

July 24-Month Study
Date: July 13, 2018

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

Current Reservoir Status

Reservoir	June Inflow (unregulated) (acre-feet)	Percent of Average (%)	July 12, Midnight Elevation (feet)	July 12, Midnight Reservoir Storage (acre-feet)
Fontenelle	404,000	135	6,502.21	315,000
Flaming Gorge	435,000	112	6,034.97	3,545,000
Blue Mesa	56,000	21	7,470.91	442,000
Navajo	5,000	2	6,041.81	1,126,000
Powell	883,000	33	3,607.58	12,488,000

Expected Operations

The operation of Lake Powell and Lake Mead in this July 2018 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 2018 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2017 24-Month Study projections of the January 1, 2018, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2018.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell's operational tier in water year 2018 is the Upper Elevation Balancing Tier. With an 8.23 million acre-feet (maf) release from Lake Powell in water year 2018, the April 2018 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet above sea level (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 2018. 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 July 24-Month Study projects a balancing release of 9.0 maf in water year 2018.

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 2018.

The Interim Guidelines are available for download at:

<https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf>.

The 2018 AOP is available for download at:

<https://www.usbr.gov/lc/region/g4000/aop/AOP18.pdf>

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6500.80 feet, which amounts to 88 percent of live storage capacity. Inflows for the month of June totaled 403,585 acre-feet (af), or 135 percent of average. Average inflows are occurring and releases are being adjusted to maintain capacity in the reservoir. Releases are currently (July 9, 2018) 1,200 cfs.

The Colorado Basin River Forecast Center has forecasted summer inflows that are below average. July, August, and September forecasted inflow volumes amount to 136,000 af (77 percent of average), 70,000 af (91 percent of average), and 48,000 af (105 percent of average), respectively.

The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Jed Parker at 801-524-3816.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., August 23, 2018. The meeting will be held at the Joint Powers Water Board at 2 Telephone Canyon Road in Green River, WY

Flaming Gorge Reservoir – Releases are currently 2,000 cfs with fluctuations for hydropower occurring between approximately 1,400 cfs and approximately 2,200 cfs. Average daily releases will likely remain at 2,000 cfs through the coming months.

Unregulated inflow into Flaming Gorge Reservoir during the month of June was 401,300 af, or 103 percent of average. The current reservoir elevation is 6,035.10 feet (95 percent of live capacity) and is decreasing.

The July final forecast for inflows for the next three months projects below conditions: July, August, and September forecasted inflow volumes at 142,000 af (68 percent of average), 73,000 af (82 percent of average), and 51,000 af (93 percent of average), respectively. The July water supply forecast of the April through July unregulated inflow volume into Flaming Gorge Reservoir is 1,120 thousand acre-feet (kaf) which is 114 percent of average.

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. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Jed Parker at 801-524-3816.

The next Flaming Gorge Working Group meeting on Tuesday, August 28, 2018 at 11:00 a.m. at the DWR Office, 318 North Vernal Avenue, Vernal, Utah.

Aspinall Unit Reservoirs – Releases from Crystal Dam are approximately 1,700 cfs. Uncompahgre Valley Water Users Association is diverting approximately 1,050 cfs through the Gunnison Tunnel and flows through the Black Canyon are approximately 730 cfs. There currently is about a 80 cfs gain to the Gunnison River between Crystal Dam and the Gunnison Tunnel Diversion. Blue Mesa Reservoir elevation is 7573.37 feet (as of July 5, 2018) which corresponds to storage content of 458,849 acre-feet (55 percent of capacity).

The June unregulated inflow to Blue Mesa Reservoir was 55,795 af (51 percent of average). Unregulated Inflows to Blue Mesa for the next three months (July, August and September) are projected to be: 28,000 af (24 percent of average), 26,000 af (41 percent of average) and 24,000 af (63 percent of average), respectively. For water year 2018, the unregulated inflow volume is forecasted to be 459,000 af (48 percent of average) with 244,000 af (36 percent of average) forecasted unregulated inflow during the April through July period. The July 24-Month Study is reflective of this new forecast. Conditions are clearly very dry and Blue Mesa Reservoir will not fill this year. Current projections indicate Blue Mesa storage will continue to decrease through the rest of water year 2018 ending on September 30, 2018 with a projected elevation and storage of 7450.5 feet and 315,000 af (38 percent of capacity), respectively.

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 at 970-248-0629 or Rick Clayton at 801-524-3710.

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, August 16, 2018 at 1:00 p.m. at the at the Elk Creek Visitor Center at Blue Mesa Reservoir.

Navajo Reservoir – The current (July 2, 2018) release rate from Navajo Dam is 950 cfs and the observed inflow to Navajo Reservoir is 240 cfs. The Navajo Indian Irrigation Project (NIIP) is diverting 650 cfs. The reservoir elevation is 6043.7 feet which corresponds to a live storage of 1.154 maf (68 percent of live storage capacity). This

elevation also corresponds to an active storage of 0.485 maf (47 percent of active storage capacity). The river flow measured at the San Juan River at Four Corners USGS gage is 535 cfs. River flow at the Animas River at Farmington USGS gage is at 5 cfs. Releases from Navajo Dam are made for the authorized purposes of the Navajo Unit, and pursuant to the 2006 Record of Decision, to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Preliminary modified-unregulated inflow into Navajo in June was 5,819 af, which was 2 percent of average for the month. Modified-unregulated inflow to Navajo over the next three months (July, August, and September) are projected to be: 4,000 af (6 percent of average), 25,000 af (55 percent of average), and 25,000 af (58 percent of average), respectively.

The April-July modified-unregulated inflow runoff forecasts are as follows:

Min Probable: 165,000 af (22 percent of average, an increase of 4,000 af since the last forecast)

Most Probable: 168,000 af (23 percent of average, a decrease of 6,000 af since the last forecast)

Max Probable: 179,000 af (24 percent of average, a decrease of 12,000 af since the last forecast)

Releases for the remainder of the summer will be made to maintain the minimum target baseflow in the critical habitat reach and will likely range between 700 and 1,100 cfs.

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. For more information regarding these meetings contact Susan Behery at 970- 385-6560.

The next Navajo Public Operations Coordination Meeting is scheduled for Tuesday, August 21, 2018, at 1:00 p.m. at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The Department of the Interior is conducting the first experimental flow at Glen Canyon Dam since implementing its Long-Term Experimental and Management Plan (LTEMP).

The goal is to provide enhanced habitat for the lifecycle of aquatic insects that are the primary food source for fish in the Colorado River. Experiments under LTEMP consist of four different flow regimes: high flows, bug flows, trout management flows, and low summer flows. Collaborative discussions among technical experts resulted in a decision to begin this first experiment on May 1 and continue through August 31, 2018. It will slightly modify the schedule and flow rates of water releases from Lake Powell through Glen Canyon Dam, Arizona. The normally scheduled monthly and weekly release volumes will not be affected.

Flows during the experiment will include steady weekend water releases with routine hydropower production flows on weekdays that include normal hourly changes in release rates. Those steady weekend flows are expected to provide favorable conditions for aquatic insects to lay and cement their eggs to rocks, vegetation, and other materials near the river's edge. Steady weekend flows will be relatively low, within four inches of typical weekday low water levels. It is unlikely casual recreational river users will notice the changes in water levels.

Insects expected to benefit from this experiment are an important food source for many species of fish, birds, and bats in the canyon. Beyond expected resource benefits, this experiment will also provide scientific information that will be used in future decision making.

The unregulated inflow volume to Lake Powell during June was 883 kaf (33 percent of average). The release volume from Glen Canyon Dam in June was 760 kaf. The end of June elevation and storage of Lake Powell were 3,610 ft (90 feet from full pool) and 12.7 maf (52 percent of full capacity), respectively. The reservoir is projected to decline each month this water year with some reprieve during the smaller than normal spring runoff period.

