

To: All Annual Operating Plan (AOP) Recipients

From: Lower Colorado Basin Region
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RECLAMATION

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

The water year 2020 unregulated inflow into Lake Powell in the January Probable Maximum inflow scenario is 12.82 maf, or 118 percent of average. Consistent with the Interim Guidelines, the January Probable Maximum 24-Month Study results in a projected release volume from Glen Canyon Dam of 8.23 maf in water year 2020 and 11.89 maf in water year 2021. With intervening flows between Lake Powell and Lake Mead of 0.93 maf in water year 2020, Lake Mead's elevation is projected to be 1,081.88 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

January 2020 24-Month Study

Maximum Probable Inflow*

Fontenelle Reservoir



— BUREAU OF —
RECLAMATION

		Regulated Inflow	Evap Losses	Power Release	Bypass Release	Total Release	Reservoir Elev End of Month	Live Storage
	Date	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(Ft)	(1000 Ac-Ft)
*	Jan 2019	28	1	61	0	61	6476.81	150
H	Feb 2019	26	0	55	1	56	6470.41	120
I	Mar 2019	37	0	61	0	61	6464.13	95
S	Apr 2019	114	1	71	0	71	6474.10	137
T	May 2019	167	1	98	0	98	6486.46	204
O	Jun 2019	337	2	107	171	278	6494.89	261
R	Jul 2019	184	3	86	39	125	6502.48	317
I	Aug 2019	57	2	74	0	74	6499.98	298
C	Sep 2019	41	2	19	47	66	6496.36	271
	WY 2019	1101	15	799	278	1077		
A	Oct 2019	51	1	61	7	68	6493.83	253
L	Nov 2019	47	1	63	0	63	6491.39	236
*	Dec 2019	36	1	65	0	65	6487.01	208
	Jan 2020	32	1	65	0	65	6481.55	175
	Feb 2020	30	1	60	0	60	6475.62	145
	Mar 2020	48	0	74	0	74	6469.86	119
	Apr 2020	112	1	85	0	85	6475.66	145
	May 2020	214	1	102	0	102	6493.99	255
	Jun 2020	392	2	103	235	338	6501.01	307
	Jul 2020	232	3	103	128	231	6500.87	306
	Aug 2020	97	2	86	0	86	6501.97	314
	Sep 2020	56	2	20	63	83	6498.10	285
	WY 2020	1347	15	886	433	1319		
	Oct 2020	57	1	74	0	74	6495.64	267
	Nov 2020	48	1	71	0	71	6492.22	243
	Dec 2020	35	1	74	0	74	6486.16	203
	Jan 2021	34	1	74	0	74	6479.17	162
	Feb 2021	30	0	67	0	67	6471.52	126
	Mar 2021	59	0	74	0	74	6467.88	110
	Apr 2021	102	1	79	0	79	6473.09	133
	May 2021	212	1	101	0	101	6492.23	243
	Jun 2021	389	2	104	224	328	6500.34	302
	Jul 2021	240	3	102	119	221	6502.37	317
	Aug 2021	101	2	93	0	93	6502.99	322
	Sep 2021	57	2	20	70	89	6498.44	287
	WY 2021	1363	15	932	413	1345		
	Oct 2021	56	1	92	0	92	6493.18	250
	Nov 2021	46	1	71	0	71	6489.18	223
	Dec 2021	32	1	74	0	74	6482.46	181

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Maximum Probable Inflow*

Flaming Gorge Reservoir



— BUREAU OF —
RECLAMATION

		Unreg Inflow	Reg Inflow	Evap Losses	Power Release	Bypass Release	Total Release	Bank Storage	Reservoir Elev End of Month	Live Storage	Jensen 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)
*	Jan 2019	34	68	2	124	0	124	129	6026.01	3198	154
H	Feb 2019	34	63	2	112	0	112	127	6024.69	3149	143
I	Mar 2019	74	99	3	58	0	58	128	6025.67	3185	128
S	Apr 2019	240	198	5	71	0	71	133	6028.79	3303	341
T	May 2019	252	183	8	99	0	99	136	6030.71	3376	568
O	Jun 2019	460	400	11	215	100	315	139	6032.55	3448	950
R	Jul 2019	227	169	14	100	0	100	141	6033.89	3502	376
I	Aug 2019	59	76	13	109	0	109	139	6032.79	3458	151
C	Sep 2019	49	74	11	113	0	113	137	6031.57	3410	134
	WY 2019	1553	1529	82	1315	100	1415				3351
A	Oct 2019	53	70	7	80	0	80	136	6031.13	3393	109
L	Nov 2019	63	79	4	81	0	81	136	6030.99	3387	115
*	Dec 2019	43	72	2	132	0	132	134	6029.43	3327	166
	Jan 2020	43	76	2	132	0	132	132	6027.96	3271	156
	Feb 2020	46	76	2	124	0	124	130	6026.70	3223	148
	Mar 2020	100	126	3	197	0	197	127	6024.78	3152	272
	Apr 2020	205	178	5	190	0	190	126	6024.32	3135	488
	May 2020	376	264	8	92	0	92	132	6028.54	3293	827
	Jun 2020	597	544	11	283	92	375	139	6032.45	3445	956
	Jul 2020	322	321	14	209	0	209	142	6034.80	3538	347
	Aug 2020	127	116	13	112	0	112	142	6034.58	3529	145
	Sep 2020	73	100	12	125	0	125	141	6033.70	3494	149
	WY 2020	2048	2020	82	1758	92	1850				3878
	Oct 2020	72	89	8	84	0	84	140	6033.62	3491	124
	Nov 2020	60	83	4	131	0	131	138	6032.37	3442	167
	Dec 2020	39	79	2	184	0	184	134	6029.71	3338	212
	Jan 2021	45	86	2	184	0	184	130	6027.17	3241	212
	Feb 2021	49	86	2	167	0	167	127	6025.03	3161	198
	Mar 2021	115	130	3	98	0	98	128	6025.77	3189	187
	Apr 2021	164	141	5	95	0	95	130	6026.83	3228	355
	May 2021	323	211	8	81	0	81	135	6029.92	3346	738
	Jun 2021	523	462	11	238	166	404	136	6031.10	3392	971
	Jul 2021	291	273	14	98	0	98	143	6035.00	3546	244
	Aug 2021	119	112	13	131	0	131	141	6034.24	3516	164
	Sep 2021	70	103	12	137	0	137	140	6033.13	3472	161
	WY 2021	1872	1854	82	1630	166	1796				3735
	Oct 2021	69	106	8	99	0	99	140	6033.11	3471	138
	Nov 2021	55	81	4	115	0	115	138	6032.20	3435	149
	Dec 2021	35	77	2	166	0	166	135	6029.95	3347	191

