To: All Annual Operating Plan Recipients

From: Lower Colorado Basin Region
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The operation of Lake Powell and Lake Mead in this October 2020 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2020 Annual Operating Plan (AOP) and draft 2021 AOP. Pursuant to the Interim Guidelines, the August 2020 24-Month Study projections of the January 1, 2021, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2021.

The August 2020 24-Month Study projected the January 1, 2020, Lake Powell elevation to be below the 2021 Equalization Elevation of 3,659 feet and above elevation 3,575 feet. Consistent with Section 6.B of the Interim Guidelines, Lake Powell will operate in the Upper Elevation Balancing Tier for water year 2021, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2021. This October 2020 24-Month Study indicates that, consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is projected to occur and the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.00 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this October 24-Month Study projects a balancing release of 9.00 maf in water year 2021.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar years 2020 and 2021. In addition, Section III.B of Exhibit 1 to the Lower Basin Drought Contingency Plan (DCP) Agreement is also governing the operation of Lake Mead in calendar years 2020 and 2021.

The 2021 operational tier determinations for Lake Powell and Lake Mead will be documented in the 2021 AOP, which is currently in development.

The 2020 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/aop/AOP20.pdf.
The Draft 2021 AOP is available for download at:
https://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP21_draft.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.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows. The observed unregulated inflow into Lake Powell for the month of September was 0.046 maf or 11 percent of the 30-year average from 1981 to 2010. The October unregulated inflow forecast for Lake Powell is 0.250 maf or 49 percent of the 30-year average. The observed 2020 April through July unregulated inflow is 3.758 maf or 52 percent of average.

In this study, the calendar year 2020 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.831 maf. The calendar year 2020 diversion for the Central Arizona Project (CAP) is forecasted to be 1.367 maf. Consumptive use for Nevada above Hoover (SNWP Use) is forecasted to be 0.248 maf for calendar year 2020.

Due to changing Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes. This study reflects these changes in the projections.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Lower Colorado Region's Power Office, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Colleen Dwyer at (702) 293-8420.

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

October 2020 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	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)
*	Oct 2019	50	1	61	7	67	6493.83	253
H	Nov 2019	46	1	63	0	63	6491.39	236
I	Dec 2019	36	1	64	0	64	6487.01	208
S	Jan 2020	34	1	64	0	64	6481.89	177
T	Feb 2020	32	1	60	0	60	6476.34	147
O	Mar 2020	54	1	65	0	65	6473.94	136
R	Apr 2020	83	1	73	0	73	6475.89	145
I	May 2020	161	1	101	0	101	6486.37	203
C	Jun 2020	288	2	107	73	180	6501.43	309
A	Jul 2020	145	3	99	23	121	6504.12	330
L	Aug 2020	41	2	74	0	74	6499.62	295
*	Sep 2020	25	2	26	35	61	6494.55	258
	WY 2020	**996**	**15**	**856**	**137**	**993**		
	Oct 2020	33	1	25	31	55	6491.17	236
	Nov 2020	35	1	57	0	57	6487.76	214
	Dec 2020	30	1	58	0	58	6483.12	185
	Jan 2021	28	1	58	0	58	6477.45	154
	Feb 2021	26	0	53	0	53	6471.67	126
	Mar 2021	43	0	60	0	60	6467.65	109
	Apr 2021	70	1	60	0	60	6470.05	119
	May 2021	120	1	62	0	62	6481.68	176
	Jun 2021	240	2	103	15	118	6499.67	296
	Jul 2021	160	3	102	25	127	6503.66	327
	Aug 2021	60	2	67	0	67	6502.51	318
	Sep 2021	45	2	20	40	60	6500.38	302
	WY 2021	**890**	**15**	**722**	**110**	**833**		
	Oct 2021	45	1	61	0	61	6498.07	285
	Nov 2021	44	1	73	0	73	6493.89	255
	Dec 2021	33	1	75	0	75	6487.42	211
	Jan 2022	31	1	75	0	75	6479.97	167
	Feb 2022	29	0	68	0	68	6471.71	127
	Mar 2022	53	0	70	0	70	6467.49	109
	Apr 2022	82	1	73	0	73	6469.64	118
	May 2022	169	1	91	0	91	6484.64	194
	Jun 2022	278	2	103	70	173	6499.64	296
	Jul 2022	164	3	103	42	145	6501.79	313
	Aug 2022	71	2	65	0	65	6502.18	316
	Sep 2022	44	2	60	0	60	6499.90	298
	WY 2022	**1042**	**15**	**919**	**112**	**1031**		

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

October 2020 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Oct 2019	53	70	7	80	0	80	136	6031.13	3393	109
H	Nov 2019	63	79	4	81	0	81	136	6030.99	3387	115
I	Dec 2019	39	67	2	128	0	128	134	6029.43	3327	169
S	Jan 2020	49	80	2	133	0	133	132	6028.03	3274	168
T	Feb 2020	47	76	2	124	0	124	130	6026.75	3225	157
O	Mar 2020	106	117	3	119	0	119	130	6026.61	3220	228
R	Apr 2020	114	104	5	112	0	112	129	6026.26	3207	308
I	May 2020	218	158	8	98	31	129	130	6026.81	3228	672
C	Jun 2020	343	236	10	157	31	188	131	6027.76	3263	530
A	Jul 2020	158	134	13	90	0	90	133	6028.55	3293	131
L	Aug 2020	35	67	12	112	0	112	130	6027.10	3238	124
*	Sep 2020	28	64	11	98	0	98	129	6025.93	3195	112
	WY 2020	**1253**	**1251**	**80**	**1333**	**62**	**1395**				**2825**
	Oct 2020	38	60	7	64	0	64	128	6025.64	3184	79
	Nov 2020	42	64	3	54	0	54	128	6025.81	3190	79
	Dec 2020	32	60	2	59	0	59	128	6025.80	3190	81
	Jan 2021	34	64	2	59	0	59	129	6025.90	3194	81
	Feb 2021	36	63	2	53	0	53	129	6026.09	3201	73
	Mar 2021	85	102	3	82	0	82	129	6026.51	3216	147
	Apr 2021	110	100	5	79	0	79	130	6026.90	3231	254
	May 2021	160	102	8	70	0	70	131	6027.52	3254	520
	Jun 2021	275	153	10	125	0	125	132	6027.94	3270	560
	Jul 2021	180	147	14	65	0	65	134	6029.65	3335	135
	Aug 2021	70	77	13	92	0	92	133	6028.94	3308	113
	Sep 2021	53	68	11	89	0	89	132	6028.11	3276	104
	WY 2021	**1115**	**1058**	**79**	**893**	**0**	**893**				**2228**
	Oct 2021	56	72	7	81	0	81	131	6027.69	3261	115
	Nov 2021	51	80	3	78	0	78	131	6027.65	3259	113
	Dec 2021	33	76	2	92	0	92	130	6027.18	3241	119
	Jan 2022	40	84	2	92	0	92	130	6026.93	3232	119
	Feb 2022	44	83	2	83	0	83	130	6026.87	3230	108
	Mar 2022	95	112	3	112	0	112	130	6026.80	3227	191
	Apr 2022	125	116	5	109	0	109	130	6026.86	3229	316
	May 2022	246	169	8	78	0	78	133	6028.97	3309	592
	Jun 2022	360	255	10	282	7	290	131	6027.83	3266	688
	Jul 2022	184	165	14	70	0	70	135	6029.88	3344	144
	Aug 2022	80	75	13	85	0	85	134	6029.31	3323	109
	Sep 2022	50	66	11	94	0	94	132	6028.31	3284	108
	WY 2022	**1365**	**1354**	**80**	**1258**	**7**	**1265**				**2723**

