

To: All Annual Operating Plan Recipients

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



In addition to the April 2018 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/2018/April-Chart.pdf>.

The water year 2018 unregulated inflow into Lake Powell under the April Probable Maximum inflow scenario is 7.76 maf, or 72 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 2018. With the Probable Maximum inflow forecast, the Probable Maximum 24-Month Study results in a projected annual release volume from Glen Canyon Dam of 9.00 maf in water years 2018 and 2019.

The Interim Guidelines are available for download at <https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf>.
The April 2018 Most Probable 24-Month Study is available for download at <https://www.usbr.gov/lc/region/g4000/24mo/2018/APR18.pdf>.

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2018 24-Month Study

Maximum Probable Inflow*

Fontenelle Reservoir



	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2017	225	1	0	304	304	6472.17	128
H	May 2017	430	1	54	373	427	6472.55	129
I	Jun 2017	732	2	74	469	543	6502.49	317
S	Jul 2017	332	3	88	230	319	6503.83	328
T	Aug 2017	102	2	95	61	156	6496.34	271
O	Sep 2017	66	2	69	4	72	6495.21	263
	WY 2017	2319	15	379	1890	2270		
R	Oct 2017	73	1	80	0	80	6494.03	255
I	Nov 2017	62	1	78	0	78	6491.65	238
C	Dec 2017	46	1	72	8	80	6486.39	204
A	Jan 2018	42	1	79	1	80	6479.83	165
L	Feb 2018	38	0	72	0	72	6472.86	131
*	Mar 2018	58	0	16	56	71	6469.78	117
	Apr 2018	127	1	94	6	100	6475.64	145
	May 2018	244	1	100	120	220	6480.05	167
	Jun 2018	445	2	99	301	400	6487.25	210
	Jul 2018	264	3	107	20	127	6505.88	345
	Aug 2018	106	2	98	12	110	6505.08	338
	Sep 2018	59	2	78	0	78	6502.38	317
	WY 2018	1564	15	973	525	1496		
	Oct 2018	57	1	80	0	80	6499.22	293
	Nov 2018	48	1	78	0	78	6495.00	262
	Dec 2018	35	1	80	0	80	6488.17	216
	Jan 2019	34	1	80	0	80	6480.44	169
	Feb 2019	30	0	78	0	78	6470.50	121
	Mar 2019	59	0	65	0	65	6468.94	115
	Apr 2019	102	1	63	0	63	6477.40	153
	May 2019	212	2	104	6	110	6493.88	255
	Jun 2019	389	3	100	200	300	6505.41	341
	Jul 2019	240	3	99	141	240	6505.01	338
	Aug 2019	101	2	101	29	130	6500.92	306
	Sep 2019	57	2	70	0	70	6498.90	291
	WY 2019	1363	16	997	377	1374		
	Oct 2019	56	1	73	0	73	6496.32	272
	Nov 2019	46	1	70	0	70	6492.77	247
	Dec 2019	32	1	70	0	70	6486.91	208
	Jan 2020	30	1	70	0	70	6480.16	168
	Feb 2020	28	0	66	0	66	6472.32	129
	Mar 2020	53	0	70	0	70	6468.11	111

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2018 24-Month Study

Maximum 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 2017	350	428	5	268	244	511	124	6022.93	3084	745
H	May 2017	582	580	8	278	171	449	129	6026.15	3203	857
I	Jun 2017	895	705	11	263	223	486	137	6031.41	3404	859
S	Jul 2017	387	374	14	180	48	228	142	6034.61	3531	315
T	Aug 2017	120	174	13	143	0	143	143	6035.05	3548	173
O	Sep 2017	87	93	11	141	0	141	140	6033.63	3491	161
	WY 2017	3153	3104	81	2016	712	2728				4225
R	Oct 2017	88	95	8	107	0	107	140	6033.17	3473	155
I	Nov 2017	82	98	4	139	0	139	138	6032.07	3430	171
C	Dec 2017	52	86	2	174	0	174	135	6029.85	3343	202
A	Jan 2018	52	90	2	175	0	175	131	6027.65	3259	209
L	Feb 2018	57	91	2	155	1	157	129	6025.91	3194	197
*	Mar 2018	86	99	3	106	0	106	128	6025.65	3184	178
	Apr 2018	177	150	5	104	0	104	130	6026.71	3224	284
	May 2018	326	302	8	229	0	229	132	6028.37	3287	674
	Jun 2018	518	473	11	283	68	351	137	6031.14	3393	702
	Jul 2018	279	142	14	118	0	118	137	6031.39	3403	202
	Aug 2018	114	119	13	118	0	118	136	6031.08	3391	143
	Sep 2018	69	88	11	115	0	115	135	6030.15	3355	135
	WY 2018	1901	1833	82	1824	69	1893				3252
	Oct 2018	72	95	7	118	0	118	134	6029.37	3325	158
	Nov 2018	60	90	3	115	0	115	133	6028.66	3298	151
	Dec 2018	39	85	2	118	0	118	131	6027.77	3264	146
	Jan 2019	45	92	2	118	0	118	130	6027.05	3237	146
	Feb 2019	49	97	2	107	0	107	130	6026.74	3225	138
	Mar 2019	115	121	3	118	0	118	130	6026.73	3225	207
	Apr 2019	164	125	5	115	0	115	130	6026.87	3230	375
	May 2019	323	221	8	234	0	234	129	6026.33	3210	891
	Jun 2019	523	434	10	282	61	343	132	6028.38	3287	910
	Jul 2019	291	292	14	111	0	111	139	6032.52	3447	256
	Aug 2019	119	149	13	111	0	111	140	6033.12	3471	145
	Sep 2019	70	83	12	108	0	108	138	6032.24	3436	132
	WY 2019	1872	1883	81	1656	61	1717				3656
	Oct 2019	69	87	8	111	0	111	137	6031.46	3406	150
	Nov 2019	55	80	4	108	0	108	136	6030.68	3375	142
	Dec 2019	35	73	2	111	0	111	134	6029.68	3337	137
	Jan 2020	40	80	2	111	0	111	133	6028.85	3305	136
	Feb 2020	45	82	2	104	0	104	132	6028.25	3282	132
	Mar 2020	102	120	3	111	0	111	132	6028.39	3287	188

