September 24-Month Study
Date: September 13, 2019

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	August Inflow (unregulated) (acre-feet)	Percent of Average (%)	September 13, Midnight Elevation (feet)	September 13, Midnight Reservoir Storage (acre-feet)
Fontenelle	57,000	74	6,498.17	285,000
Flaming Gorge	59,000	67	6,032.33	3,440,000
Blue Mesa	92,000	144	7,512.46	767,000
Navajo	40,000	89	6,065.43	1,418,000
Powell	472,000	94	3,617.22	13,480,000

Expected Operations

The operation of Lake Powell and Lake Mead in this September 2019 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 2019 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2018 24-Month Study projections of the January 1, 2019, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2019.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2019 is the Upper Elevation Balancing Tier. With an 8.23 million acre-feet (maf) release from Lake Powell in water year 2019, the April 2019 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet and the end of water year elevation at Lake Mead to be below 1,075 feet. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations shifted to balancing releases for the remainder of water year 2019. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this September 24-Month Study projects a balancing release of 9.0 maf in water year 2019.

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 year 2019.

The August 2019 24-Month Study projects the January 1, 2020 Lake Powell elevation to be below the 2019 Equalization Elevation of 3,657 feet and above elevation 3,575 feet. Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2020 will be governed by the Upper Elevation Balancing Tier, 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 2020. Based on the most probable inflow forecast, this September 24-Month Study projects an annual release of 8.23 maf in water year 2020.

The August 2019 24-Month Study projects the January 1, 2020 Lake Mead elevation to be above 1,075 feet and below 1,090 feet. 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 year 2020. In addition, Section III.B of Exhibit 1 to the Lower Basin Drought Contingency Plan (DCP) Agreement will also govern the operation of Lake Mead for calendar year 2020.

The 2020 operational tier determinations for Lake Powell and Lake Mead will be documented in the 2020 AOP, which is currently in development.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2019 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/aop/AOP19.pdf.
The draft 2020 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/AOP2020/2020AOP_2019-08-30_Consultation-3.pdf.
The Colorado River DCPs are available for download at:
https://www.usbr.gov/dcp/finaldocs.html.

Fontenelle Reservoir – As of September 4, 2019 Fontenelle Reservoir pool elevation is 6499.23 feet, which amounts to 85 percent of live storage capacity. Inflows for the month of August totaled 56,935 acre-feet (af) or 74 percent of average. Releases were changed from 1200 cfs to 1100 cfs and is planned to remain near this release until late March.

The Colorado Basin River Forecast Center has forecasted inflows that are at or near average. September, October and November forecasted inflow volumes amount to 40,000 af (87 percent of average), 45,000 af (93 percent of average), and 44,000 af (105 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for April 22, 2020 from 10:00 a.m. to 12:00 p.m. The meeting is planned to held at the 3 Telephone Canyon Road, Green River, WY 82935. The Fontenelle Working Group is an open public forum for

information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – The Colorado Pikeminnow base flow study is in progress. Targeted flows at the USGS Jensen gage with the combination of Flaming Gorge releases and Yampa River flows are between 2000 cfs to 2600 cfs. Releases from Flaming Gorge Dam will depend on how much flow is provided by the Yampa River. This will continue through the end of September.

As of September 4, 2019 Flaming Gorge Reservoir pool elevation is 6032.61 feet, which amounts to 92 percent of live storage capacity. Inflows for the month of August totaled 59,473acre-feet (af) or 74 percent of average. Release will be sustained at 1900 cfs until the end of the Colorado Pikeminnow study, pending the Yampa River contributing flows.

The September final forecast for unregulated inflows into Flaming Gorge for the next three months projects near average conditions: September, October, and November forecasted unregulated inflow volumes at 45,000 af (82 percent of average), 57,000 af (97 percent of average), and 56,000 af (110 percent of average), respectively.

Reclamation is planning to hold the Pre-Flaming Gorge Working Group meeting on March 19, 2020 from 10:00 am to 1:00 pm at the Uintah Conference Center in Vernal UT (313 East 200 South). The Flaming Gorge Working Group meeting to review stakeholders comments and input is scheduled for April 16, 2020 from 10:00 a.m. to 1:00 p.m. at Carbon County Event Center, 450 S Fairgrounds Rd, Price, UT 84501, USA.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186.

Aspinall Unit Reservoirs – As of September 9, 2019 releases from Crystal Dam are approximately 1,600 cfs. Uncompahgre Valley Water Users Association is diverting approximately 1,030 cfs through the Gunnison Tunnel and flows in the Black Canyon are about 600 cfs. Releases from Crystal are projected to remain at about this level throughout the fall.

Blue Mesa did fill this year and achieved a peak elevation on July 25, 2019 of 7519.15 feet above sea level which corresponded to a storage content of 827,000 af (99 percent of full pool). Since this peak filling, Blue Mesa's elevation has declined to 7513.09 feet above sea level on September 9, 2019.

The unregulated inflow volume in August to Blue Mesa was 91.6 kaf (144 percent of average). Unregulated Inflow volumes forecasted for Blue Mesa for the next three months (September, October and November) are projected to be: 88,000 af (140 percent

of average), 50,000 af (132 percent of average) and 46,000 af (121 percent of average), respectively. The September 24-Month Study is reflective of these new forecasts. The water year unregulated inflow forecast volume for 2019 is 1.362 maf which is 143 percent of average.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Meeting notes from past working Group meetings are posted on the Working Group webpage at:

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/amcurrnt.html

The next meeting of the Aspinall Unit Working Group will be held on Thursday, January 23, 2020 at 1:00 pm at the Holiday Inn Express located in Montrose, Colorado.

Navajo Reservoir – On September 10th, the daily average release rate from Navajo Dam was approximately 1,220 cfs while reservoir inflow (modified unregulated) was averaging approximately -50 cfs. The water surface elevation was 6065.9 feet above sea level. At this elevation the live storage is 1.42 maf (83 percent of live storage capacity) and the active storage is 0.75 maf (72 percent of active storage capacity). NIIP was diverting 625 cfs from the reservoir. The river flow measured at the Animas River at Farmington USGS gage was at 225 cfs. River flow at the San Juan River at Four Corners USGS gage was 1,270 cfs.

Total April-July modified unregulated inflow totaled 1.16 maf, or 158 percent of average. Releases from Navajo Dam are made for authorized purposes of the Navajo Unit and are pursuant to the Record of Decision for the Navajo Reservoir Operations.

Preliminary modified-unregulated inflow into Navajo (inflow adjusted for upstream change in storage, reservoir evaporation and exportation from the basin) in August was 40 kaf (89 percent of average for the month).

Forecast modified-unregulated inflow to Navajo over the next three months (September, October and November) are projected to be: 26 kaf (60 percent of average), 40 kaf (85 percent of average), and 37 kaf (112 percent of average), respectively.

A maintenance release was conducted from Navajo Dam from June 3rd through June 15th. The release peaked at 5,000 cfs on June 12th. Reservoir elevation peaked on July 16th at 6075.27 ft.

The San Juan River Recovery Implementation Program (SJRIP) has requested Available Water over the End of Water Year Storage Target of 6063 ft be used to augment baseflows in the critical habitat reach (Farmington to Lake Powell), as recommended in the Flow Recommendations decision tree (1999, updated 2016). Available water over this target will be used to increase the downstream target baseflow to 1500 cfs through October, as long as water is available. Starting in November, the target baseflow will be set as low as possible (with a minimum of 500 cfs) for two weeks, by reducing the release as low as possible, as low as 250 cfs (ROD, 2006). By mid-November, the release will resume normal operations, in an attempt to maintain the typical target baseflow range of 500 - 1000 cfs. Releases will likely range from 800 – 1200 cfs throughout the remainder of the summer.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir. The next Navajo Unit Coordination Meeting will be held Tuesday, January 21, 2020 at 1:00 pm at the Farmington Civic Center (200 West Arrington, Farmington, NM).

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell during August 472 thousand acre-feet (kaf) (94 percent of average). The release volume from Glen Canyon Dam in August was 900 kaf. The end of August elevation and storage of Lake Powell were 3,619 ft (81 feet from full pool) and 13.61 maf (56 percent of full capacity), respectively.

