

To: All Annual Operating Plan Recipients

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In addition to the April 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/April-Chart.pdf>.

The water year 2017 unregulated inflow into Lake Powell under the April Probable Minimum inflow scenario is 11.38 maf, or 105 percent of average. Consistent with the Interim Guidelines, the Most Probable 24-Month Study set an April adjustment to balancing releases at Glen Canyon Dam for the remainder of water year 2017. With the Probable Minimum inflow forecast, the Probable Minimum 24-Month Study results in a projected annual release volume from Glen Canyon Dam of 9.00 maf in water year 2017 and 2018.

The Interim Guidelines are available for download at <https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf>.
The April 2017 Most Probable 24-Month Study is available for download at <https://www.usbr.gov/lc/region/g4000/24mo/2017/APR17.pdf>.

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 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)
*	Apr 2016	91	1	56	0	56	6481.34	174
H	May 2016	186	2	86	20	106	6493.63	252
I	Jun 2016	293	2	101	143	243	6500.14	299
S	Jul 2016	80	3	73	3	76	6500.25	300
T	Aug 2016	29	2	65	0	65	6495.03	262
O	Sep 2016	26	2	36	21	58	6490.22	229
	WY 2016	943	15	739	213	952		
R	Oct 2016	57	1	0	57	57	6490.08	228
I	Nov 2016	62	1	0	59	59	6490.44	230
C	Dec 2016	37	1	0	63	63	6486.33	203
A	Jan 2017	45	1	0	63	63	6483.20	184
L	Feb 2017	51	1	0	57	57	6482.06	178
*	Mar 2017	180	1	0	150	150	6486.90	207
	Apr 2017	164	1	98	132	230	6474.80	141
	May 2017	314	1	96	244	340	6468.50	113
	Jun 2017	573	2	99	307	406	6497.21	278
	Jul 2017	340	3	102	173	275	6505.36	341
	Aug 2017	116	2	104	96	200	6493.93	255
	Sep 2017	52	2	65	0	65	6491.78	240
	WY 2017	1990	15	564	1401	1965		
	Oct 2017	36	1	56	0	56	6488.54	219
	Nov 2017	38	1	54	0	54	6485.99	202
	Dec 2017	30	1	56	0	56	6481.62	176
	Jan 2018	28	1	56	0	56	6476.28	148
	Feb 2018	26	0	51	0	51	6470.91	123
	Mar 2018	47	0	56	0	56	6468.80	114
	Apr 2018	65	1	54	0	54	6471.21	124
	May 2018	116	1	56	0	56	6482.95	184
	Jun 2018	180	2	54	0	54	6501.07	307
	Jul 2018	99	3	65	0	65	6505.04	338
	Aug 2018	47	2	82	0	82	6500.14	300
	Sep 2018	33	2	60	0	60	6496.32	272
	WY 2018	746	15	700	0	700		
	Oct 2018	36	1	61	0	61	6492.61	246
	Nov 2018	39	1	60	0	60	6489.45	225
	Dec 2018	32	1	61	0	61	6484.83	195
	Jan 2019	30	1	61	0	61	6479.31	163
	Feb 2019	28	0	60	0	60	6472.55	130
	Mar 2019	53	0	70	0	70	6468.39	112

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 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)
*	Apr 2016	140	105	5	50	0	50	129	6026.43	3213	316
H	May 2016	362	282	8	52	0	52	138	6032.01	3427	701
I	Jun 2016	455	405	11	270	198	469	135	6030.17	3356	965
S	Jul 2016	91	88	13	116	4	120	133	6029.03	3312	220
T	Aug 2016	28	64	13	110	0	110	131	6027.55	3255	133
O	Sep 2016	36	67	11	107	0	107	129	6026.27	3207	128
	WY 2016	1427	1437	80	1406	203	1609				3435
R	Oct 2016	70	70	7	85	0	85	128	6025.69	3186	119
I	Nov 2016	73	70	4	77	0	77	128	6025.41	3175	112
C	Dec 2016	35	61	2	106	0	106	126	6024.19	3130	136
A	Jan 2017	49	67	2	110	0	110	124	6023.01	3087	155
L	Feb 2017	106	112	2	109	0	109	124	6023.03	3088	189
*	Mar 2017	400	370	3	256	26	282	128	6025.25	3169	408
	Apr 2017	251	318	5	280	232	512	120	6019.96	2978	642
	May 2017	461	488	7	288	117	406	123	6021.97	3050	727
	Jun 2017	733	565	10	143	0	143	139	6032.48	3446	397
	Jul 2017	395	330	14	132	0	132	146	6036.88	3623	193
	Aug 2017	130	214	14	132	0	132	148	6038.47	3688	148
	Sep 2017	59	72	12	128	0	128	146	6036.88	3622	141
	WY 2017	2761	2736	82	1847	376	2223				3367
	Oct 2017	39	59	8	132	0	132	143	6034.95	3544	155
	Nov 2017	41	57	4	128	0	128	140	6033.17	3473	156
	Dec 2017	28	53	2	132	0	132	137	6031.19	3395	157
	Jan 2018	35	62	2	132	0	132	134	6029.41	3326	157
	Feb 2018	39	63	2	119	0	119	132	6027.94	3270	142
	Mar 2018	86	94	3	132	0	132	130	6026.90	3231	199
	Apr 2018	97	86	5	128	0	128	128	6025.70	3186	293
	May 2018	163	103	8	181	0	181	125	6023.45	3103	584
	Jun 2018	217	91	10	80	0	80	125	6023.48	3104	348
	Jul 2018	106	73	13	68	0	68	125	6023.27	3097	100
	Aug 2018	47	83	12	68	0	68	125	6023.35	3100	81
	Sep 2018	33	59	11	65	0	65	124	6022.89	3083	73
	WY 2018	930	883	78	1366	0	1366				2445
	Oct 2018	42	67	7	68	0	68	124	6022.69	3076	91
	Nov 2018	48	68	3	65	0	65	124	6022.68	3075	94
	Dec 2018	35	64	2	68	0	68	124	6022.55	3071	93
	Jan 2019	40	72	2	68	0	68	124	6022.61	3073	93
	Feb 2019	45	77	2	61	0	61	124	6022.97	3086	89
	Mar 2019	102	120	3	68	0	68	126	6024.27	3133	144

