 2015	832	-22	10	660	0	660	10.7	642.98	1698
A	Feb 2015	600	-8	10	625	0	625	11.3	641.43	1656
L	Mar 2015	1034	-21	13	963	0	963	15.7	642.78	1693
*	Apr 2015	1087	-21	17	1022	3	1019	17.1	643.88	1723
	May 2015	996	-15	22	983	0	983	16.0	643.00	1699
	Jun 2015	939	-17	25	896	0	896	15.1	643.00	1699
	Jul 2015	858	-13	25	860	0	860	14.0	641.50	1658
	Aug 2015	796	-10	23	763	0	763	12.4	641.50	1658
	Sep 2015	759	-6	18	775	0	775	13.0	640.01	1617
WY 2015		9562	-132	197	9263	3	9260			
	Oct 2015	457	1	15	627	0	627	10.2	633.00	1434
	Nov 2015	579	-11	10	507	0	507	8.5	635.00	1486
	Dec 2015	532	-12	9	413	0	413	6.7	638.71	1583
	Jan 2016	704	-13	10	598	0	598	9.7	641.80	1666
	Feb 2016	631	-13	10	608	0	608	10.6	641.80	1666
	Mar 2016	1034	-15	13	972	0	972	15.8	643.05	1700
	Apr 2016	1095	-19	17	1061	0	1061	17.8	643.00	1699
	May 2016	1003	-15	22	966	0	966	15.7	643.00	1699
	Jun 2016	925	-17	25	910	0	910	15.3	642.00	1671
	Jul 2016	879	-13	25	854	0	854	13.9	641.50	1658
	Aug 2016	788	-10	23	755	0	755	12.3	641.50	1658
	Sep 2016	729	-6	18	745	0	745	12.5	640.01	1617
WY 2016		9357	-143	197	9017	0	9017			
	Oct 2016	484	1	15	653	0	653	10.6	633.00	1434
	Nov 2016	635	-11	10	563	0	563	9.5	635.00	1486
	Dec 2016	559	-12	9	440	0	440	7.2	638.71	1583
	Jan 2017	671	-13	10	565	0	565	9.2	641.80	1666
	Feb 2017	596	-13	10	574	0	574	10.3	641.80	1666
	Mar 2017	999	-15	13	936	0	936	15.2	643.05	1700
	Apr 2017	1062	-19	17	1028	0	1028	17.3	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 2015 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 2014	1022	-3	13	694	11.3	110	184	448.48	589	115	1.9
H	Jun 2014	947	11	15	713	12.0	95	133	447.90	578	112	1.9
I	Jul 2014	900	18	17	685	11.1	105	93	448.27	585	118	1.9
S	Aug 2014	697	26	17	495	8.1	106	99	448.10	582	100	1.6
T	Sep 2014	727	13	15	474	8.0	102	140	448.17	583	90	1.5
	WY 2014	9400	169	140	6496		1137	1685			1587	
O	Oct 2014	642	16	12	432	7.0	105	135	446.41	550	65	1.1
R	Nov 2014	629	9	9	351	5.9	102	147	447.77	576	89	1.5
I	Dec 2014	445	18	7	240	3.9	109	132	446.36	549	98	1.6
C	Jan 2015	660	17	6	348	5.7	105	180	448.22	584	146	2.4
A	Feb 2015	625	9	8	473	8.5	54	109	447.38	568	172	3.1
L	Mar 2015	963	3	9	707	11.5	86	146	447.89	578	219	3.6
*	Apr 2015	1019	-5	11	730	12.3	104	154	448.09	582	209	3.5
	May 2015	983	17	13	677	11.0	105	181	448.70	593	101	1.6
	Jun 2015	896	15	16	707	11.9	102	73	448.70	593	100	1.7
	Jul 2015	860	29	17	694	11.3	105	74	448.00	580	103	1.7
	Aug 2015	763	27	17	591	9.6	105	75	447.50	571	92	1.5
	Sep 2015	775	23	15	525	8.8	102	147	447.50	570	89	1.5
	WY 2015	9260	178	140	6474		1183	1554			1484	
