

To: All Annual Operating Plan Recipients

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In addition to the June 2021 24-Month Study based on the Most Probable inflow scenario, and in accordance with the Upper Basin Drought Response Operations Agreement (DROA), Reclamation has conducted model runs in June to determine a possible range of reservoir elevations under Probable Minimum and Probable Maximum inflow scenarios. Normally, outside of the DROA, Probable Minimum and Probable Maximum model runs are only 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 the following links:

Lake Powell: <https://www.usbr.gov/uc/water/crsp/studies/images/PowellElevations.png>.

Lake Mead: <https://www.usbr.gov/lc/region/g4000/24mo/2021/June-Chart.pdf>.

The water year 2021 unregulated inflow into Lake Powell in the June Probable Maximum inflow scenario is 4.46 maf, or 41 percent of average. Consistent with the Interim Guidelines, the June Probable Maximum 24-Month Study results in a projected release volume 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 3,550.33 feet on December 31, 2021. With intervening flows between Lake Powell and Lake Mead of 0.695 maf in calendar year 2021, Lake Mead's elevation is projected to be 1,066.17 feet on December 31, 2021.

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_06_UCB.pdf.

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

June 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)
*	Jun 2020	288	2	107	73	180	6501.43	309
H	Jul 2020	145	3	99	23	121	6504.12	330
I	Aug 2020	41	2	74	0	74	6499.62	295
S	Sep 2020	25	2	26	35	61	6494.55	258
	WY 2020	996	15	856	137	993		
T	Oct 2020	32	1	0	55	55	6490.95	225
O	Nov 2020	33	1	17	35	52	6487.89	205
R	Dec 2020	27	1	50	1	51	6483.85	180
I	Jan 2021	25	1	48	2	51	6479.03	153
C	Feb 2021	24	0	46	0	46	6474.49	132
A	Mar 2021	40	0	51	0	51	6472.03	121
L	Apr 2021	54	1	49	0	49	6473.03	125
*	May 2021	76	1	49	0	49	6478.67	152
	Jun 2021	220	2	80	0	80	6499.92	298
	Jul 2021	130	3	95	0	95	6504.04	329
	Aug 2021	66	2	74	0	74	6502.75	319
	Sep 2021	47	2	46	25	71	6499.31	293
	WY 2021	774	15	605	119	724		
	Oct 2021	55	1	30	43	74	6496.57	273
	Nov 2021	46	1	68	0	68	6493.24	249
	Dec 2021	34	1	71	0	71	6487.68	212
	Jan 2022	32	1	71	0	71	6481.21	173
	Feb 2022	30	1	64	0	64	6474.41	138
	Mar 2022	56	0	74	0	74	6470.43	120
	Apr 2022	99	1	85	0	85	6473.38	133
	May 2022	207	1	101	0	101	6491.55	238
	Jun 2022	376	2	104	209	313	6500.00	298
	Jul 2022	238	3	101	100	202	6504.40	332
	Aug 2022	94	2	81	0	81	6505.65	342
	Sep 2022	53	2	71	0	71	6503.12	322
	WY 2022	1320	16	923	353	1275		
	Oct 2022	55	1	74	0	74	6500.56	302
	Nov 2022	46	1	74	0	74	6496.69	274
	Dec 2022	33	1	77	0	77	6490.27	229
	Jan 2023	31	1	77	0	77	6482.91	183
	Feb 2023	29	1	69	0	69	6475.05	141
	Mar 2023	53	0	76	0	76	6469.93	118
	Apr 2023	82	1	77	0	77	6471.06	123
	May 2023	169	1	93	0	93	6485.31	197

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

June 2021 24-Month Study

Maximum Probable Inflow*

Flaming Gorge Reservoir



— BUREAU OF —
RECLAMATION

		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)
Date											
*	Jun 2020	342	236	10	157	31	188	131	6027.76	3263	530
H	Jul 2020	163	134	13	90	0	90	133	6028.55	3293	131
I	Aug 2020	38	67	12	112	0	112	130	6027.10	3238	124
S	Sep 2020	28	64	11	98	0	98	129	6025.93	3195	112
	WY 2020	1255	1251	80	1333	62	1395				2825
T	Oct 2020	25	50	7	64	0	64	128	6025.38	3174	85
O	Nov 2020	37	55	4	54	0	54	128	6025.33	3172	82
R	Dec 2020	24	48	2	62	0	62	127	6024.91	3157	88
I	Jan 2021	31	57	2	62	0	62	127	6024.75	3151	88
C	Feb 2021	31	52	2	56	0	56	127	6024.59	3145	79
A	Mar 2021	68	79	3	52	0	52	127	6025.21	3168	96
L	Apr 2021	72	67	5	51	0	51	128	6025.49	3178	112
*	May 2021	96	72	8	95	0	95	127	6024.69	3149	296
	Jun 2021	255	114	10	81	0	81	128	6025.29	3171	336
	Jul 2021	130	96	13	68	0	68	128	6025.67	3185	113
	Aug 2021	71	79	12	97	0	97	127	6024.87	3155	116
	Sep 2021	54	78	11	99	0	99	126	6024.05	3125	111
	WY 2021	893	848	79	841	0	841				1603
	Oct 2021	67	86	7	65	0	65	126	6024.43	3139	98
	Nov 2021	55	78	3	54	0	54	127	6024.97	3159	84
	Dec 2021	37	74	2	77	0	77	127	6024.83	3154	101
	Jan 2022	43	81	2	77	0	77	127	6024.88	3156	100
	Feb 2022	46	80	2	70	0	70	127	6025.09	3164	92
	Mar 2022	103	120	3	89	0	89	128	6025.81	3190	162
	Apr 2022	150	136	5	87	0	87	130	6026.96	3233	298
	May 2022	302	196	8	127	0	127	132	6028.50	3292	656
	Jun 2022	487	424	11	283	23	306	137	6031.16	3394	775
	Jul 2022	279	242	14	77	0	77	142	6034.83	3539	198
	Aug 2022	108	96	13	102	0	102	142	6034.36	3520	131
	Sep 2022	65	83	12	107	0	107	140	6033.49	3486	125
	WY 2022	1740	1695	81	1216	23	1239				2819
	Oct 2022	69	87	8	99	0	99	139	6033.02	3467	135
	Nov 2022	58	85	4	112	0	112	138	6032.28	3438	147
	Dec 2022	33	77	2	157	0	157	135	6030.27	3360	184
	Jan 2023	40	86	2	157	0	157	132	6028.45	3290	184
	Feb 2023	44	85	2	142	0	142	130	6026.95	3233	166
	Mar 2023	95	117	3	116	0	116	130	6026.90	3231	195
	Apr 2023	125	120	5	112	0	112	130	6026.97	3233	320
	May 2023	246	171	8	89	0	89	133	6028.83	3304	604