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 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)
*	Apr 2016	9	6	9310.70	71
H	May 2016	17	11	9314.16	77
I	Jun 2016	41	20	9325.34	97
S	Jul 2016	11	21	9320.04	87
T	Aug 2016	9	16	9315.75	79
O	Sep 2016	6	14	9310.77	71
	WY 2016	125	125		
R	Oct 2016	5	6	9310.23	70
I	Nov 2016	4	5	9309.76	70
C	Dec 2016	5	5	9309.56	69
A	Jan 2017	6	5	9309.76	70
L	Feb 2017	4	5	9309.43	69
*	Mar 2017	6	6	9309.23	69
	Apr 2017	9	15	9305.22	63
	May 2017	29	22	9309.64	69
	Jun 2017	42	30	9317.10	82
	Jul 2017	20	25	9314.64	78
	Aug 2017	10	18	9309.41	69
	Sep 2017	7	18	9301.92	58
	WY 2017	147	160		
	Oct 2017	6	12	9297.02	51
	Nov 2017	5	6	9295.88	50
	Dec 2017	4	6	9294.31	48
	Jan 2018	4	6	9292.71	46
	Feb 2018	4	6	9290.64	44
	Mar 2018	4	6	9288.96	42
	Apr 2018	8	6	9290.50	43
	May 2018	23	20	9293.35	47
	Jun 2018	31	22	9300.04	55
	Jul 2018	11	22	9291.06	44
	Aug 2018	7	20	9278.12	31
	Sep 2018	6	16	9265.09	21
	WY 2018	112	148		
	Oct 2018	6	8	9261.96	19
	Nov 2018	5	6	9260.34	18
	Dec 2018	5	6	9258.06	17
	Jan 2019	4	6	9255.06	15
	Feb 2019	4	6	9250.76	13
	Mar 2019	4	6	9247.46	12

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 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)
*	Apr 2016	75	72	1	63	0	63	7488.62	571
H	May 2016	161	155	1	134	19	153	7488.74	572
I	Jun 2016	285	265	1	46	0	46	7514.84	788
S	Jul 2016	81	91	2	112	0	112	7512.31	766
T	Aug 2016	57	65	1	110	0	110	7506.94	720
O	Sep 2016	38	46	1	100	0	100	7500.48	665
	WY 2016	881	882	9	913	19	934		
R	Oct 2016	32	33	1	90	0	90	7493.44	608
I	Nov 2016	26	27	0	33	0	33	7492.53	601
C	Dec 2016	26	26	0	35	0	35	7491.43	593
A	Jan 2017	29	28	0	34	0	34	7490.68	587
L	Feb 2017	28	29	0	44	1	44	7488.71	571
*	Mar 2017	70	70	0	69	0	70	7488.71	571
	Apr 2017	110	116	1	60	0	60	7495.81	627
	May 2017	259	252	1	206	123	329	7485.82	549
	Jun 2017	310	298	1	124	0	124	7507.14	721
	Jul 2017	110	115	2	92	0	92	7509.56	742
	Aug 2017	67	76	1	106	0	106	7505.94	711
	Sep 2017	36	47	1	95	0	95	7500.09	662
	WY 2017	1104	1118	9	989	125	1112		
	Oct 2017	32	39	1	59	0	59	7497.54	641
	Nov 2017	29	31	0	51	0	51	7495.00	621
	Dec 2017	25	27	0	86	0	86	7487.41	561
	Jan 2018	24	26	0	44	0	44	7485.11	544
	Feb 2018	22	24	0	28	0	28	7484.67	541
	Mar 2018	34	36	0	33	0	33	7485.04	543
	Apr 2018	63	62	1	46	0	46	7486.98	558
	May 2018	156	152	1	160	0	160	7485.79	549
	Jun 2018	177	169	1	64	0	64	7498.84	652
	Jul 2018	62	73	1	85	0	85	7497.22	639
	Aug 2018	45	58	1	85	0	85	7493.72	611
	Sep 2018	29	39	1	74	0	74	7489.13	575
	WY 2018	699	736	8	815	0	815		
	Oct 2018	32	34	1	46	0	46	7487.58	563
	Nov 2018	30	31	0	17	0	17	7489.32	576
	Dec 2018	26	27	0	39	0	39	7487.70	564
	Jan 2019	24	26	0	55	0	55	7483.90	535
	Feb 2019	22	25	0	44	0	44	7481.32	516
	Mar 2019	36	38	0	45	0	45	7480.25	508

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 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)
*	Apr 2016	83	63	7	71	71	0	71	7152.57	111
H	May 2016	176	153	15	168	176	4	180	7136.53	99
I	Jun 2016	302	46	18	64	52	0	52	7152.31	111
S	Jul 2016	83	112	2	114	113	0	113	7153.43	112
T	Aug 2016	58	110	1	111	111	0	111	7153.88	112
O	Sep 2016	39	100	1	100	103	0	103	7150.03	109
	WY 2016	931	934	49	983	972	5	978		
R	Oct 2016	33	90	1	91	93	0	93	7146.55	106
I	Nov 2016	28	33	2	36	32	0	35	7147.39	107
C	Dec 2016	27	35	1	36	34	0	34	7150.44	109
A	Jan 2017	30	34	2	36	33	0	33	7153.75	112
L	Feb 2017	29	44	1	45	55	0	55	7140.48	102
*	Mar 2017	74	70	5	74	64	0	68	7148.96	108
	Apr 2017	122	60	12	72	68	0	68	7153.73	112
	May 2017	287	329	28	357	306	51	357	7153.73	112
	Jun 2017	343	124	33	158	158	0	158	7153.73	112
	Jul 2017	122	92	12	104	104	0	104	7153.73	112
	Aug 2017	72	106	4	110	110	0	110	7153.73	112
	Sep 2017	39	95	3	98	98	0	98	7153.73	112
	WY 2017	1208	1112	104	1216	1156	51	1213		
	Oct 2017	35	59	3	62	62	0	62	7153.73	112
	Nov 2017	31	51	2	53	53	0	53	7153.73	112
	Dec 2017	27	86	2	88	88	0	88	7153.73	112
	Jan 2018	26	44	2	45	45	0	45	7153.73	112
	Feb 2018	24	28	2	30	30	0	30	7153.73	112
	Mar 2018	38	33	4	36	36	0	36	7153.73	112
	Apr 2018	72	46	9	55	55	0	55	7153.73	112
	May 2018	171	160	16	176	176	0	176	7153.73	112
	Jun 2018	187	64	10	75	75	0	75	7153.73	112
	Jul 2018	64	85	2	87	87	0	87	7153.73	112
	Aug 2018	47	85	2	87	87	0	87	7153.73	112
	Sep 2018	31	74	2	76	76	0	76	7153.73	112
	WY 2018	755	815	55	870	870	0	870		
	Oct 2018	35	46	3	48	48	0	48	7153.73	112
	Nov 2018	32	17	2	19	19	0	19	7153.73	112
	Dec 2018	28	39	2	41	41	0	41	7153.73	112
	Jan 2019	27	55	2	57	57	0	57	7153.73	112
	Feb 2019	25	44	3	46	46	0	46	7153.73	112
	Mar 2019	40	45	4	49	49	0	49	7153.73	112