	Oct 2015	627	25	12	490	8.0	25	117	447.50	571	63	1.0
	Nov 2015	507	27	9	378	6.4	23	119	447.50	571	97	1.6
	Dec 2015	413	21	7	303	4.9	25	114	446.50	552	110	1.8
	Jan 2016	598	18	6	354	5.8	79	172	446.50	552	130	2.1
	Feb 2016	608	11	8	440	7.7	73	92	446.50	552	161	2.8
	Mar 2016	972	15	9	741	12.0	79	145	446.70	555	205	3.3
	Apr 2016	1061	23	11	783	13.2	76	167	448.70	593	205	3.4
	May 2016	966	17	13	705	11.5	79	173	448.70	593	113	1.8
	Jun 2016	910	15	16	695	11.7	76	124	448.70	593	111	1.9
	Jul 2016	854	29	17	701	11.4	79	86	448.00	580	119	1.9
	Aug 2016	755	27	17	599	9.7	79	85	447.50	571	100	1.6
	Sep 2016	745	23	15	545	9.2	76	123	447.50	570	89	1.5
	WY 2016	9017	252	139	6736		768	1518			1504	
	Oct 2016	653	25	12	450	7.3	79	130	447.50	571	55	0.9
	Nov 2016	563	27	9	372	6.3	76	127	447.50	571	103	1.7
	Dec 2016	440	21	7	277	4.5	79	114	446.50	552	108	1.7
	Jan 2017	565	18	6	348	5.7	80	145	446.50	552	126	2.1
	Feb 2017	574	11	8	432	7.8	70	68	446.50	552	156	2.8
	Mar 2017	936	15	9	732	11.9	80	119	446.70	555	198	3.2
	Apr 2017	1028	23	11	774	13.0	77	144	448.70	593	198	3.3

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 2015 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 2014	1086	17.7	1087.46	10639	-615	440.39	1341.0	431.0	81	397.1
H	Jun 2014	959	16.1	1082.66	10233	-406	437.98	1541.0	372.9	93	388.7
I	Jul 2014	943	15.3	1080.60	10061	-172	434.94	1615.0	363.6	100	385.7
S	Aug 2014	735	12.0	1081.55	10140	79	436.53	1493.0	279.3	94	379.9
T	Sep 2014	686	11.5	1081.33	10121	-18	437.59	1493.0	262.1	94	382.2
WY 2014		9759							3910.2		
O	Oct 2014	472	7.7	1082.79	10244	122	442.74	1282.0	180.0	81	381.5
R	Nov 2014	695	11.7	1083.57	10309	65	437.62	1079.0	270.7	68	389.5
I	Dec 2014	493	8.0	1087.79	10667	358	446.86	889.0	189.0	55	383.3
C	Jan 2015	832	13.5	1088.51	10729	62	441.51	1018.0	333.5	63	400.6
A	Feb 2015	600	10.8	1088.98	10769	40	444.73	848.0	239.1	52	398.4
L	Mar 2015	1034	16.8	1084.87	10419	-350	440.21	952.0	412.2	60	398.7
*	Apr 2015	1087	18.3	1079.03	9931	-488	430.55	1217.0	427.4	76	393.2
	May 2015	996	16.2	1075.36	9630	-300	426.22	1165.0	385.1	74	386.6
	Jun 2015	939	15.8	1073.06	9444	-186	420.79	1534.0	357.0	100	380.2
	Jul 2015	858	14.0	1074.95	9597	153	421.07	1543.0	328.7	100	383.0
	Aug 2015	796	12.9	1075.32	9627	30	422.68	1546.0	303.6	100	381.4
	Sep 2015	759	12.8	1075.22	9619	-8	423.30	1547.0	289.4	100	381.4
WY 2015		9562							3715.8		
	Oct 2015	457	7.4	1075.47	9639	20	429.60	950.0	175.5	62	384.1
	Nov 2015	579	9.7	1074.52	9562	-77	431.60	950.0	224.8	61	388.1