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Maximum 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)
*	Jan 2019	4	3	9302.92	59
H	Feb 2019	3	3	9303.16	60
I	Mar 2019	5	4	9303.75	60
S	Apr 2019	10	7	9306.14	64
T	May 2019	21	26	9302.64	59
O	Jun 2019	68	38	9320.92	89
R	Jul 2019	47	32	9328.49	103
I	Aug 2019	15	24	9323.77	94
C	Sep 2019	7	20	9316.42	81
	WY 2019	191	168		
A	Oct 2019	7	11	9314.38	77
L	Nov 2019	5	6	9313.69	76
*	Dec 2019	5	6	9313.35	75
	Jan 2020	5	6	9312.36	74
	Feb 2020	4	6	9311.41	72
	Mar 2020	4	6	9310.07	70
	Apr 2020	12	15	9307.90	67
	May 2020	37	28	9313.78	76
	Jun 2020	55	27	9329.07	104
	Jul 2020	27	30	9327.40	101
	Aug 2020	13	27	9320.01	87
	Sep 2020	9	18	9314.78	78
	WY 2020	183	186		
	Oct 2020	8	9	9313.89	76
	Nov 2020	6	5	9314.32	77
	Dec 2020	5	5	9314.35	77
	Jan 2021	5	5	9314.16	77
	Feb 2021	4	5	9313.77	76
	Mar 2021	5	5	9313.48	76
	Apr 2021	10	20	9307.34	66
	May 2021	34	29	9310.23	70
	Jun 2021	52	20	9328.12	102
	Jul 2021	25	24	9329.03	104
	Aug 2021	12	19	9325.56	97
	Sep 2021	8	18	9320.77	88
	WY 2021	174	163		
	Oct 2021	7	12	9318.41	84
	Nov 2021	5	5	9318.58	84
	Dec 2021	5	5	9318.29	84

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



OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Maximum 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)
*	Jan 2019	20	20	0	17	0	17	7438.40	252
H	Feb 2019	20	20	0	23	0	23	7437.59	248
I	Mar 2019	28	27	0	25	0	25	7438.01	250
S	Apr 2019	121	118	0	33	0	33	7453.91	335
T	May 2019	214	218	1	86	18	105	7471.68	447
O	Jun 2019	471	444	1	124	70	194	7504.14	696
R	Jul 2019	282	266	2	87	51	138	7518.61	823
I	Aug 2019	92	100	1	76	62	137	7514.39	784
C	Sep 2019	32	45	1	45	47	93	7508.84	736
	WY 2019	1344	1320	7	601	260	859		
A	Oct 2019	28	32	1	82	3	85	7502.51	682
L	Nov 2019	31	32	0	72	0	72	7497.65	642
*	Dec 2019	29	30	0	84	0	84	7490.79	588
	Jan 2020	25	27	0	62	0	62	7486.24	552
	Feb 2020	23	25	0	40	0	40	7484.15	537
	Mar 2020	37	39	0	21	24	44	7483.45	531
	Apr 2020	99	102	1	59	0	59	7488.99	574
	May 2020	283	273	1	206	18	224	7495.12	622
	Jun 2020	334	306	1	200	129	329	7492.01	597
	Jul 2020	150	153	1	72	0	72	7501.83	676
	Aug 2020	78	92	1	96	0	96	7501.24	672
	Sep 2020	45	54	1	80	0	80	7497.97	645
	WY 2020	1162	1165	8	1074	174	1248		
	Oct 2020	44	45	1	65	0	65	7495.48	625
	Nov 2020	34	33	0	17	0	17	7497.37	640
	Dec 2020	27	27	0	72	0	72	7491.71	595
	Jan 2021	26	26	0	55	0	55	7487.88	565
	Feb 2021	24	24	0	30	0	30	7487.06	559
	Mar 2021	39	40	0	0	29	29	7488.47	569
	Apr 2021	93	103	1	0	41	41	7496.17	630
	May 2021	276	271	1	6	207	213	7503.14	687
	Jun 2021	338	306	1	203	112	316	7501.82	676
	Jul 2021	152	150	1	74	0	74	7510.55	751
	Aug 2021	78	85	1	90	0	90	7509.88	745
	Sep 2021	45	54	1	79	0	79	7506.85	719
	WY 2021	1176	1165	9	693	389	1082		
	Oct 2021	43	47	1	83	0	83	7502.55	682
	Nov 2021	32	32	0	57	0	57	7499.42	657
	Dec 2021	26	26	0	92	0	92	7491.24	591

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



OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Maximum Probable Inflow*

Morrow Point Reservoir



— BUREAU OF —
RECLAMATION

		Unreg Inflow	Blue Mesa Release	Side Inflow	Total Inflow	Power Release	Bypass Release	Total Release	Reservoir Elev End of Month	Live Storage
	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)
*	Jan 2019	21	17	1	17	18	0	18	7147.00	107
H	Feb 2019	20	23	0	24	23	0	23	7147.57	107
I	Mar 2019	29	25	1	26	26	0	26	7146.90	107
S	Apr 2019	136	33	15	47	41	0	41	7155.16	113
T	May 2019	240	105	25	130	127	0	131	7154.68	113
O	Jun 2019	512	194	41	235	186	0	234	7155.10	113
R	Jul 2019	295	138	13	150	151	0	151	7154.18	112
I	Aug 2019	93	137	2	139	137	0	139	7153.99	112
C	Sep 2019	32	93	1	93	60	0	96	7151.09	110
WY 2019		1446	859	102	961	858	0	949		
A	Oct 2019	29	85	1	86	78	0	89	7147.93	107
L	Nov 2019	32	72	1	72	71	0	71	7149.15	108
*	Dec 2019	30	84	1	85	85	0	85	7149.15	108
	Jan 2020	27	62	2	64	65	0	65	7147.94	107
	Feb 2020	26	40	3	43	43	0	43	7147.94	107
	Mar 2020	41	44	4	48	48	0	48	7147.94	107
	Apr 2020	111	59	12	72	72	0	72	7147.94	107
	May 2020	311	224	28	252	252	0	252	7147.94	107
	Jun 2020	353	329	19	348	294	55	348	7147.94	107
	Jul 2020	155	72	5	77	77	0	77	7147.94	107
	Aug 2020	81	96	3	99	99	0	99	7147.94	107
	Sep 2020	48	80	3	83	83	0	83	7147.94	107
WY 2020		1244	1248	83	1330	1266	55	1332		
	Oct 2020	46	65	3	67	67	0	67	7147.94	107
	Nov 2020	36	17	2	20	20	0	20	7147.94	107
	Dec 2020	30	72	2	75	75	0	75	7147.94	107
	Jan 2021	28	55	2	58	58	0	58	7147.94	107
	Feb 2021	26	30	3	33	33	0	33	7147.94	107
	Mar 2021	44	29	4	33	33	0	33	7147.94	107
	Apr 2021	106	41	13	54	54	0	54	7147.94	107
	May 2021	308	213	32	245	245	0	245	7147.94	107
	Jun 2021	366	316	28	344	294	50	344	7147.94	107
	Jul 2021	159	74	7	82	82	0	82	7147.94	107
	Aug 2021	82	90	4	94	94	0	94	7147.94	107
	Sep 2021	48	79	3	82	82	0	82	7147.94	107
WY 2021		1280	1082	104	1187	1137	50	1187		
	Oct 2021	45	83	3	85	85	0	85	7147.94	107
	Nov 2021	34	57	2	60	60	0	60	7147.94	107
	Dec 2021	28	92	2	94	94	0	94	7147.94	107