Current Operations

The operating tier for water year 2019 was established in August 2018 as the Upper Elevation Balancing Tier. As described in the Interim Guidelines, under balancing, the contents of Lake Powell and Lake Mead are to be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf is to be released from Lake Powell. Under this Tier the initial annual water year release volume is 8.23 maf, and the April 2019 24-Month Study projects the end of water year elevation at Lake Powell to be above 3,575 feet, and the end of water year elevation at Lake Mead to be below 1,075 feet. Lake Powell operations have shifted to balancing releases for the remainder of water year 2019. Lake Powell is currently projected to release 9.0 maf in water year 2019. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2019.

In September, the release volume will be approximately 686 kaf, with fluctuations anticipated between about 8,380 cfs in the nighttime to about 14,530 cfs in the daytime,

and consistent with the Glen Canyon Dam, Record of Decision (dated December 2016). The anticipated release volume for October is 625 kaf with daily fluctuations between approximately 6,740 cfs and 12,500 cfs. The expected release for November is 625 kaf.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 30 mw (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2020 unregulated inflow to Lake Powell, issued on September 1, 2019, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume this year will be 10.5 maf (97 percent of average). There is significant uncertainty regarding this season's snowpack development and resulting runoff into Lake Powell. Reclamation updates the minimum and maximum probable forecasts four times a year: January, April, August and October. The August forecast ranges from a minimum probable of 7.0 maf (65 percent of average) to a maximum probable of 19 maf (175 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the September 24-Month Study projects Lake Powell elevation will end water year 2020 near 3,634.62 feet with approximately 15.38 maf in storage (63 percent of capacity). Note that projections of elevation and storage for water year 2020 have significant uncertainty at this point in the season. Projections of end of water year 2020 elevation and storage using the minimum and maximum probable inflow forecast from August 2019 are 3,605.03 feet (12.24 maf, 50 percent of capacity) and 3,657 feet (18.10 maf, 74 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2020 is projected to be 8.23 maf under the September most probable scenario. The August 24-

Month Study determined a 9.0 maf under the minimum probable and 13.49 maf under the maximum probable inflow scenarios.

Upper Colorado River Basin Hydrology

Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 19-year period 2000 to 2018, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 4 out of the past 19 years. The period 2000-2018 is the lowest 19-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.54 maf, or 79 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2018 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2018 unregulated inflow volume to Lake Powell was 4.6 maf (43 percent of average), the third driest year on record above 2002 and 1977. Under the current most probable forecast, the total water year 2019 unregulated inflow to Lake Powell is projected to be 13.19 maf (122 percent of average).

At the beginning of water year 2019, total system storage in the Colorado River Basin was 28.01 maf (47 percent of 59.6 maf total system capacity). This is a decrease of 4.91 maf over the total storage at the beginning of water year 2018 when total system storage was 32.92 maf (55 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to the now current level of 47 percent of capacity at the beginning of water year 2019. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2019 is approximately 31.8 maf (53 percent of total system capacity). The actual end of water year 2019 system storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and reservoir inflow.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			aug	Forecast			Observed	
:	may	jun	jul	aug	%Avg	sep	oct	nov	apr-jul	%Avg
GLDA3:Lake Powell	2511	4206	2451	472	94%:	385/	550/	520/	10410/:	145%
GBRW4:Fontenelle	167	337	184	57	74%:	40/	45/	44/	802/:	111%
GRNU1:Flaming Gorge	252	460	227	59	66%:	45/	57/	56/	1179/:	120%
BMDC2:Blue Mesa	214	471	282	92	145%:	50/	46/	38/	1088/:	161%
MPSC2:Morrow Point	240	512	295	93	139%:	53/	49/	41/	1183/:	160%
CLSC2:Crystal	264	558	321	98	131%:	60/	56/	47/	1293/:	155%
TPIC2:Taylor Park	21	68	47	14.8	144%:	9/	8/	7/	146/:	147%
VCRC2:Vallecito	58	160	69	19.5	98%:	14/	13/	9/	319/:	164%
NVRN5:Navajo	270	491	171	40	89%:	26/	40/	37/	1162/:	158%
LEMC2:Lemon	12.1	46	19.8	3.7	75%:	3/	2.6/	1.6/	84/:	153%
MPHC2:McPhee	117	181	53	11.3	72%:	8.5/	8/	6.5/	456/:	155%
RBSC2:Ridgway	15.9	50	46	18.3	124%:	10/	8/	6/	123/:	122%
YDLC2:Deerlodge	482	677	260	34	132%:	14/	28/	33/	1688/:	136%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2019 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)
*	Sep 2018	30	2	7	58	65	6495.11	262
	WY 2018	**1397**	**15**	**856**	**528**	**1382**		
H	Oct 2018	42	1	45	20	65	6491.62	238
I	Nov 2018	38	1	60	0	60	6488.29	216
S	Dec 2018	30	1	61	1	61	6483.19	184
T	Jan 2019	28	1	61	0	61	6476.81	150
O	Feb 2019	26	0	55	1	56	6470.41	120
R	Mar 2019	37	0	61	0	61	6464.13	95
I	Apr 2019	114	1	71	0	71	6474.10	137
C	May 2019	167	1	98	0	98	6486.46	204
A	Jun 2019	337	2	107	171	278	6494.89	261
L	Jul 2019	184	3	86	39	125	6502.48	317
*	Aug 2019	57	2	74	0	74	6499.98	298
	Sep 2019	40	2	38	28	66	6496.22	271
	WY 2019	**1100**	**15**	**818**	**259**	**1077**		
	Oct 2019	45	1	65	0	65	6493.28	250
	Nov 2019	44	1	62	0	62	6490.48	231
	Dec 2019	37	1	65	0	65	6486.12	203
	Jan 2020	32	1	65	0	65	6480.52	170
	Feb 2020	30	1	60	0	60	6474.42	139
	Mar 2020	46	0	63	0	63	6470.43	121
	Apr 2020	73	1	75	0	75	6469.82	118
	May 2020	145	1	98	7	105	6478.26	158
	Jun 2020	275	2	102	24	126	6500.80	305
	Jul 2020	165	3	100	27	127	6505.31	340
	Aug 2020	65	2	86	0	86	6502.33	317
	Sep 2020	45	2	20	52	72	6498.56	288
	WY 2020	**1002**	**15**	**861**	**109**	**970**		
	Oct 2020	48	1	68	0	68	6495.67	267
	Nov 2020	42	1	65	0	65	6492.20	243
	Dec 2020	32	1	68	0	68	6486.68	207
	Jan 2021	30	1	68	0	68	6480.32	169
	Feb 2021	28	1	61	0	61	6473.52	135
	Mar 2021	53	0	69	0	69	6469.59	117
	Apr 2021	85	1	87	0	87	6468.96	115
	May 2021	164	1	98	6	105	6481.07	173
	Jun 2021	299	2	102	67	170	6500.15	300
	Jul 2021	178	3	101	37	138	6504.91	337
	Aug 2021	77	2	93	0	93	6502.57	319

