

To: All Annual Operating Plan Recipients

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In addition to the August 2021 24-Month Study based on the Most Probable inflow scenario, Reclamation has conducted model runs in August to determine a possible range of reservoir elevations under Probable Minimum and Probable Maximum inflow scenarios. Probable Minimum and Probable Maximum model runs are conducted in January, April, August, and October. 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 Powell and Lake Mead elevations resulting from these three inflow scenarios are summarized in graphs located at either of the following links:

<https://www.usbr.gov/uc/water/crsp/studies/images/PowellElevations.pdf>, or
<https://www.usbr.gov/lc/region/g4000/24mo/2021/August-Chart.pdf>.

The water year 2022 unregulated inflow in the Probable Maximum inflow scenario is 15.90 maf, or 147% of average. Consistent with the Interim Guidelines, the August Probable Maximum 24-Month Study includes release volumes from Glen Canyon Dam of 8.23 maf in water year 2021 and 7.48 maf in water year 2022. Under the probable maximum scenario, Lake Powell's elevation is projected to be 3,613.29 feet on December 31, 2022. With intervening flows between Lake Powell and Lake Mead of 0.994 maf in calendar year 2022, Lake Mead's elevation is projected to be 1,061.28 feet on December 31, 2022.

The 2021 AOP is available online at: <https://www.usbr.gov/lc/region/g4000/aop/AOP21.pdf>.
The Interim Guidelines are available online at: <https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf>.
The Colorado River DCPs are available online at: <https://www.usbr.gov/dcp/finaldocs.html>.
The Upper Basin Hydrology Summary is available online at: https://www.usbr.gov/uc/water/crsp/studies/24Month_08_ucb.pdf.

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2021 24-Month Study

Maximum 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)
*	Aug 2020	41	2	74	0	74	6499.62	295
H	Sep 2020	25	2	26	35	61	6494.55	258
	WY 2020	996	15	856	137	993		
I	Oct 2020	32	1	0	55	55	6490.95	225
S	Nov 2020	33	1	17	35	52	6487.89	205
T	Dec 2020	27	1	50	1	51	6483.85	180
O	Jan 2021	25	1	48	2	51	6479.03	153
R	Feb 2021	24	0	46	0	46	6474.49	132
I	Mar 2021	40	0	51	0	51	6472.03	121
C	Apr 2021	54	1	49	0	49	6473.03	125
A	May 2021	76	1	49	0	49	6478.67	152
L	Jun 2021	143	2	42	0	42	6494.76	251
*	Jul 2021	45	2	43	0	43	6494.70	250
	Aug 2021	27	2	43	0	43	6492.11	241
	Sep 2021	25	2	42	0	42	6489.40	223
	WY 2021	552	14	479	94	573		
	Oct 2021	27	1	24	19	43	6486.77	206
	Nov 2021	53	1	62	0	62	6485.14	196
	Dec 2021	40	1	65	0	65	6480.76	170
	Jan 2022	38	1	65	0	65	6475.41	143
	Feb 2022	34	0	58	0	58	6470.05	119
	Mar 2022	66	0	67	0	67	6469.57	117
	Apr 2022	115	1	85	0	85	6475.97	146
	May 2022	241	2	104	0	104	6497.72	281
	Jun 2022	438	2	102	327	428	6498.69	288
	Jul 2022	277	2	107	239	346	6488.47	217
	Aug 2022	109	2	79	0	79	6492.64	245
	Sep 2022	62	2	38	21	60	6492.77	246
	WY 2022	1500	14	857	605	1463		
	Oct 2022	61	1	62	0	62	6492.57	245
	Nov 2022	49	1	65	0	65	6490.04	227
	Dec 2022	35	1	68	0	68	6484.84	194
	Jan 2023	33	1	68	0	68	6478.68	159
	Feb 2023	31	0	61	0	61	6472.24	128
	Mar 2023	58	0	67	0	67	6470.11	119
	Apr 2023	102	1	84	0	84	6473.92	136
	May 2023	213	1	95	0	95	6493.74	253
	Jun 2023	388	2	104	244	348	6498.89	290
	Jul 2023	245	3	105	148	253	6497.49	279

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2021 24-Month Study

Maximum 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)
*	Aug 2020	38	67	12	112	0	112	130	6027.10	3238	124
H	Sep 2020	28	64	11	98	0	98	129	6025.93	3195	112
	WY 2020	1255	1251	80	1333	62	1395				2825
I	Oct 2020	25	50	7	64	0	64	128	6025.38	3174	85
S	Nov 2020	37	55	4	54	0	54	128	6025.33	3172	82
T	Dec 2020	24	48	2	62	0	62	127	6024.91	3157	88
O	Jan 2021	31	57	2	62	0	62	127	6024.75	3151	88
R	Feb 2021	31	52	2	56	0	56	127	6024.59	3145	79
I	Mar 2021	68	79	3	52	0	52	127	6025.21	3168	96
C	Apr 2021	72	67	5	51	0	51	128	6025.49	3178	112
A	May 2021	96	72	8	95	0	95	127	6024.69	3149	296
L	Jun 2021	149	46	10	80	0	80	125	6023.54	3107	205
*	Jul 2021	64	59	13	65	0	65	124	6023.05	3089	80
	Aug 2021	28	44	12	95	0	95	122	6021.36	3028	101
	Sep 2021	25	42	10	93	0	93	120	6019.70	2969	98
	WY 2021	649	672	77	829	0	829				1411
	Oct 2021	32	48	7	76	0	76	118	6018.76	2936	91
	Nov 2021	74	84	3	53	0	53	119	6019.51	2962	93
	Dec 2021	50	75	2	53	0	53	120	6020.07	2982	84
	Jan 2022	58	85	2	53	0	53	121	6020.90	3011	83
	Feb 2022	62	86	2	48	0	48	123	6021.88	3046	77
	Mar 2022	139	141	3	117	0	117	123	6022.44	3067	213
	Apr 2022	203	173	5	113	0	113	126	6023.91	3120	392
	May 2022	409	272	8	154	0	154	130	6026.78	3226	852
	Jun 2022	660	650	11	283	114	397	139	6032.84	3460	1016
	Jul 2022	378	447	14	266	0	266	146	6036.81	3620	426
	Aug 2022	147	117	14	137	0	137	144	6036.02	3587	174
	Sep 2022	88	85	12	113	0	113	143	6035.08	3549	136
	WY 2022	2300	2263	81	1465	114	1578				3638
	Oct 2022	85	85	8	79	0	79	143	6035.04	3548	121
	Nov 2022	64	81	4	132	0	132	141	6033.71	3495	170
	Dec 2022	40	72	2	184	0	184	136	6030.93	3385	213
	Jan 2023	46	80	2	184	0	184	132	6028.27	3283	213
	Feb 2023	49	80	2	167	0	167	129	6026.00	3197	194
	Mar 2023	110	119	3	149	0	149	127	6025.14	3165	239
	Apr 2023	160	143	5	144	0	144	127	6024.98	3159	404
	May 2023	323	205	8	141	0	141	129	6026.43	3214	790
	Jun 2023	521	481	10	282	56	338	134	6029.80	3341	914
	Jul 2023	298	306	14	92	0	92	142	6034.69	3534	241

