March 24-Month Study
Date: March 11, 2019

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

Current Reservoir Status

Reservoir	February Inflow (unregulated) (acre-feet)	Percent of Average (%)	March 10, Midnight Elevation (feet)	March 10, Midnight Reservoir Storage (acre-feet)
Fontenelle	26,300	95	6,467.98	110,000
Flaming Gorge	34,100	77	6,024.69	3,148,700
Blue Mesa	19,900	89	7,437.18	245,700
Navajo	17,600	58	6,016.17	876,700
Powell	255,400	65	3,571.12	9,197,900

Expected Operations

The operation of Lake Powell and Lake Mead in this March 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 draft 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 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 million acre-feet (maf) and the potential for an April adjustment to equalization or balancing releases in April 2019. This March 2019 24-Month Study indicates that, consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is projected to occur and the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this March 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 Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The draft 2019 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/AOP2019/AOP19_draft.pdf

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6468.7.5 feet above sea level (feet), which amounts to 33 percent of live storage capacity. Inflows for the month of February totaled 26,300 acre-feet (af), or 95 percent of average. Average inflows are occurring and releases are being held constant due to ice in the river reach below. Releases are currently set at 1,000 cubic feet per second (cfs).

The Colorado Basin River Forecast Center has forecasted inflows that are near average. March, April and May forecasted inflow volumes amount to 43,000 af (82 percent of average), 75,000 af (88 percent of average), and 120,000 af (73 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., April 24, 2019. The meeting will be held at the Seedskadee National Wildlife Refuge. 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 – Releases are currently set at 800 cfs. Average daily releases will likely remain at 800 cfs through the end of March.

Unregulated Inflow into Flaming Gorge Reservoir during the month of February was 34,100 af, or 77 percent of average. As of March 10th, 2019, the reservoir elevation is 6024.69 feet (84 percent of live capacity) and increasing.

The March final forecast for unregulated inflows into Flaming Gorge for the next three months projects near average conditions: March, April, and May forecasted unregulated inflow volumes at 80,000 af (78 percent of average), 125,000 af (94 percent of average), and 180,000 af (73 percent of average), respectively.

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 or Paul Davidson at 801-524-3847.

Reclamation will be holding the Flaming Gorge Working Group meeting on April 18th at the Uintah Conference Center, 313 E 200 S, Vernal, UT, from 10 am to 1 pm

Aspinall Unit Reservoirs – As of March 10, 2019 releases from Crystal Dam are approximately 485 cfs. Uncompahgre Valley Water Users Association has stopped diversions through the Gunnison Tunnel except for periodic diversions to fill Fairview Reservoir. Flows through the Black Canyon are approximately 475 cfs. There is currently about a 10 cfs loss to the Gunnison River between Crystal Dam and the Gunnison Tunnel Diversion. As of March 10, 2019, Blue Mesa Reservoir elevation is 7437.18 feet which corresponds to storage content of 245,690 af (30 percent of capacity).

The February unregulated inflow to Blue Mesa Reservoir was 19,900 af (89 percent of average). Unregulated Inflows to Blue Mesa for the next three months (March, April and May) are projected to be: 26,000 af (72 percent of average), 72,000 af (94 percent of average) and 220,000 af (100 percent of average), respectively. For water year 2019, the unregulated inflow volume is forecasted to be 928,800 af (98 percent of average) with 740,000 af (109 percent of average) of unregulated inflow occurring during the April through July period. The March 24-Month Study is reflective of this new forecast.

Conditions are clearly very dry. Blue Mesa Reservoir did not fill in water year 2018 and will most likely not fill in water year 2019 either. Current projections indicate Blue Mesa storage will remain near the current level till March of 2019 before rebounding during the spring runoff. Current projections indicate Blue Mesa is at or near its low elevation for this year. The peak elevation for this water year will occur in or around late July when the elevation is projected to be 7494 feet. The projected end of water year 2019 elevation of Blue Mesa is 7487.5 feet which corresponds to a live storage content of 462,000 acre-feet (68 percent of full capacity).

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 Tuesday, April 23, 2019 at 1:00 pm at the at the Western Colorado Area Office located at 445 West Gunnison Avenue in Grand Junction, Colorado.

Navajo Reservoir – As of March 10, 2019 the daily average release rate from Navajo Dam is approximately 280 cfs while reservoir inflow is averaging approximately 1020 cfs. The water surface elevation is 6016.17 feet above sea level and is steadily

increasing. At this elevation the live storage is 0.877 maf (52 percent of live storage capacity) and the active storage is 0.215 maf (21 percent of active storage capacity). The river flow measured at the San Juan River at Four Corners USGS gage is 830 cfs. River flow at the Animas River at Farmington USGS gage is at 354 cfs.

Releases from Navajo Dam are made for authorized purposes of the Navajo Unit and also pursuant to the Record of Decision for the Navajo Reservoir Operations, Navajo Unit – San Juan River New Mexico, Colorado, Utah Final Environmental Impact Statement. Releases from Navajo Dam are managed 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 (inflow adjusted for upstream change in storage, reservoir evaporation and exportation from the basin) in February was 17,433 af (58 percent of average). SNOTEL sites above Navajo are at 137% of average with 24.1 inches of SWE on average per site.

Forecast modified-unregulated inflow to Navajo over the next three months (March, April and May) are projected to be: 55,000 af (60 percent of average), 132,000 af (77 percent of average), and 265,000 af (96 percent of average), respectively.

The April through July runoff forecasts are as follows:
Min Probable: 455,000 af (62 percent of average)
Most Probable: 690,000 af (94 percent of average)
Max Probable: 1,010,000 af (137 percent of average)

The winter release will target the minimum baseflow in the critical habitat reach and may be reduced to as low as the minimum release of 250 cfs, so long as the target baseflow downstream is still met. Releases will remain as low as possible over the winter in an effort to conserve water in the reservoir.

Based on current storage and long-term projections, Navajo has a 30% chance of filling to at least 6050 ft and a 10% chance of filling to at least 6060 ft in the spring of 2019. Based on current projections there are no plans for a spring peak release, though a short-duration maintenance release is under consideration.

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 Public Operations Coordination Meeting is scheduled for Tuesday, April 23rd, 2019, at 1:00 p.m. at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow in February was 256 thousand acre-feet (kaf) (65 percent of average). February precipitation in the Upper Colorado Basin was 150 percent of average. The release volume from Glen Canyon Dam in January was 730 kaf. The end of February elevation and storage of Lake Powell were 3,571.89 feet (128.11 feet from full pool) 9.21 maf (38 percent of full capacity).

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 but there is potential for an April 2019 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing releases is projected and Lake Powell is currently projected to release 9.0 maf in water year 2019. This projection will be updated each month throughout the water year.

In March, the release volume will be approximately 790 kaf, with fluctuations anticipated between about 8,500 cfs in the nighttime to about 15,700 cfs and consistent with the Glen Canyon Dam, Record of Decision on LTEMP (dated December, 2016). The anticipated release volume for April is 720 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 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 power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant and 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 28 mw (approximately 830 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 2019 unregulated inflow to Lake Powell, issued on March 1, 2019, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume next year will be 9.93 maf (92 percent of average). There is significant uncertainty regarding next season's snow pack 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 January forecast ranges from a minimum probable of 4.81 maf (44 percent of average) to a maximum probable of 10.38 maf (96 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 March 24-Month Study projects Lake Powell elevation will end water year 2019 near 3,592.84 feet with approximately 11.08 maf in storage (47 percent of capacity). Note that projections of elevation and storage for water year 2019 have significant uncertainty at this point in the season. Projections of end of water year 2019 elevation and storage using the minimum and maximum probable inflow forecast from January 2019 are 3,543.56 feet (7.992 maf, 33 percent of capacity) and 3,588.09 feet (11.366 maf, 47 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 2019 is projected to be 9.0 maf under the March most probable scenario, and 9.0 maf under the January maximum probable inflow scenarios and 8.23 maf under the January minimum probable inflow scenario.