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

Model Run ID: 3148

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

June 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)
*	Jun 2020	22	16	9322.93	92
H	Jul 2020	8	17	9317.91	83
I	Aug 2020	4	14	9311.83	73
S	Sep 2020	5	9	9309.62	69
	WY 2020	101	113		
T	Oct 2020	4	5	9308.95	68
O	Nov 2020	4	5	9308.44	67
R	Dec 2020	4	5	9307.73	66
I	Jan 2021	4	5	9306.89	65
C	Feb 2021	3	5	9305.99	64
A	Mar 2021	4	5	9304.90	62
L	Apr 2021	7	5	9305.94	64
*	May 2021	16	10	9310.13	70
	Jun 2021	33	15	9320.52	88
	Jul 2021	12	18	9317.29	82
	Aug 2021	8	15	9313.20	75
	Sep 2021	7	12	9310.13	70
	WY 2021	106	105		
	Oct 2021	7	6	9310.71	71
	Nov 2021	5	4	9311.18	72
	Dec 2021	5	5	9311.26	72
	Jan 2022	4	5	9311.07	72
	Feb 2022	4	4	9310.82	71
	Mar 2022	4	5	9310.74	71
	Apr 2022	9	10	9310.24	70
	May 2022	29	14	9319.28	86
	Jun 2022	49	20	9333.93	114
	Jul 2022	22	24	9333.24	113
	Aug 2022	11	19	9329.18	105
	Sep 2022	8	18	9324.17	95
	WY 2022	157	132		
	Oct 2022	7	12	9321.86	90
	Nov 2022	6	5	9322.12	91
	Dec 2022	5	5	9321.85	90
	Jan 2023	4	5	9321.37	89
	Feb 2023	4	5	9320.88	89
	Mar 2023	5	5	9320.50	88
	Apr 2023	9	9	9320.50	88
	May 2023	27	15	9326.77	100

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

June 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)
*	Jun 2020	139	131	1	83	3	85	7491.64	594
H	Jul 2020	46	55	1	92	1	92	7486.61	555
I	Aug 2020	26	36	1	95	0	95	7478.53	495
S	Sep 2020	23	26	1	80	2	82	7470.42	439
	WY 2020	607	619	8	806	26	908		
T	Oct 2020	20	22	0	66	0	66	7463.47	389
O	Nov 2020	25	25	0	18	0	18	7464.59	396
R	Dec 2020	21	22	0	21	0	21	7464.73	397
I	Jan 2021	22	23	0	19	0	19	7465.24	400
C	Feb 2021	20	22	0	21	0	21	7465.37	401
A	Mar 2021	29	30	0	32	0	32	7465.07	399
L	Apr 2021	47	46	1	79	0	79	7459.68	365
*	May 2021	90	83	1	96	2	98	7457.14	350
	Jun 2021	167	149	1	65	0	65	7470.23	433
	Jul 2021	63	69	1	94	0	94	7466.23	406
	Aug 2021	43	50	1	78	0	78	7461.66	377
	Sep 2021	31	36	1	73	0	73	7455.30	339
	WY 2021	577	577	7	663	2	665		
	Oct 2021	35	34	0	69	0	69	7448.94	304
	Nov 2021	26	26	0	14	0	14	7451.06	315
	Dec 2021	22	22	0	15	0	15	7452.24	322
	Jan 2022	20	21	0	15	0	15	7453.20	327
	Feb 2022	19	19	0	13	0	13	7454.16	333
	Mar 2022	32	32	0	16	0	16	7456.74	348
	Apr 2022	74	75	1	36	0	36	7463.02	386
	May 2022	209	193	1	148	0	148	7469.80	430
	Jun 2022	274	245	1	30	0	30	7498.31	644
	Jul 2022	119	121	1	78	0	78	7503.23	685
	Aug 2022	60	68	1	89	0	89	7500.55	663
	Sep 2022	36	46	1	80	0	80	7496.23	627
	WY 2022	925	900	8	605	0	605		
	Oct 2022	38	42	1	75	0	75	7492.08	594
	Nov 2022	31	30	0	19	0	19	7493.43	605
	Dec 2022	27	27	0	36	0	36	7492.24	595
	Jan 2023	25	26	0	37	0	37	7490.80	584
	Feb 2023	23	24	0	33	0	33	7489.59	574
	Mar 2023	37	38	0	38	0	38	7489.52	574
	Apr 2023	78	78	1	58	0	58	7491.93	593
	May 2023	199	187	1	180	0	180	7492.64	598

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

June 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)
*	Jun 2020	142	85	4	89	85	0	85	7152.13	111
H	Jul 2020	47	92	1	93	93	0	93	7152.06	111
I	Aug 2020	27	95	1	96	95	0	97	7151.26	110
S	Sep 2020	23	82	1	83	80	0	84	7149.87	109
	WY 2020	632	908	25	933	917	0	933		
T	Oct 2020	21	66	1	67	66	0	66	7151.06	110
O	Nov 2020	27	18	2	20	23	0	23	7147.26	107
R	Dec 2020	24	21	3	24	23	0	23	7148.38	108
I	Jan 2021	23	19	1	21	23	0	23	7145.78	106
C	Feb 2021	21	21	1	22	21	0	21	7146.38	106
A	Mar 2021	30	32	1	33	35	0	35	7143.99	104
L	Apr 2021	49	79	1	81	82	0	82	7141.50	103
*	May 2021	93	98	4	102	91	0	91	7155.08	113
	Jun 2021	191	65	24	89	90	0	90	7153.72	112
	Jul 2021	69	94	7	101	100	0	100	7153.73	112
	Aug 2021	47	78	4	82	82	0	82	7153.73	112
	Sep 2021	34	73	3	76	76	0	76	7153.73	112
	WY 2021	629	665	52	717	713	0	713		
	Oct 2021	38	69	3	72	72	0	72	7153.73	112
	Nov 2021	29	14	3	16	16	0	16	7153.73	112
	Dec 2021	24	15	2	17	17	0	17	7153.73	112
	Jan 2022	23	15	2	17	17	0	17	7153.73	112
	Feb 2022	21	13	3	16	16	0	16	7153.73	112
	Mar 2022	36	16	4	21	20	0	20	7153.73	112
	Apr 2022	86	36	12	48	48	0	48	7153.73	112
	May 2022	239	148	30	178	178	0	178	7153.73	112
	Jun 2022	303	30	29	59	59	0	59	7153.72	112
	Jul 2022	128	78	9	87	87	0	87	7153.73	112
	Aug 2022	64	89	4	94	94	0	94	7153.73	112
	Sep 2022	39	80	3	84	84	0	84	7153.73	112
	WY 2022	1030	605	105	710	709	0	709		
	Oct 2022	40	75	3	78	78	0	78	7153.73	112
	Nov 2022	33	19	2	22	22	0	22	7153.73	112
	Dec 2022	28	36	2	38	38	0	38	7153.73	112
	Jan 2023	27	37	2	39	39	0	39	7153.73	112
	Feb 2023	25	33	2	35	35	0	35	7153.73	112
	Mar 2023	41	38	4	42	42	0	42	7153.73	112
	Apr 2023	89	58	11	69	69	0	69	7153.73	112
	May 2023	220	180	21	201	201	0	201	7153.73	112