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2018 24-Month Study

Maximum Probable Inflow*

Taylor Park Reservoir



	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2017	13	9	9312.04	73
H	May 2017	30	19	9318.55	84
I	Jun 2017	62	45	9327.76	102
S	Jul 2017	24	26	9326.95	100
T	Aug 2017	12	25	9320.31	88
O	Sep 2017	8	18	9314.58	77
	WY 2017	179	173		
R	Oct 2017	8	8	9314.93	78
I	Nov 2017	6	6	9315.09	78
C	Dec 2017	4	6	9313.84	76
A	Jan 2018	4	6	9312.64	74
L	Feb 2018	4	6	9311.50	72
*	Mar 2018	5	6	9310.51	71
	Apr 2018	6	6	9310.51	71
	May 2018	10	10	9310.20	70
	Jun 2018	15	17	9308.57	68
	Jul 2018	18	18	9308.57	68
	Aug 2018	15	15	9308.57	68
	Sep 2018	14	14	9308.57	68
	WY 2018	110	120		
	Oct 2018	6	6	9308.67	68
	Nov 2018	5	6	9307.76	66
	Dec 2018	5	6	9306.95	65
	Jan 2019	5	6	9306.12	64
	Feb 2019	4	6	9304.97	62
	Mar 2019	5	6	9304.12	61
	Apr 2019	10	6	9306.81	65
	May 2019	16	18	9305.14	62
	Jun 2019	21	30	9298.73	53
	Jul 2019	24	20	9301.31	57
	Aug 2019	20	10	9307.80	66
	Sep 2019	15	8	9312.20	73
	WY 2019	134	128		
	Oct 2019	7	8	9311.59	72
	Nov 2019	5	8	9309.75	69
	Dec 2019	5	8	9307.96	67
	Jan 2020	5	8	9306.12	64
	Feb 2020	5	8	9303.95	61
	Mar 2020	5	8	9301.99	58

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2018 24-Month Study

Maximum 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 2017	145	140	1	53	0	53	7499.55	658
H	May 2017	244	233	1	151	65	293	7491.98	597
I	Jun 2017	392	373	1	139	35	175	7515.35	793
S	Jul 2017	135	137	2	113	0	110	7518.20	819
T	Aug 2017	84	96	1	111	0	111	7516.38	802
O	Sep 2017	35	45	1	115	0	114	7508.43	732
	WY 2017	1245	1238	9	987	101	1163		
R	Oct 2017	37	37	1	102	0	102	7500.64	667
I	Nov 2017	32	32	0	40	0	40	7499.68	659
C	Dec 2017	25	27	0	93	0	93	7491.44	593
A	Jan 2018	20	22	0	60	0	60	7486.51	554
L	Feb 2018	23	25	0	32	0	32	7485.54	547
*	Mar 2018	28	29	0	43	0	43	7483.73	534
	Apr 2018	57	57	1	76	0	76	7481.13	514
	May 2018	164	164	1	127	0	127	7485.91	550
	Jun 2018	193	196	1	83	0	83	7500.05	662
	Jul 2018	86	86	1	97	0	97	7498.60	650
	Aug 2018	55	55	1	97	0	97	7493.25	607
	Sep 2018	38	38	1	67	0	67	7489.54	578
	WY 2018	759	769	8	915	0	915		
	Oct 2018	44	44	1	39	0	39	7490.08	582
	Nov 2018	34	35	0	13	0	13	7492.83	604
	Dec 2018	27	29	0	39	0	39	7491.54	593
	Jan 2019	26	27	0	42	0	42	7489.63	578
	Feb 2019	24	25	0	38	0	38	7488.01	566
	Mar 2019	39	41	0	44	0	44	7487.55	562
	Apr 2019	93	89	1	58	0	58	7491.38	592
	May 2019	276	278	1	166	0	166	7505.07	704
	Jun 2019	338	347	1	206	25	232	7518.06	818
	Jul 2019	152	148	2	139	0	139	7518.94	826
	Aug 2019	78	69	1	106	0	106	7514.69	787
	Sep 2019	45	38	1	106	0	106	7506.86	719
	WY 2019	1176	1170	9	994	25	1020		
	Oct 2019	43	44	1	65	0	65	7504.30	697
	Nov 2019	32	35	0	63	0	63	7500.97	669
	Dec 2019	26	28	0	113	0	113	7490.41	585
	Jan 2020	24	27	0	72	0	72	7484.54	540
	Feb 2020	22	26	0	51	0	51	7481.08	514
	Mar 2020	36	39	0	33	0	33	7481.83	519

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2018 24-Month Study

Maximum 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 2017	157	53	12	66	65	0	65	7149.64	109
H	May 2017	263	293	19	312	203	0	312	7149.70	109
I	Jun 2017	411	175	19	195	184	0	193	7151.34	110
S	Jul 2017	139	110	4	114	37	0	111	7155.13	113
T	Aug 2017	86	111	2	113	0	0	115	7152.68	111
O	Sep 2017	35	114	0	115	92	0	112	7155.62	114
	WY 2017	1314	1163	69	1232	893	0	1226		
R	Oct 2017	38	102	1	103	105	0	105	7153.17	112
I	Nov 2017	34	40	1	41	42	0	42	7152.45	111
C	Dec 2017	26	93	1	94	94	0	94	7152.45	111
A	Jan 2018	22	60	2	62	62	0	63	7150.65	110
L	Feb 2018	24	32	1	33	34	0	34	7149.19	108
*	Mar 2018	29	43	1	44	49	0	49	7143.05	104
	Apr 2018	63	76	6	82	74	0	74	7153.73	112
	May 2018	177	127	14	141	141	0	141	7153.73	112
	Jun 2018	201	83	8	91	91	0	91	7153.73	112
	Jul 2018	88	97	2	99	99	0	99	7153.73	112
	Aug 2018	57	97	2	99	99	0	99	7153.73	112
	Sep 2018	41	67	2	69	69	0	69	7153.73	112
	WY 2018	801	915	42	957	957	0	958		
	Oct 2018	46	39	3	42	42	0	42	7153.73	112
	Nov 2018	36	13	2	16	16	0	16	7153.73	112
	Dec 2018	30	39	2	41	41	0	41	7153.73	112
	Jan 2019	28	42	2	44	44	0	44	7153.73	112
	Feb 2019	26	38	3	40	40	0	40	7153.73	112
	Mar 2019	44	44	4	48	48	0	48	7153.73	112
	Apr 2019	106	58	13	71	71	0	71	7153.73	112
	May 2019	308	166	32	198	198	0	198	7153.73	112
	Jun 2019	366	232	28	260	260	0	260	7153.73	112
	Jul 2019	159	139	7	146	146	0	146	7153.73	112
	Aug 2019	82	106	4	110	110	0	110	7153.73	112
	Sep 2019	48	106	3	109	109	0	109	7153.73	112
	WY 2019	1280	1020	104	1124	1124	0	1124		
	Oct 2019	45	65	3	68	68	0	68	7153.73	112
	Nov 2019	34	63	2	65	65	0	65	7153.73	112
	Dec 2019	28	113	2	115	115	0	115	7153.73	112
	Jan 2020	27	72	2	74	74	0	74	7153.73	112
	Feb 2020	25	51	3	54	54	0	54	7153.73	112
	Mar 2020	40	33	4	37	37	0	37	7153.73	112

