



To: All Annual Operating Plan (AOP) Recipients

From: Lower Colorado Basin Region  
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In addition to the February 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/g4000/24mo/2021/February-Chart.pdf>.

The water year 2021 unregulated inflow into Lake Powell in the February Probable Maximum inflow scenario is 8.28 maf, or 76 percent of average. Consistent with the Interim Guidelines, the February 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 0.92 maf in water year 2021, Lake Mead's elevation is projected to be 1,075.26 feet on September 30, 2021.

The 2021 AOP is available for download at:

<https://www.usbr.gov/lc/region/g4000/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

## February 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)
* Feb 2020	32	1	60	0	60	6476.34	147
H Mar 2020	54	1	65	0	65	6473.94	136
I Apr 2020	83	1	73	0	73	6475.89	145
S May 2020	161	1	101	0	101	6486.37	203
T Jun 2020	288	2	107	73	180	6501.43	309
O Jul 2020	145	3	99	23	121	6504.12	330
R Aug 2020	41	2	74	0	74	6499.62	295
I Sep 2020	25	2	26	35	61	6494.55	258
<b>WY 2020</b>	<b>996</b>	<b>15</b>	<b>856</b>	<b>137</b>	<b>993</b>		
C Oct 2020	32	1	0	55	55	6490.95	225
A Nov 2020	33	1	17	35	52	6487.89	205
L Dec 2020	27	1	50	1	51	6483.85	180
* Jan 2021	25	1	48	2	51	6479.03	153
Feb 2021	22	0	46	0	46	6474.12	137
Mar 2021	39	0	53	0	53	6470.87	122
Apr 2021	85	1	85	0	85	6470.72	121
May 2021	174	1	93	0	93	6485.95	201
Jun 2021	287	2	104	79	183	6500.61	303
Jul 2021	169	3	101	33	134	6504.78	335
Aug 2021	78	2	57	17	74	6505.08	337
Sep 2021	52	2	38	33	71	6502.38	316
<b>WY 2021</b>	<b>1023</b>	<b>15</b>	<b>693</b>	<b>255</b>	<b>948</b>		
Oct 2021	57	1	74	0	74	6499.95	298
Nov 2021	47	1	75	0	75	6495.98	269
Dec 2021	35	1	78	0	78	6489.61	224
Jan 2022	33	1	78	0	78	6482.25	179
Feb 2022	31	1	71	0	71	6474.38	138
Mar 2022	58	0	74	0	74	6470.76	122
Apr 2022	102	1	83	0	83	6474.77	140
May 2022	213	1	101	0	101	6493.40	250
Jun 2022	388	2	103	229	332	6500.76	304
Jul 2022	245	3	102	126	227	6502.78	319
Aug 2022	97	2	74	0	74	6505.39	340
Sep 2022	55	2	35	36	71	6503.05	322
<b>WY 2022</b>	<b>1360</b>	<b>16</b>	<b>949</b>	<b>390</b>	<b>1339</b>		
Oct 2022	55	1	74	0	74	6500.48	302
Nov 2022	45	1	74	0	74	6496.39	272
Dec 2022	33	1	77	0	77	6489.96	227
Jan 2023	31	1	77	0	77	6482.55	180

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## February 2021 24-Month Study

Maximum Probable Inflow\*

### Flaming Gorge Reservoir



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	Unreg	Reg	Evap	Power	Bypass	Total	Bank	Reservoir Elev	Live	Jensen
	Inflow	Inflow	Losses	Release	Release	Release	Storage	End of Month	Storage	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)
* Feb 2020	47	76	2	124	0	124	130	6026.75	3225	157
H Mar 2020	106	117	3	119	0	119	130	6026.61	3220	228
I Apr 2020	114	104	5	112	0	112	129	6026.26	3207	308
S May 2020	218	158	8	98	31	129	130	6026.81	3228	672
T Jun 2020	343	236	10	157	31	188	131	6027.76	3263	530
O Jul 2020	158	134	13	90	0	90	133	6028.55	3293	131
R Aug 2020	35	67	12	112	0	112	130	6027.10	3238	124
I Sep 2020	28	64	11	98	0	98	129	6025.93	3195	112
<b>WY 2020</b>	<b>1253</b>	<b>1251</b>	<b>80</b>	<b>1333</b>	<b>62</b>	<b>1395</b>				<b>2825</b>
C Oct 2020	26	50	7	64	0	64	128	6025.38	3174	85
A Nov 2020	36	55	4	54	0	54	128	6025.33	3172	82
L Dec 2020	24	48	2	62	0	62	127	6024.91	3157	88
* Jan 2021	31	57	2	62	0	62	127	6024.75	3151	85
Feb 2021	33	57	2	56	0	56	127	6024.73	3150	74
Mar 2021	75	89	3	68	0	68	127	6025.21	3168	116
Apr 2021	135	135	5	65	0	65	130	6026.89	3231	239
May 2021	266	185	8	84	0	84	134	6029.27	3321	514
Jun 2021	389	285	11	216	0	216	136	6030.71	3377	550
Jul 2021	199	164	14	88	0	88	138	6032.25	3437	149
Aug 2021	94	89	13	101	0	101	137	6031.63	3412	125
Sep 2021	63	82	11	98	0	98	136	6030.95	3386	113
<b>WY 2021</b>	<b>1372</b>	<b>1297</b>	<b>81</b>	<b>1018</b>	<b>0</b>	<b>1018</b>				<b>2220</b>
Oct 2021	72	89	7	73	0	73	137	6031.16	3394	113
Nov 2021	59	87	4	109	0	109	136	6030.55	3370	145
Dec 2021	40	83	2	160	0	160	133	6028.58	3295	188
Jan 2022	46	91	2	160	0	160	130	6026.79	3227	188
Feb 2022	49	90	2	144	0	144	128	6025.31	3172	172
Mar 2022	110	126	3	143	0	143	127	6024.79	3153	233
Apr 2022	160	142	5	138	0	138	127	6024.75	3151	398
May 2022	323	211	8	164	0	164	128	6025.77	3189	814
Jun 2022	521	465	10	282	24	306	134	6029.55	3332	882
Jul 2022	298	280	14	79	0	79	141	6034.13	3511	228
Aug 2022	116	93	13	100	0	100	140	6033.66	3492	134
Sep 2022	69	86	12	101	0	101	139	6033.00	3466	123
<b>WY 2022</b>	<b>1863</b>	<b>1842</b>	<b>81</b>	<b>1653</b>	<b>24</b>	<b>1677</b>				<b>3619</b>
Oct 2022	68	87	8	79	0	79	139	6033.00	3466	119
Nov 2022	52	82	4	109	0	109	138	6032.25	3437	144
Dec 2022	33	77	2	160	0	160	135	6030.17	3356	187
Jan 2023	40	86	2	160	0	160	132	6028.27	3283	187

