

To: All Annual Operating Plan Recipients

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In addition to the August 2017 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. 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 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:
<https://www.usbr.gov/lc/region/g4000/24mo/2017/August-Chart.pdf>.

The water year 2018 unregulated inflow into Lake Powell under the August Probable Minimum inflow scenario is 6.00 maf, or 55 percent of average. Consistent with the Interim Guidelines, the August Probable Minimum 24-Month Study results in a projected annual release volume from Glen Canyon Dam of 9.00 maf in water years 2017 and 2018. With intervening flows between Lake Powell and Lake Mead of 0.68 maf in water year 2018, Lake Mead's elevation is projected to be 1,073.47 feet on September 30, 2018.

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

The August 2017 Most Probable 24-Month Study is available for download at <https://www.usbr.gov/lc/region/g4000/24mo/2017/AUG17.pdf>.

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2017 24-Month Study

Minimum Probable Inflow*

Fontenelle Reservoir



	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2016	29	2	65	0	65	6495.03	262
H	Sep 2016	26	2	36	21	58	6490.22	229
	WY 2016	943	15	739	213	952		
I	Oct 2016	57	1	0	57	57	6490.08	228
S	Nov 2016	62	1	0	59	59	6490.44	230
T	Dec 2016	37	1	0	63	63	6486.33	203
O	Jan 2017	45	1	0	63	63	6483.20	184
R	Feb 2017	51	1	0	57	57	6482.06	178
I	Mar 2017	180	1	0	150	150	6486.90	207
C	Apr 2017	225	1	0	304	304	6472.17	128
A	May 2017	430	1	54	373	427	6472.55	129
L	Jun 2017	732	2	74	469	543	6502.49	317
*	Jul 2017	332	3	88	230	319	6503.83	328
	Aug 2017	125	2	105	95	200	6493.37	251
	Sep 2017	106	2	82	0	82	6496.58	274
	WY 2017	2382	15	403	1920	2323		
	Oct 2017	44	1	71	0	71	6492.68	246
	Nov 2017	46	1	68	0	68	6489.22	223
	Dec 2017	41	1	71	0	71	6484.49	193
	Jan 2018	37	1	71	0	71	6478.33	158
	Feb 2018	34	0	64	0	64	6471.97	128
	Mar 2018	61	0	75	0	75	6468.55	113
	Apr 2018	81	1	50	0	50	6475.40	144
	May 2018	107	1	50	0	50	6485.45	199
	Jun 2018	172	2	50	0	50	6502.57	319
	Jul 2018	74	3	50	0	50	6505.25	340
	Aug 2018	38	2	55	0	55	6502.83	321
	Sep 2018	35	2	65	0	65	6498.69	289
	WY 2018	770	15	739	0	739		
	Oct 2018	37	1	61	0	61	6495.20	264
	Nov 2018	39	1	65	0	65	6491.36	237
	Dec 2018	30	1	61	0	61	6486.49	205
	Jan 2019	28	1	61	0	61	6480.85	172
	Feb 2019	26	1	60	0	60	6474.09	137
	Mar 2019	47	0	70	0	70	6468.85	114
	Apr 2019	65	1	55	0	55	6471.07	124
	May 2019	116	1	55	0	55	6483.01	184
	Jun 2019	180	2	55	0	55	6501.00	307
	Jul 2019	99	3	61	0	61	6505.42	341

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2017 24-Month Study

Minimum Probable Inflow*

Flaming Gorge Reservoir



	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Aug 2016	28	64	13	110	0	110	131	6027.55	3255	133
H	Sep 2016	36	67	11	107	0	107	129	6026.27	3207	128
	WY 2016	1427	1437	80	1406	203	1609				3435
I	Oct 2016	70	70	7	85	0	85	128	6025.69	3186	119
S	Nov 2016	73	70	4	77	0	77	128	6025.41	3175	112
T	Dec 2016	35	61	2	106	0	106	126	6024.19	3130	136
O	Jan 2017	49	67	2	110	0	110	124	6023.01	3087	155
R	Feb 2017	106	112	2	109	0	109	124	6023.03	3088	189
I	Mar 2017	400	370	3	256	26	282	128	6025.25	3169	408
C	Apr 2017	350	428	5	268	244	511	124	6022.93	3084	745
A	May 2017	582	580	8	278	171	449	129	6026.15	3203	857
L	Jun 2017	895	705	11	263	223	486	137	6031.41	3404	859
*	Jul 2017	387	374	14	180	48	228	142	6034.61	3531	314
	Aug 2017	145	220	13	142	0	142	144	6036.15	3593	162
	Sep 2017	112	87	12	143	0	143	142	6034.55	3528	155
	WY 2017	3203	3144	81	2017	712	2729				4213
	Oct 2017	55	82	8	148	0	148	139	6032.77	3457	172
	Nov 2017	63	85	4	143	0	143	137	6031.26	3398	167
	Dec 2017	47	77	2	169	0	169	133	6028.94	3308	191
	Jan 2018	58	92	2	172	0	172	130	6026.86	3229	195
	Feb 2018	66	96	2	156	0	156	128	6025.28	3170	177
	Mar 2018	145	159	3	104	0	104	130	6026.61	3220	160
	Apr 2018	142	111	5	100	0	100	130	6026.78	3227	229
	May 2018	177	120	8	167	0	167	128	6025.37	3174	463
	Jun 2018	218	96	10	155	0	155	125	6023.55	3107	288
	Jul 2018	77	54	13	55	0	55	125	6023.17	3093	58
	Aug 2018	33	50	12	55	0	55	124	6022.71	3076	59
	Sep 2018	39	68	11	54	0	54	124	6022.81	3080	57
	WY 2018	1120	1089	78	1477	0	1477				2217
	Oct 2018	43	67	7	55	0	55	124	6022.95	3085	70
	Nov 2018	44	70	3	54	0	54	125	6023.30	3098	77
	Dec 2018	28	59	2	55	0	55	125	6023.35	3100	80
	Jan 2019	35	68	2	55	0	55	125	6023.63	3110	80
	Feb 2019	39	73	2	50	0	50	126	6024.17	3130	73
	Mar 2019	86	108	3	55	0	55	128	6025.48	3178	122
	Apr 2019	97	87	5	54	0	54	129	6026.21	3205	218
	May 2019	163	102	8	124	0	124	128	6025.46	3177	526
	Jun 2019	217	92	10	118	0	118	126	6024.52	3142	386
	Jul 2019	106	69	13	49	0	49	127	6024.70	3149	82