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 9.93 maf (92 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 27.45 maf (46 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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SALT LAKE CITY, UT 84138-5571
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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			feb	Forecast		Outlook		
:	nov	dec	jan	feb %Avg	mar	apr	may	apr-jul	%Avg
GLDA3:Lake Powell	254	228	212	256 65%:	460/	850/	2250/	7300/:	102%
GBRW4:Fontenelle	38	30	28	26 94%:	43/	75/	120/	630/:	87%
GRNU1:Flaming Gorge	40	29	34	34 77%:	80/	125/	180/	830/:	85%
BMDC2:Blue Mesa	22	19.5	19.9	20 89%:	26/	72/	220/	740/:	110%
MPSC2:Morrow Point	23	21	21	20 80%:	28/	82/	245/	810/:	109%
CLSC2:Crystal	26	25	25	24 83%:	33/	93/	270/	895/:	107%
TPIC2:Taylor Park	3.3	3.6	3.7	3.4 90%:	3/	6/	28/	102/:	103%
VCRC2:Vallecito	5.2	3.3	3.7	3.8 80%:	5/	21/	71/	207/:	107%
NVRN5:Navajo	15.3	12.5	13.2	17.4 58%:	55/	132/	265/	690/:	94%
LEMC2:Lemon	1.02	0.52	0.49	0.50 66%:	1/	6/	20/	56/:	102%
MPHC2:McPhee	2.0	1.68	2.6	2.8 56%:	14/	71/	150/	330/:	112%
RBSC2:Ridgway	3.7	3.3	3.1	3.0 83%:	4/	7/	23/	98/:	97%
YDLC2:Deerlodge	18.6	19.6	18.4	18.0 64%:	55/	195/	500/	1290/:	104%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 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)
*	Mar 2018	58	0	16	56	71	6469.78	117
H	Apr 2018	101	1	83	4	87	6472.76	130
I	May 2018	354	2	100	123	223	6494.84	260
S	Jun 2018	404	2	101	269	370	6499.18	292
T	Jul 2018	138	3	92	8	100	6503.79	327
O	Aug 2018	50	2	75	1	76	6500.10	299
R	Sep 2018	30	2	7	58	65	6495.11	262
	WY 2018	**1397**	**15**	**856**	**528**	**1382**		
I	Oct 2018	42	1	45	20	65	6491.62	238
C	Nov 2018	38	1	60	0	60	6488.29	216
A	Dec 2018	30	1	61	1	61	6483.19	184
L	Jan 2019	28	1	61	0	61	6476.81	150
*	Feb 2019	26	0	55	1	56	6470.39	120
	Mar 2019	43	0	61	0	61	6465.74	102
	Apr 2019	75	1	60	0	60	6469.45	117
	May 2019	120	1	90	0	90	6475.84	146
	Jun 2019	270	2	101	6	107	6500.99	306
	Jul 2019	165	3	101	42	143	6503.44	325
	Aug 2019	67	2	99	0	99	6498.94	291
	Sep 2019	41	2	38	36	75	6494.04	256
	WY 2019	**946**	**14**	**833**	**106**	**939**		
	Oct 2019	45	1	74	0	74	6489.58	226
	Nov 2019	41	1	58	0	58	6486.88	208
	Dec 2019	32	1	60	0	60	6482.21	179
	Jan 2020	30	1	60	0	60	6476.55	149
	Feb 2020	28	0	56	0	56	6470.25	120
	Mar 2020	53	0	64	0	64	6467.40	108
	Apr 2020	85	1	71	0	71	6470.64	122
	May 2020	164	1	99	8	107	6481.86	177
	Jun 2020	299	2	103	76	179	6499.58	296
	Jul 2020	178	3	102	45	148	6503.14	323
	Aug 2020	77	2	103	15	118	6497.38	280
	Sep 2020	46	2	21	62	83	6491.85	240
	WY 2020	**1077**	**14**	**871**	**207**	**1077**		
	Oct 2020	49	1	61	0	61	6489.66	226
	Nov 2020	42	1	60	0	60	6486.97	208
	Dec 2020	32	1	61	0	61	6482.04	178
	Jan 2021	30	1	61	0	61	6476.03	147
	Feb 2021	28	0	56	0	56	6469.78	118

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

Model Run ID: 3086

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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March 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)
*	Mar 2018	86	99	3	106	0	106	128	6025.65	3184	178
H	Apr 2018	121	108	5	101	0	101	128	6025.69	3186	277
I	May 2018	422	290	8	163	6	169	133	6028.57	3294	572
S	Jun 2018	435	401	11	125	0	125	143	6035.09	3550	278
T	Jul 2018	140	102	14	120	0	120	142	6034.33	3519	141
O	Aug 2018	42	68	13	124	0	124	139	6032.67	3453	142
R	Sep 2018	17	52	11	119	0	119	136	6030.75	3378	132
	WY 2018	**1594**	**1580**	**82**	**1608**	**7**	**1616**				**2638**
I	Oct 2018	54	77	7	99	0	99	135	6030.03	3350	131
C	Nov 2018	40	61	4	93	0	93	133	6029.15	3316	121
A	Dec 2018	29	60	2	124	0	124	131	6027.49	3253	153
L	Jan 2019	34	68	2	124	0	124	129	6026.01	3198	154
*	Feb 2019	34	63	2	112	0	112	127	6024.69	3149	143
	Mar 2019	80	98	3	58	0	58	128	6025.66	3185	113
	Apr 2019	125	110	5	60	0	60	130	6026.82	3228	255
	May 2019	180	150	8	61	0	61	133	6028.88	3306	561
	Jun 2019	335	172	10	179	0	179	132	6028.44	3289	679
	Jul 2019	190	168	14	98	0	98	135	6029.85	3343	193
	Aug 2019	75	107	13	111	0	111	134	6029.45	3328	133
	Sep 2019	50	84	11	107	0	107	133	6028.57	3294	122
	WY 2019	**1226**	**1219**	**81**	**1226**	**0**	**1226**				**2760**
	Oct 2019	55	84	7	98	0	98	132	6028.03	3273	126
	Nov 2019	50	67	3	95	0	95	130	6027.22	3243	125
	Dec 2019	35	63	2	116	0	116	128	6025.80	3190	142
	Jan 2020	40	70	2	117	0	117	127	6024.54	3143	142
	Feb 2020	45	73	2	109	0	109	125	6023.53	3106	137
	Mar 2020	102	114	3	61	0	61	127	6024.82	3154	138
	Apr 2020	134	119	5	60	0	60	129	6026.25	3207	275
	May 2020	245	189	8	65	0	65	133	6029.18	3318	597
	Jun 2020	390	269	10	263	0	263	133	6029.07	3313	683
	Jul 2020	210	180	14	125	0	125	135	6030.12	3353	225
	Aug 2020	89	130	13	123	0	123	135	6029.97	3348	148
	Sep 2020	55	93	11	119	0	119	133	6029.03	3312	138
	WY 2020	**1449**	**1450**	**80**	**1352**	**0**	**1352**				**2876**
	Oct 2020	59	72	7	92	0	92	132	6028.33	3285	125
	Nov 2020	51	69	3	89	0	89	131	6027.72	3262	121
	Dec 2020	35	64	2	117	0	117	129	6026.33	3210	142
	Jan 2021	40	72	2	117	0	117	127	6025.11	3164	142
	Feb 2021	45	72	2	106	0	106	126	6024.20	3131	133