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## February 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)
*	Feb 2020	4	6	9311.72	73
H	Mar 2020	5	6	9310.81	71
I	Apr 2020	7	6	9311.67	73
S	May 2020	24	10	9319.44	86
T	Jun 2020	22	16	9322.93	92
O	Jul 2020	8	17	9317.91	83
R	Aug 2020	4	14	9311.83	73
I	Sep 2020	5	9	9309.62	69
<b>WY 2020</b>		<b>101</b>	<b>113</b>		
C	Oct 2020	4	5	9308.95	68
A	Nov 2020	4	5	9308.44	67
L	Dec 2020	4	5	9307.73	66
*	Jan 2021	4	5	9306.89	65
	Feb 2021	3	5	9305.75	63
	Mar 2021	3	5	9304.47	61
	Apr 2021	10	9	9305.21	63
	May 2021	30	15	9314.74	78
	Jun 2021	47	18	9330.32	107
	Jul 2021	18	24	9327.12	100
	Aug 2021	10	24	9319.80	87
	Sep 2021	8	18	9314.23	77
<b>WY 2021</b>		<b>145</b>	<b>138</b>		
	Oct 2021	8	9	9313.40	75
	Nov 2021	6	6	9313.22	75
	Dec 2021	5	6	9312.74	74
	Jan 2022	5	6	9311.95	73
	Feb 2022	4	6	9311.08	72
	Mar 2022	5	6	9310.40	71
	Apr 2022	10	9	9311.08	72
	May 2022	32	15	9321.03	89
	Jun 2022	53	18	9338.56	124
	Jul 2022	24	24	9338.65	124
	Aug 2022	12	24	9332.88	112
	Sep 2022	8	18	9328.17	103
<b>WY 2022</b>		<b>172</b>	<b>147</b>		
	Oct 2022	7	9	9327.35	101
	Nov 2022	5	5	9327.51	101
	Dec 2022	5	5	9327.26	101
	Jan 2023	4	5	9326.80	100

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## February 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)
* Feb 2020	22	24	0	31	0	40	7484.20	537
H Mar 2020	34	36	0	38	0	38	7483.85	534
I Apr 2020	50	49	1	73	0	73	7480.49	510
S May 2020	153	140	1	82	17	99	7485.88	550
T Jun 2020	139	131	1	83	3	85	7491.64	594
O Jul 2020	46	55	1	92	1	92	7486.61	555
R Aug 2020	26	36	1	95	0	95	7478.53	495
I Sep 2020	23	26	1	80	2	82	7470.42	439
<b>WY 2020</b>	<b>607</b>	<b>619</b>	<b>8</b>	<b>806</b>	<b>26</b>	<b>908</b>		
C Oct 2020	20	22	0	66	0	66	7463.47	389
A Nov 2020	25	25	0	18	0	18	7464.59	396
L Dec 2020	21	22	0	21	0	21	7464.73	397
* Jan 2021	22	23	0	19	0	19	7465.24	400
Feb 2021	17	19	0	17	0	17	7465.44	401
Mar 2021	29	31	0	20	0	20	7467.02	412
Apr 2021	87	86	1	36	0	36	7474.29	461
May 2021	222	207	1	60	0	60	7493.71	607
Jun 2021	292	263	1	195	0	195	7501.84	674
Jul 2021	109	116	1	80	0	80	7505.92	708
Aug 2021	67	81	1	0	89	89	7504.81	699
Sep 2021	43	52	1	0	84	84	7500.97	666
<b>WY 2021</b>	<b>953</b>	<b>945</b>	<b>8</b>	<b>532</b>	<b>173</b>	<b>705</b>		
Oct 2021	44	45	1	6	69	76	7497.18	635
Nov 2021	33	34	0	27	0	27	7498.00	642
Dec 2021	28	28	0	93	0	93	7489.83	576
Jan 2022	25	27	0	50	0	50	7486.85	553
Feb 2022	24	25	0	43	0	43	7484.38	535
Mar 2022	40	41	0	49	0	49	7483.20	526
Apr 2022	93	92	1	66	0	66	7486.49	551
May 2022	262	245	1	200	195	395	7465.03	399
Jun 2022	343	308	1	92	0	92	7494.48	613
Jul 2022	150	150	1	81	0	81	7502.68	681
Aug 2022	75	87	1	92	0	92	7501.98	675
Sep 2022	45	55	1	80	0	80	7498.84	649
<b>WY 2022</b>	<b>1161</b>	<b>1135</b>	<b>8</b>	<b>880</b>	<b>265</b>	<b>1144</b>		
Oct 2022	43	45	1	76	0	76	7494.92	617
Nov 2022	32	32	0	30	0	30	7495.17	619
Dec 2022	27	27	0	91	0	91	7487.07	555
Jan 2023	25	26	0	49	0	49	7483.95	531

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## February 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)
*	Feb 2020	23	40	1	41	41	0	41	7147.88	107
H	Mar 2020	36	38	2	40	42	0	42	7145.65	106
I	Apr 2020	54	73	4	77	76	0	76	7147.10	107
S	May 2020	162	99	10	109	109	0	109	7146.72	107
T	Jun 2020	142	85	4	89	85	0	85	7152.13	111
O	Jul 2020	47	92	1	93	93	0	93	7152.06	111
R	Aug 2020	27	95	1	96	95	0	97	7151.26	110
I	Sep 2020	23	82	1	83	80	0	84	7149.87	109
	<b>WY 2020</b>	<b>632</b>	<b>908</b>	<b>25</b>	<b>933</b>	<b>917</b>	<b>0</b>	<b>933</b>		
C	Oct 2020	21	66	1	67	66	0	66	7151.06	110
A	Nov 2020	27	18	2	20	23	0	23	7147.26	107
L	Dec 2020	24	21	3	24	23	0	23	7148.38	108
*	Jan 2021	23	19	1	21	23	0	23	7145.78	106
	Feb 2021	20	17	3	20	19	0	19	7147.94	107
	Mar 2021	32	20	3	23	23	0	23	7147.94	107
	Apr 2021	98	36	11	47	47	0	47	7147.94	107
	May 2021	244	60	22	82	81	0	81	7147.94	107
	Jun 2021	310	195	19	213	213	0	213	7147.94	107
	Jul 2021	113	80	3	83	83	0	83	7147.94	107
	Aug 2021	69	89	2	91	91	0	91	7147.94	107
	Sep 2021	45	84	2	86	86	0	86	7147.94	107
	<b>WY 2021</b>	<b>1026</b>	<b>705</b>	<b>73</b>	<b>778</b>	<b>779</b>	<b>0</b>	<b>779</b>		
	Oct 2021	46	76	3	78	78	0	78	7147.94	107
	Nov 2021	36	27	2	29	29	0	29	7147.94	107
	Dec 2021	30	93	2	96	96	0	96	7147.94	107
	Jan 2022	28	50	2	52	52	0	52	7147.94	107
	Feb 2022	26	43	3	46	46	0	46	7147.94	107
	Mar 2022	44	49	4	53	53	0	53	7147.94	107
	Apr 2022	105	66	13	79	78	0	78	7147.94	107
	May 2022	292	395	30	426	303	122	426	7147.94	107
	Jun 2022	371	92	27	120	119	0	119	7147.94	107
	Jul 2022	157	81	7	88	88	0	88	7147.94	107
	Aug 2022	79	92	4	96	95	0	95	7147.94	107
	Sep 2022	48	80	3	83	83	0	83	7147.94	107
	<b>WY 2022</b>	<b>1260</b>	<b>1144</b>	<b>100</b>	<b>1244</b>	<b>1121</b>	<b>122</b>	<b>1243</b>		
	Oct 2022	45	76	2	79	78	0	78	7147.94	107
	Nov 2022	35	30	2	32	32	0	32	7147.94	107
	Dec 2022	28	91	2	92	92	0	92	7147.94	107
	Jan 2023	27	49	2	51	51	0	51	7147.94	107