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

Model Run ID: 3102

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2019 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)
*	Sep 2018	17	52	11	119	0	119	136	6030.75	3378	132
	WY 2018	**1594**	**1580**	**82**	**1608**	**7**	**1616**				**2638**
H	Oct 2018	52	75	7	99	0	99	135	6029.99	3349	131
I	Nov 2018	41	63	4	93	0	93	133	6029.15	3316	121
S	Dec 2018	29	60	2	124	0	124	131	6027.49	3253	153
T	Jan 2019	34	68	2	124	0	124	129	6026.01	3198	154
O	Feb 2019	34	63	2	112	0	112	127	6024.69	3149	143
R	Mar 2019	74	99	3	58	0	58	128	6025.67	3185	128
I	Apr 2019	240	198	5	71	0	71	133	6028.79	3303	341
C	May 2019	252	183	8	99	0	99	136	6030.71	3376	568
A	Jun 2019	460	400	11	215	100	315	139	6032.55	3448	950
L	Jul 2019	227	169	14	100	0	100	141	6033.89	3502	376
*	Aug 2019	59	76	13	109	0	109	139	6032.79	3458	153
	Sep 2019	45	71	12	113	0	113	137	6031.48	3406	127
	WY 2019	**1549**	**1526**	**82**	**1315**	**100**	**1414**				**3346**
	Oct 2019	57	77	7	80	0	80	137	6031.22	3396	108
	Nov 2019	56	74	4	65	0	65	137	6031.36	3402	98
	Dec 2019	40	68	2	114	0	114	135	6030.16	3355	141
	Jan 2020	45	78	2	141	0	141	132	6028.52	3292	165
	Feb 2020	46	76	2	132	0	132	130	6027.04	3236	156
	Mar 2020	95	112	3	157	0	157	128	6025.82	3191	227
	Apr 2020	125	127	5	68	0	68	130	6027.21	3242	278
	May 2020	220	180	8	74	0	74	134	6029.68	3337	604
	Jun 2020	330	181	11	185	0	185	134	6029.31	3322	630
	Jul 2020	195	157	14	98	0	98	135	6030.43	3366	171
	Aug 2020	76	97	13	98	0	98	135	6030.08	3352	119
	Sep 2020	55	82	11	95	0	95	134	6029.47	3328	110
	WY 2020	**1340**	**1308**	**81**	**1309**	**0**	**1309**				**2809**
	Oct 2020	59	79	7	72	0	72	134	6029.45	3328	100
	Nov 2020	51	75	3	65	0	65	134	6029.59	3333	95
	Dec 2020	35	71	2	105	0	105	133	6028.68	3299	130
	Jan 2021	40	78	2	117	0	117	131	6027.65	3259	142
	Feb 2021	45	78	2	106	0	106	130	6026.89	3231	133
	Mar 2021	102	119	3	123	0	123	130	6026.72	3224	200
	Apr 2021	134	136	5	119	0	119	130	6027.02	3235	334
	May 2021	245	186	8	67	0	67	134	6029.82	3342	599
	Jun 2021	390	260	11	189	0	189	137	6031.33	3401	609
	Jul 2021	210	171	14	109	0	109	139	6032.51	3447	209
	Aug 2021	89	105	13	117	0	117	138	6031.89	3423	142

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

Model Run ID: 3102

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2019 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)
*	Sep 2018	3	8	9301.71	58
	WY 2018	**88**	**108**		
H	Oct 2018	5	3	9302.60	59
I	Nov 2018	3	3	9302.61	59
S	Dec 2018	4	3	9302.74	59
T	Jan 2019	4	3	9302.92	59
O	Feb 2019	3	3	9303.16	60
R	Mar 2019	5	4	9303.75	60
I	Apr 2019	10	7	9306.14	64
C	May 2019	21	26	9302.64	59
A	Jun 2019	68	38	9320.92	89
L	Jul 2019	47	32	9328.49	103
*	Aug 2019	15	24	9323.77	94
	Sep 2019	9	21	9317.37	82
	WY 2019	**193**	**168**		
	Oct 2019	8	10	9316.47	81
	Nov 2019	7	6	9317.07	82
	Dec 2019	6	6	9316.98	82
	Jan 2020	5	6	9316.32	80
	Feb 2020	5	6	9316.01	80
	Mar 2020	5	6	9315.34	79
	Apr 2020	7	10	9313.57	76
	May 2020	29	18	9319.87	87
	Jun 2020	40	24	9328.26	103
	Jul 2020	16	24	9324.16	95
	Aug 2020	9	19	9318.76	85
	Sep 2020	7	18	9312.66	74
	WY 2020	**144**	**152**		
	Oct 2020	6	9	9311.10	72
	Nov 2020	5	7	9309.62	69
	Dec 2020	5	5	9309.62	69
	Jan 2021	4	5	9309.45	69
	Feb 2021	4	4	9309.13	69
	Mar 2021	4	7	9307.65	66
	Apr 2021	9	10	9307.16	65
	May 2021	28	13	9316.52	81
	Jun 2021	42	19	9328.87	104
	Jul 2021	20	23	9327.39	101
	Aug 2021	10	23	9320.96	89

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

Model Run ID: 3102

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2019 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)
*	Sep 2018	12	17	1	30	39	68	7444.44	282
	WY 2018	**433**	**453**	**7**	**856**	**39**	**895**		
H	Oct 2018	23	22	0	46	11	56	7437.59	248
I	Nov 2018	22	21	0	19	0	19	7438.08	250
S	Dec 2018	20	19	0	21	0	21	7437.82	249
T	Jan 2019	20	20	0	17	0	17	7438.40	252
O	Feb 2019	20	20	0	23	0	23	7437.59	248
R	Mar 2019	28	27	0	25	0	25	7438.01	250
I	Apr 2019	121	118	0	33	0	33	7453.91	335
C	May 2019	214	218	1	86	18	105	7471.68	447
A	Jun 2019	471	444	1	124	70	194	7504.14	696
L	Jul 2019	282	266	2	87	51	138	7518.61	823
*	Aug 2019	92	100	1	76	62	137	7514.39	784
	Sep 2019	50	62	1	85	0	85	7511.68	761
	WY 2019	**1362**	**1337**	**8**	**640**	**212**	**851**		
	Oct 2019	46	48	1	88	0	88	7506.90	719
	Nov 2019	38	37	0	86	0	86	7501.01	670
	Dec 2019	33	33	0	112	0	112	7491.20	591
	Jan 2020	30	31	0	54	0	54	7488.23	568
	Feb 2020	26	27	0	51	0	51	7485.05	543
	Mar 2020	38	39	0	51	0	51	7483.35	531
	Apr 2020	74	77	1	63	0	63	7485.17	544
	May 2020	220	209	1	203	56	258	7478.38	494
	Jun 2020	275	259	1	68	0	68	7502.71	684
	Jul 2020	97	105	1	63	0	63	7507.52	724
	Aug 2020	54	64	1	72	0	72	7506.48	716
	Sep 2020	39	50	1	76	0	76	7503.19	688
	WY 2020	**970**	**978**	**8**	**987**	**56**	**1042**		
	Oct 2020	39	41	1	50	0	50	7502.09	679
	Nov 2020	31	34	0	49	0	49	7500.20	663
	Dec 2020	26	26	0	92	0	92	7491.98	597
	Jan 2021	24	25	0	67	0	67	7486.43	554
	Feb 2021	22	23	0	49	0	49	7482.92	527
	Mar 2021	36	38	0	0	57	57	7480.28	508
	Apr 2021	77	78	1	0	84	84	7479.35	501
	May 2021	221	206	1	6	232	239	7474.62	468
	Jun 2021	261	238	1	59	0	59	7498.00	645
	Jul 2021	117	120	1	75	0	75	7503.26	688
	Aug 2021	63	76	1	78	0	78	7502.86	685