Current Operations

The operating tier for water year 2018 was established in August 2017 as the Upper Elevation Balancing Tier. The April 2018 24-Month Study established that Lake Powell operations will be governed by balancing for the remainder of water year 2018. Under balancing, 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 June 24-Month Study projects a balancing release of 9.0 maf in water year 2018; the actual release in water year 2018, however, will depend on hydrology in the remainder of water year and will range from 8.23 to 9.0 maf. The projected release from Lake Powell in water year 2018 will be updated each month throughout the remainder of the water year. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2018.

In July, the release volume will be approximately 860 kaf, with fluctuations anticipated between about 10,180 cfs in the nighttime to about 18,180 cfs in the daytime and consistent with the Glen Canyon Dam, Record of Decision (dated December 2016). The

anticipated release volume for August is 900 kaf with daily fluctuations between approximately 10,500 cfs and 18,500 cfs.

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 April to July 2018 water supply forecast for unregulated inflow to Lake Powell, issued on July 2, 2018, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 2.675 maf (37 percent of average based on the period 1981-2010). The forecast decreased by 125 kaf since last month. There is still uncertainty regarding this year's water supply and the total inflow to Lake Powell. The spring runoff forecast ranges from a minimum probable of 2.34 maf (33 percent of average) to a maximum probable of 3.37 maf (47 percent of average). There is 10 percent chance that inflows could be higher than the maximum probable and a 10 percent chance they could be lower than the minimum probable.

As determined in the August 2017 24-Month Study, and documented in the 2018 Annual Operating Plan, Lake Powell's operations in water year 2018 will be governed by the Upper Elevation Balancing Tier. Starting with an 8.23 million acre-feet (maf) release from Lake Powell in water year 2018, the April 2018 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 2018. Under balancing, 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 July most probable inflow forecast, the annual release volume from Lake Powell during water year 2018 is projected to be 9.0 maf. Under the minimum probable

inflow scenario, the water year release is projected to be 9.0 maf. Under the maximum probable inflow scenario, the release is projected to be 9.0 maf. There is 10 percent chance that inflows will be lower than the current minimum probable forecast, potentially resulting in lower releases. However, inflows to Lake Powell so far this water year have been sufficient enough to preclude any release less than 9.0 maf. If inflows are greater than the current forecasted maximum probable inflow, the annual release will be 9.0 maf.

Based on the current forecast, the July 24-Month Study projects Lake Powell elevation will end water year 2018 near 3,596 feet with approximately 11.36 maf in storage (47 percent capacity). Projections of elevation and storage still have significant uncertainty at this point in the season, primarily due to uncertainty regarding spring runoff and the resulting inflow to Lake Powell. Under the minimum probable inflow scenario, updated in April, the projected end of water year elevation and storage are 3,589 feet and 10.7 maf (44 percent capacity), respectively. Under the maximum probable inflow scenario, updated in April, the projected end of water year elevation and storage are 3616 feet and 13.3 maf (55 percent capacity), respectively. Modeling of projected reservoir operations based on the minimum and maximum scenarios will be updated again in August.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 18-year period 2000 to 2017, 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 18 years. The period 2000-2017 is the lowest 18-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.76 maf, or 81 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 2000-2017 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 2017 unregulated inflow volume to Lake Powell was 11.9 maf (110 percent of average), the fourth year to be above average. Under the current most probable forecast, the total water year 2018 unregulated inflow to Lake Powell is projected to be 5.25 maf (48 percent of average).

At the beginning of water year 2018, total system storage in the Colorado River Basin was 32.9 maf (55 percent of 59.6 maf total system capacity). This is an increase of 2.7 maf over the total storage at the beginning of water year 2017 when total system storage was 30.2 maf (51 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 a low of 50 percent of capacity at the beginning of water year 2005. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2018 is approximately 29.0 maf (48 percent of total system capacity). The actual end of water year 2018 system storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and reservoir inflow. Based on the April minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2018

total system capacity is approximately 27.8 maf (47 percent of capacity) to 31.0 maf (52 percent of capacity), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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		jun	Forecast		Outlook		
:		mar	apr	may	jun	%Avg	jul	aug	sep	apr-jul %Avg
GLDA3: Lake Powell		332	382	1214	883	33%:	196/	215/	225/	2675/: 37%
GBRW4: Fontenelle		58	101	354	404	135%:	136/	70/	48/	995/: 137%
GRNU1: Flaming Gorge		86	121	422	435	111%:	142/	73/	51/	1120/: 114%
BMDC2: Blue Mesa		28	48	112	57	22%:	28/	26/	24/	245/: 36%
MPSC2: Morrow Point		29	54	121	57	20%:	28/	26/	26/	260/: 35%
CLSC2: Crystal		33	60	129	61	19%:	30/	28/	28/	280/: 34%
TPIC2: Taylor Park		4.6	8.5	24	13.2	32%:	6/	5/	5/	52/: 53%
VCRC2: Vallecito		3.9	14.9	29	11.7	17%:	5/	6/	7/	61/: 31%
NVRN5: Navajo		24	70	88	6.0	3%:	4/	25/	25/	168/: 23%
LEMC2: Lemon		0.61	3.1	7.5	2.3	11%:	1.1/	1.5/	1.5/	14/: 25%
MPHC2: McPhee		3.6	13.0	22	4.5	6%:	3/	3/	4/	43/: 15%
RBSC2: Ridgway		3.4	5.3	13.0	9.4	24%:	5/	4/	3/	33/: 33%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 2018 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)
* Jul 2017	332	3	88	230	319	6503.83	328
H Aug 2017	102	2	95	61	156	6496.34	271
I Sep 2017	66	2	69	4	72	6495.21	263
WY 2017	2319	15	379	1890	2270		
S Oct 2017	73	1	80	0	80	6494.03	255
T Nov 2017	62	1	78	0	78	6491.65	238
O Dec 2017	46	1	72	8	80	6486.39	204
R Jan 2018	42	1	79	1	80	6479.83	165
I Feb 2018	38	0	72	0	72	6472.86	131
C Mar 2018	58	0	16	56	71	6469.78	117
A Apr 2018	101	1	83	4	87	6472.76	130
L May 2018	354	2	100	123	223	6494.84	260
* Jun 2018	404	2	101	269	370	6499.18	292
Jul 2018	136	3	85	0	85	6505.44	341
Aug 2018	70	2	74	0	74	6504.67	335
Sep 2018	48	2	71	0	71	6501.43	310
WY 2018	1433	16	911	461	1371		
Oct 2018	52	1	74	0	74	6498.38	287
Nov 2018	47	1	71	0	71	6494.90	262
Dec 2018	40	1	74	0	74	6489.77	227
Jan 2019	35	1	74	0	74	6483.66	188
Feb 2019	32	1	67	0	67	6477.25	153
Mar 2019	50	0	77	0	77	6471.42	125
Apr 2019	80	1	92	0	92	6468.44	113
May 2019	150	1	97	5	103	6478.51	159
Jun 2019	270	2	101	39	140	6498.38	287
Jul 2019	175	3	102	18	120	6505.18	339
Aug 2019	66	2	69	0	69	6504.50	334
Sep 2019	43	2	67	0	67	6501.17	308
WY 2019	1040	15	965	62	1027		
Oct 2019	47	1	69	0	69	6498.01	284
Nov 2019	41	1	67	0	67	6494.33	258
Dec 2019	32	1	69	0	69	6488.69	220
Jan 2020	30	1	69	0	69	6482.39	180
Feb 2020	28	1	65	0	65	6475.23	143
Mar 2020	53	0	75	0	75	6470.17	120
Apr 2020	85	1	90	0	90	6468.94	115
May 2020	164	1	95	0	95	6482.72	182
Jun 2020	299	2	104	41	145	6504.55	334