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Maximum Probable Inflow*

Crystal Reservoir



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RECLAMATION

		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)
*	Jan 2019	25	18	4	22	19	3	22	6746.57	15	1	20
H	Feb 2019	24	23	3	27	9	17	26	6748.26	16	1	25
I	Mar 2019	34	26	5	32	30	0	30	6752.77	17	0	29
S	Apr 2019	150	41	15	55	55	0	55	6753.29	17	26	29
T	May 2019	264	131	24	155	108	31	153	6759.30	19	47	105
O	Jun 2019	558	234	46	280	115	73	282	6753.12	17	51	231
R	Jul 2019	321	151	26	177	121	57	178	6746.79	15	59	124
I	Aug 2019	98	139	5	144	119	28	147	6733.35	12	64	87
C	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
A	Oct 2019	33	89	3	92	92	0	92	6749.75	16	64	29
L	Nov 2019	35	71	4	75	76	0	76	6746.90	15	2	72
*	Dec 2019	34	85	4	89	89	0	89	6746.40	15	0	86
	Jan 2020	31	65	4	69	68	0	68	6749.63	16	0	68
	Feb 2020	29	43	3	46	46	0	46	6749.63	16	0	46
	Mar 2020	46	48	5	53	53	0	53	6749.63	16	5	48
	Apr 2020	127	72	16	87	87	0	87	6749.63	16	42	45
	May 2020	354	252	43	295	136	159	295	6749.63	16	62	233
	Jun 2020	396	348	43	391	132	260	391	6749.63	16	61	330
	Jul 2020	173	77	18	96	96	0	96	6749.63	16	65	31
	Aug 2020	91	99	10	109	109	0	109	6749.63	16	65	44
	Sep 2020	55	83	7	90	88	3	90	6749.63	16	55	35
	WY 2020	1405	1332	161	1493	1071	422	1493			421	1068
	Oct 2020	53	67	7	74	74	0	74	6749.63	16	30	44
	Nov 2020	41	20	5	25	25	0	25	6749.63	16	0	25
	Dec 2020	35	75	5	80	80	0	80	6749.63	16	0	80
	Jan 2021	33	58	5	63	63	0	63	6749.63	16	0	63
	Feb 2021	30	33	4	37	0	37	37	6749.63	16	0	37
	Mar 2021	51	33	7	40	40	0	40	6749.63	16	5	35
	Apr 2021	121	54	15	69	69	0	69	6749.63	16	42	27
	May 2021	351	245	44	289	136	153	289	6749.63	16	62	227
	Jun 2021	415	344	49	393	132	261	393	6749.63	16	61	332
	Jul 2021	179	82	19	101	101	0	101	6749.63	16	65	36
	Aug 2021	92	94	10	104	104	0	104	6749.63	16	65	39
	Sep 2021	56	82	7	90	90	0	90	6749.63	16	55	35
	WY 2021	1458	1187	178	1365	914	451	1365			385	980
	Oct 2021	52	85	7	92	92	0	92	6749.63	16	30	62
	Nov 2021	39	60	5	65	65	0	65	6749.63	16	0	65
	Dec 2021	32	94	5	98	98	0	98	6749.63	16	0	98

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Maximum 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)
*	Jan 2019	4	0	7625.50	37
H	Feb 2019	4	0	7627.67	41
I	Mar 2019	6	6	7627.39	40
S	Apr 2019	32	25	7631.32	47
T	May 2019	58	41	7640.08	64
O	Jun 2019	160	101	7664.36	124
R	Jul 2019	69	68	7664.45	124
I	Aug 2019	20	38	7657.21	105
C	Sep 2019	8	33	7646.82	79
WY 2019		378	316		
A	Oct 2019	4	13	7643.13	71
L	Nov 2019	4	2	7644.14	73
*	Dec 2019	4	2	7645.07	75
	Jan 2020	4	2	7645.77	77
	Feb 2020	3	2	7646.28	78
	Mar 2020	5	2	7647.55	81
	Apr 2020	28	2	7658.15	107
	May 2020	86	76	7662.11	118
	Jun 2020	85	76	7665.51	127
	Jul 2020	35	46	7661.27	116
	Aug 2020	24	38	7655.74	101
	Sep 2020	21	29	7652.26	93
WY 2020		304	287		
	Oct 2020	19	21	7651.05	90
	Nov 2020	10	10	7651.25	90
	Dec 2020	7	7	7651.23	90
	Jan 2021	6	6	7651.20	90
	Feb 2021	5	5	7651.26	90
	Mar 2021	10	2	7654.60	98
	Apr 2021	28	10	7661.28	116
	May 2021	84	94	7657.03	105
	Jun 2021	91	80	7661.27	116
	Jul 2021	38	44	7658.47	108
	Aug 2021	24	38	7652.68	94
	Sep 2021	21	30	7649.01	85
WY 2021		343	347		
	Oct 2021	18	17	7649.20	85
	Nov 2021	10	5	7651.17	90
	Dec 2021	6	5	7651.89	92

