

To: All Annual Operating Plan (AOP) Recipients

From: Lower Colorado Basin Region
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In addition to the April 2021 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/q4000/24mo/2021/April-Chart.pdf>.

The water year 2021 unregulated inflow into Lake Powell in the April Probable Maximum inflow scenario is 7.49 maf, or 69 percent of average. Consistent with the Interim Guidelines, the April Probable Maximum 24-Month Study results in a projected release volume from Glen Canyon Dam of 8.23 maf in water year 2021 and 9.00 maf in water year 2022. With intervening flows between Lake Powell and Lake Mead of 0.75 maf in water year 2021, Lake Mead's elevation is projected to be 1,069.45 feet on September 30, 2021.

The 2021 AOP is available for download at:
<https://www.usbr.gov/lc/region/q4000/aop/AOP21.pdf>.

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

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 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)
*	Apr 2020	83	1	73	0	73	6475.89	145
H	May 2020	161	1	101	0	101	6486.37	203
I	Jun 2020	288	2	107	73	180	6501.43	309
S	Jul 2020	145	3	99	23	121	6504.12	330
T	Aug 2020	41	2	74	0	74	6499.62	295
O	Sep 2020	25	2	26	35	61	6494.55	258
	WY 2020	996	15	856	137	993		
R	Oct 2020	32	1	0	55	55	6490.95	225
I	Nov 2020	33	1	17	35	52	6487.89	205
C	Dec 2020	27	1	50	1	51	6483.85	180
A	Jan 2021	25	1	48	2	51	6479.03	153
L	Feb 2021	24	0	46	0	46	6474.49	132
*	Mar 2021	40	0	51	0	51	6472.03	121
	Apr 2021	69	1	49	0	49	6476.15	146
	May 2021	141	1	64	0	64	6489.21	222
	Jun 2021	233	2	104	56	160	6499.19	292
	Jul 2021	137	3	98	0	98	6503.96	329
	Aug 2021	69	2	74	0	74	6503.09	322
	Sep 2021	49	2	46	25	71	6499.96	298
	WY 2021	879	15	647	175	822		
	Oct 2021	57	1	30	44	74	6497.47	279
	Nov 2021	47	1	73	0	73	6493.75	253
	Dec 2021	35	1	75	0	75	6487.67	212
	Jan 2022	33	1	75	0	75	6480.56	169
	Feb 2022	31	1	68	0	68	6472.92	131
	Mar 2022	58	0	78	0	78	6468.19	111
	Apr 2022	102	1	85	0	85	6471.91	127
	May 2022	213	1	101	0	101	6491.50	237
	Jun 2022	388	2	105	227	332	6499.03	291
	Jul 2022	245	3	103	123	226	6501.26	308
	Aug 2022	97	2	74	0	74	6503.85	328
	Sep 2022	55	2	71	0	71	6501.49	309
	WY 2022	1360	15	940	393	1333		
	Oct 2022	55	1	74	0	74	6498.88	290
	Nov 2022	45	1	73	0	73	6494.92	261
	Dec 2022	33	1	75	0	75	6488.61	218
	Jan 2023	31	1	75	0	75	6481.25	173
	Feb 2023	29	1	68	0	68	6473.32	133
	Mar 2023	53	0	75	0	75	6468.21	111

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2021 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)
*	Apr 2020	111	104	5	112	0	112	129	6026.26	3207	308
H	May 2020	217	158	8	98	31	129	130	6026.81	3228	672
I	Jun 2020	342	236	10	157	31	188	131	6027.76	3263	530
S	Jul 2020	163	134	13	90	0	90	133	6028.55	3293	131
T	Aug 2020	38	67	12	112	0	112	130	6027.10	3238	124
O	Sep 2020	28	64	11	98	0	98	129	6025.93	3195	112
	WY 2020	1255	1251	80	1333	62	1395				2825
R	Oct 2020	25	50	7	64	0	64	128	6025.38	3174	85
I	Nov 2020	37	55	4	54	0	54	128	6025.33	3172	82
C	Dec 2020	24	48	2	62	0	62	127	6024.91	3157	88
A	Jan 2021	31	57	2	62	0	62	127	6024.75	3151	88
L	Feb 2021	31	52	2	56	0	56	127	6024.59	3145	79
*	Mar 2021	68	79	3	52	0	52	127	6025.21	3168	96
	Apr 2021	125	105	5	60	0	60	129	6026.25	3207	243
	May 2021	245	168	8	99	0	99	131	6027.82	3266	553
	Jun 2021	358	285	10	189	0	189	135	6029.98	3348	541
	Jul 2021	183	144	14	80	0	80	137	6031.23	3397	144
	Aug 2021	89	94	13	109	0	109	136	6030.54	3370	133
	Sep 2021	61	83	11	111	0	111	134	6029.57	3333	126
	WY 2021	1276	1220	81	996	0	996				2260
	Oct 2021	72	89	7	72	0	72	134	6029.82	3342	112
	Nov 2021	59	85	3	103	0	103	134	6029.28	3321	140
	Dec 2021	40	80	2	154	0	154	131	6027.37	3249	182
	Jan 2022	46	88	2	154	0	154	128	6025.63	3184	182
	Feb 2022	49	87	2	139	0	139	126	6024.22	3131	166
	Mar 2022	110	130	3	121	0	121	126	6024.39	3138	210
	Apr 2022	160	144	5	117	0	117	127	6024.98	3159	376
	May 2022	323	211	8	127	0	127	130	6026.96	3233	776
	Jun 2022	521	465	10	283	23	306	136	6030.70	3376	882
	Jul 2022	298	279	14	76	0	76	143	6035.27	3557	225
	Aug 2022	116	94	13	105	0	105	142	6034.68	3534	140
	Sep 2022	69	86	12	110	0	110	141	6033.82	3499	132
	WY 2022	1863	1836	81	1559	23	1582				3524
	Oct 2022	68	87	8	100	0	100	140	6033.32	3479	139
	Nov 2022	52	80	4	112	0	112	139	6032.46	3445	148
	Dec 2022	33	76	2	157	0	157	135	6030.41	3365	184
	Jan 2023	40	84	2	157	0	157	133	6028.56	3294	184
	Feb 2023	44	83	2	142	0	142	130	6027.02	3235	166
	Mar 2023	95	117	3	117	0	117	130	6026.93	3232	196