	Dec 2015	532	8.6	1075.92	9676	113	427.90	1265.0	199.4	80	375.0
	Jan 2016	704	11.4	1077.41	9797	122	428.31	1095.0	271.7	69	386.0
	Feb 2016	631	11.0	1077.53	9808	10	427.29	1219.0	240.5	77	381.2
	Mar 2016	1034	16.8	1072.69	9414	-393	424.61	1190.0	399.9	76	386.6
	Apr 2016	1095	18.4	1065.84	8872	-542	417.86	1246.0	419.7	81	383.2
	May 2016	1003	16.3	1060.66	8473	-398	411.34	1307.0	370.1	87	369.0
	Jun 2016	925	15.5	1055.91	8116	-357	405.35	1498.0	337.3	100	364.7
	Jul 2016	879	14.3	1054.60	8019	-97	402.83	1504.0	322.2	100	366.3
	Aug 2016	788	12.8	1055.19	8062	43	402.64	1524.0	285.6	100	362.3
	Sep 2016	729	12.2	1054.13	7984	-78	402.89	1532.0	262.9	100	360.8
WY 2016		9357							3509.8		
	Oct 2016	484	7.9	1055.63	8095	111	409.25	882.0	178.9	62	369.8
	Nov 2016	635	10.7	1055.20	8063	-32	412.13	873.2	235.0	61	370.2
	Dec 2016	559	9.1	1058.92	8341	278	409.88	1164.2	202.8	80	362.7
	Jan 2017	671	10.9	1060.95	8495	154	411.69	1010.6	247.4	69	368.8
	Feb 2017	596	10.7	1062.14	8586	91	411.48	1127.4	218.5	77	366.3
	Mar 2017	999	16.2	1058.03	8275	-312	409.69	1100.0	369.8	76	370.4
	Apr 2017	1062	17.8	1052.43	7859	-416	403.94	1149.5	390.5	81	367.7

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 2015 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 2014	1023	16.6	644.01	1726	24	143.52	255.0	127.7	100	124.9
H	Jun 2014	947	15.9	642.83	1694	-32	141.57	255.0	119.3	100	126.0
I	Jul 2014	900	14.6	643.10	1701	7	143.48	255.0	112.8	100	125.4
S	Aug 2014	697	11.3	643.43	1711	9	143.79	255.0	88.3	100	126.7
T	Sep 2014	727	12.2	641.03	1645	-65	138.41	255.0	91.5	100	126.0
WY 2014		9400							1175.6		
O	Oct 2014	642	10.4	634.40	1470	-175	134.93	191.3	72.3	75	112.7
R	Nov 2014	629	10.6	636.32	1520	50	136.47	158.1	74.4	62	118.2
I	Dec 2014	445	7.2	637.75	1558	37	134.54	165.8	52.7	65	118.4
C	Jan 2015	660	10.7	642.98	1698	141	141.44	163.2	82.8	64	125.4
A	Feb 2015	625	11.3	641.43	1656	-42	140.07	188.7	79.9	74	127.8
L	Mar 2015	963	15.7	642.78	1693	37	139.75	229.5	123.2	90	128.0
*	Apr 2015	1022	17.2	643.88	1723	30	141.00	255.0	129.5	100	126.8
	May 2015	983	16.0	643.00	1699	-24	136.55	252.5	123.2	99	125.4
	Jun 2015	896	15.1	643.00	1699	0	136.04	255.0	112.3	100	125.3
	Jul 2015	860	14.0	641.50	1658	-41	135.25	255.0	107.5	100	124.9
	Aug 2015	763	12.4	641.50	1658	0	134.46	255.0	95.2	100	124.8
	Sep 2015	775	13.0	640.01	1617	-40	133.68	255.0	96.0	100	123.9
WY 2015		9263							1149.0		
	Oct 2015	627	10.2	633.00	1434	-183	129.77	234.6	75.9	92	121.1
	Nov 2015	507	8.5	635.00	1486	51	127.90	209.1	60.6	82	119.4
	Dec 2015	413	6.7	638.71	1583	97	130.45	224.4	50.7	88	122.7