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

October 2020 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2019	7	11	9314.37	77
H	Nov 2019	5	6	9313.66	76
I	Dec 2019	5	6	9313.35	75
S	Jan 2020	4	6	9312.52	74
T	Feb 2020	4	6	9311.72	73
O	Mar 2020	5	6	9310.81	71
R	Apr 2020	7	6	9311.67	73
I	May 2020	24	10	9319.44	86
C	Jun 2020	22	16	9322.93	92
A	Jul 2020	8	17	9317.91	83
L	Aug 2020	4	14	9311.83	73
*	Sep 2020	6	9	9309.62	69
	WY 2020	**102**	**113**		
	Oct 2020	4	7	9307.77	66
	Nov 2020	4	5	9306.95	65
	Dec 2020	4	5	9305.82	63
	Jan 2021	3	5	9304.33	61
	Feb 2021	2	5	9302.66	59
	Mar 2021	3	5	9301.09	57
	Apr 2021	5	10	9297.36	52
	May 2021	23	14	9303.92	61
	Jun 2021	37	20	9314.72	78
	Jul 2021	15	24	9309.53	69
	Aug 2021	8	19	9302.17	58
	Sep 2021	6	18	9293.34	47
	WY 2021	**114**	**137**		
	Oct 2021	6	12	9288.38	41
	Nov 2021	5	5	9288.15	41
	Dec 2021	5	5	9287.68	40
	Jan 2022	4	5	9286.82	39
	Feb 2022	4	5	9286.04	39
	Mar 2022	5	5	9285.35	38
	Apr 2022	9	10	9284.35	37
	May 2022	27	14	9295.91	50
	Jun 2022	42	20	9311.25	72
	Jul 2022	16	24	9306.25	64
	Aug 2022	9	19	9299.22	54
	Sep 2022	7	18	9290.97	44
	WY 2022	**138**	**141**		

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

October 2020 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	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)
*	Oct 2019	28	32	1	63	3	85	7502.51	682
H	Nov 2019	31	32	0	54	0	72	7497.63	642
I	Dec 2019	30	30	0	70	0	85	7490.79	588
S	Jan 2020	26	28	0	44	0	61	7486.45	554
T	Feb 2020	23	25	0	30	0	41	7484.20	537
O	Mar 2020	34	36	0	38	0	38	7483.85	534
R	Apr 2020	50	49	1	73	0	73	7480.49	510
I	May 2020	153	140	1	82	17	99	7485.88	550
C	Jun 2020	139	131	1	83	3	85	7491.64	594
A	Jul 2020	46	55	1	92	1	92	7486.61	555
L	Aug 2020	26	36	1	95	0	95	7478.53	495
*	Sep 2020	23	26	1	80	2	82	7470.42	439
	WY 2020	**608**	**620**	**8**	**805**	**26**	**909**		
	Oct 2020	24	27	0	70	0	70	7463.77	395
	Nov 2020	22	23	0	15	0	15	7465.03	403
	Dec 2020	20	22	0	15	0	15	7465.99	409
	Jan 2021	18	20	0	16	0	16	7466.56	413
	Feb 2021	16	18	0	14	0	14	7467.15	417
	Mar 2021	27	29	0	0	18	18	7468.77	428
	Apr 2021	55	60	1	0	39	39	7471.83	448
	May 2021	170	161	1	6	28	34	7489.12	575
	Jun 2021	230	213	1	151	0	151	7496.74	635
	Jul 2021	90	99	1	71	0	71	7499.91	661
	Aug 2021	50	61	1	76	0	76	7497.91	644
	Sep 2021	33	45	1	73	0	73	7494.20	614
	WY 2021	**755**	**778**	**8**	**510**	**84**	**594**		
	Oct 2021	35	40	1	70	0	70	7490.43	585
	Nov 2021	30	30	0	15	0	15	7492.36	600
	Dec 2021	27	27	0	32	0	32	7491.71	595
	Jan 2022	25	26	0	32	0	32	7490.91	588
	Feb 2022	23	24	0	28	0	28	7490.27	583
	Mar 2022	37	38	0	33	0	33	7490.89	588
	Apr 2022	78	79	1	52	0	52	7494.25	615
	May 2022	199	186	1	206	32	238	7487.48	562
	Jun 2022	262	240	1	37	0	37	7511.93	763
	Jul 2022	98	106	2	80	0	80	7514.64	787
	Aug 2022	59	69	1	84	0	84	7512.81	770
	Sep 2022	38	48	1	82	0	82	7508.72	735
	WY 2022	**910**	**913**	**9**	**752**	**32**	**784**		

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

October 2020 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	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)
*	Oct 2019	29	85	1	86	78	0	89	7147.86	107
H	Nov 2019	31	72	1	72	71	0	71	7148.85	108
I	Dec 2019	30	85	1	85	85	0	85	7149.10	108
S	Jan 2020	27	61	1	61	63	0	63	7147.47	107
T	Feb 2020	23	41	0	41	41	0	41	7147.88	107
O	Mar 2020	36	38	2	40	42	0	42	7145.65	106
R	Apr 2020	54	73	4	77	76	0	76	7147.10	107
I	May 2020	162	99	10	109	109	0	109	7146.72	107
C	Jun 2020	142	85	4	89	85	0	85	7152.13	111
A	Jul 2020	47	92	1	93	93	0	93	7152.06	111
L	Aug 2020	27	95	1	96	95	0	97	7151.26	110
*	Sep 2020	23	82	1	83	80	0	84	7149.87	109
	WY 2020	**632**	**909**	**24**	**933**	**917**	**0**	**933**		
	Oct 2020	25	70	1	71	73	0	73	7147.94	107
	Nov 2020	24	15	2	17	17	0	17	7147.94	107
	Dec 2020	22	15	2	17	17	0	17	7147.94	107
	Jan 2021	19	16	1	17	17	0	17	7147.94	107
	Feb 2021	17	14	1	15	15	0	15	7147.94	107
	Mar 2021	30	18	3	21	21	0	21	7147.94	107
	Apr 2021	65	39	10	49	49	0	49	7147.94	107
	May 2021	190	34	20	54	54	0	54	7147.94	107
	Jun 2021	250	151	20	171	171	0	171	7147.94	107
	Jul 2021	95	71	5	76	76	0	76	7147.94	107
	Aug 2021	53	76	3	79	79	0	79	7147.94	107
	Sep 2021	35	73	2	75	75	0	75	7147.94	107
	WY 2021	**825**	**594**	**70**	**664**	**665**	**0**	**665**		
	Oct 2021	37	70	2	72	72	0	72	7147.94	107
	Nov 2021	32	15	2	17	17	0	17	7147.94	107
	Dec 2021	28	32	2	34	34	0	34	7147.94	107
	Jan 2022	27	32	2	34	34	0	34	7147.94	107
	Feb 2022	25	28	2	31	31	0	31	7147.94	107
	Mar 2022	41	33	4	36	36	0	36	7147.94	107
	Apr 2022	89	52	11	62	62	0	62	7147.94	107
	May 2022	220	238	21	259	259	0	259	7147.94	107
	Jun 2022	280	37	18	56	56	0	56	7147.94	107
	Jul 2022	102	80	4	84	84	0	84	7147.94	107
	Aug 2022	62	84	2	87	86	0	86	7147.94	107
	Sep 2022	40	82	2	85	84	0	84	7147.94	107
	WY 2022	**982**	**784**	**71**	**855**	**854**	**0**	**854**		