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2018 24-Month Study

Maximum Probable Inflow*

Crystal Reservoir



		Unreg Inflow	Morrow Release	Side Inflow	Total Inflow	Power Release	Bypass Release	Total Release	Reservoir Elev End of Month	Live Storage	Tunnel Flow	Below Tunnel Flow
	Date	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)
*	Apr 2017	167	65	10	75	31	44	75	6751.65	17	39	38
H	May 2017	285	312	22	334	86	73	331	6759.83	19	62	270
I	Jun 2017	446	193	36	229	44	127	231	6751.78	17	61	172
S	Jul 2017	148	111	8	119	96	25	121	6746.24	15	63	60
T	Aug 2017	89	115	3	119	119	0	119	6744.79	15	62	58
O	Sep 2017	39	112	4	116	115	0	115	6748.63	16	59	56
	WY 2017	1423	1226	109	1335	751	350	1334			413	929
R	Oct 2017	43	105	5	110	109	0	109	6751.20	16	55	53
I	Nov 2017	38	42	4	46	46	0	46	6749.89	16	1	46
C	Dec 2017	29	94	3	97	97	0	97	6749.23	16	1	98
A	Jan 2018	25	63	3	66	62	4	66	6747.99	16	1	66
L	Feb 2018	27	34	3	37	16	20	36	6750.06	16	0	36
*	Mar 2018	33	49	4	52	53	0	53	6747.97	16	13	39
	Apr 2018	69	74	6	79	78	0	78	6753.04	17	42	36
	May 2018	192	141	15	156	134	22	156	6753.04	17	62	94
	Jun 2018	215	91	14	105	105	0	105	6753.04	17	61	44
	Jul 2018	94	99	6	105	105	0	105	6753.04	17	63	42
	Aug 2018	63	99	5	105	105	0	105	6753.04	17	65	40
	Sep 2018	46	69	6	74	74	0	74	6753.04	17	55	19
	WY 2018	874	958	73	1031	983	47	1030			419	611
	Oct 2018	53	42	7	49	49	0	49	6753.04	17	30	19
	Nov 2018	41	16	5	21	21	0	21	6753.04	17	0	21
	Dec 2018	35	41	5	46	46	0	46	6753.04	17	0	46
	Jan 2019	33	44	5	49	49	0	49	6753.04	17	0	49
	Feb 2019	30	40	4	44	44	0	44	6753.04	17	0	44
	Mar 2019	51	48	7	55	55	0	55	6753.04	17	5	50
	Apr 2019	121	71	15	86	86	0	86	6753.04	17	42	44
	May 2019	351	198	44	241	134	107	241	6753.04	17	62	179
	Jun 2019	415	260	49	309	130	179	309	6753.04	17	61	248
	Jul 2019	179	146	19	166	134	31	166	6753.04	17	65	101
	Aug 2019	92	110	10	120	120	0	120	6753.04	17	65	55
	Sep 2019	56	109	7	116	116	0	116	6753.04	17	55	61
	WY 2019	1458	1124	178	1302	985	317	1302			385	917
	Oct 2019	52	68	7	74	74	0	74	6753.04	17	30	44
	Nov 2019	39	65	5	70	70	0	70	6753.04	17	0	70
	Dec 2019	32	115	5	120	120	0	120	6753.04	17	0	120
	Jan 2020	31	74	5	79	79	0	79	6753.04	17	0	79
	Feb 2020	29	54	4	58	58	0	58	6753.04	17	0	58
	Mar 2020	46	37	6	43	43	0	43	6753.04	17	5	38

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2018 24-Month Study

Maximum Probable Inflow*

Vallecito Reservoir



	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2017	45	35	7649.82	87
H	May 2017	67	44	7658.86	109
I	Jun 2017	72	57	7664.54	124
S	Jul 2017	30	39	7660.94	115
T	Aug 2017	19	33	7655.15	100
O	Sep 2017	9	34	7644.31	74
	WY 2017	303	297		
R	Oct 2017	9	22	7638.22	61
I	Nov 2017	5	2	7639.49	63
C	Dec 2017	3	1	7640.27	65
A	Jan 2018	3	0	7641.42	67
L	Feb 2018	3	0	7642.57	70
*	Mar 2018	4	0	7644.11	73
	Apr 2018	11	0	7648.52	83
	May 2018	35	30	7650.52	88
	Jun 2018	36	41	7648.02	82
	Jul 2018	14	40	7635.68	55
	Aug 2018	14	37	7622.43	33
	Sep 2018	13	29	7608.52	16
	WY 2018	149	204		
	Oct 2018	16	17	7606.92	15
	Nov 2018	9	2	7613.79	21
	Dec 2018	7	2	7618.24	27
	Jan 2019	6	2	7621.26	31
	Feb 2019	5	2	7623.69	34
	Mar 2019	10	2	7628.82	43
	Apr 2019	28	2	7641.91	68
	May 2019	84	40	7660.09	112
	Jun 2019	91	78	7664.65	124
	Jul 2019	38	45	7661.76	117
	Aug 2019	24	38	7656.12	102
	Sep 2019	21	30	7652.56	93
	WY 2019	338	258		
	Oct 2019	23	17	7654.70	99
	Nov 2019	9	8	7654.91	99
	Dec 2019	6	6	7654.90	99
	Jan 2020	5	5	7654.88	99
	Feb 2020	5	5	7654.91	99
	Mar 2020	9	2	7657.49	106