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2021 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)
* Aug 2020	4	14	9311.83	73
H Sep 2020	5	9	9309.62	69
WY 2020	101	113		
I Oct 2020	4	5	9308.95	68
S Nov 2020	4	5	9308.44	67
T Dec 2020	4	5	9307.73	66
O Jan 2021	4	5	9306.89	65
R Feb 2021	3	5	9305.99	64
I Mar 2021	4	5	9304.90	62
C Apr 2021	7	5	9305.94	64
A May 2021	16	10	9310.13	70
L Jun 2021	24	16	9314.87	78
* Jul 2021	11	16	9311.57	72
Aug 2021	7	15	9306.46	64
Sep 2021	5	12	9301.64	57
WY 2021	93	105		
Oct 2021	5	6	9300.92	56
Nov 2021	6	4	9302.06	58
Dec 2021	6	5	9302.70	59
Jan 2022	5	5	9302.95	59
Feb 2022	4	4	9303.08	59
Mar 2022	5	5	9303.49	60
Apr 2022	11	13	9301.85	58
May 2022	34	20	9311.16	72
Jun 2022	56	26	9328.00	102
Jul 2022	26	30	9326.01	98
Aug 2022	12	23	9320.39	88
Sep 2022	9	21	9313.46	76
WY 2022	179	161		
Oct 2022	8	12	9311.26	72
Nov 2022	6	5	9311.73	73
Dec 2022	5	5	9311.73	73
Jan 2023	5	5	9311.42	72
Feb 2023	4	5	9310.99	71
Mar 2023	5	5	9310.80	71
Apr 2023	10	17	9306.37	64
May 2023	32	20	9314.02	76
Jun 2023	53	26	9328.84	104
Jul 2023	24	30	9326.17	99

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2021 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)
*	Aug 2020	26	36	1	95	0	95	7478.53	495
H	Sep 2020	23	26	1	80	2	82	7470.42	439
	WY 2020	607	619	8	806	26	908		
I	Oct 2020	20	22	0	66	0	66	7463.47	389
S	Nov 2020	25	25	0	18	0	18	7464.59	396
T	Dec 2020	21	22	0	21	0	21	7464.73	397
O	Jan 2021	22	23	0	19	0	19	7465.24	400
R	Feb 2021	20	22	0	21	0	21	7465.37	401
I	Mar 2021	29	30	0	32	0	32	7465.07	399
C	Apr 2021	47	46	1	79	0	79	7459.68	365
A	May 2021	90	83	1	96	2	98	7457.14	350
L	Jun 2021	127	119	1	77	0	77	7463.84	391
*	Jul 2021	53	58	1	98	0	98	7457.21	350
	Aug 2021	38	46	1	95	0	95	7448.36	300
	Sep 2021	28	35	1	91	0	91	7437.06	243
	WY 2021	519	531	6	714	2	715		
	Oct 2021	28	29	0	74	0	74	7427.10	198
	Nov 2021	35	33	0	13	0	13	7431.67	218
	Dec 2021	29	28	0	14	0	14	7434.66	232
	Jan 2022	27	26	0	14	0	14	7437.23	244
	Feb 2022	25	24	0	13	0	13	7439.67	256
	Mar 2022	42	41	0	15	0	15	7444.79	282
	Apr 2022	97	100	1	32	0	32	7456.85	348
	May 2022	275	261	1	195	5	200	7466.48	408
	Jun 2022	360	330	1	73	0	73	7500.68	664
	Jul 2022	157	161	2	83	0	83	7509.65	740
	Aug 2022	79	89	1	95	0	95	7508.88	734
	Sep 2022	47	60	1	91	0	91	7505.07	701
	WY 2022	1200	1182	7	712	5	717		
	Oct 2022	45	49	1	87	0	87	7500.48	662
	Nov 2022	34	33	0	56	0	56	7497.67	639
	Dec 2022	28	28	0	91	0	91	7489.77	576
	Jan 2023	25	26	0	67	0	67	7484.44	535
	Feb 2023	24	24	0	60	0	60	7479.57	499
	Mar 2023	40	40	0	68	0	68	7475.66	471
	Apr 2023	93	100	1	80	0	80	7478.29	490
	May 2023	262	250	1	159	0	159	7490.14	579
	Jun 2023	343	316	1	140	0	140	7511.12	753
	Jul 2023	150	155	2	96	0	96	7517.52	811

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2021 24-Month Study

Maximum 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)
*	Aug 2020	27	95	1	96	95	0	97	7151.26	110
H	Sep 2020	23	82	1	83	80	0	84	7149.87	109
	WY 2020	632	908	25	933	917	0	933		
I	Oct 2020	21	66	1	67	66	0	66	7151.06	110
S	Nov 2020	27	18	2	20	23	0	23	7147.26	107
T	Dec 2020	24	21	3	24	23	0	23	7148.38	108
O	Jan 2021	23	19	1	21	23	0	23	7145.78	106
R	Feb 2021	21	21	1	22	21	0	21	7146.38	106
I	Mar 2021	30	32	1	33	35	0	35	7143.99	104
C	Apr 2021	49	79	1	81	82	0	82	7141.50	103
A	May 2021	93	98	4	102	91	0	91	7155.08	113
L	Jun 2021	132	77	4	81	85	0	85	7150.02	109
*	Jul 2021	54	98	1	99	97	0	97	7152.51	111
	Aug 2021	40	95	2	97	96	0	96	7153.73	112
	Sep 2021	30	91	2	93	93	0	93	7153.73	112
	WY 2021	544	715	24	740	736	0	736		
	Oct 2021	30	74	2	76	76	0	76	7153.73	112
	Nov 2021	37	13	3	16	16	0	16	7153.73	112
	Dec 2021	31	14	2	17	17	0	17	7153.73	112
	Jan 2022	29	14	3	17	17	0	17	7153.73	112
	Feb 2022	27	13	3	15	15	0	15	7153.73	112
	Mar 2022	46	15	5	19	19	0	19	7153.73	112
	Apr 2022	111	32	14	46	46	0	46	7153.73	112
	May 2022	308	200	33	233	233	0	233	7153.73	112
	Jun 2022	391	73	30	103	103	0	103	7153.72	112
	Jul 2022	166	83	8	92	91	0	91	7153.73	112
	Aug 2022	83	95	4	99	99	0	99	7153.73	112
	Sep 2022	51	91	3	95	94	0	94	7153.73	112
	WY 2022	1310	717	110	827	826	0	826		
	Oct 2022	48	87	3	89	89	0	89	7153.73	112
	Nov 2022	36	56	2	58	58	0	58	7153.73	112
	Dec 2022	30	91	2	93	93	0	93	7153.73	112
	Jan 2023	28	67	2	69	69	0	69	7153.73	112
	Feb 2023	26	60	3	63	63	0	63	7153.73	112
	Mar 2023	44	68	4	72	72	0	72	7153.73	112
	Apr 2023	105	80	13	93	93	0	93	7153.73	112
	May 2023	292	159	30	190	190	0	190	7153.73	112
	Jun 2023	371	140	27	167	167	0	167	7153.72	112
	Jul 2023	157	96	7	103	103	0	103	7153.73	112