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 2018 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)
*	Jul 2017	387	374	14	180	48	228	142	6034.61	3531	315
H	Aug 2017	120	174	13	143	0	143	143	6035.05	3548	173
I	Sep 2017	87	93	11	141	0	141	140	6033.63	3491	161
	WY 2017	3153	3104	81	2016	712	2728				4225
S	Oct 2017	88	95	8	107	0	107	140	6033.17	3473	151
T	Nov 2017	82	98	4	139	0	139	138	6032.07	3430	166
O	Dec 2017	52	86	2	174	0	174	135	6029.85	3343	197
R	Jan 2018	52	90	2	175	0	175	131	6027.65	3259	208
I	Feb 2018	57	91	2	155	1	157	129	6025.91	3194	197
C	Mar 2018	86	99	3	106	0	106	128	6025.65	3184	178
A	Apr 2018	121	108	5	101	0	101	128	6025.69	3186	277
L	May 2018	422	290	8	163	6	169	133	6028.57	3294	572
*	Jun 2018	435	401	11	125	0	125	143	6035.09	3550	278
	Jul 2018	142	91	14	120	0	120	141	6034.06	3508	142
	Aug 2018	73	77	13	123	0	123	139	6032.62	3451	139
	Sep 2018	51	74	11	125	0	125	136	6031.10	3392	135
	WY 2018	1661	1600	83	1613	7	1620				2638
	Oct 2018	64	86	7	111	0	111	135	6030.30	3361	138
	Nov 2018	60	84	4	107	0	107	134	6029.64	3335	135
	Dec 2018	41	75	2	111	0	111	133	6028.70	3299	134
	Jan 2019	45	84	2	111	0	111	132	6027.98	3272	131
	Feb 2019	45	80	2	100	0	100	131	6027.40	3250	119
	Mar 2019	95	122	3	138	0	138	130	6026.91	3231	203
	Apr 2019	130	142	5	134	0	134	130	6026.99	3234	324
	May 2019	195	148	8	197	0	197	128	6025.53	3180	687
	Jun 2019	325	195	10	167	0	167	129	6026.00	3197	602
	Jul 2019	200	145	13	92	0	92	130	6027.01	3235	167
	Aug 2019	75	78	12	92	0	92	129	6026.33	3210	111
	Sep 2019	50	74	11	89	0	89	128	6025.65	3184	103
	WY 2019	1325	1312	79	1448	0	1448				2853
	Oct 2019	55	78	7	92	0	92	127	6025.10	3164	119
	Nov 2019	50	75	3	89	0	89	127	6024.65	3147	118
	Dec 2019	35	72	2	92	0	92	126	6024.07	3126	118
	Jan 2020	40	79	2	92	0	92	125	6023.69	3112	117
	Feb 2020	45	82	2	86	0	86	125	6023.51	3105	114
	Mar 2020	102	125	3	61	0	61	127	6025.09	3163	138
	Apr 2020	134	138	5	60	0	60	130	6026.99	3234	275
	May 2020	245	176	8	191	0	191	129	6026.43	3213	723
	Jun 2020	390	235	10	167	0	167	132	6027.92	3270	587

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 2018 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir



	Regulated Inflow	Total Release	Reservoir Elev End of Month	Live Storage
Date	(1000 Ac-Ft)	(1000 Ac-Ft)	(Ft)	(1000 Ac-Ft)
* Jul 2017	24	26	9326.95	100
H Aug 2017	12	25	9320.31	88
I Sep 2017	8	18	9314.58	77
WY 2017	179	173		
S Oct 2017	8	8	9314.93	78
T Nov 2017	6	6	9315.09	78
O Dec 2017	4	6	9313.84	76
R Jan 2018	4	6	9312.64	74
I Feb 2018	4	6	9311.50	72
C Mar 2018	5	6	9310.51	71
A Apr 2018	8	7	9311.18	72
L May 2018	24	12	9318.33	84
* Jun 2018	13	15	9317.29	82
Jul 2018	6	18	9309.84	70
Aug 2018	5	15	9302.96	59
Sep 2018	5	12	9297.96	52
WY 2018	93	118		
Oct 2018	4	4	9298.24	53
Nov 2018	3	3	9298.24	53
Dec 2018	3	3	9298.17	53
Jan 2019	3	3	9298.09	53
Feb 2019	2	3	9297.48	52
Mar 2019	3	3	9297.40	52
Apr 2019	5	10	9293.38	47
May 2019	23	16	9299.30	54
Jun 2019	35	21	9308.93	68
Jul 2019	14	24	9302.56	59
Aug 2019	7	20	9292.96	46
Sep 2019	6	15	9284.65	37
WY 2019	108	123		
Oct 2019	6	7	9283.46	36
Nov 2019	5	5	9283.19	36
Dec 2019	5	5	9282.64	35
Jan 2020	4	5	9281.73	34
Feb 2020	4	5	9280.53	33
Mar 2020	4	8	9276.41	30
Apr 2020	9	8	9277.31	31
May 2020	28	30	9275.24	29
Jun 2020	42	30	9287.87	41

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 2018 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)
*	Jul 2017	135	137	2	113	0	110	7518.20	819
H	Aug 2017	84	96	1	111	0	111	7516.38	802
I	Sep 2017	35	45	1	115	0	114	7508.43	732
	WY 2017	1245	1238	9	987	101	1163		
S	Oct 2017	37	37	1	102	0	102	7500.64	667
T	Nov 2017	32	32	0	40	0	40	7499.68	659
O	Dec 2017	25	27	0	93	0	93	7491.44	593
R	Jan 2018	20	22	0	60	0	60	7486.51	554
I	Feb 2018	23	25	0	32	0	32	7485.54	547
C	Mar 2018	28	29	0	43	0	43	7483.73	534
A	Apr 2018	48	47	1	82	0	82	7478.94	498
L	May 2018	112	100	1	85	0	85	7480.90	513
*	Jun 2018	56	57	1	98	0	98	7475.06	471
	Jul 2018	28	40	1	105	0	105	7465.34	405
	Aug 2018	26	36	1	81	0	81	7458.01	359
	Sep 2018	24	31	1	73	0	73	7450.60	316
	WY 2018	459	484	7	893	0	893		
	Oct 2018	24	24	0	46	0	46	7446.54	294
	Nov 2018	21	21	0	18	0	18	7447.10	297
	Dec 2018	18	18	0	19	0	19	7447.00	296
	Jan 2019	16	16	0	20	0	20	7446.34	292
	Feb 2019	14	15	0	18	0	18	7445.63	289
	Mar 2019	25	25	0	23	0	23	7445.88	290
	Apr 2019	54	59	1	49	0	49	7447.74	300
	May 2019	174	167	1	169	0	169	7447.09	297
	Jun 2019	250	236	1	45	0	45	7477.28	486
	Jul 2019	90	100	1	74	0	74	7480.63	511
	Aug 2019	48	61	1	77	0	77	7478.22	493
	Sep 2019	36	45	1	71	0	71	7474.38	466
	WY 2019	770	785	7	629	0	629		
	Oct 2019	37	38	0	44	0	44	7473.40	459
	Nov 2019	31	31	0	12	0	12	7476.00	477
	Dec 2019	26	26	0	12	0	12	7478.01	492
	Jan 2020	24	25	0	12	0	12	7479.87	505
	Feb 2020	22	23	0	11	0	11	7481.57	518
	Mar 2020	36	40	0	17	0	17	7484.51	539
	Apr 2020	77	76	1	42	0	42	7488.93	573
	May 2020	221	223	1	167	0	167	7495.93	628
	Jun 2020	261	249	1	106	0	106	7512.77	770