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

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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)
*	Mar 2018	5	6	9310.51	71
H	Apr 2018	8	7	9311.18	72
I	May 2018	24	12	9318.33	84
S	Jun 2018	13	15	9317.29	82
T	Jul 2018	5	14	9311.71	73
O	Aug 2018	3	13	9305.51	63
R	Sep 2018	3	8	9301.71	58
	WY 2018	**88**	**108**		
I	Oct 2018	5	3	9302.60	59
C	Nov 2018	3	3	9302.61	59
A	Dec 2018	4	3	9302.74	59
L	Jan 2019	4	3	9302.92	59
*	Feb 2019	3	3	9303.16	60
	Mar 2019	3	3	9303.07	59
	Apr 2019	6	5	9303.72	60
	May 2019	28	14	9312.65	74
	Jun 2019	49	24	9326.33	99
	Jul 2019	19	24	9324.00	94
	Aug 2019	10	19	9319.18	85
	Sep 2019	7	18	9312.90	75
	WY 2019	**141**	**124**		
	Oct 2019	6	6	9313.00	75
	Nov 2019	5	5	9312.99	75
	Dec 2019	5	5	9312.67	74
	Jan 2020	4	5	9312.15	73
	Feb 2020	4	5	9311.60	72
	Mar 2020	4	5	9311.13	72
	Apr 2020	9	10	9310.36	70
	May 2020	28	14	9318.79	85
	Jun 2020	42	20	9330.00	106
	Jul 2020	20	24	9328.33	103
	Aug 2020	10	19	9323.87	94
	Sep 2020	7	18	9318.38	84
	WY 2020	**145**	**136**		
	Oct 2020	7	12	9315.61	79
	Nov 2020	5	5	9315.65	79
	Dec 2020	5	5	9315.35	79
	Jan 2021	4	5	9314.85	78
	Feb 2021	4	5	9314.30	77

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

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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)
*	Mar 2018	28	29	0	43	0	43	7483.73	534
H	Apr 2018	48	47	1	82	0	82	7478.94	498
I	May 2018	112	100	1	85	0	85	7480.90	513
S	Jun 2018	56	57	1	98	0	98	7475.06	471
T	Jul 2018	21	31	1	101	0	101	7464.43	399
O	Aug 2018	19	28	1	93	0	93	7453.77	334
R	Sep 2018	12	17	1	30	39	68	7444.44	282
	WY 2018	**433**	**453**	**7**	**856**	**39**	**895**		
I	Oct 2018	23	22	0	46	11	56	7437.59	248
C	Nov 2018	22	21	0	19	0	19	7438.08	250
A	Dec 2018	20	19	0	21	0	21	7437.82	249
L	Jan 2019	20	20	0	17	0	17	7438.40	252
*	Feb 2019	20	20	0	23	0	23	7437.59	248
	Mar 2019	26	26	0	23	0	23	7438.08	250
	Apr 2019	72	71	0	33	0	33	7445.41	288
	May 2019	220	206	1	178	0	178	7450.39	315
	Jun 2019	325	300	1	41	0	41	7488.92	573
	Jul 2019	123	128	1	86	0	86	7494.09	614
	Aug 2019	59	68	1	97	0	97	7490.33	584
	Sep 2019	42	53	1	71	0	71	7487.82	565
	WY 2019	**971**	**954**	**7**	**655**	**11**	**665**		
	Oct 2019	41	41	0	40	0	40	7487.80	564
	Nov 2019	32	32	0	12	0	12	7490.39	584
	Dec 2019	26	26	0	24	0	24	7490.65	586
	Jan 2020	24	25	0	24	0	24	7490.80	588
	Feb 2020	22	23	0	22	0	22	7490.89	588
	Mar 2020	36	37	0	0	26	26	7492.25	599
	Apr 2020	77	78	1	0	46	46	7496.21	631
	May 2020	221	207	1	6	240	246	7491.17	590
	Jun 2020	261	239	1	59	0	59	7512.64	769
	Jul 2020	117	120	2	90	0	90	7515.86	798
	Aug 2020	63	72	1	99	0	99	7512.70	770
	Sep 2020	38	48	1	98	0	98	7506.80	718
	WY 2020	**959**	**949**	**9**	**476**	**311**	**787**		
	Oct 2020	38	43	1	64	0	64	7504.27	697
	Nov 2020	31	31	0	52	0	52	7501.75	676
	Dec 2020	26	26	0	110	0	110	7491.33	592
	Jan 2021	24	25	0	79	0	79	7484.27	538
	Feb 2021	22	23	0	38	0	38	7482.30	523

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

Model Run ID: 3086

Processed On: 3/8/2019 3:02:16PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 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)
*	Mar 2018	29	43	1	44	49	0	49	7143.05	104
H	Apr 2018	54	82	6	87	79	0	79	7154.30	112
I	May 2018	121	85	8	94	94	0	94	7153.76	112
S	Jun 2018	57	98	2	99	99	0	99	7154.16	112
T	Jul 2018	22	101	1	102	101	0	101	7155.49	113
O	Aug 2018	19	93	0	93	94	0	94	7153.96	112
R	Sep 2018	14	68	2	70	84	0	84	7135.77	98
	WY 2018	**460**	**895**	**27**	**922**	**935**	**0**	**937**		
I	Oct 2018	24	56	1	57	56	0	56	7136.92	99
C	Nov 2018	23	19	1	20	13	0	15	7143.47	104
A	Dec 2018	21	21	1	22	18	0	18	7147.95	107
L	Jan 2019	21	17	1	17	18	0	18	7147.00	107
*	Feb 2019	20	23	0	24	23	0	23	7147.57	107
	Mar 2019	28	23	2	25	21	0	21	7153.73	112
	Apr 2019	82	33	10	43	43	0	43	7153.73	112
	May 2019	245	178	25	203	203	0	203	7153.73	112
	Jun 2019	355	41	30	71	71	0	71	7153.73	112
	Jul 2019	128	86	5	91	91	0	91	7153.73	112
	Aug 2019	63	97	4	101	101	0	101	7153.73	112
	Sep 2019	45	71	3	74	74	0	74	7153.73	112
	WY 2019	**1055**	**665**	**84**	**749**	**733**	**0**	**735**		
	Oct 2019	44	40	3	43	43	0	43	7153.73	112
	Nov 2019	34	12	2	14	14	0	14	7153.73	112
	Dec 2019	28	24	2	26	26	0	26	7153.73	112
	Jan 2020	27	24	2	26	26	0	26	7153.73	112
	Feb 2020	25	22	3	25	25	0	25	7153.73	112
	Mar 2020	40	26	4	30	30	0	30	7153.73	112
	Apr 2020	88	46	11	57	57	0	57	7153.73	112
	May 2020	247	246	26	272	272	0	272	7153.73	112
	Jun 2020	281	59	20	79	79	0	79	7153.73	112
	Jul 2020	123	90	6	96	96	0	96	7153.73	112
	Aug 2020	67	99	3	103	103	0	103	7153.73	112
	Sep 2020	41	98	3	101	101	0	101	7153.73	112
	WY 2020	**1044**	**787**	**85**	**872**	**872**	**0**	**872**		
	Oct 2020	41	64	3	67	67	0	67	7153.73	112
	Nov 2020	33	52	2	54	54	0	54	7153.73	112
	Dec 2020	28	110	2	112	112	0	112	7153.73	112
	Jan 2021	27	79	2	81	81	0	81	7153.73	112
	Feb 2021	25	38	3	40	40	0	40	7153.73	112