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2021 24-Month Study

Maximum 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)
*	Aug 2020	27	97	1	97	97	0	97	6750.09	16	64	35
H	Sep 2020	25	84	1	85	59	27	85	6749.98	16	59	28
	WY 2020	683	933	51	984	905	72	984			447	535
I	Oct 2020	23	66	2	68	49	19	67	6751.39	16	42	25
S	Nov 2020	29	23	2	25	25	0	25	6751.22	16	0	24
T	Dec 2020	27	23	2	26	25	0	26	6751.57	17	1	24
O	Jan 2021	25	23	2	25	25	0	25	6748.38	16	0	24
R	Feb 2021	24	21	2	23	23	0	23	6748.83	16	0	22
I	Mar 2021	32	35	2	37	37	0	37	6748.74	16	11	25
C	Apr 2021	54	82	6	88	86	0	87	6752.67	17	51	36
A	May 2021	103	91	10	101	100	1	100	6753.35	17	64	37
L	Jun 2021	140	85	9	94	94	0	94	6751.32	16	62	33
*	Jul 2021	60	97	6	103	103	0	103	6750.41	16	65	41
	Aug 2021	43	96	3	99	98	0	98	6753.04	17	65	33
	Sep 2021	34	93	4	97	97	0	97	6753.04	17	55	42
	WY 2021	593	736	49	785	762	22	784			417	368
	Oct 2021	34	76	4	80	80	0	80	6753.04	17	30	50
	Nov 2021	43	16	5	21	21	0	21	6753.04	17	0	21
	Dec 2021	36	17	5	22	22	0	22	6753.04	17	0	22
	Jan 2022	34	17	5	22	22	0	22	6753.04	17	0	22
	Feb 2022	31	15	4	19	19	0	19	6753.04	17	0	19
	Mar 2022	53	19	7	26	26	0	26	6753.04	17	5	21
	Apr 2022	125	46	14	60	60	0	60	6753.04	17	42	18
	May 2022	347	233	39	272	134	138	272	6753.04	17	62	210
	Jun 2022	436	103	46	149	130	19	149	6753.03	17	61	88
	Jul 2022	182	91	16	108	108	0	108	6753.04	17	65	43
	Aug 2022	92	99	9	108	108	0	108	6753.04	17	65	43
	Sep 2022	57	94	7	101	101	0	101	6753.04	17	55	46
	WY 2022	1470	826	160	986	829	157	986			385	601
	Oct 2022	54	89	7	96	96	0	96	6753.04	17	55	41
	Nov 2022	41	58	5	63	63	0	63	6753.04	17	0	63
	Dec 2022	35	93	5	98	98	0	98	6753.04	17	0	98
	Jan 2023	33	69	5	74	74	0	74	6753.04	17	0	74
	Feb 2023	30	63	4	67	67	0	67	6753.04	17	0	67
	Mar 2023	51	72	7	79	79	0	79	6753.04	17	5	74
	Apr 2023	119	93	14	107	107	0	107	6753.04	17	42	65
	May 2023	332	190	40	229	134	95	229	6753.04	17	62	167
	Jun 2023	417	167	47	214	130	84	214	6753.03	17	61	153
	Jul 2023	174	103	17	120	120	0	120	6753.04	17	65	55

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2021 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)
*	Aug 2020	5	36	7635.21	54
H	Sep 2020	4	28	7620.77	30
WY 2020		167	213		
I	Oct 2020	3	2	7620.99	30
S	Nov 2020	3	0	7623.08	33
T	Dec 2020	3	0	7624.62	36
O	Jan 2021	3	0	7626.24	38
R	Feb 2021	3	0	7627.63	41
I	Mar 2021	4	0	7629.73	44
C	Apr 2021	14	1	7636.28	57
A	May 2021	50	30	7645.56	77
L	Jun 2021	44	39	7647.63	81
*	Jul 2021	19	36	7639.49	63
	Aug 2021	15	37	7627.63	41
	Sep 2021	13	30	7615.83	24
WY 2021		173	177		
	Oct 2021	11	17	7610.10	18
	Nov 2021	12	2	7618.04	27
	Dec 2021	8	2	7622.60	33
	Jan 2022	7	2	7625.75	38
	Feb 2022	6	2	7628.33	42
	Mar 2022	12	2	7633.75	52
	Apr 2022	32	2	7647.59	81
	May 2022	92	71	7655.84	102
	Jun 2022	102	77	7665.07	126
	Jul 2022	40	46	7662.78	120
	Aug 2022	25	38	7657.64	106
	Sep 2022	25	30	7655.49	101
WY 2022		370	290		
	Oct 2022	20	21	7655.07	100
	Nov 2022	11	10	7655.30	100
	Dec 2022	7	7	7655.30	100
	Jan 2023	6	6	7655.24	100
	Feb 2023	5	5	7655.30	100
	Mar 2023	10	2	7658.49	108
	Apr 2023	27	10	7665.05	126
	May 2023	80	85	7662.61	119
	Jun 2023	88	81	7665.05	126
	Jul 2023	35	43	7661.68	117