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2018 24-Month Study

Maximum 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 2017	235	33	193	3	19	33	6078.18	1598	132
H	May 2017	261	45	195	4	25	228	6073.94	1536	323
I	Jun 2017	231	46	166	5	40	259	6063.90	1398	458
S	Jul 2017	49	11	48	4	43	38	6061.00	1361	95
T	Aug 2017	30	5	38	4	35	36	6058.07	1323	57
O	Sep 2017	9	2	33	3	23	42	6055.28	1289	46
	WY 2017	1157	160	991	28	198	785			1422
R	Oct 2017	38	2	49	2	8	32	6055.89	1296	52
I	Nov 2017	19	0	16	1	0	25	6055.04	1286	42
C	Dec 2017	10	0	9	1	0	24	6053.69	1270	41
A	Jan 2018	12	0	9	1	0	23	6052.47	1255	40
L	Feb 2018	14	0	11	1	1	18	6051.73	1246	33
*	Mar 2018	24	2	19	2	6	21	6050.92	1236	29
	Apr 2018	70	10	50	2	20	22	6051.39	1242	44
	May 2018	145	23	117	3	35	22	6056.11	1299	92
	Jun 2018	95	15	85	4	51	23	6056.68	1306	98
	Jul 2018	40	2	65	4	56	22	6055.34	1290	60
	Aug 2018	38	0	60	3	47	23	6054.26	1276	53
	Sep 2018	46	0	63	3	26	21	6055.35	1290	52
	WY 2018	551	54	553	26	250	276			634
	Oct 2018	61	0	63	2	9	22	6057.78	1320	55
	Nov 2018	40	0	33	1	0	21	6058.66	1331	41
	Dec 2018	30	0	25	1	0	22	6058.85	1333	39
	Jan 2019	25	0	21	1	0	22	6058.78	1332	36
	Feb 2019	36	0	33	1	0	19	6059.76	1345	33
	Mar 2019	117	0	109	2	5	26	6065.59	1421	52
	Apr 2019	214	10	178	3	21	50	6073.23	1526	113
	May 2019	347	23	280	4	36	297	6069.16	1469	472
	Jun 2019	306	15	278	4	52	297	6063.53	1393	489
	Jul 2019	96	2	102	4	57	129	6056.58	1305	218
	Aug 2019	59	0	73	3	48	22	6056.59	1305	69
	Sep 2019	58	0	66	3	26	21	6057.91	1321	60
	WY 2019	1389	50	1259	28	254	946			1677
	Oct 2019	58	0	52	2	10	22	6059.45	1341	54
	Nov 2019	35	0	35	1	0	21	6060.46	1354	40
	Dec 2019	25	0	25	1	0	22	6060.69	1357	37
	Jan 2020	22	0	22	1	0	22	6060.66	1356	35
	Feb 2020	30	0	30	1	0	20	6061.36	1365	33
	Mar 2020	92	0	86	2	6	25	6065.45	1419	47

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2018 24-Month Study

Maximum 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)
*	Apr 2017	1608	1494	23	623	0	623	3604.14	5026	12149	629
H	May 2017	2377	2321	29	652	0	652	3619.09	5147	13667	658
I	Jun 2017	3115	2680	51	749	0	749	3634.89	5286	15408	763
S	Jul 2017	1073	889	64	850	0	850	3634.69	5284	15385	875
T	Aug 2017	446	495	63	900	0	900	3630.88	5250	14952	929
O	Sep 2017	196	410	57	663	0	663	3628.31	5227	14664	671
	WY 2017	11905	11396	409	8874	126	9000				9152
R	Oct 2017	449	533	39	640	0	640	3627.09	5216	14530	634
I	Nov 2017	387	454	37	630	0	630	3625.29	5200	14332	619
C	Dec 2017	299	483	29	740	0	740	3622.85	5179	14068	733
A	Jan 2018	262	442	9	860	0	860	3619.14	5147	13672	860
L	Feb 2018	269	387	10	730	0	730	3616.02	5121	13346	748
*	Mar 2018	332	395	16	800	0	800	3612.23	5090	12956	832
	Apr 2018	723	640	25	705	0	705	3611.41	5084	12873	713
	May 2018	1604	1406	30	705	0	705	3617.45	5133	13494	710
	Jun 2018	1826	1543	48	760	0	760	3623.84	5188	14175	762
	Jul 2018	747	635	59	860	0	860	3621.40	5167	13912	871
	Aug 2018	434	512	57	900	0	900	3617.50	5134	13500	913
	Sep 2018	430	504	52	670	0	670	3615.56	5118	13298	686
	WY 2018	7762	7935	410	9000	0	9000				9080
	Oct 2018	634	645	36	640	0	640	3615.28	5115	13269	649
	Nov 2018	537	552	34	640	0	640	3614.19	5106	13156	649
	Dec 2018	409	491	27	720	0	720	3611.87	5087	12919	727
	Jan 2019	409	494	8	860	0	860	3608.43	5060	12573	871
	Feb 2019	446	500	9	750	0	750	3606.01	5040	12333	761
	Mar 2019	775	696	15	800	0	800	3604.90	5032	12224	808
	Apr 2019	1306	1088	24	710	0	710	3608.22	5058	12552	718
	May 2019	3063	2873	31	710	0	710	3627.06	5216	14526	715
	Jun 2019	3564	3336	54	750	0	750	3647.20	5403	16870	752
	Jul 2019	1568	1466	70	850	0	850	3651.28	5444	17375	860
	Aug 2019	694	724	70	900	0	900	3649.45	5425	17147	913
	Sep 2019	493	581	64	670	0	670	3648.30	5414	17005	686
	WY 2019	13897	13447	443	9000	0	9000				9109
	Oct 2019	609	647	45	640	0	640	3648.02	5411	16970	646
	Nov 2019	496	564	43	640	0	640	3647.12	5403	16860	640
	Dec 2019	363	523	34	720	0	720	3645.37	5385	16647	725
	Jan 2020	361	479	11	1230	0	1230	3639.48	5329	15942	1241
	Feb 2020	393	471	11	1080	0	1080	3634.54	5283	15368	1084
	Mar 2020	665	609	18	1150	0	1150	3629.98	5242	14851	1155