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## February 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)
*	Feb 2020	26	41	3	44	24	19	43	6748.71	16	1	43
H	Mar 2020	42	42	6	47	45	1	46	6754.38	17	11	33
I	Apr 2020	59	76	5	81	81	0	81	6754.37	17	55	26
S	May 2020	174	109	12	121	99	14	121	6754.46	17	65	54
T	Jun 2020	148	85	6	91	92	0	93	6747.34	15	62	32
O	Jul 2020	48	93	2	95	94	0	94	6750.20	16	65	32
R	Aug 2020	27	97	1	97	97	0	97	6750.09	16	64	35
I	Sep 2020	25	84	1	85	59	27	85	6749.98	16	59	28
<b>WY 2020</b>		<b>683</b>	<b>933</b>	<b>51</b>	<b>984</b>	<b>905</b>	<b>72</b>	<b>984</b>			<b>447</b>	<b>535</b>
C	Oct 2020	23	66	2	68	49	19	67	6751.39	16	42	25
A	Nov 2020	29	23	2	25	25	0	25	6751.22	16	0	24
L	Dec 2020	27	23	2	26	25	0	26	6751.57	17	1	24
*	Jan 2021	25	23	2	25	25	0	25	6748.38	16	0	24
	Feb 2021	22	19	2	21	20	0	20	6749.63	16	0	20
	Mar 2021	37	23	5	28	0	28	28	6749.63	16	5	23
	Apr 2021	111	47	13	60	60	0	60	6749.63	16	42	18
	May 2021	273	81	29	110	110	0	110	6749.63	16	62	48
	Jun 2021	344	213	34	247	132	115	247	6749.63	16	61	186
	Jul 2021	122	83	9	92	92	0	92	6749.63	16	65	27
	Aug 2021	76	91	7	98	98	0	98	6749.63	16	65	33
	Sep 2021	51	86	6	92	52	40	92	6749.63	16	55	37
<b>WY 2021</b>		<b>1140</b>	<b>779</b>	<b>114</b>	<b>892</b>	<b>689</b>	<b>203</b>	<b>892</b>			<b>398</b>	<b>489</b>
	Oct 2021	53	78	7	85	85	0	85	6749.63	16	30	55
	Nov 2021	41	29	5	34	34	0	34	6749.63	16	0	34
	Dec 2021	35	96	5	101	101	0	101	6749.63	16	0	101
	Jan 2022	33	52	5	57	57	0	57	6749.63	16	0	57
	Feb 2022	30	46	4	50	50	0	50	6749.63	16	0	50
	Mar 2022	51	53	7	60	60	0	60	6749.63	16	5	55
	Apr 2022	119	78	14	92	92	0	92	6749.63	16	42	50
	May 2022	332	426	40	465	136	329	465	6749.63	16	62	403
	Jun 2022	417	119	47	166	132	34	166	6749.63	16	61	105
	Jul 2022	174	88	17	105	105	0	105	6749.63	16	65	40
	Aug 2022	88	95	9	105	105	0	105	6749.63	16	65	40
	Sep 2022	55	83	7	89	48	41	89	6749.63	16	55	34
<b>WY 2022</b>		<b>1426</b>	<b>1243</b>	<b>166</b>	<b>1408</b>	<b>1004</b>	<b>405</b>	<b>1408</b>			<b>385</b>	<b>1023</b>
	Oct 2022	52	78	6	85	85	0	85	6749.63	16	55	30
	Nov 2022	39	32	5	37	37	0	37	6749.63	16	0	37
	Dec 2022	33	92	5	97	97	0	97	6749.63	16	0	97
	Jan 2023	31	51	4	55	55	0	55	6749.63	16	0	55

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## February 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)
*	Feb 2020	4	2	7647.01	80
H	Mar 2020	6	2	7648.55	84
I	Apr 2020	16	4	7653.32	95
S	May 2020	66	37	7664.35	124
T	Jun 2020	38	48	7660.61	114
O	Jul 2020	11	38	7649.57	86
R	Aug 2020	5	36	7635.21	54
I	Sep 2020	4	28	7620.77	30
	<b>WY 2020</b>	<b>167</b>	<b>213</b>		
C	Oct 2020	3	2	7620.99	30
A	Nov 2020	3	0	7623.08	33
L	Dec 2020	3	0	7624.62	36
*	Jan 2021	3	0	7626.24	38
	Feb 2021	2	0	7627.39	40
	Mar 2021	4	0	7629.14	43
	Apr 2021	21	0	7639.91	64
	May 2021	65	31	7654.33	98
	Jun 2021	63	43	7662.11	118
	Jul 2021	23	42	7654.58	98
	Aug 2021	18	38	7646.21	78
	Sep 2021	21	30	7642.15	69
	<b>WY 2021</b>	<b>228</b>	<b>186</b>		
	Oct 2021	18	17	7642.42	70
	Nov 2021	10	2	7645.73	77
	Dec 2021	7	2	7647.91	82
	Jan 2022	6	2	7649.55	86
	Feb 2022	5	2	7650.98	90
	Mar 2022	10	2	7654.29	98
	Apr 2022	27	4	7663.37	121
	May 2022	80	86	7660.85	115
	Jun 2022	88	81	7663.21	121
	Jul 2022	35	43	7659.84	112
	Aug 2022	22	38	7653.25	95
	Sep 2022	21	30	7649.65	86
	<b>WY 2022</b>	<b>329</b>	<b>308</b>		
	Oct 2022	18	17	7649.86	87
	Nov 2022	10	4	7652.24	93
	Dec 2022	7	4	7653.52	96
	Jan 2023	6	4	7654.33	98

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## February 2021 24-Month Study