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

October 2020 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	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)
*	Oct 2019	33	89	3	92	92	0	92	6749.75	16	64	29
H	Nov 2019	35	71	4	75	76	0	76	6746.90	15	2	72
I	Dec 2019	35	85	4	89	89	0	89	6746.40	15	0	86
S	Jan 2020	31	63	4	67	58	9	67	6745.61	15	1	64
T	Feb 2020	26	41	3	44	24	19	43	6748.71	16	1	43
O	Mar 2020	42	42	6	47	45	1	46	6754.38	17	11	33
R	Apr 2020	59	76	5	81	81	0	81	6754.37	17	55	26
I	May 2020	174	109	12	121	99	14	121	6754.46	17	65	54
C	Jun 2020	148	85	6	91	92	0	93	6747.34	15	62	32
A	Jul 2020	48	93	2	95	94	0	94	6750.20	16	65	32
L	Aug 2020	27	97	1	97	97	0	97	6750.09	16	64	35
*	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**
	Oct 2020	27	73	2	75	75	0	75	6749.63	16	30	45
	Nov 2020	27	17	3	20	20	0	20	6749.63	16	0	20
	Dec 2020	25	17	3	20	20	0	20	6749.63	16	0	20
	Jan 2021	22	17	3	20	20	0	20	6749.63	16	0	20
	Feb 2021	20	15	3	18	18	0	18	6749.63	16	0	18
	Mar 2021	34	21	4	25	25	0	25	6749.63	16	5	20
	Apr 2021	75	49	10	59	59	0	59	6749.63	16	42	17
	May 2021	215	54	25	79	79	0	79	6749.63	16	62	17
	Jun 2021	280	171	30	201	132	70	201	6749.63	16	61	140
	Jul 2021	105	76	10	86	86	0	86	6749.63	16	65	21
	Aug 2021	60	79	7	86	86	0	86	6749.63	16	65	21
	Sep 2021	40	75	5	80	52	28	80	6749.63	16	55	25
	WY 2021	**930**	**665**	**105**	**770**	**672**	**98**	**769**			**385**	**384**
	Oct 2021	43	72	5	77	77	0	77	6749.63	16	30	47
	Nov 2021	36	17	5	21	21	0	21	6749.63	16	0	21
	Dec 2021	33	34	5	38	38	0	38	6749.63	16	0	38
	Jan 2022	31	34	4	38	38	0	38	6749.63	16	0	38
	Feb 2022	29	31	4	34	34	0	34	6749.63	16	0	34
	Mar 2022	47	36	6	42	42	0	42	6749.63	16	5	37
	Apr 2022	100	62	12	74	74	0	74	6749.63	16	42	32
	May 2022	247	259	27	285	136	149	285	6749.63	16	62	223
	Jun 2022	311	56	32	87	87	0	87	6749.63	16	61	26
	Jul 2022	110	84	9	92	92	0	92	6749.63	16	65	27
	Aug 2022	68	86	7	93	93	0	93	6749.63	16	65	28
	Sep 2022	46	84	6	90	48	42	90	6749.63	16	55	35
	WY 2022	**1101**	**854**	**120**	**974**	**782**	**192**	**974**			**385**	**589**

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

October 2020 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2019	4	13	7643.13	71
H	Nov 2019	4	2	7644.14	73
I	Dec 2019	4	2	7645.07	75
S	Jan 2020	5	2	7646.26	78
T	Feb 2020	4	2	7647.01	80
O	Mar 2020	6	2	7648.55	84
R	Apr 2020	16	4	7653.32	95
I	May 2020	66	37	7664.35	124
C	Jun 2020	38	48	7660.61	114
A	Jul 2020	11	38	7649.57	86
L	Aug 2020	5	36	7635.21	54
*	Sep 2020	4	28	7620.77	30
	WY 2020	**167**	**213**		
	Oct 2020	5	12	7614.95	23
	Nov 2020	4	2	7616.19	24
	Dec 2020	4	2	7617.90	27
	Jan 2021	4	2	7619.54	29
	Feb 2021	3	2	7620.49	30
	Mar 2021	5	2	7622.64	33
	Apr 2021	12	2	7628.89	43
	May 2021	46	31	7636.70	58
	Jun 2021	58	43	7643.66	72
	Jul 2021	24	42	7635.08	54
	Aug 2021	16	38	7622.14	32
	Sep 2021	14	30	7608.84	17
	WY 2021	**195**	**206**		
	Oct 2021	12	17	7602.69	11
	Nov 2021	8	2	7609.52	17
	Dec 2021	7	2	7614.25	22
	Jan 2022	6	2	7617.45	26
	Feb 2022	5	2	7620.13	29
	Mar 2022	9	2	7625.15	37
	Apr 2022	23	2	7636.73	58
	May 2022	69	31	7653.28	95
	Jun 2022	68	43	7662.75	120
	Jul 2022	24	42	7655.86	102
	Aug 2022	17	38	7647.21	81
	Sep 2022	18	29	7642.17	69
	WY 2022	**266**	**211**		

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

Model Run ID: 3127

Processed On: 10/14/2020 1:18:16PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