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2018 24-Month Study

Maximum 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 2017	623	92	39	961	16.1	20	960	677	1084.89	10420
H	May 2017	652	39	44	917	14.9	29	915	659	1081.56	10141
I	Jun 2017	749	17	53	864	14.5	29	864	648	1079.52	9971
S	Jul 2017	850	89	66	885	14.4	31	885	646	1079.03	9931
T	Aug 2017	900	94	70	683	11.1	28	683	658	1081.44	10131
O	Sep 2017	663	70	58	600	10.1	21	591	662	1082.05	10182
	WY 2017	9000	995	541	8620		236	8591			
R	Oct 2017	640	44	43	596	9.7	23	595	663	1082.30	10202
I	Nov 2017	630	40	42	731	12.3	16	731	656	1080.95	10090
C	Dec 2017	740	43	37	594	9.7	12	593	664	1082.52	10221
A	Jan 2018	860	78	30	449	7.3	10	448	692	1087.50	10642
L	Feb 2018	730	61	28	687	12.4	11	693	696	1088.21	10703
*	Mar 2018	800	71	32	833	13.5	16	832	695	1088.11	10694
	Apr 2018	705	65	39	1002	16.8	23	1002	677	1084.87	10419
	May 2018	705	36	44	1001	16.3	27	1001	657	1081.16	10108
	Jun 2018	760	13	53	906	15.2	33	906	644	1078.69	9903
	Jul 2018	860	83	66	862	14.0	36	862	642	1078.45	9883
	Aug 2018	900	100	70	750	12.2	34	750	651	1080.10	10019
	Sep 2018	670	119	58	779	13.1	27	779	647	1079.25	9949
	WY 2018	9000	753	542	9191		267	9193			
	Oct 2018	640	71	42	579	9.4	28	579	650	1079.95	10007
	Nov 2018	640	70	42	698	11.7	21	698	647	1079.38	9960
	Dec 2018	720	51	36	622	10.1	14	622	653	1080.50	10053
	Jan 2019	860	81	30	602	9.8	12	602	672	1083.83	10331
	Feb 2019	750	82	28	668	12.0	14	668	679	1085.19	10445
	Mar 2019	800	62	31	1039	16.9	21	1039	665	1082.64	10231
	Apr 2019	710	61	38	1042	17.5	23	1042	645	1078.88	9919
	May 2019	710	36	43	951	15.5	27	951	628	1075.73	9660
	Jun 2019	750	15	52	864	14.5	33	864	617	1073.60	9488
	Jul 2019	850	81	65	823	13.4	36	823	617	1073.69	9495
	Aug 2019	900	104	69	724	11.8	34	724	628	1075.74	9661
	Sep 2019	670	127	57	731	12.3	27	731	627	1075.54	9645
	WY 2019	9000	841	534	9341		290	9341			
	Oct 2019	640	69	42	494	8.0	28	494	636	1077.22	9782
	Nov 2019	640	61	42	653	11.0	21	653	635	1077.04	9768
	Dec 2019	720	50	36	577	9.4	14	577	644	1078.67	9901
	Jan 2020	1230	78	30	605	9.8	12	605	684	1086.08	10521
	Feb 2020	1080	93	28	668	11.6	14	668	712	1091.13	10955
	Mar 2020	1150	56	32	1038	16.9	21	1038	719	1092.38	11063

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2018 24-Month Study

Maximum 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 2017	961	-23	17	955	0	955	16.1	642.45	1684
H	May 2017	917	-13	22	846	0	846	13.8	643.74	1719
I	Jun 2017	864	-6	25	853	0	853	14.3	643.01	1699
S	Jul 2017	885	-5	26	809	0	809	13.2	644.65	1744
T	Aug 2017	683	-8	23	707	0	707	11.5	642.64	1689
O	Sep 2017	600	-11	18	656	0	656	11.0	639.47	1603
	WY 2017	8620	-183	199	8261	0	8261			
R	Oct 2017	596	-2	15	671	0	671	10.9	636.00	1512
I	Nov 2017	731	-18	11	595	0	595	10.0	640.07	1619
C	Dec 2017	594	-16	9	552	0	552	9.0	640.68	1636
A	Jan 2018	449	2	10	437	0	437	7.1	640.86	1641
L	Feb 2018	687	-4	10	611	0	611	11.0	643.18	1704
*	Mar 2018	833	-1	13	836	0	836	13.6	642.57	1687
	Apr 2018	1002	-20	17	954	0	954	16.0	643.00	1699
	May 2018	1001	-12	22	967	0	967	15.7	643.00	1699
	Jun 2018	906	-15	25	893	0	893	15.0	642.00	1671
	Jul 2018	862	-15	25	835	0	835	13.6	641.50	1658
	Aug 2018	750	-12	23	716	0	716	11.6	641.50	1658
	Sep 2018	779	-12	18	789	0	789	13.3	640.01	1617
	WY 2018	9191	-126	197	8853	0	8853			
	Oct 2018	579	-4	15	744	0	744	12.1	633.00	1434
	Nov 2018	698	-12	10	624	0	624	10.5	635.00	1486
	Dec 2018	622	-12	9	504	0	504	8.2	638.71	1583
	Jan 2019	602	-19	10	490	0	490	8.0	641.80	1666
	Feb 2019	668	-15	10	643	0	643	11.6	641.80	1666
	Mar 2019	1039	-17	13	974	0	974	15.8	643.05	1700
	Apr 2019	1042	-20	17	1007	0	1007	16.9	643.00	1699
	May 2019	951	-12	22	916	0	916	14.9	643.00	1699
	Jun 2019	864	-15	25	850	0	850	14.3	642.00	1671
	Jul 2019	823	-15	25	796	0	796	12.9	641.50	1658
	Aug 2019	724	-12	23	689	0	689	11.2	641.50	1658
	Sep 2019	731	-12	18	740	0	740	12.4	640.01	1617
	WY 2019	9341	-166	197	8977	0	8977			
	Oct 2019	494	-4	15	658	0	658	10.7	633.00	1434
	Nov 2019	653	-12	10	579	0	579	9.7	635.00	1486
	Dec 2019	577	-12	9	459	0	459	7.5	638.71	1583
	Jan 2020	605	-19	10	493	0	493	8.0	641.80	1666
	Feb 2020	668	-15	10	644	0	644	11.2	641.80	1666
	Mar 2020	1038	-17	13	974	0	974	15.8	643.05	1700