* 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

RECLAMATION
Managing Water in the West

September 2019 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)
*	Sep 2018	14	68	2	70	84	0	84	7135.77	98
	WY 2018	**460**	**895**	**27**	**922**	**935**	**0**	**937**		
H	Oct 2018	24	56	1	57	56	0	56	7136.92	99
I	Nov 2018	23	19	1	20	13	0	15	7143.47	104
S	Dec 2018	21	21	1	22	18	0	18	7147.95	107
T	Jan 2019	21	17	1	17	18	0	18	7147.00	107
O	Feb 2019	20	23	0	24	23	0	23	7147.57	107
R	Mar 2019	29	25	1	26	26	0	26	7146.90	107
I	Apr 2019	136	33	15	47	41	0	41	7155.16	113
C	May 2019	240	105	25	130	127	0	131	7154.68	113
A	Jun 2019	512	194	41	235	186	0	234	7155.10	113
L	Jul 2019	295	138	13	150	151	0	151	7154.18	112
*	Aug 2019	93	137	2	139	137	0	139	7153.99	112
	Sep 2019	53	85	3	88	88	0	88	7153.73	112
	WY 2019	**1466**	**851**	**104**	**956**	**886**	**0**	**941**		
	Oct 2019	49	88	3	91	91	0	91	7153.73	112
	Nov 2019	41	86	3	89	89	0	89	7153.73	112
	Dec 2019	36	112	3	115	115	0	115	7153.73	112
	Jan 2020	33	54	3	57	57	0	57	7153.73	112
	Feb 2020	29	51	3	54	54	0	54	7153.73	112
	Mar 2020	42	51	4	55	55	0	55	7153.73	112
	Apr 2020	87	63	13	76	76	0	76	7153.73	112
	May 2020	245	258	25	283	283	0	283	7153.73	112
	Jun 2020	295	68	20	88	88	0	88	7153.73	112
	Jul 2020	104	63	7	70	70	0	70	7153.73	112
	Aug 2020	57	72	3	75	75	0	75	7153.73	112
	Sep 2020	42	76	3	79	79	0	79	7153.73	112
	WY 2020	**1060**	**1042**	**90**	**1132**	**1132**	**0**	**1132**		
	Oct 2020	42	50	3	53	53	0	53	7153.73	112
	Nov 2020	34	49	2	51	51	0	51	7153.73	112
	Dec 2020	28	92	2	94	94	0	94	7153.73	112
	Jan 2021	27	67	2	70	70	0	70	7153.73	112
	Feb 2021	25	49	3	52	52	0	52	7153.73	112
	Mar 2021	40	57	4	61	61	0	61	7153.73	112
	Apr 2021	88	84	11	95	95	0	95	7153.73	112
	May 2021	247	239	26	265	265	0	265	7153.73	112
	Jun 2021	281	59	20	79	79	0	79	7153.73	112
	Jul 2021	123	75	6	81	81	0	81	7153.73	112
	Aug 2021	67	78	3	81	81	0	81	7153.73	112

* 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

RECLAMATION
Managing Water in the West

September 2019 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)
*	Sep 2018	15	84	1	85	87	0	87	6737.22	13	59	33
	WY 2018	**505**	**937**	**45**	**982**	**959**	**26**	**985**			**438**	**553**
H	Oct 2018	27	56	3	59	55	0	55	6751.87	17	33	24
I	Nov 2018	26	15	4	19	21	0	21	6743.11	14	1	19
S	Dec 2018	25	18	4	22	21	0	22	6745.32	15	0	20
T	Jan 2019	25	18	4	22	19	3	22	6746.57	15	1	20
O	Feb 2019	24	23	3	27	9	17	26	6748.26	16	1	25
R	Mar 2019	34	26	5	32	30	0	30	6752.77	17	0	29
I	Apr 2019	150	41	15	55	55	0	55	6753.29	17	26	29
C	May 2019	264	131	24	155	108	31	153	6759.30	19	47	105
A	Jun 2019	558	234	46	280	115	73	282	6753.12	17	51	231
L	Jul 2019	321	151	26	177	121	57	178	6746.79	15	59	124
*	Aug 2019	98	139	5	144	119	28	147	6733.25	12	64	88
	Sep 2019	60	88	7	95	89	0	89	6753.04	17	55	34
	WY 2019	**1611**	**941**	**145**	**1086**	**763**	**210**	**1082**			**338**	**749**
	Oct 2019	56	91	7	98	98	0	98	6753.04	17	30	68
	Nov 2019	47	89	6	95	95	0	95	6753.04	17	0	95
	Dec 2019	41	115	5	120	120	0	120	6753.04	17	0	120
	Jan 2020	39	57	6	63	63	0	63	6753.04	17	0	63
	Feb 2020	33	54	4	58	0	58	58	6753.04	17	0	58
	Mar 2020	48	55	6	61	47	15	61	6753.04	17	5	56
	Apr 2020	100	76	13	89	89	0	89	6753.04	17	42	47
	May 2020	280	283	35	318	134	184	318	6753.04	17	62	256
	Jun 2020	330	88	35	123	123	0	123	6753.04	17	61	62
	Jul 2020	116	70	12	82	82	0	82	6753.04	17	65	17
	Aug 2020	64	75	7	82	82	0	82	6753.04	17	65	17
	Sep 2020	46	79	4	83	83	0	83	6753.04	17	55	28
	WY 2020	**1200**	**1132**	**140**	**1272**	**1016**	**256**	**1272**			**385**	**887**
	Oct 2020	46	53	5	58	58	0	58	6753.04	17	30	28
	Nov 2020	38	51	4	56	56	0	56	6753.04	17	0	56
	Dec 2020	32	94	5	98	98	0	98	6753.04	17	0	98
	Jan 2021	31	70	5	74	74	0	74	6753.04	17	0	74
	Feb 2021	29	52	4	56	56	0	56	6753.04	17	0	56
	Mar 2021	46	61	6	68	68	0	68	6753.04	17	5	63
	Apr 2021	101	95	12	107	107	0	107	6753.04	17	42	65
	May 2021	281	265	34	299	134	165	299	6753.04	17	62	237
	Jun 2021	315	79	34	113	113	0	113	6753.04	17	61	52
	Jul 2021	138	81	14	96	96	0	96	6753.04	17	65	31
	Aug 2021	75	81	8	89	89	0	89	6753.04	17	65	24

* 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

RECLAMATION
Managing Water in the West

September 2019 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)
*	Sep 2018	3	4	7613.06	21
	WY 2018	**102**	**153**		
H	Oct 2018	9	3	7617.56	26
I	Nov 2018	5	0	7621.25	31
S	Dec 2018	3	0	7623.31	34
T	Jan 2019	4	0	7625.50	37
O	Feb 2019	4	0	7627.67	41
R	Mar 2019	6	6	7627.39	40
I	Apr 2019	32	25	7631.32	47
C	May 2019	58	41	7640.08	64
A	Jun 2019	160	101	7664.36	124
L	Jul 2019	69	68	7664.45	124
*	Aug 2019	20	38	7657.21	105
	Sep 2019	14	30	7650.80	89
	WY 2019	**384**	**312**		
	Oct 2019	13	17	7648.96	84
	Nov 2019	9	6	7650.05	87
	Dec 2019	7	6	7650.25	88
	Jan 2020	6	6	7650.04	87
	Feb 2020	6	6	7650.07	87
	Mar 2020	8	2	7652.53	93
	Apr 2020	20	2	7659.58	111
	May 2020	60	63	7658.18	107
	Jun 2020	68	68	7658.10	107
	Jul 2020	27	41	7652.13	92
	Aug 2020	17	38	7643.10	71
	Sep 2020	14	29	7635.70	55
	WY 2020	**255**	**285**		
	Oct 2020	14	16	7634.14	52
	Nov 2020	8	2	7636.99	58
	Dec 2020	6	2	7639.14	62
	Jan 2021	5	2	7640.77	66
	Feb 2021	5	2	7642.15	69
	Mar 2021	9	2	7645.09	75
	Apr 2021	23	2	7653.98	97
	May 2021	71	62	7657.37	105
	Jun 2021	70	70	7657.19	105
	Jul 2021	29	42	7651.96	92
	Aug 2021	20	38	7644.11	73

