

To: All Annual Operating Plan (AOP) Recipients

From: Lower Colorado Basin Region
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In addition to the April 2020 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. Additionally, 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/2020/April-Chart.pdf>.

The water year 2020 unregulated inflow into Lake Powell in the April Probable Minimum inflow scenario is 6.73 maf, or 62 percent of average. Consistent with the Interim Guidelines, the April Probable Minimum 24-Month Study results in a projected release volume from Glen Canyon Dam of 8.23 maf in water year 2020 and 9.00 maf in water year 2021. With intervening flows between Lake Powell and Lake Mead of 0.90 maf in water year 2020, Lake Mead's elevation is projected to be 1,083.38 feet on September 30, 2020.

The 2020 AOP is available for download at:
<https://www.usbr.gov/lc/region/g4000/aop/AOP20.pdf>.

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

The Colorado River Drought Contingency Plans are available for download at:
<https://www.usbr.gov/lc/region/programs/dcp.html>.

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2020 24-Month Study

Minimum Probable Inflow*

Fontenelle Reservoir



— BUREAU OF —
RECLAMATION

	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 2019	114	1	71	0	71	6474.10	137
H	May 2019	167	1	98	0	98	6486.46	204
I	Jun 2019	337	2	107	171	278	6494.89	261
S	Jul 2019	184	3	86	39	125	6502.48	317
T	Aug 2019	57	2	74	0	74	6499.98	298
O	Sep 2019	41	2	19	47	66	6496.36	271
	WY 2019	1101	15	799	278	1077		
R	Oct 2019	50	1	61	7	67	6493.83	253
I	Nov 2019	46	1	63	0	63	6491.39	236
C	Dec 2019	36	1	64	0	64	6487.01	208
A	Jan 2020	34	1	64	0	64	6481.89	177
L	Feb 2020	32	1	60	0	60	6476.34	147
*	Mar 2020	54	1	65	0	65	6473.94	136
	Apr 2020	59	1	65	0	65	6472.35	129
	May 2020	113	1	68	0	68	6481.15	173
	Jun 2020	206	2	92	0	92	6498.15	285
	Jul 2020	122	3	74	0	74	6504.08	330
	Aug 2020	54	2	71	0	71	6501.62	311
	Sep 2020	33	2	20	45	65	6497.04	277
	WY 2020	839	15	767	52	819		
	Oct 2020	36	1	64	0	64	6492.87	247
	Nov 2020	38	1	60	0	60	6489.51	225
	Dec 2020	30	1	61	0	61	6484.63	194
	Jan 2021	28	1	61	0	61	6478.71	160
	Feb 2021	26	0	56	0	56	6472.53	130
	Mar 2021	47	0	61	0	61	6469.18	116
	Apr 2021	65	1	60	0	60	6470.34	121
	May 2021	116	1	61	0	61	6481.34	174
	Jun 2021	180	2	66	0	66	6498.24	286
	Jul 2021	99	3	74	0	74	6501.20	308
	Aug 2021	47	2	71	0	71	6497.69	282
	Sep 2021	33	2	21	45	65	6492.92	248
	WY 2021	746	14	716	45	761		
	Oct 2021	36	1	61	0	61	6488.96	222
	Nov 2021	39	1	60	0	60	6485.81	201
	Dec 2021	32	1	61	0	61	6480.73	171
	Jan 2022	30	1	61	0	61	6474.49	139
	Feb 2022	28	0	56	0	56	6468.02	111
	Mar 2022	53	0	63	0	63	6465.26	100

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2020 24-Month Study

Minimum Probable Inflow*

Flaming Gorge Reservoir



— BUREAU OF —
RECLAMATION

	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 2019	240	198	5	71	0	71	133	6028.79	3303	341
H	May 2019	252	183	8	99	0	99	136	6030.71	3376	568
I	Jun 2019	460	400	11	215	100	315	139	6032.55	3448	950
S	Jul 2019	227	169	14	100	0	100	141	6033.89	3502	376
T	Aug 2019	59	76	13	109	0	109	139	6032.79	3458	151
O	Sep 2019	49	74	11	113	0	113	137	6031.57	3410	134
	WY 2019	1553	1529	82	1315	100	1415				3351
R	Oct 2019	53	70	7	80	0	80	136	6031.13	3393	109
I	Nov 2019	63	79	4	81	0	81	136	6030.99	3387	115
C	Dec 2019	39	67	2	128	0	128	134	6029.43	3327	169
A	Jan 2020	49	80	2	133	0	133	132	6028.03	3274	168
L	Feb 2020	47	76	2	124	0	124	130	6026.75	3225	157
*	Mar 2020	106	117	3	119	0	119	130	6026.61	3220	228
	Apr 2020	93	99	5	94	0	94	130	6026.63	3221	262
	May 2020	170	125	8	199	0	199	126	6024.52	3143	615
	Jun 2020	271	157	10	60	0	60	130	6026.76	3226	388
	Jul 2020	146	98	13	80	0	80	130	6026.90	3231	158
	Aug 2020	60	77	12	86	0	86	129	6026.35	3210	105
	Sep 2020	37	69	11	83	0	83	128	6025.71	3186	97
	WY 2020	1135	1115	80	1267	0	1267				2571
	Oct 2020	39	67	7	58	0	58	128	6025.76	3189	81
	Nov 2020	41	63	3	52	0	52	129	6025.95	3195	81
	Dec 2020	28	59	2	71	0	71	128	6025.60	3182	95
	Jan 2021	35	68	2	71	0	71	128	6025.48	3178	95
	Feb 2021	39	68	2	64	0	64	128	6025.54	3180	87
	Mar 2021	86	100	3	74	0	74	129	6026.14	3202	141
	Apr 2021	97	91	5	71	0	71	129	6026.52	3217	236
	May 2021	163	108	8	136	0	136	128	6025.60	3183	539
	Jun 2021	217	103	10	55	0	55	130	6026.58	3219	323
	Jul 2021	106	81	13	72	0	72	129	6026.47	3215	105
	Aug 2021	47	71	12	85	0	85	128	6025.78	3189	99
	Sep 2021	33	65	11	83	0	83	127	6025.02	3161	91
	WY 2021	930	945	78	893	0	893				1972
	Oct 2021	42	67	7	58	0	58	127	6025.07	3163	81
	Nov 2021	48	68	3	52	0	52	128	6025.41	3175	81
	Dec 2021	35	64	2	71	0	71	127	6025.20	3168	96
	Jan 2022	40	72	2	71	0	71	127	6025.18	3167	96
	Feb 2022	45	72	2	64	0	64	128	6025.34	3173	92
	Mar 2022	102	113	3	92	0	92	128	6025.80	3190	169

