

To: All Annual Operating Plan Recipients

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In addition to the April 2019 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/2019/April-Chart.pdf>.

The water year 2019 unregulated inflow into Lake Powell under the April Probable Maximum inflow scenario is 15.26 million acre-feet (maf), or 141 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 2019. 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 year 2019 and 12.84 maf in water year 2020.

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

The April 2019 Most Probable 24-Month Study is available for download at <https://www.usbr.gov/lc/region/g4000/24mo/2019/APR19.pdf>.

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2019 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 2018	101	1	83	4	87	6472.76	130
H	May 2018	354	2	100	123	223	6494.84	260
I	Jun 2018	404	2	101	269	370	6499.18	292
S	Jul 2018	138	3	92	8	100	6503.79	327
T	Aug 2018	50	2	75	1	76	6500.10	299
O	Sep 2018	30	2	7	58	65	6495.11	262
	WY 2018	1397	15	856	528	1382		
R	Oct 2018	42	1	45	20	65	6491.62	238
I	Nov 2018	38	1	60	0	60	6488.29	216
C	Dec 2018	30	1	61	1	61	6483.19	184
A	Jan 2019	28	1	61	0	61	6476.81	150
L	Feb 2019	26	0	55	1	56	6470.41	120
*	Mar 2019	37	0	61	0	61	6464.13	95
	Apr 2019	98	1	71	0	71	6470.55	121
	May 2019	187	1	96	81	178	6472.51	130
	Jun 2019	342	2	100	72	173	6499.83	298
	Jul 2019	203	3	101	59	160	6504.97	337
	Aug 2019	88	2	96	0	96	6503.68	327
	Sep 2019	53	2	36	53	89	6498.75	290
	WY 2019	1173	14	846	287	1133		
	Oct 2019	57	1	74	0	74	6496.31	272
	Nov 2019	48	1	71	0	71	6492.91	248
	Dec 2019	35	1	74	0	74	6486.90	208
	Jan 2020	34	1	74	0	74	6480.07	167
	Feb 2020	30	0	69	0	69	6472.06	128
	Mar 2020	59	0	74	0	74	6468.46	113
	Apr 2020	102	1	79	0	79	6473.60	135
	May 2020	212	1	99	91	190	6478.04	157
	Jun 2020	389	2	101	161	262	6497.67	282
	Jul 2020	240	3	103	90	193	6503.49	326
	Aug 2020	101	2	104	53	157	6495.67	267
	Sep 2020	57	2	21	68	89	6490.73	233
	WY 2020	1363	14	942	463	1405		
	Oct 2020	56	1	92	0	92	6484.88	195
	Nov 2020	46	1	55	0	55	6483.21	185
	Dec 2020	32	1	55	0	55	6478.94	161
	Jan 2021	30	0	55	0	55	6473.73	136
	Feb 2021	28	0	50	0	50	6468.50	113
	Mar 2021	53	0	55	0	55	6467.73	110

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2019 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 2018	121	108	5	101	0	101	128	6025.69	3186	277
H	May 2018	422	290	8	163	6	169	133	6028.57	3294	572
I	Jun 2018	435	401	11	125	0	125	143	6035.09	3550	278
S	Jul 2018	140	102	14	120	0	120	142	6034.33	3519	141
T	Aug 2018	42	68	13	124	0	124	139	6032.67	3453	142
O	Sep 2018	17	52	11	119	0	119	136	6030.75	3378	132
	WY 2018	1594	1580	82	1608	7	1616				2638
R	Oct 2018	52	75	7	99	0	99	135	6029.99	3349	131
I	Nov 2018	41	63	4	93	0	93	133	6029.15	3316	121
C	Dec 2018	29	60	2	124	0	124	131	6027.49	3253	153
A	Jan 2019	34	68	2	124	0	124	129	6026.01	3198	154
L	Feb 2019	34	63	2	112	0	112	127	6024.69	3149	143
*	Mar 2019	74	99	3	58	0	58	128	6025.67	3185	128
	Apr 2019	175	148	5	99	0	99	130	6026.82	3228	401
	May 2019	321	311	8	123	0	123	137	6031.35	3401	870
	Jun 2019	510	340	11	283	78	361	136	6030.56	3371	952
	Jul 2019	275	232	14	129	0	129	139	6032.76	3457	270
	Aug 2019	113	121	13	129	0	129	138	6032.24	3436	163
	Sep 2019	69	105	11	125	0	125	137	6031.46	3406	149
	WY 2019	1727	1686	82	1497	78	1575				3636
	Oct 2019	72	89	7	141	0	141	135	6029.97	3348	181
	Nov 2019	60	83	3	137	0	137	132	6028.53	3293	173
	Dec 2019	39	79	2	141	0	141	130	6026.89	3231	169
	Jan 2020	45	86	2	141	0	141	128	6025.41	3175	169
	Feb 2020	49	88	2	132	0	132	126	6024.20	3131	163
	Mar 2020	115	130	3	92	0	92	127	6025.11	3164	181
	Apr 2020	164	141	5	89	0	89	129	6026.33	3210	349
	May 2020	323	300	8	95	0	95	137	6031.30	3399	752
	Jun 2020	523	396	11	284	100	383	137	6031.34	3401	950
	Jul 2020	291	245	14	129	0	129	141	6033.81	3499	274
	Aug 2020	119	176	13	129	0	129	142	6034.62	3531	162
	Sep 2020	70	103	12	125	0	125	141	6033.80	3498	149
	WY 2020	1872	1914	82	1637	100	1737				3675
	Oct 2020	69	106	8	129	0	129	140	6033.05	3468	168
	Nov 2020	55	65	4	137	0	137	137	6031.20	3395	171
	Dec 2020	35	58	2	141	0	141	133	6029.08	3314	167
	Jan 2021	40	65	2	141	0	141	130	6027.11	3239	166
	Feb 2021	45	67	2	128	0	128	128	6025.49	3178	156
	Mar 2021	102	105	3	92	0	92	128	6025.74	3188	169