Maximum Probable Inflow\*

### Navajo Reservoir



— BUREAU OF —  
RECLAMATION

	Mod Unreg	Azotea	Reg	Evap	NIIP	Total	Reservoir Elev	Live	Farmington
	Inflow	Tunnel Div	Inflow	Losses	Diversion	Release	End of Month	Storage	Flow
Date	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)
* Feb 2020	17	0	15	1	3	24	6055.76	1295	37
H Mar 2020	35	2	30	2	5	26	6055.57	1292	35
I Apr 2020	80	11	60	2	25	29	6055.92	1297	37
S May 2020	199	27	142	4	37	32	6061.48	1367	122
T Jun 2020	65	8	64	4	41	31	6060.49	1354	96
O Jul 2020	3	1	29	4	47	47	6054.99	1285	58
R Aug 2020	-15	0	16	3	44	52	6048.01	1202	46
I Sep 2020	-7	0	17	2	21	47	6043.32	1149	44
<b>WY 2020</b>	<b>431</b>	<b>48</b>	<b>429</b>	<b>27</b>	<b>230</b>	<b>411</b>			<b>671</b>
C Oct 2020	6	0	6	1	9	42	6039.09	1103	46
A Nov 2020	17	0	14	1	0	22	6038.29	1094	38
L Dec 2020	10	0	7	1	0	22	6036.88	1079	33
* Jan 2021	12	0	10	1	0	24	6035.47	1065	34
Feb 2021	14	0	12	1	0	17	6034.92	1059	23
Mar 2021	37	0	34	1	5	19	6035.73	1067	29
Apr 2021	164	4	139	2	21	27	6043.98	1156	67
May 2021	286	42	211	3	35	28	6056.25	1301	142
Jun 2021	228	37	171	4	51	27	6063.22	1389	151
Jul 2021	52	7	63	4	56	28	6061.36	1365	76
Aug 2021	35	3	51	4	47	28	6059.25	1338	61
Sep 2021	52	4	57	3	26	27	6059.42	1340	62
<b>WY 2021</b>	<b>913</b>	<b>97</b>	<b>775</b>	<b>26</b>	<b>250</b>	<b>308</b>			<b>761</b>
Oct 2021	60	4	55	2	9	28	6060.71	1357	59
Nov 2021	35	1	27	1	0	27	6060.63	1356	46
Dec 2021	29	0	23	1	0	28	6060.25	1351	44
Jan 2022	24	0	20	1	0	28	6059.57	1342	42
Feb 2022	34	1	30	1	0	25	6059.90	1347	38
Mar 2022	111	11	91	2	5	28	6064.24	1403	54
Apr 2022	202	26	152	3	21	27	6071.72	1505	88
May 2022	327	44	289	4	35	285	6069.21	1470	450
Jun 2022	293	39	247	4	51	297	6061.23	1364	487
Jul 2022	88	8	88	4	56	114	6054.31	1277	199
Aug 2022	51	3	64	3	47	28	6053.13	1263	71
Sep 2022	59	4	63	3	26	27	6053.80	1271	64
<b>WY 2022</b>	<b>1310</b>	<b>141</b>	<b>1148</b>	<b>28</b>	<b>250</b>	<b>940</b>			<b>1641</b>
Oct 2022	57	2	54	2	9	28	6055.09	1287	58
Nov 2022	32	0	26	1	0	27	6054.95	1285	46
Dec 2022	25	0	22	1	0	28	6054.43	1279	43
Jan 2023	22	0	19	1	0	28	6053.70	1270	42

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## February 2021 24-Month Study

Maximum Probable Inflow\*

### Lake Powell



— BUREAU OF —  
RECLAMATION

	Unreg	Regulated	Evap	PowerPlant	Bypass	Total	Reservoir Elev	Bank	EOM	Lees
	Inflow	Inflow	Losses	Release	Release	Release	End of Month	Storage	Storage	Ferry Gage
Date	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)
* Feb 2020	288	393	9	675	0	675	3602.72	5015	12011	687
H Mar 2020	475	505	15	700	0	700	3600.71	4999	11818	719
I Apr 2020	475	510	23	630	0	630	3599.32	4989	11685	652
S May 2020	1541	1253	27	629	0	629	3605.05	5033	12239	651
T Jun 2020	1453	1293	45	650	0	650	3610.62	5077	12793	663
O Jul 2020	290	332	53	750	0	750	3606.25	5042	12357	774
R Aug 2020	-20	200	51	833	0	833	3599.72	4992	11723	865
I Sep 2020	47	267	46	602	0	602	3595.98	4963	11371	628
<b>WY 2020</b>	<b>5848</b>	<b>6543</b>	<b>372</b>	<b>8230</b>	<b>0</b>	<b>8230</b>				<b>8425</b>
C Oct 2020	92	246	31	640	0	640	3591.72	4932	10977	667
A Nov 2020	261	279	29	640	0	640	3587.72	4903	10615	650
L Dec 2020	168	217	23	719	0	719	3582.21	4864	10130	716
* Jan 2021	198	239	7	763	0	763	3576.45	4825	9638	758
Feb 2021	250	274	7	675	0	675	3571.89	4795	9261	696
Mar 2021	400	371	11	700	0	700	3567.99	4769	8945	724
Apr 2021	853	619	18	628	0	628	3567.68	4767	8921	644
May 2021	1997	1470	22	628	0	628	3576.95	4828	9681	641
Jun 2021	2341	1957	37	651	0	651	3590.39	4922	10856	659
Jul 2021	810	707	47	765	0	765	3589.32	4914	10759	780
Aug 2021	459	532	46	800	0	800	3586.07	4891	10469	816
Sep 2021	448	529	42	621	0	621	3584.66	4881	10344	634
<b>WY 2021</b>	<b>8277</b>	<b>7441</b>	<b>319</b>	<b>8230</b>	<b>0</b>	<b>8230</b>				<b>8384</b>
Oct 2021	612	626	29	643	0	643	3584.18	4878	10302	659
Nov 2021	515	551	28	642	0	642	3582.92	4869	10192	654
Dec 2021	398	583	22	715	0	715	3581.28	4858	10049	725
Jan 2022	391	533	7	857	0	857	3577.69	4833	9743	874
Feb 2022	426	533	7	758	0	758	3575.13	4816	9528	778
Mar 2022	733	709	12	801	0	801	3573.97	4808	9432	816
Apr 2022	1243	1066	19	713	0	713	3577.67	4833	9741	728
May 2022	2909	2920	25	710	0	710	3600.16	4995	11765	718
Jun 2022	3590	3219	45	745	0	745	3622.35	5175	14014	749
Jul 2022	1593	1395	59	842	0	842	3626.55	5211	14471	856
Aug 2022	646	674	60	900	0	900	3624.13	5190	14206	917
Sep 2022	500	564	54	674	0	674	3622.73	5178	14054	687
<b>WY 2022</b>	<b>13556</b>	<b>13374</b>	<b>367</b>	<b>9000</b>	<b>0</b>	<b>9000</b>				<b>9162</b>
Oct 2022	595	621	37	643	0	643	3622.21	5174	13999	652
Nov 2022	486	535	36	642	0	642	3620.97	5163	13867	644
Dec 2022	364	557	29	715	0	715	3619.35	5149	13694	720
Jan 2023	355	505	9	847	10	857	3616.16	5123	13360	868

