February 24-Month Study
Date: February 13, 2018

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

Current Reservoir Status

Reservoir	January Inflow (unregulated) (acre-feet)	Percent of Average (%)	February 12, Midnight Elevation (feet)	February 12, Midnight Reservoir Storage (acre-feet)
Fontenelle	42,000	139	6,477.31	152,000
Flaming Gorge	52,000	129	6,026.95	3,233,000
Blue Mesa	20,000	84	7,486.15	552,000
Navajo	12,000	56	6,052.15	1,251,000
Powell	262,000	72	3,617.89	13,541,000

Expected Operations

The operation of Lake Powell and Lake Mead in this February 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, Lake Powell's operations in water year 2018 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 2018. This February 2018 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 Lake Powell is projected to release 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 6479 feet above sea level (feet), which amounts to 47 percent of live storage capacity. Inflows for the month of January totaled 42,100 acre-feet (af), or 139 percent of average. Average to above average inflows are forecasted over the next few months and releases have been increased in order to meet the spring elevation target. Releases have been set to base flow levels of 1,300 cubic feet per second (cfs) and are forecasted to remain at this level through the winter.

The Colorado Basin River Forecast Center has forecasted spring inflows that are above average. February, March, and April forecasted inflow volumes amount to 38,000 af (137 percent of average), 58,000 af (110 percent of average), and 85,000 af (100 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., April 17, 2018. The meeting will be held at Seedskadee Wildlife Refuge Headquarters, Wyoming. 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 2,800 cfs and expected to remain at this level through February, subject to hydrology. Current estimates are for releases to decrease to 1,750 cfs beginning in March through the beginning of spring runoff.

Unregulated inflow into Flaming Gorge Reservoir during the month of January was 52,000 af, or 130 percent of average. The reservoir elevation is 6,027.39 feet (87 percent of live capacity) and decreasing.

The February final forecast for inflows for the next three months projects above average conditions: February, March and April forecasted inflow volumes at 55,000 af (123 percent of average), 104,000 af (102 percent of average), and 125,000 af (94 percent of average), respectively.

The January water supply forecast of the April through July unregulated inflow volume into Flaming Gorge Reservoir is 890,000 acre-feet (91 percent of average). Current snowpack is 102 percent of median for the Upper Green Basin. The Upper Green is doing well compared against the southern portion of the Upper Colorado River Basin. The Yampa River forecast for Deerlodge is 790,000 acre-feet (64 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. 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 Heather Patno at 801-524-3883.

Reclamation will be holding the next Flaming Gorge Working Group meeting on Thursday, March 8, 2018, at 7:00 p.m. at the Lighthouse Learning Center High School (gymnasium), 251 West 400 North, Price, Utah, and the next on April 19, 2018, at 11:00 a.m. at the UDWR offices 318 North Vernal Ave, Vernal, Utah.

Aspinall Unit Reservoirs – Releases from Crystal Dam are approximately 650 cfs. Uncompahgre Valley Water Users Association shut down the Gunnison Tunnel on November 1, 2017 so all releases from Crystal are now flowing through the Black Canyon. Blue Mesa Reservoir elevation is 7586.15 feet which corresponds to a storage content 552,000 acre-feet (67 percent of full capacity). Releases from Crystal are likely to be reduced in the near future if hydrologic conditions do not improve.

The January unregulated inflow to Blue Mesa Reservoir was 20,355 af (84 percent of average). Unregulated Inflows to Blue Mesa for the next three months (February, March and April) are projected to be: 20,000 af (91 percent of average), 30,000 af (83 percent of average) and 48,000 af (62 percent of average), respectively. For water year 2018, the unregulated inflow volume is forecasted to be 627,000 af (66 percent of average) with 400,000 af (59 percent of average) forecasted unregulated inflow during the April through July period. The February 24-Month Study is reflective of this new forecast.

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

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

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

The next meeting of the Aspinall Unit Working Group will be held on Thursday, April 17th, 2018 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 February 5, 2018, the daily average release at Navajo is 360 cfs, and the observed inflow is 190 cfs. The reservoir elevation is 6052.3 feet (1,253,100 af), and is 74 percent full (57 percent of active storage). The San Juan River at Four Corners USGS gage is at 580 cfs. The Animas River at Farmington USGS gage is at 190

cfs. Releases are made for the authorized purposes of the Navajo Unit, and pursuant to the 2006 Record of Decision, in an 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.