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

Model Run ID: 3116

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2020 24-Month Study

Minimum Probable Inflow*

Taylor Park Reservoir



— BUREAU OF —
RECLAMATION

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2019	10	7	9306.14	64
H	May 2019	21	26	9302.64	59
I	Jun 2019	68	38	9320.92	89
S	Jul 2019	47	32	9328.49	103
T	Aug 2019	15	24	9323.77	94
O	Sep 2019	7	20	9316.42	81
	WY 2019	191	168		
R	Oct 2019	7	11	9314.38	77
I	Nov 2019	5	6	9313.69	76
C	Dec 2019	5	6	9313.35	75
A	Jan 2020	5	6	9312.60	74
L	Feb 2020	4	6	9311.82	73
*	Mar 2020	5	6	9310.93	71
	Apr 2020	6	6	9310.92	71
	May 2020	19	13	9314.53	77
	Jun 2020	28	22	9318.13	84
	Jul 2020	14	22	9313.56	76
	Aug 2020	8	19	9306.29	64
	Sep 2020	6	18	9297.85	52
	WY 2020	112	140		
	Oct 2020	6	7	9296.62	51
	Nov 2020	5	5	9296.23	50
	Dec 2020	4	5	9295.31	49
	Jan 2021	4	5	9294.41	48
	Feb 2021	4	5	9293.51	47
	Mar 2021	4	5	9292.62	46
	Apr 2021	8	10	9290.62	44
	May 2021	23	14	9298.24	53
	Jun 2021	31	20	9305.75	63
	Jul 2021	11	24	9296.57	51
	Aug 2021	7	19	9286.26	39
	Sep 2021	6	18	9273.59	27
	WY 2021	112	137		
	Oct 2021	6	12	9266.05	22
	Nov 2021	5	5	9266.01	22
	Dec 2021	5	5	9265.23	21
	Jan 2022	4	5	9263.93	21
	Feb 2022	4	5	9262.50	20
	Mar 2022	4	5	9261.27	19

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2020 24-Month Study

Minimum Probable Inflow*

Blue Mesa Reservoir



— BUREAU OF —
RECLAMATION

	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 2019	121	118	0	33	0	33	7453.91	335
H	May 2019	214	218	1	86	18	105	7471.68	447
I	Jun 2019	471	444	1	124	70	194	7504.14	696
S	Jul 2019	282	266	2	87	51	138	7518.61	823
T	Aug 2019	92	100	1	76	62	137	7514.39	784
O	Sep 2019	32	45	1	45	47	93	7508.84	736
	WY 2019	1344	1320	7	601	260	859		
R	Oct 2019	28	32	1	63	3	85	7502.51	682
I	Nov 2019	31	32	0	54	0	72	7497.63	642
C	Dec 2019	30	30	0	70	0	85	7490.79	588
A	Jan 2020	26	28	0	44	0	61	7486.45	554
L	Feb 2020	23	25	0	30	0	41	7484.20	537
*	Mar 2020	34	36	0	38	0	38	7483.85	534
	Apr 2020	47	47	1	64	0	64	7481.47	517
	May 2020	134	128	1	194	0	194	7472.08	450
	Jun 2020	158	152	1	48	0	48	7486.32	553
	Jul 2020	71	79	1	74	0	74	7486.71	556
	Aug 2020	43	55	1	64	14	78	7483.52	532
	Sep 2020	29	41	1	72	0	72	7479.16	500
	WY 2020	655	684	8	815	18	912		
	Oct 2020	32	34	0	62	0	62	7475.13	471
	Nov 2020	29	30	0	15	0	15	7477.18	486
	Dec 2020	25	26	0	15	0	15	7478.65	496
	Jan 2021	24	26	0	16	0	16	7479.94	506
	Feb 2021	22	23	0	14	0	14	7481.21	515
	Mar 2021	34	35	0	0	18	18	7483.54	532
	Apr 2021	63	66	1	0	44	44	7486.28	553
	May 2021	156	146	1	6	37	43	7499.23	655
	Jun 2021	177	167	1	104	0	104	7506.52	716
	Jul 2021	62	75	1	80	0	80	7505.74	709
	Aug 2021	45	57	1	81	0	81	7502.71	684
	Sep 2021	29	41	1	76	0	76	7498.30	647
	WY 2021	699	724	8	470	99	568		
	Oct 2021	32	38	1	77	0	77	7493.31	607
	Nov 2021	30	30	0	21	0	21	7494.38	616
	Dec 2021	26	26	0	48	0	48	7491.61	594
	Jan 2022	24	25	0	48	0	48	7488.60	570
	Feb 2022	22	23	0	38	0	38	7486.65	556
	Mar 2022	36	37	0	36	0	36	7486.74	556

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2020 24-Month Study

Minimum Probable Inflow*

Morrow Point Reservoir



— BUREAU OF —
RECLAMATION

	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 2019	136	33	15	47	41	0	41	7155.16	113
H	May 2019	240	105	25	130	127	0	131	7154.68	113
I	Jun 2019	512	194	41	235	186	0	234	7155.10	113
S	Jul 2019	295	138	13	150	151	0	151	7154.18	112
T	Aug 2019	93	137	2	139	137	0	139	7153.99	112
O	Sep 2019	32	93	1	93	60	0	96	7151.09	110
	WY 2019	1446	859	102	961	858	0	949		
R	Oct 2019	29	85	1	86	78	0	89	7147.86	107
I	Nov 2019	31	72	1	72	71	0	71	7148.85	108
C	Dec 2019	30	85	1	85	85	0	85	7149.10	108
A	Jan 2020	27	61	1	61	63	0	63	7147.47	107
L	Feb 2020	23	41	0	41	41	0	41	7147.88	107
*	Mar 2020	36	38	2	40	42	0	42	7145.65	106
	Apr 2020	53	64	6	70	68	0	68	7147.94	107
	May 2020	149	194	15	209	209	0	209	7147.94	107
	Jun 2020	169	48	11	59	59	0	59	7147.94	107
	Jul 2020	74	74	3	78	78	0	78	7147.94	107
	Aug 2020	46	78	2	80	80	0	80	7147.94	107
	Sep 2020	31	72	2	74	74	0	74	7147.94	107
	WY 2020	699	912	44	956	947	0	958		
	Oct 2020	35	62	3	65	65	0	65	7147.94	107
	Nov 2020	31	15	2	17	17	0	17	7147.94	107
	Dec 2020	27	15	2	17	17	0	17	7147.94	107
	Jan 2021	26	16	2	18	18	0	18	7147.94	107
	Feb 2021	24	14	2	16	16	0	16	7147.94	107
	Mar 2021	38	18	4	21	21	0	21	7147.94	107
	Apr 2021	72	44	9	53	53	0	53	7147.94	107
	May 2021	171	43	16	59	59	0	59	7147.94	107
	Jun 2021	187	104	10	114	114	0	114	7147.94	107
	Jul 2021	64	80	2	82	82	0	82	7147.94	107
	Aug 2021	47	81	2	83	83	0	83	7147.94	107
	Sep 2021	31	76	2	78	78	0	78	7147.94	107
	WY 2021	755	568	55	624	624	0	624		
	Oct 2021	35	77	3	80	80	0	80	7147.94	107
	Nov 2021	32	21	2	23	23	0	23	7147.94	107
	Dec 2021	28	48	2	50	50	0	50	7147.94	107
	Jan 2022	27	48	2	51	51	0	51	7147.94	107
	Feb 2022	25	38	3	40	40	0	40	7147.94	107
	Mar 2022	40	36	4	40	40	0	40	7147.94	107