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2018 24-Month Study

Maximum Probable Inflow*

Parker Dam - Lake Havasu



	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Apr 2017	955	13	11	729	12.3	42	160	448.73	594	181	3.0
H	May 2017	846	22	13	634	10.3	44	175	448.31	586	111	1.8
I	Jun 2017	853	0	15	689	11.6	57	79	448.41	588	126	2.1
S	Jul 2017	809	18	17	666	10.8	58	71	448.63	592	131	2.1
T	Aug 2017	707	12	17	570	9.3	58	70	448.28	585	102	1.7
O	Sep 2017	656	16	15	481	8.1	56	134	447.17	564	104	1.7
	WY 2017	8261	220	140	6204		664	1406			1513	
R	Oct 2017	671	9	12	478	7.8	69	131	446.27	548	65	1.1
I	Nov 2017	595	12	9	349	5.9	89	127	447.86	577	99	1.7
C	Dec 2017	552	17	7	335	5.5	100	144	446.80	557	109	1.8
A	Jan 2018	437	3	6	329	5.3	29	90	445.81	539	125	2.0
L	Feb 2018	611	3	8	429	7.7	12	109	448.52	590	145	2.6
*	Mar 2018	836	-3	9	637	10.4	61	139	447.46	570	195	3.2
	Apr 2018	954	16	11	719	12.1	68	162	447.50	570	175	2.9
	May 2018	967	15	13	662	10.8	85	186	448.70	593	119	1.9
	Jun 2018	893	13	16	709	11.9	82	85	448.70	593	127	2.1
	Jul 2018	835	21	17	680	11.1	85	74	448.00	580	135	2.2
	Aug 2018	716	23	17	601	9.8	85	33	447.50	571	104	1.7
	Sep 2018	789	17	15	524	8.8	82	176	447.50	570	96	1.6
	WY 2018	8853	145	139	6452		849	1455			1494	
	Oct 2018	744	23	12	475	7.7	85	188	447.50	571	65	1.1
	Nov 2018	624	16	9	389	6.5	48	188	447.50	571	99	1.7
	Dec 2018	504	18	7	295	4.8	51	183	446.50	552	109	1.8
	Jan 2019	490	21	6	318	5.2	62	121	446.50	552	138	2.2
	Feb 2019	643	11	8	485	8.7	34	121	446.50	552	160	2.9
	Mar 2019	974	7	9	718	11.7	53	189	446.70	555	198	3.2
	Apr 2019	1007	16	11	710	11.9	72	184	448.70	593	175	2.9
	May 2019	916	15	13	642	10.4	74	189	448.70	593	104	1.7
	Jun 2019	850	13	16	683	11.5	72	79	448.70	593	105	1.8
	Jul 2019	796	21	17	647	10.5	74	79	448.00	580	111	1.8
	Aug 2019	689	23	17	589	9.6	74	29	447.50	571	100	1.6
	Sep 2019	740	17	15	509	8.6	72	152	447.50	570	89	1.5
	WY 2019	8977	200	139	6460		771	1702			1453	
	Oct 2019	658	23	12	490	8.0	32	141	447.50	571	74	1.2
	Nov 2019	579	16	9	408	6.9	32	141	447.50	571	116	1.9
	Dec 2019	459	18	7	313	5.1	32	141	446.50	552	131	2.1
	Jan 2020	493	21	6	317	5.2	65	121	446.50	552	138	2.2
	Feb 2020	644	11	8	484	8.4	36	121	446.50	552	160	2.8
	Mar 2020	974	7	9	715	11.6	56	189	446.70	555	198	3.2

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2018 24-Month Study

Maximum Probable Inflow*

Hoover Dam - Lake Mead



	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Apr 2017	961	16.1	1084.89	10420	-287	439.75	1227.0	381.0	76	396.5
H	May 2017	917	14.9	1081.56	10141	-280	434.83	1307.0	360.6	80	393.4
I	Jun 2017	864	14.5	1079.52	9971	-169	433.52	1500.0	335.0	94	387.5
S	Jul 2017	885	14.4	1079.03	9931	-40	432.24	1499.0	341.1	94	385.5
T	Aug 2017	683	11.1	1081.44	10131	200	436.25	1478.1	261.0	93	382.0
O	Sep 2017	600	10.1	1082.05	10182	51	440.10	976.1	230.7	66	384.8
WY 2017		8620							3347.1		
R	Oct 2017	596	9.7	1082.30	10202	21	441.43	976.1	229.0	66	384.2
I	Nov 2017	731	12.3	1080.95	10090	-113	435.01	996.0	287.9	63	393.6
C	Dec 2017	594	9.7	1082.52	10221	131	439.05	821.0	235.7	52	396.6
A	Jan 2018	449	7.3	1087.50	10642	421	442.14	834.0	176.5	51	392.9
L	Feb 2018	687	12.4	1088.21	10703	61	441.97	1220.1	275.0	75	400.3
*	Mar 2018	833	13.5	1088.11	10694	-9	442.23	1005.9	333.9	62	400.8
	Apr 2018	1002	16.8	1084.87	10419	-276	437.90	880.9	411.9	55	411.0
	May 2018	1001	16.3	1081.16	10108	-311	430.09	1478.0	386.2	95	385.7
	Jun 2018	906	15.2	1078.69	9903	-205	426.77	1552.0	349.2	100	385.5
	Jul 2018	862	14.0	1078.45	9883	-20	425.92	1552.0	335.6	100	389.4
	Aug 2018	750	12.2	1080.10	10019	137	426.78	1552.0	288.5	100	384.7
	Sep 2018	779	13.1	1079.25	9949	-70	427.66	1552.0	302.6	100	388.4
WY 2018		9191							3612.1		
	Oct 2018	579	9.4	1079.95	10007	58	433.12	1058.0	225.1	68	388.7
	Nov 2018	698	11.7	1079.38	9960	-47	434.16	1248.0	273.4	80	391.9
	Dec 2018	622	10.1	1080.50	10053	93	433.27	1146.9	243.1	74	391.1
	Jan 2019	602	9.8	1083.83	10331	279	435.04	904.0	237.7	57	394.8
	Feb 2019	668	12.0	1085.19	10445	114	436.32	909.0	267.8	58	400.8
	Mar 2019	1039	16.9	1082.64	10231	-215	434.68	993.0	418.3	64	402.8
	Apr 2019	1042	17.5	1078.88	9919	-312	429.35	1237.0	409.5	80	392.8
	May 2019	951	15.5	1075.73	9660	-258	424.54	1414.0	366.2	94	385.3
	Jun 2019	864	14.5	1073.60	9488	-172	421.57	1499.0	326.9	100	378.6
	Jul 2019	823	13.4	1073.69	9495	7	421.04	1499.0	315.3	100	383.3
	Aug 2019	724	11.8	1075.74	9661	166	422.26	1512.0	274.4	100	379.2
	Sep 2019	731	12.3	1075.54	9645	-16	423.67	1521.5	279.3	100	382.2
WY 2019		9341							3637.1		
	Oct 2019	494	8.0	1077.22	9782	137	429.24	1140.1	192.1	75	389.1
	Nov 2019	653	11.0	1077.04	9768	-14	431.66	1224.7	252.5	80	386.6
	Dec 2019	577	9.4	1078.67	9901	134	431.17	1139.0	222.8	74	385.9
	Jan 2020	605	9.8	1086.08	10521	620	435.90	797.2	240.7	51	397.8
	Feb 2020	668	11.6	1091.13	10955	434	441.07	805.9	271.2	52	405.9
	Mar 2020	1038	16.9	1092.38	11063	108	443.16	890.1	430.3	57	414.5