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2019 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea 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)
*	Sep 2018	2	0	3	2	27	46	6020.80	919	41
	WY 2018	**268**	**36**	**283**	**24**	**224**	**405**			**531**
H	Oct 2018	23	1	17	1	7	31	6018.35	897	40
I	Nov 2018	15	0	10	1	0	18	6017.43	888	34
S	Dec 2018	12	0	9	0	0	18	6016.39	879	30
T	Jan 2019	13	0	10	0	0	19	6015.33	869	31
O	Feb 2019	17	0	14	1	1	16	6014.90	865	37
R	Mar 2019	114	1	113	1	4	18	6024.61	955	62
I	Apr 2019	230	24	203	2	20	20	6040.36	1117	102
C	May 2019	270	34	216	3	25	25	6054.45	1279	143
A	Jun 2019	491	57	376	4	36	114	6071.44	1501	385
L	Jul 2019	171	26	141	5	47	59	6073.56	1531	224
*	Aug 2019	40	6	52	4	42	78	6068.40	1459	96
	Sep 2019	26	2	40	3	26	61	6064.68	1408	90
	WY 2019	**1423**	**151**	**1200**	**26**	**208**	**477**			**1274**
	Oct 2019	40	2	42	2	10	31	6064.71	1409	59
	Nov 2019	37	1	33	1	0	22	6065.50	1419	43
	Dec 2019	28	0	27	1	0	31	6065.20	1415	48
	Jan 2020	24	0	24	1	0	31	6064.66	1408	46
	Feb 2020	31	0	31	1	0	29	6064.72	1409	43
	Mar 2020	70	7	57	2	6	31	6066.15	1428	52
	Apr 2020	130	17	95	3	21	30	6069.18	1469	75
	May 2020	260	36	227	4	36	204	6067.89	1452	349
	Jun 2020	185	24	160	4	53	276	6054.40	1278	411
	Jul 2020	45	2	58	4	57	47	6050.24	1228	102
	Aug 2020	36	1	56	3	48	31	6048.02	1202	64
	Sep 2020	34	1	48	3	26	30	6047.14	1192	56
	WY 2020	**920**	**92**	**858**	**27**	**256**	**791**			**1346**
	Oct 2020	40	2	41	2	9	31	6047.12	1192	55
	Nov 2020	31	0	25	1	0	30	6046.64	1187	47
	Dec 2020	25	0	21	1	0	31	6045.70	1176	46
	Jan 2021	22	0	18	1	0	31	6044.56	1163	44
	Feb 2021	30	0	27	1	0	28	6044.41	1161	40
	Mar 2021	92	9	77	1	6	31	6047.85	1200	53
	Apr 2021	170	21	128	2	22	30	6054.14	1275	82
	May 2021	277	37	231	3	37	133	6058.86	1333	279
	Jun 2021	224	29	195	4	53	238	6050.62	1233	389
	Jul 2021	66	5	74	4	57	32	6048.98	1214	99
	Aug 2021	45	2	61	3	48	31	6047.17	1193	69

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2019 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)
*	Sep 2018	1	230	45	670	0	670	3592.28	4936	11028	690
	WY 2018	**4612**	**5459**	**386**	**9000**	**0**	**9000**				**9158**
H	Oct 2018	351	477	30	625	0	625	3590.46	4923	10862	650
I	Nov 2018	254	307	29	585	77	662	3586.50	4894	10507	669
S	Dec 2018	228	322	22	740	0	740	3581.85	4862	10099	744
T	Jan 2019	212	303	7	804	0	804	3576.34	4824	9629	815
O	Feb 2019	255	339	7	730	0	730	3571.89	4795	9261	741
R	Mar 2019	625	574	11	791	0	791	3569.28	4778	9049	798
I	Apr 2019	1242	899	18	720	0	720	3571.12	4790	9198	734
C	May 2019	2511	1980	23	720	0	720	3584.65	4881	10343	752
A	Jun 2019	4206	3583	41	765	0	765	3611.82	5087	12914	808
L	Jul 2019	2451	2015	57	857	0	857	3621.60	5168	13933	905
*	Aug 2019	472	608	58	900	0	900	3618.55	5143	13610	943
	Sep 2019	385	545	52	686	0	686	3616.84	5128	13431	700
	WY 2019	**13193**	**11953**	**356**	**8924**	**77**	**9001**				**9259**
	Oct 2019	550	617	36	625	0	625	3616.45	5125	13390	635
	Nov 2019	520	563	35	625	0	625	3615.59	5118	13301	626
	Dec 2019	435	591	28	750	0	750	3613.91	5104	13128	756
	Jan 2020	420	547	9	760	0	760	3611.91	5088	12924	771
	Feb 2020	450	559	9	675	0	675	3610.77	5078	12808	684
	Mar 2020	620	668	16	700	0	700	3610.33	5075	12764	714
	Apr 2020	950	820	25	630	0	630	3611.85	5087	12917	645
	May 2020	2150	2059	31	630	0	630	3624.18	5191	14212	641
	Jun 2020	2730	2547	52	650	0	650	3639.29	5327	15920	661
	Jul 2020	870	799	66	750	0	750	3639.16	5326	15905	769
	Aug 2020	425	508	65	835	0	835	3636.06	5297	15542	852
	Sep 2020	380	480	59	600	0	600	3634.62	5284	15377	614
	WY 2020	**10500**	**10760**	**429**	**8230**	**0**	**8230**				**8368**
	Oct 2020	489	515	41	640	0	640	3633.28	5272	15223	650
	Nov 2020	462	493	39	640	0	640	3631.76	5258	15051	641
	Dec 2020	363	504	31	720	0	720	3629.73	5240	14823	726
	Jan 2021	361	489	10	860	0	860	3626.56	5211	14471	871
	Feb 2021	393	479	10	750	0	750	3624.17	5191	14210	759
	Mar 2021	665	660	17	800	0	800	3622.82	5179	14065	814
	Apr 2021	1056	949	27	710	0	710	3624.64	5195	14262	725
	May 2021	2343	2112	34	710	0	710	3635.94	5296	15529	721
	Jun 2021	2666	2359	56	750	0	750	3647.99	5411	16967	761
	Jul 2021	1091	975	70	850	0	850	3648.41	5415	17018	869
	Aug 2021	500	578	69	900	0	900	3645.46	5386	16657	917

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2019 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	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)
*	Sep 2018	670	84	58	725	12.2	24	723	642	1078.29	9870
	WY 2018	**9000**	**690**	**541**	**9240**		**241**	**9237**			
H	Oct 2018	625	100	42	641	10.4	23	634	643	1078.52	9889
I	Nov 2018	662	67	42	690	11.6	16	689	642	1078.32	9872
S	Dec 2018	740	52	36	468	7.6	11	467	659	1081.46	10132
T	Jan 2019	804	106	30	487	7.9	8	486	682	1085.75	10493
O	Feb 2019	730	126	28	621	11.2	6	620	694	1087.97	10682
R	Mar 2019	791	200	32	738	12.0	13	737	707	1090.24	10878
I	Apr 2019	720	118	39	902	15.2	15	900	700	1088.95	10767
C	May 2019	720	108	45	989	16.1	18	988	686	1086.48	10555
A	Jun 2019	765	69	54	912	15.3	27	911	676	1084.71	10405
L	Jul 2019	857	19	67	946	15.4	32	946	666	1082.82	10246
*	Aug 2019	900	65	71	802	13.0	36	801	669	1083.45	10299
	Sep 2019	686	91	59	700	11.8	19	700	669	1083.44	10298
	WY 2019	**9001**	**1121**	**547**	**8895**		**224**	**8878**			
	Oct 2019	625	82	43	692	11.3	21	692	666	1082.89	10252
	Nov 2019	625	54	43	523	8.8	13	523	672	1084.01	10346
	Dec 2019	750	51	37	297	4.8	9	297	700	1089.06	10776
	Jan 2020	760	83	31	552	9.0	9	552	716	1091.78	11011
	Feb 2020	675	91	29	636	11.1	8	636	721	1092.79	11099
	Mar 2020	700	57	32	955	15.5	18	955	706	1090.11	10866
	Apr 2020	630	49	39	1029	17.3	22	1029	681	1085.59	10480
	May 2020	630	30	44	972	15.8	31	972	658	1081.26	10116
	Jun 2020	650	17	53	910	15.3	31	910	638	1077.55	9809
	Jul 2020	750	80	65	819	13.3	34	819	632	1076.53	9726
	Aug 2020	835	100	70	724	11.8	31	724	639	1077.80	9830
	Sep 2020	600	91	57	691	11.6	24	691	634	1076.86	9753
	WY 2020	**8230**	**784**	**544**	**8799**		**253**	**8799**			
	Oct 2020	640	82	42	458	7.5	26	458	646	1079.10	9936
	Nov 2020	640	54	42	580	9.8	18	580	649	1079.71	9987
	Dec 2020	720	51	37	542	8.8	14	542	660	1081.74	10156
	Jan 2021	860	83	30	569	9.3	9	569	681	1085.47	10469
	Feb 2021	750	91	28	651	11.7	9	651	690	1087.16	10613
	Mar 2021	800	57	31	972	15.8	18	972	680	1085.34	10458
	Apr 2021	710	49	39	1046	17.6	23	1046	659	1081.44	10131
	May 2021	710	30	44	989	16.1	32	989	639	1077.76	9826
	Jun 2021	750	17	52	926	15.6	32	926	624	1074.97	9598
	Jul 2021	850	80	65	835	13.6	34	835	624	1074.91	9594
	Aug 2021	900	100	69	740	12.0	32	740	633	1076.75	9744