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



OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Maximum Probable Inflow*

Navajo Reservoir



BUREAU OF
RECLAMATION

	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)
*	Jan 2019	13	0	10	0	0	19	6015.33	869	31
H	Feb 2019	17	0	14	1	1	16	6014.90	865	37
I	Mar 2019	114	1	113	1	4	18	6024.61	955	62
S	Apr 2019	230	24	203	2	20	20	6040.36	1117	102
T	May 2019	270	34	215	3	25	25	6054.45	1279	139
O	Jun 2019	491	57	376	4	36	114	6071.44	1501	386
R	Jul 2019	171	26	142	5	47	60	6073.56	1531	228
I	Aug 2019	40	6	52	4	42	78	6068.40	1459	104
C	Sep 2019	3	0	29	3	29	67	6063.13	1388	71
WY 2019		1401	150	1188	26	211	483			1264
A	Oct 2019	6	0	15	2	6	33	6061.08	1362	46
L	Nov 2019	15	0	13	1	0	25	6060.04	1348	45
*	Dec 2019	16	0	14	1	0	36	6058.25	1326	59
	Jan 2020	16	0	14	1	0	23	6057.48	1316	33
	Feb 2020	20	1	18	1	0	20	6057.25	1313	29
	Mar 2020	55	12	40	2	6	27	6057.76	1320	42
	Apr 2020	221	28	167	3	21	31	6066.40	1432	88
	May 2020	359	43	305	4	36	293	6064.33	1404	452
	Jun 2020	290	41	239	4	53	297	6055.23	1288	462
	Jul 2020	86	12	84	4	57	116	6047.44	1196	189
	Aug 2020	59	7	65	3	48	31	6046.01	1179	74
	Sep 2020	56	5	59	2	26	30	6046.10	1180	67
WY 2020		1197	149	1033	27	253	961			1587
	Oct 2020	61	4	60	2	9	31	6047.72	1199	64
	Nov 2020	40	1	38	1	0	30	6048.36	1206	50
	Dec 2020	30	0	30	1	0	31	6048.23	1205	48
	Jan 2021	25	0	25	1	0	31	6047.69	1199	45
	Feb 2021	36	1	35	1	0	28	6048.26	1205	41
	Mar 2021	117	12	96	1	6	31	6053.19	1263	57
	Apr 2021	214	27	169	2	22	30	6062.41	1379	93
	May 2021	347	47	310	4	37	276	6061.95	1373	450
	Jun 2021	306	41	253	4	53	297	6053.84	1271	489
	Jul 2021	96	9	94	4	57	116	6046.75	1188	205
	Aug 2021	59	4	69	3	48	31	6045.61	1175	78
	Sep 2021	58	4	63	2	26	30	6045.98	1179	69
WY 2021		1389	152	1242	26	258	960			1690
	Oct 2021	58	2	55	2	9	31	6047.19	1193	63
	Nov 2021	35	0	30	1	0	30	6047.15	1192	49
	Dec 2021	25	0	23	1	0	31	6046.45	1184	46

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Maximum Probable Inflow*

Lake Powell



— BUREAU OF —
RECLAMATION

	Unreg	Regulated	Evap	PowerPlant	Bypass	Total	Reservoir Elev	Bank	EOM	Lees
	Inflow	Inflow	Losses	Release	Release	Release	End of Month	Storage	Storage	Ferry Gage
Date	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)
* Jan 2019	212	303	7	804	0	804	3576.34	4824	9629	815
H Feb 2019	255	339	7	730	0	730	3571.89	4795	9261	741
I Mar 2019	625	574	11	791	0	791	3569.28	4778	9049	798
S Apr 2019	1242	899	18	720	0	720	3571.12	4790	9198	734
T May 2019	2511	1980	23	720	0	720	3584.65	4881	10343	752
O Jun 2019	4206	3583	41	765	0	765	3611.82	5087	12914	807
R Jul 2019	2451	2015	57	857	0	857	3621.60	5168	13933	896
I Aug 2019	472	608	58	900	0	900	3618.55	5143	13610	932
C Sep 2019	143	379	52	687	0	687	3615.36	5116	13277	703
WY 2019	12951	11787	356	8924	77	9001				9242
A Oct 2019	265	397	35	625	0	625	3612.99	5096	13034	633
L Nov 2019	404	466	34	626	0	626	3611.23	5082	12855	630
* Dec 2019	353	506	27	750	0	750	3608.74	5062	12604	756
Jan 2020	320	453	8	760	0	760	3605.80	5039	12312	777
Feb 2020	360	456	9	675	0	675	3603.64	5022	12101	694
Mar 2020	560	653	15	700	0	700	3603.05	5017	12043	713
Apr 2020	1387	1192	24	630	0	630	3608.12	5057	12542	642
May 2020	3078	2749	31	630	0	630	3626.60	5212	14475	637
Jun 2020	3502	3377	54	650	0	650	3647.85	5410	16950	653
Jul 2020	1433	1342	70	750	0	750	3651.74	5448	17433	765
Aug 2020	644	674	71	835	0	835	3650.02	5431	17218	852
Sep 2020	515	607	65	599	0	599	3649.60	5427	17166	616
WY 2020	12820	12872	442	8230	0	8230				8366
Oct 2020	634	650	45	640	0	640	3649.34	5424	17133	656
Nov 2020	537	583	43	640	0	640	3648.59	5417	17041	651
Dec 2020	409	600	34	720	0	720	3647.43	5406	16898	729
Jan 2021	409	584	11	760	0	760	3646.02	5392	16725	775
Feb 2021	446	562	12	680	0	680	3645.03	5382	16605	695
Mar 2021	775	679	20	1150	0	1150	3641.25	5346	16151	1161
Apr 2021	1306	1051	30	1200	0	1200	3639.84	5332	15984	1211
May 2021	3063	2771	37	1100	0	1100	3652.25	5453	17497	1106
Jun 2021	3564	3508	63	1100	0	1100	3668.76	5627	19668	1103
Jul 2021	1568	1383	80	1350	0	1350	3668.45	5624	19625	1365
Aug 2021	694	741	78	1380	0	1380	3663.54	5571	18961	1398
Sep 2021	493	596	70	1174	0	1174	3659.00	5523	18362	1188
WY 2021	13897	13708	522	11894	0	11894				12039
Oct 2021	609	663	48	640	0	640	3658.82	5521	18339	650
Nov 2021	496	575	46	640	0	640	3658.04	5513	18237	641
Dec 2021	363	565	36	720	0	720	3656.67	5499	18060	726