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2019 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 2018	8	7	9311.18	72
H	May 2018	24	12	9318.33	84
I	Jun 2018	13	15	9317.29	82
S	Jul 2018	5	14	9311.71	73
T	Aug 2018	3	13	9305.51	63
O	Sep 2018	3	8	9301.71	58
WY 2018		88	108		
R	Oct 2018	5	3	9302.60	59
I	Nov 2018	3	3	9302.61	59
C	Dec 2018	4	3	9302.74	59
A	Jan 2019	4	3	9302.92	59
L	Feb 2019	3	3	9303.16	60
*	Mar 2019	5	4	9303.75	60
	Apr 2019	14	5	9309.54	69
	May 2019	45	14	9326.69	100
	Jun 2019	66	59	9329.95	106
	Jul 2019	32	34	9329.09	104
	Aug 2019	15	19	9326.97	100
	Sep 2019	9	18	9322.57	92
WY 2019		204	169		
	Oct 2019	8	6	9323.23	93
	Nov 2019	6	5	9323.61	94
	Dec 2019	5	5	9323.64	94
	Jan 2020	5	5	9323.47	93
	Feb 2020	4	5	9323.12	93
	Mar 2020	5	5	9322.87	92
	Apr 2020	10	10	9322.96	92
	May 2020	34	24	9327.87	102
	Jun 2020	52	50	9328.96	104
	Jul 2020	25	24	9329.86	106
	Aug 2020	12	19	9326.42	99
	Sep 2020	8	18	9321.67	90
WY 2020		174	176		
	Oct 2020	7	12	9319.34	86
	Nov 2020	5	5	9319.51	86
	Dec 2020	5	5	9319.23	86
	Jan 2021	4	5	9318.75	85
	Feb 2021	4	5	9318.23	84
	Mar 2021	4	10	9315.04	78

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2019 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 2018	48	47	1	82	0	82	7478.94	498
H	May 2018	112	100	1	85	0	85	7480.90	513
I	Jun 2018	56	57	1	98	0	98	7475.06	471
S	Jul 2018	21	31	1	101	0	101	7464.43	399
T	Aug 2018	19	28	1	93	0	93	7453.77	334
O	Sep 2018	12	17	1	30	39	68	7444.44	282
	WY 2018	433	453	7	856	39	895		
R	Oct 2018	23	22	0	46	11	56	7437.59	248
I	Nov 2018	22	21	0	19	0	19	7438.08	250
C	Dec 2018	20	19	0	21	0	21	7437.82	249
A	Jan 2019	20	20	0	17	0	17	7438.40	252
L	Feb 2019	20	20	0	23	0	23	7437.59	248
*	Mar 2019	28	27	0	25	0	25	7438.01	250
	Apr 2019	137	128	1	33	0	33	7455.56	344
	May 2019	392	362	1	197	13	210	7478.50	495
	Jun 2019	463	457	1	200	45	245	7505.31	706
	Jul 2019	207	209	2	95	0	95	7518.17	819
	Aug 2019	99	104	1	106	0	106	7517.74	815
	Sep 2019	51	60	1	104	1	106	7512.52	768
	WY 2019	1482	1448	8	885	72	955		
	Oct 2019	44	42	1	84	0	84	7507.64	725
	Nov 2019	34	33	0	66	0	66	7503.67	692
	Dec 2019	27	27	0	112	0	112	7493.22	607
	Jan 2020	26	26	0	112	0	112	7481.92	520
	Feb 2020	24	24	0	68	0	68	7475.82	476
	Mar 2020	39	40	0	50	0	50	7474.33	466
	Apr 2020	93	93	1	67	0	67	7477.82	490
	May 2020	276	266	1	202	41	242	7480.97	513
	Jun 2020	338	336	1	96	0	96	7510.70	752
	Jul 2020	152	150	2	93	0	93	7516.92	807
	Aug 2020	78	85	1	100	0	100	7515.16	791
	Sep 2020	45	54	1	94	0	94	7510.59	751
	WY 2020	1176	1177	9	1145	41	1186		
	Oct 2020	43	47	1	69	0	69	7508.03	729
	Nov 2020	32	32	0	64	0	64	7504.19	696
	Dec 2020	26	26	0	113	0	113	7493.52	609
	Jan 2021	24	25	0	77	0	77	7486.81	557
	Feb 2021	22	23	0	60	0	60	7481.91	520
	Mar 2021	36	42	0	0	47	47	7481.15	514

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2019 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 2018	54	82	6	87	79	0	79	7154.30	112
H	May 2018	121	85	8	94	94	0	94	7153.76	112
I	Jun 2018	57	98	2	99	99	0	99	7154.16	112
S	Jul 2018	22	101	1	102	101	0	101	7155.49	113
T	Aug 2018	19	93	0	93	94	0	94	7153.96	112
O	Sep 2018	14	68	2	70	84	0	84	7135.77	98
	WY 2018	460	895	27	922	935	0	937		
R	Oct 2018	24	56	1	57	56	0	56	7136.92	99
I	Nov 2018	23	19	1	20	13	0	15	7143.47	104
C	Dec 2018	21	21	1	22	18	0	18	7147.95	107
A	Jan 2019	21	17	1	17	18	0	18	7147.00	107
L	Feb 2019	20	23	0	24	23	0	23	7147.57	107
*	Mar 2019	29	25	1	26	26	0	26	7146.90	107
	Apr 2019	154	33	17	50	45	0	45	7153.73	112
	May 2019	431	210	39	249	249	0	249	7153.73	112
	Jun 2019	490	245	27	272	272	0	272	7153.73	112
	Jul 2019	215	95	7	102	102	0	102	7153.73	112
	Aug 2019	103	106	4	110	110	0	110	7153.73	112
	Sep 2019	55	106	3	109	109	0	109	7153.73	112
	WY 2019	1585	955	103	1058	1042	0	1044		
	Oct 2019	46	84	3	87	87	0	87	7153.73	112
	Nov 2019	36	66	2	69	69	0	69	7153.73	112
	Dec 2019	30	112	2	115	115	0	115	7153.73	112
	Jan 2020	28	112	2	115	115	0	115	7153.73	112
	Feb 2020	26	68	3	71	71	0	71	7153.73	112
	Mar 2020	44	50	4	54	54	0	54	7153.73	112
	Apr 2020	106	67	13	80	80	0	80	7153.73	112
	May 2020	308	242	32	274	274	0	274	7153.73	112
	Jun 2020	366	96	28	124	124	0	124	7153.73	112
	Jul 2020	159	93	7	101	101	0	101	7153.73	112
	Aug 2020	82	100	4	104	104	0	104	7153.73	112
	Sep 2020	48	94	3	97	97	0	97	7153.73	112
	WY 2020	1280	1186	104	1290	1290	0	1290		
	Oct 2020	45	69	3	71	71	0	71	7153.73	112
	Nov 2020	34	64	2	67	67	0	67	7153.73	112
	Dec 2020	28	113	2	115	115	0	115	7153.73	112
	Jan 2021	27	77	2	79	79	0	79	7153.73	112
	Feb 2021	25	60	3	62	62	0	62	7153.73	112
	Mar 2021	40	47	4	51	51	0	51	7153.73	112