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Model Run ID: 3086

Processed On: 3/8/2019 3:02:16PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 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)
*	Mar 2018	33	49	4	52	53	0	53	6747.97	16	13	38
H	Apr 2018	60	79	6	84	84	0	84	6749.35	16	53	28
I	May 2018	129	94	9	102	102	0	102	6749.41	16	62	39
S	Jun 2018	61	99	3	102	102	0	102	6750.48	16	63	42
T	Jul 2018	24	101	2	103	103	0	103	6750.59	16	64	41
O	Aug 2018	21	94	2	96	98	0	98	6744.83	15	65	36
R	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**
I	Oct 2018	27	56	3	59	55	0	55	6751.87	17	33	24
C	Nov 2018	26	15	4	19	21	0	21	6743.11	14	1	19
A	Dec 2018	25	18	4	22	21	0	22	6745.32	15	0	20
L	Jan 2019	25	18	4	22	19	3	22	6746.57	15	1	20
*	Feb 2019	24	23	3	27	9	17	26	6748.26	16	1	25
	Mar 2019	33	21	5	26	24	0	24	6753.04	17	5	19
	Apr 2019	93	43	11	54	54	0	54	6753.04	17	42	12
	May 2019	270	203	25	228	134	94	228	6753.04	17	62	166
	Jun 2019	390	71	35	106	106	0	106	6753.04	17	61	45
	Jul 2019	142	91	14	105	105	0	105	6753.04	17	65	40
	Aug 2019	67	101	4	105	105	0	105	6753.04	17	65	40
	Sep 2019	51	74	6	80	80	0	80	6753.04	17	55	25
	WY 2019	**1172**	**735**	**117**	**852**	**733**	**115**	**848**			**390**	**455**
	Oct 2019	50	43	6	49	49	0	49	6753.04	17	30	19
	Nov 2019	39	14	5	19	19	0	19	6753.04	17	0	19
	Dec 2019	32	26	5	31	31	0	31	6753.04	17	0	31
	Jan 2020	31	26	5	31	31	0	31	6753.04	17	0	31
	Feb 2020	29	25	4	29	0	29	29	6753.04	17	0	29
	Mar 2020	46	30	6	36	36	0	36	6753.04	17	5	31
	Apr 2020	101	57	12	70	70	0	70	6753.04	17	42	28
	May 2020	281	272	34	306	134	172	306	6753.04	17	62	244
	Jun 2020	315	79	34	113	113	0	113	6753.04	17	61	52
	Jul 2020	138	96	14	111	111	0	111	6753.04	17	65	46
	Aug 2020	75	103	8	111	111	0	111	6753.04	17	65	46
	Sep 2020	47	101	6	107	107	0	107	6753.04	17	55	52
	WY 2020	**1184**	**872**	**140**	**1012**	**811**	**201**	**1012**			**385**	**627**
	Oct 2020	47	67	6	73	73	0	73	6753.04	17	30	43
	Nov 2020	38	54	5	59	59	0	59	6753.04	17	0	59
	Dec 2020	32	112	5	117	117	0	117	6753.04	17	0	117
	Jan 2021	31	81	5	86	86	0	86	6753.04	17	0	86
	Feb 2021	29	40	4	44	44	0	44	6753.04	17	0	44

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Model Run ID: 3086

Processed On: 3/8/2019 3:02:16PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 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)
*	Mar 2018	4	0	7644.11	73
H	Apr 2018	15	3	7649.29	85
I	May 2018	30	31	7648.91	84
S	Jun 2018	14	35	7639.22	63
T	Jul 2018	8	35	7624.15	35
O	Aug 2018	5	19	7613.87	22
R	Sep 2018	3	4	7613.06	21
	WY 2018	**102**	**153**		
I	Oct 2018	9	3	7617.56	26
C	Nov 2018	5	0	7621.25	31
A	Dec 2018	3	0	7623.31	34
L	Jan 2019	4	0	7625.50	37
*	Feb 2019	4	0	7627.67	41
	Mar 2019	5	0	7630.27	45
	Apr 2019	21	0	7640.63	66
	May 2019	71	31	7657.49	106
	Jun 2019	88	68	7664.99	125
	Jul 2019	27	42	7658.96	109
	Aug 2019	18	38	7650.88	89
	Sep 2019	15	30	7644.50	74
	WY 2019	**270**	**213**		
	Oct 2019	14	17	7643.05	71
	Nov 2019	8	2	7645.62	77
	Dec 2019	6	2	7647.53	81
	Jan 2020	5	2	7649.00	85
	Feb 2020	5	2	7650.22	87
	Mar 2020	9	2	7652.91	94
	Apr 2020	23	2	7661.20	115
	May 2020	71	65	7663.49	121
	Jun 2020	70	70	7663.31	121
	Jul 2020	29	41	7658.35	108
	Aug 2020	20	38	7651.03	89
	Sep 2020	17	29	7645.90	77
	WY 2020	**279**	**272**		
	Oct 2020	16	16	7645.45	76
	Nov 2020	9	2	7648.12	83
	Dec 2020	6	2	7649.98	87
	Jan 2021	5	2	7651.42	90
	Feb 2021	5	2	7652.63	93

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

Model Run ID: 3086

Processed On: 3/8/2019 3:02:16PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 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)
*	Mar 2018	24	2	19	2	6	21	6050.92	1236	28
H	Apr 2018	70	13	46	2	20	38	6049.73	1222	44
I	May 2018	88	16	71	3	36	32	6049.80	1223	67
S	Jun 2018	6	3	24	4	42	42	6044.23	1159	48
T	Jul 2018	-9	0	18	4	42	51	6036.94	1080	53
O	Aug 2018	-7	0	7	3	42	51	6028.27	991	48
R	Sep 2018	2	0	3	2	27	46	6020.80	919	42
	WY 2018	**268**	**36**	**283**	**24**	**224**	**405**			**528**
I	Oct 2018	23	1	17	1	7	31	6018.35	897	40
C	Nov 2018	15	0	10	1	0	18	6017.43	888	34
A	Dec 2018	12	0	9	0	0	18	6016.39	879	30
L	Jan 2019	13	0	10	0	0	19	6015.33	869	31
*	Feb 2019	18	0	14	1	1	16	6014.90	865	39
	Mar 2019	55	3	47	1	5	21	6017.15	886	32
	Apr 2019	132	15	96	2	21	15	6023.47	945	54
	May 2019	265	35	190	3	36	47	6033.95	1049	202
	Jun 2019	240	31	188	4	52	30	6043.52	1151	200
	Jul 2019	53	3	66	4	57	23	6041.90	1134	84
	Aug 2019	32	2	50	3	48	26	6039.39	1106	62
	Sep 2019	33	2	46	2	26	23	6038.87	1101	51
	WY 2019	**892**	**92**	**743**	**22**	**252**	**287**			**859**
	Oct 2019	40	2	41	1	10	22	6039.61	1109	47
	Nov 2019	31	0	25	1	0	21	6039.89	1112	38
	Dec 2019	25	0	21	1	0	22	6039.75	1110	37
	Jan 2020	22	0	18	1	0	22	6039.40	1106	35
	Feb 2020	30	0	27	1	0	20	6039.96	1112	33
	Mar 2020	92	9	77	1	6	22	6044.35	1161	44
	Apr 2020	170	21	128	2	22	21	6051.54	1244	74
	May 2020	277	37	234	3	36	29	6064.73	1409	175
	Jun 2020	224	29	195	5	53	30	6072.59	1517	181
	Jul 2020	66	5	74	5	57	38	6070.75	1491	105
	Aug 2020	45	2	61	4	48	52	6067.63	1448	91
	Sep 2020	43	2	53	3	26	116	6060.71	1357	148
	WY 2020	**1065**	**106**	**953**	**27**	**257**	**413**			**1008**
	Oct 2020	47	2	46	2	0	31	6061.73	1370	59
	Nov 2020	34	0	27	1	0	30	6061.44	1366	48
	Dec 2020	25	0	21	1	0	31	6060.59	1355	46
	Jan 2021	22	0	18	1	0	31	6059.57	1342	44
	Feb 2021	30	0	27	1	0	28	6059.43	1341	40