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 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)
*	Apr 2016	92	71	9	80	80	0	80	6751.41	16	47	36
H	May 2016	194	180	18	198	109	64	197	6753.13	17	51	154
I	Jun 2016	344	52	41	93	74	20	93	6752.00	17	43	53
S	Jul 2016	89	113	6	119	117	2	119	6750.04	16	64	58
T	Aug 2016	62	111	4	114	114	0	114	6749.30	16	62	53
O	Sep 2016	42	103	3	106	106	1	107	6747.05	15	59	47
	WY 2016	1034	978	103	1081	811	243	1080			384	724
R	Oct 2016	37	93	4	97	97	0	97	6747.92	15	57	39
I	Nov 2016	31	35	3	38	37	0	37	6750.47	16	1	36
C	Dec 2016	31	34	4	38	36	1	37	6751.45	17	0	37
A	Jan 2017	35	33	4	37	36	2	37	6750.29	16	1	37
L	Feb 2017	34	55	4	59	56	4	60	6749.56	16	0	60
*	Mar 2017	81	68	6	74	0	73	73	6752.06	17	8	66
	Apr 2017	140	68	17	85	85	0	85	6753.04	17	30	55
	May 2017	328	357	41	398	134	264	398	6753.04	17	55	343
	Jun 2017	393	158	49	207	130	77	207	6753.04	17	60	147
	Jul 2017	140	104	17	122	122	0	122	6753.04	17	65	57
	Aug 2017	82	110	10	120	120	0	120	6753.04	17	65	55
	Sep 2017	46	98	7	105	105	0	105	6753.04	17	55	50
	WY 2017	1375	1213	167	1380	957	421	1378			398	982
	Oct 2017	40	62	6	67	67	0	67	6753.04	17	30	37
	Nov 2017	35	53	4	57	57	0	57	6753.04	17	0	57
	Dec 2017	31	88	4	92	92	0	92	6753.04	17	0	92
	Jan 2018	30	45	4	49	49	0	49	6753.04	17	0	49
	Feb 2018	28	30	4	33	33	0	33	6753.04	17	0	33
	Mar 2018	43	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2018	83	55	10	65	65	0	65	6753.04	17	30	35
	May 2018	193	176	21	197	134	63	197	6753.04	17	55	142
	Jun 2018	206	75	19	93	93	0	93	6753.04	17	60	33
	Jul 2018	70	87	6	93	93	0	93	6753.04	17	65	28
	Aug 2018	53	87	6	93	93	0	93	6753.04	17	65	28
	Sep 2018	37	76	5	82	82	0	82	6753.04	17	55	27
	WY 2018	848	870	94	964	901	63	964			365	599
	Oct 2018	41	48	6	54	54	0	54	6753.04	17	30	24
	Nov 2018	37	19	5	24	24	0	24	6753.04	17	0	24
	Dec 2018	32	41	5	46	46	0	46	6753.04	17	0	46
	Jan 2019	31	57	5	61	61	0	61	6753.04	17	0	61
	Feb 2019	29	46	4	50	50	0	50	6753.04	17	0	50
	Mar 2019	46	49	6	55	55	0	55	6753.04	17	5	50

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 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)
*	Apr 2016	25	13	7657.23	105
H	May 2016	60	44	7663.23	121
I	Jun 2016	77	73	7664.30	124
S	Jul 2016	17	38	7656.15	102
T	Aug 2016	15	33	7648.82	84
O	Sep 2016	14	27	7643.21	71
	WY 2016	269	270		
R	Oct 2016	11	8	7644.63	74
I	Nov 2016	6	2	7646.51	79
C	Dec 2016	6	2	7647.98	82
A	Jan 2017	7	5	7648.89	84
L	Feb 2017	7	15	7645.42	76
*	Mar 2017	24	24	7645.75	77
	Apr 2017	26	28	7644.78	75
	May 2017	54	38	7651.55	91
	Jun 2017	58	43	7657.43	105
	Jul 2017	20	42	7648.47	83
	Aug 2017	14	38	7637.36	59
	Sep 2017	12	30	7627.82	41
	WY 2017	246	273		
	Oct 2017	11	17	7623.77	35
	Nov 2017	8	2	7627.47	40
	Dec 2017	6	2	7630.10	45
	Jan 2018	6	2	7632.15	49
	Feb 2018	5	2	7633.87	52
	Mar 2018	8	2	7636.69	57
	Apr 2018	19	2	7644.39	74
	May 2018	62	32	7656.54	103
	Jun 2018	49	54	7654.44	98
	Jul 2018	18	42	7644.30	74
	Aug 2018	15	38	7633.01	50
	Sep 2018	15	30	7624.12	35
	WY 2018	220	223		
	Oct 2018	11	17	7619.55	29
	Nov 2018	8	2	7623.66	34
	Dec 2018	6	2	7626.49	39
	Jan 2019	5	2	7628.57	42
	Feb 2019	5	2	7630.28	45
	Mar 2019	9	2	7633.86	52