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2019 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 2018	60	79	6	84	84	0	84	6749.35	16	53	28
H	May 2018	129	94	9	102	102	0	102	6749.41	16	62	39
I	Jun 2018	61	99	3	102	102	0	102	6750.48	16	63	42
S	Jul 2018	24	101	2	103	103	0	103	6750.59	16	64	41
T	Aug 2018	21	94	2	96	98	0	98	6744.83	15	65	36
O	Sep 2018	15	84	1	85	87	0	87	6737.22	13	59	33
	WY 2018	505	937	45	982	959	26	985			438	553
R	Oct 2018	27	56	3	59	55	0	55	6751.87	17	33	24
I	Nov 2018	26	15	4	19	21	0	21	6743.11	14	1	19
C	Dec 2018	25	18	4	22	21	0	22	6745.32	15	0	20
A	Jan 2019	25	18	4	22	19	3	22	6746.57	15	1	20
L	Feb 2019	24	23	3	27	9	17	26	6748.26	16	1	25
*	Mar 2019	34	26	5	32	30	0	30	6752.77	17	0	29
	Apr 2019	170	45	16	61	61	0	61	6753.04	17	42	19
	May 2019	475	249	44	293	134	159	293	6753.04	17	62	231
	Jun 2019	532	272	42	314	130	184	314	6753.04	17	61	253
	Jul 2019	233	102	18	120	120	0	120	6753.04	17	65	55
	Aug 2019	113	110	10	120	120	0	120	6753.04	17	65	55
	Sep 2019	62	109	7	116	116	0	116	6753.04	17	55	61
	WY 2019	1745	1044	160	1204	836	364	1200			386	811
	Oct 2019	53	87	7	94	94	0	94	6753.04	17	30	64
	Nov 2019	41	69	5	74	74	0	74	6753.04	17	0	74
	Dec 2019	35	115	5	120	120	0	120	6753.04	17	0	120
	Jan 2020	33	115	5	120	112	7	120	6753.04	17	0	120
	Feb 2020	30	71	4	75	0	75	75	6753.04	17	0	75
	Mar 2020	51	54	7	61	47	15	61	6753.04	17	5	56
	Apr 2020	121	80	15	95	95	0	95	6753.04	17	42	53
	May 2020	351	274	44	318	134	184	318	6753.04	17	62	256
	Jun 2020	415	124	49	173	130	43	173	6753.04	17	61	112
	Jul 2020	179	101	19	120	120	0	120	6753.04	17	65	55
	Aug 2020	92	104	10	114	114	0	114	6753.04	17	65	49
	Sep 2020	56	97	7	104	104	0	104	6753.04	17	55	49
	WY 2020	1458	1290	178	1468	1144	324	1468			385	1083
	Oct 2020	52	71	7	78	78	0	78	6753.04	17	30	48
	Nov 2020	39	67	5	71	71	0	71	6753.04	17	0	71
	Dec 2020	32	115	5	120	120	0	120	6753.04	17	0	120
	Jan 2021	31	79	5	84	84	0	84	6753.04	17	0	84
	Feb 2021	29	62	4	66	66	0	66	6753.04	17	0	66
	Mar 2021	46	51	6	57	57	0	57	6753.04	17	5	52

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2019 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 2018	15	3	7649.29	85
H	May 2018	30	31	7648.91	84
I	Jun 2018	14	35	7639.22	63
S	Jul 2018	8	35	7624.15	35
T	Aug 2018	5	19	7613.87	22
O	Sep 2018	3	4	7613.06	21
WY 2018		102	153		
R	Oct 2018	9	3	7617.56	26
I	Nov 2018	5	0	7621.25	31
C	Dec 2018	3	0	7623.31	34
A	Jan 2019	4	0	7625.50	37
L	Feb 2019	4	0	7627.67	41
*	Mar 2019	6	6	7627.39	40
	Apr 2019	27	36	7621.57	31
	May 2019	91	46	7645.50	76
	Jun 2019	136	87	7664.63	124
	Jul 2019	41	46	7662.53	119
	Aug 2019	27	38	7658.04	107
	Sep 2019	22	30	7654.94	99
WY 2019		374	292		
	Oct 2019	19	21	7653.82	96
	Nov 2019	10	10	7654.03	97
	Dec 2019	7	7	7654.00	97
	Jan 2020	6	6	7653.99	97
	Feb 2020	5	5	7654.03	97
	Mar 2020	10	2	7657.28	105
	Apr 2020	28	10	7663.84	122
	May 2020	84	96	7658.97	109
	Jun 2020	91	78	7663.81	122
	Jul 2020	38	44	7661.09	115
	Aug 2020	24	38	7655.47	100
	Sep 2020	21	29	7652.04	92
WY 2020		343	346		
	Oct 2020	18	16	7652.53	93
	Nov 2020	10	5	7654.32	98
	Dec 2020	6	5	7654.87	99
	Jan 2021	5	5	7655.06	99
	Feb 2021	5	4	7655.23	100
	Mar 2021	9	2	7657.80	106