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Model Run ID: 3086

Processed On: 3/8/2019 3:02:16PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 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)
*	Mar 2018	332	395	16	800	0	800	3612.23	5090	12956	835
H	Apr 2018	382	419	25	705	0	705	3609.39	5067	12669	738
I	May 2018	1214	968	29	705	0	705	3611.54	5085	12886	730
S	Jun 2018	883	635	45	760	0	760	3609.98	5072	12728	781
T	Jul 2018	123	252	53	860	0	860	3603.80	5023	12116	877
O	Aug 2018	11	260	50	900	0	900	3597.12	4972	11477	911
R	Sep 2018	1	230	45	670	0	670	3592.28	4936	11028	690
	WY 2018	**4612**	**5459**	**386**	**9000**	**0**	**9000**				**9158**
I	Oct 2018	351	477	30	625	0	625	3590.46	4923	10862	650
C	Nov 2018	254	307	29	585	77	662	3586.50	4894	10507	669
A	Dec 2018	228	322	22	740	0	740	3581.85	4862	10099	744
L	Jan 2019	212	303	7	804	0	804	3576.34	4824	9629	815
*	Feb 2019	255	339	7	730	0	730	3571.89	4795	9261	743
	Mar 2019	460	403	11	790	0	790	3567.32	4765	8892	804
	Apr 2019	850	664	18	720	0	720	3566.46	4760	8824	735
	May 2019	2250	1942	22	720	0	720	3579.95	4849	9936	731
	Jun 2019	3100	2534	39	780	0	780	3597.61	4976	11523	791
	Jul 2019	1100	1000	49	860	0	860	3598.50	4982	11608	879
	Aug 2019	470	587	49	900	0	900	3594.93	4956	11273	917
	Sep 2019	400	504	45	668	0	668	3592.84	4940	11080	682
	WY 2019	**9931**	**9384**	**328**	**8923**	**77**	**9000**				**9159**
	Oct 2019	505	542	31	640	0	640	3591.54	4931	10960	650
	Nov 2019	470	486	29	640	0	640	3589.66	4917	10790	641
	Dec 2019	363	439	23	720	0	720	3586.52	4894	10508	726
	Jan 2020	361	437	7	860	0	860	3581.98	4862	10110	871
	Feb 2020	393	448	7	750	0	750	3578.64	4840	9823	759
	Mar 2020	665	558	12	800	0	800	3575.85	4821	9588	814
	Apr 2020	1056	844	19	710	0	710	3577.11	4829	9694	725
	May 2020	2343	2013	24	710	0	710	3590.63	4924	10878	721
	Jun 2020	2666	2225	41	750	0	750	3604.72	5030	12206	761
	Jul 2020	1091	1012	52	850	0	850	3605.75	5038	12308	869
	Aug 2020	500	627	52	900	0	900	3602.67	5014	12007	917
	Sep 2020	408	633	47	670	0	670	3601.86	5008	11929	684
	WY 2020	**10821**	**10261**	**344**	**9000**	**0**	**9000**				**9138**
	Oct 2020	512	557	32	640	0	640	3600.75	4999	11822	650
	Nov 2020	473	528	31	640	0	640	3599.36	4989	11689	641
	Dec 2020	363	535	25	720	0	720	3597.31	4973	11495	726
	Jan 2021	361	501	8	860	0	860	3593.67	4946	11156	871
	Feb 2021	393	467	8	750	0	750	3590.73	4925	10887	759

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Model Run ID: 3086

Processed On: 3/8/2019 3:02:16PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2019 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Mar 2018	800	70	32	833	13.5	14	832	695	1088.11	10694
H	Apr 2018	705	43	39	1015	17.1	21	1015	675	1084.49	10387
I	May 2018	705	21	44	1055	17.1	27	1054	651	1080.00	10011
S	Jun 2018	760	27	53	986	16.6	28	985	634	1076.81	9748
T	Jul 2018	860	106	65	820	13.3	27	819	637	1077.43	9799
O	Aug 2018	900	74	70	749	12.2	28	748	645	1078.88	9918
R	Sep 2018	670	84	58	725	12.2	24	723	642	1078.29	9870
	WY 2018	**9000**	**690**	**541**	**9240**		**241**	**9237**			
I	Oct 2018	625	100	42	641	10.4	23	634	643	1078.52	9889
C	Nov 2018	662	67	42	690	11.6	16	689	642	1078.32	9872
A	Dec 2018	740	52	36	468	7.6	11	467	659	1081.46	10132
L	Jan 2019	804	105	30	487	7.9	8	364	682	1085.75	10493
*	Feb 2019	730	127	28	621	11.2	7	620	694	1087.97	10682
	Mar 2019	790	57	32	773	12.6	21	773	696	1088.20	10702
	Apr 2019	720	49	39	1015	17.1	25	1015	677	1084.78	10411
	May 2019	720	30	44	1036	16.8	34	1036	654	1080.69	10069
	Jun 2019	780	17	53	941	15.8	34	941	640	1078.07	9851
	Jul 2019	860	80	66	846	13.8	37	846	640	1077.97	9843
	Aug 2019	900	100	70	801	13.0	34	801	646	1079.05	9933
	Sep 2019	668	91	58	760	12.8	27	760	640	1078.08	9852
	WY 2019	**9000**	**875**	**540**	**9079**		**275**	**8947**			
	Oct 2019	640	82	42	513	8.3	29	513	649	1079.65	9982
	Nov 2019	640	54	42	660	11.1	20	660	647	1079.32	9955
	Dec 2019	720	51	36	584	9.5	17	584	655	1080.85	10081
	Jan 2020	860	83	30	593	9.6	11	593	674	1084.31	10371
	Feb 2020	750	91	28	681	11.8	10	681	682	1085.66	10486
	Mar 2020	800	57	31	1007	16.4	20	1007	669	1083.42	10296
	Apr 2020	710	49	38	1081	18.2	24	1081	646	1079.09	9935
	May 2020	710	30	43	1021	16.6	33	1021	624	1074.98	9599
	Jun 2020	750	17	52	944	15.9	33	944	608	1071.93	9353
	Jul 2020	850	80	64	854	13.9	36	854	606	1071.64	9330
	Aug 2020	900	100	68	751	12.2	33	751	615	1073.37	9469
	Sep 2020	670	91	56	736	12.4	26	736	612	1072.70	9415
	WY 2020	**9000**	**784**	**532**	**9425**		**293**	**9425**			
	Oct 2020	640	82	41	500	8.1	28	500	621	1074.47	9558
	Nov 2020	640	54	41	624	10.5	20	624	622	1074.58	9567
	Dec 2020	720	51	36	585	9.5	16	585	630	1076.15	9694
	Jan 2021	860	83	30	593	9.6	11	593	649	1079.68	9985
	Feb 2021	750	91	27	678	12.2	10	678	657	1081.10	10103