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2021 24-Month Study

Maximum 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)
*	Aug 2020	-15	0	16	3	44	52	6048.01	1202	46
H	Sep 2020	-7	0	17	2	21	47	6043.32	1149	44
	WY 2020	431	48	429	27	230	411			671
I	Oct 2020	6	0	6	1	9	42	6039.09	1103	42
S	Nov 2020	17	0	14	1	0	22	6038.29	1094	37
T	Dec 2020	10	0	7	1	0	22	6036.88	1079	33
O	Jan 2021	12	0	10	1	0	24	6035.47	1065	33
R	Feb 2021	13	0	11	1	1	22	6034.25	1052	32
I	Mar 2021	23	1	19	1	4	24	6033.31	1042	32
C	Apr 2021	82	13	57	2	20	32	6033.54	1045	31
A	May 2021	169	25	125	3	34	27	6039.27	1105	65
L	Jun 2021	103	18	78	4	44	21	6040.14	1114	89
*	Jul 2021	24	2	39	4	45	35	6035.96	1070	56
	Aug 2021	19	1	41	3	47	26	6032.52	1034	49
	Sep 2021	25	0	41	2	26	18	6032.08	1030	44
	WY 2021	504	60	447	23	231	314			543
	Oct 2021	30	1	36	1	9	18	6032.72	1036	40
	Nov 2021	44	2	33	1	0	30	6032.94	1038	50
	Dec 2021	36	1	28	1	0	31	6032.66	1036	47
	Jan 2022	29	0	24	1	0	28	6032.28	1032	42
	Feb 2022	43	2	36	1	0	25	6033.30	1042	38
	Mar 2022	137	15	112	1	5	28	6040.60	1119	54
	Apr 2022	250	33	187	2	21	27	6052.62	1257	89
	May 2022	406	56	329	3	35	213	6058.91	1334	380
	Jun 2022	363	50	288	4	51	290	6054.33	1277	482
	Jul 2022	109	11	103	4	56	59	6053.03	1262	144
	Aug 2022	63	4	71	3	47	28	6052.50	1255	72
	Sep 2022	73	6	72	3	26	27	6053.89	1272	65
	WY 2022	1580	181	1319	25	250	802			1502
	Oct 2022	69	5	65	2	9	28	6056.02	1298	59
	Nov 2022	38	1	36	1	0	27	6056.72	1307	46
	Dec 2022	29	0	29	1	0	28	6056.74	1307	44
	Jan 2023	24	0	24	1	0	28	6056.37	1302	42
	Feb 2023	34	1	33	1	0	25	6056.97	1310	38
	Mar 2023	111	11	91	2	5	28	6061.41	1366	54
	Apr 2023	202	25	159	3	21	27	6069.54	1474	88
	May 2023	327	44	289	4	35	267	6068.30	1457	432
	Jun 2023	293	39	247	4	51	297	6060.25	1351	487
	Jul 2023	88	8	88	4	56	105	6054.03	1274	190

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2021 24-Month Study

Maximum 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)
*	Aug 2020	-20	200	51	833	0	833	3599.72	4992	11723	865
H	Sep 2020	47	267	46	602	0	602	3595.98	4963	11371	628
	WY 2020	5848	6543	372	8230	0	8230				8425
I	Oct 2020	92	246	31	640	0	640	3591.72	4932	10977	667
S	Nov 2020	261	279	29	640	0	640	3587.72	4903	10615	650
T	Dec 2020	168	217	23	719	0	719	3582.21	4864	10130	716
O	Jan 2021	198	239	7	763	0	763	3576.45	4825	9638	757
R	Feb 2021	201	235	7	675	0	675	3571.46	4792	9226	670
I	Mar 2021	297	299	11	700	0	700	3566.71	4761	8844	698
C	Apr 2021	289	279	17	628	0	628	3562.37	4734	8504	635
A	May 2021	543	495	20	624	0	624	3560.57	4723	8366	650
L	Jun 2021	809	640	31	651	0	651	3560.06	4720	8328	678
*	Jul 2021	209	305	36	767	0	767	3553.88	4683	7866	798
	Aug 2021	180	358	34	801	0	801	3547.73	4648	7424	825
	Sep 2021	190	340	31	623	0	623	3543.57	4624	7134	639
	WY 2021	3437	3930	276	8230	0	8230				8383
	Oct 2021	270	358	21	480	0	480	3541.63	4614	7001	495
	Nov 2021	622	567	20	500	0	500	3542.27	4617	7045	517
	Dec 2021	480	465	16	600	0	600	3540.19	4606	6904	616
	Jan 2022	472	453	5	723	0	723	3536.37	4586	6650	743
	Feb 2022	515	473	5	639	0	639	3533.95	4573	6492	663
	Mar 2022	885	747	8	675	0	675	3534.86	4578	6551	706
	Apr 2022	1501	1177	14	601	0	601	3542.66	4619	7071	619
	May 2022	3512	3081	19	599	0	599	3573.00	4802	9351	613
	Jun 2022	4335	3812	39	628	0	628	3605.31	5035	12264	637
	Jul 2022	1923	1754	54	709	0	709	3614.44	5108	13182	726
	Aug 2022	781	803	55	758	0	758	3614.34	5107	13172	775
	Sep 2022	604	658	51	568	0	568	3614.69	5110	13208	583
	WY 2022	15900	14347	306	7480	0	7480				7693
	Oct 2022	697	706	36	643	0	643	3614.94	5112	13234	657
	Nov 2022	551	631	34	642	0	642	3614.53	5109	13192	656
	Dec 2022	398	605	27	715	0	715	3613.29	5099	13064	726
	Jan 2023	391	575	8	857	0	857	3610.64	5077	12795	876
	Feb 2023	426	572	9	758	0	758	3608.84	5063	12614	780
	Mar 2023	733	734	15	801	0	801	3608.08	5057	12538	829
	Apr 2023	1243	1086	24	713	0	713	3611.29	5083	12860	729
	May 2023	2909	2643	31	710	0	710	3627.92	5223	14621	719
	Jun 2023	3590	3298	54	745	0	745	3647.73	5408	16935	750
	Jul 2023	1593	1414	70	842	0	842	3651.47	5446	17400	858