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2017 24-Month Study

Minimum Probable Inflow*

Taylor Park Reservoir



	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2016	9	16	9315.75	79
H	Sep 2016	6	14	9310.77	71
	WY 2016	125	125		
I	Oct 2016	5	6	9310.23	70
S	Nov 2016	4	5	9309.76	70
T	Dec 2016	5	5	9309.56	69
O	Jan 2017	6	5	9309.76	70
R	Feb 2017	4	5	9309.43	69
I	Mar 2017	6	6	9309.23	69
C	Apr 2017	13	9	9312.04	73
A	May 2017	30	19	9318.55	84
L	Jun 2017	62	45	9327.76	102
*	Jul 2017	24	26	9326.95	100
	Aug 2017	12	23	9321.18	89
	Sep 2017	12	18	9318.05	83
	WY 2017	183	171		
	Oct 2017	6	8	9316.91	81
	Nov 2017	5	5	9316.64	81
	Dec 2017	4	5	9316.19	80
	Jan 2018	4	4	9316.20	80
	Feb 2018	4	4	9316.21	80
	Mar 2018	5	4	9316.59	81
	Apr 2018	8	4	9318.58	84
	May 2018	22	14	9322.98	92
	Jun 2018	25	18	9326.74	100
	Jul 2018	10	20	9321.31	89
	Aug 2018	7	20	9314.01	76
	Sep 2018	6	16	9307.87	67
	WY 2018	105	122		
	Oct 2018	6	8	9306.35	64
	Nov 2018	5	6	9305.38	63
	Dec 2018	4	6	9304.05	61
	Jan 2019	4	6	9302.72	59
	Feb 2019	4	6	9301.02	57
	Mar 2019	4	6	9299.66	55
	Apr 2019	8	6	9300.90	56
	May 2019	23	16	9305.98	64
	Jun 2019	31	16	9315.06	78
	Jul 2019	11	18	9310.70	71

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2017 24-Month Study

Minimum Probable Inflow*

Blue Mesa Reservoir



	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2016	57	65	1	110	0	110	7506.94	720
H	Sep 2016	38	46	1	100	0	100	7500.48	665
	WY 2016	881	882	9	913	19	934		
I	Oct 2016	32	33	1	90	0	90	7493.44	608
S	Nov 2016	26	27	0	33	0	33	7492.53	601
T	Dec 2016	26	26	0	35	0	35	7491.43	593
O	Jan 2017	29	28	0	34	0	34	7490.68	587
R	Feb 2017	28	29	0	44	1	44	7488.71	571
I	Mar 2017	70	70	0	69	0	70	7488.71	571
C	Apr 2017	145	140	1	53	0	53	7499.55	658
A	May 2017	244	233	1	151	65	293	7491.98	597
L	Jun 2017	392	373	1	139	35	175	7515.35	793
*	Jul 2017	135	137	2	113	0	110	7518.20	819
	Aug 2017	72	83	1	111	0	111	7515.02	790
	Sep 2017	64	70	1	110	0	110	7510.31	749
	WY 2017	1262	1250	9	982	101	1158		
	Oct 2017	32	34	1	84	0	84	7504.38	698
	Nov 2017	32	32	0	79	0	79	7498.78	651
	Dec 2017	27	28	0	115	0	115	7487.71	564
	Jan 2018	27	27	0	69	0	69	7482.13	522
	Feb 2018	25	25	0	38	0	38	7480.31	508
	Mar 2018	36	35	0	41	0	41	7479.42	502
	Apr 2018	57	54	1	57	0	57	7478.82	497
	May 2018	135	127	1	124	0	124	7479.07	499
	Jun 2018	132	124	1	72	0	72	7485.93	550
	Jul 2018	49	59	1	77	0	77	7483.44	531
	Aug 2018	37	50	1	76	0	76	7479.76	504
	Sep 2018	26	36	1	65	0	65	7475.60	474
	WY 2018	615	632	8	898	0	898		
	Oct 2018	30	33	0	40	0	40	7474.51	467
	Nov 2018	28	30	0	13	0	13	7476.85	483
	Dec 2018	25	27	0	25	0	25	7477.15	485
	Jan 2019	24	26	0	25	0	25	7477.28	486
	Feb 2019	22	24	0	22	0	22	7477.60	489
	Mar 2019	34	36	0	27	0	27	7478.85	498
	Apr 2019	63	62	1	40	0	40	7481.67	518
	May 2019	156	148	1	162	0	162	7479.72	504
	Jun 2019	177	163	1	57	0	57	7493.38	608
	Jul 2019	62	69	1	75	0	75	7492.46	601

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2017 24-Month Study

Minimum Probable Inflow*

Morrow Point Reservoir



	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2016	58	110	1	111	111	0	111	7153.88	112
H	Sep 2016	39	100	1	100	103	0	103	7150.03	109
	WY 2016	931	934	49	983	972	5	978		
I	Oct 2016	33	90	1	91	93	0	93	7146.55	106
S	Nov 2016	28	33	2	36	32	0	35	7147.39	107
T	Dec 2016	27	35	1	36	34	0	34	7150.44	109
O	Jan 2017	30	34	2	36	33	0	33	7153.75	112
R	Feb 2017	29	44	1	45	55	0	55	7140.48	102
I	Mar 2017	74	70	5	74	64	0	68	7148.96	108
C	Apr 2017	157	53	12	66	65	0	65	7149.64	109
A	May 2017	263	293	19	312	203	0	312	7149.70	109
L	Jun 2017	411	175	19	195	184	0	193	7151.34	110
*	Jul 2017	139	110	4	114	37	0	111	7155.13	113
	Aug 2017	77	111	5	116	117	0	117	7153.73	112
	Sep 2017	67	110	3	113	113	0	113	7153.73	112
	WY 2017	1336	1158	74	1232	1031	0	1228		
	Oct 2017	34	84	2	87	87	0	87	7153.73	112
	Nov 2017	34	79	2	80	80	0	80	7153.73	112
	Dec 2017	29	115	2	117	117	0	117	7153.73	112
	Jan 2018	29	69	2	71	71	0	71	7153.73	112
	Feb 2018	27	38	2	40	40	0	40	7153.73	112
	Mar 2018	39	41	3	45	45	0	45	7153.73	112
	Apr 2018	66	57	9	66	66	0	66	7153.73	112
	May 2018	149	124	14	138	138	0	138	7153.73	112
	Jun 2018	135	72	3	76	76	0	76	7153.73	112
	Jul 2018	52	77	3	79	79	0	79	7153.73	112
	Aug 2018	38	76	1	78	78	0	78	7153.73	112
	Sep 2018	28	65	2	67	67	0	67	7153.73	112
	WY 2018	660	898	45	943	943	0	943		
	Oct 2018	32	40	2	42	42	0	42	7153.73	112
	Nov 2018	30	13	2	15	15	0	15	7153.73	112
	Dec 2018	27	25	2	26	26	0	26	7153.73	112
	Jan 2019	26	25	2	27	27	0	27	7153.73	112
	Feb 2019	24	22	2	24	24	0	24	7153.73	112
	Mar 2019	38	27	4	30	30	0	30	7153.73	112
	Apr 2019	72	40	9	49	49	0	49	7153.73	112
	May 2019	171	162	16	177	177	0	177	7153.73	112
	Jun 2019	187	57	10	68	68	0	68	7153.73	112
	Jul 2019	64	75	2	77	77	0	77	7153.73	112