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2020 24-Month Study

Minimum Probable Inflow*

Crystal Reservoir



— BUREAU OF —
RECLAMATION

	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 2019	150	41	15	55	55	0	55	6753.29	17	26	29
H	May 2019	264	131	24	155	108	31	153	6759.30	19	47	105
I	Jun 2019	558	234	46	280	115	73	282	6753.12	17	51	231
S	Jul 2019	321	151	26	177	121	57	178	6746.79	15	59	124
T	Aug 2019	98	139	5	144	119	28	147	6733.35	12	64	87
O	Sep 2019	36	96	4	99	94	0	95	6750.61	16	61	33
	WY 2019	1587	949	142	1091	768	210	1087			344	747
R	Oct 2019	33	89	3	92	92	0	92	6749.75	16	64	29
I	Nov 2019	35	71	4	75	76	0	76	6746.90	15	2	72
C	Dec 2019	34	85	4	89	89	0	89	6746.40	15	0	86
A	Jan 2020	31	63	4	67	58	9	67	6745.61	15	1	64
L	Feb 2020	26	41	3	44	24	19	43	6748.71	16	1	43
*	Mar 2020	42	42	6	47	45	1	46	6754.38	17	11	33
	Apr 2020	60	68	7	76	77	0	77	6749.63	16	42	35
	May 2020	169	209	20	228	136	92	228	6749.63	16	62	166
	Jun 2020	189	59	20	78	78	0	78	6749.63	16	61	17
	Jul 2020	82	78	8	86	86	0	86	6749.63	16	65	21
	Aug 2020	52	80	6	86	86	0	86	6749.63	16	65	21
	Sep 2020	36	74	5	79	79	0	79	6749.63	16	55	24
	WY 2020	789	958	90	1048	926	122	1048			428	612
	Oct 2020	40	65	6	70	70	0	70	6749.63	16	30	40
	Nov 2020	35	17	4	21	21	0	21	6749.63	16	0	21
	Dec 2020	31	17	4	22	22	0	22	6749.63	16	0	22
	Jan 2021	30	18	4	22	22	0	22	6749.63	16	0	22
	Feb 2021	28	16	4	19	19	0	19	6749.63	16	0	19
	Mar 2021	43	21	6	27	27	0	27	6749.63	16	5	22
	Apr 2021	83	53	10	63	63	0	63	6749.63	16	42	21
	May 2021	193	59	21	80	80	0	80	6749.63	16	62	18
	Jun 2021	206	114	19	133	132	1	133	6749.63	16	61	72
	Jul 2021	70	82	6	88	88	0	88	6749.63	16	65	23
	Aug 2021	53	83	6	89	89	0	89	6749.63	16	65	24
	Sep 2021	37	78	5	83	52	31	83	6749.63	16	55	28
	WY 2021	848	624	94	717	685	33	717			385	332
	Oct 2021	41	80	6	86	86	0	86	6749.63	16	30	56
	Nov 2021	37	23	5	28	28	0	28	6749.63	16	0	28
	Dec 2021	32	50	5	55	55	0	55	6749.63	16	0	55
	Jan 2022	31	51	5	55	55	0	55	6749.63	16	0	55
	Feb 2022	29	40	4	44	44	0	44	6749.63	16	0	44
	Mar 2022	46	40	6	46	46	0	46	6749.63	16	5	41

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

Model Run ID: 3116

Processed On: 4/13/2020 9:43:35AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2020 24-Month Study

Minimum Probable Inflow*

Vallecito Reservoir



— BUREAU OF —
RECLAMATION

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2019	32	25	7631.32	47
H	May 2019	58	41	7640.08	64
I	Jun 2019	160	101	7664.36	124
S	Jul 2019	69	68	7664.45	124
T	Aug 2019	20	38	7657.21	105
O	Sep 2019	8	33	7646.82	79
	WY 2019	378	316		
R	Oct 2019	4	13	7643.13	71
I	Nov 2019	4	2	7644.14	73
C	Dec 2019	4	2	7645.07	75
A	Jan 2020	5	2	7646.26	78
L	Feb 2020	4	2	7647.01	80
*	Mar 2020	6	2	7648.55	84
	Apr 2020	12	2	7652.64	94
	May 2020	36	31	7654.38	98
	Jun 2020	44	43	7654.69	99
	Jul 2020	16	41	7643.76	73
	Aug 2020	12	38	7630.85	46
	Sep 2020	11	29	7619.23	28
	WY 2020	158	206		
	Oct 2020	11	16	7614.60	23
	Nov 2020	8	2	7618.86	28
	Dec 2020	6	2	7622.19	32
	Jan 2021	6	2	7624.68	36
	Feb 2021	5	2	7626.71	39
	Mar 2021	8	2	7629.97	45
	Apr 2021	19	2	7638.54	61
	May 2021	62	31	7651.94	92
	Jun 2021	49	43	7654.39	98
	Jul 2021	18	42	7644.25	74
	Aug 2021	15	38	7632.95	50
	Sep 2021	15	30	7624.05	35
	WY 2021	220	211		
	Oct 2021	11	17	7619.46	29
	Nov 2021	8	2	7623.11	34
	Dec 2021	6	2	7625.99	38
	Jan 2022	5	2	7628.10	42
	Feb 2022	5	2	7629.83	45
	Mar 2022	9	2	7633.44	51