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 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)
*	Apr 2016	119	14	94	3	19	22	6070.75	1491	49
H	May 2016	209	28	165	4	12	91	6074.87	1549	158
I	Jun 2016	214	35	174	5	25	250	6067.29	1443	387
S	Jul 2016	24	4	40	5	37	79	6061.29	1364	105
T	Aug 2016	30	4	45	4	33	35	6059.16	1337	56
O	Sep 2016	21	1	33	3	27	30	6056.98	1310	41
	WY 2016	864	96	769	29	169	653			1066
R	Oct 2016	27	0	24	2	5	27	6056.19	1300	46
I	Nov 2016	24	0	19	1	0	22	6055.87	1296	43
C	Dec 2016	25	0	22	1	0	20	6055.92	1297	39
A	Jan 2017	34	0	31	1	0	22	6056.65	1306	38
L	Feb 2017	55	1	62	1	1	26	6059.31	1339	48
*	Mar 2017	177	18	159	2	6	30	6068.54	1460	89
	Apr 2017	160	12	150	3	16	30	6075.75	1562	88
	May 2017	185	34	135	4	28	183	6070.07	1482	303
	Jun 2017	225	28	182	4	42	230	6063.06	1387	353
	Jul 2017	30	3	49	4	45	43	6059.60	1343	97
	Aug 2017	22	0	46	4	38	53	6055.71	1294	83
	Sep 2017	23	0	41	3	21	48	6053.13	1263	72
	WY 2017	988	97	919	28	204	734			1300
	Oct 2017	27	1	33	2	8	35	6052.13	1251	55
	Nov 2017	25	0	19	1	0	24	6051.70	1246	40
	Dec 2017	22	0	17	1	0	24	6051.09	1238	40
	Jan 2018	21	0	17	1	0	31	6049.91	1224	45
	Feb 2018	27	0	23	1	0	28	6049.46	1219	40
	Mar 2018	80	1	73	2	5	31	6052.47	1255	50
	Apr 2018	120	11	92	2	21	30	6055.70	1294	71
	May 2018	221	24	167	4	35	22	6064.11	1401	145
	Jun 2018	142	17	129	4	51	22	6067.98	1453	137
	Jul 2018	23	2	44	5	56	46	6063.37	1391	86
	Aug 2018	19	0	42	4	47	50	6058.75	1332	77
	Sep 2018	26	0	41	3	26	45	6056.18	1300	70
	WY 2018	753	57	699	27	248	387			856
	Oct 2018	28	1	34	2	10	30	6055.55	1292	50
	Nov 2018	28	0	22	1	0	22	6055.41	1291	39
	Dec 2018	25	0	21	1	0	24	6055.04	1286	40
	Jan 2019	22	0	18	1	0	31	6053.97	1273	44
	Feb 2019	30	0	27	1	0	28	6053.85	1271	40
	Mar 2019	92	2	83	2	5	31	6057.55	1317	53

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2017 24-Month Study

Minimum Probable Inflow*

Lake Powell



		Unreg Inflow	Regulated Inflow	Evap Losses	PowerPlant Release	Bypass Release	Total Release	Reservoir Elev End of Month	Bank Storage	EOM Storage	Lees Ferry Gage
	Date	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)
*	Apr 2016	814	681	22	665	0	665	3592.12	4935	11014	681
H	May 2016	2294	1925	26	700	0	700	3603.87	5024	12123	709
I	Jun 2016	2907	2618	46	800	0	800	3620.01	5155	13764	807
S	Jul 2016	595	804	58	950	0	950	3618.22	5140	13576	963
T	Aug 2016	253	432	56	900	0	900	3613.55	5101	13091	914
O	Sep 2016	281	461	50	699	0	699	3610.93	5080	12824	712
	WY 2016	9616	9909	378	9000	0	9000				9117
R	Oct 2016	381	477	35	601	0	601	3609.48	5068	12678	610
I	Nov 2016	383	389	33	624	126	750	3605.81	5039	12313	754
C	Dec 2016	300	366	26	898	0	898	3600.49	4997	11797	913
A	Jan 2017	359	415	8	880	0	880	3595.86	4962	11359	900
L	Feb 2017	555	565	8	711	0	711	3594.33	4951	11217	720
*	Mar 2017	1110	893	14	720	0	720	3595.91	4963	11364	730
	Apr 2017	1106	1210	23	620	0	620	3601.45	5005	11889	623
	May 2017	2456	2531	29	650	0	650	3618.50	5142	13605	652
	Jun 2017	2794	2094	49	750	0	750	3629.56	5238	14803	751
	Jul 2017	1143	924	62	850	0	850	3629.66	5239	14815	859
	Aug 2017	463	572	61	900	0	900	3626.41	5210	14455	916
	Sep 2017	328	503	55	670	0	670	3624.53	5194	14249	681
	WY 2017	11379	10940	401	8874	126	9000				9108
	Oct 2017	349	486	38	640	0	640	3622.89	5179	14072	647
	Nov 2017	419	525	36	640	0	640	3621.59	5168	13932	646
	Dec 2017	330	497	29	720	0	720	3619.40	5150	13699	726
	Jan 2018	329	455	9	860	0	860	3615.74	5119	13316	867
	Feb 2018	372	459	9	750	0	750	3613.03	5097	13038	759
	Mar 2018	585	587	16	800	0	800	3610.95	5080	12827	804
	Apr 2018	747	702	25	710	0	710	3610.66	5077	12797	714
	May 2018	1625	1507	30	710	0	710	3617.57	5134	13507	712
	Jun 2018	1654	1353	48	750	0	750	3622.42	5175	14021	751
	Jul 2018	404	468	58	850	0	850	3618.59	5143	13615	859
	Aug 2018	256	396	56	900	0	900	3613.60	5101	13096	915
	Sep 2018	287	409	50	670	0	670	3610.77	5078	12808	682
	WY 2018	7356	7847	403	9000	0	9000				9082
	Oct 2018	361	412	34	640	0	640	3608.35	5059	12565	646
	Nov 2018	447	446	33	640	0	640	3606.24	5042	12355	644
	Dec 2018	363	408	26	720	0	720	3603.04	5017	12043	726
	Jan 2019	361	428	8	860	0	860	3598.79	4985	11635	866
	Feb 2019	393	428	8	750	0	750	3595.54	4960	11330	752
	Mar 2019	665	586	14	800	0	800	3593.27	4943	11119	805