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

June 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)
*	Jun 2020	148	85	6	91	92	0	93	6747.34	15	62	32
H	Jul 2020	48	93	2	95	94	0	94	6750.20	16	65	32
I	Aug 2020	27	97	1	97	97	0	97	6750.09	16	64	35
S	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
T	Oct 2020	23	66	2	68	49	19	67	6751.39	16	42	25
O	Nov 2020	29	23	2	25	25	0	25	6751.22	16	0	24
R	Dec 2020	27	23	2	26	25	0	26	6751.57	17	1	24
I	Jan 2021	25	23	2	25	25	0	25	6748.38	16	0	24
C	Feb 2021	24	21	2	23	23	0	23	6748.83	16	0	22
A	Mar 2021	32	35	2	37	37	0	37	6748.74	16	11	25
L	Apr 2021	54	82	6	88	86	0	87	6752.67	17	51	36
*	May 2021	103	91	10	101	100	1	100	6753.35	17	64	37
	Jun 2021	203	90	12	102	102	0	102	6753.03	17	61	41
	Jul 2021	72	100	3	103	103	0	103	6753.04	17	65	38
	Aug 2021	51	82	4	86	86	0	86	6753.04	17	65	21
	Sep 2021	38	76	4	80	80	0	80	6753.04	17	55	25
	WY 2021	680	713	50	764	742	21	763			416	344
	Oct 2021	43	72	6	78	78	0	78	6753.04	17	30	48
	Nov 2021	33	16	4	21	21	0	21	6753.04	17	0	21
	Dec 2021	28	17	4	22	22	0	22	6753.04	17	0	22
	Jan 2022	27	17	4	22	22	0	22	6753.04	17	0	22
	Feb 2022	25	16	3	19	19	0	19	6753.04	17	0	19
	Mar 2022	42	20	6	26	26	0	26	6753.04	17	5	21
	Apr 2022	98	48	12	60	60	0	60	6753.04	17	42	18
	May 2022	272	178	33	212	134	77	212	6753.04	17	62	150
	Jun 2022	342	59	39	98	98	0	98	6753.03	17	61	37
	Jul 2022	143	87	14	102	101	0	101	6753.04	17	65	36
	Aug 2022	72	94	8	101	101	0	101	6753.04	17	65	36
	Sep 2022	45	84	6	89	89	0	89	6753.04	17	55	34
	WY 2022	1170	709	140	849	771	77	849			385	464
	Oct 2022	46	78	6	83	83	0	83	6753.04	17	55	28
	Nov 2022	38	22	5	27	27	0	27	6753.04	17	0	27
	Dec 2022	33	38	5	43	43	0	43	6753.04	17	0	43
	Jan 2023	31	39	4	43	43	0	43	6753.04	17	0	43
	Feb 2023	29	35	4	39	39	0	39	6753.04	17	0	39
	Mar 2023	47	42	6	48	48	0	48	6753.04	17	5	43
	Apr 2023	100	69	12	81	81	0	81	6753.04	17	42	39
	May 2023	247	201	27	228	134	94	228	6753.04	17	62	166

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

Model Run ID: 3148

Processed On: 6/11/2021 12:54:17PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

June 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)
*	Jun 2020	38	48	7660.61	114
H	Jul 2020	11	38	7649.57	86
I	Aug 2020	5	36	7635.21	54
S	Sep 2020	4	28	7620.77	30
	WY 2020	167	213		
T	Oct 2020	3	2	7620.99	30
O	Nov 2020	3	0	7623.08	33
R	Dec 2020	3	0	7624.62	36
I	Jan 2021	3	0	7626.24	38
C	Feb 2021	3	0	7627.63	41
A	Mar 2021	4	0	7629.73	44
L	Apr 2021	14	1	7636.28	57
*	May 2021	50	30	7645.56	77
	Jun 2021	46	38	7648.92	85
	Jul 2021	17	42	7637.44	59
	Aug 2021	15	38	7624.62	36
	Sep 2021	19	30	7616.77	25
	WY 2021	179	182		
	Oct 2021	17	17	7616.72	25
	Nov 2021	10	2	7622.05	32
	Dec 2021	7	2	7625.25	37
	Jan 2022	6	2	7627.51	41
	Feb 2022	5	2	7629.39	44
	Mar 2022	10	2	7633.66	52
	Apr 2022	26	2	7645.19	76
	May 2022	76	31	7663.15	121
	Jun 2022	84	79	7665.06	126
	Jul 2022	33	43	7661.24	116
	Aug 2022	21	38	7654.37	98
	Sep 2022	20	30	7650.44	88
	WY 2022	315	249		
	Oct 2022	18	17	7650.47	88
	Nov 2022	10	4	7652.74	94
	Dec 2022	7	4	7653.90	97
	Jan 2023	6	4	7654.60	98
	Feb 2023	5	3	7655.29	100
	Mar 2023	9	2	7658.13	107
	Apr 2023	23	4	7665.07	126
	May 2023	69	69	7665.03	126