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2021 24-Month Study

Maximum 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)
*	Aug 2020	833	69	72	847	13.8	36	850	673	1084.04	10349
H	Sep 2020	602	56	59	646	10.9	28	651	668	1083.21	10279
	WY 2020	8230	863	553	8263		255	8267			
I	Oct 2020	640	35	43	730	11.9	21	734	661	1081.88	10167
S	Nov 2020	640	56	42	714	12.0	11	718	656	1081.07	10100
T	Dec 2020	719	59	37	497	8.1	8	500	671	1083.72	10322
O	Jan 2021	763	72	30	593	9.6	11	616	683	1085.95	10510
R	Feb 2021	675	55	28	574	10.3	8	581	690	1087.26	10622
I	Mar 2021	700	33	31	945	15.4	15	936	675	1084.39	10378
C	Apr 2021	628	36	38	1057	17.8	22	1056	647	1079.30	9953
A	May 2021	624	28	43	1086	17.7	27	1077	616	1073.50	9480
L	Jun 2021	651	-13	51	956	16.1	33	945	592	1068.77	9102
*	Jul 2021	767	93	63	862	14.0	30	854	586	1067.65	9014
	Aug 2021	801	81	67	752	12.2	35	752	588	1067.98	9040
	Sep 2021	623	71	55	669	11.2	31	669	584	1067.25	8983
	WY 2021	8230	606	529	9435		252	9436			
	Oct 2021	480	76	40	596	9.7	25	596	577	1065.98	8883
	Nov 2021	500	83	40	604	10.1	13	604	573	1065.09	8814
	Dec 2021	600	80	34	493	8.0	8	493	582	1066.84	8950
	Jan 2022	723	98	28	522	8.5	11	522	598	1069.93	9194
	Feb 2022	639	116	26	560	10.1	9	560	607	1071.81	9344
	Mar 2022	675	151	30	899	14.6	16	899	600	1070.42	9233
	Apr 2022	601	89	36	943	15.9	18	943	581	1066.76	8944
	May 2022	599	70	41	925	15.0	21	925	562	1062.90	8644
	Jun 2022	628	43	49	885	14.9	30	885	544	1059.28	8369
	Jul 2022	709	82	60	777	12.6	35	777	539	1058.27	8293
	Aug 2022	758	84	64	745	12.1	36	745	539	1058.24	8290
	Sep 2022	568	71	52	661	11.1	32	661	532	1056.91	8190
	WY 2022	7480	1042	501	8611		254	8611			
	Oct 2022	643	68	38	507	8.2	27	507	541	1058.64	8321
	Nov 2022	642	67	38	627	10.5	16	627	543	1058.98	8346
	Dec 2022	715	55	33	541	8.8	11	541	554	1061.28	8520
	Jan 2023	857	92	28	526	8.6	13	526	577	1065.92	8879
	Feb 2023	758	109	26	558	10.1	11	558	594	1069.18	9134
	Mar 2023	801	135	29	899	14.6	18	899	593	1069.05	9124
	Apr 2023	713	79	36	944	15.9	21	944	580	1066.57	8929
	May 2023	710	43	41	931	15.1	25	931	565	1063.61	8699
	Jun 2023	745	23	49	896	15.1	35	896	552	1061.01	8500
	Jul 2023	842	77	61	790	12.9	40	790	554	1061.34	8525

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2021 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)
*	Aug 2020	847	-10	23	822	0	822	13.4	642.61	1688
H	Sep 2020	646	1	18	791	0	791	13.3	636.50	1525
	WY 2020	8263	-50	198	8063	0	8063			
I	Oct 2020	730	-12	15	725	0	725	11.8	635.65	1503
S	Nov 2020	714	-34	11	560	0	560	9.4	639.83	1613
T	Dec 2020	497	-6	9	509	0	509	8.3	638.82	1586
O	Jan 2021	593	-3	10	475	0	474	7.7	642.71	1691
R	Feb 2021	574	-17	10	550	0	550	9.9	642.63	1688
I	Mar 2021	945	-10	13	920	0	920	15.0	642.69	1690
C	Apr 2021	1057	-21	17	1028	0	1028	17.3	642.37	1682
A	May 2021	1086	-10	22	1055	0	1055	17.2	642.32	1680
L	Jun 2021	956	-2	25	901	0	901	15.1	643.33	1708
*	Jul 2021	862	-6	25	831	0	831	13.5	643.31	1707
	Aug 2021	752	-11	23	747	0	747	12.2	642.25	1678
	Sep 2021	669	-11	18	754	0	754	12.7	638.00	1564
	WY 2021	9435	-143	198	9054	0	9054			
	Oct 2021	596	-11	15	700	0	700	11.4	633.00	1434
	Nov 2021	604	-23	10	519	0	519	8.7	635.00	1486
	Dec 2021	493	-11	9	354	0	354	5.8	639.51	1604
	Jan 2022	522	-17	10	433	0	433	7.0	641.80	1666
	Feb 2022	560	-9	10	541	0	541	9.7	641.80	1666
	Mar 2022	899	-7	13	845	0	845	13.7	643.05	1700
	Apr 2022	943	-8	17	920	0	920	15.5	643.00	1699
	May 2022	925	-8	22	895	0	895	14.6	643.00	1699
	Jun 2022	885	-13	25	847	0	847	14.2	643.00	1699
	Jul 2022	777	-10	25	769	0	769	12.5	642.00	1671
	Aug 2022	745	-11	23	711	0	711	11.6	642.00	1671
	Sep 2022	661	-11	18	686	0	686	11.5	640.01	1617
	WY 2022	8611	-138	197	8222	0	8222			
	Oct 2022	507	-11	15	664	0	664	10.8	633.00	1434
	Nov 2022	627	-23	10	543	0	543	9.1	635.00	1486
	Dec 2022	541	-11	9	403	0	403	6.6	639.51	1604
	Jan 2023	526	-17	10	438	0	438	7.1	641.80	1666
	Feb 2023	558	-9	10	539	0	539	9.7	641.80	1666
	Mar 2023	899	-7	13	845	0	845	13.7	643.05	1700
	Apr 2023	944	-8	17	921	0	921	15.5	643.00	1699
	May 2023	931	-8	22	901	0	901	14.7	643.00	1699
	Jun 2023	896	-13	25	858	0	858	14.4	643.00	1699
	Jul 2023	790	-10	25	782	0	782	12.7	642.00	1671