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2017 24-Month Study

Minimum 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										
*	Apr 2016	665	68	38	1055	17.7	18	1055	630	1076.13	9693
H	May 2016	700	50	43	887	14.4	22	885	618	1073.80	9504
I	Jun 2016	800	14	51	920	15.5	28	919	606	1071.64	9330
S	Jul 2016	950	70	64	831	13.5	30	830	612	1072.75	9419
T	Aug 2016	900	107	69	701	11.4	28	700	625	1075.17	9615
O	Sep 2016	699	88	57	702	11.8	22	701	625	1075.23	9620
	WY 2016	9000	798	531	9293		224	9282			
R	Oct 2016	601	78	42	518	8.4	23	517	631	1076.34	9710
I	Nov 2016	750	77	42	751	12.6	16	750	632	1076.55	9727
C	Dec 2016	898	63	36	542	8.8	8	536	655	1080.82	10079
A	Jan 2017	880	128	30	500	8.1	8	494	684	1086.08	10521
L	Feb 2017	711	148	28	488	8.8	6	487	704	1089.78	10838
*	Mar 2017	720	99	32	911	14.8	16	910	696	1088.26	10707
	Apr 2017	620	26	39	956	16.1	23	956	673	1084.15	10358
	May 2017	650	18	44	898	14.6	28	898	655	1080.75	10073
	Jun 2017	750	4	53	826	13.9	29	826	645	1079.01	9929
	Jul 2017	850	75	66	791	12.9	32	791	648	1079.41	9962
	Aug 2017	900	136	71	727	11.8	30	727	660	1081.76	10158
	Sep 2017	670	98	58	798	13.4	27	798	653	1080.46	10049
	WY 2017	9000	950	541	8705		247	8689			
	Oct 2017	640	62	42	613	10.0	22	613	655	1080.74	10073
	Nov 2017	640	51	42	770	12.9	14	770	646	1079.21	9946
	Dec 2017	720	49	36	726	11.8	11	726	646	1079.18	9943
	Jan 2018	860	63	30	720	11.7	7	720	656	1081.07	10100
	Feb 2018	750	79	28	611	11.0	8	611	668	1083.12	10271
	Mar 2018	800	36	31	1039	16.9	16	1039	652	1080.30	10036
	Apr 2018	710	30	38	1099	18.5	23	1099	627	1075.50	9641
	May 2018	710	18	43	970	15.8	29	970	608	1071.85	9347
	Jun 2018	750	8	51	867	14.6	29	867	596	1069.62	9169
	Jul 2018	850	80	63	827	13.5	32	827	596	1069.71	9176
	Aug 2018	900	130	68	770	12.5	30	770	606	1071.62	9328
	Sep 2018	670	102	56	699	11.7	27	699	606	1071.50	9319
	WY 2018	9000	709	528	9711		249	9711			
	Oct 2018	640	71	41	492	8.0	22	492	615	1073.31	9464
	Nov 2018	640	65	41	637	10.7	14	637	616	1073.46	9476
	Dec 2018	720	51	36	595	9.7	11	595	624	1074.95	9597
	Jan 2019	860	64	29	674	11.0	14	674	636	1077.33	9791
	Feb 2019	750	72	27	638	11.5	17	638	645	1078.93	9922
	Mar 2019	800	46	30	1013	16.5	22	1013	632	1076.41	9716

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 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)
*	Apr 2016	1055	-18	17	979	0	979	16.4	644.70	1746
H	May 2016	887	-6	22	903	0	903	14.7	643.07	1701
I	Jun 2016	920	-16	26	838	0	838	14.1	644.53	1741
S	Jul 2016	831	-24	26	803	0	803	13.1	643.75	1719
T	Aug 2016	701	-12	23	714	0	714	11.6	642.00	1671
O	Sep 2016	702	-18	18	711	0	711	11.9	640.34	1627
	WY 2016	9293	-195	198	8879	0	8879			
R	Oct 2016	518	-7	15	640	0	640	10.4	634.86	1482
I	Nov 2016	751	-29	11	574	0	574	9.6	640.09	1620
C	Dec 2016	542	-17	9	482	0	482	7.8	641.31	1653
A	Jan 2017	500	-23	10	408	0	408	6.6	643.47	1712
L	Feb 2017	488	-13	10	486	0	486	8.7	642.70	1690
*	Mar 2017	911	-27	13	844	0	844	13.7	643.70	1718
	Apr 2017	956	-20	17	938	0	938	15.8	643.00	1699
	May 2017	898	-13	22	863	0	863	14.0	643.00	1699
	Jun 2017	826	-18	25	810	0	810	13.6	642.00	1671
	Jul 2017	791	-16	25	763	0	763	12.4	641.50	1658
	Aug 2017	727	-12	23	692	0	692	11.3	641.50	1658
	Sep 2017	798	-11	18	809	0	809	13.6	640.01	1617
	WY 2017	8705	-207	198	8309	0	8309			
	Oct 2017	613	-4	15	777	0	777	12.6	633.00	1434
	Nov 2017	770	-11	10	697	0	697	11.7	635.00	1486
	Dec 2017	726	-10	9	609	0	609	9.9	638.71	1583
	Jan 2018	720	-19	10	608	0	608	9.9	641.80	1666
	Feb 2018	611	-16	10	585	0	585	10.5	641.80	1666
	Mar 2018	1039	-16	13	975	0	975	15.9	643.05	1700
	Apr 2018	1099	-20	17	998	66	1064	17.9	643.00	1699
	May 2018	970	-13	22	935	0	935	15.2	643.00	1699
	Jun 2018	867	-18	25	851	0	851	14.3	642.00	1671
	Jul 2018	827	-16	25	800	0	800	13.0	641.50	1658
	Aug 2018	770	-12	23	735	0	735	12.0	641.50	1658
	Sep 2018	699	-11	18	710	0	710	11.9	640.01	1617
	WY 2018	9711	-166	197	9282	66	9347			
	Oct 2018	492	-4	15	657	0	657	10.7	633.00	1434
	Nov 2018	637	-11	10	564	0	564	9.5	635.00	1486
	Dec 2018	595	-10	9	479	0	479	7.8	638.71	1583
	Jan 2019	674	-19	10	562	0	562	9.1	641.80	1666
	Feb 2019	638	-16	10	613	0	613	11.0	641.80	1666
	Mar 2019	1013	-16	13	949	0	949	15.4	643.05	1700