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2019 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 2018	70	13	46	2	20	38	6049.73	1222	44
H	May 2018	88	16	71	3	36	32	6049.80	1223	64
I	Jun 2018	6	3	24	4	42	42	6044.23	1159	50
S	Jul 2018	-9	0	18	4	42	51	6036.94	1080	56
T	Aug 2018	-7	0	7	3	42	51	6028.27	991	49
O	Sep 2018	2	0	3	2	27	46	6020.80	919	43
	WY 2018	268	36	283	24	224	405			533
R	Oct 2018	23	1	17	1	7	31	6018.35	897	39
I	Nov 2018	15	0	10	1	0	18	6017.43	888	34
C	Dec 2018	12	0	9	0	0	18	6016.39	879	31
A	Jan 2019	14	0	10	0	0	19	6015.33	869	32
L	Feb 2019	18	0	14	1	1	16	6014.90	865	36
*	Mar 2019	114	1	113	1	4	18	6024.61	955	67
	Apr 2019	255	15	249	2	21	15	6044.89	1167	73
	May 2019	435	35	355	3	36	47	6066.68	1435	282
	Jun 2019	395	31	315	5	52	30	6082.55	1663	295
	Jul 2019	85	3	87	5	57	23	6082.70	1666	120
	Aug 2019	58	2	68	4	48	26	6082.00	1655	79
	Sep 2019	56	2	62	3	26	23	6082.62	1664	64
	WY 2019	1480	90	1308	28	250	285			1153
	Oct 2019	61	2	62	2	10	22	6084.47	1693	55
	Nov 2019	40	0	39	1	0	21	6085.54	1710	41
	Dec 2019	30	0	30	1	0	22	6086.02	1717	39
	Jan 2020	25	0	25	1	0	50	6084.39	1692	65
	Feb 2020	36	0	36	1	0	100	6080.12	1627	114
	Mar 2020	117	9	100	2	6	200	6072.74	1519	227
	Apr 2020	214	21	176	3	22	250	6065.58	1420	313
	May 2020	347	37	323	4	36	100	6078.53	1603	274
	Jun 2020	306	29	264	5	53	80	6086.76	1729	272
	Jul 2020	96	5	98	5	57	80	6083.94	1685	169
	Aug 2020	59	2	71	4	48	80	6079.93	1624	127
	Sep 2020	58	2	64	3	26	116	6074.42	1543	155
	WY 2020	1389	106	1287	32	257	1120			1850
	Oct 2020	58	2	55	2	0	31	6075.93	1565	63
	Nov 2020	35	0	30	1	0	30	6075.91	1564	49
	Dec 2020	25	0	24	1	0	31	6075.36	1556	46
	Jan 2021	22	0	21	1	0	31	6074.66	1546	44
	Feb 2021	30	0	29	1	0	28	6074.71	1547	40
	Mar 2021	92	9	77	2	0	31	6077.75	1591	53

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2019 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 2018	382	419	25	705	0	705	3609.39	5067	12669	738
H	May 2018	1214	968	29	705	0	705	3611.54	5085	12886	730
I	Jun 2018	883	635	45	760	0	760	3609.98	5072	12728	781
S	Jul 2018	123	252	53	860	0	860	3603.80	5023	12116	877
T	Aug 2018	11	260	50	900	0	900	3597.12	4972	11477	911
O	Sep 2018	1	230	45	670	0	670	3592.28	4936	11028	690
	WY 2018	4612	5459	386	9000	0	9000				9158
R	Oct 2018	351	477	30	625	0	625	3590.46	4923	10862	650
I	Nov 2018	254	307	29	585	77	662	3586.50	4894	10507	669
C	Dec 2018	228	322	22	740	0	740	3581.85	4862	10099	744
A	Jan 2019	212	303	7	804	0	804	3576.34	4824	9629	815
L	Feb 2019	255	339	7	730	0	730	3571.89	4795	9261	742
*	Mar 2019	624	573	11	790	0	790	3569.28	4778	9049	798
	Apr 2019	1770	1380	19	720	0	720	3576.51	4825	9643	732
	May 2019	3929	3232	25	720	0	720	3602.05	5009	11946	727
	Jun 2019	4471	3823	47	765	0	765	3628.94	5232	14734	768
	Jul 2019	1829	1568	62	860	0	860	3634.23	5280	15333	875
	Aug 2019	765	805	63	900	0	900	3632.96	5269	15187	917
	Sep 2019	565	670	58	683	0	683	3632.38	5263	15121	701
	WY 2019	15255	13801	380	8923	77	9000				9136
	Oct 2019	634	716	40	640	0	640	3632.66	5266	15153	656
	Nov 2019	537	628	39	640	0	640	3632.25	5262	15106	651
	Dec 2019	409	588	31	720	0	720	3630.92	5250	14956	729
	Jan 2020	409	616	10	1140	0	1140	3626.48	5211	14462	1155
	Feb 2020	446	637	10	1190	0	1190	3621.67	5169	13941	1205
	Mar 2020	775	860	17	1140	0	1140	3619.08	5147	13666	1151
	Apr 2020	1306	1284	26	1110	0	1110	3620.37	5158	13803	1121
	May 2020	3063	2628	33	1220	0	1220	3631.99	5260	15076	1226
	Jun 2020	3564	3037	55	1170	0	1170	3646.26	5394	16755	1173
	Jul 2020	1568	1392	69	1320	0	1320	3646.28	5394	16758	1335
	Aug 2020	694	796	67	1465	0	1465	3640.61	5340	16076	1483
	Sep 2020	493	683	60	1080	0	1080	3637.00	5306	15652	1094
	WY 2020	13897	13865	456	12835	0	12835				12980
	Oct 2020	609	670	41	640	0	640	3636.91	5305	15642	650
	Nov 2020	496	604	40	640	0	640	3636.31	5299	15572	641
	Dec 2020	363	562	32	720	0	720	3634.79	5285	15396	726
	Jan 2021	361	524	10	760	0	760	3632.80	5267	15169	771
	Feb 2021	393	512	11	680	0	680	3631.33	5254	15003	689
	Mar 2021	665	613	18	710	0	710	3630.39	5245	14897	724