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## February 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)
* Feb 2020	675	68	29	557	9.7	9	550	741	1096.27	11405
H Mar 2020	700	156	33	593	9.6	12	568	755	1098.59	11610
I Apr 2020	630	83	41	862	14.5	18	847	742	1096.39	11415
S May 2020	629	33	46	1057	17.2	32	1054	713	1091.32	10971
T Jun 2020	650	19	55	973	16.4	31	973	689	1087.07	10605
O Jul 2020	750	35	68	902	14.7	36	901	676	1084.63	10398
R Aug 2020	833	69	72	847	13.8	36	845	673	1084.04	10349
I Sep 2020	602	56	59	646	10.9	28	645	668	1083.21	10279
<b>WY 2020</b>	<b>8230</b>	<b>863</b>	<b>553</b>	<b>8263</b>		<b>256</b>	<b>8176</b>			
C Oct 2020	640	35	43	730	11.9	21	729	661	1081.88	10167
A Nov 2020	640	56	42	714	12.0	11	713	656	1081.07	10100
L Dec 2020	719	61	37	497	8.1	10	495	671	1083.72	10322
* Jan 2021	763	74	30	593	9.6	13	586	683	1085.95	10510
Feb 2021	675	116	28	537	9.7	6	537	697	1088.36	10716
Mar 2021	700	131	32	938	15.3	14	938	687	1086.69	10573
Apr 2021	628	88	39	1032	17.3	16	1032	665	1082.57	10225
May 2021	628	69	44	952	15.5	20	952	645	1078.98	9927
Jun 2021	651	43	52	878	14.8	29	878	629	1075.93	9676
Jul 2021	765	82	65	796	12.9	34	796	626	1075.37	9631
Aug 2021	800	92	69	743	12.1	36	743	629	1075.88	9672
Sep 2021	621	71	57	657	11.0	31	657	625	1075.26	9622
<b>WY 2021</b>	<b>8230</b>	<b>917</b>	<b>538</b>	<b>9066</b>		<b>241</b>	<b>9057</b>			
Oct 2021	643	89	42	545	8.9	26	545	633	1076.64	9735
Nov 2021	642	69	42	595	10.0	14	595	636	1077.33	9791
Dec 2021	715	57	36	488	7.9	8	488	651	1080.07	10017
Jan 2022	857	94	30	478	7.8	13	478	677	1084.88	10420
Feb 2022	758	112	28	577	10.4	11	577	693	1087.69	10659
Mar 2022	801	86	31	955	15.5	19	955	686	1086.39	10548
Apr 2022	713	81	39	980	16.5	21	980	671	1083.67	10318
May 2022	710	44	44	958	15.6	25	958	654	1080.61	10061
Jun 2022	745	23	53	915	15.4	35	915	640	1077.94	9841
Jul 2022	842	79	66	803	13.1	40	803	640	1078.07	9852
Aug 2022	900	95	70	755	12.3	42	755	648	1079.52	9971
Sep 2022	674	75	58	687	11.5	37	687	646	1079.14	9940
<b>WY 2022</b>	<b>9000</b>	<b>902</b>	<b>539</b>	<b>8735</b>		<b>290</b>	<b>8735</b>			
Oct 2022	643	75	42	507	8.2	31	507	655	1080.71	10070
Nov 2022	642	68	42	614	10.3	19	614	657	1081.10	10102
Dec 2022	715	64	37	529	8.6	13	529	669	1083.35	10290
Jan 2023	857	95	30	548	8.9	14	548	691	1087.33	10628

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## February 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)
*	Feb 2020	557	-3	10	523	0	523	9.1	642.10	1674
H	Mar 2020	593	3	13	549	0	549	8.9	643.32	1708
I	Apr 2020	862	4	17	861	0	861	14.5	642.91	1696
S	May 2020	1057	-2	22	1025	0	1025	16.7	643.17	1703
T	Jun 2020	973	-10	25	932	0	933	15.7	643.34	1708
O	Jul 2020	902	-4	25	884	0	884	14.4	642.91	1696
R	Aug 2020	847	-10	23	822	0	822	13.4	642.61	1688
I	Sep 2020	646	1	18	791	0	791	13.3	636.50	1525
	<b>WY 2020</b>	<b>8263</b>	<b>-51</b>	<b>198</b>	<b>8063</b>	<b>0</b>	<b>8063</b>			
C	Oct 2020	730	-12	15	725	0	725	11.8	635.65	1503
A	Nov 2020	714	-34	11	560	0	560	9.4	639.83	1613
L	Dec 2020	497	-6	9	509	0	509	8.3	638.82	1586
*	Jan 2021	593	-3	10	475	0	474	7.7	642.71	1691
	Feb 2021	537	-10	10	536	0	536	9.7	642.00	1671
	Mar 2021	938	-12	13	900	0	900	14.6	642.50	1685
	Apr 2021	1032	-12	17	989	0	989	16.6	643.00	1699
	May 2021	952	-10	22	920	0	920	15.0	643.00	1699
	Jun 2021	878	-15	25	838	0	838	14.1	643.00	1699
	Jul 2021	796	-12	25	786	0	786	12.8	642.00	1671
	Aug 2021	743	-12	23	708	0	708	11.5	642.00	1671
	Sep 2021	657	-15	18	705	0	705	11.8	639.01	1591
	<b>WY 2021</b>	<b>9066</b>	<b>-152</b>	<b>197</b>	<b>8650</b>	<b>0</b>	<b>8650</b>			
	Oct 2021	545	-10	15	677	0	677	11.0	633.00	1434
	Nov 2021	595	-19	10	515	0	515	8.6	635.00	1486
	Dec 2021	488	-12	9	348	0	348	5.7	639.51	1604
	Jan 2022	478	-21	10	386	0	386	6.3	641.80	1666
	Feb 2022	577	-10	10	557	0	557	10.0	641.80	1666
	Mar 2022	955	-12	13	896	0	896	14.6	643.05	1700
	Apr 2022	980	-12	17	952	0	952	16.0	643.00	1699
	May 2022	958	-10	22	926	0	926	15.1	643.00	1699
	Jun 2022	915	-15	25	875	0	875	14.7	643.00	1699
	Jul 2022	803	-12	25	793	0	793	12.9	642.00	1671
	Aug 2022	755	-12	23	720	0	720	11.7	642.00	1671
	Sep 2022	687	-15	18	708	0	708	11.9	640.01	1618
	<b>WY 2022</b>	<b>8735</b>	<b>-159</b>	<b>197</b>	<b>8352</b>	<b>0</b>	<b>8352</b>			
	Oct 2022	507	-10	15	665	0	665	10.8	633.00	1434
	Nov 2022	614	-19	10	534	0	534	9.0	635.00	1486
	Dec 2022	529	-12	9	390	0	390	6.3	639.51	1604
	Jan 2023	548	-21	10	455	0	455	7.4	641.80	1666

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## February 2021 24-Month Study