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2021 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)
*	Aug 2020	822	2	17	649	10.6	79	61	448.03	581	127	2.1
H	Sep 2020	791	4	15	542	9.1	92	164	446.61	554	111	1.9
	WY 2020	8063	98	139	6041		631	1319			1494	
I	Oct 2020	725	21	12	448	7.3	94	164	447.77	576	66	1.1
S	Nov 2020	560	20	9	357	6.0	92	123	447.50	571	92	1.5
T	Dec 2020	509	9	7	286	4.7	95	145	446.46	551	90	1.5
O	Jan 2021	474	13	6	256	4.2	70	124	447.88	578	122	2.0
R	Feb 2021	550	-2	8	430	7.7	0	111	447.56	572	124	2.2
I	Mar 2021	920	2	9	663	10.8	99	149	447.28	566	179	2.9
C	Apr 2021	1028	2	11	728	12.2	102	163	448.04	581	167	2.8
A	May 2021	1055	1	13	746	12.1	107	168	448.51	590	145	2.4
L	Jun 2021	901	22	15	706	11.9	103	87	448.55	591	141	2.4
*	Jul 2021	831	15	17	669	10.9	106	51	448.23	585	139	2.3
	Aug 2021	747	15	17	585	9.5	108	50	447.80	576	113	1.8
	Sep 2021	754	14	15	523	8.8	96	130	447.50	570	107	1.8
	WY 2021	9054	131	140	6398		1072	1466			1485	
	Oct 2021	700	21	12	461	7.5	99	144	447.50	571	66	1.1
	Nov 2021	519	18	9	357	6.0	75	92	447.50	570	94	1.6
	Dec 2021	354	20	7	242	3.9	77	62	446.50	552	84	1.4
	Jan 2022	433	17	6	302	4.9	97	41	446.50	552	138	2.2
	Feb 2022	541	7	8	397	7.2	24	113	446.50	552	124	2.2
	Mar 2022	845	7	9	613	10.0	97	121	446.70	555	147	2.4
	Apr 2022	920	11	11	700	11.8	55	117	448.70	593	147	2.5
	May 2022	895	9	13	682	11.1	70	126	448.70	593	110	1.8
	Jun 2022	847	6	16	688	11.6	68	68	448.70	593	116	2.0
	Jul 2022	769	15	17	663	10.8	71	35	448.00	580	123	2.0
	Aug 2022	711	15	17	602	9.8	71	35	447.50	571	101	1.6
	Sep 2022	686	14	15	510	8.6	68	95	447.50	570	99	1.7
	WY 2022	8222	161	139	6217		872	1049			1349	
	Oct 2022	664	21	12	480	7.8	71	117	447.50	571	89	1.4
	Nov 2022	543	18	9	364	6.1	68	114	447.50	571	115	1.9
	Dec 2022	403	20	7	257	4.2	92	82	446.50	552	110	1.8
	Jan 2023	438	17	6	310	5.0	89	45	446.50	552	138	2.2
	Feb 2023	539	7	8	401	7.2	16	115	446.50	552	124	2.2
	Mar 2023	845	7	9	619	10.1	89	123	446.70	555	147	2.4
	Apr 2023	921	11	11	706	11.9	47	120	448.70	593	147	2.5
	May 2023	901	9	13	694	11.3	62	128	448.70	593	110	1.8
	Jun 2023	858	6	16	704	11.8	60	71	448.70	593	116	2.0
	Jul 2023	782	15	17	680	11.1	63	39	448.00	580	123	2.0

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2021 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
*	Aug 2020	847	13.8	1084.04	10349	-50	438.65	1502.1	328.8	94	388.2
H	Sep 2020	646	10.9	1083.21	10279	-70	441.07	1264.0	250.3	81	387.6
WY 2020		8263							3256.3		
I	Oct 2020	730	11.9	1081.88	10167	-111	439.76	1154.0	284.7	74	390.2
S	Nov 2020	714	12.0	1081.07	10100	-68	437.77	1303.0	275.5	85	385.6
T	Dec 2020	497	8.0	1083.72	10322	222	442.26	1266.0	191.3	81	384.9
O	Jan 2021	593	9.6	1085.95	10510	189	440.07	1191.0	233.1	74	393.3
R	Feb 2021	574	10.3	1087.26	10622	112	440.33	1080.0	225.4	67	392.4
I	Mar 2021	945	15.4	1084.39	10378	-244	437.56	1109.0	376.2	70	398.0
C	Apr 2021	1057	17.8	1079.30	9953	-425	427.23	1086.9	415.5	70	393.2
A	May 2021	1086	17.7	1073.50	9480	-473	423.99	1042.9	433.7	69	399.5
L	Jun 2021	956	16.1	1068.77	9102	-378	419.04	1451.0	366.8	100	383.7
*	Jul 2021	862	14.0	1067.65	9014	-88	421.16	1417.0	323.4	100	375.3
	Aug 2021	752	12.2	1067.98	9040	26	415.31	1322.1	280.7	93	373.2
	Sep 2021	669	11.2	1067.25	8983	-57	416.83	1306.1	248.0	93	370.8
WY 2021		9435							3654.4		
	Oct 2021	596	9.7	1065.98	8883	-99	418.42	1278.1	221.5	91	371.7
	Nov 2021	604	10.1	1065.09	8814	-69	422.06	861.1	230.4	62	381.6
	Dec 2021	493	8.0	1066.84	8950	136	420.07	910.0	186.8	65	379.2
	Jan 2022	522	8.5	1069.93	9194	244	420.99	833.0	200.0	58	383.4
	Feb 2022	560	10.1	1071.81	9344	150	422.01	927.9	213.2	65	380.7
	Mar 2022	899	14.6	1070.42	9233	-112	419.67	1206.0	340.2	85	378.3
	Apr 2022	943	15.9	1066.76	8944	-289	417.08	1136.0	358.8	82	380.3
	May 2022	925	15.0	1062.90	8644	-299	413.48	1094.0	346.7	81	374.7
	Jun 2022	885	14.9	1059.28	8369	-275	407.80	1315.0	323.3	100	365.2
	Jul 2022	777	12.6	1058.27	8293	-76	405.83	1298.0	283.6	100	364.9
	Aug 2022	745	12.1	1058.24	8290	-3	405.64	1281.0	270.5	100	363.1
	Sep 2022	661	11.1	1056.91	8190	-100	405.61	1281.0	237.7	100	359.5
WY 2022		8611							3212.9		
	Oct 2022	507	8.2	1058.64	8321	130	410.84	933.0	188.3	74	371.4
	Nov 2022	627	10.5	1058.98	8346	26	412.84	1076.0	228.9	86	365.1
	Dec 2022	541	8.8	1061.28	8520	174	411.97	1097.0	196.0	87	362.2
	Jan 2023	526	8.6	1065.92	8879	358	414.52	1104.1	191.7	74	364.5
	Feb 2023	558	10.1	1069.18	9134	256	418.43	1013.6	210.4	67	376.8
	Mar 2023	899	14.6	1069.05	9124	-10	419.30	1051.5	343.4	70	382.0
	Apr 2023	944	15.9	1066.57	8929	-196	417.60	1043.3	362.8	70	384.3
	May 2023	931	15.1	1063.61	8699	-230	415.05	1012.0	354.0	69	380.1
	Jun 2023	896	15.1	1061.01	8500	-200	409.00	1459.3	328.9	100	366.9
	Jul 2023	790	12.9	1061.34	8525	25	408.20	1461.2	290.6	100	367.8