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2019 24-Month Study

Maximum 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)
*	Apr 2018	705	43	39	1015	17.1	21	1015	675	1084.49	10387
H	May 2018	705	21	44	1055	17.1	27	1054	651	1080.00	10011
I	Jun 2018	760	27	53	986	16.6	28	985	634	1076.81	9748
S	Jul 2018	860	106	65	820	13.3	27	819	637	1077.43	9799
T	Aug 2018	900	74	70	749	12.2	28	748	645	1078.88	9918
O	Sep 2018	670	84	58	725	12.2	24	723	642	1078.29	9870
	WY 2018	9000	690	541	9240		241	9237			
R	Oct 2018	625	100	42	641	10.4	23	634	643	1078.52	9889
I	Nov 2018	662	67	42	690	11.6	16	689	642	1078.32	9872
C	Dec 2018	740	52	36	468	7.6	11	467	659	1081.46	10132
A	Jan 2019	804	106	30	487	7.9	8	486	682	1085.75	10493
L	Feb 2019	730	127	28	621	11.2	7	620	694	1087.97	10682
*	Mar 2019	790	202	32	738	12.0	14	737	707	1090.24	10878
	Apr 2019	720	68	39	941	15.8	26	941	694	1087.86	10673
	May 2019	720	38	45	1022	16.6	35	1022	673	1084.06	10350
	Jun 2019	765	19	54	936	15.7	35	936	658	1081.36	10124
	Jul 2019	860	82	67	836	13.6	38	836	658	1081.38	10126
	Aug 2019	900	94	71	787	12.8	35	787	664	1082.53	10221
	Sep 2019	683	98	58	746	12.5	28	746	661	1081.95	10173
	WY 2019	9000	1052	544	8911		273	8899			
	Oct 2019	640	92	43	498	8.1	29	498	671	1083.77	10325
	Nov 2019	640	62	43	660	11.1	21	660	670	1083.52	10305
	Dec 2019	720	51	37	600	9.8	17	600	677	1084.82	10415
	Jan 2020	1140	82	31	574	9.3	11	574	714	1091.47	10984
	Feb 2020	1190	83	29	663	11.5	10	663	749	1097.58	11520
	Mar 2020	1140	65	33	989	16.1	20	989	759	1099.30	11673
	Apr 2020	1110	62	41	1063	17.9	24	1063	761	1099.77	11715
	May 2020	1220	36	47	1003	16.3	33	1003	772	1101.59	11877
	Jun 2020	1170	15	58	926	15.6	33	926	782	1103.35	12036
	Jul 2020	1320	82	73	835	13.6	36	835	810	1108.04	12465
	Aug 2020	1465	104	80	733	11.9	33	733	854	1115.26	13144
	Sep 2020	1080	81	67	717	12.1	26	717	876	1118.68	13473
	WY 2020	12835	817	582	9260		295	9260			
	Oct 2020	640	82	50	482	7.8	28	482	886	1120.25	13625
	Nov 2020	640	54	50	605	10.2	20	605	887	1120.44	13644
	Dec 2020	720	51	43	566	9.2	16	566	896	1121.85	13782
	Jan 2021	760	83	35	574	9.3	11	574	909	1123.96	13990
	Feb 2021	680	91	33	659	11.9	10	659	914	1124.62	14055
	Mar 2021	710	57	36	988	16.1	20	988	897	1121.97	13794

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2019 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 2018	1015	-3	17	1001	0	1001	16.8	642.40	1682
H	May 2018	1055	-11	22	1001	0	1001	16.3	643.17	1703
I	Jun 2018	986	-21	26	909	0	909	15.3	644.29	1734
S	Jul 2018	820	-6	26	827	0	827	13.4	642.91	1696
T	Aug 2018	749	-13	23	730	0	730	11.9	642.29	1679
O	Sep 2018	725	-11	18	814	0	814	13.7	637.87	1561
	WY 2018	9240	-103	198	8981	0	8981			
R	Oct 2018	641	-11	15	635	0	635	10.3	637.08	1540
I	Nov 2018	690	-28	11	610	0	610	10.3	638.62	1581
C	Dec 2018	468	-14	9	375	0	386	6.3	640.79	1639
A	Jan 2019	487	-29	10	418	0	418	6.8	641.89	1668
L	Feb 2019	621	-6	10	569	0	569	10.2	643.20	1704
*	Mar 2019	738	7	13	729	0	749	12.2	642.57	1687
	Apr 2019	941	-17	17	896	0	896	15.1	643.00	1699
	May 2019	1022	-11	22	989	0	989	16.1	643.00	1699
	Jun 2019	936	-16	25	894	0	894	15.0	643.00	1699
	Jul 2019	836	-12	25	826	0	826	13.4	642.00	1671
	Aug 2019	787	-11	23	753	0	753	12.2	642.00	1671
	Sep 2019	746	-12	18	769	0	769	12.9	640.01	1618
	WY 2019	8911	-162	198	8463	0	8495			
	Oct 2019	498	-4	15	663	0	663	10.8	633.00	1434
	Nov 2019	660	-19	10	579	0	579	9.7	635.00	1486
	Dec 2019	600	-12	9	482	0	482	7.8	638.71	1583
	Jan 2020	574	-16	10	465	0	465	7.6	641.80	1666
	Feb 2020	663	-13	10	640	0	640	11.1	641.80	1666
	Mar 2020	989	-15	13	926	0	926	15.1	643.05	1700
	Apr 2020	1063	-17	17	1031	0	1031	17.3	643.00	1699
	May 2020	1003	-11	22	969	0	969	15.8	643.00	1699
	Jun 2020	926	-16	25	884	0	884	14.9	643.00	1699
	Jul 2020	835	-12	25	826	0	826	13.4	642.00	1671
	Aug 2020	733	-11	23	699	0	699	11.4	642.00	1671
	Sep 2020	717	-12	18	740	0	740	12.4	640.01	1618
	WY 2020	9260	-159	197	8903	0	8903			
	Oct 2020	482	-4	15	646	0	646	10.5	633.00	1434
	Nov 2020	605	-19	10	525	0	525	8.8	635.00	1486
	Dec 2020	566	-12	9	447	0	447	7.3	638.71	1583
	Jan 2021	574	-16	10	465	0	465	7.6	641.80	1666
	Feb 2021	659	-13	10	636	0	636	11.4	641.80	1666
	Mar 2021	988	-15	13	926	0	926	15.1	643.05	1700