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

Model Run ID: 3141

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 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)
*	Apr 2020	7	6	9311.67	73
H	May 2020	24	10	9319.44	86
I	Jun 2020	22	16	9322.93	92
S	Jul 2020	8	17	9317.91	83
T	Aug 2020	4	14	9311.83	73
O	Sep 2020	5	9	9309.62	69
	WY 2020	101	113		
R	Oct 2020	4	5	9308.95	68
I	Nov 2020	4	5	9308.44	67
C	Dec 2020	4	5	9307.73	66
A	Jan 2021	4	5	9306.89	65
L	Feb 2021	3	5	9305.99	64
*	Mar 2021	4	5	9304.90	62
	Apr 2021	9	9	9304.65	62
	May 2021	26	15	9311.66	73
	Jun 2021	40	18	9324.32	95
	Jul 2021	15	21	9321.17	89
	Aug 2021	9	21	9314.49	77
	Sep 2021	8	18	9308.23	67
	WY 2021	130	133		
	Oct 2021	8	9	9307.32	66
	Nov 2021	6	6	9307.12	65
	Dec 2021	5	6	9306.60	65
	Jan 2022	5	6	9305.73	63
	Feb 2022	4	6	9304.78	62
	Mar 2022	5	6	9304.03	61
	Apr 2022	10	9	9304.78	62
	May 2022	32	15	9315.58	79
	Jun 2022	53	21	9332.58	112
	Jul 2022	24	21	9334.11	115
	Aug 2022	12	21	9329.61	105
	Sep 2022	8	18	9324.74	96
	WY 2022	172	144		
	Oct 2022	7	9	9323.89	94
	Nov 2022	5	5	9324.06	95
	Dec 2022	5	5	9323.80	94
	Jan 2023	4	5	9323.32	93
	Feb 2023	4	5	9322.84	92
	Mar 2023	5	5	9322.47	92

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 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)
*	Apr 2020	50	49	1	73	0	73	7480.49	510
H	May 2020	153	140	1	82	17	99	7485.88	550
I	Jun 2020	139	131	1	83	3	85	7491.64	594
S	Jul 2020	46	55	1	92	1	92	7486.61	555
T	Aug 2020	26	36	1	95	0	95	7478.53	495
O	Sep 2020	23	26	1	80	2	82	7470.42	439
	WY 2020	607	619	8	806	26	908		
R	Oct 2020	20	22	0	66	0	66	7463.47	389
I	Nov 2020	25	25	0	18	0	18	7464.59	396
C	Dec 2020	21	22	0	21	0	21	7464.73	397
A	Jan 2021	22	23	0	19	0	19	7465.24	400
L	Feb 2021	20	22	0	21	0	21	7465.37	401
*	Mar 2021	29	30	0	32	0	32	7465.07	399
	Apr 2021	77	78	1	45	0	45	7469.98	431
	May 2021	197	186	1	179	0	179	7470.84	437
	Jun 2021	259	236	1	59	0	59	7494.50	613
	Jul 2021	97	103	1	80	0	80	7497.13	635
	Aug 2021	62	74	1	83	0	83	7495.81	624
	Sep 2021	41	51	1	78	0	78	7492.35	596
	WY 2021	869	871	8	702	0	702		
	Oct 2021	44	45	1	73	0	73	7488.71	568
	Nov 2021	33	34	0	18	0	18	7490.69	583
	Dec 2021	28	28	0	21	0	21	7491.65	591
	Jan 2022	25	27	0	20	0	20	7492.41	597
	Feb 2022	24	25	0	18	0	18	7493.20	603
	Mar 2022	40	41	0	21	0	21	7495.54	622
	Apr 2022	93	92	1	39	0	39	7501.81	673
	May 2022	262	245	1	207	186	393	7482.97	524
	Jun 2022	343	311	1	97	0	97	7509.17	736
	Jul 2022	150	147	2	96	0	96	7514.70	785
	Aug 2022	75	84	1	107	0	107	7511.97	761
	Sep 2022	45	55	1	104	0	104	7506.26	711
	WY 2022	1161	1132	9	822	186	1008		
	Oct 2022	43	45	1	86	0	86	7501.29	669
	Nov 2022	32	32	0	53	0	53	7498.72	648
	Dec 2022	27	27	0	104	0	104	7489.03	570
	Jan 2023	25	26	0	49	0	49	7485.96	546
	Feb 2023	23	24	0	30	0	30	7485.07	540
	Mar 2023	37	38	0	35	0	35	7485.41	542

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 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)
*	Apr 2020	54	73	4	77	76	0	76	7147.10	107
H	May 2020	162	99	10	109	109	0	109	7146.72	107
I	Jun 2020	142	85	4	89	85	0	85	7152.13	111
S	Jul 2020	47	92	1	93	93	0	93	7152.06	111
T	Aug 2020	27	95	1	96	95	0	97	7151.26	110
O	Sep 2020	23	82	1	83	80	0	84	7149.87	109
	WY 2020	632	908	25	933	917	0	933		
R	Oct 2020	21	66	1	67	66	0	66	7151.06	110
I	Nov 2020	27	18	2	20	23	0	23	7147.26	107
C	Dec 2020	24	21	3	24	23	0	23	7148.38	108
A	Jan 2021	23	19	1	21	23	0	23	7145.78	106
L	Feb 2021	21	21	1	22	21	0	21	7146.38	106
*	Mar 2021	30	32	1	33	35	0	35	7143.99	104
	Apr 2021	87	45	10	55	47	0	47	7153.73	112
	May 2021	217	179	20	199	199	0	199	7153.73	112
	Jun 2021	276	59	17	76	76	0	76	7153.72	112
	Jul 2021	100	80	3	83	83	0	83	7153.73	112
	Aug 2021	64	83	2	85	85	0	85	7153.73	112
	Sep 2021	43	78	2	80	80	0	80	7153.73	112
	WY 2021	933	702	64	766	762	0	762		
	Oct 2021	46	73	3	75	75	0	75	7153.73	112
	Nov 2021	36	18	2	20	20	0	20	7153.73	112
	Dec 2021	30	21	2	23	23	0	23	7153.73	112
	Jan 2022	28	20	2	23	23	0	23	7153.73	112
	Feb 2022	26	18	3	21	21	0	21	7153.73	112
	Mar 2022	44	21	4	26	26	0	26	7153.73	112
	Apr 2022	105	39	13	52	52	0	52	7153.73	112
	May 2022	292	393	30	423	306	117	423	7153.73	112
	Jun 2022	371	97	27	125	125	0	125	7153.72	112
	Jul 2022	157	96	7	103	103	0	103	7153.73	112
	Aug 2022	79	107	4	111	111	0	111	7153.73	112
	Sep 2022	48	104	3	106	106	0	106	7153.73	112
	WY 2022	1260	1008	100	1108	990	117	1107		
	Oct 2022	45	86	2	89	89	0	89	7153.73	112
	Nov 2022	35	53	2	55	55	0	55	7153.73	112
	Dec 2022	28	104	2	106	106	0	106	7153.73	112
	Jan 2023	27	49	2	51	51	0	51	7153.73	112
	Feb 2023	25	30	2	32	32	0	32	7153.73	112
	Mar 2023	41	35	4	38	38	0	38	7153.73	112