October 2020 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	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)
*	Oct 2019	5	0	14	2	6	32	6061.08	1362	47
H	Nov 2019	15	0	13	1	0	25	6060.04	1348	46
I	Dec 2019	17	0	15	1	1	36	6058.25	1326	59
S	Jan 2020	16	0	14	1	1	31	6056.81	1308	44
T	Feb 2020	17	0	15	1	3	24	6055.76	1295	37
O	Mar 2020	36	2	30	2	5	26	6055.57	1292	35
R	Apr 2020	80	11	60	2	25	29	6055.92	1297	37
I	May 2020	199	27	142	4	37	32	6061.48	1367	122
C	Jun 2020	65	8	64	4	41	31	6060.49	1354	96
A	Jul 2020	3	1	29	4	47	47	6054.99	1285	59
L	Aug 2020	-15	0	16	3	44	52	6048.01	1202	49
*	Sep 2020	-7	0	17	2	21	47	6043.32	1149	47
	WY 2020	**431**	**48**	**429**	**27**	**230**	**411**			**678**
	Oct 2020	12	0	19	2	9	31	6041.30	1127	42
	Nov 2020	18	0	16	1	0	21	6040.83	1122	32
	Dec 2020	17	0	15	1	0	22	6040.16	1115	32
	Jan 2021	16	0	14	1	0	22	6039.40	1106	31
	Feb 2021	20	0	19	1	0	19	6039.25	1105	28
	Mar 2021	52	3	46	1	6	22	6040.89	1122	37
	Apr 2021	105	11	84	2	22	21	6044.45	1162	50
	May 2021	185	23	147	3	37	22	6051.88	1248	122
	Jun 2021	175	21	138	4	53	22	6056.77	1307	134
	Jul 2021	40	1	56	4	57	24	6054.43	1279	73
	Aug 2021	32	1	53	3	48	29	6052.18	1251	59
	Sep 2021	33	1	47	3	26	24	6051.72	1246	49
	WY 2021	**705**	**61**	**656**	**25**	**258**	**276**			**686**
	Oct 2021	38	1	42	2	9	21	6052.54	1256	42
	Nov 2021	26	0	20	1	0	21	6052.42	1254	38
	Dec 2021	25	0	20	1	0	21	6052.25	1252	37
	Jan 2022	22	0	18	1	0	21	6051.88	1248	36
	Feb 2022	30	0	26	1	0	19	6052.36	1254	32
	Mar 2022	96	9	79	2	6	21	6056.53	1304	45
	Apr 2022	152	18	113	2	22	24	6061.65	1369	74
	May 2022	266	35	193	4	37	31	6070.76	1491	171
	Jun 2022	212	27	161	5	54	30	6075.85	1564	182
	Jul 2022	48	2	64	5	58	31	6073.78	1534	90
	Aug 2022	30	1	49	4	48	31	6071.40	1500	64
	Sep 2022	41	1	51	3	26	137	6062.86	1385	168
	WY 2022	**987**	**95**	**836**	**29**	**260**	**409**			**979**

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

October 2020 24-Month Study

Most Probable Inflow*

Lake Powell

	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)
*	Oct 2019	265	397	35	625	0	625	3612.99	5096	13034	633
H	Nov 2019	404	466	34	626	0	626	3611.23	5082	12855	630
I	Dec 2019	353	506	27	750	0	750	3608.74	5062	12604	756
S	Jan 2020	277	419	8	760	0	760	3605.48	5036	12281	768
T	Feb 2020	288	393	9	675	0	675	3602.72	5015	12011	687
O	Mar 2020	475	505	15	700	0	700	3600.71	4999	11818	719
R	Apr 2020	475	510	23	630	0	630	3599.32	4989	11685	652
I	May 2020	1541	1253	27	629	0	629	3605.05	5033	12239	651
C	Jun 2020	1453	1293	45	650	0	650	3610.62	5077	12793	663
A	Jul 2020	290	332	53	750	0	750	3606.25	5042	12357	774
L	Aug 2020	-20	200	51	833	0	833	3599.72	4992	11723	861
*	Sep 2020	47	267	46	602	0	602	3595.98	4963	11371	620
	WY 2020	**5848**	**6543**	**372**	**8230**	**0**	**8230**				**8413**
	Oct 2020	250	352	31	640	0	640	3592.79	4940	11075	649
	Nov 2020	310	317	29	640	0	640	3589.21	4914	10749	642
	Dec 2020	270	297	23	720	0	720	3584.57	4881	10336	725
	Jan 2021	280	309	7	860	0	860	3578.59	4839	9820	871
	Feb 2021	290	305	7	750	0	750	3573.60	4806	9401	760
	Mar 2021	490	456	12	800	0	800	3569.57	4779	9072	814
	Apr 2021	680	581	18	700	0	700	3567.99	4769	8945	716
	May 2021	1550	1219	21	700	0	700	3573.66	4806	9406	716
	Jun 2021	2250	1943	36	740	0	740	3586.28	4893	10487	757
	Jul 2021	820	729	45	870	0	870	3584.32	4879	10314	894
	Aug 2021	385	479	44	890	0	890	3579.45	4845	9892	910
	Sep 2021	325	420	40	690	0	690	3576.06	4822	9606	704
	WY 2021	**7900**	**7407**	**313**	**9000**	**0**	**9000**				**9158**
	Oct 2021	424	478	27	480	0	480	3575.73	4820	9578	489
	Nov 2021	437	444	26	500	0	500	3574.82	4814	9502	502
	Dec 2021	364	425	21	600	0	600	3572.62	4799	9321	605
	Jan 2022	355	414	6	720	0	720	3569.07	4776	9032	731
	Feb 2022	399	434	6	640	0	640	3566.61	4761	8835	650
	Mar 2022	653	606	11	675	0	675	3565.66	4755	8761	689
	Apr 2022	945	814	18	600	0	600	3567.96	4769	8943	616
	May 2022	2213	1920	22	600	0	600	3582.38	4865	10145	616
	Jun 2022	2595	2198	39	630	0	630	3598.00	4978	11560	647
	Jul 2022	898	808	49	710	0	710	3598.47	4982	11605	734
	Aug 2022	445	525	49	760	0	760	3595.67	4961	11342	780
	Sep 2022	386	598	45	565	0	565	3595.56	4960	11331	579
	WY 2022	**10114**	**9664**	**321**	**7480**	**0**	**7480**				**7638**