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2020 24-Month Study

Minimum Probable Inflow*

Navajo Reservoir



— BUREAU OF —
RECLAMATION

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azotea 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 2019	230	24	203	2	20	20	6040.36	1117	102
H	May 2019	270	34	215	3	25	25	6054.45	1279	139
I	Jun 2019	491	57	376	4	36	114	6071.44	1501	386
S	Jul 2019	171	26	142	5	47	60	6073.56	1531	228
T	Aug 2019	40	6	52	4	42	78	6068.40	1459	104
O	Sep 2019	3	0	29	3	29	67	6063.13	1388	71
	WY 2019	1401	150	1188	26	211	483			1264
R	Oct 2019	6	0	15	2	6	33	6061.08	1362	46
I	Nov 2019	15	0	13	1	0	25	6060.04	1348	45
C	Dec 2019	17	0	15	1	1	36	6058.25	1326	62
A	Jan 2020	17	0	14	1	1	31	6056.81	1308	49
L	Feb 2020	17	0	15	1	3	24	6055.76	1295	38
*	Mar 2020	35	2	29	2	5	25	6055.57	1292	36
	Apr 2020	65	5	50	2	21	29	6055.37	1290	51
	May 2020	140	16	119	3	36	23	6059.92	1347	96
	Jun 2020	85	8	75	4	53	30	6059.03	1336	115
	Jul 2020	10	0	35	4	57	48	6053.03	1262	78
	Aug 2020	13	0	39	3	48	44	6048.27	1205	65
	Sep 2020	19	0	37	3	26	37	6045.73	1176	58
	WY 2020	437	31	456	26	256	385			739
	Oct 2020	27	0	33	2	9	25	6045.45	1173	45
	Nov 2020	25	0	20	1	0	21	6045.31	1172	38
	Dec 2020	22	0	18	1	0	22	6044.91	1167	37
	Jan 2021	21	0	17	1	0	22	6044.50	1162	36
	Feb 2021	27	1	23	1	0	19	6044.73	1165	32
	Mar 2021	80	7	68	1	6	22	6048.15	1204	41
	Apr 2021	120	13	90	2	22	21	6051.99	1249	62
	May 2021	221	28	162	3	37	22	6060.16	1350	145
	Jun 2021	142	16	119	4	53	29	6062.63	1382	144
	Jul 2021	23	1	45	4	57	40	6058.25	1326	80
	Aug 2021	19	1	41	3	48	38	6054.31	1277	65
	Sep 2021	26	1	41	3	26	31	6052.78	1259	56
	WY 2021	753	67	677	26	258	310			780
	Oct 2021	28	2	33	2	9	21	6052.80	1259	41
	Nov 2021	28	0	22	1	0	21	6052.85	1259	38
	Dec 2021	25	0	21	1	0	21	6052.72	1258	37
	Jan 2022	22	0	18	1	0	21	6052.41	1254	35
	Feb 2022	30	0	27	1	0	19	6052.96	1261	32
	Mar 2022	92	9	77	2	6	21	6056.90	1309	44

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2020 24-Month Study

Minimum Probable Inflow*

Lake Powell



— BUREAU OF —
RECLAMATION

	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 2019	1242	899	18	720	0	720	3571.12	4790	9198	734
H	May 2019	2511	1980	23	720	0	720	3584.65	4881	10343	752
I	Jun 2019	4206	3583	41	765	0	765	3611.82	5087	12914	807
S	Jul 2019	2451	2015	57	857	0	857	3621.60	5168	13933	896
T	Aug 2019	472	608	58	900	0	900	3618.55	5143	13610	932
O	Sep 2019	143	379	52	687	0	687	3615.36	5116	13277	703
	WY 2019	12951	11787	356	8924	77	9001				9242
R	Oct 2019	265	397	35	625	0	625	3612.99	5096	13034	633
I	Nov 2019	404	466	34	626	0	626	3611.23	5082	12855	630
C	Dec 2019	353	506	27	750	0	750	3608.74	5062	12604	756
A	Jan 2020	277	419	8	760	0	760	3605.48	5036	12281	768
L	Feb 2020	288	393	9	675	0	675	3602.72	5015	12011	687
*	Mar 2020	475	505	15	700	0	700	3600.71	4999	11818	713
	Apr 2020	605	612	23	630	0	630	3600.32	4996	11780	638
	May 2020	1343	1366	28	630	0	630	3607.06	5049	12436	636
	Jun 2020	1528	1212	45	650	0	650	3611.83	5087	12915	654
	Jul 2020	625	657	54	750	0	750	3610.49	5076	12779	760
	Aug 2020	304	443	53	835	0	835	3606.36	5043	12368	852
	Sep 2020	263	398	48	599	0	599	3604.01	5025	12137	614
	WY 2020	6730	7376	378	8230	0	8230				8341
	Oct 2020	349	405	33	640	0	640	3601.45	5005	11889	650
	Nov 2020	419	411	31	640	0	640	3598.92	4986	11648	649
	Dec 2020	330	362	25	720	0	720	3595.16	4957	11294	729
	Jan 2021	329	357	7	860	0	860	3590.01	4919	10821	877
	Feb 2021	372	382	8	750	0	750	3586.12	4892	10473	768
	Mar 2021	585	510	13	800	0	800	3582.93	4869	10193	813
	Apr 2021	747	638	20	710	0	710	3581.95	4862	10108	719
	May 2021	1625	1350	24	710	0	710	3588.42	4908	10678	716
	Jun 2021	1654	1377	39	750	0	750	3594.39	4951	11222	754
	Jul 2021	404	463	47	850	0	850	3589.99	4919	10820	865
	Aug 2021	256	399	46	900	0	900	3584.32	4879	10314	916
	Sep 2021	287	415	41	670	0	670	3581.17	4857	10040	685
	WY 2021	7356	7070	335	9000	0	9000				9141
	Oct 2021	361	426	28	480	0	480	3580.28	4851	9964	489
	Nov 2021	447	435	27	500	0	500	3579.29	4844	9878	502
	Dec 2021	363	417	22	600	0	600	3577.05	4829	9689	605
	Jan 2022	361	415	6	720	0	720	3573.60	4806	9401	731
	Feb 2022	393	418	7	640	0	640	3571.01	4789	9189	650
	Mar 2022	665	598	11	675	0	675	3570.00	4782	9107	689

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

Model Run ID: 3116

Processed On: 4/13/2020 9:43:35AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2020 24-Month Study