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2019 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 2018	1001	-8	11	735	12.4	75	168	447.13	564	175	2.9
H	May 2018	1001	10	13	697	11.3	87	178	448.51	590	124	2.0
I	Jun 2018	909	6	15	712	12.0	91	88	448.43	588	131	2.2
S	Jul 2018	827	20	17	656	10.7	101	72	448.00	580	133	2.2
T	Aug 2018	730	22	17	611	9.9	99	22	447.53	571	104	1.7
O	Sep 2018	814	9	15	512	8.6	95	164	448.95	598	94	1.6
	WY 2018	8981	100	139	6479		910	1431			1500	
R	Oct 2018	635	23	12	394	6.4	86	176	448.12	582	68	1.1
I	Nov 2018	610	16	9	357	6.0	85	173	447.99	580	97	1.6
C	Dec 2018	386	26	7	218	3.5	70	143	446.53	552	105	1.7
A	Jan 2019	418	19	6	250	4.1	87	91	446.58	553	122	2.0
L	Feb 2019	569	13	8	372	6.7	31	151	447.53	571	143	2.6
*	Mar 2019	749	-4	9	630	10.2	11	83	447.86	577	186	3.0
	Apr 2019	896	12	11	719	12.1	27	137	448.00	580	166	2.8
	May 2019	989	13	13	715	11.6	71	181	448.50	589	135	2.2
	Jun 2019	894	11	16	731	12.3	68	73	448.70	593	140	2.3
	Jul 2019	826	19	17	683	11.1	71	75	448.00	580	138	2.2
	Aug 2019	753	20	17	612	9.9	67	75	447.50	571	110	1.8
	Sep 2019	769	14	15	515	8.6	64	180	447.50	570	100	1.7
	WY 2019	8495	182	140	6194		738	1536			1508	
	Oct 2019	663	24	12	468	7.6	20	180	447.50	571	63	1.0
	Nov 2019	579	14	9	375	6.3	21	183	447.50	571	97	1.6
	Dec 2019	482	22	7	303	4.9	22	186	446.50	552	104	1.7
	Jan 2020	465	18	6	265	4.3	87	121	446.50	552	125	2.0
	Feb 2020	640	11	8	435	7.6	81	121	446.50	552	152	2.6
	Mar 2020	926	5	9	711	11.6	10	189	446.70	555	192	3.1
	Apr 2020	1031	12	11	733	12.3	66	184	448.70	593	178	3.0
	May 2020	969	13	13	698	11.4	69	189	448.70	593	119	1.9
	Jun 2020	884	11	16	721	12.1	66	79	448.70	593	127	2.1
	Jul 2020	826	19	17	681	11.1	69	79	448.00	580	135	2.2
	Aug 2020	699	20	17	601	9.8	69	29	447.50	571	104	1.7
	Sep 2020	740	14	15	511	8.6	66	152	447.50	570	96	1.6
	WY 2020	8903	182	139	6502		645	1693			1491	
	Oct 2020	646	24	12	488	7.9	22	141	447.50	571	65	1.1
	Nov 2020	525	14	9	362	6.1	21	141	447.50	571	99	1.7
	Dec 2020	447	22	7	314	5.1	22	141	446.50	552	109	1.8
	Jan 2021	465	18	6	265	4.3	86	122	446.50	552	125	2.0
	Feb 2021	636	11	8	435	7.8	76	122	446.50	552	152	2.7
	Mar 2021	926	5	9	710	11.5	10	190	446.70	555	192	3.1

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2019 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 2018	1015	17.1	1084.49	10387	-308	437.15	880.9	406.2	55	400.0
H	May 2018	1055	17.1	1080.00	10011	-376	432.39	1385.9	412.1	88	390.8
I	Jun 2018	986	16.6	1076.81	9748	-263	428.91	1552.0	378.6	100	384.1
S	Jul 2018	820	13.3	1077.43	9799	51	432.34	1552.0	313.2	100	382.0
T	Aug 2018	749	12.2	1078.88	9918	119	435.01	1562.0	287.4	100	383.8
O	Sep 2018	725	12.2	1078.29	9870	-49	434.15	1562.0	278.7	100	384.7
WY 2018		9240							3614.3		
R	Oct 2018	641	10.4	1078.52	9889	19	435.29	1406.1	247.8	87	386.7
I	Nov 2018	690	11.6	1078.32	9872	-16	434.47	755.0	266.1	49	385.8
C	Dec 2018	453	7.6	1081.46	10132	260	438.59	959.9	179.6	61	396.6
A	Jan 2019	487	7.9	1085.75	10493	361	442.10	1006.1	183.4	63	376.8
L	Feb 2019	621	11.2	1087.97	10682	189	443.82	1119.0	246.4	70	396.7
*	Mar 2019	738	12.0	1090.24	10878	195	444.26	1112.0	295.7	70	400.6
	Apr 2019	941	15.8	1087.86	10673	-205	440.96	810.1	392.3	51	417.1
	May 2019	1022	16.6	1084.06	10350	-323	437.75	796.0	423.5	51	414.3
	Jun 2019	936	15.7	1081.36	10124	-226	429.21	1562.0	364.2	100	389.2
	Jul 2019	836	13.6	1081.38	10126	2	428.21	1552.0	326.4	100	390.3
	Aug 2019	787	12.8	1082.53	10221	95	429.11	1562.0	305.7	100	388.7
	Sep 2019	746	12.5	1081.95	10173	-48	430.04	1562.0	290.0	100	388.6
WY 2019		8896							3521.0		
	Oct 2019	498	8.1	1083.77	10325	152	434.25	1371.0	195.4	88	392.1
	Nov 2019	660	11.1	1083.52	10305	-20	438.08	1260.1	258.9	81	392.3
	Dec 2019	600	9.8	1084.82	10415	110	437.31	1188.0	235.7	75	392.5
	Jan 2020	574	9.3	1091.47	10984	570	439.65	1116.0	225.7	70	393.1
	Feb 2020	663	11.5	1097.58	11520	536	445.12	1095.0	267.0	68	402.7
	Mar 2020	989	16.1	1099.30	11673	153	447.28	1283.0	399.0	81	403.6
	Apr 2020	1063	17.9	1099.77	11715	42	448.26	1219.0	437.4	78	411.6
	May 2020	1003	16.3	1101.59	11877	163	447.03	1539.0	400.2	100	399.1
	Jun 2020	926	15.6	1103.35	12036	158	448.81	1528.0	375.6	100	405.7
	Jul 2020	835	13.6	1108.04	12465	429	452.34	1528.0	343.2	100	410.8
	Aug 2020	733	11.9	1115.26	13144	679	458.58	1392.0	299.9	100	409.4
	Sep 2020	717	12.1	1118.68	13473	329	464.51	1544.9	297.3	100	414.5
WY 2020		9260							3735.2		
	Oct 2020	482	7.8	1120.25	13625	153	470.63	1364.6	200.7	88	416.7
	Nov 2020	605	10.2	1120.44	13644	18	474.59	1254.7	255.3	81	421.9
	Dec 2020	566	9.2	1121.85	13782	138	474.10	1178.9	235.8	75	416.6
	Jan 2021	574	9.3	1123.96	13990	208	474.25	1104.6	240.5	70	418.7
	Feb 2021	659	11.9	1124.62	14055	65	474.77	1089.3	281.7	68	427.6
	Mar 2021	988	16.1	1121.97	13794	-261	472.02	1273.2	418.5	81	423.5