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

Model Run ID: 3127

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

October 2020 24-Month Study

Most 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)
*	Oct 2019	625	34	43	626	10.2	25	621	665	1082.61	10228
H	Nov 2019	626	116	40	575	9.7	13	553	672	1083.85	10333
I	Dec 2019	750	118	37	220	3.6	7	214	708	1090.49	10899
S	Jan 2020	760	75	31	405	6.6	9	404	732	1094.68	11265
T	Feb 2020	675	68	29	557	9.7	9	550	741	1096.27	11405
O	Mar 2020	700	156	33	593	9.6	12	568	755	1098.59	11610
R	Apr 2020	630	83	41	862	14.5	18	847	742	1096.39	11415
I	May 2020	629	33	46	1057	17.2	32	1054	713	1091.32	10971
C	Jun 2020	650	19	55	973	16.4	31	973	689	1087.07	10605
A	Jul 2020	750	35	68	902	14.7	36	901	676	1084.63	10398
L	Aug 2020	833	69	72	847	13.8	37	845	673	1084.04	10349
*	Sep 2020	602	57	59	646	10.9	29	645	668	1083.21	10279
	WY 2020	**8230**	**863**	**553**	**8263**		**256**	**8176**			
	Oct 2020	640	75	43	760	12.4	19	760	662	1082.01	10178
	Nov 2020	640	68	43	702	11.8	11	702	659	1081.48	10134
	Dec 2020	720	64	37	427	7.0	5	427	678	1084.99	10429
	Jan 2021	860	95	31	517	8.4	11	517	702	1089.35	10801
	Feb 2021	750	101	28	518	9.3	11	518	720	1092.53	11077
	Mar 2021	800	91	32	967	15.7	15	967	713	1091.21	10962
	Apr 2021	700	69	39	1031	17.3	21	1031	693	1087.70	10659
	May 2021	700	49	45	992	16.1	27	992	674	1084.21	10363
	Jun 2021	740	28	54	946	15.9	28	946	658	1081.31	10120
	Jul 2021	870	73	67	826	13.4	28	826	659	1081.56	10140
	Aug 2021	890	91	71	785	12.8	28	785	665	1082.63	10230
	Sep 2021	690	75	59	712	12.0	25	712	663	1082.28	10201
	WY 2021	**9000**	**878**	**547**	**9185**		**228**	**9185**			
	Oct 2021	480	75	43	520	8.5	24	520	661	1081.94	10172
	Nov 2021	500	68	42	638	10.7	17	638	653	1080.48	10051
	Dec 2021	600	64	37	476	7.7	12	476	662	1082.05	10181
	Jan 2022	720	95	30	518	8.4	11	518	677	1084.90	10421
	Feb 2022	640	101	28	520	9.4	11	520	689	1086.92	10593
	Mar 2022	675	91	31	969	15.8	15	969	673	1084.15	10358
	Apr 2022	600	69	38	1034	17.4	22	1034	647	1079.37	9959
	May 2022	600	49	43	995	16.2	29	995	622	1074.57	9566
	Jun 2022	630	28	51	949	15.9	29	949	599	1070.24	9218
	Jul 2022	710	73	63	828	13.5	29	828	591	1068.60	9089
	Aug 2022	760	91	67	787	12.8	30	787	589	1068.21	9058
	Sep 2022	565	75	55	715	12.0	26	715	579	1066.35	8912
	WY 2022	**7480**	**878**	**530**	**8949**		**253**	**8949**			

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

Model Run ID: 3127

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

October 2020 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	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)
*	Oct 2019	626	-24	15	589	0	589	9.6	638.28	1572
H	Nov 2019	575	-4	11	457	0	457	7.7	642.13	1675
I	Dec 2019	220	0	9	248	0	248	4.0	640.77	1638
S	Jan 2020	405	0	10	380	0	380	6.2	641.32	1653
T	Feb 2020	557	-3	10	523	0	523	9.1	642.10	1674
O	Mar 2020	593	3	13	549	0	549	8.9	643.32	1708
R	Apr 2020	862	4	17	861	0	861	14.5	642.91	1696
I	May 2020	1057	-2	22	1025	0	1025	16.7	643.17	1703
C	Jun 2020	973	-10	25	932	0	933	15.7	643.34	1708
A	Jul 2020	902	-4	25	884	0	884	14.4	642.91	1696
L	Aug 2020	847	-10	23	822	0	822	13.4	642.61	1688
*	Sep 2020	646	1	18	791	0	791	13.3	636.50	1525
	WY 2020	**8263**	**-51**	**198**	**8063**	**0**	**8063**			
	Oct 2020	760	-10	15	748	0	748	12.2	636.00	1512
	Nov 2020	702	-19	10	621	0	621	10.4	638.00	1564
	Dec 2020	427	-12	9	366	0	366	6.0	639.51	1604
	Jan 2021	517	-21	10	425	0	425	6.9	641.80	1666
	Feb 2021	518	-10	10	498	0	498	9.0	641.80	1666
	Mar 2021	967	-12	13	908	0	908	14.8	643.05	1700
	Apr 2021	1031	-12	17	1003	0	1003	16.9	643.00	1699
	May 2021	992	-10	22	960	0	960	15.6	643.00	1699
	Jun 2021	946	-15	25	906	0	906	15.2	643.00	1699
	Jul 2021	826	-12	25	816	0	816	13.3	642.00	1671
	Aug 2021	785	-12	23	750	0	750	12.2	642.00	1671
	Sep 2021	712	-15	18	733	0	733	12.3	640.01	1618
	WY 2021	**9185**	**-159**	**197**	**8735**	**0**	**8735**			
	Oct 2021	520	-10	15	678	0	678	11.0	633.00	1434
	Nov 2021	638	-19	10	558	0	558	9.4	635.00	1486
	Dec 2021	476	-12	9	336	0	336	5.5	639.51	1604
	Jan 2022	518	-21	10	426	0	426	6.9	641.80	1666
	Feb 2022	520	-10	10	499	0	499	9.0	641.80	1666
	Mar 2022	969	-12	13	910	0	910	14.8	643.05	1700
	Apr 2022	1034	-12	17	1006	0	1006	16.9	643.00	1699
	May 2022	995	-10	22	963	0	963	15.7	643.00	1699
	Jun 2022	949	-15	25	909	0	909	15.3	643.00	1699
	Jul 2022	828	-12	25	818	0	818	13.3	642.00	1671
	Aug 2022	787	-12	23	752	0	752	12.2	642.00	1671
	Sep 2022	715	-15	18	736	0	736	12.4	640.01	1618
	WY 2022	**8949**	**-159**	**197**	**8592**	**0**	**8592**			