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2017 24-Month Study

Minimum Probable Inflow*

Crystal Reservoir



	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Aug 2016	62	111	4	114	114	0	114	6749.30	16	62	53
H	Sep 2016	42	103	3	106	106	1	107	6747.05	15	59	47
	WY 2016	1038	978	107	1085	811	243	1084			384	724
I	Oct 2016	37	93	4	97	97	0	97	6747.92	15	57	39
S	Nov 2016	31	35	3	38	37	0	37	6750.47	16	1	36
T	Dec 2016	31	34	4	38	36	1	37	6751.45	17	0	37
O	Jan 2017	35	33	4	37	36	2	37	6750.29	16	1	37
R	Feb 2017	34	55	4	59	56	4	60	6749.56	16	0	60
I	Mar 2017	81	68	6	74	0	73	73	6752.06	17	8	66
C	Apr 2017	167	65	10	75	31	44	75	6751.65	17	39	38
A	May 2017	285	312	22	334	86	73	331	6759.83	19	62	271
L	Jun 2017	446	193	36	229	44	127	231	6751.78	17	61	172
*	Jul 2017	148	111	8	119	96	25	121	6746.24	15	63	60
	Aug 2017	82	117	5	122	120	0	120	6753.04	17	65	55
	Sep 2017	70	113	3	116	116	0	116	6753.04	17	55	61
	WY 2017	1446	1228	109	1338	753	349	1336			412	931
	Oct 2017	38	87	4	90	90	0	90	6753.04	17	30	60
	Nov 2017	36	80	3	83	83	0	83	6753.04	17	0	83
	Dec 2017	32	117	3	120	120	0	120	6753.04	17	0	120
	Jan 2018	31	71	3	73	73	0	73	6753.04	17	0	73
	Feb 2018	29	40	2	43	43	0	43	6753.04	17	0	43
	Mar 2018	43	45	3	48	48	0	48	6753.04	17	5	43
	Apr 2018	71	66	5	71	71	0	71	6753.04	17	30	41
	May 2018	158	138	9	147	134	13	147	6753.04	17	55	92
	Jun 2018	135	76	0	76	76	0	76	6753.04	17	60	16
	Jul 2018	53	79	2	81	81	0	81	6753.04	17	65	16
	Aug 2018	42	78	4	81	81	0	81	6753.04	17	65	16
	Sep 2018	31	67	3	70	70	0	70	6753.04	17	55	15
	WY 2018	700	943	40	983	970	13	983			365	618
	Oct 2018	37	42	4	46	46	0	46	6753.04	17	30	16
	Nov 2018	34	15	4	18	18	0	18	6753.04	17	0	18
	Dec 2018	31	26	4	31	31	0	31	6753.04	17	0	31
	Jan 2019	30	27	4	31	31	0	31	6753.04	17	0	31
	Feb 2019	28	24	4	28	28	0	28	6753.04	17	0	28
	Mar 2019	43	30	6	36	36	0	36	6753.04	17	5	31
	Apr 2019	83	49	10	60	60	0	60	6753.04	17	30	30
	May 2019	193	177	21	199	134	64	199	6753.04	17	55	144
	Jun 2019	206	68	19	86	86	0	86	6753.04	17	60	26
	Jul 2019	70	77	6	83	83	0	83	6753.04	17	65	18

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2017 24-Month Study

Minimum Probable Inflow*

Vallecito Reservoir



	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2016	15	33	7648.82	84
H	Sep 2016	14	27	7643.21	71
	WY 2016	269	270		
I	Oct 2016	11	8	7644.63	74
S	Nov 2016	6	2	7646.51	79
T	Dec 2016	6	2	7647.98	82
O	Jan 2017	7	5	7648.89	84
R	Feb 2017	7	15	7645.42	76
I	Mar 2017	24	24	7645.75	77
C	Apr 2017	45	35	7649.82	87
A	May 2017	67	44	7658.86	109
L	Jun 2017	72	57	7664.54	124
*	Jul 2017	30	39	7660.94	115
	Aug 2017	23	37	7655.23	100
	Sep 2017	18	30	7650.38	88
	WY 2017	317	297		
	Oct 2017	9	17	7646.69	79
	Nov 2017	6	2	7648.39	83
	Dec 2017	5	2	7649.73	86
	Jan 2018	5	2	7650.95	89
	Feb 2018	4	2	7651.94	92
	Mar 2018	5	2	7653.33	95
	Apr 2018	15	2	7658.34	108
	May 2018	49	31	7664.99	125
	Jun 2018	29	43	7659.65	111
	Jul 2018	11	42	7647.02	80
	Aug 2018	11	38	7634.53	53
	Sep 2018	10	30	7623.27	34
	WY 2018	160	211		
	Oct 2018	9	17	7616.96	25
	Nov 2018	7	2	7620.92	30
	Dec 2018	6	2	7624.05	35
	Jan 2019	6	2	7626.42	39
	Feb 2019	5	2	7628.35	42
	Mar 2019	8	2	7631.50	47
	Apr 2019	19	2	7639.84	64
	May 2019	62	31	7653.05	94
	Jun 2019	49	43	7655.48	100
	Jul 2019	18	42	7645.45	76