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2018 24-Month Study

Maximum Probable Inflow*

Davis Dam - Lake Mohave



	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Apr 2017	955	16.1	642.45	1684	-34	138.31	204.0	131.0	80	137.2
H	May 2017	846	13.8	643.74	1719	35	142.74	232.0	108.4	91	128.1
I	Jun 2017	853	14.3	643.01	1699	-20	141.59	255.0	107.4	100	126.0
S	Jul 2017	809	13.2	644.65	1744	45	143.65	255.0	101.5	100	125.5
T	Aug 2017	707	11.5	642.64	1689	-55	143.10	255.0	89.9	100	127.1
O	Sep 2017	656	11.0	639.47	1603	-86	138.07	253.3	83.2	99	126.8
WY 2017		8261							1061.4		
R	Oct 2017	671	10.9	636.00	1512	-91	134.26	179.3	81.3	70	121.3
I	Nov 2017	595	10.0	640.07	1619	107	138.81	151.3	73.1	59	122.7
C	Dec 2017	552	9.0	640.68	1636	17	139.44	131.6	69.5	52	126.0
A	Jan 2018	437	7.1	640.86	1641	5	141.78	159.6	55.0	63	125.9
L	Feb 2018	611	11.0	643.18	1704	63	142.18	162.1	76.6	64	125.4
*	Mar 2018	836	13.6	642.57	1687	-17	139.99	189.2	105.4	74	126.1
	Apr 2018	954	16.0	643.00	1699	12	137.12	207.4	119.0	81	124.8
	May 2018	967	15.7	643.00	1699	0	137.43	204.0	120.9	80	125.1
	Jun 2018	893	15.0	642.00	1671	-27	135.51	255.0	111.4	100	124.8
	Jul 2018	835	13.6	641.50	1658	-14	134.73	255.0	104.0	100	124.6
	Aug 2018	716	11.6	641.50	1658	0	134.46	255.0	89.5	100	125.0
	Sep 2018	789	13.3	640.01	1617	-40	133.68	255.0	97.7	100	123.8
WY 2018		8853							1103.3		
	Oct 2018	744	12.1	633.00	1434	-183	130.59	207.3	89.5	81	120.4
	Nov 2018	624	10.5	635.00	1486	51	129.19	170.0	74.0	67	118.7
	Dec 2018	504	8.2	638.71	1583	97	132.25	167.8	61.5	66	122.1
	Jan 2019	490	8.0	641.80	1666	83	134.43	210.6	61.4	83	125.3
	Feb 2019	643	11.6	641.80	1666	0	136.73	187.6	80.6	74	125.3
	Mar 2019	974	15.8	643.05	1700	34	137.26	190.8	121.3	75	124.5
	Apr 2019	1007	16.9	643.00	1699	-1	136.07	255.0	125.6	100	124.7
	May 2019	916	14.9	643.00	1699	0	136.04	255.0	114.8	100	125.3
	Jun 2019	850	14.3	642.00	1671	-27	135.51	255.0	106.3	100	125.1
	Jul 2019	796	12.9	641.50	1658	-14	134.73	255.0	99.3	100	124.8
	Aug 2019	689	11.2	641.50	1658	0	134.46	255.0	86.3	100	125.2
	Sep 2019	740	12.4	640.01	1617	-40	133.68	255.0	91.9	100	124.1
WY 2019		8977							1112.5		
	Oct 2019	658	10.7	633.00	1434	-183	130.59	207.3	79.6	81	120.9
	Nov 2019	579	9.7	635.00	1486	51	129.19	170.0	68.9	67	119.0
	Dec 2019	459	7.5	638.71	1583	97	132.25	167.8	56.2	66	122.4
	Jan 2020	493	8.0	641.80	1666	83	133.85	230.3	61.8	90	125.3
	Feb 2020	644	11.2	641.80	1666	0	136.73	187.6	80.7	74	125.5
	Mar 2020	974	15.8	643.05	1700	34	137.26	190.8	121.2	75	124.5

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2018 24-Month Study

Maximum Probable Inflow*

Parker Dam - Lake Havasu



	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Apr 2017	729	12.3	448.73	594	17	80.51	120.0	51.3	100	70.3
H	May 2017	634	10.3	448.31	586	-8	82.36	120.0	44.8	100	70.6
I	Jun 2017	689	11.6	448.41	588	2	80.56	120.0	48.1	100	69.9
S	Jul 2017	666	10.8	448.63	592	4	82.74	120.0	46.5	100	69.9
T	Aug 2017	570	9.3	448.28	585	-7	82.37	120.0	39.9	100	70.0
O	Sep 2017	481	8.1	447.17	564	-21	81.08	120.0	33.8	100	70.2
WY 2017		6204							434.1		
R	Oct 2017	478	7.8	446.27	548	-17	80.03	92.9	33.6	77	70.4
I	Nov 2017	349	5.9	447.86	577	30	81.65	90.0	24.1	75	69.2
C	Dec 2017	335	5.5	446.80	557	-20	81.55	92.9	22.5	77	67.0
A	Jan 2018	329	5.3	445.81	539	-18	80.05	117.1	22.8	98	69.2
L	Feb 2018	429	7.7	448.52	590	50	81.30	92.1	30.3	77	70.6
*	Mar 2018	638	10.4	447.46	570	-20	81.79	102.6	44.9	85	70.4
	Apr 2018	719	12.1	447.50	570	1	74.87	120.0	47.2	100	65.7
	May 2018	662	10.8	448.70	593	23	75.47	120.0	43.7	100	65.9
	Jun 2018	709	11.9	448.70	593	0	76.05	120.0	47.2	100	66.6
	Jul 2018	680	11.1	448.00	580	-13	75.71	120.0	45.0	100	66.2
	Aug 2018	601	9.8	447.50	571	-9	75.13	120.0	39.3	100	65.5
	Sep 2018	524	8.8	447.50	570	0	74.89	120.0	34.1	100	65.0
WY 2018		6453							434.7		
	Oct 2018	475	7.7	447.50	571	0	76.19	91.9	31.3	77	65.9
	Nov 2018	389	6.5	447.50	571	0	75.83	99.0	25.3	83	65.0
	Dec 2018	295	4.8	446.50	552	-19	74.40	120.0	18.5	100	62.7
	Jan 2019	318	5.2	446.50	552	0	75.02	95.8	20.2	80	63.6
	Feb 2019	485	8.7	446.50	552	0	75.21	92.1	31.8	77	65.5
	Mar 2019	718	11.7	446.70	555	4	74.34	112.3	46.9	94	65.3
	Apr 2019	710	11.9	448.70	593	38	75.08	120.0	46.7	100	65.8
	May 2019	642	10.4	448.70	593	0	76.05	120.0	42.6	100	66.3
	Jun 2019	683	11.5	448.70	593	0	76.05	120.0	45.4	100	66.5
	Jul 2019	647	10.5	448.00	580	-13	75.71	120.0	42.7	100	66.1
	Aug 2019	589	9.6	447.50	571	-9	75.13	120.0	38.5	100	65.4
	Sep 2019	509	8.6	447.50	570	0	74.89	120.0	33.1	100	65.0
WY 2019		6460							423.0		
	Oct 2019	490	8.0	447.50	571	0	76.29	90.0	32.4	75	66.1
	Nov 2019	408	6.9	447.50	571	0	76.14	93.0	26.7	78	65.5
	Dec 2019	313	5.1	446.50	552	-19	74.40	120.0	19.7	100	63.0
	Jan 2020	317	5.2	446.50	552	0	75.02	95.8	20.2	80	63.6
	Feb 2020	484	8.4	446.50	552	0	75.21	92.1	31.7	77	65.4
	Mar 2020	715	11.6	446.70	555	4	74.34	112.3	46.6	94	65.3