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 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)
*	Apr 2016	979	18	11	689	11.6	93	169	448.89	597	202	3.4
H	May 2016	903	13	13	636	10.3	97	176	448.08	581	97	1.6
I	Jun 2016	838	18	15	633	10.6	95	89	448.81	596	92	1.5
S	Jul 2016	803	20	17	617	10.0	100	74	449.03	600	102	1.7
T	Aug 2016	714	23	17	570	9.3	85	65	448.50	590	99	1.6
O	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	
R	Oct 2016	640	36	12	466	7.6	80	133	446.90	559	61	1.0
I	Nov 2016	574	21	9	374	6.3	78	140	446.33	549	97	1.6
C	Dec 2016	482	26	7	271	4.4	86	118	447.64	573	112	1.8
A	Jan 2017	408	33	6	244	4.0	68	126	447.29	567	126	2.1
L	Feb 2017	486	15	8	393	7.1	13	62	448.30	586	160	2.9
*	Mar 2017	844	11	9	687	11.2	24	136	447.83	577	203	3.3
	Apr 2017	938	19	11	735	12.4	41	155	448.00	580	181	3.0
	May 2017	863	15	13	635	10.3	44	165	448.50	589	104	1.7
	Jun 2017	810	15	16	667	11.2	41	85	448.70	593	105	1.8
	Jul 2017	763	26	17	644	10.5	57	72	448.00	580	111	1.8
	Aug 2017	692	25	17	570	9.3	57	72	447.50	571	100	1.6
	Sep 2017	809	20	15	523	8.8	105	177	447.50	570	89	1.5
	WY 2017	8309	262	140	6210		693	1443			1449	
	Oct 2017	777	28	12	499	8.1	107	179	447.50	571	74	1.2
	Nov 2017	697	19	9	418	7.0	105	179	447.50	571	119	2.0
	Dec 2017	609	19	7	350	5.7	107	179	446.50	552	134	2.2
	Jan 2018	608	17	6	361	5.9	96	157	446.50	552	138	2.2
	Feb 2018	585	10	8	477	8.6	30	73	446.50	552	160	2.9
	Mar 2018	975	7	9	713	11.6	96	152	446.70	555	198	3.2
	Apr 2018	1064	19	11	745	12.5	94	184	448.70	593	175	2.9
	May 2018	935	15	13	640	10.4	96	189	448.70	593	104	1.7
	Jun 2018	851	15	16	671	11.3	94	73	448.70	593	105	1.8
	Jul 2018	800	26	17	639	10.4	96	73	448.00	580	111	1.8
	Aug 2018	735	25	17	573	9.3	96	73	447.50	571	100	1.6
	Sep 2018	710	20	15	510	8.6	39	157	447.50	570	89	1.5
	WY 2018	9347	220	139	6596		1056	1669			1507	
	Oct 2018	657	28	12	486	7.9	32	147	447.50	571	74	1.2
	Nov 2018	564	19	9	390	6.5	32	147	447.50	571	116	1.9
	Dec 2018	479	19	7	326	5.3	32	147	446.50	552	131	2.1
	Jan 2019	562	17	6	358	5.8	105	107	446.50	552	134	2.2
	Feb 2019	613	10	8	472	8.5	36	100	446.50	552	155	2.8
	Mar 2019	949	7	9	705	11.5	105	125	446.70	555	191	3.1

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 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
*	Apr 2016	1055	17.7	1076.13	9693	-355	429.37	1244.0	413.9	80	392.2
H	May 2016	887	14.4	1073.80	9504	-189	426.83	1164.0	343.6	74	387.5
I	Jun 2016	920	15.5	1071.64	9330	-174	425.27	1528.0	349.7	100	380.2
S	Jul 2016	831	13.5	1072.75	9419	89	427.46	1528.0	311.5	100	374.8
T	Aug 2016	701	11.4	1075.17	9615	196	431.00	1549.0	265.2	100	378.4
O	Sep 2016	702	11.8	1075.23	9620	5	429.97	1539.0	266.3	100	379.1
WY 2016		9293							3596.9		
R	Oct 2016	518	8.4	1076.34	9710	90	438.10	1335.0	195.2	87	377.1
I	Nov 2016	751	12.6	1076.55	9727	17	427.42	1072.0	290.6	80	386.7
C	Dec 2016	542	8.8	1080.82	10079	352	438.26	1103.0	207.3	71	382.3
A	Jan 2017	500	8.1	1086.08	10521	442	442.12	857.0	192.4	55	384.9
L	Feb 2017	488	8.8	1089.78	10838	317	446.75	938.0	190.4	58	390.4
*	Mar 2017	911	14.8	1088.26	10707	-131	440.44	1291.1	362.0	79	397.2
	Apr 2017	956	16.1	1084.15	10358	-349	435.07	1227.0	377.2	76	394.7
	May 2017	898	14.6	1080.75	10073	-285	431.07	1251.0	351.1	80	391.2
	Jun 2017	826	13.9	1079.01	9929	-144	426.73	1549.0	321.9	100	389.8
	Jul 2017	791	12.9	1079.41	9962	33	426.55	1550.0	305.9	100	386.7
	Aug 2017	727	11.8	1081.76	10158	195	428.08	1562.0	279.5	100	384.4
	Sep 2017	798	13.4	1080.46	10049	-108	429.09	1562.0	311.7	100	390.6
WY 2017		8705							3385.1		
	Oct 2017	613	10.0	1080.74	10073	23	433.46	1166.9	239.2	74	390.5
	Nov 2017	770	12.9	1079.21	9946	-127	435.89	1050.9	308.7	67	400.8
	Dec 2017	726	11.8	1079.18	9943	-3	433.75	980.0	287.3	63	396.0
	Jan 2018	720	11.7	1081.07	10100	157	432.42	991.0	283.8	63	394.4
	Feb 2018	611	11.0	1083.12	10271	171	433.38	996.9	239.5	63	392.1
	Mar 2018	1039	16.9	1080.30	10036	-235	432.54	994.0	416.8	63	401.1
	Apr 2018	1099	18.5	1075.50	9641	-394	429.05	878.1	447.2	57	406.9
	May 2018	970	15.8	1071.85	9347	-294	421.54	1345.0	372.9	88	384.4
	Jun 2018	867	14.6	1069.62	9169	-178	417.67	1518.0	325.4	100	375.3
	Jul 2018	827	13.5	1069.71	9176	7	417.10	1518.0	314.3	100	379.9
	Aug 2018	770	12.5	1071.62	9328	152	418.25	1528.0	291.4	100	378.2
	Sep 2018	699	11.7	1071.50	9319	-10	419.62	1601.8	263.4	100	376.8
WY 2018		9711							3789.9		
	Oct 2018	492	8.0	1073.31	9464	146	425.31	1196.9	190.0	74	385.9
	Nov 2018	637	10.7	1073.46	9476	12	429.34	1081.7	246.0	67	386.1
	Dec 2018	595	9.7	1074.95	9597	121	428.78	1012.3	230.8	63	387.6
	Jan 2019	674	11.0	1077.33	9791	194	428.46	1031.7	261.4	63	387.7
	Feb 2019	638	11.5	1078.93	9922	131	429.44	1044.9	249.5	63	390.9
	Mar 2019	1013	16.5	1076.41	9716	-206	428.53	1051.1	401.1	63	395.9