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2017 24-Month Study

Minimum Probable Inflow*

Navajo Reservoir



	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Aug 2016	30	4	45	4	33	35	6059.16	1337	56
H	Sep 2016	21	1	33	3	27	30	6056.98	1310	41
	WY 2016	863	96	769	29	169	653			1077
I	Oct 2016	27	0	24	2	5	27	6056.19	1300	46
S	Nov 2016	24	0	19	1	0	22	6055.87	1296	43
T	Dec 2016	25	0	22	1	0	20	6055.92	1297	40
O	Jan 2017	34	0	31	1	0	22	6056.65	1306	39
R	Feb 2017	55	1	62	1	1	27	6059.31	1339	48
I	Mar 2017	176	17	159	2	6	30	6068.54	1460	89
C	Apr 2017	235	33	192	3	19	33	6078.18	1598	137
A	May 2017	262	45	195	4	25	228	6073.94	1536	315
L	Jun 2017	230	46	166	5	40	259	6063.90	1398	458
*	Jul 2017	49	11	47	4	43	38	6061.00	1361	93
	Aug 2017	37	0	51	4	39	46	6058.06	1323	81
	Sep 2017	40	0	51	3	22	43	6056.73	1307	72
	WY 2017	1194	154	1020	28	201	794			1460
	Oct 2017	16	1	23	2	8	31	6055.25	1289	57
	Nov 2017	27	0	23	1	1	21	6055.29	1289	35
	Dec 2017	22	0	18	1	1	23	6054.80	1283	35
	Jan 2018	23	0	20	1	0	26	6054.28	1277	37
	Feb 2018	26	0	23	1	0	20	6054.43	1278	31
	Mar 2018	58	1	53	2	5	22	6056.44	1303	34
	Apr 2018	99	11	75	2	21	21	6058.94	1334	51
	May 2018	174	24	132	4	35	22	6064.47	1406	110
	Jun 2018	73	17	69	4	51	21	6063.93	1399	90
	Jul 2018	1	2	30	4	56	24	6059.77	1345	44
	Aug 2018	10	0	36	4	47	35	6055.84	1296	53
	Sep 2018	11	0	30	3	26	37	6052.92	1260	54
	WY 2018	540	57	533	27	251	302			632
	Oct 2018	17	1	24	2	10	26	6051.85	1247	41
	Nov 2018	21	1	15	1	0	21	6051.24	1240	36
	Dec 2018	22	0	17	1	0	22	6050.79	1235	38
	Jan 2019	21	0	17	1	0	24	6050.17	1228	39
	Feb 2019	27	0	23	1	0	20	6050.41	1230	32
	Mar 2019	80	2	72	2	5	22	6054.06	1274	41
	Apr 2019	120	15	88	2	21	21	6057.57	1317	62
	May 2019	221	37	153	4	36	22	6064.79	1410	145
	Jun 2019	142	31	104	4	52	21	6066.80	1437	136
	Jul 2019	23	6	41	5	57	28	6063.11	1388	69

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2017 24-Month Study

Minimum Probable Inflow*

Lake Powell



	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Aug 2016	253	432	56	900	0	900	3613.55	5101	13091	914
H	Sep 2016	281	461	50	699	0	699	3610.93	5080	12824	712
	WY 2016	9616	9909	378	9000	0	9000				9117
I	Oct 2016	381	477	35	601	0	601	3609.48	5068	12678	610
S	Nov 2016	383	389	33	624	126	750	3605.81	5039	12313	754
T	Dec 2016	300	366	26	898	0	898	3600.49	4997	11797	913
O	Jan 2017	359	415	8	880	0	880	3595.86	4962	11359	900
R	Feb 2017	555	565	8	711	0	711	3594.33	4951	11217	720
I	Mar 2017	1112	895	14	722	0	722	3595.91	4963	11364	730
C	Apr 2017	1608	1494	23	623	0	623	3604.14	5026	12149	629
A	May 2017	2377	2321	29	652	0	652	3619.09	5147	13667	658
L	Jun 2017	3115	2680	51	749	0	749	3634.89	5286	15408	763
*	Jul 2017	1073	889	64	850	0	850	3634.69	5284	15385	875
	Aug 2017	550	633	63	900	0	900	3632.01	5260	15079	914
	Sep 2017	371	474	57	663	0	663	3629.98	5242	14851	672
	WY 2017	12185	11598	409	8874	126	9000				9137
	Oct 2017	314	483	39	630	0	630	3628.44	5228	14679	636
	Nov 2017	450	571	38	630	0	630	3627.63	5221	14590	636
	Dec 2017	354	566	30	740	0	740	3625.92	5206	14401	746
	Jan 2018	350	510	9	860	0	860	3622.85	5179	14067	867
	Feb 2018	386	483	10	750	0	750	3620.46	5159	13812	758
	Mar 2018	586	521	16	800	0	800	3617.86	5137	13538	804
	Apr 2018	702	613	26	700	0	700	3616.86	5128	13433	703
	May 2018	1223	1110	31	700	0	700	3620.20	5156	13784	702
	Jun 2018	1146	1040	48	760	0	760	3622.21	5174	13999	761
	Jul 2018	118	203	57	860	0	860	3615.95	5121	13338	869
	Aug 2018	91	224	55	900	0	900	3609.32	5067	12662	916
	Sep 2018	280	386	49	670	0	670	3606.21	5042	12353	681
	WY 2018	6000	6711	408	9000	0	9000				9079
	Oct 2018	343	384	33	640	0	640	3603.48	5021	12085	647
	Nov 2018	415	411	32	640	0	640	3600.98	5001	11844	646
	Dec 2018	330	357	25	720	0	720	3597.20	4972	11485	726
	Jan 2019	329	353	7	860	0	860	3592.07	4934	11009	867
	Feb 2019	372	376	8	750	0	750	3588.16	4906	10655	759
	Mar 2019	585	496	13	800	0	800	3584.86	4883	10362	804
	Apr 2019	747	618	20	710	0	710	3583.67	4874	10258	714
	May 2019	1625	1464	25	710	0	710	3591.24	4928	10933	712
	Jun 2019	1654	1398	40	750	0	750	3597.31	4973	11496	751
	Jul 2019	404	428	48	850	0	850	3592.62	4938	11060	859