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Maximum Probable Inflow*

Hoover Dam - Lake Mead



— BUREAU OF —
RECLAMATION

		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										
*	Jan 2019	804	106	30	487	7.9	8	486	682	1085.75	10493
H	Feb 2019	730	126	28	621	11.2	6	620	694	1087.97	10682
I	Mar 2019	791	200	32	738	12.0	13	737	707	1090.24	10878
S	Apr 2019	720	118	39	902	15.2	15	900	700	1088.95	10767
T	May 2019	720	108	45	989	16.1	18	988	686	1086.48	10555
O	Jun 2019	765	69	54	912	15.3	27	911	676	1084.71	10405
R	Jul 2019	857	20	67	946	15.4	33	946	666	1082.82	10246
I	Aug 2019	900	64	71	802	13.0	34	801	669	1083.45	10299
C	Sep 2019	687	58	59	696	11.7	30	690	667	1083.00	10261
WY 2019		9001	1087	547	8892		234	8868			
A	Oct 2019	625	34	43	626	10.2	25	621	665	1082.61	10228
L	Nov 2019	626	116	40	575	9.7	13	538	672	1083.85	10333
*	Dec 2019	750	117	37	220	3.6	6	214	708	1090.49	10899
	Jan 2020	760	93	31	397	6.5	9	397	734	1094.96	11290
	Feb 2020	675	104	29	504	8.8	9	504	748	1097.50	11513
	Mar 2020	700	71	33	935	15.2	14	935	735	1095.25	11315
	Apr 2020	630	68	40	1005	16.9	21	1005	713	1091.30	10969
	May 2020	630	38	45	973	15.8	28	973	690	1087.16	10613
	Jun 2020	650	19	54	935	15.7	29	935	669	1083.29	10285
	Jul 2020	750	82	67	824	13.4	29	824	663	1082.30	10203
	Aug 2020	835	94	71	770	12.5	30	770	667	1082.95	10257
	Sep 2020	599	98	59	709	11.9	25	709	661	1081.88	10167
WY 2020		8230	932	549	8474		236	8426			
	Oct 2020	640	92	43	504	8.2	24	504	671	1083.69	10319
	Nov 2020	640	62	43	626	10.5	16	626	672	1083.88	10335
	Dec 2020	720	51	37	448	7.3	10	448	689	1086.94	10594
	Jan 2021	760	82	31	507	8.3	9	507	707	1090.17	10872
	Feb 2021	680	83	29	506	9.1	9	506	720	1092.55	11078
	Mar 2021	1150	65	32	970	15.8	14	970	732	1094.67	11264
	Apr 2021	1200	62	40	1007	16.9	21	1007	744	1096.74	11446
	May 2021	1100	36	47	985	16.0	29	985	749	1097.55	11518
	Jun 2021	1100	15	57	939	15.8	29	939	754	1098.52	11603
	Jul 2021	1350	82	72	810	13.2	29	810	786	1103.96	12091
	Aug 2021	1380	104	78	765	12.4	30	765	823	1110.19	12665
	Sep 2021	1174	81	66	701	11.8	25	701	851	1114.79	13099
WY 2021		11894	817	574	8768		245	8768			
	Oct 2021	640	82	49	503	8.2	24	503	860	1116.22	13236
	Nov 2021	640	54	49	633	10.6	16	633	860	1116.18	13232
	Dec 2021	720	51	42	466	7.6	11	466	876	1118.64	13469

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Maximum 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)
*	Jan 2019	487	-29	10	418	0	418	6.8	641.89	1668
H	Feb 2019	621	-6	10	569	0	569	10.2	643.20	1704
I	Mar 2019	738	7	13	749	0	749	12.2	642.57	1687
S	Apr 2019	902	0	17	886	0	886	14.9	642.52	1686
T	May 2019	989	-9	22	937	0	937	15.2	643.32	1707
O	Jun 2019	912	-12	25	886	0	886	14.9	642.89	1696
R	Jul 2019	946	-11	25	895	0	894	14.5	643.48	1712
I	Aug 2019	802	-11	23	800	0	800	13.0	642.31	1680
C	Sep 2019	696	-17	18	767	0	767	12.9	638.35	1573
WY 2019		8892	-142	198	8538	0	8539			
A	Oct 2019	626	-24	15	589	0	589	9.6	638.28	1572
L	Nov 2019	575	-4	11	457	0	457	7.7	642.13	1675
*	Dec 2019	220	0	9	247	0	247	4.0	640.77	1638
	Jan 2020	397	-16	10	343	0	343	5.6	641.80	1666
	Feb 2020	504	-13	10	475	0	475	8.3	642.00	1671
	Mar 2020	935	-15	13	878	0	878	14.3	643.05	1700
	Apr 2020	1005	-17	17	973	0	973	16.4	643.00	1699
	May 2020	973	-11	22	940	0	940	15.3	643.00	1699
	Jun 2020	935	-16	25	893	0	893	15.0	643.00	1699
	Jul 2020	824	-12	25	814	0	814	13.2	642.00	1671
	Aug 2020	770	-11	23	736	0	736	12.0	642.00	1671
	Sep 2020	709	-12	18	732	0	732	12.3	640.01	1618
WY 2020		8474	-153	198	8078	0	8078			
	Oct 2020	504	-4	15	669	0	669	10.9	633.00	1434
	Nov 2020	626	-19	10	545	0	545	9.2	635.00	1486
	Dec 2020	448	-12	9	308	0	308	5.0	639.51	1604
	Jan 2021	507	-16	10	419	0	419	6.8	641.80	1666
	Feb 2021	506	-13	10	483	0	483	8.7	641.80	1666
	Mar 2021	970	-15	13	908	0	908	14.8	643.05	1700
	Apr 2021	1007	-17	17	975	0	975	16.4	643.00	1699
	May 2021	985	-11	22	951	0	951	15.5	643.00	1699
	Jun 2021	939	-16	25	897	0	897	15.1	643.00	1699
	Jul 2021	810	-12	25	801	0	801	13.0	642.00	1671
	Aug 2021	765	-11	23	731	0	731	11.9	642.00	1671
	Sep 2021	701	-12	18	724	0	724	12.2	640.01	1618
WY 2021		8768	-159	197	8411	0	8411			
	Oct 2021	503	-4	15	668	0	668	10.9	633.00	1434
	Nov 2021	633	-19	10	553	0	553	9.3	635.00	1486
	Dec 2021	466	-12	9	326	0	326	5.3	639.51	1604