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 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
*	Apr 2016	979	16.4	644.70	1746	42	143.66	255.0	125.4	100	128.2
H	May 2016	903	14.7	643.07	1701	-45	141.63	252.5	115.5	99	127.8
I	Jun 2016	838	14.1	644.53	1741	40	143.17	255.0	107.4	100	128.1
S	Jul 2016	803	13.1	643.75	1719	-22	144.39	252.5	103.3	99	128.6
T	Aug 2016	714	11.6	642.00	1671	-48	142.46	255.0	91.6	100	128.4
O	Sep 2016	711	11.9	640.34	1627	-45	138.91	255.0	90.5	100	127.3
WY 2016		8879							1129.0		
R	Oct 2016	640	10.4	634.86	1482	-144	135.70	201.5	79.3	79	123.8
I	Nov 2016	574	9.6	640.09	1620	138	140.91	170.9	71.1	67	123.8
C	Dec 2016	482	7.8	641.31	1653	33	138.48	168.3	61.4	66	127.3
A	Jan 2017	408	6.6	643.47	1712	59	143.95	164.5	54.6	65	133.8
L	Feb 2017	486	8.7	642.70	1690	-21	141.54	162.1	63.8	64	131.4
*	Mar 2017	844	13.7	643.70	1718	28	141.08	194.1	109.6	76	129.9
	Apr 2017	938	15.8	643.00	1699	-19	137.01	231.2	117.6	91	125.4
	May 2017	863	14.0	643.00	1699	0	136.04	255.0	108.4	100	125.6
	Jun 2017	810	13.6	642.00	1671	-27	135.51	255.0	101.5	100	125.3
	Jul 2017	763	12.4	641.50	1658	-14	134.73	255.0	95.4	100	125.0
	Aug 2017	692	11.3	641.50	1658	0	134.46	255.0	86.6	100	125.2
	Sep 2017	809	13.6	640.01	1617	-40	133.68	255.0	100.1	100	123.7
WY 2017		8309							1049.3		
	Oct 2017	777	12.6	633.00	1434	-183	130.74	202.3	93.4	79	120.2
	Nov 2017	697	11.7	635.00	1486	51	129.19	170.0	82.5	67	118.3
	Dec 2017	609	9.9	638.71	1583	97	132.25	167.8	74.0	66	121.5
	Jan 2018	608	9.9	641.80	1666	83	135.80	167.8	75.7	66	124.6
	Feb 2018	585	10.5	641.80	1666	0	137.35	167.8	73.6	66	125.7
	Mar 2018	975	15.9	643.05	1700	34	137.98	167.8	121.4	66	124.5
	Apr 2018	998	16.8	643.00	1699	-2	138.33	167.8	124.5	66	124.8
	May 2018	935	15.2	643.00	1699	0	138.56	167.8	117.1	66	125.2
	Jun 2018	851	14.3	642.00	1671	-27	138.05	167.8	106.5	66	125.0
	Jul 2018	800	13.0	641.50	1658	-14	137.30	167.8	99.8	66	124.8
	Aug 2018	735	12.0	641.50	1658	0	137.05	167.8	91.9	66	124.9
	Sep 2018	710	11.9	640.01	1617	-40	133.68	255.0	88.2	100	124.3
WY 2018		9282							1148.5		
	Oct 2018	657	10.7	633.00	1434	-183	130.74	202.3	79.4	79	120.9
	Nov 2018	564	9.5	635.00	1486	51	129.19	170.0	67.2	67	119.1
	Dec 2018	479	7.8	638.71	1583	97	132.25	167.8	58.6	66	122.3
	Jan 2019	562	9.1	641.80	1666	83	134.43	210.6	70.2	83	124.8
	Feb 2019	613	11.0	641.80	1666	0	136.73	187.6	76.9	74	125.5
	Mar 2019	949	15.4	643.05	1700	34	137.26	190.8	118.3	75	124.6

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 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
*	Apr 2016	689	11.6	448.89	597	28	83.09	120.0	48.4	100	70.3
H	May 2016	636	10.3	448.08	581	-15	82.13	120.0	45.1	100	70.9
I	Jun 2016	633	10.6	448.81	596	14	83.02	120.0	44.8	100	70.8
S	Jul 2016	617	10.0	449.03	600	4	83.16	120.0	43.7	100	70.9
T	Aug 2016	570	9.3	448.50	590	-10	82.60	120.0	40.2	100	70.7
O	Sep 2016	490	8.2	447.97	579	-10	82.24	120.0	34.7	100	70.9
WY 2016		6345							447.6		
R	Oct 2016	466	7.6	446.90	559	-20	78.88	93.6	32.8	78	70.5
I	Nov 2016	374	6.3	446.33	549	-11	80.55	90.0	26.0	75	69.6
C	Dec 2016	271	4.4	447.64	573	24	83.20	117.6	17.9	98	65.9
A	Jan 2017	244	4.0	447.29	567	-6	81.95	93.9	16.2	78	66.5
L	Feb 2017	393	7.1	448.30	586	19	82.67	90.0	27.9	75	71.0
*	Mar 2017	687	11.2	447.83	577	-9	79.98	90.0	48.8	75	71.1
	Apr 2017	735	12.4	448.00	580	3	75.29	120.0	48.6	100	66.0
	May 2017	635	10.3	448.50	589	9	75.61	120.0	41.8	100	65.9
	Jun 2017	667	11.2	448.70	593	4	75.95	120.0	44.3	100	66.4
	Jul 2017	644	10.5	448.00	580	-13	75.71	120.0	42.5	100	66.0
	Aug 2017	570	9.3	447.50	571	-9	75.13	120.0	37.3	100	65.3
	Sep 2017	523	8.8	447.50	570	0	75.69	102.0	34.4	85	65.8
WY 2017		6210							418.6		
	Oct 2017	499	8.1	447.50	571	0	74.97	118.1	32.4	98	64.9
	Nov 2017	418	7.0	447.50	571	0	75.93	97.0	27.3	81	65.3
	Dec 2017	350	5.7	446.50	552	-19	74.40	120.0	22.2	100	63.4
	Jan 2018	361	5.9	446.50	552	0	74.88	98.7	23.1	82	64.0
	Feb 2018	477	8.6	446.50	552	0	75.04	95.4	31.2	79	65.3
	Mar 2018	713	11.6	446.70	555	4	74.01	120.0	46.3	100	65.0
	Apr 2018	745	12.5	448.70	593	38	75.08	120.0	49.1	100	65.9
	May 2018	640	10.4	448.70	593	0	76.05	120.0	42.4	100	66.3
	Jun 2018	671	11.3	448.70	593	0	76.05	120.0	44.6	100	66.5
	Jul 2018	639	10.4	448.00	580	-13	75.71	120.0	42.2	100	66.0
	Aug 2018	573	9.3	447.50	571	-9	75.13	120.0	37.5	100	65.4
	Sep 2018	510	8.6	447.50	570	0	75.73	101.0	33.5	84	65.8
WY 2018		6596							431.8		
	Oct 2018	486	7.9	447.50	571	0	75.01	117.1	31.5	98	64.9
	Nov 2018	390	6.5	447.50	571	0	75.83	99.0	25.3	83	65.0
	Dec 2018	326	5.3	446.50	552	-19	74.40	120.0	20.6	100	63.2
	Jan 2019	358	5.8	446.50	552	0	75.02	95.8	22.9	80	64.1
	Feb 2019	472	8.5	446.50	552	0	75.21	92.1	30.9	77	65.5
	Mar 2019	705	11.5	446.70	555	4	74.05	119.0	45.8	99	65.0