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2017 24-Month Study

Minimum Probable Inflow*

Hoover Dam - Lake Mead



	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Aug 2016	900	107	69	701	11.4	28	700	625	1075.17	9615
H	Sep 2016	699	88	57	702	11.8	22	701	625	1075.23	9620
	WY 2016	9000	798	531	9293		224	9282			
I	Oct 2016	601	78	42	518	8.4	23	517	631	1076.34	9710
S	Nov 2016	750	77	42	751	12.6	16	750	632	1076.55	9727
T	Dec 2016	898	63	36	542	8.8	8	536	655	1080.82	10079
O	Jan 2017	880	128	30	500	8.1	7	494	684	1086.08	10521
R	Feb 2017	711	150	28	488	8.8	7	487	704	1089.78	10838
I	Mar 2017	722	97	32	911	14.8	16	910	696	1088.26	10707
C	Apr 2017	623	92	39	961	16.1	20	960	677	1084.89	10420
A	May 2017	652	39	44	917	14.9	29	915	659	1081.56	10141
L	Jun 2017	749	18	53	864	14.5	30	864	648	1079.52	9971
*	Jul 2017	850	88	66	885	14.4	30	885	646	1079.03	9931
	Aug 2017	900	127	71	653	10.6	31	653	662	1082.11	10187
	Sep 2017	663	110	59	649	10.9	28	649	665	1082.55	10224
	WY 2017	9000	1068	541	8638		245	8619			
	Oct 2017	630	55	43	696	11.3	23	696	660	1081.69	10151
	Nov 2017	630	53	43	646	10.9	15	646	659	1081.45	10132
	Dec 2017	740	53	37	592	9.6	11	592	668	1083.17	10276
	Jan 2018	860	61	30	729	11.9	10	729	677	1084.85	10417
	Feb 2018	750	67	28	625	11.3	12	625	686	1086.54	10560
	Mar 2018	800	37	31	1053	17.1	20	1053	670	1083.58	10309
	Apr 2018	700	26	38	1109	18.6	27	1109	643	1078.52	9889
	May 2018	700	18	43	983	16.0	32	983	622	1074.61	9569
	Jun 2018	760	4	52	882	14.8	33	882	610	1072.25	9379
	Jul 2018	860	75	64	844	13.7	36	844	609	1072.14	9370
	Aug 2018	900	136	68	787	12.8	34	787	618	1073.85	9508
	Sep 2018	670	98	56	714	12.0	31	714	616	1073.47	9477
	WY 2018	9000	682	534	9661		282	9661			
	Oct 2018	640	62	41	506	8.2	26	506	624	1074.97	9598
	Nov 2018	640	51	41	649	10.9	18	649	623	1074.77	9582
	Dec 2018	720	49	36	604	9.8	14	604	630	1076.11	9691
	Jan 2019	860	63	29	721	11.7	10	721	640	1077.98	9844
	Feb 2019	750	79	27	654	11.8	12	654	648	1079.52	9972
	Mar 2019	800	36	30	1046	17.0	20	1046	632	1076.55	9727
	Apr 2019	710	30	37	1101	18.5	27	1101	606	1071.61	9328
	May 2019	710	18	42	977	15.9	32	977	587	1067.78	9024
	Jun 2019	750	8	50	877	14.7	33	877	574	1065.36	8835
	Jul 2019	850	80	62	839	13.6	36	839	574	1065.29	8829

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2017 24-Month Study

Minimum Probable Inflow*

Davis Dam - Lake Mohave



	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Aug 2016	701	-12	23	714	0	714	11.6	642.00	1671
H	Sep 2016	702	-18	18	711	0	711	11.9	640.34	1627
	WY 2016	9293	-195	198	8879	0	8879			
I	Oct 2016	518	-7	15	640	0	640	10.4	634.86	1482
S	Nov 2016	751	-29	11	574	0	574	9.6	640.09	1620
T	Dec 2016	542	-17	9	482	0	482	7.8	641.31	1653
O	Jan 2017	500	-23	10	408	0	408	6.6	643.47	1712
R	Feb 2017	488	-13	10	486	0	486	8.7	642.70	1690
I	Mar 2017	911	-27	13	844	0	844	13.7	643.70	1718
C	Apr 2017	961	-23	17	955	0	955	16.1	642.45	1684
A	May 2017	917	-13	22	846	0	846	13.8	643.74	1719
L	Jun 2017	864	-6	25	853	0	853	14.3	643.01	1699
*	Jul 2017	885	-5	26	809	0	809	13.2	644.65	1744
	Aug 2017	653	-12	23	676	0	676	11.0	642.50	1685
	Sep 2017	649	-11	18	700	0	700	11.8	639.51	1604
	WY 2017	8638	-188	199	8274	0	8274			
	Oct 2017	696	-4	15	744	0	744	12.1	637.00	1538
	Nov 2017	646	-11	10	625	0	625	10.5	637.00	1538
	Dec 2017	592	-10	9	528	0	528	8.6	638.71	1583
	Jan 2018	729	-19	10	617	0	617	10.0	641.80	1666
	Feb 2018	625	-16	10	600	0	600	10.8	641.80	1666
	Mar 2018	1053	-16	13	989	0	989	16.1	643.05	1700
	Apr 2018	1109	-20	17	1073	0	1073	18.0	643.00	1699
	May 2018	983	-13	22	948	0	948	15.4	643.00	1699
	Jun 2018	882	-18	25	867	0	867	14.6	642.00	1671
	Jul 2018	844	-16	25	817	0	817	13.3	641.50	1658
	Aug 2018	787	-12	23	752	0	752	12.2	641.50	1658
	Sep 2018	714	-11	18	725	0	725	12.2	640.01	1617
	WY 2018	9661	-166	197	9284	0	9284			
	Oct 2018	506	-4	15	670	0	670	10.9	633.00	1434
	Nov 2018	649	-11	10	576	0	576	9.7	635.00	1486
	Dec 2018	604	-10	9	488	0	488	7.9	638.71	1583
	Jan 2019	721	-19	10	609	0	609	9.9	641.80	1666
	Feb 2019	654	-16	10	629	0	629	11.3	641.80	1666
	Mar 2019	1046	-16	13	982	0	982	16.0	643.05	1700
	Apr 2019	1101	-20	17	1066	0	1066	17.9	643.00	1699
	May 2019	977	-13	22	943	0	943	15.3	643.00	1699
	Jun 2019	877	-18	25	861	0	861	14.5	642.00	1671
	Jul 2019	839	-16	25	811	0	811	13.2	641.50	1658