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

June 2021 24-Month Study

Maximum Probable Inflow*

Navajo Reservoir



— BUREAU OF —
RECLAMATION

		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)
	Date									
*	Jun 2020	65	8	64	4	41	31	6060.49	1354	96
H	Jul 2020	3	1	29	4	47	47	6054.99	1285	58
I	Aug 2020	-15	0	16	3	44	52	6048.01	1202	46
S	Sep 2020	-7	0	17	2	21	47	6043.32	1149	44
	WY 2020	431	48	429	27	230	411			671
T	Oct 2020	6	0	6	1	9	42	6039.09	1103	42
O	Nov 2020	17	0	14	1	0	22	6038.29	1094	37
R	Dec 2020	10	0	7	1	0	22	6036.88	1079	33
I	Jan 2021	12	0	10	1	0	24	6035.47	1065	33
C	Feb 2021	13	0	11	1	1	22	6034.25	1052	32
A	Mar 2021	24	1	20	1	4	24	6033.31	1042	32
L	Apr 2021	81	13	56	2	20	32	6033.54	1045	31
*	May 2021	169	25	124	3	34	27	6039.27	1105	65
	Jun 2021	106	10	87	4	51	18	6040.59	1119	107
	Jul 2021	24	1	48	4	56	24	6037.31	1084	56
	Aug 2021	22	2	43	3	47	22	6034.55	1055	50
	Sep 2021	41	2	50	2	26	18	6034.97	1059	47
	WY 2021	526	54	477	23	248	296			565
	Oct 2021	55	3	51	1	9	18	6037.10	1082	45
	Nov 2021	32	0	25	1	0	18	6037.68	1088	34
	Dec 2021	26	0	21	1	0	19	6037.87	1090	32
	Jan 2022	22	0	18	1	0	28	6036.91	1080	39
	Feb 2022	31	0	28	1	0	25	6037.09	1082	36
	Mar 2022	101	10	83	1	5	28	6041.63	1130	50
	Apr 2022	185	23	137	2	21	27	6049.35	1218	78
	May 2022	300	40	214	3	35	28	6061.43	1366	166
	Jun 2022	268	36	227	4	51	27	6072.16	1511	187
	Jul 2022	80	7	83	5	56	31	6071.58	1503	102
	Aug 2022	46	2	61	4	47	44	6069.20	1470	80
	Sep 2022	54	4	59	3	26	132	6061.59	1368	164
	WY 2022	1200	125	1009	27	250	423			1013
	Oct 2022	56	3	53	2	9	28	6062.66	1382	55
	Nov 2022	34	0	28	1	0	27	6062.69	1382	45
	Dec 2022	25	0	22	1	0	28	6062.21	1376	43
	Jan 2023	22	0	20	1	0	28	6061.54	1368	42
	Feb 2023	30	0	28	1	0	25	6061.68	1369	38
	Mar 2023	96	9	79	2	5	28	6065.09	1414	51
	Apr 2023	152	18	116	3	21	27	6069.94	1480	77
	May 2023	266	35	231	4	35	195	6069.72	1477	335

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

Model Run ID: 3148

Processed On: 6/11/2021 12:54:17PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

June 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)
*	Jun 2020	1453	1293	45	650	0	650	3610.62	5077	12793	663
H	Jul 2020	290	332	53	750	0	750	3606.25	5042	12357	774
I	Aug 2020	-20	200	51	833	0	833	3599.72	4992	11723	865
S	Sep 2020	47	267	46	602	0	602	3595.98	4963	11371	628
	WY 2020	5848	6543	372	8230	0	8230				8425
T	Oct 2020	92	246	31	640	0	640	3591.72	4932	10977	667
O	Nov 2020	261	279	29	640	0	640	3587.72	4903	10615	650
R	Dec 2020	168	217	23	719	0	719	3582.21	4864	10130	716
I	Jan 2021	198	239	7	763	0	763	3576.45	4825	9638	757
C	Feb 2021	201	235	7	675	0	675	3571.46	4792	9226	670
A	Mar 2021	297	299	11	700	0	700	3566.71	4761	8844	698
L	Apr 2021	289	279	17	628	0	628	3562.37	4734	8504	635
*	May 2021	543	495	20	624	0	624	3560.57	4723	8366	650
	Jun 2021	1263	962	31	652	0	652	3563.92	4744	8625	661
	Jul 2021	437	462	37	766	0	766	3559.81	4718	8309	783
	Aug 2021	328	438	36	801	0	801	3554.87	4689	7939	818
	Sep 2021	381	472	33	623	0	623	3552.55	4675	7770	637
	WY 2021	4458	4623	282	8230	0	8230				8342
	Oct 2021	587	595	23	480	0	480	3553.73	4682	7855	494
	Nov 2021	494	466	22	500	0	500	3553.02	4678	7804	514
	Dec 2021	381	408	18	600	0	600	3550.33	4662	7609	611
	Jan 2022	375	410	5	723	0	723	3546.18	4639	7315	742
	Feb 2022	409	422	5	639	0	639	3543.21	4622	7109	661
	Mar 2022	703	616	9	675	0	675	3542.29	4617	7046	703
	Apr 2022	1192	977	14	601	0	601	3547.12	4644	7381	617
	May 2022	2789	2357	19	599	0	599	3568.56	4773	8991	608
	Jun 2022	3443	2864	36	628	0	628	3592.27	4936	11028	633
	Jul 2022	1527	1297	48	709	0	709	3597.65	4976	11527	725
	Aug 2022	620	690	49	758	0	758	3596.49	4967	11419	775
	Sep 2022	480	674	45	568	0	568	3597.09	4972	11475	583
	WY 2022	13000	11776	294	7480	0	7480				7664
	Oct 2022	596	647	32	643	0	643	3596.82	4970	11449	655
	Nov 2022	508	544	30	642	0	642	3595.55	4960	11331	645
	Dec 2022	364	500	24	715	0	715	3593.16	4942	11109	718
	Jan 2023	355	490	7	857	0	857	3589.36	4915	10763	866
	Feb 2023	399	503	8	758	0	758	3586.65	4895	10520	769
	Mar 2023	653	621	13	801	0	801	3584.63	4881	10341	817
	Apr 2023	945	826	20	713	0	713	3585.60	4888	10426	731
	May 2023	2213	2036	25	710	0	710	3598.75	4984	11631	729