* 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

RECLAMATION
Managing Water in the West

September 2019 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)
*	Sep 2018	725	-11	18	814	0	814	13.7	637.87	1561
	WY 2018	**9240**	**-103**	**198**	**8981**	**0**	**8981**			
H	Oct 2018	641	-11	15	635	0	635	10.3	637.08	1540
I	Nov 2018	690	-28	11	610	0	610	10.3	638.62	1581
S	Dec 2018	468	-14	9	386	0	386	6.3	640.79	1639
T	Jan 2019	487	-29	10	418	0	418	6.8	641.89	1668
O	Feb 2019	621	-6	10	569	0	569	10.2	643.20	1704
R	Mar 2019	738	7	13	749	0	749	12.2	642.57	1687
I	Apr 2019	902	0	17	886	0	886	14.9	642.52	1686
C	May 2019	989	-9	22	937	0	937	15.2	643.32	1707
A	Jun 2019	912	-12	25	886	0	886	14.9	642.89	1696
L	Jul 2019	946	-11	25	895	0	894	14.5	643.48	1712
*	Aug 2019	802	-11	23	800	0	800	13.0	642.31	1680
	Sep 2019	700	-12	18	811	0	811	13.6	637.00	1538
	WY 2019	**8895**	**-137**	**198**	**8582**	**0**	**8582**			
	Oct 2019	692	-4	15	647	0	647	10.5	638.00	1564
	Nov 2019	523	-19	11	467	0	467	7.8	639.01	1591
	Dec 2019	297	-12	9	283	0	283	4.6	638.70	1583
	Jan 2020	552	-16	10	443	0	443	7.2	641.80	1666
	Feb 2020	636	-13	10	613	0	613	10.6	641.80	1666
	Mar 2020	955	-15	13	892	0	892	14.5	643.05	1700
	Apr 2020	1029	-17	17	997	0	997	16.8	643.00	1699
	May 2020	972	-11	22	938	0	938	15.3	643.00	1699
	Jun 2020	910	-16	25	868	0	868	14.6	643.00	1699
	Jul 2020	819	-12	25	809	0	809	13.2	642.00	1671
	Aug 2020	724	-11	23	690	0	690	11.2	642.00	1671
	Sep 2020	691	-12	18	714	0	714	12.0	640.01	1618
	WY 2020	**8799**	**-159**	**198**	**8361**	**0**	**8361**			
	Oct 2020	458	-4	15	623	0	623	10.1	633.00	1434
	Nov 2020	580	-19	10	500	0	500	8.4	635.00	1486
	Dec 2020	542	-12	9	423	0	423	6.9	638.71	1583
	Jan 2021	569	-16	10	460	0	460	7.5	641.80	1666
	Feb 2021	651	-13	10	628	0	628	11.3	641.80	1666
	Mar 2021	972	-15	13	909	0	909	14.8	643.05	1700
	Apr 2021	1046	-17	17	1015	0	1015	17.0	643.00	1699
	May 2021	989	-11	22	955	0	955	15.5	643.00	1699
	Jun 2021	926	-16	25	884	0	884	14.9	643.00	1699
	Jul 2021	835	-12	25	826	0	826	13.4	642.00	1671
	Aug 2021	740	-11	23	706	0	706	11.5	642.00	1671

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2019 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	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)
*	Sep 2018	814	9	15	512	8.6	95	164	448.95	598	94	1.6
	WY 2018	**8981**	**100**	**139**	**6479**		**910**	**1431**			**1500**	
H	Oct 2018	635	23	12	394	6.4	86	176	448.12	582	68	1.1
I	Nov 2018	610	16	9	357	6.0	85	173	447.99	580	97	1.6
S	Dec 2018	386	26	7	218	3.5	70	143	446.53	552	105	1.7
T	Jan 2019	418	19	6	250	4.1	87	91	446.58	553	122	2.0
O	Feb 2019	569	13	8	372	6.7	31	151	447.53	571	143	2.6
R	Mar 2019	749	-5	9	630	10.2	11	83	447.86	577	185	3.0
I	Apr 2019	886	6	11	712	12.0	28	144	447.29	567	170	2.9
C	May 2019	937	8	13	693	11.3	51	154	448.62	592	128	2.1
A	Jun 2019	886	11	15	717	12.0	53	104	448.47	589	138	2.3
L	Jul 2019	894	15	17	739	12.0	59	92	448.12	582	146	2.4
*	Aug 2019	800	16	17	636	10.3	67	102	447.22	565	111	1.8
	Sep 2019	811	14	15	558	9.4	62	175	447.50	570	97	1.6
	WY 2019	**8582**	**162**	**140**	**6274**		**691**	**1586**			**1510**	
	Oct 2019	647	24	12	467	7.6	42	143	447.50	570	63	1.0
	Nov 2019	467	14	9	343	5.8	17	106	447.50	571	88	1.5
	Dec 2019	283	22	7	260	4.2	19	34	446.50	552	83	1.4
	Jan 2020	443	18	6	262	4.3	95	94	446.50	552	122	2.0
	Feb 2020	613	11	8	431	7.5	85	93	446.50	552	148	2.6
	Mar 2020	892	5	9	705	11.5	18	153	446.70	555	186	3.0
	Apr 2020	997	12	11	728	12.2	74	148	448.70	593	172	2.9
	May 2020	938	13	13	695	11.3	77	153	448.70	593	116	1.9
	Jun 2020	868	11	16	718	12.1	74	57	448.70	593	124	2.1
	Jul 2020	809	19	17	677	11.0	77	58	448.00	580	131	2.1
	Aug 2020	690	20	17	599	9.7	77	15	447.50	571	102	1.7
	Sep 2020	714	14	15	508	8.5	74	121	447.50	570	93	1.6
	WY 2020	**8361**	**182**	**139**	**6393**		**729**	**1175**			**1428**	
	Oct 2020	623	24	12	486	7.9	30	111	447.50	571	63	1.0
	Nov 2020	500	14	9	359	6.0	29	111	447.50	571	96	1.6
	Dec 2020	423	22	7	310	5.0	30	111	446.50	552	106	1.7
	Jan 2021	460	18	6	262	4.3	100	106	446.50	552	122	2.0
	Feb 2021	628	11	8	430	7.7	90	104	446.50	552	148	2.7
	Mar 2021	909	5	9	704	11.4	23	166	446.70	555	186	3.0
	Apr 2021	1015	12	11	726	12.2	80	161	448.70	593	172	2.9
	May 2021	955	13	13	694	11.3	83	166	448.70	593	116	1.9
	Jun 2021	884	11	16	717	12.0	80	69	448.70	593	124	2.1
	Jul 2021	826	19	17	676	11.0	83	69	448.00	580	131	2.1
	Aug 2021	706	20	17	598	9.7	83	26	447.50	571	102	1.7