	Jan 2016	598	9.7	641.80	1666	83	135.97	163.2	74.6	64	124.6
	Feb 2016	608	10.6	641.80	1666	0	137.17	173.4	76.4	68	125.7
	Mar 2016	972	15.8	643.05	1700	34	135.44	255.0	121.1	100	124.5
	Apr 2016	1061	17.8	643.00	1699	-2	136.07	255.0	132.1	100	124.5
	May 2016	966	15.7	643.00	1699	0	136.04	255.0	120.8	100	125.1
	Jun 2016	910	15.3	642.00	1671	-27	135.51	255.0	113.5	100	124.7
	Jul 2016	854	13.9	641.50	1658	-14	134.73	255.0	106.4	100	124.5
	Aug 2016	755	12.3	641.50	1658	0	134.46	255.0	94.3	100	124.8
	Sep 2016	745	12.5	640.01	1617	-40	133.68	255.0	92.4	100	124.1
WY 2016		9017							1118.5		
	Oct 2016	653	10.6	633.00	1434	-183	129.77	234.6	79.0	92	120.9
	Nov 2016	563	9.5	635.00	1486	51	127.90	209.1	67.0	82	119.1
	Dec 2016	440	7.2	638.71	1583	97	130.45	224.4	54.0	88	122.6
	Jan 2017	565	9.2	641.80	1666	83	135.97	163.2	70.6	64	124.8
	Feb 2017	574	10.3	641.80	1666	0	137.17	173.4	72.1	68	125.8
	Mar 2017	936	15.2	643.05	1700	34	135.44	255.0	116.7	100	124.7
	Apr 2017	1028	17.3	643.00	1699	-2	136.07	255.0	128.1	100	124.6

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 2015 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 2014	694	11.3	448.48	589	7	80.45	106.8	49.2	89	70.8
H	Jun 2014	713	12.0	447.90	578	-11	81.61	120.0	49.8	100	69.8
I	Jul 2014	688	11.1	448.27	585	7	82.46	120.0	47.9	100	69.7
S	Aug 2014	495	8.1	448.10	582	-3	81.82	120.0	35.2	100	71.2
T	Sep 2014	474	8.0	448.17	583	1	82.36	120.0	33.7	100	70.9
WY 2014		6498							451.6		
O	Oct 2014	432	7.0	446.41	550	-33	80.56	91.2	30.8	76	71.3
R	Nov 2014	351	5.9	447.77	576	25	81.18	96.0	24.4	80	69.4
I	Dec 2014	240	3.9	446.36	549	-26	81.87	120.0	15.5	100	64.8
C	Jan 2015	348	5.6	448.22	584	35	82.97	93.6	24.3	78	69.7
A	Feb 2015	473	8.5	447.38	568	-16	81.70	94.8	33.2	79	70.2
L	Mar 2015	707	11.5	447.89	578	10	79.76	108.0	49.6	90	70.2
*	Apr 2015	752	12.6	448.09	582	4	80.20	120.0	52.5	100	69.8
	May 2015	677	11.0	448.70	593	12	76.06	112.8	45.0	94	66.5
	Jun 2015	707	11.9	448.70	593	0	76.05	120.0	47.1	100	66.6
	Jul 2015	694	11.3	448.00	580	-13	75.71	120.0	45.9	100	66.2
	Aug 2015	591	9.6	447.50	571	-9	75.13	120.0	38.7	100	65.4
	Sep 2015	525	8.8	447.50	570	0	74.89	120.0	34.1	100	65.0
WY 2015		6496							441.1		
	Oct 2015	490	8.0	447.50	571	0	76.04	94.8	32.3	79	65.9
	Nov 2015	378	6.4	447.50	571	0	75.69	102.0	24.5	85	64.8
	Dec 2015	303	4.9	446.50	552	-19	74.40	120.0	19.0	100	62.9
	Jan 2016	354	5.8	446.50	552	0	75.01	96.0	22.7	80	64.0
	Feb 2016	440	7.7	446.50	552	0	75.13	93.6	28.7	78	65.1
	Mar 2016	741	12.0	446.70	555	4	74.01	120.0	48.2	100	65.0