Minimum Probable Inflow*

Hoover Dam - Lake Mead



— BUREAU OF —
RECLAMATION

	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 2019	720	118	39	902	15.2	15	900	700	1088.95	10767
H	May 2019	720	108	45	989	16.1	18	988	686	1086.48	10555
I	Jun 2019	765	69	54	912	15.3	27	911	676	1084.71	10405
S	Jul 2019	857	20	67	946	15.4	33	946	666	1082.82	10246
T	Aug 2019	900	64	71	802	13.0	34	801	669	1083.45	10299
O	Sep 2019	687	58	59	696	11.7	30	690	667	1083.00	10261
	WY 2019	9001	1087	547	8892		234	8868			
R	Oct 2019	625	34	43	626	10.2	25	621	665	1082.61	10228
I	Nov 2019	626	116	40	575	9.7	13	553	672	1083.85	10333
C	Dec 2019	750	118	37	220	3.6	7	214	708	1090.49	10899
A	Jan 2020	760	75	31	405	6.6	9	404	732	1094.68	11265
L	Feb 2020	675	67	29	557	9.7	8	550	741	1096.27	11405
*	Mar 2020	700	150	33	593	9.6	6	568	755	1098.59	11610
	Apr 2020	630	46	41	889	14.9	22	889	738	1095.66	11351
	May 2020	630	32	46	1020	16.6	30	1020	711	1091.00	10944
	Jun 2020	650	21	55	968	16.3	30	968	688	1086.84	10586
	Jul 2020	750	56	68	865	14.1	30	865	678	1085.10	10438
	Aug 2020	835	95	72	826	13.4	31	826	679	1085.12	10440
	Sep 2020	599	88	59	758	12.7	26	758	669	1083.38	10293
	WY 2020	8230	897	553	8302		236	8236			
	Oct 2020	640	54	43	596	9.7	25	596	671	1083.71	10321
	Nov 2020	640	50	43	792	13.3	17	792	661	1081.90	10169
	Dec 2020	720	52	37	629	10.2	12	629	667	1082.97	10258
	Jan 2021	860	95	30	529	8.6	9	529	690	1087.26	10621
	Feb 2021	750	98	28	592	10.7	9	592	704	1089.66	10828
	Mar 2021	800	69	32	982	16.0	14	982	694	1087.93	10679
	Apr 2021	710	52	39	1045	17.6	21	1045	673	1084.14	10357
	May 2021	710	31	44	1020	16.6	29	1020	652	1080.19	10027
	Jun 2021	750	20	53	973	16.4	29	973	634	1076.94	9759
	Jul 2021	850	85	65	854	13.9	29	854	634	1076.79	9747
	Aug 2021	900	90	70	812	13.2	30	812	638	1077.69	9821
	Sep 2021	670	86	57	758	12.7	25	758	633	1076.72	9741
	WY 2021	9000	783	541	9581		248	9581			
	Oct 2021	480	75	42	580	9.4	24	580	628	1075.68	9656
	Nov 2021	500	68	41	696	11.7	16	696	616	1073.53	9482
	Dec 2021	600	64	36	535	8.7	11	535	621	1074.49	9560
	Jan 2022	720	95	29	541	8.8	13	541	636	1077.17	9778
	Feb 2022	640	101	27	601	10.8	15	601	642	1078.29	9870
	Mar 2022	675	91	30	931	15.1	20	931	628	1075.82	9668

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

Model Run ID: 3116

Processed On: 4/13/2020 9:43:35AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2020 24-Month Study

Minimum Probable Inflow*

Davis Dam - Lake Mohave



— BUREAU OF —
RECLAMATION

	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 2019	902	0	17	886	0	886	14.9	642.52	1686
H	May 2019	989	-9	22	937	0	937	15.2	643.32	1707
I	Jun 2019	912	-12	25	886	0	886	14.9	642.89	1696
S	Jul 2019	946	-11	25	895	0	894	14.5	643.48	1712
T	Aug 2019	802	-11	23	800	0	800	13.0	642.31	1680
O	Sep 2019	696	-17	18	767	0	767	12.9	638.35	1573
	WY 2019	8892	-142	198	8538	0	8539			
R	Oct 2019	626	-24	15	589	0	589	9.6	638.28	1572
I	Nov 2019	575	-4	11	457	0	457	7.7	642.13	1675
C	Dec 2019	220	0	9	247	0	247	4.0	640.77	1638
A	Jan 2020	405	0	10	380	0	380	6.2	641.32	1653
L	Feb 2020	557	-2	10	523	0	523	9.1	642.10	1674
*	Mar 2020	593	3	13	549	0	549	8.9	643.32	1708
	Apr 2020	889	-12	17	868	0	868	14.6	643.00	1699
	May 2020	1020	-10	22	988	0	988	16.1	643.00	1699
	Jun 2020	968	-15	25	927	0	927	15.6	643.00	1699
	Jul 2020	865	-12	25	855	0	855	13.9	642.00	1671
	Aug 2020	826	-12	23	791	0	791	12.9	642.00	1671
	Sep 2020	758	-15	18	779	0	779	13.1	640.01	1618
	WY 2020	8302	-103	198	7955	0	7955			
	Oct 2020	596	-10	15	754	0	754	12.3	633.00	1434
	Nov 2020	792	-19	10	712	0	712	12.0	635.00	1486
	Dec 2020	629	-12	9	489	0	489	8.0	639.51	1604
	Jan 2021	529	-21	10	436	0	436	7.1	641.80	1666
	Feb 2021	592	-10	10	572	0	572	10.3	641.80	1666
	Mar 2021	982	-12	13	923	0	923	15.0	643.05	1700
	Apr 2021	1045	-12	17	1017	0	1017	17.1	643.00	1699
	May 2021	1020	-10	22	988	0	988	16.1	643.00	1699
	Jun 2021	973	-15	25	933	0	933	15.7	643.00	1699
	Jul 2021	854	-12	25	844	0	844	13.7	642.00	1671
	Aug 2021	812	-12	23	777	0	777	12.6	642.00	1671
	Sep 2021	758	-15	18	779	0	779	13.1	640.01	1618
	WY 2021	9581	-159	197	9224	0	9224			
	Oct 2021	580	-10	15	738	0	738	12.0	633.00	1434
	Nov 2021	696	-19	10	616	0	616	10.3	635.00	1486
	Dec 2021	535	-12	9	395	0	395	6.4	639.51	1604
	Jan 2022	541	-21	10	448	0	448	7.3	641.80	1666
	Feb 2022	601	-10	10	581	0	581	10.5	641.80	1666
	Mar 2022	931	-12	13	872	0	872	14.2	643.05	1700

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

Model Run ID: 3116

Processed On: 4/13/2020 9:43:35AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2020 24-Month Study