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

Model Run ID: 3086

Processed On: 3/8/2019 3:02:16PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2019 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Mar 2018	833	-1	13	836	0	836	13.6	642.57	1687
H	Apr 2018	1015	-3	17	1001	0	1001	16.8	642.40	1682
I	May 2018	1055	-11	22	1001	0	1001	16.3	643.17	1703
S	Jun 2018	986	-21	26	909	0	909	15.3	644.29	1734
T	Jul 2018	820	-6	26	827	0	827	13.4	642.91	1696
O	Aug 2018	749	-13	23	730	0	730	11.9	642.29	1679
R	Sep 2018	725	-11	18	814	0	814	13.7	637.87	1561
	WY 2018	**9240**	**-103**	**198**	**8981**	**0**	**8981**			
I	Oct 2018	641	-11	15	635	0	635	10.3	637.08	1540
C	Nov 2018	690	-28	11	610	0	610	10.3	638.62	1581
A	Dec 2018	468	-14	9	375	0	386	6.3	640.79	1639
L	Jan 2019	487	-29	10	418	0	418	6.8	641.89	1668
*	Feb 2019	621	-6	10	569	0	569	10.2	643.20	1704
	Mar 2019	773	-15	13	764	0	764	12.4	642.50	1685
	Apr 2019	1015	-17	17	969	0	969	16.3	643.00	1699
	May 2019	1036	-11	22	1002	0	1002	16.3	643.00	1699
	Jun 2019	941	-16	25	900	0	900	15.1	643.00	1699
	Jul 2019	846	-12	25	836	0	836	13.6	642.00	1671
	Aug 2019	801	-11	23	767	0	767	12.5	642.00	1671
	Sep 2019	760	-12	18	784	0	784	13.2	640.01	1618
	WY 2019	**9079**	**-184**	**198**	**8629**	**0**	**8640**			
	Oct 2019	513	-4	15	678	0	678	11.0	633.00	1434
	Nov 2019	660	-19	10	580	0	580	9.7	635.00	1486
	Dec 2019	584	-12	9	465	0	465	7.6	638.71	1583
	Jan 2020	593	-16	10	483	0	483	7.9	641.80	1666
	Feb 2020	681	-13	10	658	0	658	11.4	641.80	1666
	Mar 2020	1007	-15	13	944	0	944	15.4	643.05	1700
	Apr 2020	1081	-17	17	1049	0	1049	17.6	643.00	1699
	May 2020	1021	-11	22	987	0	987	16.1	643.00	1699
	Jun 2020	944	-16	25	903	0	903	15.2	643.00	1699
	Jul 2020	854	-12	25	844	0	844	13.7	642.00	1671
	Aug 2020	751	-11	23	717	0	717	11.7	642.00	1671
	Sep 2020	736	-12	18	759	0	759	12.8	640.01	1618
	WY 2020	**9425**	**-159**	**197**	**9067**	**0**	**9067**			
	Oct 2020	500	-4	15	665	0	665	10.8	633.00	1434
	Nov 2020	624	-19	10	543	0	543	9.1	635.00	1486
	Dec 2020	585	-12	9	466	0	466	7.6	638.71	1583
	Jan 2021	593	-16	10	484	0	484	7.9	641.80	1666
	Feb 2021	678	-13	10	655	0	655	11.8	641.80	1666

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Model Run ID: 3086

Processed On: 3/8/2019 3:02:16PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2019 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Mar 2018	836	-3	9	637	10.4	61	139	447.46	570	195	3.2
H	Apr 2018	1001	-8	11	735	12.4	75	168	447.13	564	175	2.9
I	May 2018	1001	10	13	697	11.3	87	178	448.51	590	124	2.0
S	Jun 2018	909	6	15	712	12.0	91	88	448.43	588	136	2.3
T	Jul 2018	827	20	17	656	10.7	101	72	448.00	580	133	2.2
O	Aug 2018	730	22	17	611	9.9	99	22	447.53	571	104	1.7
R	Sep 2018	814	9	15	512	8.6	95	164	448.95	598	94	1.6
	WY 2018	**8981**	**100**	**139**	**6479**		**910**	**1431**			**1504**	
I	Oct 2018	635	23	12	394	6.4	86	176	448.12	582	68	1.1
C	Nov 2018	610	16	9	357	6.0	85	173	447.99	580	97	1.6
A	Dec 2018	386	26	7	218	3.5	70	143	446.53	552	105	1.7
L	Jan 2019	418	20	6	250	4.1	87	91	446.58	553	122	2.0
*	Feb 2019	569	18	8	372	6.7	31	151	447.53	571	143	2.6
	Mar 2019	764	5	9	671	10.9	5	75	447.50	571	185	3.0
	Apr 2019	969	12	11	717	12.0	96	137	448.00	580	166	2.8
	May 2019	1002	13	13	714	11.6	81	181	448.70	593	134	2.2
	Jun 2019	900	11	16	731	12.3	78	73	448.70	593	140	2.3
	Jul 2019	836	19	17	683	11.1	81	75	448.00	580	138	2.2
	Aug 2019	767	20	17	612	9.9	81	75	447.50	571	110	1.8
	Sep 2019	784	14	15	515	8.6	78	180	447.50	570	100	1.7
	WY 2019	**8640**	**196**	**140**	**6233**		**859**	**1529**			**1506**	
	Oct 2019	678	24	12	468	7.6	35	180	447.50	571	63	1.0
	Nov 2019	580	14	9	390	6.6	9	180	447.50	571	97	1.6
	Dec 2019	465	22	7	319	5.2	10	166	446.50	552	104	1.7
	Jan 2020	483	18	6	265	4.3	105	121	446.50	552	125	2.0
	Feb 2020	658	11	8	435	7.6	99	121	446.50	552	152	2.6
	Mar 2020	944	5	9	711	11.6	28	189	446.70	555	192	3.1
	Apr 2020	1049	12	11	733	12.3	85	184	448.70	593	178	3.0
	May 2020	987	13	13	698	11.4	87	189	448.70	593	119	1.9
	Jun 2020	903	11	16	721	12.1	85	79	448.70	593	127	2.1
	Jul 2020	844	19	17	681	11.1	87	79	448.00	580	135	2.2
	Aug 2020	717	20	17	601	9.8	87	29	447.50	571	104	1.7
	Sep 2020	759	14	15	511	8.6	85	152	447.50	570	96	1.6
	WY 2020	**9067**	**182**	**139**	**6533**		**801**	**1668**			**1491**	
	Oct 2020	665	24	12	488	7.9	41	141	447.50	571	65	1.1
	Nov 2020	543	14	9	362	6.1	40	141	447.50	571	99	1.7
	Dec 2020	466	22	7	314	5.1	41	141	446.50	552	109	1.8
	Jan 2021	484	18	6	265	4.3	106	121	446.50	552	125	2.0
	Feb 2021	655	11	8	435	7.8	96	121	446.50	552	152	2.7

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

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Processed On: 3/8/2019 3:02:16PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 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
*	Mar 2018	833	13.5	1088.11	10694	-9	442.23	1005.9	333.9	62	400.8
H	Apr 2018	1015	17.1	1084.49	10387	-308	437.15	880.9	406.2	55	400.0
I	May 2018	1055	17.1	1080.00	10011	-376	432.39	1385.9	412.1	88	390.8
S	Jun 2018	986	16.6	1076.81	9748	-263	428.91	1552.0	378.6	100	384.1
T	Jul 2018	820	13.3	1077.43	9799	51	432.34	1552.0	313.2	100	382.0
O	Aug 2018	749	12.2	1078.88	9918	119	435.01	1562.0	287.4	100	383.8
R	Sep 2018	725	12.2	1078.29	9870	-49	434.15	1562.0	278.7	100	384.7
	WY 2018	**9240**							**3614.3**		
I	Oct 2018	641	10.4	1078.52	9889	19	435.29	1406.1	247.8	87	386.7
C	Nov 2018	690	11.6	1078.32	9872	-16	434.47	755.0	266.1	49	385.8
A	Dec 2018	453	7.6	1081.46	10132	260	438.59	959.9	179.6	61	396.6
L	Jan 2019	487	7.9	1085.75	10493	361	442.10	1006.1	183.4	63	376.8
*	Feb 2019	621	11.2	1087.97	10682	189	443.82	1119.0	246.4	70	396.7
	Mar 2019	773	12.6	1088.20	10702	20	437.92	1112.0	309.7	70	400.7
	Apr 2019	1015	17.1	1084.78	10411	-291	437.64	900.0	416.0	58	409.6
	May 2019	1036	16.8	1080.69	10069	-342	432.55	1088.1	412.3	69	397.9
	Jun 2019	941	15.8	1078.07	9851	-217	425.91	1539.0	363.9	100	386.5
	Jul 2019	846	13.8	1077.97	9843	-8	424.88	1539.0	328.1	100	387.8
	Aug 2019	801	13.0	1079.05	9933	90	425.70	1539.0	309.5	100	386.4
	Sep 2019	760	12.8	1078.08	9852	-81	426.40	1539.0	293.7	100	386.3
	WY 2019	**9064**							**3556.3**		
	Oct 2019	513	8.3	1079.65	9982	130	430.27	1352.0	200.0	88	390.1
	Nov 2019	660	11.1	1079.32	9955	-27	433.95	1232.0	256.9	81	389.0
	Dec 2019	584	9.5	1080.85	10081	127	433.24	1140.0	226.4	75	387.9
	Jan 2020	593	9.6	1084.31	10371	290	434.10	1067.0	231.3	70	390.3
	Feb 2020	681	11.8	1085.66	10486	115	435.64	1046.1	269.8	68	396.1
	Mar 2020	1007	16.4	1083.42	10296	-189	433.47	1220.0	395.5	81	392.7
	Apr 2020	1081	18.2	1079.09	9935	-361	429.88	1140.9	427.4	80	395.3
	May 2020	1021	16.6	1074.98	9599	-336	423.58	1426.0	387.8	100	379.8
	Jun 2020	944	15.9	1071.93	9353	-246	420.04	1392.0	360.0	100	381.2
	Jul 2020	854	13.9	1071.64	9330	-23	418.71	1392.0	326.6	100	382.5
	Aug 2020	751	12.2	1073.37	9469	139	419.75	1529.1	284.3	100	378.6
	Sep 2020	736	12.4	1072.70	9415	-54	420.92	1525.3	279.6	100	380.1
	WY 2020	**9425**							**3645.5**		
	Oct 2020	500	8.1	1074.47	9558	143	423.75	1348.8	191.7	88	383.3
	Nov 2020	624	10.5	1074.58	9567	9	426.96	1238.4	239.6	81	384.3
	Dec 2020	585	9.5	1076.15	9694	127	425.93	1164.8	221.7	75	379.3
	Jan 2021	593	9.6	1079.68	9985	290	426.24	1092.7	225.4	70	380.2
	Feb 2021	678	12.2	1081.10	10103	118	427.69	1076.7	261.3	68	385.5