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Maximum 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)
*	Jan 2019	418	19	6	250	4.1	87	91	446.58	553	122	2.0
H	Feb 2019	569	13	8	372	6.7	31	151	447.53	571	143	2.6
I	Mar 2019	749	-5	9	630	10.2	11	83	447.86	577	185	3.0
S	Apr 2019	886	6	11	712	12.0	28	144	447.29	567	170	2.9
T	May 2019	937	8	13	693	11.3	51	154	448.62	592	128	2.1
O	Jun 2019	886	11	15	717	12.0	53	104	448.47	589	138	2.3
R	Jul 2019	894	15	17	739	12.0	59	92	448.12	582	146	2.4
I	Aug 2019	800	15	17	636	10.3	67	102	447.22	565	111	1.8
C	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	
A	Oct 2019	589	18	12	430	7.0	30	151	447.77	576	68	1.1
L	Nov 2019	457	23	9	300	5.0	16	125	449.10	601	118	2.0
*	Dec 2019	247	17	7	159	2.6	46	72	448.16	583	109	1.8
	Jan 2020	343	18	6	281	4.6	14	87	446.50	552	100	1.6
	Feb 2020	475	11	8	389	6.8	1	82	446.50	552	126	2.2
	Mar 2020	878	5	9	653	10.6	45	163	446.70	555	167	2.7
	Apr 2020	973	12	11	699	11.7	70	157	448.70	593	153	2.6
	May 2020	940	13	13	696	11.3	66	165	448.70	593	125	2.0
	Jun 2020	893	11	16	715	12.0	65	96	448.70	593	139	2.3
	Jul 2020	814	19	17	701	11.4	66	50	448.00	580	150	2.4
	Aug 2020	736	20	17	621	10.1	66	50	447.50	571	114	1.9
	Sep 2020	732	14	15	530	8.9	57	135	447.50	570	110	1.9
WY 2020		8078	181	140	6174		543	1333			1478	
	Oct 2020	669	24	12	459	7.5	50	166	447.50	571	69	1.1
	Nov 2020	545	14	9	354	6.0	50	141	447.50	571	88	1.5
	Dec 2020	308	22	7	221	3.6	51	66	446.50	552	93	1.5
	Jan 2021	419	18	6	259	4.2	77	91	446.50	552	102	1.7
	Feb 2021	483	11	8	391	7.0	4	84	446.50	552	127	2.3
	Mar 2021	908	5	9	648	10.5	73	170	446.70	555	167	2.7
	Apr 2021	975	12	11	694	11.7	71	163	448.70	593	152	2.6
	May 2021	951	13	13	705	11.5	62	172	448.70	593	127	2.1
	Jun 2021	897	11	16	720	12.1	59	99	448.70	593	141	2.4
	Jul 2021	801	19	17	689	11.2	62	52	448.00	580	152	2.5
	Aug 2021	731	20	17	618	10.0	62	52	447.50	571	117	1.9
	Sep 2021	724	14	15	529	8.9	44	140	447.50	570	113	1.9
WY 2021		8411	182	139	6289		664	1395			1450	
	Oct 2021	668	24	12	470	7.6	30	173	447.50	571	73	1.2
	Nov 2021	553	14	9	358	6.0	28	166	447.50	571	91	1.5
	Dec 2021	326	22	7	237	3.9	30	88	446.50	552	96	1.6

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Maximum 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
*	Jan 2019	487	7.9	1085.75	10493	361	442.10	1006.1	183.4	63	376.8
H	Feb 2019	621	11.2	1087.97	10682	189	443.82	1119.0	246.4	70	396.7
I	Mar 2019	738	12.0	1090.24	10878	195	444.26	1112.0	295.7	70	400.6
S	Apr 2019	902	15.2	1088.95	10767	-111	439.99	810.1	365.4	51	405.2
T	May 2019	989	16.1	1086.48	10555	-211	440.79	803.9	398.2	51	402.5
O	Jun 2019	912	15.3	1084.71	10405	-150	439.38	1591.0	359.0	100	393.7
R	Jul 2019	946	15.4	1082.82	10246	-159	435.56	1486.0	371.7	93	392.7
I	Aug 2019	802	13.0	1083.45	10299	53	439.02	1297.0	313.5	81	390.9
C	Sep 2019	696	11.7	1083.00	10261	-38	439.88	1494.1	267.4	93	384.4
WY 2019		8877							3494.1		
A	Oct 2019	626	10.2	1082.61	10228	-33	439.17	1198.0	241.9	74	386.2
L	Nov 2019	575	9.7	1083.85	10333	104	438.74	1192.0	221.9	75	386.0
*	Dec 2019	220	3.6	1090.49	10899	567	448.42	838.0	81.6	52	371.4
	Jan 2020	397	6.5	1094.96	11290	391	443.53	1152.1	155.0	70	390.1
	Feb 2020	504	8.8	1097.50	11513	223	447.98	943.1	201.0	57	399.0
	Mar 2020	935	15.2	1095.25	11315	-198	446.51	1127.0	384.0	68	410.5
	Apr 2020	1005	16.9	1091.30	10969	-346	441.30	1365.9	402.2	85	400.1
	May 2020	973	15.8	1087.16	10613	-356	436.32	1493.9	386.2	94	396.8
	Jun 2020	935	15.7	1083.29	10285	-328	431.70	1562.0	365.9	100	391.4
	Jul 2020	824	13.4	1082.30	10203	-83	429.62	1562.0	322.2	100	391.0
	Aug 2020	770	12.5	1082.95	10257	55	429.78	1562.0	298.9	100	388.3
	Sep 2020	709	11.9	1081.88	10167	-90	430.21	1562.0	274.2	100	386.6
WY 2020		8474							3335.0		
	Oct 2020	504	8.2	1083.69	10319	152	436.34	1066.0	199.9	68	396.3
	Nov 2020	626	10.5	1083.88	10335	17	439.62	1066.0	246.2	68	393.5
	Dec 2020	448	7.3	1086.94	10594	259	439.13	1075.0	176.1	68	393.3
	Jan 2021	507	8.3	1090.17	10872	277	440.03	1088.0	202.6	68	399.4
	Feb 2021	506	9.1	1092.55	11078	206	442.80	994.0	200.5	61	396.3
	Mar 2021	970	15.8	1094.67	11264	186	441.97	1408.5	391.5	85	403.4
	Apr 2021	1007	16.9	1096.74	11446	182	443.41	1456.4	404.0	88	401.2
	May 2021	985	16.0	1097.55	11518	71	444.86	1459.7	393.2	88	399.2
	Jun 2021	939	15.8	1098.52	11603	86	444.40	1671.1	378.0	100	402.7
	Jul 2021	810	13.2	1103.96	12091	488	447.91	1701.8	328.9	100	405.9
	Aug 2021	765	12.4	1110.19	12665	573	454.03	1737.0	312.2	100	408.1
	Sep 2021	701	11.8	1114.79	13099	434	460.06	1762.9	287.3	100	410.0
WY 2021		8768							3520.5		
	Oct 2021	503	8.2	1116.22	13236	137	468.91	1197.9	211.3	68	420.3
	Nov 2021	633	10.6	1116.18	13232	-4	471.89	1197.7	265.3	68	419.0
	Dec 2021	466	7.6	1118.64	13469	237	470.98	1205.9	194.5	68	417.6