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2017 24-Month Study

Minimum 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)
*	Aug 2016	714	23	17	570	9.3	85	65	448.50	590	99	1.6
H	Sep 2016	711	14	15	490	8.2	89	134	447.97	579	92	1.5
	WY 2016	8879	225	140	6360		1057	1467			1496	
I	Oct 2016	640	36	12	466	7.6	80	133	446.90	559	61	1.0
S	Nov 2016	574	21	9	374	6.3	78	140	446.33	549	97	1.6
T	Dec 2016	482	26	7	271	4.4	86	118	447.64	573	112	1.8
O	Jan 2017	408	33	6	244	4.0	68	126	447.29	567	126	2.1
R	Feb 2017	486	15	8	393	7.1	13	62	448.30	586	160	2.9
I	Mar 2017	844	11	9	687	11.2	24	136	447.83	577	203	3.3
C	Apr 2017	955	13	11	729	12.3	42	160	448.73	594	181	3.0
A	May 2017	846	22	13	634	10.3	44	175	448.31	586	111	1.8
L	Jun 2017	853	1	15	689	11.6	58	79	448.41	588	126	2.1
*	Jul 2017	809	18	17	666	10.8	58	71	448.63	592	131	2.1
	Aug 2017	676	25	17	547	8.9	57	72	448.50	590	100	1.6
	Sep 2017	700	20	15	524	8.8	55	136	447.50	571	89	1.5
	WY 2017	8274	241	140	6224		663	1409			1497	
	Oct 2017	744	28	12	496	8.1	112	144	447.50	571	69	1.1
	Nov 2017	625	19	9	410	6.9	110	109	447.50	571	102	1.7
	Dec 2017	528	19	7	333	5.4	112	109	446.50	552	109	1.8
	Jan 2018	617	17	6	361	5.9	107	157	446.50	552	138	2.2
	Feb 2018	600	10	8	482	8.7	41	73	446.50	552	160	2.9
	Mar 2018	989	7	9	717	11.7	107	152	446.70	555	198	3.2
	Apr 2018	1073	19	11	745	12.5	104	183	448.70	593	175	2.9
	May 2018	948	15	13	643	10.5	107	188	448.70	593	104	1.7
	Jun 2018	867	15	16	676	11.4	104	73	448.70	593	105	1.8
	Jul 2018	817	26	17	646	10.5	107	73	448.00	580	111	1.8
	Aug 2018	752	25	17	579	9.4	106	73	447.50	571	100	1.6
	Sep 2018	725	20	15	515	8.7	49	157	447.50	570	89	1.5
	WY 2018	9284	220	139	6604		1165	1491			1461	
	Oct 2018	670	28	12	489	8.0	42	146	447.50	571	74	1.2
	Nov 2018	576	19	9	392	6.6	42	146	447.50	571	116	1.9
	Dec 2018	488	19	7	325	5.3	42	146	446.50	552	131	2.1
	Jan 2019	609	17	6	359	5.8	99	157	446.50	552	138	2.2
	Feb 2019	629	10	8	481	8.7	70	73	446.50	552	160	2.9
	Mar 2019	982	7	9	717	11.7	99	152	446.70	555	198	3.2
	Apr 2019	1066	19	11	745	12.5	97	183	448.70	593	175	2.9
	May 2019	943	15	13	645	10.5	99	188	448.70	593	104	1.7
	Jun 2019	861	15	16	678	11.4	97	73	448.70	593	105	1.8
	Jul 2019	811	26	17	648	10.5	99	73	448.00	580	111	1.8

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2017 24-Month Study

Minimum Probable Inflow*

Hoover Dam - Lake Mead



	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2016	701	11.4	1075.17	9615	196	431.00	1549.0	265.2	100	378.4
H	Sep 2016	702	11.8	1075.23	9620	5	429.97	1539.0	266.3	100	379.1
WY 2016		9293							3596.9		
I	Oct 2016	518	8.4	1076.34	9710	90	438.10	1335.0	195.2	87	377.1
S	Nov 2016	751	12.6	1076.55	9727	17	427.42	1072.0	290.6	80	386.7
T	Dec 2016	542	8.8	1080.82	10079	352	438.26	1103.0	207.3	71	382.3
O	Jan 2017	500	8.1	1086.08	10521	442	442.12	857.0	192.4	55	384.9
R	Feb 2017	488	8.8	1089.78	10838	317	446.75	938.0	190.4	58	390.4
I	Mar 2017	911	14.8	1088.26	10707	-131	440.44	1291.1	362.0	79	397.2
C	Apr 2017	961	16.1	1084.89	10420	-287	439.75	1227.0	381.0	76	396.5
A	May 2017	917	14.9	1081.56	10141	-280	434.83	1307.0	360.6	80	393.4
L	Jun 2017	864	14.5	1079.52	9971	-169	433.52	1500.0	335.0	94	387.5
*	Jul 2017	885	14.4	1079.03	9931	-40	432.24	1499.0	341.1	94	385.5
	Aug 2017	653	10.6	1082.11	10187	256	427.41	1478.1	247.7	93	379.5
	Sep 2017	649	10.9	1082.55	10224	37	430.13	1587.0	248.0	100	382.4
WY 2017		8638							3351.2		
	Oct 2017	696	11.3	1081.69	10151	-72	435.85	978.9	275.9	61	396.1
	Nov 2017	646	10.9	1081.45	10132	-19	436.76	882.9	256.5	56	396.8
	Dec 2017	592	9.6	1083.17	10276	144	437.36	824.9	235.4	52	397.7
	Jan 2018	729	11.9	1084.85	10417	142	435.66	1102.0	288.9	69	396.2
	Feb 2018	625	11.3	1086.54	10560	143	435.63	1214.0	245.2	75	392.1
	Mar 2018	1053	17.1	1083.58	10309	-251	433.85	1311.1	416.2	82	395.2
	Apr 2018	1109	18.6	1078.52	9889	-420	429.51	1285.0	438.7	82	395.7
	May 2018	983	16.0	1074.61	9569	-320	423.69	1472.0	379.1	95	385.8
	Jun 2018	882	14.8	1072.25	9379	-190	420.34	1542.0	334.0	100	378.5
	Jul 2018	844	13.7	1072.14	9370	-9	419.61	1542.0	323.3	100	382.9
	Aug 2018	787	12.8	1073.85	9508	138	420.56	1553.0	299.9	100	381.1
	Sep 2018	714	12.0	1073.47	9477	-31	421.70	1553.0	270.8	100	379.5
WY 2018		9661							3763.9		
	Oct 2018	506	8.2	1074.97	9598	121	426.45	1258.1	195.7	80	387.1
	Nov 2018	649	10.9	1074.77	9582	-16	429.38	1259.0	249.5	81	384.4
	Dec 2018	604	9.8	1076.11	9691	109	428.76	1166.0	233.2	74	386.0
	Jan 2019	721	11.7	1077.98	9844	153	428.03	1177.2	279.3	75	387.6
	Feb 2019	654	11.8	1079.52	9972	128	428.06	1280.8	253.1	81	386.7
	Mar 2019	1046	17.0	1076.55	9727	-245	426.21	1372.2	403.8	88	386.1
	Apr 2019	1101	18.5	1071.61	9328	-399	422.01	1331.0	425.9	87	386.7
	May 2019	977	15.9	1067.78	9024	-303	416.32	1505.9	369.2	100	377.8
	Jun 2019	877	14.7	1065.36	8835	-189	413.55	1491.1	326.2	100	371.9
	Jul 2019	839	13.6	1065.29	8829	-6	412.80	1489.3	315.5	100	376.3