Maximum Probable Inflow\*

### Parker Dam - Lake Havasu



— BUREAU OF —  
RECLAMATION

	Davis Release	Side Inflow	Evap Losses	Total Release	Total Release	MWD Diversion	CAP Diversion	Reservoir Elev End of Month	EOM Storage	Flow To Mexico	Flow To Mexico
Date	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 CFS)	(1000 Ac-Ft)	(1000 Ac-Ft)	(Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 CFS)
* Feb 2020	523	-3	8	400	6.9	3	75	448.15	583	138	2.4
H Mar 2020	549	15	9	455	7.4	43	94	446.04	543	198	3.2
I Apr 2020	861	29	11	642	10.8	55	148	447.41	569	171	2.9
S May 2020	1025	-6	13	752	12.2	61	180	447.51	571	132	2.1
T Jun 2020	933	-5	15	700	11.8	94	103	447.85	577	142	2.4
O Jul 2020	884	3	17	700	11.4	95	69	447.58	572	156	2.5
R Aug 2020	822	2	17	649	10.6	79	61	448.03	581	131	2.1
I Sep 2020	791	4	15	542	9.1	92	164	446.61	554	116	2.0
<b>WY 2020</b>	<b>8063</b>	<b>99</b>	<b>139</b>	<b>6041</b>		<b>631</b>	<b>1319</b>			<b>1584</b>	
C Oct 2020	725	22	12	448	7.3	94	164	447.77	576	71	1.2
A Nov 2020	560	20	9	357	6.0	92	123	447.50	571	96	1.6
L Dec 2020	509	9	7	286	4.7	95	145	446.46	551	95	1.5
* Jan 2021	474	13	6	256	4.2	70	124	447.88	578	152	2.5
Feb 2021	536	10	8	413	7.4	0	136	446.99	561	131	2.4
Mar 2021	900	5	9	634	10.3	99	145	447.50	571	156	2.5
Apr 2021	989	8	11	711	12.0	95	147	448.70	593	155	2.6
May 2021	920	15	13	681	11.1	57	173	448.70	593	117	1.9
Jun 2021	838	11	16	691	11.6	55	75	448.70	593	123	2.1
Jul 2021	786	18	17	680	11.1	57	52	448.00	580	129	2.1
Aug 2021	708	17	17	598	9.7	57	52	447.50	571	99	1.6
Sep 2021	705	17	15	512	8.6	55	130	447.50	570	96	1.6
<b>WY 2021</b>	<b>8650</b>	<b>165</b>	<b>140</b>	<b>6266</b>		<b>825</b>	<b>1467</b>			<b>1419</b>	
Oct 2021	677	24	12	482	7.8	57	144	447.50	571	85	1.4
Nov 2021	515	16	9	354	6.0	54	108	447.50	571	113	1.9
Dec 2021	348	22	7	244	4.0	56	78	446.50	552	108	1.8
Jan 2022	386	20	6	263	4.3	76	56	446.50	552	102	1.7
Feb 2022	557	10	8	402	7.2	3	146	446.50	552	127	2.3
Mar 2022	896	5	9	647	10.5	76	157	446.70	555	168	2.7
Apr 2022	952	8	11	714	12.0	35	152	448.70	593	154	2.6
May 2022	926	15	13	702	11.4	50	164	448.70	593	127	2.1
Jun 2022	875	11	16	720	12.1	47	90	448.70	593	140	2.4
Jul 2022	793	18	17	697	11.3	50	48	448.00	580	151	2.5
Aug 2022	720	17	17	621	10.1	50	48	447.50	571	116	1.9
Sep 2022	708	17	15	528	8.9	47	124	447.50	570	112	1.9
<b>WY 2022</b>	<b>8352</b>	<b>183</b>	<b>139</b>	<b>6374</b>		<b>600</b>	<b>1316</b>			<b>1505</b>	
Oct 2022	665	24	12	469	7.6	50	151	447.50	571	73	1.2
Nov 2022	534	16	9	340	5.7	47	148	447.50	571	91	1.5
Dec 2022	390	22	7	241	3.9	71	107	446.50	552	96	1.6
Jan 2023	455	20	6	311	5.1	103	50	446.50	552	142	2.3

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## February 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
*	Feb 2020	557	9.7	1096.27	11405	140	452.31	962.0	224.2	57	402.6
H	Mar 2020	593	9.6	1098.59	11610	205	450.96	1136.0	237.0	69	399.6
I	Apr 2020	862	14.5	1096.39	11415	-194	447.37	1138.0	351.1	69	407.4
S	May 2020	1057	17.2	1091.32	10971	-444	443.68	1385.0	424.4	85	401.5
T	Jun 2020	973	16.4	1087.07	10605	-366	438.87	1511.0	383.4	94	393.9
O	Jul 2020	902	14.7	1084.63	10398	-207	437.22	1502.1	351.6	94	389.9
R	Aug 2020	847	13.8	1084.04	10349	-50	438.65	1502.1	328.8	94	388.2
I	Sep 2020	646	10.9	1083.21	10279	-70	441.07	1264.0	250.3	81	387.6
<b>WY 2020</b>		<b>8263</b>							<b>3256.3</b>		
C	Oct 2020	730	11.9	1081.88	10167	-111	439.76	1154.0	284.7	74	390.2
A	Nov 2020	714	12.0	1081.07	10100	-68	437.77	1303.0	275.5	85	385.6
L	Dec 2020	497	8.0	1083.72	10322	222	442.26	1266.0	191.3	81	384.9
*	Jan 2021	593	9.6	1085.95	10510	189	440.07	1191.0	233.1	74	393.3
	Feb 2021	537	9.7	1088.36	10716	206	437.55	1080.0	210.0	67	391.0
	Mar 2021	938	15.3	1086.69	10573	-143	437.71	1109.0	376.4	70	401.1
	Apr 2021	1032	17.3	1082.57	10225	-347	434.50	1086.9	412.8	70	400.0
	May 2021	952	15.5	1078.98	9927	-299	428.61	1332.0	370.0	88	388.7
	Jun 2021	878	14.8	1075.93	9676	-250	424.00	1468.0	333.6	100	379.9
	Jul 2021	796	12.9	1075.37	9631	-46	422.54	1468.0	303.4	100	381.3
	Aug 2021	743	12.1	1075.88	9672	41	422.84	1468.0	281.1	100	378.6
	Sep 2021	657	11.0	1075.26	9622	-50	423.76	1451.0	246.3	100	375.1
<b>WY 2021</b>		<b>9066</b>							<b>3518.2</b>		
	Oct 2021	545	8.9	1076.64	9735	112	427.35	1413.3	204.2	91	374.6
	Nov 2021	595	10.0	1077.33	9791	57	434.57	804.3	235.0	52	395.1
	Dec 2021	488	7.9	1080.07	10017	225	432.73	1018.3	189.7	65	389.0
	Jan 2022	478	7.8	1084.88	10420	403	435.00	926.3	187.1	58	391.1
	Feb 2022	577	10.4	1087.69	10659	239	437.25	1053.9	227.7	65	394.9
	Mar 2022	955	15.5	1086.39	10548	-111	435.48	1362.3	377.9	85	395.6
	Apr 2022	980	16.5	1083.67	10318	-230	433.40	1303.9	383.3	82	391.2
	May 2022	958	15.6	1080.61	10061	-256	430.66	1273.8	375.8	81	392.4
	Jun 2022	915	15.4	1077.94	9841	-221	425.80	1554.8	351.1	100	383.6
	Jul 2022	803	13.1	1078.07	9852	11	424.87	1555.6	308.0	100	383.7
	Aug 2022	755	12.3	1079.52	9971	120	425.98	1563.8	288.5	100	382.1
	Sep 2022	687	11.5	1079.14	9940	-31	427.16	1561.7	261.1	100	380.2
<b>WY 2022</b>		<b>8735</b>							<b>3389.4</b>		
	Oct 2022	507	8.2	1080.71	10070	129	430.97	1432.4	195.7	91	386.3
	Nov 2022	614	10.3	1081.10	10102	33	434.89	1336.8	239.0	85	389.1
	Dec 2022	529	8.6	1083.35	10290	188	434.51	1284.2	201.0	81	379.7
	Jan 2023	548	8.9	1087.33	10628	338	436.14	1189.8	210.4	74	384.1

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## February 2021 24-Month Study