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

Model Run ID: 3111

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Maximum 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
*	Jan 2019	418	6.8	641.89	1668	30	143.26	159.6	56.8	83	135.8
H	Feb 2019	569	10.2	643.20	1704	36	144.69	209.5	68.8	82	120.9
I	Mar 2019	749	12.2	642.57	1687	-17	140.17	218.8	94.8	86	126.6
S	Apr 2019	886	14.9	642.52	1686	-1	142.03	210.8	111.9	83	126.3
T	May 2019	937	15.2	643.32	1707	22	139.79	238.6	119.5	94	127.6
O	Jun 2019	886	14.9	642.89	1696	-12	140.50	255.0	113.6	100	128.3
R	Jul 2019	895	14.5	643.48	1712	16	142.50	255.0	113.2	100	126.5
I	Aug 2019	800	13.0	642.31	1680	-32	139.60	255.0	101.8	100	127.3
C	Sep 2019	767	12.9	638.35	1573	-107	137.20	255.0	96.0	100	125.1
WY 2019		8538							1079.9		
A	Oct 2019	589	9.6	638.28	1572	-2	138.85	243.5	73.2	95	124.4
L	Nov 2019	457	7.7	642.13	1675	103	143.18	153.0	55.6	60	121.7
*	Dec 2019	247	4.0	640.77	1638	-37	141.96	156.3	30.5	61	123.7
	Jan 2020	343	5.6	641.80	1666	28	141.40	164.5	43.7	65	127.4
	Feb 2020	475	8.3	642.00	1671	5	140.78	209.5	60.3	82	126.8
	Mar 2020	878	14.3	643.05	1700	29	139.03	218.8	110.0	86	125.3
	Apr 2020	973	16.4	643.00	1699	-1	138.81	214.2	121.7	84	125.1
	May 2020	940	15.3	643.00	1699	0	139.16	238.6	117.8	94	125.4
	Jun 2020	893	15.0	643.00	1699	0	139.25	255.0	112.1	100	125.5
	Jul 2020	814	13.2	642.00	1671	-27	139.38	255.0	102.3	100	125.6
	Aug 2020	736	12.0	642.00	1671	0	139.36	255.0	92.4	100	125.6
	Sep 2020	732	12.3	640.01	1618	-54	138.23	255.0	91.2	100	124.5
WY 2020		8078							1010.8		
	Oct 2020	669	10.9	633.00	1434	-183	134.29	243.5	81.0	95	121.0
	Nov 2020	545	9.2	635.00	1486	51	132.49	153.0	65.1	60	119.4
	Dec 2020	308	5.0	639.51	1604	118	137.65	156.3	38.2	61	124.0
	Jan 2021	419	6.8	641.80	1666	62	140.18	156.3	52.9	61	126.3
	Feb 2021	483	8.7	641.80	1666	0	140.50	156.5	61.1	61	126.6
	Mar 2021	908	14.8	643.05	1700	34	138.76	194.1	113.5	76	125.0
	Apr 2021	975	16.4	643.00	1699	-1	138.80	249.9	121.9	98	125.1
	May 2021	951	15.5	643.00	1699	0	139.09	255.0	119.2	100	125.3
	Jun 2021	897	15.1	643.00	1699	0	139.23	255.0	112.5	100	125.4
	Jul 2021	801	13.0	642.00	1671	-27	139.46	255.0	100.6	100	125.6
	Aug 2021	731	11.9	642.00	1671	0	139.39	255.0	91.8	100	125.6
	Sep 2021	724	12.2	640.01	1618	-54	138.28	255.0	90.2	100	124.6
WY 2021		8411							1048.0		
	Oct 2021	668	10.9	633.00	1434	-183	134.30	227.0	80.8	89	121.0
	Nov 2021	553	9.3	635.00	1486	51	132.44	159.8	66.0	63	119.3
	Dec 2021	326	5.3	639.51	1604	118	137.50	154.7	40.3	61	123.9

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Maximum 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
*	Jan 2019	250	4.1	446.58	553	1	82.75	117.1	17.0	98	68.2
H	Feb 2019	372	6.7	447.53	571	18	81.87	95.4	25.5	79	68.6
I	Mar 2019	630	10.2	447.86	577	6	82.11	111.3	44.3	93	70.4
S	Apr 2019	712	12.0	447.29	567	-11	79.40	115.0	49.5	96	69.5
T	May 2019	673	11.3	448.62	592	25	80.51	119.0	48.6	99	72.2
O	Jun 2019	717	12.0	448.47	589	-3	80.43	120.0	50.3	100	70.2
R	Jul 2019	739	12.0	448.12	582	-7	80.11	120.0	51.4	100	69.5
I	Aug 2019	636	10.3	447.22	565	-17	77.13	120.0	44.3	100	69.7
C	Sep 2019	514	8.6	449.03	600	34	83.07	120.0	35.9	100	69.8
WY 2019		6211							433.7		
A	Oct 2019	430	7.0	447.77	576	-24	83.21	90.0	30.2	75	70.1
L	Nov 2019	300	5.0	449.10	601	25	84.29	92.0	20.2	77	67.2
*	Dec 2019	159	2.6	448.16	583	-18	81.68	100.6	9.4	84	59.3
	Jan 2020	281	4.6	446.50	552	-31	76.08	91.0	17.9	76	63.7
	Feb 2020	389	6.8	446.50	552	0	75.04	95.4	25.1	79	64.6
	Mar 2020	653	10.6	446.70	555	4	74.39	111.3	42.6	93	65.1
	Apr 2020	699	11.7	448.70	593	38	75.17	118.0	46.1	98	65.9
	May 2020	696	11.3	448.70	593	0	76.09	119.0	46.3	99	66.5
	Jun 2020	715	12.0	448.70	593	0	76.05	120.0	47.6	100	66.6
	Jul 2020	701	11.4	448.00	580	-13	75.71	120.0	46.4	100	66.2
	Aug 2020	621	10.1	447.50	571	-9	75.13	120.0	40.7	100	65.5
	Sep 2020	530	8.9	447.50	570	0	74.89	120.0	34.5	100	65.1
WY 2020		6174							406.9		
	Oct 2020	459	7.5	447.50	571	0	76.29	90.0	30.2	75	65.9
	Nov 2020	354	6.0	447.50	571	0	76.19	92.0	23.0	77	65.0
	Dec 2020	221	3.6	446.50	552	-19	75.27	100.6	13.7	84	61.8
	Jan 2021	259	4.2	446.50	552	0	75.07	94.8	16.2	79	62.7
	Feb 2021	391	7.0	446.50	552	0	75.16	93.1	25.4	78	64.9
	Mar 2021	648	10.5	446.70	555	4	74.01	120.0	42.0	100	64.8
	Apr 2021	694	11.7	448.70	593	38	75.08	120.0	45.7	100	65.8
	May 2021	705	11.5	448.70	593	0	76.05	120.0	46.9	100	66.5
	Jun 2021	720	12.1	448.70	593	0	76.05	120.0	48.0	100	66.6
	Jul 2021	689	11.2	448.00	580	-13	75.71	120.0	45.6	100	66.2
	Aug 2021	618	10.0	447.50	571	-9	75.13	120.0	40.5	100	65.5
	Sep 2021	529	8.9	447.50	570	0	74.89	120.0	34.5	100	65.1
WY 2021		6289							411.6		
	Oct 2021	470	7.6	447.50	571	0	76.29	90.0	31.0	75	66.0
	Nov 2021	358	6.0	447.50	571	0	76.19	92.0	23.3	77	65.0
	Dec 2021	237	3.9	446.50	552	-19	74.86	109.4	14.7	91	62.0