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2019 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 2018	1001	16.8	642.40	1682	-5	141.14	207.4	125.1	81	125.0
H	May 2018	1001	16.3	643.17	1703	21	141.89	204.0	126.2	80	126.1
I	Jun 2018	909	15.3	644.29	1734	31	143.00	255.0	115.0	100	126.6
S	Jul 2018	827	13.4	642.91	1696	-38	141.79	255.0	105.3	100	127.4
T	Aug 2018	730	11.9	642.29	1679	-17	141.02	255.0	92.7	100	127.1
O	Sep 2018	814	13.7	637.87	1561	-119	136.59	255.0	101.2	100	124.3
WY 2018		8981							1126.3		
R	Oct 2018	635	10.3	637.08	1540	-21	135.95	184.3	77.8	72	122.4
I	Nov 2018	610	10.3	638.62	1581	40	137.20	158.1	78.4	62	128.4
C	Dec 2018	375	6.3	640.79	1639	58	140.00	153.0	47.3	60	126.1
A	Jan 2019	418	6.8	641.89	1668	30	143.26	159.6	56.8	63	135.8
L	Feb 2019	569	10.2	643.20	1704	36	144.69	209.5	68.8	82	120.9
*	Mar 2019	729	12.2	642.57	1687	-17	140.17	218.8	94.8	86	130.1
	Apr 2019	896	15.1	643.00	1699	12	139.02	210.8	112.2	83	125.2
	May 2019	989	16.1	643.00	1699	0	138.88	255.0	123.7	100	125.1
	Jun 2019	894	15.0	643.00	1699	0	139.24	255.0	112.2	100	125.4
	Jul 2019	826	13.4	642.00	1671	-27	139.31	255.0	103.7	100	125.5
	Aug 2019	753	12.2	642.00	1671	0	139.25	255.0	94.4	100	125.5
	Sep 2019	769	12.9	640.01	1618	-54	138.00	255.0	95.6	100	124.3
WY 2019		8463							1065.6		
	Oct 2019	663	10.8	633.00	1434	-183	134.33	208.9	80.3	82	121.0
	Nov 2019	579	9.7	635.00	1486	51	132.25	153.0	69.0	60	119.1
	Dec 2019	482	7.8	638.71	1583	97	135.93	200.7	59.0	79	122.5
	Jan 2020	465	7.6	641.80	1666	83	139.45	179.3	58.4	70	125.6
	Feb 2020	640	11.1	641.80	1666	0	139.49	189.9	80.4	74	125.7
	Mar 2020	926	15.1	643.05	1700	34	138.66	255.0	115.7	100	124.9
	Apr 2020	1031	17.3	643.00	1699	-1	138.50	255.0	128.6	100	124.8
	May 2020	969	15.8	643.00	1699	0	138.99	255.0	121.3	100	125.2
	Jun 2020	884	14.9	643.00	1699	0	139.30	255.0	111.0	100	125.5
	Jul 2020	826	13.4	642.00	1671	-27	139.31	255.0	103.6	100	125.5
	Aug 2020	699	11.4	642.00	1671	0	139.59	255.0	87.9	100	125.8
	Sep 2020	740	12.4	640.01	1618	-54	138.19	255.0	92.2	100	124.5
WY 2020		8903							1107.3		
	Oct 2020	646	10.5	633.00	1434	-183	134.44	208.9	78.3	82	121.1
	Nov 2020	525	8.8	635.00	1486	51	132.64	153.0	62.7	60	119.5
	Dec 2020	447	7.3	638.71	1583	97	136.18	200.7	54.9	79	122.7
	Jan 2021	465	7.6	641.80	1666	83	139.45	179.3	58.4	70	125.6
	Feb 2021	636	11.4	641.80	1666	0	139.36	189.4	79.8	74	125.6
	Mar 2021	926	15.1	643.05	1700	34	138.66	255.0	115.6	100	124.9

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2019 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 2018	735	12.4	447.13	564	-6	81.11	120.0	50.8	100	69.1
H	May 2018	697	11.3	448.51	590	26	82.36	120.0	48.5	100	69.6
I	Jun 2018	712	12.0	448.43	588	-1	80.33	120.0	49.7	100	69.9
S	Jul 2018	656	10.7	448.00	580	-8	81.97	120.0	46.0	100	70.2
T	Aug 2018	611	9.9	447.53	571	-9	79.27	120.0	42.7	100	69.9
O	Sep 2018	512	8.6	448.95	598	27	83.02	120.0	35.9	100	70.1
WY 2018		6479							451.7		
R	Oct 2018	394	6.4	448.12	582	-16	82.83	90.0	27.9	75	70.9
I	Nov 2018	350	6.0	447.99	580	-3	82.25	93.0	26.1	78	74.4
C	Dec 2018	218	3.5	446.53	552	-27	81.03	116.1	12.9	97	59.1
A	Jan 2019	250	4.1	446.58	553	1	82.75	117.1	17.0	98	68.2
L	Feb 2019	372	6.7	447.53	571	18	81.87	95.4	25.5	79	68.6
*	Mar 2019	630	10.2	447.86	577	6	82.11	111.3	44.3	93	70.4
	Apr 2019	719	12.1	448.00	580	3	75.52	115.0	47.6	96	66.2
	May 2019	715	11.6	448.50	589	9	75.70	118.1	47.4	98	66.3
	Jun 2019	731	12.3	448.70	593	4	75.95	120.0	48.6	100	66.5
	Jul 2019	683	11.1	448.00	580	-13	75.71	120.0	45.2	100	66.2
	Aug 2019	612	9.9	447.50	571	-9	75.13	120.0	40.1	100	65.5
	Sep 2019	515	8.6	447.50	570	0	74.89	120.0	33.4	100	65.0
WY 2019		6187							416.1		
	Oct 2019	468	7.6	447.50	571	0	76.29	90.0	30.9	75	66.0
	Nov 2019	375	6.3	447.50	571	0	76.14	93.0	24.4	78	65.1
	Dec 2019	303	4.9	446.50	552	-19	74.65	114.2	19.1	95	63.0
	Jan 2020	265	4.3	446.50	552	0	75.07	94.8	16.7	79	62.8
	Feb 2020	435	7.6	446.50	552	0	75.16	93.1	28.3	78	65.1
	Mar 2020	711	11.6	446.70	555	4	74.01	120.0	46.2	100	64.9
	Apr 2020	733	12.3	448.70	593	38	75.08	120.0	48.3	100	65.9
	May 2020	698	11.4	448.70	593	0	76.05	120.0	46.4	100	66.5
	Jun 2020	721	12.1	448.70	593	0	76.05	120.0	48.0	100	66.6
	Jul 2020	681	11.1	448.00	580	-13	75.71	120.0	45.0	100	66.2
	Aug 2020	601	9.8	447.50	571	-9	75.13	120.0	39.3	100	65.5
	Sep 2020	511	8.6	447.50	570	0	74.89	120.0	33.2	100	65.0
WY 2020		6502							425.8		
	Oct 2020	488	7.9	447.50	571	0	76.29	90.0	32.3	75	66.1
	Nov 2020	362	6.1	447.50	571	0	76.19	92.0	23.5	77	65.1
	Dec 2020	314	5.1	446.50	552	-19	74.86	109.4	19.9	91	63.3
	Jan 2021	265	4.3	446.50	552	0	75.07	94.8	16.6	79	62.8
	Feb 2021	435	7.8	446.50	552	0	75.21	92.1	28.3	77	65.2
	Mar 2021	710	11.5	446.70	555	4	74.01	120.0	46.1	100	64.9