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 2018 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)
*	Jul 2017	139	110	4	114	37	0	111	7155.13	113
H	Aug 2017	86	111	2	113	0	0	115	7152.68	111
I	Sep 2017	35	114	0	115	92	0	112	7155.62	114
	WY 2017	1314	1163	69	1232	893	0	1226		
S	Oct 2017	38	102	1	103	105	0	105	7153.17	112
T	Nov 2017	34	40	1	41	42	0	42	7152.45	111
O	Dec 2017	26	93	1	94	94	0	94	7152.45	111
R	Jan 2018	22	60	2	62	62	0	63	7150.65	110
I	Feb 2018	24	32	1	33	34	0	34	7149.19	108
C	Mar 2018	29	43	1	44	49	0	49	7143.05	104
A	Apr 2018	54	82	6	87	79	0	79	7154.30	112
L	May 2018	121	85	8	94	94	0	94	7153.76	112
*	Jun 2018	57	98	2	99	99	0	99	7154.16	112
	Jul 2018	28	105	0	105	105	0	105	7153.73	112
	Aug 2018	26	81	0	81	81	0	81	7153.73	112
	Sep 2018	26	73	2	75	75	0	75	7153.73	112
	WY 2018	485	893	26	919	918	0	920		
	Oct 2018	25	46	1	47	47	0	47	7153.73	112
	Nov 2018	22	18	1	19	19	0	19	7153.73	112
	Dec 2018	19	19	1	20	20	0	20	7153.73	112
	Jan 2019	17	20	1	21	21	0	21	7153.73	112
	Feb 2019	14	18	0	18	18	0	18	7153.73	112
	Mar 2019	26	23	1	24	24	0	24	7153.73	112
	Apr 2019	62	49	8	57	57	0	57	7153.73	112
	May 2019	190	169	16	185	185	0	185	7153.73	112
	Jun 2019	265	45	15	60	60	0	60	7153.73	112
	Jul 2019	93	74	3	77	77	0	77	7153.73	112
	Aug 2019	51	77	3	80	80	0	80	7153.73	112
	Sep 2019	36	71	0	71	71	0	71	7153.73	112
	WY 2019	820	629	50	679	679	0	679		
	Oct 2019	38	44	1	45	45	0	45	7153.73	112
	Nov 2019	32	12	1	14	14	0	14	7153.73	112
	Dec 2019	28	12	2	14	14	0	14	7153.73	112
	Jan 2020	27	12	2	14	14	0	14	7153.73	112
	Feb 2020	25	11	3	13	13	0	13	7153.73	112
	Mar 2020	40	17	4	21	21	0	21	7153.73	112
	Apr 2020	88	42	11	53	53	0	53	7153.73	112
	May 2020	247	167	26	193	193	0	193	7153.73	112
	Jun 2020	281	106	20	126	126	0	126	7153.73	112

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 2018 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)
* Jul 2017	148	111	8	119	96	25	121	6746.24	15	63	60
H Aug 2017	89	115	3	119	119	0	119	6744.79	15	62	58
I Sep 2017	39	112	4	116	115	0	115	6748.63	16	59	56
WY 2017	1423	1226	109	1335	751	350	1334			413	929
S Oct 2017	43	105	5	110	109	0	109	6751.20	16	55	53
T Nov 2017	38	42	4	46	46	0	46	6749.89	16	1	46
O Dec 2017	29	94	3	97	97	0	97	6749.23	16	1	98
R Jan 2018	25	63	3	66	62	4	66	6747.99	16	1	65
I Feb 2018	27	34	3	37	16	20	36	6750.06	16	0	34
C Mar 2018	33	49	4	52	53	0	53	6747.97	16	13	38
A Apr 2018	60	79	6	84	84	0	84	6749.35	16	53	28
L May 2018	129	94	9	102	102	0	102	6749.41	16	62	40
* Jun 2018	61	99	3	102	102	0	102	6750.48	16	63	44
Jul 2018	30	105	2	107	107	0	107	6753.04	17	63	44
Aug 2018	28	81	2	83	83	0	83	6753.04	17	65	18
Sep 2018	28	75	2	77	77	0	77	6753.04	17	55	22
WY 2018	531	920	46	965	938	26	964			433	530
Oct 2018	27	47	2	49	49	0	49	6753.04	17	30	19
Nov 2018	24	19	2	21	21	0	21	6753.04	17	0	21
Dec 2018	21	20	2	22	22	0	22	6753.04	17	0	22
Jan 2019	18	21	1	22	22	0	22	6753.04	17	0	22
Feb 2019	15	18	1	19	19	0	19	6753.04	17	0	19
Mar 2019	28	24	2	26	26	0	26	6753.04	17	5	21
Apr 2019	65	57	3	60	60	0	60	6753.04	17	42	18
May 2019	210	185	20	205	134	71	205	6753.04	17	62	143
Jun 2019	290	60	25	85	85	0	85	6753.04	17	61	24
Jul 2019	99	77	6	83	83	0	83	6753.04	17	65	18
Aug 2019	54	80	3	83	83	0	83	6753.04	17	65	18
Sep 2019	39	71	3	74	74	0	74	6753.04	17	55	19
WY 2019	890	679	70	749	678	71	749			385	364
Oct 2019	42	45	4	49	49	0	49	6753.04	17	30	19
Nov 2019	36	14	4	18	18	0	18	6753.04	17	0	18
Dec 2019	32	14	5	18	18	0	18	6753.04	17	0	18
Jan 2020	31	14	5	18	18	0	18	6753.04	17	0	18
Feb 2020	29	13	4	17	17	0	17	6753.04	17	0	17
Mar 2020	46	21	6	28	28	0	28	6753.04	17	5	23
Apr 2020	101	53	12	65	65	0	65	6753.04	17	42	23
May 2020	281	193	34	227	134	93	227	6753.04	17	62	165
Jun 2020	315	126	34	160	130	30	160	6753.04	17	61	99

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 2018 24-Month Study

Most Probable Inflow*

Vallecito Reservoir



	Regulated Inflow	Total Release	Reservoir Elev End of Month	Live Storage
Date	(1000 Ac-Ft)	(1000 Ac-Ft)	(Ft)	(1000 Ac-Ft)
* Jul 2017	30	39	7660.94	115
H Aug 2017	19	33	7655.15	100
I Sep 2017	9	34	7644.31	74
WY 2017	303	297		
S Oct 2017	4	22	7638.22	61
T Nov 2017	3	2	7639.49	63
O Dec 2017	1	1	7640.27	65
R Jan 2018	2	0	7641.42	67
I Feb 2018	1	0	7642.57	70
C Mar 2018	3	0	7644.11	73
A Apr 2018	9	3	7649.29	85
L May 2018	30	31	7648.91	84
* Jun 2018	14	35	7639.22	63
Jul 2018	5	25	7628.52	42
Aug 2018	6	23	7617.06	25
Sep 2018	7	18	7606.72	14
WY 2018	84	161		
Oct 2018	7	10	7602.43	11
Nov 2018	4	2	7605.16	13
Dec 2018	3	2	7606.49	14
Jan 2019	3	2	7607.75	15
Feb 2019	2	2	7608.06	16
Mar 2019	4	2	7610.21	18
Apr 2019	16	2	7621.86	32
May 2019	54	31	7635.14	54
Jun 2019	63	44	7644.00	73
Jul 2019	25	42	7635.79	56
Aug 2019	16	38	7623.08	33
Sep 2019	13	30	7609.23	17
WY 2019	210	205		
Oct 2019	13	17	7604.38	12
Nov 2019	8	2	7611.11	19
Dec 2019	6	2	7615.15	23
Jan 2020	5	2	7618.02	27
Feb 2020	5	2	7620.28	30
Mar 2020	9	2	7624.84	36
Apr 2020	23	2	7636.70	57
May 2020	71	70	7637.26	59
Jun 2020	70	70	7637.16	58