Maximum Probable Inflow\*

### Davis Dam - Lake Mohave



— BUREAU OF —  
RECLAMATION

	Power Release 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
*	Feb 2020	523	9.1	642.10	1674	21	139.59	156.5	68.9	61	131.6
H	Mar 2020	549	8.9	643.32	1708	33	142.51	164.5	67.4	65	122.6
I	Apr 2020	861	14.5	642.91	1696	-11	137.62	253.3	109.7	99	127.4
S	May 2020	1025	16.7	643.17	1703	7	140.19	255.0	128.5	100	125.3
T	Jun 2020	932	15.7	643.34	1708	5	140.36	255.0	117.3	100	125.8
O	Jul 2020	884	14.4	642.91	1696	-12	139.88	255.0	112.0	100	126.7
R	Aug 2020	822	13.4	642.61	1688	-8	141.10	255.0	104.0	100	126.5
I	Sep 2020	791	13.3	636.50	1525	-163	133.32	255.0	98.1	100	123.9
<b>WY 2020</b>		<b>8063</b>							<b>1015.1</b>		
C	Oct 2020	725	11.8	635.65	1503	-22	134.17	215.5	91.1	85	125.5
A	Nov 2020	560	9.4	639.83	1613	110	140.14	168.3	67.8	66	121.2
L	Dec 2020	509	8.3	638.82	1586	-27	135.77	153.0	65.2	60	128.2
*	Jan 2021	475	7.7	642.71	1691	105	143.89	156.3	55.9	61	117.7
	Feb 2021	536	9.7	642.00	1671	-19	140.64	156.5	68.0	61	126.7
	Mar 2021	900	14.6	642.50	1685	14	138.63	161.2	112.4	63	124.9
	Apr 2021	989	16.6	643.00	1699	14	138.45	253.3	123.4	99	124.7
	May 2021	920	15.0	643.00	1699	0	139.27	255.0	115.4	100	125.5
	Jun 2021	838	14.1	643.00	1699	0	139.58	255.0	105.4	100	125.7
	Jul 2021	786	12.8	642.00	1671	-27	139.55	255.0	98.8	100	125.7
	Aug 2021	708	11.5	642.00	1671	0	139.53	255.0	89.0	100	125.7
	Sep 2021	705	11.8	639.01	1591	-81	137.92	255.0	87.5	100	124.3
<b>WY 2021</b>		<b>8650</b>							<b>1079.8</b>		
	Oct 2021	677	11.0	633.00	1434	-156	133.74	215.5	81.5	85	120.5
	Nov 2021	515	8.6	635.00	1486	51	132.72	170.0	61.5	67	119.6
	Dec 2021	348	5.7	639.51	1604	118	137.33	153.0	43.0	60	123.7
	Jan 2022	386	6.3	641.80	1666	62	140.44	161.2	48.8	63	126.5
	Feb 2022	557	10.0	641.80	1666	0	139.94	202.2	70.2	79	126.1
	Mar 2022	896	14.6	643.05	1700	34	138.83	205.7	112.1	81	125.1
	Apr 2022	952	16.0	643.00	1699	-1	138.94	214.2	119.2	84	125.2
	May 2022	926	15.1	643.00	1699	0	139.23	255.0	116.1	100	125.4
	Jun 2022	875	14.7	643.00	1699	0	139.36	255.0	109.9	100	125.6
	Jul 2022	793	12.9	642.00	1671	-27	139.51	255.0	99.6	100	125.7
	Aug 2022	720	11.7	642.00	1671	0	139.46	255.0	90.5	100	125.6
	Sep 2022	708	11.9	640.01	1618	-54	138.39	255.0	88.3	100	124.7
<b>WY 2022</b>		<b>8352</b>							<b>1040.7</b>		
	Oct 2022	665	10.8	633.00	1434	-183	134.32	227.0	80.4	89	121.0
	Nov 2022	534	9.0	635.00	1486	51	132.58	159.8	63.8	63	119.4
	Dec 2022	390	6.3	639.51	1604	118	137.01	154.7	48.1	61	123.4
	Jan 2023	455	7.4	641.80	1666	62	139.92	156.3	57.4	61	126.1

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## February 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
*	Feb 2020	400	6.9	448.15	583	31	82.44	97.2	28.0	81	70.0
H	Mar 2020	455	7.4	446.04	543	-39	78.08	120.0	30.0	100	65.9
I	Apr 2020	642	10.8	447.41	569	25	81.56	120.0	44.4	100	69.2
S	May 2020	752	12.2	447.51	571	2	77.41	120.0	51.8	100	68.9
T	Jun 2020	700	11.8	447.85	577	6	79.56	120.0	48.8	100	69.7
O	Jul 2020	700	11.4	447.58	572	-5	81.49	120.0	48.6	100	69.3
R	Aug 2020	649	10.6	448.03	581	8	80.50	120.0	45.0	100	69.3
I	Sep 2020	542	9.1	446.61	554	-27	78.70	120.0	37.7	100	69.6
<b>WY 2020</b>		<b>6041</b>							<b>416.0</b>		
C	Oct 2020	448	7.3	447.77	576	22	81.85	90.0	32.2	75	71.8
A	Nov 2020	357	6.0	447.50	571	-5	81.16	90.0	23.9	75	66.9
L	Dec 2020	286	4.7	446.46	551	-19	80.52	118.1	19.7	98	68.9
*	Jan 2021	256	4.2	447.88	578	26	82.16	97.7	16.1	81	62.9
	Feb 2021	413	7.4	446.99	561	-17	75.86	97.2	27.0	81	65.5
	Mar 2021	634	10.3	447.50	571	10	74.64	120.0	41.3	100	65.2
	Apr 2021	711	12.0	448.70	593	23	75.47	120.0	47.0	100	66.1
	May 2021	681	11.1	448.70	593	0	76.05	120.0	45.2	100	66.4
	Jun 2021	691	11.6	448.70	593	0	76.05	120.0	45.9	100	66.5
	Jul 2021	680	11.1	448.00	580	-13	75.71	120.0	45.0	100	66.2
	Aug 2021	598	9.7	447.50	571	-9	75.13	120.0	39.2	100	65.5
	Sep 2021	512	8.6	447.50	570	0	74.89	120.0	33.3	100	65.0
<b>WY 2021</b>		<b>6266</b>							<b>415.8</b>		
	Oct 2021	482	7.8	447.50	571	0	76.29	90.0	31.9	75	66.0
	Nov 2021	354	6.0	447.50	571	0	75.98	96.0	22.9	80	64.8
	Dec 2021	244	4.0	446.50	552	-19	74.40	120.0	15.1	100	61.8
	Jan 2022	263	4.3	446.50	552	0	75.07	94.8	16.5	79	62.8
	Feb 2022	402	7.2	446.50	552	0	75.21	92.1	26.2	77	65.0
	Mar 2022	647	10.5	446.70	555	4	74.01	120.0	41.9	100	64.8
	Apr 2022	714	12.0	448.70	593	38	75.08	120.0	47.0	100	65.8
	May 2022	702	11.4	448.70	593	0	76.05	120.0	46.7	100	66.5
	Jun 2022	720	12.1	448.70	593	0	76.05	120.0	47.9	100	66.6
	Jul 2022	697	11.3	448.00	580	-13	75.71	120.0	46.1	100	66.2
	Aug 2022	621	10.1	447.50	571	-9	75.13	120.0	40.7	100	65.5
	Sep 2022	528	8.9	447.50	570	0	74.89	120.0	34.3	100	65.1
<b>WY 2022</b>		<b>6374</b>							<b>417.2</b>		
	Oct 2022	469	7.6	447.50	571	0	76.14	92.9	30.9	77	65.8
	Nov 2022	340	5.7	447.50	571	0	76.19	92.0	22.1	77	64.8
	Dec 2022	241	3.9	446.50	552	-19	74.82	110.3	15.0	92	62.1
	Jan 2023	311	5.1	446.50	552	0	75.12	93.9	19.8	78	63.6