	Apr 2016	783	13.2	448.70	593	38	75.08	120.0	51.7	100	66.0
	May 2016	705	11.5	448.70	593	0	76.05	120.0	46.9	100	66.5
	Jun 2016	695	11.7	448.70	593	0	76.05	120.0	46.3	100	66.5
	Jul 2016	701	11.4	448.00	580	-13	75.71	120.0	46.5	100	66.2
	Aug 2016	599	9.7	447.50	571	-9	75.13	120.0	39.2	100	65.5
	Sep 2016	545	9.2	447.50	570	0	74.89	120.0	35.5	100	65.1
WY 2016		6736							441.3		
	Oct 2016	450	7.3	447.50	571	0	75.69	102.0	29.4	85	65.3
	Nov 2016	372	6.3	447.50	571	0	75.69	102.0	24.1	85	64.7
	Dec 2016	277	4.5	446.50	552	-19	75.20	102.0	17.4	85	63.0
	Jan 2017	348	5.7	446.50	552	0	74.71	102.0	22.2	85	63.7
	Feb 2017	432	7.8	446.50	552	0	73.92	120.0	27.7	100	64.0
	Mar 2017	732	11.9	446.70	555	4	74.01	120.0	47.6	100	65.0
	Apr 2017	774	13.0	448.70	593	38	75.08	120.0	51.0	100	66.0

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 2015 24-Month Study

Most 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
* May 2014	204	20	19	32	17	6
H Jun 2014	260	80	54	103	21	7
I Jul 2014	354	41	35	29	22	8
S Aug 2014	353	48	31	37	21	9
T Sep 2014	266	46	23	29	16	2
Summer 2014	1643	255	169	243	106	37
O Oct 2014	264	36	18	17	14	7
R Nov 2014	281	30	7	7	4	6
I Dec 2014	377	43	15	19	11	6
C Jan 2015	373	48	16	20	10	6
A Feb 2015	254	44	8	10	2	5
L Mar 2015	278	48	7	9	5	6
Winter 2015	1827	250	72	83	46	37
* Apr 2015	256	28	13	17	11	7
May 2015	270	87	18	27	16	8
Jun 2015	310	32	23	30	17	8
Jul 2015	404	33	33	40	19	9
Aug 2015	304	33	34	41	20	6
Sep 2015	269	32	25	31	16	3
Summer 2015	1813	247	146	186	99	41
Oct 2015	180	21	16	20	10	5
Nov 2015	187	17	5	7	4	5
Dec 2015	223	18	17	21	11	5
Jan 2016	295	18	18	23	12	5
Feb 2016	219	17	15	19	10	4
Mar 2016	219	18	12	17	9	4
Winter 2016	1323	109	82	107	56	28
Apr 2016	183	17	12	19	11	6
May 2016	224	38	44	63	23	7
Jun 2016	232	60	17	27	19	8
Jul 2016	315	40	29	36	20	9
Aug 2016	314	40	38	45	23	9
Sep 2016	235	39	36	43	22	6
Summer 2016	1503	235	177	234	118	45
Oct 2016	235	40	23	29	15	6
Nov 2016	234	39	14	18	9	6
Dec 2016	311	40	25	30	15	6
Jan 2017	309	40	21	27	14	6
Feb 2017	249	36	14	19	10	5
Mar 2017	249	40	12	17	9	5
Winter 2017	1338	195	98	123	63	28
Apr 2017	230	39	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 2015 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 2015	696	232	526	13485	14938	17446	32385	38	125	85	247	13485	17446	31179	1500	996	0	28.4	
Jun 2015	753	144	508	13299	14704	17747	32451	92	25	30	146	13299	17747	31193	1500	939	0	28.4	
Jul 2015	665	70	532	13282	14549	17933	32482	-9	-53	3	-60	13282	17933	31155	1500	858	0	27.8	