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2021 24-Month Study

Maximum Probable Inflow*

Crystal Reservoir



— BUREAU OF —
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)
*	Apr 2020	59	76	5	81	81	0	81	6754.37	17	55	26
H	May 2020	174	109	12	121	99	14	121	6754.46	17	65	54
I	Jun 2020	148	85	6	91	92	0	93	6747.34	15	62	32
S	Jul 2020	48	93	2	95	94	0	94	6750.20	16	65	32
T	Aug 2020	27	97	1	97	97	0	97	6750.09	16	64	35
O	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
R	Oct 2020	23	66	2	68	49	19	67	6751.39	16	42	25
I	Nov 2020	29	23	2	25	25	0	25	6751.22	16	0	24
C	Dec 2020	27	23	2	26	25	0	26	6751.57	17	1	24
A	Jan 2021	25	23	2	25	25	0	25	6748.38	16	0	24
L	Feb 2021	24	21	2	23	23	0	23	6748.83	16	0	22
*	Mar 2021	32	35	2	37	37	0	37	6748.74	16	11	25
	Apr 2021	99	47	12	59	58	0	58	6753.04	17	42	16
	May 2021	244	199	27	226	134	92	226	6753.04	17	62	164
	Jun 2021	308	76	32	108	108	0	108	6753.03	17	61	47
	Jul 2021	109	83	9	92	92	0	92	6753.04	17	65	27
	Aug 2021	71	85	7	92	92	0	92	6753.04	17	65	27
	Sep 2021	49	80	6	86	86	0	86	6753.04	17	55	31
	WY 2021	1039	762	106	868	755	112	866			405	457
	Oct 2021	53	75	7	82	82	0	82	6753.04	17	30	52
	Nov 2021	41	20	5	25	25	0	25	6753.04	17	0	25
	Dec 2021	35	23	5	28	28	0	28	6753.04	17	0	28
	Jan 2022	33	23	5	28	28	0	28	6753.04	17	0	28
	Feb 2022	30	21	4	25	25	0	25	6753.04	17	0	25
	Mar 2022	51	26	7	32	32	0	32	6753.04	17	5	27
	Apr 2022	119	52	14	66	66	0	66	6753.04	17	42	24
	May 2022	332	423	40	463	134	328	463	6753.04	17	62	401
	Jun 2022	417	125	47	171	130	41	171	6753.03	17	61	110
	Jul 2022	174	103	17	120	120	0	120	6753.04	17	65	55
	Aug 2022	88	111	9	120	120	0	120	6753.04	17	65	55
	Sep 2022	55	106	7	113	113	0	113	6753.04	17	55	58
	WY 2022	1426	1107	166	1272	903	370	1272			385	887
	Oct 2022	52	89	6	95	95	0	95	6753.04	17	55	40
	Nov 2022	39	55	5	60	60	0	60	6753.04	17	0	60
	Dec 2022	33	106	5	111	111	0	111	6753.04	17	0	111
	Jan 2023	31	51	4	55	55	0	55	6753.04	17	0	55
	Feb 2023	29	32	4	36	36	0	36	6753.04	17	0	36
	Mar 2023	47	38	6	45	45	0	45	6753.04	17	5	40

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

Model Run ID: 3141

Processed On: 4/14/2021 12:10:52PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 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)
*	Apr 2020	16	4	7653.32	95
H	May 2020	66	37	7664.35	124
I	Jun 2020	38	48	7660.61	114
S	Jul 2020	11	38	7649.57	86
T	Aug 2020	5	36	7635.21	54
O	Sep 2020	4	28	7620.77	30
	WY 2020	167	213		
R	Oct 2020	3	2	7620.99	30
I	Nov 2020	3	0	7623.08	33
C	Dec 2020	3	0	7624.62	36
A	Jan 2021	3	0	7626.24	38
L	Feb 2021	3	0	7627.63	41
*	Mar 2021	4	0	7629.73	44
	Apr 2021	13	0	7636.32	57
	May 2021	46	31	7643.41	72
	Jun 2021	63	43	7651.85	92
	Jul 2021	31	42	7647.21	81
	Aug 2021	22	38	7639.96	64
	Sep 2021	23	30	7636.55	57
	WY 2021	216	186		
	Oct 2021	18	17	7636.85	58
	Nov 2021	10	2	7640.42	65
	Dec 2021	7	2	7642.76	70
	Jan 2022	6	2	7644.50	74
	Feb 2022	5	2	7646.01	78
	Mar 2022	10	2	7649.49	86
	Apr 2022	27	2	7659.60	111
	May 2022	80	69	7663.29	121
	Jun 2022	88	81	7665.71	127
	Jul 2022	35	43	7662.36	119
	Aug 2022	22	38	7655.89	102
	Sep 2022	21	30	7652.38	93
	WY 2022	329	289		
	Oct 2022	18	17	7652.58	93
	Nov 2022	10	5	7654.53	98
	Dec 2022	7	5	7655.32	100
	Jan 2023	6	5	7655.65	101
	Feb 2023	5	4	7656.01	102
	Mar 2023	9	2	7658.83	109