Minimum Probable Inflow*

Parker Dam - Lake Havasu



— BUREAU OF —
RECLAMATION

	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 2019	886	6	11	712	12.0	28	144	447.29	567	170	2.9
H	May 2019	937	8	13	693	11.3	51	154	448.62	592	128	2.1
I	Jun 2019	886	11	15	717	12.0	53	104	448.47	589	138	2.3
S	Jul 2019	894	15	17	739	12.0	59	92	448.12	582	146	2.4
T	Aug 2019	800	15	17	636	10.3	67	102	447.22	565	111	1.8
O	Sep 2019	767	26	15	514	8.6	61	160	449.03	600	103	1.7
	WY 2019	8539	173	140	6231		690	1571			1515	
R	Oct 2019	589	18	12	430	7.0	30	151	447.77	576	68	1.1
I	Nov 2019	457	22	9	300	5.0	16	125	449.10	601	118	2.0
C	Dec 2019	247	18	7	159	2.6	46	72	448.16	583	109	1.8
A	Jan 2020	380	1	6	311	5.1	17	75	446.50	552	106	1.7
L	Feb 2020	523	-3	8	400	6.9	3	75	448.15	583	138	2.4
*	Mar 2020	549	16	9	455	7.4	43	94	446.04	543	198	3.2
	Apr 2020	868	8	11	607	10.2	53	159	448.00	580	152	2.5
	May 2020	988	15	13	696	11.3	99	174	448.50	589	124	2.0
	Jun 2020	927	11	16	713	12.0	96	97	448.70	593	139	2.3
	Jul 2020	855	18	17	706	11.5	99	52	448.00	580	151	2.5
	Aug 2020	791	17	17	626	10.2	111	52	447.50	571	114	1.9
	Sep 2020	779	17	15	530	8.9	109	131	447.50	570	110	1.9
	WY 2020	7955	158	140	5933		723	1257			1525	
	Oct 2020	754	24	12	459	7.5	111	190	447.50	571	69	1.1
	Nov 2020	712	16	9	414	7.0	108	192	447.50	571	88	1.5
	Dec 2020	489	22	7	284	4.6	110	126	446.50	552	93	1.5
	Jan 2021	436	20	6	255	4.1	100	91	446.50	552	102	1.7
	Feb 2021	572	10	8	392	7.1	90	84	446.50	552	127	2.3
	Mar 2021	923	5	9	637	10.4	100	170	446.70	555	167	2.7
	Apr 2021	1017	8	11	706	11.9	97	163	448.70	593	152	2.6
	May 2021	988	15	13	705	11.5	100	172	448.70	593	127	2.1
	Jun 2021	933	11	16	718	12.1	97	100	448.70	593	141	2.4
	Jul 2021	844	18	17	693	11.3	100	52	448.00	580	152	2.5
	Aug 2021	777	17	17	623	10.1	100	52	447.50	571	117	1.9
	Sep 2021	779	17	15	530	8.9	100	140	447.50	570	113	1.9
	WY 2021	9224	183	139	6417		1214	1530			1450	
	Oct 2021	738	24	12	470	7.6	100	173	447.50	571	73	1.2
	Nov 2021	616	16	9	355	6.0	97	166	447.50	571	91	1.5
	Dec 2021	395	22	7	236	3.8	100	88	446.50	552	96	1.6
	Jan 2022	448	20	6	252	4.1	100	105	446.50	552	99	1.6
	Feb 2022	581	10	8	389	7.0	90	98	446.50	552	123	2.2
	Mar 2022	872	5	9	632	10.3	100	124	446.70	555	161	2.6

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

Model Run ID: 3116

Processed On: 4/13/2020 9:43:35AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2020 24-Month Study

Minimum Probable Inflow*

Hoover Dam - Lake Mead



— BUREAU OF —
RECLAMATION

	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 2019	902	15.2	1088.95	10767	-111	439.99	810.1	365.4	51	405.2
H	May 2019	989	16.1	1086.48	10555	-211	440.79	803.9	398.2	51	402.5
I	Jun 2019	912	15.3	1084.71	10405	-150	439.38	1591.0	359.0	100	393.7
S	Jul 2019	946	15.4	1082.82	10246	-159	435.56	1486.0	371.7	93	392.7
T	Aug 2019	802	13.0	1083.45	10299	53	439.02	1297.0	313.5	81	390.9
O	Sep 2019	696	11.7	1083.00	10261	-38	439.88	1494.1	267.4	93	384.4
WY 2019		8877							3494.1		
R	Oct 2019	626	10.2	1082.61	10228	-33	439.17	1198.0	241.9	74	386.2
I	Nov 2019	575	9.7	1083.85	10333	104	438.74	1192.0	221.9	75	386.0
C	Dec 2019	220	3.6	1090.49	10899	567	448.42	838.0	81.6	52	371.4
A	Jan 2020	405	6.6	1094.68	11265	366	451.06	1152.1	160.0	70	395.1
L	Feb 2020	557	9.7	1096.27	11405	140	452.31	962.0	224.2	57	402.6
*	Mar 2020	593	9.6	1098.59	11610	205	450.96	1136.0	237.0	69	399.6
	Apr 2020	889	14.9	1095.66	11351	-259	446.71	1138.0	363.8	69	409.3
	May 2020	1020	16.6	1091.00	10944	-407	443.04	1118.0	414.4	69	406.2
	Jun 2020	968	16.3	1086.84	10586	-358	436.02	1493.9	378.2	94	390.9
	Jul 2020	865	14.1	1085.10	10438	-148	433.42	1480.0	343.5	94	397.0
	Aug 2020	826	13.4	1085.12	10440	1	432.24	1576.0	324.9	100	393.4
	Sep 2020	758	12.7	1083.38	10293	-147	432.03	1576.0	296.4	100	391.0
WY 2020		8302							3287.9		
	Oct 2020	596	9.7	1083.71	10321	28	436.36	1174.0	233.4	74	391.5
	Nov 2020	792	13.3	1081.90	10169	-152	436.58	1369.1	315.6	87	398.5
	Dec 2020	629	10.2	1082.97	10258	89	434.09	1389.0	245.6	87	390.5
	Jan 2021	529	8.6	1087.26	10621	363	435.21	1314.1	203.0	80	383.7
	Feb 2021	592	10.7	1089.66	10828	206	439.22	1111.0	233.1	67	394.0
	Mar 2021	982	16.0	1087.93	10679	-149	438.51	1197.9	397.1	73	404.3
	Apr 2021	1045	17.6	1084.14	10357	-322	435.36	1180.0	419.1	73	401.0
	May 2021	1020	16.6	1080.19	10027	-330	429.98	1395.0	395.9	88	388.3
	Jun 2021	973	16.4	1076.94	9759	-267	425.10	1576.0	370.1	100	380.4
	Jul 2021	854	13.9	1076.79	9747	-12	423.75	1576.0	330.4	100	387.1
	Aug 2021	812	13.2	1077.69	9821	74	424.44	1576.0	313.2	100	385.8
	Sep 2021	758	12.7	1076.72	9741	-80	425.05	1497.8	291.6	100	384.9
WY 2021		9581							3748.1		
	Oct 2021	580	9.4	1075.68	9656	-85	429.06	1119.3	222.7	74	384.3
	Nov 2021	696	11.7	1073.53	9482	-174	428.44	1302.7	268.5	87	385.9
	Dec 2021	535	8.7	1074.49	9560	77	425.74	1313.6	201.3	87	376.2
	Jan 2022	541	8.8	1077.17	9778	218	426.00	1232.2	204.1	80	377.6
	Feb 2022	601	10.8	1078.29	9870	92	428.55	1036.5	232.1	67	386.0
	Mar 2022	931	15.1	1075.82	9668	-202	426.85	1117.2	364.0	73	391.1