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## February 2021 24-Month Study

Maximum Probable Inflow\*

### Upper Basin Power



— BUREAU OF —  
RECLAMATION

Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
* Feb 2020	296	47	12	14	4	4
H Mar 2020	307	46	11	13	7	4
<b>Winter 2020</b>	<b>1838</b>	<b>258</b>	<b>115</b>	<b>131</b>	<b>71</b>	<b>28</b>
I Apr 2020	276	44	21	25	16	5
S May 2020	276	37	23	37	19	7
T Jun 2020	290	58	24	28	18	8
O Jul 2020	335	35	27	32	18	9
R Aug 2020	367	43	28	32	19	7
I Sep 2020	262	37	23	28	11	2
<b>Summer 2020</b>	<b>1806</b>	<b>254</b>	<b>146</b>	<b>182</b>	<b>102</b>	<b>37</b>
C Oct 2020	277	24	18	22	9	0
A Nov 2020	275	20	5	7	3	1
L Dec 2020	304	24	5	7	3	3
* Jan 2021	319	24	5	6	3	3
Feb 2021	266	19	5	7	3	3
Mar 2021	274	23	6	8	0	3
<b>Winter 2021</b>	<b>1715</b>	<b>133</b>	<b>43</b>	<b>58</b>	<b>21</b>	<b>13</b>
Apr 2021	244	22	10	17	10	5
May 2021	247	28	17	29	19	6
Jun 2021	262	73	59	76	22	7
Jul 2021	312	30	24	30	16	8
Aug 2021	325	35	0	32	17	5
Sep 2021	251	33	0	31	9	3
<b>Summer 2021</b>	<b>1642</b>	<b>222</b>	<b>110</b>	<b>214</b>	<b>93</b>	<b>33</b>
Oct 2021	260	25	2	28	14	6
Nov 2021	259	37	8	10	6	6
Dec 2021	287	54	28	34	17	6
Jan 2022	342	54	15	18	10	5
Feb 2022	301	49	13	16	9	4
Mar 2022	316	48	14	19	10	4
<b>Winter 2022</b>	<b>1766</b>	<b>267</b>	<b>79</b>	<b>126</b>	<b>66</b>	<b>30</b>
Apr 2022	281	46	19	28	16	5
May 2022	289	55	57	108	23	7
Jun 2022	318	95	26	43	22	8
Jul 2022	370	27	24	31	18	8
Aug 2022	396	34	28	34	18	6
Sep 2022	296	34	24	29	8	3
<b>Summer 2022</b>	<b>1654</b>	<b>258</b>	<b>155</b>	<b>244</b>	<b>97</b>	<b>32</b>
Oct 2022	282	27	23	28	14	6
Nov 2022	281	37	9	11	6	6
Dec 2022	312	54	27	33	16	5
Jan 2023	368	54	14	18	9	5

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

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 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	BOM Space Required	Mead Sched Rel	Mead FC Rel	Sys Cont	
	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	MAF
<b>**** PREDICTED SPACE ****</b>								<b>**** EFFECTIVE SPACE ****</b>											
Feb 2021	782	429	631	14684	16526	16867	33393	521	348	485	1354	14684	16867	32905	1500	537	0	27.1	
Mar 2021	807	428	637	15061	16934	16661	33595	544	349	490	1382	15061	16661	33104	1500	938	0	26.7	
Apr 2021	804	418	629	15377	17227	16804	34031	536	340	475	1351	15377	16804	33532	1500	1032	0	26.6	
May 2021	742	368	540	15401	17051	17152	34203	466	289	363	1118	15401	17152	33671	1500	952	0	27.5	
Jun 2021	572	223	395	14641	15831	17450	33282	284	127	180	590	14641	17450	32682	1500	878	0	28.8	
Jul 2021	415	156	307	13466	14343	17701	32044	111	30	36	177	13466	17701	31343	1500	796	0	28.7	
<b>**** CREDITABLE SPACE ****</b>								<b>**** EFFECTIVE SPACE ****</b>											
Aug 2021	322	121	331	13563	14337	17746	32083	322	121	331	775	13563	17746	32083	1500	743	0	28.4	
Sep 2021	344	131	358	13853	14686	17705	32391	344	131	358	833	13853	17705	32391	2270	657	0	28.0	
Oct 2021	392	163	356	13978	14889	17755	32643	392	163	356	911	13978	17755	32643	3040	545	0	27.9	
Nov 2021	402	195	339	14020	14956	17642	32598	402	195	339	936	14020	17642	32598	3810	595	0	27.9	
Dec 2021	455	188	340	14130	15113	17586	32699	455	188	340	983	14130	17586	32699	4580	488	0	27.9	
Jan 2022	575	253	345	14273	15446	17360	32806	575	253	345	1173	14273	17360	32806	5350	478	0	27.9	
<b>**** EFFECTIVE SPACE ****</b>								<b>**** EFFECTIVE SPACE ****</b>											
Jan 2022	575	253	345	14273	15446	17360	32806	373	159	113	645	14273	17360	32278	5350	478	0	27.9	
Feb 2022	689	276	354	14579	15897	16957	32855	487	184	121	791	14579	16957	32327	1500	577	0	27.8	
Mar 2022	784	295	349	14794	16222	16718	32941	582	204	116	901	14794	16718	32413	1500	955	0	27.6	
Apr 2022	820	304	293	14890	16307	16829	33136	615	213	52	880	14890	16829	32600	1500	980	0	27.9	
May 2022	803	279	191	14581	15854	17059	32914	593	186	-73	706	14581	17059	32347	1500	958	0	29.6	
Jun 2022	655	431	226	12557	13869	17316	31185	434	320	-77	677	12557	17316	30550	1500	915	0	32.0	
Jul 2022	458	216	332	10308	11316	17536	28852	219	69	-27	261	10308	17536	28106	1500	803	0	32.6	
<b>**** CREDITABLE SPACE ****</b>								<b>**** EFFECTIVE SPACE ****</b>											
Aug 2022	263	149	419	9851	10683	17525	28208	263	149	419	831	9851	17525	28208	1500	755	0	32.4	
Sep 2022	262	155	433	10116	10965	17406	28371	262	155	433	850	10116	17406	28371	2270	687	0	32.1	
Oct 2022	306	181	425	10268	11180	17437	28616	306	181	425	912	10268	17437	28616	3040	507	0	32.0	
Nov 2022	326	213	409	10323	11271	17307	28578	326	213	409	948	10323	17307	28578	3810	614	0	31.9	
Dec 2022	386	211	411	10455	11463	17275	28737	386	211	411	1007	10455	17275	28737	4580	529	0	31.8	
Jan 2023	512	275	417	10628	11831	17087	28918	512	275	417	1204	10628	17087	28918	5350	548	0	31.7	
<b>**** EFFECTIVE SPACE ****</b>								<b>**** EFFECTIVE SPACE ****</b>											
Jan 2023	512	275	417	10628	11831	17087	28918	182	207	150	539	10628	17087	28254	5350	548	0	31.7	

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