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2017 24-Month Study

Minimum Probable Inflow*

Davis Dam - Lake Mohave



	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2016	714	11.6	642.00	1671	-48	142.46	255.0	91.6	100	128.4
H	Sep 2016	711	11.9	640.34	1627	-45	138.91	255.0	90.5	100	127.3
WY 2016		8879							1129.0		
I	Oct 2016	640	10.4	634.86	1482	-144	135.70	201.5	79.3	79	123.8
S	Nov 2016	574	9.6	640.09	1620	138	140.91	170.9	71.1	67	123.8
T	Dec 2016	482	7.8	641.31	1653	33	138.48	168.3	61.4	66	127.3
O	Jan 2017	408	6.6	643.47	1712	59	143.95	164.5	54.6	65	133.8
R	Feb 2017	486	8.7	642.70	1690	-21	141.54	162.1	63.8	64	131.4
I	Mar 2017	844	13.7	643.70	1718	28	141.08	194.1	109.6	76	129.9
C	Apr 2017	955	16.1	642.45	1684	-34	138.31	204.0	131.0	80	137.2
A	May 2017	846	13.8	643.74	1719	35	142.74	232.0	108.4	91	128.1
L	Jun 2017	853	14.3	643.01	1699	-20	141.59	255.0	107.4	100	126.0
*	Jul 2017	809	13.2	644.65	1744	45	143.65	255.0	101.5	100	125.5
	Aug 2017	676	11.0	642.50	1685	-59	136.62	255.0	86.0	100	127.1
	Sep 2017	700	11.8	639.51	1604	-81	133.95	255.0	87.2	100	124.6
WY 2017		8274							1061.4		
	Oct 2017	744	12.1	637.00	1538	-66	132.58	202.3	90.7	79	122.0
	Nov 2017	625	10.5	637.00	1538	0	132.33	170.0	75.8	67	121.4
	Dec 2017	528	8.6	638.71	1583	45	133.30	167.8	64.9	66	122.9
	Jan 2018	617	10.0	641.80	1666	83	134.43	210.6	76.9	83	124.5
	Feb 2018	600	10.8	641.80	1666	0	136.73	187.6	75.3	74	125.6
	Mar 2018	989	16.1	643.05	1700	34	137.26	190.8	123.1	75	124.4
	Apr 2018	1073	18.0	643.00	1699	-2	136.07	255.0	133.5	100	124.4
	May 2018	948	15.4	643.00	1699	0	136.04	255.0	118.6	100	125.1
	Jun 2018	867	14.6	642.00	1671	-27	135.51	255.0	108.3	100	125.0
	Jul 2018	817	13.3	641.50	1658	-14	134.73	255.0	101.8	100	124.7
	Aug 2018	752	12.2	641.50	1658	0	134.46	255.0	93.9	100	124.8
	Sep 2018	725	12.2	640.01	1617	-40	133.68	255.0	90.0	100	124.2
WY 2018		9284							1152.8		
	Oct 2018	670	10.9	633.00	1434	-183	130.74	202.3	80.9	79	120.8
	Nov 2018	576	9.7	635.00	1486	51	129.19	170.0	68.6	67	119.0
	Dec 2018	488	7.9	638.71	1583	97	132.25	167.8	59.6	66	122.2
	Jan 2019	609	9.9	641.80	1666	83	134.43	210.6	75.8	83	124.5
	Feb 2019	629	11.3	641.80	1666	0	136.73	187.6	78.9	74	125.4
	Mar 2019	982	16.0	643.05	1700	34	137.26	190.8	122.2	75	124.5
	Apr 2019	1066	17.9	643.00	1699	-2	136.07	255.0	132.6	100	124.4
	May 2019	943	15.3	643.00	1699	0	136.04	255.0	118.0	100	125.2
	Jun 2019	861	14.5	642.00	1671	-27	135.51	255.0	107.7	100	125.0
	Jul 2019	811	13.2	641.50	1658	-14	134.73	255.0	101.1	100	124.7

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2017 24-Month Study

Minimum Probable Inflow*

Parker Dam - Lake Havasu



	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2016	570	9.3	448.50	590	-10	82.60	120.0	40.2	100	70.7
H	Sep 2016	490	8.2	447.97	579	-10	82.24	120.0	34.7	100	70.9
WY 2016		6345							447.6		
I	Oct 2016	466	7.6	446.90	559	-20	78.88	93.6	32.8	78	70.5
S	Nov 2016	374	6.3	446.33	549	-11	80.55	90.0	26.0	75	69.6
T	Dec 2016	271	4.4	447.64	573	24	83.20	117.6	17.9	98	65.9
O	Jan 2017	244	4.0	447.29	567	-6	81.95	93.9	16.2	78	66.5
R	Feb 2017	393	7.1	448.30	586	19	82.67	90.0	27.9	75	71.0
I	Mar 2017	687	11.2	447.83	577	-9	79.98	90.0	48.8	75	71.1
C	Apr 2017	729	12.3	448.73	594	17	80.51	120.0	51.3	100	70.3
A	May 2017	634	10.3	448.31	586	-8	82.36	120.0	44.8	100	70.6
L	Jun 2017	689	11.6	448.41	588	2	80.56	120.0	48.1	100	69.9
*	Jul 2017	666	10.8	448.63	592	4	82.74	120.0	46.5	100	69.9
	Aug 2017	547	8.9	448.50	590	-2	75.92	120.0	36.0	100	65.8
	Sep 2017	524	8.8	447.50	571	-19	76.57	94.0	34.9	78	66.5
WY 2017		6224							431.3		
	Oct 2017	496	8.1	447.50	571	0	74.97	118.1	32.2	98	64.9
	Nov 2017	410	6.9	447.50	571	0	76.29	90.0	26.9	75	65.6
	Dec 2017	333	5.4	446.50	552	-19	75.66	92.9	21.4	77	64.2
	Jan 2018	361	5.9	446.50	552	0	74.29	111.3	22.9	93	63.5
	Feb 2018	482	8.7	446.50	552	0	74.73	101.8	31.3	85	65.0
	Mar 2018	717	11.7	446.70	555	4	74.69	104.5	47.1	87	65.6
	Apr 2018	745	12.5	448.70	593	38	75.08	120.0	49.1	100	65.9
	May 2018	643	10.5	448.70	593	0	76.05	120.0	42.7	100	66.3
	Jun 2018	676	11.4	448.70	593	0	76.05	120.0	44.9	100	66.5
	Jul 2018	646	10.5	448.00	580	-13	75.71	120.0	42.7	100	66.1
	Aug 2018	579	9.4	447.50	571	-9	75.13	120.0	37.9	100	65.4
	Sep 2018	515	8.7	447.50	570	0	74.89	120.0	33.5	100	65.0
WY 2018		6604							432.6		
	Oct 2018	489	8.0	447.50	571	0	75.85	98.7	32.1	82	65.7
	Nov 2018	392	6.6	447.50	571	0	75.83	99.0	25.5	83	65.0
	Dec 2018	325	5.3	446.50	552	-19	74.40	120.0	20.5	100	63.1
	Jan 2019	359	5.8	446.50	552	0	75.02	95.8	23.0	80	64.1
	Feb 2019	481	8.7	446.50	552	0	75.21	92.1	31.5	77	65.5
	Mar 2019	717	11.7	446.70	555	4	74.05	119.0	46.6	99	65.0
	Apr 2019	745	12.5	448.70	593	38	75.08	120.0	49.1	100	65.9
	May 2019	645	10.5	448.70	593	0	76.05	120.0	42.8	100	66.3
	Jun 2019	678	11.4	448.70	593	0	76.05	120.0	45.1	100	66.5
	Jul 2019	648	10.5	448.00	580	-13	75.71	120.0	42.8	100	66.1