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2019 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2018	836	13.6	642.57	1687	-17	139.99	189.2	105.4	74	126.1
H	Apr 2018	1001	16.8	642.40	1682	-5	141.14	207.4	125.1	81	125.0
I	May 2018	1001	16.3	643.17	1703	21	141.89	204.0	126.2	80	126.1
S	Jun 2018	909	15.3	644.29	1734	31	143.00	255.0	115.0	100	126.6
T	Jul 2018	827	13.4	642.91	1696	-38	141.79	255.0	105.3	100	127.4
O	Aug 2018	730	11.9	642.29	1679	-17	141.02	255.0	92.7	100	127.1
R	Sep 2018	814	13.7	637.87	1561	-119	136.59	255.0	101.2	100	124.3
	WY 2018	**8981**							**1126.3**		
I	Oct 2018	635	10.3	637.08	1540	-21	135.95	184.3	77.8	72	122.4
C	Nov 2018	610	10.3	638.62	1581	40	137.20	158.1	78.4	62	128.4
A	Dec 2018	375	6.3	640.79	1639	58	140.00	153.0	47.3	60	126.1
L	Jan 2019	418	6.8	641.89	1668	30	143.26	159.6	56.8	63	135.8
*	Feb 2019	569	10.2	643.20	1704	36	144.69	209.5	70.2	82	123.4
	Mar 2019	764	12.4	642.50	1685	-19	140.04	189.2	96.4	86	126.2
	Apr 2019	969	16.3	643.00	1699	14	138.57	207.4	120.9	83	124.8
	May 2019	1002	16.3	643.00	1699	0	138.81	204.0	125.4	100	125.1
	Jun 2019	900	15.1	643.00	1699	0	139.21	255.0	112.9	100	125.4
	Jul 2019	836	13.6	642.00	1671	-27	139.25	255.0	104.9	100	125.5
	Aug 2019	767	12.5	642.00	1671	0	139.17	255.0	96.2	100	125.4
	Sep 2019	784	13.2	640.01	1618	-54	137.91	255.0	97.4	100	124.2
	WY 2019	**8629**							**1084.3**		
	Oct 2019	678	11.0	633.00	1434	-183	134.23	174.4	81.9	82	120.9
	Nov 2019	580	9.7	635.00	1486	51	132.25	158.1	69.1	60	119.1
	Dec 2019	465	7.6	638.71	1583	97	136.05	153.0	57.0	79	122.6
	Jan 2020	483	7.9	641.80	1666	83	139.32	141.5	60.7	70	125.5
	Feb 2020	658	11.4	641.80	1666	0	139.36	207.6	82.6	74	125.6
	Mar 2020	944	15.4	643.05	1700	34	138.55	207.3	117.9	100	124.8
	Apr 2020	1049	17.6	643.00	1699	-1	138.40	234.6	130.8	100	124.7
	May 2020	987	16.1	643.00	1699	0	138.89	255.0	123.6	100	125.1
	Jun 2020	903	15.2	643.00	1699	0	139.19	255.0	113.2	100	125.4
	Jul 2020	844	13.7	642.00	1671	-27	139.20	255.0	105.9	100	125.4
	Aug 2020	717	11.7	642.00	1671	0	139.48	255.0	90.1	100	125.7
	Sep 2020	759	12.8	640.01	1618	-54	138.07	255.0	94.4	100	124.4
	WY 2020	**9067**							**1127.1**		
	Oct 2020	665	10.8	633.00	1434	-183	134.32	185.9	80.5	82	121.0
	Nov 2020	543	9.1	635.00	1486	51	132.51	153.0	64.8	60	119.4
	Dec 2020	466	7.6	638.71	1583	97	136.05	200.7	57.1	79	122.6
	Jan 2021	484	7.9	641.80	1666	83	139.32	213.9	60.7	70	125.5
	Feb 2021	655	11.8	641.80	1666	0	139.23	207.6	82.1	74	125.4

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2019 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2018	638	10.4	447.46	570	-20	81.79	102.6	44.9	85	70.4
H	Apr 2018	735	12.4	447.13	564	-6	81.11	120.0	50.8	100	69.1
I	May 2018	697	11.3	448.51	590	26	82.36	120.0	48.5	100	69.6
S	Jun 2018	712	12.0	448.43	588	-1	80.33	120.0	49.7	100	69.9
T	Jul 2018	656	10.7	448.00	580	-8	81.97	120.0	46.0	100	70.2
O	Aug 2018	611	9.9	447.53	571	-9	79.27	120.0	42.7	100	69.9
R	Sep 2018	512	8.6	448.95	598	27	83.02	120.0	35.9	100	70.1
	WY 2018	**6479**							**451.7**		
I	Oct 2018	394	6.4	448.12	582	-16	82.83	90.0	27.9	75	70.9
C	Nov 2018	350	6.0	447.99	580	-3	82.25	93.0	26.1	78	74.4
A	Dec 2018	218	3.5	446.53	552	-27	81.03	116.1	12.9	97	59.1
L	Jan 2019	250	4.1	446.58	553	1	82.75	117.1	17.0	98	68.2
*	Feb 2019	372	6.7	447.53	571	18	81.87	95.4	25.8	79	69.4
	Mar 2019	671	10.9	447.50	571	-1	75.28	111.3	44.2	93	65.9
	Apr 2019	717	12.0	448.00	580	9	75.13	120.0	47.2	100	65.9
	May 2019	714	11.6	448.70	593	13	75.71	120.0	47.3	100	66.3
	Jun 2019	731	12.3	448.70	593	0	76.05	120.0	48.7	100	66.6
	Jul 2019	683	11.1	448.00	580	-13	75.71	120.0	45.2	100	66.2
	Aug 2019	612	9.9	447.50	571	-9	75.13	120.0	40.1	100	65.5
	Sep 2019	515	8.6	447.50	570	0	74.89	120.0	33.4	100	65.0
	WY 2019	**6226**							**415.9**		
	Oct 2019	468	7.6	447.50	571	0	76.29	90.0	30.9	75	66.0
	Nov 2019	390	6.6	447.50	571	0	76.14	93.0	25.5	78	65.3
	Dec 2019	319	5.2	446.50	552	-19	74.65	114.2	20.2	95	63.3
	Jan 2020	265	4.3	446.50	552	0	75.07	94.8	16.7	79	62.8
	Feb 2020	435	7.6	446.50	552	0	75.16	93.1	28.3	78	65.1
	Mar 2020	711	11.6	446.70	555	4	74.01	120.0	46.2	100	64.9
	Apr 2020	733	12.3	448.70	593	38	75.08	120.0	48.3	100	65.9
	May 2020	698	11.4	448.70	593	0	76.05	120.0	46.4	100	66.5
	Jun 2020	721	12.1	448.70	593	0	76.05	120.0	48.0	100	66.6
	Jul 2020	681	11.1	448.00	580	-13	75.71	120.0	45.0	100	66.2
	Aug 2020	601	9.8	447.50	571	-9	75.13	120.0	39.3	100	65.5
	Sep 2020	511	8.6	447.50	570	0	74.89	120.0	33.2	100	65.0
	WY 2020	**6533**							**428.0**		
	Oct 2020	488	7.9	447.50	571	0	76.29	90.0	32.3	75	66.1
	Nov 2020	362	6.1	447.50	571	0	76.19	92.0	23.5	77	65.1
	Dec 2020	314	5.1	446.50	552	-19	74.86	109.4	19.9	91	63.3
	Jan 2021	265	4.3	446.50	552	0	75.07	94.8	16.6	79	62.8
	Feb 2021	435	7.8	446.50	552	0	75.21	92.1	28.3	77	65.2