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2018 24-Month Study

Maximum Probable Inflow*

Upper Basin Power



	Glen Canyon	Flaming Gorge	Blue Mesa	Morrow Point	Crystal Reservoir	Fontenelle Reservoir
Date	1000 MWHR	1000 MWHR	1000 MWHR	1000 MWHR	1000 MWHR	1000 MWHR
* Apr 2017	270	102	15	22	6	0
H May 2017	291	105	43	72	17	4
I Jun 2017	346	102	40	66	8	6
S Jul 2017	399	71	35	13	18	8
T Aug 2017	421	56	34	0	22	9
O Sep 2017	306	56	35	33	22	6
Summer 2017	2033	492	202	207	93	33
R Oct 2017	294	42	30	37	21	7
I Nov 2017	288	55	12	14	8	7
C Dec 2017	339	68	27	33	19	6
A Jan 2018	394	68	17	21	12	6
L Feb 2018		60	9	12	3	5
* Mar 2018	364	41	12	16	9	1
Winter 2018	1679	334	107	133	71	31
Apr 2018	286	38	22	26	13	6
May 2018	287	84	37	51	23	7
Jun 2018	313	104	24	33	18	8
Jul 2018	356	44	29	36	18	10
Aug 2018	370	44	29	36	18	10
Sep 2018	274	42	20	25	13	7
Summer 2018	1888	355	161	206	104	48
Oct 2018	261	43	11	15	8	7
Nov 2018	261	42	4	6	4	7
Dec 2018	292	43	11	15	8	7
Jan 2019	348	43	12	16	9	6
Feb 2019	301	39	11	14	8	6
Mar 2019	321	43	13	17	10	4
Winter 2019	1784	254	63	83	46	37
Apr 2019	285	42	17	26	15	4
May 2019	291	85	50	71	23	8
Jun 2019	319	103	64	94	22	9
Jul 2019	370	41	44	53	23	10
Aug 2019	393	41	33	40	21	10
Sep 2019	292	40	33	39	20	6
Summer 2019	1951	352	242	322	125	47
Oct 2019	278	41	20	24	13	7
Nov 2019	278	40	19	23	12	6
Dec 2019	312	41	34	42	21	6
Jan 2020	529	41	21	27	14	5
Feb 2020	460	38	15	19	10	5
Mar 2020	486	41	9	13	7	5
Winter 2020	1858	200	109	135	69	29

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2018 24-Month Study

Maximum Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions



Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	BOM Space Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
****PREDICTED SPACE****								****EFFECTIVE SPACE****										
Apr 2018	792	296	460	11366	12913	16683	29596	497	118	228	843	11366	16683	28892	1500	1002	0	30.9
May 2018	726	315	454	11449	12944	16958	29902	424	136	201	761	11449	16958	29169	1500	1001	0	31.4
Jun 2018	640	280	397	10828	12144	17269	29414	328	100	105	533	10828	17269	28630	1500	906	0	32.1
Jul 2018	490	168	390	10147	11196	17474	28670	161	-10	43	194	10147	17474	27816	1500	862	0	31.9
								****CREDITABLE SPACE****										
Aug 2018	346	180	406	10410	11342	17494	28837	346	180	406	932	10410	17494	28837	1500	750	0	31.6
Sep 2018	365	223	420	10822	11829	17358	29187	365	223	420	1007	10822	17358	29187	2270	779	0	31.2
Oct 2018	422	252	406	11024	12104	17428	29532	422	252	406	1080	11024	17428	29532	3040	579	0	31.0
Nov 2018	476	248	376	11053	12152	17370	29522	476	248	376	1100	11053	17370	29522	3810	698	0	30.9
Dec 2018	534	226	365	11166	12291	17417	29708	534	226	365	1125	11166	17417	29708	4580	622	0	30.7
Jan 2019	614	236	363	11403	12616	17324	29940	614	236	363	1213	11403	17324	29940	5350	602	0	30.6
								****EFFECTIVE SPACE****										
Jan 2019	614	236	363	11403	12616	17324	29940	365	230	160	755	11403	17324	29482	5350	602	0	30.6
Feb 2019	688	251	364	11749	13052	17046	30098	438	246	161	844	11749	17046	29639	1500	668	0	30.4
Mar 2019	748	264	351	11989	13351	16932	30283	495	260	147	902	11989	16932	29822	1500	1039	0	30.2
Apr 2019	755	267	275	12098	13395	17146	30542	499	264	64	827	12098	17146	30072	1500	1042	0	30.5
May 2019	711	237	170	11770	12888	17458	30347	449	230	-64	614	11770	17458	29843	1500	951	0	32.3
Jun 2019	630	126	227	9796	10779	17717	28496	360	119	-47	432	9796	17717	27945	1500	864	0	34.6
Jul 2019	466	12	303	7452	8233	17889	26122	180	12	-27	165	7452	17889	25505	1500	823	0	35.2
								****CREDITABLE SPACE****										
Aug 2019	309	4	391	6947	7651	17882	25533	309	4	391	704	6947	17882	25533	1500	724	0	35.1
Sep 2019	317	42	391	7175	7926	17716	25641	317	42	391	751	7175	17716	25641	2270	731	0	34.8
Oct 2019	367	111	375	7317	8169	17732	25901	367	111	375	852	7317	17732	25901	3040	494	0	34.7
Nov 2019	417	132	355	7352	8256	17595	25851	417	132	355	904	7352	17595	25851	3810	653	0	34.5
Dec 2019	472	160	342	7462	8436	17609	26045	472	160	342	974	7462	17609	26045	4580	577	0	34.4
Jan 2020	549	245	339	7675	8809	17476	26285	549	245	339	1134	7675	17476	26285	5350	605	0	34.2
								****EFFECTIVE SPACE****										
Jan 2020	549	245	339	7675	8809	17476	26285	-105	245	144	284	7675	17476	25435	5350	605	0	34.2
Feb 2020	621	290	340	8380	9631	16856	26487	-34	290	143	400	8380	16856	25635	1500	668	0	34.0
Mar 2020	683	316	331	8954	10283	16422	26705	26	316	133	475	8954	16422	25851	1500	1038	0	33.7

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

Model Run ID: 3059

Processed On: 4/13/2018 8:52:53AM