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

Model Run ID: 3148

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

June 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)
*	Jun 2020	650	19	55	973	16.4	31	978	689	1087.07	10605
H	Jul 2020	750	35	68	902	14.7	36	906	676	1084.63	10398
I	Aug 2020	833	69	72	847	13.8	36	850	673	1084.04	10349
S	Sep 2020	602	56	59	646	10.9	28	651	668	1083.21	10279
	WY 2020	8230	863	553	8263		255	8267			
T	Oct 2020	640	35	43	730	11.9	21	734	661	1081.88	10167
O	Nov 2020	640	56	42	714	12.0	11	718	656	1081.07	10100
R	Dec 2020	719	59	37	497	8.1	8	500	671	1083.72	10322
I	Jan 2021	763	72	30	593	9.6	11	616	683	1085.95	10510
C	Feb 2021	675	55	28	574	10.3	8	581	690	1087.26	10622
A	Mar 2021	700	33	31	945	15.4	15	935	675	1084.39	10378
L	Apr 2021	628	37	38	1057	17.8	23	1056	647	1079.30	9953
*	May 2021	624	28	43	1086	17.7	28	1077	616	1073.50	9480
	Jun 2021	652	43	51	1001	16.8	27	1001	593	1068.98	9119
	Jul 2021	766	82	63	879	14.3	32	879	585	1067.47	9000
	Aug 2021	801	84	67	782	12.7	34	782	585	1067.51	9003
	Sep 2021	623	71	55	708	11.9	29	708	579	1066.33	8910
	WY 2021	8230	655	529	9566		247	9586			
	Oct 2021	480	68	40	577	9.4	23	577	574	1065.22	8824
	Nov 2021	500	67	40	576	9.7	12	576	570	1064.49	8767
	Dec 2021	600	55	34	476	7.7	6	476	578	1066.17	8898
	Jan 2022	723	92	28	486	7.9	11	486	596	1069.62	9169
	Feb 2022	639	109	26	546	9.8	9	546	606	1071.59	9326
	Mar 2022	675	135	30	872	14.2	15	872	600	1070.33	9226
	Apr 2022	601	79	36	956	16.1	17	956	580	1066.41	8917
	May 2022	599	43	41	929	15.1	21	929	558	1062.18	8589
	Jun 2022	628	23	49	886	14.9	29	886	539	1058.32	8296
	Jul 2022	709	77	60	777	12.6	33	777	534	1057.26	8216
	Aug 2022	758	82	64	745	12.1	34	745	534	1057.21	8213
	Sep 2022	568	73	52	660	11.1	31	660	528	1055.93	8117
	WY 2022	7480	902	499	8487		241	8487			
	Oct 2022	643	58	38	506	8.2	26	506	536	1057.59	8241
	Nov 2022	642	71	38	622	10.5	15	622	538	1058.05	8276
	Dec 2022	715	67	33	514	8.4	10	514	552	1060.84	8487
	Jan 2023	857	95	28	522	8.5	13	522	575	1065.58	8852
	Feb 2023	758	97	26	556	10.0	11	556	591	1068.73	9099
	Mar 2023	801	111	29	901	14.7	18	901	589	1068.29	9064
	Apr 2023	713	81	36	986	16.6	21	986	574	1065.30	8830
	May 2023	710	50	41	964	15.7	25	964	557	1062.02	8577

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

Model Run ID: 3148

Processed On: 6/11/2021 12:54:17PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

June 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)
*	Jun 2020	973	-10	25	932	0	933	15.7	643.34	1708
H	Jul 2020	902	-4	25	884	0	884	14.4	642.91	1696
I	Aug 2020	847	-10	23	822	0	822	13.4	642.61	1688
S	Sep 2020	646	1	18	791	0	791	13.3	636.50	1525
	WY 2020	8263	-50	198	8063	0	8063			
T	Oct 2020	730	-12	15	725	0	725	11.8	635.65	1503
O	Nov 2020	714	-34	11	560	0	560	9.4	639.83	1613
R	Dec 2020	497	-6	9	509	0	509	8.3	638.82	1586
I	Jan 2021	593	-3	10	475	0	474	7.7	642.71	1691
C	Feb 2021	574	-17	10	550	0	550	9.9	642.63	1688
A	Mar 2021	945	-10	13	920	0	920	15.0	642.69	1690
L	Apr 2021	1057	-21	17	1028	0	1028	17.3	642.37	1682
*	May 2021	1086	-10	22	1055	0	1055	17.2	642.32	1680
	Jun 2021	1001	-13	25	943	0	943	15.9	643.00	1699
	Jul 2021	879	-10	25	858	0	858	13.9	642.50	1685
	Aug 2021	782	-11	23	762	0	762	12.4	642.00	1671
	Sep 2021	708	-11	18	759	0	759	12.8	639.01	1591
	WY 2021	9566	-158	197	9144	0	9143			
	Oct 2021	577	-11	15	707	0	707	11.5	633.00	1434
	Nov 2021	576	-23	10	492	0	492	8.3	635.00	1486
	Dec 2021	476	-11	9	338	0	338	5.5	639.51	1604
	Jan 2022	486	-17	10	398	0	398	6.5	641.80	1666
	Feb 2022	546	-9	10	526	0	526	9.5	641.80	1666
	Mar 2022	872	-7	13	818	0	818	13.3	643.05	1700
	Apr 2022	956	-8	17	933	0	933	15.7	643.00	1699
	May 2022	929	-8	22	898	0	898	14.6	643.00	1699
	Jun 2022	886	-13	25	848	0	848	14.2	643.00	1699
	Jul 2022	777	-10	25	769	0	769	12.5	642.00	1671
	Aug 2022	745	-11	23	712	0	712	11.6	642.00	1671
	Sep 2022	660	-11	18	684	0	684	11.5	640.01	1617
	WY 2022	8487	-138	197	8124	0	8124			
	Oct 2022	506	-11	15	663	0	663	10.8	633.00	1434
	Nov 2022	622	-23	10	538	0	538	9.0	635.00	1486
	Dec 2022	514	-11	9	376	0	376	6.1	639.51	1604
	Jan 2023	522	-17	10	434	0	434	7.1	641.80	1666
	Feb 2023	556	-9	10	537	0	537	9.7	641.80	1666
	Mar 2023	901	-7	13	847	0	847	13.8	643.05	1700
	Apr 2023	986	-8	17	963	0	963	16.2	643.00	1699
	May 2023	964	-8	22	934	0	934	15.2	643.00	1699