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

October 2020 24-Month Study

Most 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)
*	Oct 2019	589	18	12	430	7.0	30	151	447.77	576	68	1.1
H	Nov 2019	457	22	9	300	5.0	16	125	449.10	601	118	2.0
I	Dec 2019	248	20	7	159	2.6	46	72	448.16	583	109	1.8
S	Jan 2020	380	1	6	311	5.1	17	75	446.50	552	106	1.7
T	Feb 2020	523	-3	8	400	6.9	3	75	448.15	583	138	2.4
O	Mar 2020	549	15	9	455	7.4	43	94	446.04	543	198	3.2
R	Apr 2020	861	29	11	642	10.8	55	148	447.41	569	171	2.9
I	May 2020	1025	-6	13	752	12.2	61	180	447.51	571	132	2.1
C	Jun 2020	933	-5	15	700	11.8	94	103	447.85	577	142	2.4
A	Jul 2020	884	2	17	700	11.4	95	69	447.58	572	156	2.5
L	Aug 2020	822	2	17	649	10.6	79	61	448.03	581	131	2.1
*	Sep 2020	791	5	15	542	9.1	92	164	446.61	554	116	2.0
	WY 2020	**8063**	**100**	**139**	**6041**		**631**	**1319**			**1584**	
	Oct 2020	748	24	12	464	7.5	99	175	447.50	570	63	1.0
	Nov 2020	621	16	9	369	6.2	95	159	447.50	570	90	1.5
	Dec 2020	366	22	7	235	3.8	98	64	446.50	552	93	1.5
	Jan 2021	425	20	6	255	4.2	94	85	446.50	552	102	1.7
	Feb 2021	498	10	8	393	7.1	21	80	446.50	552	127	2.3
	Mar 2021	908	5	9	638	10.4	90	163	446.70	555	168	2.7
	Apr 2021	1003	8	11	708	11.9	87	157	448.70	593	154	2.6
	May 2021	960	15	13	706	11.5	78	165	448.70	593	127	2.1
	Jun 2021	906	11	16	718	12.1	76	94	448.70	593	140	2.4
	Jul 2021	816	18	17	693	11.3	79	47	448.00	580	151	2.5
	Aug 2021	750	17	17	624	10.1	79	47	447.50	571	116	1.9
	Sep 2021	733	17	15	530	8.9	60	134	447.50	570	112	1.9
	WY 2021	**8735**	**183**	**139**	**6334**		**955**	**1370**			**1445**	
	Oct 2021	678	24	12	471	7.7	47	166	447.50	571	73	1.2
	Nov 2021	558	16	9	355	6.0	45	160	447.50	570	91	1.5
	Dec 2021	336	22	7	237	3.9	46	83	446.50	552	96	1.6
	Jan 2022	426	20	6	256	4.2	90	90	446.50	552	102	1.7
	Feb 2022	499	10	8	394	7.1	17	84	446.50	552	127	2.3
	Mar 2022	910	5	9	640	10.4	85	169	446.70	555	168	2.7
	Apr 2022	1006	8	11	710	11.9	83	163	448.70	593	154	2.6
	May 2022	963	15	13	708	11.5	74	171	448.70	593	127	2.1
	Jun 2022	909	11	16	720	12.1	72	99	448.70	593	140	2.4
	Jul 2022	818	18	17	695	11.3	74	51	448.00	580	151	2.5
	Aug 2022	752	17	17	625	10.2	74	51	447.50	571	116	1.9
	Sep 2022	736	17	15	531	8.9	56	140	447.50	570	112	1.9
	WY 2022	**8592**	**183**	**139**	**6341**		**764**	**1427**			**1458**	

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

October 2020 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	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
*	Oct 2019	626	10.2	1082.61	10228	-33	439.17	1198.0	241.9	74	386.2
H	Nov 2019	575	9.7	1083.85	10333	104	438.74	1192.0	221.9	75	386.0
I	Dec 2019	220	3.6	1090.49	10899	567	448.42	838.0	81.6	52	371.4
S	Jan 2020	405	6.6	1094.68	11265	366	451.06	1152.1	160.0	70	395.1
T	Feb 2020	557	9.7	1096.27	11405	140	452.31	962.0	224.2	57	402.6
O	Mar 2020	593	9.6	1098.59	11610	205	450.96	1136.0	237.0	69	399.6
R	Apr 2020	862	14.5	1096.39	11415	-194	447.37	1138.0	351.1	69	407.4
I	May 2020	1057	17.2	1091.32	10971	-444	443.68	1385.0	424.4	85	401.5
C	Jun 2020	973	16.4	1087.07	10605	-366	438.87	1511.0	383.4	94	393.9
A	Jul 2020	902	14.7	1084.63	10398	-207	437.22	1502.1	351.6	94	389.9
L	Aug 2020	847	13.8	1084.04	10349	-50	438.65	1502.1	328.8	94	388.2
*	Sep 2020	646	10.9	1083.21	10279	-70	441.07	1264.0	250.3	81	387.6
	WY 2020	**8263**							**3256.3**		
	Oct 2020	760	12.4	1082.01	10178	-101	436.27	1154.0	302.1	74	397.3
	Nov 2020	702	11.8	1081.48	10134	-44	433.57	1348.0	274.3	87	390.6
	Dec 2020	427	7.0	1084.99	10429	295	433.90	1363.1	164.8	87	385.5
	Jan 2021	517	8.4	1089.35	10801	372	437.25	1291.1	205.1	80	396.5
	Feb 2021	518	9.3	1092.53	11077	276	441.67	1104.0	204.7	67	395.1
	Mar 2021	967	15.7	1091.21	10962	-115	441.92	1133.1	394.1	70	407.6
	Apr 2021	1031	17.3	1087.70	10659	-303	439.12	1121.0	417.7	70	405.1
	May 2021	992	16.1	1084.21	10363	-296	433.74	1377.0	386.8	88	390.0
	Jun 2021	946	15.9	1081.31	10120	-243	429.26	1536.0	368.9	100	389.8
	Jul 2021	826	13.4	1081.56	10140	21	428.27	1536.0	322.2	100	389.9
	Aug 2021	785	12.8	1082.63	10230	90	429.25	1553.0	305.2	100	388.7
	Sep 2021	712	12.0	1082.28	10201	-29	430.26	1553.0	275.6	100	386.8
	WY 2021	**9185**							**3621.5**		
	Oct 2021	520	8.5	1081.94	10172	-29	433.16	1413.1	204.1	91	392.6
	Nov 2021	638	10.7	1080.48	10051	-121	438.06	917.0	252.9	58	396.1
	Dec 2021	476	7.7	1082.05	10181	131	433.57	1311.1	185.8	81	390.4
	Jan 2022	518	8.4	1084.90	10421	240	433.61	1300.0	204.2	80	393.8
	Feb 2022	520	9.4	1086.92	10593	172	434.57	1438.0	200.9	87	386.7
	Mar 2022	969	15.8	1084.15	10358	-235	435.62	1144.8	389.7	70	402.1
	Apr 2022	1034	17.4	1079.37	9959	-399	431.47	1131.1	411.7	70	398.3
	May 2022	995	16.2	1074.57	9566	-393	424.83	1402.6	380.3	88	382.2
	Jun 2022	949	15.9	1070.24	9218	-348	419.00	1583.1	361.1	100	380.5
	Jul 2022	828	13.5	1068.60	9089	-129	416.37	1583.0	314.1	100	379.2
	Aug 2022	787	12.8	1068.21	9058	-31	415.69	1589.4	296.5	100	376.7
	Sep 2022	715	12.0	1066.35	8912	-146	415.22	1585.9	267.1	100	373.8
	WY 2022	**8949**							**3468.3**		