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 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)
*	Apr 2020	80	11	60	2	25	29	6055.92	1297	37
H	May 2020	199	27	142	4	37	32	6061.48	1367	122
I	Jun 2020	65	8	64	4	41	31	6060.49	1354	96
S	Jul 2020	3	1	29	4	47	47	6054.99	1285	58
T	Aug 2020	-15	0	16	3	44	52	6048.01	1202	46
O	Sep 2020	-7	0	17	2	21	47	6043.32	1149	44
	WY 2020	431	48	429	27	230	411			671
R	Oct 2020	6	0	6	1	9	42	6039.09	1103	42
I	Nov 2020	17	0	14	1	0	22	6038.29	1094	37
C	Dec 2020	10	0	7	1	0	22	6036.88	1079	33
A	Jan 2021	12	0	10	1	0	24	6035.47	1065	33
L	Feb 2021	13	0	11	1	1	22	6034.25	1052	32
*	Mar 2021	25	1	20	1	4	25	6033.31	1042	32
	Apr 2021	105	11	82	2	21	26	6036.43	1075	53
	May 2021	190	24	151	3	35	28	6044.28	1160	113
	Jun 2021	205	26	159	4	51	27	6050.96	1237	150
	Jul 2021	65	5	71	4	56	28	6049.56	1220	103
	Aug 2021	40	2	54	3	47	28	6047.52	1197	71
	Sep 2021	56	4	59	3	26	27	6047.86	1201	66
	WY 2021	744	71	643	24	249	319			765
	Oct 2021	60	4	55	2	9	28	6049.28	1217	59
	Nov 2021	35	0	27	1	0	27	6049.23	1217	46
	Dec 2021	29	0	23	1	0	28	6048.82	1212	44
	Jan 2022	24	0	20	1	0	28	6048.08	1203	42
	Feb 2022	34	1	30	1	0	25	6048.44	1207	38
	Mar 2022	111	11	91	1	5	28	6053.19	1264	54
	Apr 2022	202	25	150	2	21	27	6061.27	1364	88
	May 2022	327	44	273	4	35	204	6063.59	1394	369
	Jun 2022	293	39	247	4	51	282	6056.47	1304	472
	Jul 2022	88	8	88	4	56	49	6054.79	1283	133
	Aug 2022	51	3	64	3	47	28	6053.67	1269	71
	Sep 2022	59	4	63	3	26	27	6054.33	1277	64
	WY 2022	1310	140	1131	26	250	778			1479
	Oct 2022	57	3	53	2	9	28	6055.51	1292	58
	Nov 2022	32	0	27	1	0	27	6055.45	1291	46
	Dec 2022	25	0	23	1	0	28	6055.02	1286	43
	Jan 2023	22	0	21	1	0	28	6054.38	1278	42
	Feb 2023	30	0	29	1	0	25	6054.60	1281	38
	Mar 2023	96	9	79	2	5	28	6058.22	1325	51

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

Model Run ID: 3141

Processed On: 4/14/2021 12:10:52PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 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)
*	Apr 2020	475	510	23	630	0	630	3599.32	4989	11685	652
H	May 2020	1541	1253	27	629	0	629	3605.05	5033	12239	651
I	Jun 2020	1453	1293	45	650	0	650	3610.62	5077	12793	663
S	Jul 2020	290	332	53	750	0	750	3606.25	5042	12357	774
T	Aug 2020	-20	200	51	833	0	833	3599.72	4992	11723	865
O	Sep 2020	47	267	46	602	0	602	3595.98	4963	11371	628
	WY 2020	5848	6543	372	8230	0	8230				8425
R	Oct 2020	92	246	31	640	0	640	3591.72	4932	10977	667
I	Nov 2020	261	279	29	640	0	640	3587.72	4903	10615	650
C	Dec 2020	168	217	23	719	0	719	3582.21	4864	10130	716
A	Jan 2021	198	239	7	763	0	763	3576.45	4825	9638	757
L	Feb 2021	201	235	7	675	0	675	3571.46	4792	9226	674
*	Mar 2021	297	299	11	700	0	700	3566.71	4761	8844	710
	Apr 2021	768	614	18	628	0	628	3566.34	4759	8814	646
	May 2021	1797	1530	22	628	0	628	3576.34	4824	9629	642
	Jun 2021	2107	1637	37	651	0	651	3586.52	4894	10508	660
	Jul 2021	729	631	45	765	0	765	3584.64	4881	10342	782
	Aug 2021	433	510	44	800	0	800	3581.08	4856	10032	817
	Sep 2021	437	523	40	622	0	622	3579.58	4846	9904	636
	WY 2021	7486	6959	313	8230	0	8230				8357
	Oct 2021	612	623	28	643	0	643	3579.06	4842	9859	657
	Nov 2021	515	536	27	642	0	642	3577.61	4833	9736	656
	Dec 2021	398	504	21	715	0	715	3575.05	4815	9521	726
	Jan 2022	391	498	6	857	0	857	3570.94	4788	9183	876
	Feb 2022	426	502	7	723	0	723	3568.33	4771	8973	745
	Mar 2022	733	659	11	801	0	801	3566.55	4760	8831	829
	Apr 2022	1243	1018	18	713	0	713	3569.86	4781	9096	729
	May 2022	2909	2799	23	745	0	745	3591.71	4932	10976	754
	Jun 2022	3590	3208	43	745	0	745	3614.78	5111	13217	750
	Jul 2022	1593	1342	56	842	0	842	3618.72	5144	13628	858
	Aug 2022	646	694	56	900	0	900	3616.40	5124	13385	917
	Sep 2022	500	597	52	674	0	674	3615.25	5115	13266	689
	WY 2022	13556	12979	349	9000	0	9000				9184
	Oct 2022	595	653	36	643	0	643	3615.02	5113	13242	655
	Nov 2022	486	561	34	642	0	642	3613.98	5105	13135	645
	Dec 2022	364	568	27	715	0	715	3612.41	5092	12974	718
	Jan 2023	355	502	8	857	0	857	3609.08	5065	12638	866
	Feb 2023	399	500	9	758	0	758	3606.60	5045	12391	769
	Mar 2023	653	619	15	801	0	801	3604.74	5030	12208	817