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Maximum 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
* Jan 2019	335	47	4	6	1	4
H Feb 2019	302	42	6	8	1	3
I Mar 2019	325	22	6	9	4	3
Winter 2019	1790	233	36	51	19	24
S Apr 2019	294	27	9	14	10	4
T May 2019	299	38	23	45	21	6
O Jun 2019	332	82	33	64	22	8
R Jul 2019	391	39	28	54	23	7
I Aug 2019	412	42	24	49	22	7
C Sep 2019	312	44	15	22	18	2
Summer 2019	2041	273	131	248	115	34
A Oct 2019	281	31	26	27	18	5
L Nov 2019	280	31	22	25	14	5
* Dec 2019	336	51	26	30	17	5
Jan 2020	322	48	18	23	11	5
Feb 2020	285	45	12	15	8	4
Mar 2020	294	72	6	17	9	5
Winter 2020	1798	279	110	137	78	30
Apr 2020	266	69	17	25	15	6
May 2020	273	34	61	90	23	8
Jun 2020	293	104	60	104	22	9
Jul 2020	346	77	22	28	16	10
Aug 2020	386	41	29	35	19	8
Sep 2020	276	46	24	30	15	2
Summer 2020	1840	372	214	312	110	42
Oct 2020	295	31	20	24	13	7
Nov 2020	295	48	5	7	4	6
Dec 2020	331	68	22	27	14	6
Jan 2021	349	68	16	21	11	6
Feb 2021	311	61	9	12	0	5
Mar 2021	524	36	0	12	7	5
Winter 2021	2105	312	72	102	48	34
Apr 2021	544	35	0	19	12	5
May 2021	504	30	2	87	23	8
Jun 2021	517	88	62	104	22	9
Jul 2021	643	36	23	29	17	10
Aug 2021	655	48	28	33	18	9
Sep 2021	553	51	25	29	15	2
Summer 2021	3416	287	139	303	107	42
Oct 2021	300	37	25	30	16	8
Nov 2021	299	42	17	21	11	6
Dec 2021	336	61	27	33	17	6



OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Maximum 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	BOM Space Total KAF	Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
*****PREDICTED SPACE*****								*****EFFECTIVE SPACE*****										
Jan 2020	558	242	370	11718	12889	16478	29366	558	242	370	1171	11718	16478	29366	5350	397	0	31.3
Jan 2020	558	242	370	11718	12889	16478	29366	369	120	61	550	11718	16478	28746	5350	397	0	31.3
Feb 2020	648	277	380	12010	13315	16087	29402	459	156	70	685	12010	16087	28782	1500	504	0	31.3
Mar 2020	726	293	383	12221	13623	15864	29487	536	174	72	782	12221	15864	28867	1500	935	0	30.9
Apr 2020	823	298	376	12279	13777	16062	29838	633	181	58	872	12279	16062	29212	1500	1005	0	31.3
May 2020	814	256	264	11780	13115	16408	29522	619	141	-78	682	11780	16408	28870	1500	973	0	33.2
Jun 2020	546	208	292	9847	10892	16764	27657	335	82	-90	328	9847	16764	26938	1500	935	0	35.4
Jul 2020	343	232	408	7372	8355	17092	25446	113	77	-32	159	7372	17092	24622	1500	824	0	35.8
								*****CREDITABLE SPACE*****										
Aug 2020	250	153	500	6889	7793	17174	24967	250	153	500	904	6889	17174	24967	1500	770	0	35.6
Sep 2020	251	158	517	7104	8029	17120	25149	251	158	517	925	7104	17120	25149	2270	709	0	35.3
Oct 2020	315	185	516	7156	8171	17210	25381	315	185	516	1015	7156	17210	25381	3040	504	0	35.2
Nov 2020	336	205	497	7189	8226	17058	25285	336	205	497	1038	7189	17058	25285	3810	626	0	35.2
Dec 2020	410	190	490	7281	8370	17042	25412	410	190	490	1089	7281	17042	25412	4580	448	0	35.2
Jan 2021	553	235	491	7424	8702	16783	25485	553	235	491	1279	7424	16783	25485	5350	507	0	35.2
								*****EFFECTIVE SPACE*****										
Jan 2021	553	235	491	7424	8702	16783	25485	383	189	175	747	7424	16783	24953	5350	507	0	35.2
Feb 2021	690	265	497	7597	9049	16505	25554	522	219	180	921	7597	16505	25023	1500	506	0	35.2
Mar 2021	807	271	491	7717	9286	16299	25584	640	225	173	1038	7717	16299	25054	1500	970	0	35.0
Apr 2021	795	260	433	8171	9659	16113	25771	623	215	107	945	8171	16113	25229	1500	1007	0	35.3
May 2021	733	199	317	8338	9587	15931	25518	554	163	-32	685	8338	15931	24954	1500	985	0	37.2
Jun 2021	505	142	323	6825	7795	15859	23655	312	100	-66	346	6825	15859	23030	1500	939	0	39.4
Jul 2021	401	153	425	4654	5632	15774	21406	193	77	-22	248	4654	15774	20676	1500	810	0	40.0
								*****CREDITABLE SPACE*****										
Aug 2021	231	79	508	4697	5515	15286	20800	231	79	508	818	4697	15286	20800	1500	765	0	39.8
Sep 2021	257	85	521	5361	6223	14712	20935	257	85	521	862	5361	14712	20935	2270	701	0	39.5
Oct 2021	335	111	517	5960	6923	14278	21201	335	111	517	963	5960	14278	21201	3040	503	0	39.4
Nov 2021	374	147	503	5983	7007	14141	21148	374	147	503	1024	5983	14141	21148	3810	633	0	39.2
Dec 2021	436	173	504	6085	7197	14145	21342	436	173	504	1112	6085	14145	21342	4580	466	0	39.2

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