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

Model Run ID: 3127

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

October 2020 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	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
*	Oct 2019	589	9.6	638.28	1572	-2	138.85	243.5	73.2	95	124.4
H	Nov 2019	457	7.7	642.13	1675	103	143.18	153.0	55.6	60	121.7
I	Dec 2019	248	4.0	640.77	1638	-37	141.96	156.3	30.5	61	123.3
S	Jan 2020	380	6.2	641.32	1653	15	141.95	156.3	49.9	61	131.3
T	Feb 2020	523	9.1	642.10	1674	21	139.59	156.5	68.9	61	131.6
O	Mar 2020	549	8.9	643.32	1708	33	142.51	164.5	67.4	65	122.6
R	Apr 2020	861	14.5	642.91	1696	-11	137.62	253.3	109.7	99	127.4
I	May 2020	1025	16.7	643.17	1703	7	140.19	255.0	128.5	100	125.3
C	Jun 2020	932	15.7	643.34	1708	5	140.36	255.0	117.3	100	125.8
A	Jul 2020	884	14.4	642.91	1696	-12	139.88	255.0	112.0	100	126.7
L	Aug 2020	822	13.4	642.61	1688	-8	141.10	255.0	104.0	100	126.5
*	Sep 2020	791	13.3	636.50	1525	-163	133.32	255.0	98.1	100	123.9
	WY 2020	**8063**							**1015.1**		
	Oct 2020	748	12.2	636.00	1512	-13	133.53	215.5	90.0	85	120.3
	Nov 2020	621	10.4	638.00	1564	52	134.97	170.0	75.5	67	121.6
	Dec 2020	366	6.0	639.51	1604	40	138.70	154.7	45.8	61	125.0
	Jan 2021	425	6.9	641.80	1666	62	140.15	164.5	53.6	65	126.3
	Feb 2021	498	9.0	641.80	1666	0	140.38	156.6	63.0	61	126.5
	Mar 2021	908	14.8	643.05	1700	34	138.76	200.7	113.5	79	125.0
	Apr 2021	1003	16.9	643.00	1699	-1	138.65	210.8	125.3	83	124.9
	May 2021	960	15.6	643.00	1699	0	139.04	255.0	120.2	100	125.3
	Jun 2021	906	15.2	643.00	1699	0	139.17	255.0	113.6	100	125.4
	Jul 2021	816	13.3	642.00	1671	-27	139.37	255.0	102.5	100	125.6
	Aug 2021	750	12.2	642.00	1671	0	139.27	255.0	94.1	100	125.5
	Sep 2021	733	12.3	640.01	1618	-54	138.22	255.0	91.3	100	124.5
	WY 2021	**8735**							**1088.5**		
	Oct 2021	678	11.0	633.00	1434	-183	134.23	227.0	82.0	89	120.9
	Nov 2021	558	9.4	635.00	1486	51	132.40	159.8	66.6	63	119.3
	Dec 2021	336	5.5	639.51	1604	118	137.43	154.7	41.6	61	123.8
	Jan 2022	426	6.9	641.80	1666	62	140.14	156.3	53.8	61	126.3
	Feb 2022	499	9.0	641.80	1666	0	140.37	156.6	63.2	61	126.5
	Mar 2022	910	14.8	643.05	1700	34	138.74	194.1	113.8	76	125.0
	Apr 2022	1006	16.9	643.00	1699	-1	138.64	249.9	125.6	98	124.9
	May 2022	963	15.7	643.00	1699	0	139.02	255.0	120.6	100	125.2
	Jun 2022	909	15.3	643.00	1699	0	139.16	255.0	113.9	100	125.4
	Jul 2022	818	13.3	642.00	1671	-27	139.35	255.0	102.8	100	125.5
	Aug 2022	752	12.2	642.00	1671	0	139.25	255.0	94.4	100	125.5
	Sep 2022	736	12.4	640.01	1618	-54	138.21	255.0	91.6	100	124.5
	WY 2022	**8592**							**1069.8**		

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

October 2020 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	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
*	Oct 2019	430	7.0	447.77	576	-24	83.21	90.0	30.2	75	70.1
H	Nov 2019	300	5.0	449.10	601	25	84.29	92.0	20.2	77	67.2
I	Dec 2019	159	2.6	448.16	583	-18	81.68	100.6	9.4	84	59.1
S	Jan 2020	311	5.1	446.50	552	-31	80.47	97.7	22.0	81	70.7
T	Feb 2020	400	6.9	448.15	583	31	82.44	97.2	28.0	81	70.0
O	Mar 2020	455	7.4	446.04	543	-39	78.08	120.0	30.0	100	65.9
R	Apr 2020	642	10.8	447.41	569	25	81.56	120.0	44.4	100	69.2
I	May 2020	752	12.2	447.51	571	2	77.41	120.0	51.8	100	68.9
C	Jun 2020	700	11.8	447.85	577	6	79.56	120.0	48.8	100	69.7
A	Jul 2020	700	11.4	447.58	572	-5	81.49	120.0	48.6	100	69.3
L	Aug 2020	649	10.6	448.03	581	8	80.50	120.0	45.0	100	69.3
*	Sep 2020	542	9.1	446.61	554	-27	78.70	120.0	37.7	100	69.6
	WY 2020	**6041**							**416.0**		
	Oct 2020	464	7.5	447.50	570	17	75.86	90.0	30.4	75	65.6
	Nov 2020	369	6.2	447.50	570	0	76.19	92.0	24.0	77	65.1
	Dec 2020	235	3.8	446.50	552	-19	74.86	109.4	14.5	91	61.9
	Jan 2021	255	4.2	446.50	552	0	75.07	94.8	16.0	79	62.6
	Feb 2021	393	7.1	446.50	552	0	75.21	92.1	25.5	77	64.9
	Mar 2021	638	10.4	446.70	555	4	74.01	120.0	41.3	100	64.8
	Apr 2021	708	11.9	448.70	593	38	75.08	120.0	46.6	100	65.8
	May 2021	706	11.5	448.70	593	0	76.05	120.0	46.9	100	66.5
	Jun 2021	718	12.1	448.70	593	0	76.05	120.0	47.8	100	66.6
	Jul 2021	693	11.3	448.00	580	-13	75.71	120.0	45.9	100	66.2
	Aug 2021	624	10.1	447.50	571	-9	75.13	120.0	40.9	100	65.5
	Sep 2021	530	8.9	447.50	570	0	74.89	120.0	34.5	100	65.1
	WY 2021	**6334**							**414.5**		
	Oct 2021	471	7.7	447.50	571	0	76.14	92.9	31.0	77	65.8
	Nov 2021	355	6.0	447.50	570	0	76.19	92.0	23.1	77	65.0
	Dec 2021	237	3.9	446.50	552	-19	74.82	110.3	14.7	92	62.0
	Jan 2022	256	4.2	446.50	552	0	75.12	93.9	16.0	78	62.6
	Feb 2022	394	7.1	446.50	552	0	75.15	93.2	25.6	78	64.9
	Mar 2022	640	10.4	446.70	555	4	74.01	120.0	41.4	100	64.8
	Apr 2022	710	11.9	448.70	593	38	75.08	120.0	46.7	100	65.8
	May 2022	708	11.5	448.70	593	0	76.05	120.0	47.1	100	66.5
	Jun 2022	720	12.1	448.70	593	0	76.05	120.0	48.0	100	66.6
	Jul 2022	695	11.3	448.00	580	-13	75.71	120.0	46.0	100	66.2
	Aug 2022	625	10.2	447.50	571	-9	75.13	120.0	41.0	100	65.5
	Sep 2022	531	8.9	447.50	570	0	74.89	120.0	34.6	100	65.1
	WY 2022	**6341**							**415.0**		