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 2018 24-Month Study

Most Probable Inflow*

Navajo Reservoir



	Mod Unreg Inflow	Azetea Tunnel Div	Reg Inflow	Evap Losses	NIIP Diversion	Total Release	Reservoir Elev End of Month	Live Storage	Farmington Flow
Date	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)
* Jul 2017	49	11	48	4	43	38	6061.00	1361	88
H Aug 2017	30	5	38	4	35	36	6058.07	1323	55
I Sep 2017	9	2	33	3	23	42	6055.28	1289	48
WY 2017	1157	160	991	28	198	785			1410
S Oct 2017	38	2	49	2	8	32	6055.89	1296	52
T Nov 2017	19	0	16	1	0	25	6055.04	1286	41
O Dec 2017	10	0	9	1	0	24	6053.69	1270	40
R Jan 2018	12	0	9	1	0	23	6052.47	1255	40
I Feb 2018	14	0	11	1	1	18	6051.73	1246	33
C Mar 2018	24	2	19	2	6	21	6050.92	1236	30
A Apr 2018	70	13	46	2	20	38	6049.73	1222	42
L May 2018	88	16	71	3	36	32	6049.80	1223	71
* Jun 2018	5	3	23	4	42	41	6044.23	1159	59
Jul 2018	4	0	24	4	56	47	6036.53	1076	59
Aug 2018	25	0	42	3	48	47	6031.06	1019	59
Sep 2018	25	0	36	2	27	39	6027.84	987	52
WY 2018	334	36	355	24	245	387			578
Oct 2018	22	0	25	1	11	26	6026.50	974	38
Nov 2018	20	0	18	1	1	21	6025.98	969	29
Dec 2018	15	0	14	0	1	22	6025.00	959	29
Jan 2019	15	0	14	0	0	22	6024.15	951	28
Feb 2019	19	0	19	1	0	19	6024.00	950	24
Mar 2019	54	0	52	1	5	22	6026.45	973	32
Apr 2019	110	2	94	2	21	21	6031.46	1023	50
May 2019	230	7	200	3	36	22	6044.60	1163	136
Jun 2019	180	3	158	4	52	27	6051.14	1239	144
Jul 2019	35	0	52	4	57	31	6047.72	1199	81
Aug 2019	30	0	52	3	48	36	6044.67	1164	65
Sep 2019	30	0	47	2	26	31	6043.46	1151	54
WY 2019	760	12	743	23	258	299			709
Oct 2019	37	0	42	2	10	47	6041.97	1134	70
Nov 2019	30	0	24	1	0	34	6041.01	1124	50
Dec 2019	25	0	21	1	0	25	6040.55	1119	40
Jan 2020	22	0	18	1	0	22	6040.17	1115	36
Feb 2020	30	0	27	1	0	30	6039.81	1111	43
Mar 2020	92	0	86	1	6	92	6038.53	1097	114
Apr 2020	170	2	146	2	22	170	6034.01	1049	223
May 2020	277	7	269	3	36	277	6029.33	1002	423
Jun 2020	224	3	221	3	53	224	6023.32	943	375

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 2018 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)
*	Jul 2017	1073	889	64	850	0	850	3634.69	5284	15385	875
H	Aug 2017	446	495	63	900	0	900	3630.88	5250	14952	929
I	Sep 2017	196	410	57	663	0	663	3628.31	5227	14664	671
	WY 2017	11905	11396	409	8874	126	9000				9152
S	Oct 2017	449	533	39	640	0	640	3627.09	5216	14530	634
T	Nov 2017	387	454	37	630	0	630	3625.29	5200	14332	619
O	Dec 2017	299	483	29	740	0	740	3622.85	5179	14068	733
R	Jan 2018	262	442	9	860	0	860	3619.14	5147	13672	861
I	Feb 2018	269	387	10	730	0	730	3616.02	5121	13346	750
C	Mar 2018	332	395	16	800	0	800	3612.23	5090	12956	835
A	Apr 2018	382	419	25	705	0	705	3609.39	5067	12669	738
L	May 2018	1214	968	29	705	0	705	3611.54	5085	12886	730
*	Jun 2018	883	635	45	760	0	760	3609.98	5072	12728	783
	Jul 2018	196	350	53	860	0	860	3604.73	5030	12207	879
	Aug 2018	215	391	51	900	0	900	3599.35	4989	11689	918
	Sep 2018	225	389	46	671	0	671	3596.14	4965	11386	682
	WY 2018	5113	5847	388	9000	0	9000				9160
	Oct 2018	360	444	31	640	0	640	3593.87	4948	11175	646
	Nov 2018	380	426	30	640	0	640	3591.42	4930	10949	640
	Dec 2018	300	378	23	720	0	720	3587.67	4903	10611	725
	Jan 2019	280	356	7	860	0	860	3582.30	4865	10138	871
	Feb 2019	280	340	7	750	0	750	3577.79	4834	9751	754
	Mar 2019	460	475	12	800	0	800	3574.06	4809	9439	805
	Apr 2019	720	652	19	710	0	710	3573.20	4803	9368	718
	May 2019	1700	1531	23	710	0	710	3581.95	4862	10107	716
	Jun 2019	2250	1788	38	750	0	750	3592.34	4936	11033	758
	Jul 2019	760	689	47	850	0	850	3590.22	4921	10841	869
	Aug 2019	370	470	46	900	0	900	3585.29	4886	10400	918
	Sep 2019	340	442	42	670	0	670	3582.44	4866	10150	681
	WY 2019	8200	7991	325	9000	0	9000				9100
	Oct 2019	455	519	28	640	0	640	3580.84	4855	10012	646
	Nov 2019	447	472	27	640	0	640	3578.72	4840	9831	640
	Dec 2019	363	406	21	720	0	720	3575.03	4815	9520	725
	Jan 2020	361	400	6	860	0	860	3569.77	4781	9089	871
	Feb 2020	393	423	6	750	0	750	3565.90	4756	8780	754
	Mar 2020	665	612	11	800	0	800	3563.55	4741	8596	805
	Apr 2020	1056	970	17	710	0	710	3566.41	4759	8820	718
	May 2020	2343	2277	22	710	0	710	3583.60	4874	10251	716
	Jun 2020	2666	2343	39	750	0	750	3599.37	4989	11690	758