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

Model Run ID: 3116

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2020 24-Month Study

Minimum Probable Inflow*

Davis Dam - Lake Mohave



— BUREAU OF —
RECLAMATION

	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 2019	886	14.9	642.52	1686	-1	142.03	210.8	111.9	83	126.3
H	May 2019	937	15.2	643.32	1707	22	139.79	238.6	119.5	94	127.6
I	Jun 2019	886	14.9	642.89	1696	-12	140.50	255.0	113.6	100	128.3
S	Jul 2019	895	14.5	643.48	1712	16	142.50	255.0	113.2	100	126.5
T	Aug 2019	800	13.0	642.31	1680	-32	139.60	255.0	101.8	100	127.3
O	Sep 2019	767	12.9	638.35	1573	-107	137.20	255.0	96.0	100	125.1
WY 2019		8538							1079.9		
R	Oct 2019	589	9.6	638.28	1572	-2	138.85	243.5	73.2	95	124.4
I	Nov 2019	457	7.7	642.13	1675	103	143.18	153.0	55.6	60	121.7
C	Dec 2019	247	4.0	640.77	1638	-37	141.96	156.3	30.5	61	123.7
A	Jan 2020	380	6.2	641.32	1653	15	141.95	156.3	49.9	61	131.3
L	Feb 2020	523	9.1	642.10	1674	21	139.59	156.5	68.9	61	131.6
*	Mar 2020	549	8.9	643.32	1708	33	142.51	164.5	67.4	65	122.6
	Apr 2020	868	14.6	643.00	1699	-9	139.55	253.3	109.2	99	125.7
	May 2020	988	16.1	643.00	1699	0	138.88	255.0	123.6	100	125.1
	Jun 2020	927	15.6	643.00	1699	0	139.05	255.0	116.2	100	125.3
	Jul 2020	855	13.9	642.00	1671	-27	139.13	255.0	107.2	100	125.3
	Aug 2020	791	12.9	642.00	1671	0	139.02	255.0	99.1	100	125.2
	Sep 2020	779	13.1	640.01	1618	-54	137.93	255.0	96.8	100	124.3
WY 2020		7955							997.7		
	Oct 2020	754	12.3	633.00	1434	-183	133.75	227.0	90.9	89	120.5
	Nov 2020	712	12.0	635.00	1486	51	131.36	159.8	84.2	63	118.3
	Dec 2020	489	8.0	639.51	1604	118	136.27	154.7	60.1	61	122.8
	Jan 2021	436	7.1	641.80	1666	62	140.06	156.3	55.1	61	126.2
	Feb 2021	572	10.3	641.80	1666	0	139.82	156.6	72.0	61	126.0
	Mar 2021	923	15.0	643.05	1700	34	138.67	194.1	115.4	76	124.9
	Apr 2021	1017	17.1	643.00	1699	-1	138.57	249.9	127.0	98	124.8
	May 2021	988	16.1	643.00	1699	0	138.88	255.0	123.6	100	125.1
	Jun 2021	933	15.7	643.00	1699	0	139.02	255.0	116.8	100	125.2
	Jul 2021	844	13.7	642.00	1671	-27	139.20	255.0	105.8	100	125.4
	Aug 2021	777	12.6	642.00	1671	0	139.10	255.0	97.4	100	125.3
	Sep 2021	779	13.1	640.01	1618	-54	137.94	255.0	96.8	100	124.3
WY 2021		9224							1145.0		
	Oct 2021	738	12.0	633.00	1434	-183	133.85	227.0	89.0	89	120.6
	Nov 2021	616	10.3	635.00	1486	51	132.00	159.8	73.2	63	118.9
	Dec 2021	395	6.4	639.51	1604	118	136.97	154.7	48.8	61	123.4
	Jan 2022	448	7.3	641.80	1666	62	139.98	156.3	56.5	61	126.1
	Feb 2022	581	10.5	641.80	1666	0	139.75	156.6	73.2	61	125.9
	Mar 2022	872	14.2	643.05	1700	34	138.96	194.1	109.1	76	125.2

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2020 24-Month Study

Minimum Probable Inflow*

Parker Dam - Lake Havasu



— BUREAU OF —
RECLAMATION

	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 2019	712	12.0	447.29	567	-11	79.40	115.0	49.5	96	69.5
H	May 2019	673	11.3	448.62	592	25	80.51	119.0	48.6	99	72.2
I	Jun 2019	717	12.0	448.47	589	-3	80.43	120.0	50.3	100	70.2
S	Jul 2019	739	12.0	448.12	582	-7	80.11	120.0	51.4	100	69.5
T	Aug 2019	636	10.3	447.22	565	-17	77.13	120.0	44.3	100	69.7
O	Sep 2019	514	8.6	449.03	600	34	83.07	120.0	35.9	100	69.8
	WY 2019	6211							433.7		
R	Oct 2019	430	7.0	447.77	576	-24	83.21	90.0	30.2	75	70.1
I	Nov 2019	300	5.0	449.10	601	25	84.29	92.0	20.2	77	67.2
C	Dec 2019	159	2.6	448.16	583	-18	81.68	100.6	9.4	84	59.3
A	Jan 2020	311	5.1	446.50	552	-31	80.47	97.7	22.0	81	70.7
L	Feb 2020	400	6.9	448.15	583	31	82.44	97.2	28.0	81	70.0
*	Mar 2020	455	7.4	446.04	543	-39	78.08	120.0	30.0	100	65.9
	Apr 2020	607	10.2	448.00	580	37	74.42	120.0	39.5	100	65.0
	May 2020	696	11.3	448.50	589	9	75.61	120.0	46.0	100	66.1
	Jun 2020	713	12.0	448.70	593	4	75.95	120.0	47.4	100	66.5
	Jul 2020	706	11.5	448.00	580	-13	75.71	120.0	46.8	100	66.2
	Aug 2020	626	10.2	447.50	571	-9	75.13	120.0	41.1	100	65.6
	Sep 2020	530	8.9	447.50	570	0	74.89	120.0	34.5	100	65.1
	WY 2020	5933							394.9		
	Oct 2020	459	7.5	447.50	571	0	76.29	90.0	30.2	75	65.9
	Nov 2020	414	7.0	447.50	571	0	76.19	92.0	27.1	77	65.6
	Dec 2020	284	4.6	446.50	552	-19	74.86	109.4	17.8	91	62.9
	Jan 2021	255	4.1	446.50	552	0	75.07	94.8	16.0	79	62.6
	Feb 2021	392	7.1	446.50	552	0	75.21	92.1	25.5	77	64.9
	Mar 2021	637	10.4	446.70	555	4	74.01	120.0	41.2	100	64.7
	Apr 2021	706	11.9	448.70	593	38	75.08	120.0	46.5	100	65.8
	May 2021	705	11.5	448.70	593	0	76.05	120.0	46.9	100	66.5
	Jun 2021	718	12.1	448.70	593	0	76.05	120.0	47.8	100	66.6
	Jul 2021	693	11.3	448.00	580	-13	75.71	120.0	45.9	100	66.2
	Aug 2021	623	10.1	447.50	571	-9	75.13	120.0	40.9	100	65.5
	Sep 2021	530	8.9	447.50	570	0	74.89	120.0	34.5	100	65.1
	WY 2021	6417							420.3		
	Oct 2021	470	7.6	447.50	571	0	76.14	92.9	30.9	77	65.8
	Nov 2021	355	6.0	447.50	571	0	76.19	92.0	23.1	77	65.0
	Dec 2021	236	3.8	446.50	552	-19	74.82	110.3	14.6	92	61.9
	Jan 2022	252	4.1	446.50	552	0	75.12	93.9	15.8	78	62.6
	Feb 2022	389	7.0	446.50	552	0	75.15	93.2	25.2	78	64.8
	Mar 2022	632	10.3	446.70	555	4	74.01	120.0	40.9	100	64.7