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

October 2020 24-Month Study

Most Probable Inflow*

Upper Basin Power

	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
*	Oct 2019	281	31	26	27	18	5
H	Nov 2019	280	31	22	25	14	5
I	Dec 2019	336	51	26	30	17	5
S	Jan 2020	338	51	18	22	11	5
T	Feb 2020	296	47	12	14	4	4
O	Mar 2020	307	46	11	13	7	4
	Winter 2020	**1838**	**258**	**115**	**131**	**71**	**28**
R	Apr 2020	276	44	21	25	16	5
I	May 2020	276	37	23	37	19	7
C	Jun 2020	290	58	24	28	18	8
A	Jul 2020	335	35	27	32	18	9
L	Aug 2020	367	43	28	32	19	7
*	Sep 2020	262	37	23	28	11	2
	Summer 2020	**1806**	**254**	**146**	**182**	**102**	**37**
	Oct 2020	264	22	19	26	13	2
	Nov 2020	262	18	4	6	3	4
	Dec 2020	292	20	4	6	3	4
	Jan 2021	345	20	5	6	3	4
	Feb 2021	297	18	4	5	3	3
	Mar 2021	314	28	0	7	4	3
	Winter 2021	**1775**	**125**	**36**	**57**	**30**	**19**
	Apr 2021	273	27	0	17	10	3
	May 2021	274	24	2	19	13	4
	Jun 2021	296	42	45	61	22	7
	Jul 2021	352	22	21	27	15	8
	Aug 2021	357	31	23	28	15	5
	Sep 2021	275	30	22	27	9	2
	Summer 2021	**1827**	**176**	**113**	**179**	**84**	**28**
	Oct 2021	191	27	21	26	13	5
	Nov 2021	198	26	4	6	4	5
	Dec 2021	236	31	9	12	7	5
	Jan 2022	281	31	9	12	6	5
	Feb 2022	249	28	8	11	6	4
	Mar 2022	261	38	10	13	7	4
	Winter 2022	**1417**	**182**	**62**	**79**	**43**	**28**
	Apr 2022	232	37	15	22	13	4
	May 2022	237	26	61	92	23	5
	Jun 2022	257	95	11	20	15	7
	Jul 2022	294	24	25	30	16	8
	Aug 2022	314	29	26	31	16	5
	Sep 2022	234	32	26	30	8	5
	Summer 2022	**1334**	**211**	**139**	**195**	**82**	**29**

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

October 2020 24-Month Study

Most Probable Inflow*

Flood Control Criteria - Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	BOM Space Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Oct 2020	640	391	547	12951	14529	17098	31628	640	391	547	1578	12951	17098	31628	3040	760	0	28.5
Nov 2020	674	435	569	13247	14925	17199	32124	674	435	569	1678	13247	17199	32124	3810	702	0	28.1
Dec 2020	690	427	574	13573	15264	17243	32507	690	427	574	1691	13573	17243	32507	4580	427	0	28.0
Jan 2021	720	420	581	13986	15707	16948	32655	720	420	581	1721	13986	16948	32655	5350	517	0	27.9
								****EFFECTIVE SPACE****										
Jan 2021	720	420	581	13986	15707	16948	32655	345	262	355	962	13986	16948	31896	5350	517	0	27.9
Feb 2021	747	417	590	14502	16256	16576	32832	370	260	362	993	14502	16576	32072	1500	518	0	27.7
Mar 2021	767	413	591	14921	16692	16300	32992	388	259	363	1010	14921	16300	32230	1500	967	0	27.4
Apr 2021	768	402	574	15250	16994	16415	33409	385	250	339	973	15250	16415	32638	1500	1031	0	27.0
May 2021	744	381	534	15377	17036	16718	33754	354	234	275	863	15377	16718	32958	1500	992	0	27.5
Jun 2021	664	255	448	14916	16282	17014	33297	264	97	150	511	14916	17014	32441	1500	946	0	28.6
Jul 2021	527	195	389	13835	14946	17257	32203	115	19	33	166	13835	17257	31259	1500	826	0	28.5
								****CREDITABLE SPACE****										
Aug 2021	432	169	417	14008	15026	17237	32263	432	169	417	1018	14008	17237	32263	1500	785	0	28.1
Sep 2021	468	185	445	14430	15527	17147	32674	468	185	445	1098	14430	17147	32674	2270	712	0	27.6
Oct 2021	516	215	450	14716	15897	17176	33073	516	215	450	1181	14716	17176	33073	3040	520	0	27.3
Nov 2021	549	245	440	14744	15977	17205	33182	549	245	440	1234	14744	17205	33182	3810	638	0	27.1
Dec 2021	580	230	442	14820	16072	17326	33398	580	230	442	1252	14820	17326	33398	4580	476	0	27.1
Jan 2022	641	235	444	15001	16321	17196	33517	641	235	444	1320	15001	17196	33517	5350	518	0	27.1
								****EFFECTIVE SPACE****										
Jan 2022	641	235	444	15001	16321	17196	33517	260	221	444	925	15001	17196	33122	5350	518	0	27.1
Feb 2022	695	241	448	15290	16675	16956	33631	312	228	448	989	15290	16956	33235	1500	520	0	27.0
Mar 2022	738	246	442	15487	16912	16784	33697	352	234	442	1028	15487	16784	33299	1500	969	0	26.8
Apr 2022	758	241	392	15561	16952	17019	33971	369	229	392	990	15561	17019	33570	1500	1034	0	26.7
May 2022	747	215	327	15379	16668	17418	34086	353	203	326	882	15379	17418	33679	1500	995	0	27.7
Jun 2022	591	268	205	14177	15241	17811	33052	184	242	164	590	14177	17811	32578	1500	949	0	29.2
Jul 2022	532	67	132	12762	13493	18159	31651	114	18	33	165	12762	18159	31085	1500	828	0	29.1
								****CREDITABLE SPACE****										
Aug 2022	437	43	162	12717	13359	18288	31647	437	43	162	642	12717	18288	31647	1500	787	0	28.7
Sep 2022	456	59	196	12980	13691	18319	32010	456	59	196	711	12980	18319	32010	2270	715	0	28.3

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