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

Model Run ID: 3141

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 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)
*	Apr 2020	630	83	41	862	14.5	18	853	742	1096.39	11415
H	May 2020	629	33	46	1057	17.2	31	1059	713	1091.32	10971
I	Jun 2020	650	19	55	973	16.4	31	978	689	1087.07	10605
S	Jul 2020	750	35	68	902	14.7	36	906	676	1084.63	10398
T	Aug 2020	833	69	72	847	13.8	36	850	673	1084.04	10349
O	Sep 2020	602	56	59	646	10.9	28	651	668	1083.21	10279
	WY 2020	8230	863	553	8263		255	8267			
R	Oct 2020	640	35	43	730	11.9	21	734	661	1081.88	10167
I	Nov 2020	640	56	42	714	12.0	11	718	656	1081.07	10100
C	Dec 2020	719	59	37	497	8.1	8	500	671	1083.72	10322
A	Jan 2021	763	72	30	593	9.6	11	616	683	1085.95	10510
L	Feb 2021	675	56	28	574	10.3	9	573	690	1087.26	10622
*	Mar 2021	700	34	31	945	15.4	16	936	675	1084.39	10378
	Apr 2021	628	89	38	1023	17.2	15	1023	653	1080.35	10040
	May 2021	628	70	44	1018	16.6	19	1018	629	1075.97	9680
	Jun 2021	651	43	52	950	16.0	29	950	609	1072.06	9364
	Jul 2021	765	82	64	855	13.9	34	855	602	1070.82	9264
	Aug 2021	800	84	68	802	13.0	35	802	601	1070.57	9245
	Sep 2021	622	71	56	701	11.8	31	701	595	1069.45	9156
	WY 2021	8230	750	533	9402		241	9426			
	Oct 2021	643	68	40	591	9.6	25	591	598	1070.10	9207
	Nov 2021	642	67	41	610	10.3	13	610	601	1070.62	9249
	Dec 2021	715	55	35	498	8.1	8	498	615	1073.31	9465
	Jan 2022	857	92	29	508	8.3	11	508	640	1077.93	9840
	Feb 2022	723	109	27	549	9.9	9	549	655	1080.73	10072
	Mar 2022	801	135	31	889	14.5	15	889	655	1080.74	10073
	Apr 2022	713	79	38	974	16.4	17	974	640	1078.06	9851
	May 2022	745	43	43	935	15.2	21	935	627	1075.63	9653
	Jun 2022	745	23	52	893	15.0	29	893	615	1073.25	9460
	Jul 2022	842	77	65	783	12.7	33	783	617	1073.69	9495
	Aug 2022	900	82	69	751	12.2	34	751	625	1075.17	9614
	Sep 2022	674	73	57	651	10.9	31	651	625	1075.27	9623
	WY 2022	9000	902	527	8633		245	8633			
	Oct 2022	643	58	42	480	7.8	26	480	635	1077.04	9768
	Nov 2022	642	71	42	598	10.0	15	598	638	1077.71	9822
	Dec 2022	715	67	36	488	7.9	10	488	654	1080.52	10054
	Jan 2023	857	95	30	531	8.6	14	531	677	1084.75	10409
	Feb 2023	758	97	28	580	10.4	11	580	691	1087.36	10630
	Mar 2023	801	111	31	927	15.1	19	927	687	1086.63	10568

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

Model Run ID: 3141

Processed On: 4/14/2021 12:10:52PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 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)
*	Apr 2020	862	4	17	861	0	861	14.5	642.91	1696
H	May 2020	1057	-2	22	1025	0	1025	16.7	643.17	1703
I	Jun 2020	973	-10	25	932	0	933	15.7	643.34	1708
S	Jul 2020	902	-4	25	884	0	884	14.4	642.91	1696
T	Aug 2020	847	-10	23	822	0	822	13.4	642.61	1688
O	Sep 2020	646	1	18	791	0	791	13.3	636.50	1525
	WY 2020	8263	-50	198	8063	0	8063			
R	Oct 2020	730	-12	15	725	0	725	11.8	635.65	1503
I	Nov 2020	714	-34	11	560	0	560	9.4	639.83	1613
C	Dec 2020	497	-6	9	509	0	509	8.3	638.82	1586
A	Jan 2021	593	-3	10	475	0	474	7.7	642.71	1691
L	Feb 2021	574	-17	10	550	0	550	9.9	642.63	1688
*	Mar 2021	945	-10	13	920	0	920	15.0	642.69	1690
	Apr 2021	1023	-8	17	990	0	990	16.6	643.00	1699
	May 2021	1018	-8	22	987	0	987	16.1	643.00	1699
	Jun 2021	950	-13	25	912	0	912	15.3	643.00	1699
	Jul 2021	855	-10	25	847	0	847	13.8	642.00	1671
	Aug 2021	802	-11	23	768	0	768	12.5	642.00	1671
	Sep 2021	701	-11	18	752	0	752	12.6	639.01	1591
	WY 2021	9402	-143	198	8995	0	8995			
	Oct 2021	591	-11	15	721	0	721	11.7	633.00	1434
	Nov 2021	610	-23	10	526	0	526	8.8	635.00	1486
	Dec 2021	498	-11	9	360	0	360	5.9	639.51	1604
	Jan 2022	508	-17	10	420	0	420	6.8	641.80	1666
	Feb 2022	549	-9	10	530	0	530	9.6	641.80	1666
	Mar 2022	889	-7	13	835	0	835	13.6	643.05	1700
	Apr 2022	974	-8	17	951	0	951	16.0	643.00	1699
	May 2022	935	-8	22	904	0	904	14.7	643.00	1699
	Jun 2022	893	-13	25	854	0	854	14.4	643.00	1699
	Jul 2022	783	-10	25	775	0	775	12.6	642.00	1671
	Aug 2022	751	-11	23	718	0	718	11.7	642.00	1671
	Sep 2022	651	-11	18	675	0	675	11.3	640.01	1617
	WY 2022	8633	-138	197	8270	0	8270			
	Oct 2022	480	-11	15	637	0	637	10.4	633.00	1434
	Nov 2022	598	-23	10	514	0	514	8.6	635.00	1486
	Dec 2022	488	-11	9	350	0	350	5.7	639.51	1604
	Jan 2023	531	-17	10	442	0	442	7.2	641.80	1666
	Feb 2023	580	-9	10	561	0	561	10.1	641.80	1666
	Mar 2023	927	-7	13	873	0	873	14.2	643.05	1700