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2021 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
*	Aug 2020	822	13.4	642.61	1688	-8	141.10	255.0	104.0	100	126.5
H	Sep 2020	791	13.3	636.50	1525	-163	133.32	255.0	98.1	100	123.9
WY 2020		8063							1015.1		
I	Oct 2020	725	11.8	635.65	1503	-22	134.17	215.5	91.1	85	125.5
S	Nov 2020	560	9.4	639.83	1613	110	140.14	168.3	67.8	66	121.2
T	Dec 2020	509	8.3	638.82	1586	-27	135.77	153.0	65.2	60	128.2
O	Jan 2021	475	7.7	642.71	1691	105	143.89	156.3	55.9	61	117.7
R	Feb 2021	550	9.9	642.63	1688	-2	141.55	156.5	71.1	61	129.2
I	Mar 2021	920	15.0	642.69	1690	2	138.82	161.2	117.8	63	128.0
C	Apr 2021	1028	17.3	642.37	1682	-9	138.42	253.3	130.1	99	126.6
A	May 2021	1055	17.2	642.32	1680	-2	139.64	255.0	133.2	100	126.2
L	Jun 2021	901	15.1	643.33	1708	28	141.86	255.0	114.4	100	127.0
*	Jul 2021	831	13.5	643.31	1707	-1	139.09	253.3	106.2	99	127.8
	Aug 2021	747	12.2	642.25	1678	-29	140.07	255.0	94.3	100	126.2
	Sep 2021	754	12.7	638.00	1564	-114	137.22	255.0	93.2	100	123.6
WY 2021		9054							1140.3		
	Oct 2021	700	11.4	633.00	1434	-130	133.08	227.0	83.9	89	119.9
	Nov 2021	519	8.7	635.00	1486	51	132.68	159.8	62.1	63	119.5
	Dec 2021	354	5.8	639.51	1604	118	137.28	154.7	43.8	61	123.7
	Jan 2022	433	7.0	641.80	1666	62	140.08	156.3	54.7	61	126.2
	Feb 2022	541	9.7	641.80	1666	0	140.05	156.6	68.2	61	126.2
	Mar 2022	845	13.7	643.05	1700	34	139.12	194.1	105.9	76	125.3
	Apr 2022	920	15.5	643.00	1699	-2	139.12	249.9	115.3	98	125.3
	May 2022	895	14.6	643.00	1699	0	139.41	255.0	112.4	100	125.6
	Jun 2022	847	14.2	643.00	1699	0	139.52	255.0	106.4	100	125.7
	Jul 2022	769	12.5	642.00	1671	-27	139.65	255.0	96.8	100	125.8
	Aug 2022	711	11.6	642.00	1671	0	139.51	255.0	89.4	100	125.7
	Sep 2022	686	11.5	640.01	1617	-54	138.53	255.0	85.6	100	124.8
WY 2022		8222							1024.7		
	Oct 2022	664	10.8	633.00	1434	-183	134.32	227.0	80.4	89	121.0
	Nov 2022	543	9.1	635.00	1486	51	132.51	159.8	64.8	63	119.4
	Dec 2022	403	6.6	639.51	1604	118	136.91	154.7	49.7	61	123.3
	Jan 2023	438	7.1	641.80	1666	62	140.05	156.3	55.2	61	126.2
	Feb 2023	539	9.7	641.80	1666	0	140.06	156.6	68.0	61	126.2
	Mar 2023	845	13.7	643.05	1700	34	139.12	194.1	105.9	76	125.3
	Apr 2023	921	15.5	643.00	1699	-2	139.11	249.9	115.4	98	125.3
	May 2023	901	14.7	643.00	1699	0	139.37	255.0	113.1	100	125.6
	Jun 2023	858	14.4	643.00	1699	0	139.46	255.0	107.8	100	125.6
	Jul 2023	782	12.7	642.00	1671	-27	139.57	255.0	98.4	100	125.7

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2021 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
*	Aug 2020	649	10.6	448.03	581	8	80.50	120.0	45.0	100	69.3
H	Sep 2020	542	9.1	446.61	554	-27	78.70	120.0	37.7	100	69.6
WY 2020		6041							416.0		
I	Oct 2020	448	7.3	447.77	576	22	81.85	90.0	32.2	75	71.8
S	Nov 2020	357	6.0	447.50	571	-5	81.16	90.0	23.9	75	66.9
T	Dec 2020	286	4.7	446.46	551	-19	80.52	118.1	19.7	98	68.9
O	Jan 2021	256	4.2	447.88	578	26	82.16	97.7	16.1	81	62.9
R	Feb 2021	430	7.7	447.56	572	-6	79.82	97.2	29.8	81	69.3
I	Mar 2021	663	10.8	447.28	566	-5	79.45	120.0	46.2	100	69.7
C	Apr 2021	728	12.2	448.04	581	14	79.77	120.0	50.2	100	68.9
A	May 2021	746	12.1	448.51	590	9	80.39	120.0	52.0	100	69.7
L	Jun 2021	706	11.9	448.55	591	1	82.07	120.0	49.4	100	69.9
*	Jul 2021	669	10.9	448.23	585	-6	80.10	120.0	46.6	100	69.6
	Aug 2021	585	9.5	447.80	576	-8	75.39	120.0	38.3	100	65.6
	Sep 2021	523	8.8	447.50	570	-6	75.03	120.0	34.0	100	65.1
WY 2021		6398							438.4		
	Oct 2021	461	7.5	447.50	571	0	76.14	92.9	30.3	77	65.8
	Nov 2021	357	6.0	447.50	570	0	76.19	92.0	23.2	77	65.0
	Dec 2021	242	3.9	446.50	552	-19	74.82	110.3	15.1	92	62.1
	Jan 2022	302	4.9	446.50	552	0	75.12	93.9	19.1	78	63.5
	Feb 2022	397	7.2	446.50	552	0	75.15	93.2	25.8	78	64.9
	Mar 2022	613	10.0	446.70	555	4	74.01	120.0	39.7	100	64.7
	Apr 2022	700	11.8	448.70	593	38	75.08	120.0	46.1	100	65.8
	May 2022	682	11.1	448.70	593	0	76.05	120.0	45.3	100	66.4
	Jun 2022	688	11.6	448.70	593	0	76.05	120.0	45.7	100	66.5
	Jul 2022	663	10.8	448.00	580	-13	75.71	120.0	43.8	100	66.1
	Aug 2022	602	9.8	447.50	571	-10	75.13	120.0	39.4	100	65.5
	Sep 2022	510	8.6	447.50	570	0	74.89	120.0	33.2	100	65.0
WY 2022		6217							406.6		
	Oct 2022	480	7.8	447.50	571	0	76.19	91.9	31.7	77	65.9
	Nov 2022	364	6.1	447.50	571	0	76.14	93.0	23.7	78	65.0
	Dec 2022	257	4.2	446.50	552	-19	74.77	111.3	16.0	93	62.4
	Jan 2023	310	5.0	446.50	552	0	75.12	93.9	19.7	78	63.6
	Feb 2023	401	7.2	446.50	552	0	75.10	94.3	26.0	79	64.9
	Mar 2023	619	10.1	446.70	555	4	74.01	120.0	40.0	100	64.7
	Apr 2023	706	11.9	448.70	593	38	75.08	120.0	46.5	100	65.8
	May 2023	694	11.3	448.70	593	0	76.05	120.0	46.1	100	66.5
	Jun 2023	704	11.8	448.70	593	0	76.05	120.0	46.8	100	66.5
	Jul 2023	680	11.1	448.00	580	-13	75.71	120.0	45.0	100	66.2