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

Model Run ID: 3148

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

June 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)
*	Jun 2020	933	-5	15	700	11.8	94	103	447.85	577	137	2.3
H	Jul 2020	884	3	17	700	11.4	95	69	447.58	572	151	2.4
I	Aug 2020	822	2	17	649	10.6	79	61	448.03	581	127	2.1
S	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	
T	Oct 2020	725	21	12	448	7.3	94	164	447.77	576	66	1.1
O	Nov 2020	560	20	9	357	6.0	92	123	447.50	571	92	1.5
R	Dec 2020	509	9	7	286	4.7	95	145	446.46	551	90	1.5
I	Jan 2021	474	13	6	256	4.2	70	124	447.88	578	122	2.0
C	Feb 2021	550	-2	8	430	7.7	0	111	447.56	572	124	2.2
A	Mar 2021	920	2	9	663	10.8	99	149	447.28	566	179	2.9
L	Apr 2021	1028	2	11	728	12.2	102	163	448.04	581	167	2.8
*	May 2021	1055	-2	13	746	12.1	107	168	448.51	590	137	2.2
	Jun 2021	943	6	15	728	12.2	104	89	448.50	589	130	2.2
	Jul 2021	858	15	17	685	11.1	108	61	448.00	580	131	2.1
	Aug 2021	762	15	17	598	9.7	102	58	447.50	571	92	1.5
	Sep 2021	759	14	15	522	8.8	98	128	447.50	570	103	1.7
	WY 2021	9143	113	139	6448		1070	1485			1433	
	Oct 2021	707	21	12	469	7.6	102	141	447.50	571	71	1.2
	Nov 2021	492	18	9	330	5.5	68	98	447.50	571	94	1.6
	Dec 2021	338	20	7	225	3.7	72	69	446.50	552	94	1.5
	Jan 2022	398	17	6	302	4.9	56	47	446.50	552	138	2.2
	Feb 2022	526	7	8	398	7.2	0	121	446.50	552	124	2.2
	Mar 2022	818	7	9	619	10.1	56	129	446.70	555	147	2.4
	Apr 2022	933	11	11	707	11.9	53	125	448.70	593	147	2.5
	May 2022	898	9	13	692	11.3	56	135	448.70	593	110	1.8
	Jun 2022	848	6	16	697	11.7	53	75	448.70	593	116	2.0
	Jul 2022	769	15	17	672	10.9	56	40	448.00	580	123	2.0
	Aug 2022	712	15	17	611	9.9	56	40	447.50	571	101	1.6
	Sep 2022	684	14	15	517	8.7	53	103	447.50	570	99	1.7
	WY 2022	8124	161	139	6239		679	1123			1365	
	Oct 2022	663	21	12	485	7.9	56	125	447.50	571	89	1.4
	Nov 2022	538	18	9	367	6.2	53	122	447.50	571	115	1.9
	Dec 2022	376	20	7	259	4.2	56	89	446.50	552	110	1.8
	Jan 2023	434	17	6	310	5.0	85	45	446.50	552	138	2.2
	Feb 2023	537	7	8	402	7.2	12	116	446.50	552	124	2.2
	Mar 2023	847	7	9	624	10.1	85	124	446.70	555	147	2.4
	Apr 2023	963	11	11	714	12.0	82	120	448.70	593	147	2.5
	May 2023	934	9	13	704	11.5	85	129	448.70	593	110	1.8

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

Model Run ID: 3148

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

June 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
*	Jun 2020	973	16.4	1087.07	10605	-366	438.87	1511.0	383.4	94	393.9
H	Jul 2020	902	14.7	1084.63	10398	-207	437.22	1502.1	351.6	94	389.9
I	Aug 2020	847	13.8	1084.04	10349	-50	438.65	1502.1	328.8	94	388.2
S	Sep 2020	646	10.9	1083.21	10279	-70	441.07	1264.0	250.3	81	387.6
WY 2020		8263							3256.3		
T	Oct 2020	730	11.9	1081.88	10167	-111	439.76	1154.0	284.7	74	390.2
O	Nov 2020	714	12.0	1081.07	10100	-68	437.77	1303.0	275.5	85	385.6
R	Dec 2020	497	8.0	1083.72	10322	222	442.26	1266.0	191.3	81	384.9
I	Jan 2021	593	9.6	1085.95	10510	189	440.07	1191.0	233.1	74	393.3
C	Feb 2021	574	10.3	1087.26	10622	112	440.33	1080.0	225.4	67	392.4
A	Mar 2021	945	15.4	1084.39	10378	-244	437.56	1109.0	376.2	70	398.0
L	Apr 2021	1057	17.8	1079.30	9953	-425	427.23	1086.9	415.5	70	393.2
*	May 2021	1086	17.7	1073.50	9480	-473	423.99	1042.9	433.7	69	399.5
	Jun 2021	1001	16.8	1068.98	9119	-361	418.07	1451.0	374.3	100	374.0
	Jul 2021	879	14.3	1067.47	9000	-119	415.02	1451.0	332.7	100	378.3
	Aug 2021	782	12.7	1067.51	9003	3	414.62	1434.0	291.8	100	373.4
	Sep 2021	708	11.9	1066.33	8910	-92	415.19	1434.0	262.8	100	371.1
WY 2021		9566							3696.9		
	Oct 2021	577	9.4	1065.22	8824	-87	417.26	1293.0	213.0	91	369.2
	Nov 2021	576	9.7	1064.49	8767	-57	421.38	870.9	218.3	62	378.8
	Dec 2021	476	7.7	1066.17	8898	131	419.43	921.1	179.7	65	377.3
	Jan 2022	486	7.9	1069.62	9169	271	420.50	843.0	185.0	58	380.2
	Feb 2022	546	9.8	1071.59	9326	157	421.74	938.9	206.9	65	379.2
	Mar 2022	872	14.2	1070.33	9226	-100	419.52	1220.0	335.1	85	384.2
	Apr 2022	956	16.1	1066.41	8917	-309	416.87	1150.0	358.4	82	374.7
	May 2022	929	15.1	1062.18	8589	-327	412.95	1108.0	347.7	81	374.4
	Jun 2022	886	14.9	1058.32	8296	-294	406.96	1332.0	322.9	100	364.5
	Jul 2022	777	12.6	1057.26	8216	-79	404.85	1315.0	282.8	100	363.9
	Aug 2022	745	12.1	1057.21	8213	-4	404.63	1315.0	269.9	100	362.1
	Sep 2022	660	11.1	1055.93	8117	-95	404.61	1298.0	236.4	100	358.4
WY 2022		8487							3156.1		
	Oct 2022	506	8.2	1057.59	8241	124	407.08	1281.0	185.1	100	366.1
	Nov 2022	622	10.5	1058.05	8276	35	411.99	1226.2	230.2	85	370.0
	Dec 2022	514	8.4	1060.84	8487	210	411.90	1181.3	191.4	81	372.1
	Jan 2023	522	8.5	1065.58	8852	366	414.16	1099.0	195.8	74	375.2
	Feb 2023	556	10.0	1068.73	9099	247	418.24	983.8	209.5	65	376.9
	Mar 2023	901	14.7	1068.29	9064	-34	417.10	1275.5	338.7	85	376.0
	Apr 2023	986	16.6	1065.30	8830	-234	415.31	1218.7	369.8	82	374.9
	May 2023	964	15.7	1062.02	8577	-253	412.32	1188.7	362.1	81	375.5