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

Model Run ID: 3141

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 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)
*	Apr 2020	861	29	11	642	10.8	55	148	447.41	569	171	2.9
H	May 2020	1025	-6	13	752	12.2	61	180	447.51	571	132	2.1
I	Jun 2020	933	-5	15	700	11.8	94	103	447.85	577	142	2.4
S	Jul 2020	884	3	17	700	11.4	95	69	447.58	572	156	2.5
T	Aug 2020	822	2	17	649	10.6	79	61	448.03	581	131	2.1
O	Sep 2020	791	4	15	542	9.1	92	164	446.61	554	116	2.0
	WY 2020	8063	98	139	6041		631	1319			1584	
R	Oct 2020	725	21	12	448	7.3	94	164	447.77	576	71	1.1
I	Nov 2020	560	20	9	357	6.0	92	123	447.50	571	96	1.5
C	Dec 2020	509	9	7	286	4.7	95	145	446.46	551	95	1.5
A	Jan 2021	474	13	6	256	4.2	70	124	447.88	578	152	2.0
L	Feb 2021	550	-1	8	430	7.7	0	111	447.56	572	131	2.2
*	Mar 2021	920	2	9	663	10.8	99	149	447.28	566	179	2.9
	Apr 2021	990	11	11	706	11.9	98	169	447.70	574	155	2.6
	May 2021	987	9	13	688	11.2	103	166	448.50	590	117	1.9
	Jun 2021	912	6	16	693	11.7	98	94	448.70	593	123	2.1
	Jul 2021	847	15	17	684	11.1	101	61	448.00	580	129	2.1
	Aug 2021	768	15	17	605	9.8	101	58	447.50	571	99	1.6
	Sep 2021	752	14	15	515	8.7	98	128	447.50	570	96	1.6
	WY 2021	8995	134	139	6333		1049	1493			1442	
	Oct 2021	721	21	12	483	7.9	101	141	447.50	571	85	1.4
	Nov 2021	526	18	9	366	6.1	77	87	447.50	571	113	1.9
	Dec 2021	360	20	7	242	3.9	81	65	446.50	552	94	1.5
	Jan 2022	420	17	6	302	4.9	77	47	446.50	552	138	2.2
	Feb 2022	530	7	8	398	7.2	4	121	446.50	552	124	2.2
	Mar 2022	835	7	9	619	10.1	73	129	446.70	555	147	2.4
	Apr 2022	951	11	11	707	11.9	70	125	448.70	593	147	2.5
	May 2022	904	9	13	692	11.3	62	135	448.70	593	110	1.8
	Jun 2022	854	6	16	697	11.7	59	75	448.70	593	116	2.0
	Jul 2022	775	15	17	671	10.9	62	41	448.00	580	123	2.0
	Aug 2022	718	15	17	611	9.9	62	41	447.50	571	101	1.6
	Sep 2022	675	14	15	517	8.7	44	103	447.50	570	99	1.7
	WY 2022	8270	161	139	6306		773	1108			1398	
	Oct 2022	637	21	12	485	7.9	30	125	447.50	571	89	1.4
	Nov 2022	514	18	9	367	6.2	28	122	447.50	571	115	1.9
	Dec 2022	350	20	7	259	4.2	30	89	446.50	552	110	1.8
	Jan 2023	442	17	6	314	5.1	84	50	446.50	552	142	2.3
	Feb 2023	561	7	8	406	7.3	12	137	446.50	552	127	2.3
	Mar 2023	873	7	9	628	10.2	84	147	446.70	555	151	2.5

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

Model Run ID: 3141

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 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
*	Apr 2020	862	14.5	1096.39	11415	-194	447.37	1138.0	351.1	69	407.4
H	May 2020	1057	17.2	1091.32	10971	-444	443.68	1385.0	424.4	85	401.5
I	Jun 2020	973	16.4	1087.07	10605	-366	438.87	1511.0	383.4	94	393.9
S	Jul 2020	902	14.7	1084.63	10398	-207	437.22	1502.1	351.6	94	389.9
T	Aug 2020	847	13.8	1084.04	10349	-50	438.65	1502.1	328.8	94	388.2
O	Sep 2020	646	10.9	1083.21	10279	-70	441.07	1264.0	250.3	81	387.6
WY 2020		8263							3256.3		
R	Oct 2020	730	11.9	1081.88	10167	-111	439.76	1154.0	284.7	74	390.2
I	Nov 2020	714	12.0	1081.07	10100	-68	437.77	1303.0	275.5	85	385.6
C	Dec 2020	497	8.0	1083.72	10322	222	442.26	1266.0	191.3	81	384.9
A	Jan 2021	593	9.6	1085.95	10510	189	440.07	1191.0	233.1	74	393.3
L	Feb 2021	574	10.3	1087.26	10622	112	440.33	1080.0	225.4	67	392.4
*	Mar 2021	945	15.4	1084.39	10378	-244	437.56	1109.0	376.2	70	398.0
	Apr 2021	1023	17.2	1080.35	10040	-338	432.18	1086.9	406.7	70	397.4
	May 2021	1018	16.6	1075.97	9680	-360	426.01	1332.0	390.1	88	383.3
	Jun 2021	950	16.0	1072.06	9364	-317	420.59	1468.0	361.6	100	380.5
	Jul 2021	855	13.9	1070.82	9264	-99	418.36	1468.0	325.0	100	380.3
	Aug 2021	802	13.0	1070.57	9245	-20	417.96	1468.0	302.6	100	377.5
	Sep 2021	701	11.8	1069.45	9156	-89	418.25	1451.0	261.9	100	373.4
WY 2021		9402							3634.1		
	Oct 2021	591	9.6	1070.10	9207	51	421.23	1308.0	220.7	91	373.6
	Nov 2021	610	10.3	1070.62	9249	42	427.97	743.0	238.5	52	390.7
	Dec 2021	498	8.1	1073.31	9465	215	426.04	932.0	191.6	65	384.6
	Jan 2022	508	8.3	1077.93	9840	376	428.18	853.1	197.4	58	388.4
	Feb 2022	549	9.9	1080.73	10072	232	430.34	961.0	212.5	65	386.7
	Mar 2022	889	14.5	1080.74	10073	1	429.23	1247.9	350.4	85	394.0
	Apr 2022	974	16.4	1078.06	9851	-222	427.81	1178.0	375.8	82	385.9
	May 2022	935	15.2	1075.63	9653	-198	425.40	1136.0	361.2	81	386.4
	Jun 2022	893	15.0	1073.25	9460	-193	421.02	1451.0	337.4	100	378.0
	Jul 2022	783	12.7	1073.69	9495	36	420.38	1434.0	296.5	100	378.7
	Aug 2022	751	12.2	1075.17	9614	119	421.66	1434.0	284.1	100	378.0
	Sep 2022	651	10.9	1075.27	9623	8	423.08	1539.8	243.4	100	374.1
WY 2022		8633							3309.6		
	Oct 2022	480	7.8	1077.04	9768	145	427.23	1413.6	182.8	91	381.1
	Nov 2022	598	10.0	1077.71	9822	55	431.39	1320.6	230.1	85	384.9
	Dec 2022	488	7.9	1080.52	10054	232	431.42	1271.3	188.5	81	386.0
	Jan 2023	531	8.6	1084.75	10409	355	433.46	1179.1	201.7	74	380.1
	Feb 2023	580	10.4	1087.36	10630	221	437.02	1052.6	229.2	65	395.0
	Mar 2023	927	15.1	1086.63	10568	-62	435.44	1363.5	365.4	85	394.0