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2017 24-Month Study

Minimum Probable Inflow*

Upper Basin Power



Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
* Aug 2016	408	44	33	39	22	6
H Sep 2016	315	42	30	36	20	3
Summer 2016	2111	276	166	218	116	34
I Oct 2016	269	33	26	33	19	0
S Nov 2016	277	30	9	11	6	0
T Dec 2016	395	41	10	11	6	0
O Jan 2017	385	43	10	11	5	0
R Feb 2017	307	43	13	19	10	0
I Mar 2017	312	97	19	22	0	0
Winter 2017	1945	289	87	107	46	0
C Apr 2017	270	102	15	22	6	0
A May 2017	291	105	43	72	17	4
L Jun 2017	346	102	40	66	8	6
* Jul 2017	399	71	35	13	18	8
Aug 2017	381	53	35	42	20	10
Sep 2017	279	53	34	41	20	7
Summer 2017	1966	485	202	256	90	35
Oct 2017	264	55	26	31	16	6
Nov 2017	264	53	24	29	14	6
Dec 2017	309	62	34	42	21	6
Jan 2018	358	63	20	25	13	5
Feb 2018	310	57	11	14	7	4
Mar 2018	330	38	12	16	8	5
Winter 2018	1834	327	127	158	79	32
Apr 2018	287	36	16	24	12	3
May 2018	288	61	35	50	23	4
Jun 2018	314	56	21	27	13	4
Jul 2018	354	20	22	29	14	5
Aug 2018	365	20	22	28	14	5
Sep 2018	269	19	19	24	12	6
Summer 2018	1877	213	135	182	89	27
Oct 2018	256	20	11	15	8	5
Nov 2018	254	19	4	5	3	6
Dec 2018	284	20	7	10	5	5
Jan 2019	336	20	7	10	5	5
Feb 2019	290	18	6	9	5	4
Mar 2019	308	20	8	11	6	5
Winter 2019	1421	98	35	48	27	25
Apr 2019	272	20	12	18	10	4
May 2019	273	45	46	64	23	4
Jun 2019	293	43	17	24	15	5
Jul 2019	333	18	22	28	14	6

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2017 24-Month Study

Minimum Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions



Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	BOM Space Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
*****PREDICTED SPACE*****								*****CREDITABLE SPACE*****										
Aug 2017	235	11	335	8937	9519	17446	26965	235	11	335	581	8937	17446	26965	1500	653	0	33.7
Sep 2017	250	39	373	9243	9905	17190	27096	250	39	373	662	9243	17190	27096	2270	649	0	33.3
Oct 2017	292	81	389	9471	10234	17153	27387	292	81	389	762	9471	17153	27387	3040	696	0	32.8
Nov 2017	391	132	407	9643	10573	17226	27799	391	132	407	930	9643	17226	27799	3810	646	0	32.6
Dec 2017	473	178	407	9732	10790	17245	28036	473	178	407	1058	9732	17245	28036	4580	592	0	32.4
Jan 2018	593	266	413	9921	11193	17101	28295	593	266	413	1272	9921	17101	28295	5350	729	0	32.1
								*****EFFECTIVE SPACE*****										
Jan 2018	593	266	413	9921	11193	17101	28295	-26	-18	248	203	9921	17101	27226	5350	729	0	32.1
Feb 2018	707	308	419	10255	11688	16960	28648	88	24	253	366	10255	16960	27580	1500	625	0	31.9
Mar 2018	796	321	418	10510	12045	16817	28862	178	37	251	465	10510	16817	27792	1500	1053	0	31.5
Apr 2018	761	328	393	10784	12265	17068	29333	137	42	219	399	10784	17068	28250	1500	1109	0	31.0
May 2018	724	332	362	10889	12306	17488	29794	94	42	165	302	10889	17488	28679	1500	983	0	31.1
Jun 2018	721	330	290	10538	11880	17808	29687	85	32	55	172	10538	17808	28517	1500	882	0	31.3
Jul 2018	668	279	297	10323	11568	17998	29566	22	-28	7	1	10323	17998	28321	1500	844	0	30.5
								*****CREDITABLE SPACE*****										
Aug 2018	661	298	351	10984	12295	18007	30301	661	298	351	1311	10984	18007	30301	1500	787	0	29.8
Sep 2018	697	325	400	11660	13083	17869	30952	697	325	400	1423	11660	17869	30952	2270	714	0	29.3
Oct 2018	725	355	436	11969	13484	17900	31384	725	355	436	1515	11969	17900	31384	3040	506	0	28.9
Nov 2018	745	363	449	12237	13793	17779	31572	745	363	449	1556	12237	17779	31572	3810	649	0	28.7
Dec 2018	759	346	456	12478	14039	17795	31834	759	346	456	1561	12478	17795	31834	4580	604	0	28.5
Jan 2019	789	344	461	12837	14432	17686	32118	789	344	461	1594	12837	17686	32118	5350	721	0	28.3
								*****EFFECTIVE SPACE*****										
Jan 2019	789	344	461	12837	14432	17686	32118	238	130	341	709	12837	17686	31233	5350	721	0	28.3
Feb 2019	812	343	468	13313	14937	17533	32470	259	131	348	737	13313	17533	31584	1500	654	0	28.0
Mar 2019	827	341	466	13667	15300	17405	32706	270	131	344	745	13667	17405	31817	1500	1046	0	27.6
Apr 2019	802	332	422	13960	15516	17650	33166	239	124	293	656	13960	17650	32267	1500	1101	0	27.2
May 2019	765	311	379	14064	15519	18049	33569	196	101	227	524	14064	18049	32637	1500	977	0	27.7
Jun 2019	733	326	286	13389	14734	18353	33086	156	107	95	358	13389	18353	32100	1500	877	0	28.3
Jul 2019	645	222	259	12826	13952	18542	32494	57	-13	12	56	12826	18542	31425	1500	839	0	27.8

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

Model Run ID: 3040

Processed On: 8/17/2017 7:04:35AM