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2021 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
*	Aug 2020	367	43	28	32	19	7
H	Sep 2020	262	37	23	28	11	2
	Summer 2020	1806	254	146	182	102	37
I	Oct 2020	277	24	18	22	9	0
S	Nov 2020	275	20	5	7	3	1
T	Dec 2020	304	24	5	7	3	3
O	Jan 2021	319	24	5	6	3	3
R	Feb 2021	278	21	5	6	2	3
I	Mar 2021	285	20	8	11	6	3
	Winter 2021	1738	132	46	60	25	14
C	Apr 2021	254	19	20	28	17	3
A	May 2021	249	36	24	32	20	3
L	Jun 2021	260	30	20	30	19	3
*	Jul 2021	303	24	27	34	20	3
	Aug 2021	300	32	25	35	17	3
	Sep 2021	230	31	23	34	17	3
	Summer 2021	1596	172	140	192	109	17
	Oct 2021	177	25	18	27	14	2
	Nov 2021	183	18	3	6	4	4
	Dec 2021	219	18	3	6	4	4
	Jan 2022	262	18	4	6	4	4
	Feb 2022	231	16	3	6	3	3
	Mar 2022	243	39	4	7	5	4
	Winter 2022	1316	133	35	57	33	21
	Apr 2022	218	38	8	17	10	5
	May 2022	228	52	53	84	23	7
	Jun 2022	256	96	21	37	22	8
	Jul 2022	302	91	25	33	19	8
	Aug 2022	325	47	29	36	19	5
	Sep 2022	244	39	28	34	17	3
	Summer 2022	1574	362	165	240	111	35
	Oct 2022	277	27	26	32	17	4
	Nov 2022	276	45	17	21	11	5
	Dec 2022	306	63	27	33	17	5
	Jan 2023	366	62	19	25	13	4
	Feb 2023	323	56	17	23	12	4
	Mar 2023	340	50	19	26	14	4
	Winter 2023	1548	254	107	134	69	21
	Apr 2023	303	48	23	33	18	5
	May 2023	308	47	46	68	23	6
	Jun 2023	335	95	42	60	22	8
	Jul 2023	387	31	30	37	21	8

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

August 2021 24-Month Study

Maximum Probable Inflow*

Flood Control Criteria - Beginning of Month Conditions



— BUREAU OF —
RECLAMATION

Date	Flaming Gorge	Blue Mesa	Navajo	Lake Powell	Upper Basin Total	Lake Mead	Total	Flaming Gorge	Blue Mesa	Navajo	Tot or Max Allow	Lake Powell	Lake Mead	BOM Space Total	Mead Sched Rel	Mead FC Rel	Sys Cont	
	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	MAF	
*** PREDICTED SPACE ***								*** CREDITABLE SPACE ***										
Aug 2021	749	479	632	16456	18315	18606	36921	749	479	632	1859	16456	18606	36921	1500	752	0	23.5
Sep 2021	827	529	667	16898	18922	18580	37502	827	529	667	2024	16898	18580	37502	2270	669	0	22.9
Oct 2021	905	586	672	17188	19351	18637	37988	905	586	672	2162	17188	18637	37988	3040	596	0	22.5
Nov 2021	955	631	665	17321	19572	18737	38308	955	631	665	2251	17321	18737	38308	3810	604	0	22.5
Dec 2021	939	611	663	17277	19490	18806	38296	939	611	663	2213	17277	18806	38296	4580	493	0	22.6
Jan 2022	944	597	666	17418	19625	18670	38295	944	597	666	2207	17418	18670	38295	5350	522	0	22.7
*** EFFECTIVE SPACE ***								*** CREDITABLE SPACE ***										
Jan 2022	944	597	666	17418	19625	18670	38295	762	552	411	1725	17418	18670	37813	5350	522	0	22.7
Feb 2022	943	585	670	17672	19870	18426	38295	757	540	414	1711	17672	18426	37808	1500	560	0	22.7
Mar 2022	932	574	659	17830	19995	18276	38271	742	528	403	1673	17830	18276	37779	1500	899	0	22.8
Apr 2022	913	548	582	17771	19815	18387	38202	720	501	319	1540	17771	18387	37698	1500	943	0	23.4
May 2022	831	481	445	17251	19008	18676	37684	630	436	159	1225	17251	18676	37152	1500	925	0	25.7
Jun 2022	589	421	367	14971	16348	18976	35324	375	361	43	779	14971	18976	34725	1500	885	0	28.9
Jul 2022	349	166	424	12058	12996	19251	32248	112	74	44	230	12058	19251	31539	1500	777	0	29.8
*** EFFECTIVE SPACE ***								*** CREDITABLE SPACE ***										
Aug 2022	260	89	440	11140	11929	19327	31256	260	89	440	789	11140	19327	31256	1500	745	0	29.7
Sep 2022	264	96	446	11150	11956	19330	31286	264	96	446	806	11150	19330	31286	2270	661	0	29.6
Oct 2022	301	129	429	11114	11973	19430	31403	301	129	429	859	11114	19430	31403	3040	507	0	29.5
Nov 2022	304	167	403	11088	11963	19299	31263	304	167	403	875	11088	19299	31263	3810	627	0	29.5
Dec 2022	375	190	395	11130	12090	19274	31364	375	190	395	960	11130	19274	31364	4580	541	0	29.4
Jan 2023	518	254	394	11258	12424	19100	31524	518	254	394	1166	11258	19100	31524	5350	526	0	29.4
*** EFFECTIVE SPACE ***								*** CREDITABLE SPACE ***										
Jan 2023	518	254	394	11258	12424	19100	31524	292	254	153	699	11258	19100	31057	5350	526	0	29.4
Feb 2023	655	295	399	11527	12875	18741	31617	431	295	157	883	11527	18741	31151	1500	558	0	29.3
Mar 2023	771	331	392	11708	13201	18486	31687	548	331	149	1028	11708	18486	31221	1500	899	0	29.2
Apr 2023	813	359	335	11784	13291	18496	31787	587	359	86	1032	11784	18496	31312	1500	944	0	29.5
May 2023	802	340	227	11462	12830	18691	31521	571	340	-46	865	11462	18691	31018	1500	931	0	31.3
Jun 2023	631	251	244	9701	10826	18921	29747	389	251	-68	572	9701	18921	29193	1500	896	0	33.7
Jul 2023	466	76	350	7387	8279	19120	27399	206	54	-18	242	7387	19120	26750	1500	790	0	34.3

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