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

Model Run ID: 3141

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 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
*	Apr 2020	861	14.5	642.91	1696	-11	137.62	253.3	109.7	99	127.4
H	May 2020	1025	16.7	643.17	1703	7	140.19	255.0	128.5	100	125.3
I	Jun 2020	932	15.7	643.34	1708	5	140.36	255.0	117.3	100	125.8
S	Jul 2020	884	14.4	642.91	1696	-12	139.88	255.0	112.0	100	126.7
T	Aug 2020	822	13.4	642.61	1688	-8	141.10	255.0	104.0	100	126.5
O	Sep 2020	791	13.3	636.50	1525	-163	133.32	255.0	98.1	100	123.9
WY 2020		8063							1015.1		
R	Oct 2020	725	11.8	635.65	1503	-22	134.17	215.5	91.1	85	125.5
I	Nov 2020	560	9.4	639.83	1613	110	140.14	168.3	67.8	66	121.2
C	Dec 2020	509	8.3	638.82	1586	-27	135.77	153.0	65.2	60	128.2
A	Jan 2021	475	7.7	642.71	1691	105	143.89	156.3	55.9	61	117.7
L	Feb 2021	550	9.9	642.63	1688	-2	141.55	156.5	71.1	61	129.2
*	Mar 2021	920	15.0	642.69	1690	2	138.82	161.2	117.8	63	128.0
	Apr 2021	990	16.6	643.00	1699	8	138.54	253.3	123.6	99	124.8
	May 2021	987	16.1	643.00	1699	0	138.89	255.0	123.5	100	125.1
	Jun 2021	912	15.3	643.00	1699	0	139.14	255.0	114.3	100	125.4
	Jul 2021	847	13.8	642.00	1671	-27	139.19	255.0	106.2	100	125.4
	Aug 2021	768	12.5	642.00	1671	0	139.16	255.0	96.3	100	125.4
	Sep 2021	752	12.6	639.01	1591	-81	137.60	255.0	93.3	100	124.0
WY 2021		8995							1126.0		
	Oct 2021	721	11.7	633.00	1434	-156	133.46	215.5	86.7	85	120.2
	Nov 2021	526	8.8	635.00	1486	51	132.63	170.0	62.9	67	119.5
	Dec 2021	360	5.9	639.51	1604	118	137.24	153.0	44.5	60	123.6
	Jan 2022	420	6.8	641.80	1666	62	140.18	161.2	53.0	63	126.3
	Feb 2022	530	9.6	641.80	1666	0	140.13	198.5	67.0	78	126.2
	Mar 2022	835	13.6	643.05	1700	34	139.18	204.0	104.7	80	125.4
	Apr 2022	951	16.0	643.00	1699	-2	138.94	204.0	119.0	80	125.2
	May 2022	904	14.7	643.00	1699	0	139.36	204.0	113.6	80	125.5
	Jun 2022	854	14.4	643.00	1699	0	139.48	255.0	107.3	100	125.7
	Jul 2022	775	12.6	642.00	1671	-27	139.62	255.0	97.5	100	125.8
	Aug 2022	718	11.7	642.00	1671	0	139.47	255.0	90.2	100	125.7
	Sep 2022	675	11.3	640.01	1617	-54	138.60	255.0	84.3	100	124.9
WY 2022		8270							1030.7		
	Oct 2022	637	10.4	633.00	1434	-183	134.50	227.0	77.2	89	121.2
	Nov 2022	514	8.6	635.00	1486	51	132.72	159.8	61.4	63	119.6
	Dec 2022	350	5.7	639.51	1604	118	137.31	154.7	43.3	61	123.7
	Jan 2023	442	7.2	641.80	1666	62	140.01	156.3	55.8	61	126.1
	Feb 2023	561	10.1	641.80	1666	0	139.91	156.6	70.7	61	126.0
	Mar 2023	873	14.2	643.05	1700	34	138.96	194.1	109.3	76	125.2

* 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

April 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
*	Apr 2020	642	10.8	447.41	569	25	81.56	120.0	44.4	100	69.2
H	May 2020	752	12.2	447.51	571	2	77.41	120.0	51.8	100	68.9
I	Jun 2020	700	11.8	447.85	577	6	79.56	120.0	48.8	100	69.7
S	Jul 2020	700	11.4	447.58	572	-5	81.49	120.0	48.6	100	69.3
T	Aug 2020	649	10.6	448.03	581	8	80.50	120.0	45.0	100	69.3
O	Sep 2020	542	9.1	446.61	554	-27	78.70	120.0	37.7	100	69.6
WY 2020		6041							416.0		
R	Oct 2020	448	7.3	447.77	576	22	81.85	90.0	32.2	75	71.8
I	Nov 2020	357	6.0	447.50	571	-5	81.16	90.0	23.9	75	66.9
C	Dec 2020	286	4.7	446.46	551	-19	80.52	118.1	19.7	98	68.9
A	Jan 2021	256	4.2	447.88	578	26	82.16	97.7	16.1	81	62.9
L	Feb 2021	430	7.7	447.56	572	-6	79.82	97.2	29.8	81	69.3
*	Mar 2021	663	10.8	447.28	566	-5	79.45	120.0	46.2	100	69.7
	Apr 2021	706	11.9	447.70	574	8	74.87	120.0	46.4	100	65.7
	May 2021	688	11.2	448.50	590	15	75.47	120.0	45.4	100	66.0
	Jun 2021	693	11.7	448.70	593	4	75.95	120.0	46.1	100	66.4
	Jul 2021	684	11.1	448.00	580	-13	75.71	120.0	45.2	100	66.2
	Aug 2021	605	9.8	447.50	571	-10	75.13	120.0	39.6	100	65.5
	Sep 2021	515	8.7	447.50	570	0	74.89	120.0	33.5	100	65.0
WY 2021		6333							424.1		
	Oct 2021	483	7.9	447.50	571	0	76.29	90.0	31.9	75	66.1
	Nov 2021	366	6.1	447.50	571	0	75.98	96.0	23.7	80	64.9
	Dec 2021	242	3.9	446.50	552	-19	74.40	120.0	15.0	100	61.8
	Jan 2022	302	4.9	446.50	552	0	75.07	94.8	19.1	79	63.4
	Feb 2022	398	7.2	446.50	552	0	75.10	94.3	25.8	79	64.9
	Mar 2022	619	10.1	446.70	555	4	74.01	120.0	40.0	100	64.7
	Apr 2022	707	11.9	448.70	593	38	75.25	116.0	46.7	97	66.0
	May 2022	692	11.3	448.70	593	0	76.05	120.0	46.0	100	66.4
	Jun 2022	697	11.7	448.70	593	0	76.05	120.0	46.4	100	66.5
	Jul 2022	671	10.9	448.00	580	-13	75.71	120.0	44.4	100	66.1
	Aug 2022	611	9.9	447.50	571	-10	75.13	120.0	40.0	100	65.5
	Sep 2022	517	8.7	447.50	570	0	74.89	120.0	33.6	100	65.0
WY 2022		6306							412.7		
	Oct 2022	485	7.9	447.50	571	0	76.14	92.9	32.0	77	65.9
	Nov 2022	367	6.2	447.50	571	0	76.19	92.0	23.9	77	65.1
	Dec 2022	259	4.2	446.50	552	-19	74.82	110.3	16.2	92	62.4
	Jan 2023	314	5.1	446.50	552	0	75.12	93.9	20.0	78	63.6
	Feb 2023	406	7.3	446.50	552	0	75.15	93.2	26.4	78	65.0
	Mar 2023	628	10.2	446.70	555	4	74.01	120.0	40.6	100	64.7