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2020 24-Month Study

Minimum Probable Inflow*

Upper Basin Power



— BUREAU OF —
RECLAMATION

		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 2019	294	27	9	14	10	4
H	May 2019	299	38	23	45	21	6
I	Jun 2019	332	82	33	64	22	8
S	Jul 2019	391	39	28	54	23	7
T	Aug 2019	412	42	24	49	22	7
O	Sep 2019	312	44	15	22	18	2
	Summer 2019	2041	273	131	248	115	34
R	Oct 2019	281	31	26	27	18	5
I	Nov 2019	280	31	22	25	14	5
C	Dec 2019	336	51	26	30	17	5
A	Jan 2020	338	51	18	22	11	5
L	Feb 2020	296	47	12	14	4	4
*	Mar 2020	307	46	11	13	7	4
	Winter 2020	1838	258	115	131	71	28
	Apr 2020	263	34	18	24	13	4
	May 2020	265	73	55	74	23	5
	Jun 2020	276	22	14	21	13	8
	Jul 2020	320	29	22	28	15	7
	Aug 2020	355	31	19	29	15	7
	Sep 2020	253	30	21	26	14	2
	Summer 2020	1732	220	149	202	93	32
	Oct 2020	269	21	18	23	12	6
	Nov 2020	267	19	4	6	4	5
	Dec 2020	299	26	4	6	4	5
	Jan 2021	353	26	5	6	4	5
	Feb 2021	305	23	4	6	3	4
	Mar 2021	323	27	0	7	5	4
	Winter 2021	1816	142	35	55	31	28
	Apr 2021	285	26	0	19	11	4
	May 2021	287	50	2	21	14	4
	Jun 2021	307	20	32	41	22	6
	Jul 2021	349	26	25	29	15	7
	Aug 2021	365	31	25	30	15	6
	Sep 2021	269	30	23	28	9	2
	Summer 2021	1863	184	106	167	86	29
	Oct 2021	192	21	23	29	15	5
	Nov 2021	199	19	6	8	5	5
	Dec 2021	238	26	14	18	9	5
	Jan 2022	284	26	14	18	9	4
	Feb 2022	251	23	11	14	8	4
	Mar 2022	264	34	10	14	8	4
	Winter 2022	1165	115	69	87	46	23

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2020 24-Month Study

Minimum Probable Inflow*

Flood Control Criteria - Beginning of Month Conditions



— BUREAU OF —
RECLAMATION

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	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
**** PREDICTED SPACE ****								**** EFFECTIVE SPACE ****										
Apr 2020	737	295	404	12504	13940	15767	29707	248	30	151	428	12504	15767	28700	1500	889	0	30.8
May 2020	744	313	406	12542	14004	16026	30030	249	47	129	425	12542	16026	28993	1500	1020	0	31.0
Jun 2020	778	380	349	11886	13393	16433	29826	277	107	33	417	11886	16433	28736	1500	968	0	31.4
Jul 2020	583	276	360	11407	12627	16791	29417	67	-4	-13	50	11407	16791	28247	1500	865	0	31.1
								**** CREDITABLE SPACE ****										
Aug 2020	533	274	434	11543	12783	16939	29722	533	274	434	1241	11543	16939	29722	1500	826	0	30.5
Sep 2020	572	298	491	11954	13315	16937	30252	572	298	491	1361	11954	16937	30252	2270	758	0	29.9
Oct 2020	631	330	520	12185	13665	17084	30750	631	330	520	1480	12185	17084	30750	3040	596	0	29.5
Nov 2020	658	358	523	12433	13972	17056	31029	658	358	523	1539	12433	17056	31029	3810	792	0	29.1
Dec 2020	673	344	524	12674	14216	17208	31424	673	344	524	1542	12674	17208	31424	4580	629	0	28.9
Jan 2021	718	333	529	13028	14608	17119	31727	718	333	529	1580	13028	17119	31727	5350	529	0	28.8
								**** EFFECTIVE SPACE ****										
Jan 2021	718	333	529	13028	14608	17119	31727	199	220	350	770	13028	17119	30916	5350	529	0	28.8
Feb 2021	756	324	534	13501	15114	16756	31870	235	212	354	801	13501	16756	31057	1500	592	0	28.7
Mar 2021	784	315	531	13849	15478	16549	32028	260	203	351	814	13849	16549	31212	1500	982	0	28.4
Apr 2021	776	297	492	14129	15694	16698	32392	248	187	305	739	14129	16698	31566	1500	1045	0	28.1
May 2021	757	277	447	14214	15695	17020	32714	223	168	236	626	14214	17020	31860	1500	1020	0	28.5
Jun 2021	737	174	346	13644	14902	17350	32252	196	55	95	346	13644	17350	31340	1500	973	0	29.1
Jul 2021	589	114	314	13100	14117	17618	31734	34	-18	6	22	13100	17618	30739	1500	854	0	28.6
								**** CREDITABLE SPACE ****										
Aug 2021	571	120	370	13502	14564	17630	32194	571	120	370	1062	13502	17630	32194	1500	812	0	28.0
Sep 2021	623	146	419	14008	15196	17556	32753	623	146	419	1188	14008	17556	32753	2270	758	0	27.4
Oct 2021	685	182	437	14282	15587	17636	33223	685	182	437	1305	14282	17636	33223	3040	580	0	27.0
Nov 2021	709	222	437	14358	15727	17721	33448	709	222	437	1369	14358	17721	33448	3810	696	0	26.8
Dec 2021	718	214	437	14444	15811	17895	33706	718	214	437	1368	14444	17895	33706	4580	535	0	26.7
Jan 2022	756	236	438	14633	16062	17817	33879	756	236	438	1429	14633	17817	33879	5350	541	0	26.7
								**** EFFECTIVE SPACE ****										
Jan 2022	756	236	438	14633	16062	17817	33879	452	236	220	908	14633	17817	33358	5350	541	0	26.7
Feb 2022	788	259	442	14921	16410	17599	34009	483	259	223	965	14921	17599	33485	1500	601	0	26.5
Mar 2022	810	274	435	15133	16653	17507	34160	502	274	216	992	15133	17507	33632	1500	931	0	26.3

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