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

Model Run ID: 3148

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

June 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
*	Jun 2020	932	15.7	643.34	1708	5	140.36	255.0	117.3	100	125.8
H	Jul 2020	884	14.4	642.91	1696	-12	139.88	255.0	112.0	100	126.7
I	Aug 2020	822	13.4	642.61	1688	-8	141.10	255.0	104.0	100	126.5
S	Sep 2020	791	13.3	636.50	1525	-163	133.32	255.0	98.1	100	123.9
WY 2020		8063							1015.1		
T	Oct 2020	725	11.8	635.65	1503	-22	134.17	215.5	91.1	85	125.5
O	Nov 2020	560	9.4	639.83	1613	110	140.14	168.3	67.8	66	121.2
R	Dec 2020	509	8.3	638.82	1586	-27	135.77	153.0	65.2	60	128.2
I	Jan 2021	475	7.7	642.71	1691	105	143.89	156.3	55.9	61	117.7
C	Feb 2021	550	9.9	642.63	1688	-2	141.55	156.5	71.1	61	129.2
A	Mar 2021	920	15.0	642.69	1690	2	138.82	161.2	117.8	63	128.0
L	Apr 2021	1028	17.3	642.37	1682	-9	138.42	253.3	130.1	99	126.6
*	May 2021	1055	17.2	642.32	1680	-2	139.64	255.0	133.2	100	126.2
	Jun 2021	943	15.9	643.00	1699	19	138.62	255.0	117.8	100	124.9
	Jul 2021	858	13.9	642.50	1685	-14	139.37	255.0	107.7	100	125.6
	Aug 2021	762	12.4	642.00	1671	-14	139.45	255.0	95.7	100	125.6
	Sep 2021	759	12.8	639.01	1591	-81	137.56	255.0	94.1	100	123.9
WY 2021		9144							1147.5		
	Oct 2021	707	11.5	633.00	1434	-156	133.54	227.0	85.1	89	120.3
	Nov 2021	492	8.3	635.00	1486	51	132.88	159.8	58.9	63	119.7
	Dec 2021	338	5.5	639.51	1604	118	137.41	154.7	41.8	61	123.8
	Jan 2022	398	6.5	641.80	1666	62	140.34	156.3	50.4	61	126.4
	Feb 2022	526	9.5	641.80	1666	0	140.17	156.6	66.5	61	126.3
	Mar 2022	818	13.3	643.05	1700	34	139.28	194.1	102.7	76	125.5
	Apr 2022	933	15.7	643.00	1699	-2	139.04	249.9	116.9	98	125.3
	May 2022	898	14.6	643.00	1699	0	139.39	255.0	112.8	100	125.6
	Jun 2022	848	14.2	643.00	1699	0	139.52	255.0	106.5	100	125.7
	Jul 2022	769	12.5	642.00	1671	-27	139.66	255.0	96.8	100	125.8
	Aug 2022	712	11.6	642.00	1671	0	139.51	255.0	89.5	100	125.7
	Sep 2022	684	11.5	640.01	1617	-54	138.54	255.0	85.4	100	124.8
WY 2022		8124							1013.2		
	Oct 2022	663	10.8	633.00	1434	-183	134.33	227.0	80.2	89	121.0
	Nov 2022	538	9.0	635.00	1486	51	132.55	159.8	64.2	63	119.4
	Dec 2022	376	6.1	639.51	1604	118	137.11	154.7	46.5	61	123.5
	Jan 2023	434	7.1	641.80	1666	62	140.08	156.3	54.7	61	126.2
	Feb 2023	537	9.7	641.80	1666	0	140.08	156.6	67.8	61	126.2
	Mar 2023	847	13.8	643.05	1700	34	139.11	194.1	106.1	76	125.3
	Apr 2023	963	16.2	643.00	1699	-2	138.87	249.9	120.5	98	125.1
	May 2023	934	15.2	643.00	1699	0	139.18	255.0	117.1	100	125.4

* 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

June 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
*	Jun 2020	700	11.8	447.85	577	6	79.56	120.0	48.8	100	69.7
H	Jul 2020	700	11.4	447.58	572	-5	81.49	120.0	48.6	100	69.3
I	Aug 2020	649	10.6	448.03	581	8	80.50	120.0	45.0	100	69.3
S	Sep 2020	542	9.1	446.61	554	-27	78.70	120.0	37.7	100	69.6
WY 2020		6041							416.0		
T	Oct 2020	448	7.3	447.77	576	22	81.85	90.0	32.2	75	71.8
O	Nov 2020	357	6.0	447.50	571	-5	81.16	90.0	23.9	75	66.9
R	Dec 2020	286	4.7	446.46	551	-19	80.52	118.1	19.7	98	68.9
I	Jan 2021	256	4.2	447.88	578	26	82.16	97.7	16.1	81	62.9
C	Feb 2021	430	7.7	447.56	572	-6	79.82	97.2	29.8	81	69.3
A	Mar 2021	663	10.8	447.28	566	-5	79.45	120.0	46.2	100	69.7
L	Apr 2021	728	12.2	448.04	581	14	79.77	120.0	50.2	100	68.9
*	May 2021	746	12.1	448.51	590	9	80.39	120.0	52.0	100	69.7
	Jun 2021	728	12.2	448.50	589	0	75.86	120.0	48.4	100	66.5
	Jul 2021	685	11.1	448.00	580	-9	75.61	120.0	45.3	100	66.1
	Aug 2021	598	9.7	447.50	571	-10	75.13	120.0	39.1	100	65.4
	Sep 2021	522	8.8	447.50	570	0	74.89	120.0	33.9	100	65.0
WY 2021		6448							436.8		
	Oct 2021	469	7.6	447.50	571	0	76.14	92.9	30.9	77	65.8
	Nov 2021	330	5.5	447.50	571	0	76.19	92.0	21.3	77	64.7
	Dec 2021	225	3.7	446.50	552	-19	74.82	110.3	13.9	92	61.7
	Jan 2022	302	4.9	446.50	552	0	75.12	93.9	19.1	78	63.5
	Feb 2022	398	7.2	446.50	552	0	75.15	93.2	25.9	78	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	75.08	120.0	46.6	100	65.8
	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	672	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		6239							408.1		
	Oct 2022	485	7.9	447.50	571	0	76.19	91.9	32.0	77	66.0
	Nov 2022	367	6.2	447.50	571	0	76.14	93.0	23.9	78	65.1
	Dec 2022	259	4.2	446.50	552	-19	74.77	111.3	16.2	93	62.4
	Jan 2023	310	5.0	446.50	552	0	75.12	93.9	19.7	78	63.6
	Feb 2023	402	7.2	446.50	552	0	75.10	94.3	26.1	79	64.9
	Mar 2023	624	10.1	446.70	555	4	74.01	120.0	40.4	100	64.7
	Apr 2023	714	12.0	448.70	593	38	75.08	120.0	47.0	100	65.8
	May 2023	704	11.5	448.70	593	0	76.05	120.0	46.8	100	66.5