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2017 24-Month Study

Minimum 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
* Apr 2016	288	19	18	25	16	4
H May 2016	305	20	38	61	21	7
I Jun 2016	360	105	14	18	15	9
S Jul 2016	435	46	34	40	22	6
T Aug 2016	408	44	33	39	22	6
O Sep 2016	315	42	30	36	20	3
Summer 2016	2111	276	166	218	116	34
R Oct 2016	269	33	26	33	19	0
I Nov 2016	277	30	9	11	6	0
C Dec 2016	395	41	10	11	6	0
A Jan 2017	385	43	10	11	5	0
L Feb 2017	307	43	13	19	10	0
* Mar 2017	312	97	19	22	0	0
Winter 2017	1945	289	87	107	46	0
Apr 2017	245	101	18	24	15	7
May 2017	262	104	61	110	23	6
Jun 2017	311	52	37	57	22	8
Jul 2017	357	49	29	38	21	10
Aug 2017	376	49	33	40	21	10
Sep 2017	279	48	29	35	18	6
Summer 2017	1830	404	206	304	120	46
Oct 2017	266	49	18	22	12	5
Nov 2017	265	47	15	19	10	4
Dec 2017	297	49	25	32	16	4
Jan 2018	353	49	13	16	9	4
Feb 2018	306	44	8	11	6	3
Mar 2018	325	48	10	13	7	4
Winter 2018	1812	286	89	113	59	25
Apr 2018	288	47	13	20	11	4
May 2018	289	66	47	63	23	4
Jun 2018	308	29	19	27	16	5
Jul 2018	350	25	26	31	16	6
Aug 2018	367	25	25	31	16	8
Sep 2018	271	24	22	27	14	5
Summer 2018	1873	215	152	201	97	31
Oct 2018	259	25	13	17	9	5
Nov 2018	257	24	5	7	4	5
Dec 2018	287	25	12	15	8	5
Jan 2019	341	25	16	20	11	5
Feb 2019	296	22	13	17	9	4
Mar 2019	313	25	13	18	10	5
Winter 2019	1439	119	58	76	41	24

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 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****								****EFFECTIVE SPACE****										
Apr 2017	717	258	236	12958	14168	16670	30838	647	184	29	860	12958	16670	30488	1500	956	0	30.0
May 2017	975	202	134	12433	13744	17019	30763	908	134	-91	950	12433	17019	30402	1500	898	0	31.4
Jun 2017	931	280	214	10717	12143	17304	29447	852	204	-43	1013	10717	17304	29034	1500	826	0	33.0
Jul 2017	370	108	309	9519	10306	17448	27754	263	18	5	286	9519	17448	27253	1500	791	0	33.3
								****CREDITABLE SPACE****										
Aug 2017	131	88	353	9507	10079	17415	27494	131	88	353	572	9507	17415	27494	1500	727	0	33.0
Sep 2017	151	118	402	9867	10539	17219	27758	151	118	402	672	9867	17219	27758	2270	798	0	32.5
Oct 2017	232	167	433	10073	10905	17328	28233	232	167	433	832	10073	17328	28233	3040	613	0	32.0
Nov 2017	331	188	445	10250	11215	17304	28519	331	188	445	964	10250	17304	28519	3810	770	0	31.7
Dec 2017	419	209	450	10390	11468	17431	28899	419	209	450	1078	10390	17431	28899	4580	726	0	31.3
Jan 2018	523	268	458	10623	11871	17434	29305	523	268	458	1249	10623	17434	29305	5350	720	0	31.1
								****EFFECTIVE SPACE****										
Jan 2018	523	268	458	10623	11871	17434	29305	-98	79	339	320	10623	17434	28376	5350	720	0	31.1
Feb 2018	620	286	472	11006	12383	17277	29660	0	98	352	450	11006	17277	28733	1500	611	0	30.9
Mar 2018	701	289	477	11284	12750	17106	29856	80	103	356	540	11284	17106	28930	1500	1039	0	30.4
Apr 2018	749	286	441	11495	12972	17341	30313	126	102	314	543	11495	17341	29379	1500	1099	0	30.1
May 2018	784	271	402	11525	12982	17736	30718	158	85	252	495	11525	17736	29755	1500	970	0	30.6
Jun 2018	807	281	295	10815	12197	18030	30227	175	90	106	372	10815	18030	29216	1500	867	0	31.2
Jul 2018	683	178	243	10301	11404	18208	29611	39	-23	-1	15	10301	18208	28523	1500	827	0	30.7
								****CREDITABLE SPACE****										
Aug 2018	659	191	305	10707	11862	18201	30063	659	191	305	1155	10707	18201	30063	1500	770	0	30.2
Sep 2018	694	219	364	11226	12503	18049	30552	694	219	364	1277	11226	18049	30552	2270	699	0	29.7
Oct 2018	739	255	396	11514	12904	18058	30962	739	255	396	1390	11514	18058	30962	3040	492	0	29.4
Nov 2018	773	267	404	11757	13200	17913	31113	773	267	404	1443	11757	17913	31113	3810	637	0	29.2
Dec 2018	794	253	405	11967	13419	17901	31320	794	253	405	1453	11967	17901	31320	4580	595	0	29.0
Jan 2019	829	266	410	12279	13784	17780	31563	829	266	410	1505	12279	17780	31563	5350	674	0	28.8
								****EFFECTIVE SPACE****										
Jan 2019	829	266	410	12279	13784	17780	31563	528	251	410	1189	12279	17780	31248	5350	674	0	28.8
Feb 2019	858	295	423	12687	14263	17586	31849	555	281	423	1259	12687	17586	31532	1500	638	0	28.6
Mar 2019	878	314	425	12992	14608	17455	32063	572	302	425	1298	12992	17455	31746	1500	1013	0	28.3

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

Model Run ID: 3032

Processed On: 4/13/2017 1:01:33PM