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 2018 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)
* Jul 2017	885	-5	26	809	0	809	13.2	644.65	1744
H Aug 2017	683	-8	23	707	0	707	11.5	642.64	1689
I Sep 2017	600	-11	18	656	0	656	11.0	639.47	1603
WY 2017	8620	-183	199	8261	0	8261			
S Oct 2017	596	-2	15	671	0	671	10.9	636.00	1512
T Nov 2017	731	-18	11	595	0	595	10.0	640.07	1619
O Dec 2017	594	-16	9	552	0	552	9.0	640.68	1636
R Jan 2018	449	2	10	437	0	437	7.1		1641
I Feb 2018	687	-4	10	611	0	611	11.0	643.18	1704
C Mar 2018	833	-1	13	836	0	836	13.6	642.57	1687
A Apr 2018	1015	-3	17	1001	0	1001	16.8	642.40	1682
L May 2018	1055	-11	22	1001	0	1001	16.3	643.17	1703
* Jun 2018	986	-21	26	909	0	909	15.3	644.29	1734
Jul 2018	834	-15	25	842	0	842	13.7	642.50	1685
Aug 2018	740	-12	23	719	0	719	11.7	642.00	1671
Sep 2018	795	-12	18	818	0	818	13.7	640.01	1617
WY 2018	9315	-113	198	8989	0	8989			
Oct 2018	604	-4	15	769	0	769	12.5	633.00	1434
Nov 2018	761	-12	10	686	0	686	11.5	635.00	1486
Dec 2018	677	-12	9	559	0	559	9.1	638.71	1583
Jan 2019	619	-19	10	507	0	507	8.2	641.80	1666
Feb 2019	685	-15	10	660	0	660	11.9	641.80	1666
Mar 2019	1055	-17	13	990	0	990	16.1	643.05	1700
Apr 2019	1059	-20	17	1024	0	1024	17.2	643.00	1699
May 2019	967	-12	22	933	0	933	15.2	643.00	1699
Jun 2019	907	-15	25	867	0	867	14.6	643.00	1699
Jul 2019	826	-15	25	812	0	812	13.2	642.00	1671
Aug 2019	740	-12	23	706	0	706	11.5	642.00	1671
Sep 2019	734	-12	18	757	0	757	12.7	640.01	1618
WY 2019	9633	-166	197	9269	0	9269			
Oct 2019	510	-4	15	675	0	675	11.0	633.00	1434
Nov 2019	670	-12	10	595	0	595	10.0	635.00	1486
Dec 2019	594	-12	9	476	0	476	7.7	638.71	1583
Jan 2020	607	-19	10	495	0	495	8.1	641.80	1666
Feb 2020	663	-15	10	638	0	638	11.1	641.80	1666
Mar 2020	988	-17	13	923	0	923	15.0	643.05	1700
Apr 2020	997	-20	17	962	0	962	16.2	643.00	1699
May 2020	917	-12	22	882	0	882	14.3	643.00	1699
Jun 2020	929	-15	25	888	0	888	14.9	643.00	1699

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 2018 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)
*	Jul 2017	809	18	17	666	10.8	58	71	448.63	592	131	2.1
H	Aug 2017	707	12	17	570	9.3	58	70	448.28	585	102	1.7
I	Sep 2017	656	16	15	481	8.1	56	134	447.17	564	104	1.7
	WY 2017	8261	220	140	6204		664	1406			1513	
S	Oct 2017	671	9	12	478	7.8	69	131	446.27	548	65	1.1
T	Nov 2017	595	12	9	349	5.9	89	127	447.86	577	99	1.7
O	Dec 2017	552	17	7	335	5.5	100	144	446.80	557	109	1.8
R	Jan 2018	437	3	6	329	5.3	29	90	445.81	539	125	2.0
I	Feb 2018	611	3	8	429	7.7	12	109	448.52	590	145	2.6
C	Mar 2018	836	-3	9	637	10.4	61	139	447.46	570	195	3.2
A	Apr 2018	1001	-8	11	735	12.4	75	168	447.13	564	175	2.9
L	May 2018	1001	10	13	697	11.3	87	178	448.51	590	124	2.0
*	Jun 2018	909	6	15	712	12.0	91	88	448.43	588	136	2.3
	Jul 2018	842	21	17	668	10.9	99	74	448.00	580	132	2.2
	Aug 2018	719	23	17	590	9.6	99	33	447.50	571	93	1.5
	Sep 2018	818	17	15	533	9.0	96	181	447.50	570	96	1.6
	WY 2018	8989	109	139	6492		908	1462			1495	
	Oct 2018	769	23	12	487	7.9	99	187	447.50	571	65	1.1
	Nov 2018	686	16	9	405	6.8	95	187	447.50	571	99	1.7
	Dec 2018	559	18	7	301	4.9	98	186	446.50	552	109	1.8
	Jan 2019	507	21	6	318	5.2	78	121	446.50	552	138	2.2
	Feb 2019	660	11	8	485	8.7	51	121	446.50	552	160	2.9
	Mar 2019	990	7	9	718	11.7	69	189	446.70	555	198	3.2
	Apr 2019	1024	16	11	710	11.9	88	184	448.70	593	175	2.9
	May 2019	933	15	13	642	10.4	90	189	448.70	593	104	1.7
	Jun 2019	867	13	16	683	11.5	88	79	448.70	593	105	1.8
	Jul 2019	812	21	17	647	10.5	90	79	448.00	580	111	1.8
	Aug 2019	706	23	17	589	9.6	90	29	447.50	571	100	1.6
	Sep 2019	757	17	15	509	8.6	88	152	447.50	570	89	1.5
	WY 2019	9269	200	139	6494		1027	1703			1452	
	Oct 2019	675	23	12	490	8.0	48	141	447.50	571	74	1.2
	Nov 2019	595	16	9	408	6.9	48	141	447.50	571	116	1.9
	Dec 2019	476	18	7	313	5.1	48	141	446.50	552	131	2.1
	Jan 2020	495	21	6	313	5.1	86	106	446.50	552	134	2.2
	Feb 2020	638	11	8	479	8.3	57	100	446.50	552	155	2.7
	Mar 2020	923	7	9	708	11.5	76	125	446.70	555	191	3.1
	Apr 2020	962	16	11	699	11.7	97	125	448.70	593	168	2.8
	May 2020	882	15	13	635	10.3	99	137	448.70	593	100	1.6
	Jun 2020	888	13	16	675	11.3	97	100	448.70	593	102	1.7

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 2018 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
*	Jul 2017	885	14.4	1079.03	9931	-40	432.24	1499.0	341.1	94	385.5
H	Aug 2017	683	11.1	1081.44	10131	200	436.25	1478.1	261.0	93	382.0
I	Sep 2017	600	10.1	1082.05	10182	51	440.10	976.1	230.7	66	384.8
WY 2017		8620							3347.1		
S	Oct 2017	596	9.7	1082.30	10202	21	441.43	976.1	229.0	66	384.2
T	Nov 2017	731	12.3	1080.95	10090	-113	435.01	996.0	287.9	63	393.6
O	Dec 2017	594	9.7	1082.52	10221	131	439.05	821.0	235.7	52	396.6
R	Jan 2018	449	7.3	1087.50	10642	421	442.14	834.0	176.5	51	392.9
I	Feb 2018	687	12.4	1088.21	10703	61	441.97	1220.1	275.0	75	400.3
C	Mar 2018	833	13.5	1088.11	10694	-9	442.23	1005.9	333.9	62	400.8
A	Apr 2018	1015	17.1	1084.49	10387	-308	437.15	880.9	406.2	55	400.0
L	May 2018	1055	17.1	1080.00	10011	-376	432.39	1385.9	412.1	88	390.8
*	Jun 2018	986	16.6	1076.81	9748	-263	428.91	1552.0	378.6	100	384.1
	Jul 2018	834	13.6	1076.87	9753	5	423.13	1552.0	321.5	100	385.7
	Aug 2018	740	12.0	1078.79	9911	157	424.86	1562.0	282.9	100	382.4
	Sep 2018	795	13.4	1077.60	9813	-98	426.03	1552.0	308.0	100	387.7
WY 2018		9315							3647.4		
	Oct 2018	604	9.8	1077.99	9845	32	430.49	1178.0	234.0	76	387.2
	Nov 2018	761	12.8	1076.57	9729	-116	433.08	1060.0	302.3	68	397.5
	Dec 2018	677	11.0	1077.05	9768	39	429.46	1248.0	260.6	80	384.9
	Jan 2019	619	10.1	1080.21	10029	261	430.93	990.0	242.0	63	391.2
	Feb 2019	685	12.3	1081.53	10138	110	432.16	999.0	271.5	63	396.6
	Mar 2019	1055	17.2	1078.69	9903	-235	430.90	993.0	422.2	64	400.2
	Apr 2019	1059	17.8	1074.54	9563	-340	425.94	1135.9	415.9	74	392.8
	May 2019	967	15.7	1071.08	9286	-278	422.18	1116.0	375.5	74	388.3
	Jun 2019	907	15.2	1068.37	9070	-215	416.35	1499.0	341.3	100	376.1
	Jul 2019	826	13.4	1068.44	9076	6	415.37	1499.0	312.2	100	378.2
	Aug 2019	740	12.0	1070.46	9236	160	416.73	1512.0	277.8	100	375.3
	Sep 2019	734	12.3	1069.98	9198	-39	418.13	1512.0	277.0	100	377.5
WY 2019		9633							3732.3		
	Oct 2019	510	8.3	1071.51	9320	122	422.23	1341.0	195.7	88	383.5
	Nov 2019	670	11.3	1071.15	9291	-29	427.27	1018.9	258.9	67	386.7
	Dec 2019	594	9.7	1072.64	9410	119	424.57	1203.8	226.2	80	380.9
	Jan 2020	607	9.9	1075.98	9680	270	426.63	946.7	234.8	63	386.7
	Feb 2020	663	11.5	1077.54	9808	128	428.07	947.4	258.5	63	389.8
	Mar 2020	988	16.1	1075.43	9636	-172	427.30	946.0	388.1	64	393.0
	Apr 2020	997	16.8	1071.92	9353	-283	423.02	1077.6	385.8	74	386.8
	May 2020	917	14.9	1068.99	9120	-233	419.84	1059.1	351.7	74	383.6
	Jun 2020	929	15.6	1066.03	8887	-233	414.15	1408.7	348.4	100	375.0