* 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

April 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
*	Apr 2020	276	44	21	25	16	5
H	May 2020	276	37	23	37	19	7
I	Jun 2020	290	58	24	28	18	8
S	Jul 2020	335	35	27	32	18	9
T	Aug 2020	367	43	28	32	19	7
O	Sep 2020	262	37	23	28	11	2
	Summer 2020	1806	254	146	182	102	37
R	Oct 2020	277	24	18	22	9	0
I	Nov 2020	275	20	5	7	3	1
C	Dec 2020	304	24	5	7	3	3
A	Jan 2021	319	24	5	6	3	3
L	Feb 2021	278	21	5	6	2	3
*	Mar 2021	285	20	8	11	6	3
	Winter 2021	1738	132	46	60	25	14
	Apr 2021	244	20	12	17	10	3
	May 2021	247	33	50	72	23	4
	Jun 2021	261	64	17	27	19	7
	Jul 2021	310	27	24	30	16	7
	Aug 2021	322	37	25	31	16	6
	Sep 2021	249	38	23	29	15	4
	Summer 2021	1632	219	152	205	99	31
	Oct 2021	257	24	22	27	14	2
	Nov 2021	256	35	5	7	4	5
	Dec 2021	284	52	6	8	5	5
	Jan 2022	337	52	6	8	5	5
	Feb 2022	283	47	5	8	4	4
	Mar 2022	311	40	6	9	6	4
	Winter 2022	1729	250	51	68	38	26
	Apr 2022	278	39	12	19	11	5
	May 2022	299	43	61	110	23	6
	Jun 2022	313	96	29	45	22	8
	Jul 2022	364	26	30	37	21	8
	Aug 2022	390	36	34	40	21	6
	Sep 2022	292	38	32	38	20	6
	Summer 2022	1935	277	198	289	118	38
	Oct 2022	277	34	26	32	16	6
	Nov 2022	276	38	16	20	10	5
	Dec 2022	306	53	31	38	19	5
	Jan 2023	365	53	14	19	10	5
	Feb 2023	322	48	9	12	6	4
	Mar 2023	338	39	10	14	8	4
	Winter 2023	1545	226	97	120	62	25

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

April 2021 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	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
**** PREDICTED SPACE ****								**** EFFECTIVE SPACE ****										
Apr 2021	802	431	659	15478	17369	17242	34611	483	267	354	1104	15478	17242	33824	1500	1023	0	26.2
May 2021	744	398	627	15508	17276	17580	34856	418	234	299	951	15508	17580	34039	1500	1018	0	26.9
Jun 2021	609	392	541	14693	16236	17940	34176	272	217	175	664	14693	17940	33297	1500	950	0	27.9
Jul 2021	457	216	464	13814	14951	18256	33208	103	17	43	163	13814	18256	32234	1500	855	0	27.7
								**** CREDITABLE SPACE ****										
Aug 2021	371	195	481	13980	15027	18356	33382	371	195	481	1047	13980	18356	33382	1500	802	0	27.2
Sep 2021	405	206	505	14290	15405	18375	33780	405	206	505	1115	14290	18375	33780	2270	701	0	26.8
Oct 2021	466	233	501	14418	15619	18464	34083	466	233	501	1200	14418	18464	34083	3040	591	0	26.7
Nov 2021	475	262	484	14463	15684	18413	34097	475	262	484	1221	14463	18413	34097	3810	610	0	26.6
Dec 2021	523	246	485	14586	15840	18371	34211	523	246	485	1254	14586	18371	34211	4580	498	0	26.6
Jan 2022	636	239	490	14801	16166	18155	34321	636	239	490	1365	14801	18155	34321	5350	508	0	26.6
								**** EFFECTIVE SPACE ****										
Jan 2022	636	239	490	14801	16166	18155	34321	469	239	257	965	14801	18155	33921	5350	508	0	26.6
Feb 2022	744	233	498	15139	16614	17780	34394	577	233	265	1075	15139	17780	33993	1500	549	0	26.5
Mar 2022	834	227	494	15349	16904	17548	34452	667	227	260	1153	15349	17548	34050	1500	889	0	26.5
Apr 2022	848	208	438	15491	16985	17547	34532	677	208	197	1081	15491	17547	34120	1500	974	0	26.8
May 2022	811	156	337	15226	16530	17769	34300	633	156	73	863	15226	17769	33858	1500	935	0	28.5
Jun 2022	626	306	307	13346	14585	17967	32552	437	300	4	741	13346	17967	32054	1500	893	0	30.9
Jul 2022	430	93	398	11105	12026	18160	30186	222	54	39	315	11105	18160	29580	1500	783	0	31.6
								**** CREDITABLE SPACE ****										
Aug 2022	232	44	418	10694	11389	18125	29513	232	44	418	695	10694	18125	29513	1500	751	0	31.4
Sep 2022	235	69	432	10937	11673	18006	29679	235	69	432	736	10937	18006	29679	2270	651	0	31.1
Oct 2022	288	119	424	11056	11887	17997	29885	288	119	424	831	11056	17997	29885	3040	480	0	31.0
Nov 2022	328	161	410	11080	11978	17852	29831	328	161	410	898	11080	17852	29831	3810	598	0	30.9
Dec 2022	391	182	410	11187	12170	17798	29967	391	182	410	983	11187	17798	29967	4580	488	0	30.8
Jan 2023	514	259	416	11348	12537	17566	30103	514	259	416	1189	11348	17566	30103	5350	531	0	30.8
								**** EFFECTIVE SPACE ****										
Jan 2023	514	259	416	11348	12537	17566	30103	218	159	209	586	11348	17566	29500	5350	531	0	30.8
Feb 2023	630	283	423	11684	13021	17211	30232	335	183	216	734	11684	17211	29629	1500	580	0	30.7
Mar 2023	729	290	421	11931	13370	16990	30360	433	191	212	836	11931	16990	29757	1500	927	0	30.5

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