* 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

June 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
*	Jun 2020	290	58	24	28	18	8
H	Jul 2020	335	35	27	32	18	9
I	Aug 2020	367	43	28	32	19	7
S	Sep 2020	262	37	23	28	11	2
	Summer 2020	1806	254	146	182	102	37
T	Oct 2020	277	24	18	22	9	0
O	Nov 2020	275	20	5	7	3	1
R	Dec 2020	304	24	5	7	3	3
I	Jan 2021	319	24	5	6	3	3
C	Feb 2021	278	21	5	6	2	3
A	Mar 2021	285	20	8	11	6	3
	Winter 2021	1738	132	46	60	25	14
L	Apr 2021	254	19	20	28	17	3
*	May 2021	249	36	24	32	20	3
	Jun 2021	250	27	18	32	18	5
	Jul 2021	294	23	26	36	18	7
	Aug 2021	304	33	21	30	15	6
	Sep 2021	235	33	20	28	14	4
	Summer 2021	1586	171	130	186	101	28
	Oct 2021	181	22	18	26	13	2
	Nov 2021	188	18	4	6	4	5
	Dec 2021	225	26	4	6	4	5
	Jan 2022	269	26	4	6	4	5
	Feb 2022	236	24	4	6	3	4
	Mar 2022	248	30	4	7	5	4
	Winter 2022	1347	146	38	58	32	24
	Apr 2022	222	29	10	17	10	5
	May 2022	228	43	41	64	23	6
	Jun 2022	251	96	9	21	17	8
	Jul 2022	293	26	24	31	18	8
	Aug 2022	313	35	27	34	18	6
	Sep 2022	235	37	24	30	15	6
	Summer 2022	1543	266	134	198	101	38
	Oct 2022	267	34	22	28	14	6
	Nov 2022	265	38	6	8	5	6
	Dec 2022	294	53	11	14	7	5
	Jan 2023	350	53	11	14	7	5
	Feb 2023	309	48	10	13	7	4
	Mar 2023	324	39	11	15	8	4
	Winter 2023	1485	226	59	76	41	26
	Apr 2023	287	38	17	25	14	4
	May 2023	291	30	53	72	23	6

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

June 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 ****										
Jun 2021	789	480	596	15956	17820	18140	35961	236	71	93	400	15956	18140	34496	1500	1001	0	25.3
Jul 2021	628	396	582	15697	17304	18501	35805	62	-31	24	55	15697	18501	34253	1500	879	0	24.8
								**** CREDITABLE SPACE ****										
Aug 2021	583	423	617	16013	17636	18620	36256	583	423	617	1623	16013	18620	36256	1500	782	0	24.3
Sep 2021	622	452	646	16383	18103	18617	36721	622	452	646	1721	16383	18617	36721	2270	708	0	23.9
Oct 2021	678	490	642	16552	18363	18710	37073	678	490	642	1811	16552	18710	37073	3040	577	0	23.7
Nov 2021	685	526	620	16467	18297	18796	37093	685	526	620	1830	16467	18796	37093	3810	576	0	23.6
Dec 2021	689	514	613	16518	18335	18853	37188	689	514	613	1816	16518	18853	37188	4580	476	0	23.6
Jan 2022	731	508	611	16713	18563	18722	37285	731	508	611	1850	16713	18722	37285	5350	486	0	23.6
								**** EFFECTIVE SPACE ****										
Jan 2022	731	508	611	16713	18563	18722	37285	574	409	598	1581	16713	18722	37017	5350	486	0	23.6
Feb 2022	768	502	621	17007	18899	18451	37350	609	404	608	1621	17007	18451	37079	1500	546	0	23.6
Mar 2022	795	497	620	17213	19125	18294	37418	633	399	605	1637	17213	18294	37143	1500	872	0	23.5
Apr 2022	786	482	571	17276	19115	18394	37509	619	384	550	1553	17276	18394	37222	1500	956	0	23.8
May 2022	730	444	483	16941	18599	18703	37302	556	346	439	1341	16941	18703	36986	1500	929	0	25.4
Jun 2022	568	399	335	15331	16633	19031	35664	382	285	253	919	15331	19031	35281	1500	886	0	27.7
Jul 2022	405	185	191	13294	14075	19324	33399	202	41	52	295	13294	19324	32914	1500	777	0	28.3
								**** CREDITABLE SPACE ****										
Aug 2022	225	144	199	12795	13363	19404	32767	225	144	199	568	12795	19404	32767	1500	745	0	28.1
Sep 2022	234	167	232	12903	13536	19407	32943	234	167	232	633	12903	19407	32943	2270	660	0	27.8
Oct 2022	289	202	333	12847	13671	19503	33174	289	202	333	824	12847	19503	33174	3040	506	0	27.7
Nov 2022	327	235	319	12873	13755	19379	33134	327	235	319	882	12873	19379	33134	3810	622	0	27.6
Dec 2022	385	225	319	12991	13920	19344	33264	385	225	319	929	12991	19344	33264	4580	514	0	27.5
Jan 2023	508	234	325	13213	14280	19133	33414	508	234	325	1068	13213	19133	33414	5350	522	0	27.5
								**** EFFECTIVE SPACE ****										
Jan 2023	508	234	325	13213	14280	19133	33414	219	226	90	535	13213	19133	32881	5350	522	0	27.5
Feb 2023	625	246	334	13559	14763	18768	33531	336	238	98	672	13559	18768	32999	1500	556	0	27.4
Mar 2023	723	255	332	13802	15112	18521	33634	434	248	95	777	13802	18521	33101	1500	901	0	27.2
Apr 2023	748	256	287	13981	15272	18556	33827	455	249	43	748	13981	18556	33284	1500	986	0	27.2
May 2023	740	237	222	13896	15094	18790	33884	443	229	-46	626	13896	18790	33311	1500	964	0	28.3

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