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 2018 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
*	Jul 2017	809	13.2	644.65	1744	45	143.65	255.0	101.5	100	125.5
H	Aug 2017	707	11.5	642.64	1689	-55	143.10	255.0	89.9	100	127.1
I	Sep 2017	656	11.0	639.47	1603	-86	138.07	253.3	83.2	99	126.8
WY 2017		8261							1061.4		
S	Oct 2017	671	10.9	636.00	1512	-91	134.26	179.3	81.3	70	121.3
T	Nov 2017	595	10.0	640.07	1619	107	138.81	151.3	73.1	59	122.7
O	Dec 2017	552	9.0	640.68	1636	17	139.44	131.6	69.5	52	126.0
R	Jan 2018	437	7.1		1641	5	141.78	159.6	55.0	63	125.9
I	Feb 2018	611	11.0	643.18	1704	63	142.18	162.1	76.6	64	125.4
C	Mar 2018	836	13.6	642.57	1687	-17	139.99	189.2	105.4	74	126.1
A	Apr 2018	1001	16.8	642.40	1682	-5	141.14	207.4	125.1	81	125.0
L	May 2018	1001	16.3	643.17	1703	21	141.89	204.0	126.2	80	126.1
*	Jun 2018	909	15.3	644.29	1734	31	143.00	255.0	115.0	100	126.6
	Jul 2018	842	13.7	642.50	1685	-49	136.44	255.0	106.1	100	126.0
	Aug 2018	719	11.7	642.00	1671	-14	135.25	255.0	90.4	100	125.7
	Sep 2018	818	13.7	640.01	1617	-54	133.94	255.0	101.3	100	123.9
WY 2018		8989							1124.9		
	Oct 2018	769	12.5	633.00	1434	-183	130.59	207.3	92.5	81	120.2
	Nov 2018	686	11.5	635.00	1486	51	129.19	170.0	81.2	67	118.3
	Dec 2018	559	9.1	638.71	1583	97	132.25	167.8	68.1	66	121.8
	Jan 2019	507	8.2	641.80	1666	83	134.43	210.6	63.4	83	125.2
	Feb 2019	660	11.9	641.80	1666	0	136.73	187.6	82.6	74	125.2
	Mar 2019	990	16.1	643.05	1700	34	137.26	190.8	123.2	75	124.4
	Apr 2019	1024	17.2	643.00	1699	-1	136.07	255.0	127.6	100	124.6
	May 2019	933	15.2	643.00	1699	0	136.04	255.0	116.8	100	125.2
	Jun 2019	867	14.6	643.00	1699	0	136.04	255.0	108.7	100	125.4
	Jul 2019	812	13.2	642.00	1671	-27	135.51	255.0	101.9	100	125.4
	Aug 2019	706	11.5	642.00	1671	0	134.99	255.0	88.6	100	125.5
	Sep 2019	757	12.7	640.01	1618	-54	133.94	255.0	94.0	100	124.2
WY 2019		9269							1148.6		
	Oct 2019	675	11.0	633.00	1434	-183	130.59	207.3	81.5	81	120.8
	Nov 2019	595	10.0	635.00	1486	51	129.19	170.0	70.8	67	118.9
	Dec 2019	476	7.7	638.71	1583	97	132.25	167.8	58.2	66	122.3
	Jan 2020	495	8.1	641.80	1666	83	133.85	230.3	62.1	90	125.3
	Feb 2020	638	11.1	641.80	1666	0	136.73	187.6	80.1	74	125.5
	Mar 2020	923	15.0	643.05	1700	34	137.26	190.8	115.1	75	124.8
	Apr 2020	962	16.2	643.00	1699	-1	136.07	255.0	120.2	100	124.9
	May 2020	882	14.3	643.00	1699	0	136.04	255.0	110.7	100	125.5
	Jun 2020	888	14.9	643.00	1699	0	136.04	255.0	111.3	100	125.3

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 2018 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
*	Jul 2017	666	10.8	448.63	592	4	82.74	120.0	46.5	100	69.9
H	Aug 2017	570	9.3	448.28	585	-7	82.37	120.0	39.9	100	70.0
I	Sep 2017	481	8.1	447.17	564	-21	81.08	120.0	33.8	100	70.2
WY 2017		6204							434.1		
S	Oct 2017	478	7.8	446.27	548	-17	80.03	92.9	33.6	77	70.4
T	Nov 2017	349	5.9	447.86	577	30	81.65	90.0	24.1	75	69.2
O	Dec 2017	335	5.5	446.80	557	-20	81.55	92.9	22.5	77	67.0
R	Jan 2018	329	5.3	445.81	539	-18	80.05	117.1	22.8	98	69.2
I	Feb 2018	429	7.7	448.52	590	50	81.30	92.1	30.3	77	70.6
C	Mar 2018	638	10.4	447.46	570	-20	81.79	102.6	44.9	85	70.4
A	Apr 2018	735	12.4	447.13	564	-6	81.11	120.0	50.8	100	69.1
L	May 2018	697	11.3	448.51	590	26	82.36	120.0	48.5	100	69.6
*	Jun 2018	712	12.0	448.43	588	-1	80.33	120.0	49.7	100	69.9
	Jul 2018	668	10.9	448.00	580	-8	75.58	120.0	44.1	100	66.0
	Aug 2018	590	9.6	447.50	571	-9	75.13	120.0	38.6	100	65.4
	Sep 2018	533	9.0	447.50	570	0	74.89	120.0	34.7	100	65.1
WY 2018		6492							444.5		
	Oct 2018	487	7.9	447.50	571	0	76.19	91.9	32.1	77	66.0
	Nov 2018	405	6.8	447.50	571	0	75.83	99.0	26.4	83	65.2
	Dec 2018	301	4.9	446.50	552	-19	74.40	120.0	18.9	100	62.8
	Jan 2019	318	5.2	446.50	552	0	75.02	95.8	20.2	80	63.6
	Feb 2019	485	8.7	446.50	552	0	75.21	92.1	31.8	77	65.5
	Mar 2019	718	11.7	446.70	555	4	74.34	112.3	46.9	94	65.3
	Apr 2019	710	11.9	448.70	593	38	75.08	120.0	46.7	100	65.8
	May 2019	642	10.4	448.70	593	0	76.05	120.0	42.6	100	66.3
	Jun 2019	683	11.5	448.70	593	0	76.05	120.0	45.4	100	66.5
	Jul 2019	647	10.5	448.00	580	-13	75.71	120.0	42.7	100	66.1
	Aug 2019	589	9.6	447.50	571	-9	75.13	120.0	38.5	100	65.4
	Sep 2019	509	8.6	447.50	570	0	74.89	120.0	33.1	100	65.0
WY 2019		6494							425.4		
	Oct 2019	490	8.0	447.50	571	0	76.29	90.0	32.4	75	66.1
	Nov 2019	408	6.9	447.50	571	0	76.14	93.0	26.7	78	65.5
	Dec 2019	313	5.1	446.50	552	-19	74.40	120.0	19.7	100	63.0
	Jan 2020	313	5.1	446.50	552	0	75.02	95.8	19.9	80	63.6
	Feb 2020	479	8.3	446.50	552	0	75.21	92.1	31.3	77	65.4
	Mar 2020	708	11.5	446.70	555	4	74.34	112.3	46.2	94	65.3
	Apr 2020	699	11.7	448.70	593	38	75.08	120.0	46.0	100	65.8
	May 2020	635	10.3	448.70	593	0	76.05	120.0	42.1	100	66.3
	Jun 2020	675	11.3	448.70	593	0	76.05	120.0	44.9	100	66.5