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Model Run ID: 3086

Processed On: 3/8/2019 3:02:16PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 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
*	Mar 2018	364	41	12	16	9	1
	Winter 2018	**2013**	**334**	**107**	**133**	**71**	**31**
H	Apr 2018	318	39	23	27	16	5
I	May 2018	318	63	23	33	20	7
S	Jun 2018	343	50	27	34	20	8
T	Jul 2018	384	48	27	36	20	8
O	Aug 2018	393	50	24	33	19	7
R	Sep 2018	288	47	8	29	16	1
	Summer 2018	**2045**	**297**	**133**	**193**	**111**	**36**
I	Oct 2018	268	39	11	19	9	4
C	Nov 2018	248	36	5	4	2	5
A	Dec 2018	313	47	5	6	2	5
L	Jan 2019	335	47	4	6	1	4
*	Feb 2019	302	42	6	8	1	3
	Mar 2019	293	21	6	7	4	4
	Winter 2019	**1758**	**232**	**36**	**50**	**19**	**24**
	Apr 2019	265	22	8	16	9	4
	May 2019	269	22	46	73	23	6
	Jun 2019	301	66	11	26	18	8
	Jul 2019	338	36	25	33	18	10
	Aug 2019	352	41	29	36	18	9
	Sep 2019	261	39	21	27	14	3
	Summer 2019	**1786**	**226**	**141**	**210**	**101**	**40**
	Oct 2019	249	36	12	16	9	6
	Nov 2019	248	35	4	5	3	5
	Dec 2019	278	42	7	9	5	5
	Jan 2020	329	43	7	9	5	4
	Feb 2020	284	40	7	9	0	4
	Mar 2020	301	22	0	11	6	4
	Winter 2020	**1689**	**218**	**36**	**59**	**29**	**28**
	Apr 2020	267	22	0	21	12	5
	May 2020	271	24	2	98	23	7
	Jun 2020	294	96	18	29	20	9
	Jul 2020	339	46	28	35	19	10
	Aug 2020	358	45	31	37	19	10
	Sep 2020	266	44	30	36	19	2
	Summer 2020	**1171**	**188**	**48**	**182**	**74**	**30**
	Oct 2020	254	34	20	24	13	5
	Nov 2020	252	33	16	20	10	5
	Dec 2020	283	43	33	40	20	5
	Jan 2021	336	43	23	29	15	5
	Feb 2021	292	38	11	15	8	4

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Processed On: 3/8/2019 3:02:16PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 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	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Mar 2019	824	582	831	15061	17298	16695	33993	453	405	451	1310	15061	16695	33065	1500	773	0	26.5
Apr 2019	807	579	810	15430	17627	16675	34302	432	402	425	1258	15430	16675	33363	1500	1015	0	26.3
May 2019	749	542	751	15498	17540	16966	34506	366	363	343	1072	15498	16966	33536	1500	1036	0	27.3
Jun 2019	643	515	647	14386	16191	17308	33499	248	322	200	770	14386	17308	32464	1500	941	0	29.2
Jul 2019	499	257	545	12799	14098	17526	31624	92	37	42	172	12799	17526	30496	1500	846	0	29.3
								****CREDITABLE SPACE****										
Aug 2019	425	216	562	12714	13918	17534	31452	425	216	562	1204	12714	17534	31452	1500	801	0	29.0
Sep 2019	475	246	590	13049	14360	17444	31804	475	246	590	1311	13049	17444	31804	2270	760	0	28.5
Oct 2019	544	265	595	13242	14647	17525	32172	544	265	595	1404	13242	17525	32172	3040	513	0	28.3
Nov 2019	595	265	587	13362	14809	17395	32204	595	265	587	1447	13362	17395	32204	3810	660	0	28.2
Dec 2019	643	245	584	13532	15005	17422	32427	643	245	584	1473	13532	17422	32427	4580	584	0	28.0
Jan 2020	725	243	586	13814	15368	17296	32664	725	243	586	1554	13814	17296	32664	5350	593	0	27.9
								****EFFECTIVE SPACE****										
Jan 2020	725	243	586	13814	15368	17296	32664	365	243	572	1180	13814	17296	32290	5350	593	0	27.9
Feb 2020	802	242	590	14212	15845	17006	32851	442	242	575	1259	14212	17006	32477	1500	681	0	27.7
Mar 2020	867	241	584	14499	16191	16891	33082	507	241	568	1316	14499	16891	32706	1500	1007	0	27.4
Apr 2020	832	231	535	14734	16332	17081	33412	466	231	513	1209	14734	17081	33024	1500	1081	0	27.3
May 2020	765	199	452	14628	16045	17442	33486	392	199	406	997	14628	17442	33066	1500	1021	0	28.5
Jun 2020	599	239	287	13444	14569	17778	32347	212	229	201	641	13444	17778	31863	1500	944	0	30.0
Jul 2020	485	61	179	12116	12841	18024	30865	85	27	36	148	12116	18024	30288	1500	854	0	30.1
								****CREDITABLE SPACE****										
Aug 2020	418	32	205	12014	12669	18047	30715	418	32	205	654	12014	18047	30715	1500	751	0	29.8
Sep 2020	467	60	248	12315	13090	17908	30997	467	60	248	775	12315	17908	30997	2270	736	0	29.4
Oct 2020	542	111	339	12393	13386	17962	31347	542	111	339	992	12393	17962	31347	3040	500	0	29.2
Nov 2020	583	133	326	12500	13541	17819	31360	583	133	326	1041	12500	17819	31360	3810	624	0	29.0
Dec 2020	624	154	330	12633	13740	17810	31550	624	154	330	1107	12633	17810	31550	4580	585	0	28.9
Jan 2021	706	238	341	12827	14112	17683	31794	706	238	341	1285	12827	17683	31794	5350	593	0	28.8
								****EFFECTIVE SPACE****										
Jan 2021	706	238	341	12827	14112	17683	31794	368	189	-84	473	12827	17683	30983	5350	593	0	28.8
Feb 2021	783	292	354	13166	14595	17392	31987	445	244	-72	617	13166	17392	31176	1500	678	0	28.5

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