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2019 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 2018		318	39	23	27	16	5
H May 2018		318	63	23	33	20	7
I Jun 2018		343	50	27	34	20	8
S Jul 2018		384	48	27	36	20	8
T Aug 2018		393	50	24	33	19	7
O Sep 2018		288	47	8	29	16	1
Summer 2018		2045	297	133	193	111	36
R Oct 2018		268	39	11	19	9	4
I Nov 2018		248	36	5	4	2	5
C Dec 2018		313	47	5	6	2	5
A Jan 2019		335	47	4	6	1	4
L Feb 2019		302	42	6	8	1	3
* Mar 2019		325	22	6	9	4	3
Winter 2019		1790	233	36	51	19	24
Apr 2019		269	36	8	16	10	4
May 2019		279	45	54	90	23	6
Jun 2019		313	104	59	98	22	8
Jul 2019		363	48	30	37	21	10
Aug 2019		380	48	34	40	21	9
Sep 2019		289	46	33	39	20	3
Summer 2019		1893	327	218	319	118	41
Oct 2019		271	52	26	31	16	7
Nov 2019		270	50	20	25	13	6
Dec 2019		304	52	34	41	21	6
Jan 2020		478	52	33	41	19	6
Feb 2020		494	48	20	25	0	5
Mar 2020		470	34	14	20	8	5
Winter 2020		2287	287	147	184	77	34
Apr 2020		458	33	19	29	16	5
May 2020		509	35	58	99	23	7
Jun 2020		499	104	29	45	22	8
Jul 2020		571	48	29	36	21	10
Aug 2020		630	48	32	37	20	10
Sep 2020		462	46	29	35	18	2
Summer 2020		3128	313	196	281	120	41
Oct 2020		273	48	21	26	13	8
Nov 2020		272	50	20	24	12	4
Dec 2020		305	52	34	42	21	4
Jan 2021		321	52	23	29	15	4
Feb 2021		287	47	17	22	11	3
Mar 2021		299	34	0	18	10	4
Winter 2021		1458	249	116	142	73	23

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2019 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 2019	813	580	741	15273	17407	16499	33906	568	580	741	1888	15273	16499	33660	1500	941	0	27.7
May 2019	744	485	529	14679	16438	16704	33141	492	485	529	1506	14679	16704	32889	1500	1022	0	30.3
Jun 2019	563	334	261	12376	13534	17027	30561	294	331	261	886	12376	17027	30289	1500	936	0	33.4
Jul 2019	426	124	33	9588	10170	17253	27422	146	113	33	291	9588	17253	27131	1500	836	0	34.2
								****CREDITABLE SPACE****										
Aug 2019	300	11	30	8989	9331	17251	26582	300	11	30	341	8989	17251	26582	1500	787	0	34.1
Sep 2019	330	15	41	9135	9522	17156	26677	330	15	41	386	9135	17156	26677	2270	746	0	33.8
Oct 2019	399	62	32	9201	9693	17204	26897	399	62	32	492	9201	17204	26897	3040	498	0	33.7
Nov 2019	475	104	3	9169	9750	17052	26802	475	104	3	582	9169	17052	26802	3810	660	0	33.6
Dec 2019	554	138	-14	9216	9893	17072	26965	554	138	-14	677	9216	17072	26965	4580	600	0	33.5
Jan 2020	655	223	-21	9366	10223	16962	27186	655	223	-21	857	9366	16962	27186	5350	574	0	33.4
								****EFFECTIVE SPACE****										
Jan 2020	655	223	-21	9366	10223	16962	27186	449	218	-21	646	9366	16962	26974	5350	574	0	33.4
Feb 2020	752	309	4	9860	10925	16393	27318	545	305	4	854	9860	16393	27106	1500	663	0	33.3
Mar 2020	835	354	69	10381	11639	15857	27496	628	349	69	1046	10381	15857	27284	1500	989	0	33.1
Apr 2020	817	364	177	10656	12014	15704	27718	605	360	177	1142	10656	15704	27501	1500	1063	0	33.3
May 2020	749	339	276	10519	11883	15662	27545	530	334	276	1140	10519	15662	27321	1500	1003	0	35.2
Jun 2020	538	316	93	9246	10193	15500	25693	302	301	93	696	9246	15500	25441	1500	926	0	37.5
Jul 2020	411	78	-33	7567	8023	15341	23364	162	59	-33	188	7567	15341	23096	1500	835	0	38.0
								****CREDITABLE SPACE****										
Aug 2020	270	22	11	7564	7868	14912	22779	270	22	11	303	7564	14912	22779	1500	733	0	37.9
Sep 2020	296	38	72	8246	8653	14233	22886	296	38	72	407	8246	14233	22886	2270	717	0	37.6
Oct 2020	363	79	153	8670	9265	13904	23169	363	79	153	595	8670	13904	23169	3040	482	0	37.4
Nov 2020	431	101	131	8680	9343	13752	23095	431	101	131	663	8680	13752	23095	3810	605	0	37.3
Dec 2020	513	133	132	8750	9529	13733	23262	513	133	132	779	8750	13733	23262	4580	566	0	37.2
Jan 2021	619	220	140	8926	9905	13595	23500	619	220	140	979	8926	13595	23500	5350	574	0	37.1
								****EFFECTIVE SPACE****										
Jan 2021	619	220	140	8926	9905	13595	23500	177	123	-76	224	8926	13595	22745	5350	574	0	37.1
Feb 2021	719	273	150	9153	10295	13387	23682	278	176	-67	387	9153	13387	22928	1500	659	0	36.9
Mar 2021	803	310	149	9319	10580	13322	23903	361	214	-68	506	9319	13322	23147	1500	988	0	36.6

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

Model Run ID: 3089

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