* 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

RECLAMATION
Managing Water in the West

September 2019 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
*	Sep 2018	725	12.2	1078.29	9870	-49	434.15	1562.0	278.7	100	384.7
	WY 2018	**9240**							**3614.3**		
H	Oct 2018	641	10.4	1078.52	9889	19	435.29	1406.1	247.8	87	386.7
I	Nov 2018	690	11.6	1078.32	9872	-16	434.47	755.0	266.1	49	385.8
S	Dec 2018	453	7.6	1081.46	10132	260	438.59	959.9	179.6	61	396.6
T	Jan 2019	487	7.9	1085.75	10493	361	442.10	1006.1	183.4	63	376.8
O	Feb 2019	621	11.2	1087.97	10682	189	443.82	1119.0	246.4	70	396.7
R	Mar 2019	738	12.0	1090.24	10878	195	444.26	1112.0	295.7	70	400.6
I	Apr 2019	902	15.2	1088.95	10767	-111	439.99	810.1	365.4	51	405.2
C	May 2019	989	16.1	1086.48	10555	-211	440.79	803.9	398.2	51	402.5
A	Jun 2019	912	15.3	1084.71	10405	-150	439.38	1591.0	359.0	100	393.7
L	Jul 2019	946	15.4	1082.82	10246	-159	435.56	1486.0	371.7	93	392.7
*	Aug 2019	802	13.0	1083.45	10299	53	439.02	1297.0	313.5	81	391.0
	Sep 2019	700	11.8	1083.44	10298	-1	432.82	1494.1	272.1	93	388.9
	WY 2019	**8880**							**3498.8**		
	Oct 2019	692	11.3	1082.89	10252	-47	434.56	1403.0	269.3	88	389.1
	Nov 2019	523	8.8	1084.01	10346	94	434.94	1291.0	201.2	81	384.6
	Dec 2019	297	4.8	1089.06	10776	431	438.47	1213.0	111.8	74	377.1
	Jan 2020	552	9.0	1091.78	11011	235	441.91	1152.1	217.0	70	392.8
	Feb 2020	636	11.1	1092.79	11099	88	444.09	948.0	256.3	57	403.1
	Mar 2020	955	15.5	1090.11	10866	-233	441.68	1117.0	389.1	68	407.4
	Apr 2020	1029	17.3	1085.59	10480	-386	435.91	1365.9	408.1	85	396.7
	May 2020	972	15.8	1081.26	10116	-364	430.57	1480.0	380.5	94	391.7
	Jun 2020	910	15.3	1077.55	9809	-307	425.94	1562.0	350.2	100	385.0
	Jul 2020	819	13.3	1076.53	9726	-83	423.92	1552.0	315.9	100	385.7
	Aug 2020	724	11.8	1077.80	9830	104	424.37	1562.0	275.8	100	381.0
	Sep 2020	691	11.6	1076.86	9753	-77	425.18	1552.0	263.4	100	381.2
	WY 2020	**8799**							**3438.5**		
	Oct 2020	458	7.5	1079.10	9936	184	431.58	1054.0	178.1	67	388.7
	Nov 2020	580	9.8	1079.71	9987	51	435.27	1066.0	227.6	68	392.2
	Dec 2020	542	8.8	1081.74	10156	169	434.73	1087.1	209.4	68	386.6
	Jan 2021	569	9.3	1085.47	10469	314	435.37	1081.0	221.7	68	389.7
	Feb 2021	651	11.7	1087.16	10613	144	438.15	922.7	261.4	57	401.3
	Mar 2021	972	15.8	1085.34	10458	-155	436.51	1088.1	392.4	68	403.7
	Apr 2021	1046	17.6	1081.44	10131	-327	431.49	1336.0	411.9	85	393.6
	May 2021	989	16.1	1077.76	9826	-305	426.77	1459.3	378.0	94	382.2
	Jun 2021	926	15.6	1074.97	9598	-228	422.92	1538.1	354.5	100	383.0
	Jul 2021	835	13.6	1074.91	9594	-5	421.83	1537.8	321.2	100	384.5
	Aug 2021	740	12.0	1076.75	9744	150	423.04	1548.2	281.6	100	380.8

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2019 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
*	Sep 2018	814	13.7	637.87	1561	-119	136.59	255.0	101.2	100	124.3
	WY 2018	**8981**							**1126.3**		
H	Oct 2018	635	10.3	637.08	1540	-21	135.95	184.3	77.8	72	122.4
I	Nov 2018	610	10.3	638.62	1581	40	137.20	158.1	78.4	62	128.4
S	Dec 2018	386	6.3	640.79	1639	58	140.00	153.0	47.3	60	122.5
T	Jan 2019	418	6.8	641.89	1668	30	143.26	159.6	56.8	63	135.8
O	Feb 2019	569	10.2	643.20	1704	36	144.69	209.5	68.8	82	120.9
R	Mar 2019	749	12.2	642.57	1687	-17	140.17	218.8	94.8	86	126.6
I	Apr 2019	886	14.9	642.52	1686	-1	142.03	210.8	111.9	83	126.3
C	May 2019	937	15.2	643.32	1707	22	139.79	238.6	119.5	94	127.6
A	Jun 2019	886	14.9	642.89	1696	-12	140.50	255.0	113.6	100	128.3
L	Jul 2019	895	14.5	643.48	1712	16	142.50	255.0	113.2	100	126.5
*	Aug 2019	800	13.0	642.31	1680	-32	139.60	255.0	99.9	100	124.9
	Sep 2019	811	13.6	637.00	1538	-142	136.39	255.0	99.7	100	122.9
	WY 2019	**8582**							**1081.6**		
	Oct 2019	647	10.5	638.00	1564	26	135.43	227.0	79.0	89	122.0
	Nov 2019	467	7.8	639.01	1591	27	137.57	159.8	57.9	63	123.9
	Dec 2019	283	4.6	638.70	1583	-8	139.46	154.7	35.5	61	125.6
	Jan 2020	443	7.2	641.80	1666	83	139.61	156.3	55.7	61	125.8
	Feb 2020	613	10.6	641.80	1666	0	139.68	156.5	77.1	61	125.8
	Mar 2020	892	14.5	643.05	1700	34	138.85	194.1	111.6	76	125.1
	Apr 2020	997	16.8	643.00	1699	-1	138.68	249.9	124.6	98	124.9
	May 2020	938	15.3	643.00	1699	0	139.16	255.0	117.6	100	125.4
	Jun 2020	868	14.6	643.00	1699	0	139.39	255.0	109.0	100	125.6
	Jul 2020	809	13.2	642.00	1671	-27	139.41	255.0	101.6	100	125.6
	Aug 2020	690	11.2	642.00	1671	0	139.65	255.0	86.8	100	125.8
	Sep 2020	714	12.0	640.01	1618	-54	138.35	255.0	89.0	100	124.6
	WY 2020	**8361**							**1045.5**		
	Oct 2020	623	10.1	633.00	1434	-183	134.60	227.0	75.5	89	121.3
	Nov 2020	500	8.4	635.00	1486	51	132.83	159.8	59.8	63	119.7
	Dec 2020	423	6.9	638.71	1583	97	136.36	154.7	51.9	61	122.9
	Jan 2021	460	7.5	641.80	1666	83	139.49	156.3	57.8	61	125.7
	Feb 2021	628	11.3	641.80	1666	0	139.41	156.6	78.9	61	125.6
	Mar 2021	909	14.8	643.05	1700	34	138.75	194.1	113.7	76	125.0
	Apr 2021	1015	17.0	643.00	1699	-1	138.59	249.9	126.7	98	124.9
	May 2021	955	15.5	643.00	1699	0	139.06	255.0	119.7	100	125.3
	Jun 2021	884	14.9	643.00	1699	0	139.30	255.0	110.9	100	125.5
	Jul 2021	826	13.4	642.00	1671	-27	139.31	255.0	103.6	100	125.5
	Aug 2021	706	11.5	642.00	1671	0	139.55	255.0	88.7	100	125.7