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 2018 24-Month Study

Most Probable Inflow*

Upper Basin Power



	Glen Canyon	Flaming Gorge	Blue Mesa	Morrow Point	Crystal Reservoir	Fontenelle Reservoir
Date	1000 MWHR	1000 MWHR	1000 MWHR	1000 MWHR	1000 MWHR	1000 MWHR
* Jul 2017	399	71	35	13	18	8
H Aug 2017	421	56	34	0	22	9
I Sep 2017	306	56	35	33	22	6
Summer 2017	2033	492	202	207	93	33
S Oct 2017	294	42	30	37	21	7
T Nov 2017	288	55	12	14	8	7
O Dec 2017	339	68	27	33	19	6
R Jan 2018	394	68	17	21	12	6
I Feb 2018	335	60	9	12	3	5
C Mar 2018	364	41	12	16	9	1
Winter 2018	2013	334	107	133	71	31
A Apr 2018	318	39	23	27	16	5
L May 2018	318	63	23	33	20	7
* Jun 2018	343	50	27	34	20	8
Jul 2018	345	44	29	38	18	8
Aug 2018	357	45	22	29	14	7
Sep 2018	264	46	19	27	13	7
Summer 2018	1946	288	144	189	102	42
Oct 2018	250	41	12	17	8	7
Nov 2018	248	39	5	7	4	6
Dec 2018	279	41	5	7	4	6
Jan 2019	329	41	5	7	4	6
Feb 2019	284	37	5	7	3	5
Mar 2019	300	51	6	9	5	5
Winter 2019	1691	248	37	53	27	36
Apr 2019	265	49	13	20	10	6
May 2019	266	72	44	67	23	7
Jun 2019	287	61	12	22	15	8
Jul 2019	329	34	21	28	14	10
Aug 2019	345	34	22	29	14	7
Sep 2019	256	33	20	26	13	6
Summer 2019	1748	281	132	191	90	43
Oct 2019	243	34	12	16	9	6
Nov 2019	242	32	4	5	3	6
Dec 2019	271	34	3	5	3	6
Jan 2020	320	34	3	5	3	6
Feb 2020	277	31	3	5	3	5
Mar 2020	292	22	5	8	5	5
Winter 2020	1352	164	26	36	21	28
Apr 2020	259	22	12	19	11	6
May 2020	265	70	49	69	23	7
Jun 2020	290	61	32	45	22	9

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



July 2018 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions



Date	Flaming Gorge	Blue Mesa	Navajo	Lake Powell	Upper Basin Total	Lake Mead	Total	Flaming Gorge	Blue Mesa	Navajo	Tot or Max Allow	Lake Powell	Lake Mead	Total	BOM Space Required	Mead Sched Rel	Mead FC Rel	Sys Cont	
	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	MAF	
**** PREDICTED SPACE ****								**** EFFECTIVE SPACE ****											
Jul 2018	251	359	537	11594	12741	17629	30369	22	-77	-23	-78	11594	17629	29144	1500	834	0	29.8	
**** CREDITABLE SPACE ****								**** EFFECTIVE SPACE ****											
Aug 2018	245	425	620	12115	13404	17624	31028	245	425	620	1289	12115	17624	31028	1500	740	0	29.2	
Sep 2018	308	470	677	12633	14088	17466	31555	308	470	677	1455	12633	17466	31555	2270	795	0	28.6	
Oct 2018	393	514	709	12936	14552	17564	32115	393	514	709	1615	12936	17564	32115	3040	604	0	28.1	
Nov 2018	447	536	722	13147	14852	17532	32384	447	536	722	1705	13147	17532	32384	3810	761	0	27.8	
Dec 2018	497	533	727	13373	15130	17648	32778	497	533	727	1757	13373	17648	32778	4580	677	0	27.5	
Jan 2019	568	533	737	13711	15549	17609	33158	568	533	737	1838	13711	17609	33158	5350	619	0	27.3	
**** EFFECTIVE SPACE ****								**** EFFECTIVE SPACE ****											
Jan 2019	568	533	737	13711	15549	17609	33158	97	225	425	746	13711	17609	32066	5350	619	0	27.3	
Feb 2019	635	537	745	14184	16101	17348	33449	162	228	433	823	14184	17348	32356	1500	685	0	26.9	
Mar 2019	692	541	746	14571	16549	17239	33788	217	233	433	883	14571	17239	32693	1500	1055	0	26.4	
Apr 2019	738	539	723	14883	16883	17474	34357	261	231	403	895	14883	17474	33252	1500	1059	0	26.1	
May 2019	747	529	673	14954	16903	17814	34717	264	226	330	820	14954	17814	33588	1500	967	0	26.7	
Jun 2019	755	533	533	14215	16036	18091	34127	266	221	152	639	14215	18091	32945	1500	907	0	27.8	
Jul 2019	610	343	457	13289	14699	18307	33005	108	16	21	144	13289	18307	31739	1500	826	0	27.6	
**** CREDITABLE SPACE ****								**** CREDITABLE SPACE ****											
Aug 2019	520	319	497	13481	14817	18301	33118	520	319	497	1336	13481	18301	33118	1500	740	0	27.3	
Sep 2019	551	336	532	13922	15341	18141	33482	551	336	532	1419	13922	18141	33482	2270	734	0	26.8	
Oct 2019	602	364	545	14172	15682	18179	33862	602	364	545	1511	14172	18179	33862	3040	510	0	26.5	
Nov 2019	646	370	562	14310	15889	18057	33946	646	370	562	1578	14310	18057	33946	3810	670	0	26.3	
Dec 2019	689	352	572	14491	16105	18086	34191	689	352	572	1614	14491	18086	34191	4580	594	0	26.2	
Jan 2020	748	338	577	14802	16465	17967	34432	748	338	577	1663	14802	17967	34432	5350	607	0	26.1	
**** EFFECTIVE SPACE ****								**** EFFECTIVE SPACE ****											
Jan 2020	748	338	577	14802	16465	17967	34432	404	338	-36	706	14802	17967	33475	5350	607	0	26.1	
Feb 2020	802	324	581	15233	16941	17697	34638	456	324	-32	748	15233	17697	33678	1500	663	0	25.8	
Mar 2020	846	312	585	15542	17285	17569	34854	498	312	-29	781	15542	17569	33891	1500	988	0	25.6	
Apr 2020	811	290	599	15726	17426	17741	35167	457	290	-23	725	15726	17741	34192	1500	997	0	25.6	
May 2020	745	256	647	15502	17150	18024	35174	383	256	1	641	15502	18024	34167	1500	917	0	26.9	
Jun 2020	699	201	694	14071	15665	18257	33922	329	201	10	540	14071	18257	32868	1500	929	0	28.4	

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