**** PREDICTED SPACE ****								**** CREDITABLE SPACE ****											
Aug 2015	690	115	586	13832	15222	17780	33003	690	115	586	1390	13832	17780	33003	1500	796	0	27.2	
Sep 2015	747	172	626	14212	15757	17750	33507	747	172	626	1545	14212	17750	33507	2270	759	0	26.7	
Oct 2015	804	216	638	14542	16200	17758	33957	804	216	638	1658	14542	17758	33957	3040	457	0	26.5	
Nov 2015	820	232	631	14624	16307	17738	34044	820	232	631	1683	14624	17738	34044	3810	579	0	26.3	
Dec 2015	825	218	629	14742	16415	17815	34230	825	218	629	1673	14742	17815	34230	4580	532	0	26.3	
Jan 2016	842	248	631	14943	16664	17701	34366	842	248	631	1721	14943	17701	34366	5350	704	0	26.1	
**** PREDICTED SPACE ****								**** EFFECTIVE SPACE ****											
Jan 2016	842	248	631	14943	16664	17701	34366	598	248	544	1390	14943	17701	34034	5350	704	0	26.1	
Feb 2016	854	283	635	15313	17086	17580	34665	607	283	547	1437	15313	17580	34330	1500	631	0	25.9	
Mar 2016	859	310	629	15492	17290	17569	34860	608	310	540	1459	15492	17569	34520	1500	1034	0	25.6	
Apr 2016	811	316	573	15544	17245	17963	35207	555	316	478	1349	15544	17963	34856	1500	1095	0	25.5	
May 2016	734	284	480	15267	16765	18505	35271	469	284	363	1116	15267	18505	34888	1500	1003	0	26.7	
Jun 2016	604	230	340	14042	15216	18904	34120	327	228	185	740	14042	18904	33686	1500	925	0	28.2	
Jul 2016	395	51	247	12677	13370	19261	32630	101	23	39	163	12677	19261	32101	1500	879	0	28.3	
**** PREDICTED SPACE ****								**** CREDITABLE SPACE ****											
Aug 2016	311	27	265	12545	13148	19358	32506	311	27	265	603	12545	19358	32506	1500	788	0	28.0	
Sep 2016	346	75	298	12752	13471	19315	32786	346	75	298	720	12752	19315	32786	2270	729	0	27.6	
Oct 2016	408	143	317	12827	13696	19393	33089	408	143	317	869	12827	19393	33089	3040	484	0	27.4	
Nov 2016	466	177	303	12869	13816	19282	33097	466	177	303	946	12869	19282	33097	3810	635	0	27.3	
Dec 2016	523	193	299	12961	13976	19314	33290	523	193	299	1015	12961	19314	33290	4580	559	0	27.2	
Jan 2017	599	248	301	13271	14418	19036	33454	599	248	301	1148	13271	19036	33454	5350	671	0	27.0	
**** PREDICTED SPACE ****								**** EFFECTIVE SPACE ****											
Jan 2017	599	248	301	13271	14418	19036	33454	296	248	182	726	13271	19036	33033	5350	671	0	27.0	
Feb 2017	669	295	305	13575	14844	18882	33726	365	295	185	846	13575	18882	33302	1500	596	0	26.8	
Mar 2017	724	321	299	13755	15099	18791	33890	419	321	178	918	13755	18791	33463	1500	999	0	26.6	
Apr 2017	735	327	244	13799	15104	19102	34207	426	327	116	869	13799	19102	33770	1500	1062	0	26.6	

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