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2019 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
*	Sep 2018	512	8.6	448.95	598	27	83.02	120.0	35.9	100	70.1
	WY 2018	**6479**							**451.7**		
H	Oct 2018	394	6.4	448.12	582	-16	82.83	90.0	27.9	75	70.9
I	Nov 2018	357	6.0	447.99	580	-3	82.25	93.0	26.1	78	73.0
S	Dec 2018	218	3.5	446.53	552	-27	81.03	116.1	12.9	97	59.1
T	Jan 2019	250	4.1	446.58	553	1	82.75	117.1	17.0	98	68.2
O	Feb 2019	372	6.7	447.53	571	18	81.87	95.4	25.5	79	68.6
R	Mar 2019	630	10.2	447.86	577	6	82.11	111.3	44.3	93	70.4
I	Apr 2019	712	12.0	447.29	567	-11	79.40	115.0	49.5	96	69.5
C	May 2019	673	11.3	448.62	592	25	80.51	119.0	48.6	99	72.2
A	Jun 2019	717	12.0	448.47	589	-3	80.43	120.0	50.3	100	70.2
L	Jul 2019	739	12.0	448.12	582	-7	80.11	120.0	51.4	100	69.5
*	Aug 2019	636	10.3	447.22	565	-17	77.13	120.0	44.2	100	69.4
	Sep 2019	558	9.4	447.50	570	5	74.75	120.0	36.3	100	65.1
	WY 2019	**6255**							**434.0**		
	Oct 2019	467	7.6	447.50	570	0	76.29	90.0	30.8	75	65.9
	Nov 2019	343	5.8	447.50	571	0	76.68	83.0	22.4	69	65.3
	Dec 2019	260	4.2	446.50	552	-19	74.65	114.2	16.2	95	62.3
	Jan 2020	262	4.3	446.50	552	0	75.07	94.8	16.4	79	62.7
	Feb 2020	431	7.5	446.50	552	0	75.16	93.1	28.0	78	65.1
	Mar 2020	705	11.5	446.70	555	4	74.01	120.0	45.8	100	64.9
	Apr 2020	728	12.2	448.70	593	38	75.08	120.0	47.9	100	65.9
	May 2020	695	11.3	448.70	593	0	76.05	120.0	46.2	100	66.5
	Jun 2020	718	12.1	448.70	593	0	76.05	120.0	47.8	100	66.6
	Jul 2020	677	11.0	448.00	580	-13	75.71	120.0	44.8	100	66.1
	Aug 2020	599	9.7	447.50	571	-9	75.13	120.0	39.2	100	65.5
	Sep 2020	508	8.5	447.50	570	0	74.89	120.0	33.0	100	65.0
	WY 2020	**6393**							**418.6**		
	Oct 2020	486	7.9	447.50	571	0	76.29	90.0	32.1	75	66.1
	Nov 2020	359	6.0	447.50	571	0	76.19	92.0	23.3	77	65.0
	Dec 2020	310	5.0	446.50	552	-19	74.86	109.4	19.7	91	63.3
	Jan 2021	262	4.3	446.50	552	0	75.07	94.8	16.4	79	62.7
	Feb 2021	430	7.7	446.50	552	0	75.21	92.1	28.1	77	65.2
	Mar 2021	704	11.4	446.70	555	4	74.01	120.0	45.7	100	64.9
	Apr 2021	726	12.2	448.70	593	38	75.08	120.0	47.8	100	65.9
	May 2021	694	11.3	448.70	593	0	76.05	120.0	46.1	100	66.5
	Jun 2021	717	12.0	448.70	593	0	76.05	120.0	47.7	100	66.6
	Jul 2021	676	11.0	448.00	580	-13	75.71	120.0	44.7	100	66.1
	Aug 2021	598	9.7	447.50	571	-9	75.13	120.0	39.1	100	65.4

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2019 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
*	Sep 2018	288	47	8	29	16	1
	Summer 2018	**2045**	**297**	**133**	**193**	**111**	**36**
H	Oct 2018	268	39	11	19	9	4
I	Nov 2018	248	36	5	4	2	5
S	Dec 2018	313	47	5	6	2	5
T	Jan 2019	335	47	4	6	1	4
O	Feb 2019	302	42	6	8	1	3
R	Mar 2019	325	22	6	9	4	3
	Winter 2019	**1790**	**233**	**36**	**51**	**19**	**24**
I	Apr 2019	294	27	9	14	10	4
C	May 2019	299	38	23	45	21	6
A	Jun 2019	332	82	33	64	22	8
L	Jul 2019	391	39	28	54	23	7
*	Aug 2019	412	42	24	49	22	7
	Sep 2019	282	42	27	32	15	3
	Summer 2019	**2011**	**271**	**143**	**259**	**112**	**36**
	Oct 2019	256	29	28	33	17	6
	Nov 2019	256	24	27	32	16	5
	Dec 2019	306	42	34	41	21	5
	Jan 2020	309	52	16	21	11	5
	Feb 2020	274	48	15	19	0	4
	Mar 2020	283	57	15	20	8	4
	Winter 2020	**1683**	**253**	**133**	**166**	**73**	**30**
	Apr 2020	255	25	18	27	15	5
	May 2020	259	27	58	102	23	7
	Jun 2020	274	68	20	32	21	8
	Jul 2020	321	36	19	25	14	10
	Aug 2020	356	36	22	27	14	8
	Sep 2020	255	35	24	29	14	2
	Summer 2020	**1720**	**227**	**162**	**242**	**102**	**40**
	Oct 2020	271	26	15	19	10	6
	Nov 2020	270	24	15	19	10	6
	Dec 2020	302	38	28	34	17	6
	Jan 2021	359	43	20	25	13	5
	Feb 2021	312	39	14	19	10	4
	Mar 2021	332	45	0	22	12	5
	Winter 2021	**1202**	**132**	**78**	**97**	**49**	**23**
	Apr 2021	294	43	0	34	19	6
	May 2021	298	25	2	95	23	7
	Jun 2021	322	69	17	29	20	9
	Jul 2021	369	40	23	29	17	10
	Aug 2021	390	43	24	29	15	9

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2019 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	Lake System 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****										
Sep 2019	337	45	237	10712	11332	17078	28410	337	45	237	620	10712	17078	28410	2270	700	0	31.9
Oct 2019	417	69	288	10891	11664	17079	28743	417	69	288	773	10891	17079	28743	3040	692	0	31.8
Nov 2019	447	110	287	10932	11776	17125	28902	447	110	287	845	10932	17125	28902	3810	523	0	31.7
Dec 2019	461	160	277	11021	11918	17031	28950	461	160	277	898	11021	17031	28950	4580	297	0	31.8
Jan 2020	536	239	281	11194	12249	16601	28850	536	239	281	1055	11194	16601	28850	5350	552	0	31.8
								****EFFECTIVE SPACE****										
Jan 2020	536	239	281	11194	12249	16601	28850	200	152	4	357	11194	16601	28151	5350	552	0	31.8
Feb 2020	632	262	288	11398	12580	16366	28946	297	176	11	484	11398	16366	28248	1500	636	0	31.7
Mar 2020	719	286	287	11514	12806	16278	29084	383	201	9	593	11514	16278	28385	1500	955	0	31.4
Apr 2020	782	299	268	11558	12907	16511	29418	445	214	-17	642	11558	16511	28710	1500	1029	0	31.3
May 2020	733	285	227	11405	12650	16897	29547	388	203	-83	508	11405	16897	28810	1500	972	0	32.3
Jun 2020	600	335	244	10110	11290	17261	28551	242	241	-105	378	10110	17261	27749	1500	910	0	33.8
Jul 2020	467	146	418	8402	9433	17568	27000	97	34	11	142	8402	17568	26112	1500	819	0	33.8
								****CREDITABLE SPACE****										
Aug 2020	388	105	468	8417	9378	17651	27030	388	105	468	961	8417	17651	27030	1500	724	0	33.4
Sep 2020	425	114	494	8780	9812	17547	27360	425	114	494	1033	8780	17547	27360	2270	691	0	33.0
Oct 2020	477	142	504	8945	10068	17624	27692	477	142	504	1123	8945	17624	27692	3040	458	0	32.8
Nov 2020	499	151	504	9099	10253	17441	27693	499	151	504	1154	9099	17441	27693	3810	580	0	32.7
Dec 2020	518	167	509	9271	10465	17390	27854	518	167	509	1194	9271	17390	27854	4580	542	0	32.6
Jan 2021	589	233	520	9499	10841	17221	28062	589	233	520	1342	9499	17221	28062	5350	569	0	32.5
								****EFFECTIVE SPACE****										
Jan 2021	589	233	520	9499	10841	17221	28062	337	128	229	694	9499	17221	27415	5350	569	0	32.5
Feb 2021	666	276	533	9851	11326	16908	28233	414	171	241	826	9851	16908	27585	1500	651	0	32.3
Mar 2021	729	302	535	10112	11677	16764	28441	475	198	242	915	10112	16764	27790	1500	972	0	32.0
Apr 2021	752	322	496	10257	11827	16919	28745	495	219	196	910	10257	16919	28086	1500	1046	0	32.0
May 2021	744	328	421	10060	11553	17246	28799	480	226	97	804	10060	17246	28110	1500	989	0	33.2
Jun 2021	579	362	363	8793	10097	17551	27648	303	244	-1	545	8793	17551	26890	1500	926	0	34.7
Jul 2021	393	185	463	7355	8396	17779	26175	102	42	42	186	7355	17779	25319	1500	835	0	34.8
								****CREDITABLE SPACE****										
Aug 2021	310	141	482	7304	8238	17783	26021	310	141	482	934	7304	17783	26021	1500	740	0	34.5

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