Currently SNOTEL sites are showing an average of 4.3 inches of snow water equivalent (swe) above Navajo, which is 32% of the median and 21% of the seasonal median peak.

Modified unregulated inflow into Navajo was 12,194 af, which was 56% of average for the month. The most probable modified-unregulated inflow forecast for February at Navajo is 16,000 af (53% of average), for March is 35,000 af (38% of average), and for April is 53,000 af (31% of average).

The April through July runoff forecasts are as follows:
Min Probable: 120,000 af (16% of average)
Most Probable: 260,000 af (35% of average)
Max Probable: 500,000 af (68% of average)

Under the current soil moisture conditions, snowpack, and inflow forecast for the runoff season, there are no current plans for a spring peak release at Navajo Reservoir. Releases for the remainder of the winter will be made to maintain the target baseflow in the critical habitat reach and will range from 300 and 500 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.

The next Navajo Public Operations Coordination Meeting is scheduled for February 13, 2018, at 1:00 p.m. at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status
The unregulated inflow to Lake Powell in January was 262 thousand acre-feet (kaf) (72 percent of average). The release volume from Glen Canyon Dam in January was 860 kaf. The end of January elevation and storage of Lake Powell were 3,619 feet (81 feet from full pool) and 13.7 maf (56 percent of full capacity), respectively. The reservoir is

declining and will continue to decline until spring runoff begins to enter the reservoir. The current snowpack above Lake Powell is 66 percent of average.

Current Operations

The operating tier for water year 2018 was established in August 2017 as the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April 2018 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2018. This projection will be updated each month throughout 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 February 2018, the release volume will be approximately 730 kaf, with fluctuations anticipated between approximately 10,500 cfs and 13,900 cfs and consistent with the Glen Canyon Dam, Record of Decision (dated December 2016). The anticipated release volume for March is approximately 800 kaf with daily fluctuations between approximately 7,200 cfs and 16,000 cfs. The expected release for April is 705 kaf with daily fluctuations between approximately 8,650 cfs and 15,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of up to 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 27 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 February 2, 2018, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 3.4 maf (47 percent of average based on the period 1981-2010). The projected water year 2018 inflow is 6.1 maf (56 percent of average). At this early point in the season, there is still significant uncertainty regarding this year's water supply. The April-July forecast ranges from a minimum probable of 2.11 maf (29 percent of average) to a maximum probable of 6.5 maf (90 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 February 24-Month Study projects Lake Powell elevation will end water year 2018 near 3,603 feet with approximately 12.0 maf in storage (49 percent of capacity). Note that projections of elevation and storage for water year 2018 have significant uncertainty at this point in the season. Projections of elevation and storage using the minimum and maximum probable inflow forecast, updated in January, are 3,591 feet (10.9 maf, 45 percent of capacity) and 3,628 feet (14.7 maf, 60 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, potentially in lower elevation and storage. The annual release volume from Lake Powell during water year 2018 is projected to be 9.0 maf under the minimum, most, and maximum probable inflow scenarios. There is a chance that inflows could be higher or lower, potentially resulting in releases greater than 9.0 maf or as low as 8.23 maf in water year 2018. The minimum and maximum probable scenarios will be updated again in April.

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 6.1 maf (56 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 29.3 maf (49 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 January minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2018

total system capacity is approximately 28.0 maf (47 percent of capacity) to 32.7 maf (55 percent of capacity), respectively.

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
PHONE 801-524-3709

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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			jan	Forecast		Outlook		
:	oct	nov	dec	jan	%Avg	feb	mar	apr	apr-jul	%Avg
GLDA3:Lake Powell	449	387	299	262	73%:	310/	440/	550/	3400/:	47%
GBRW4:Fontenelle	73	62	46	42	139%:	38/	58/	85/	750/:	103%
GRNU1:Flaming Gorge	88	82	52	52	129%:	55/	104/	125/	890/:	91%
BMDC2:Blue Mesa	37	32	25	20	82%:	20/	30/	48/	400/:	59%
MPSC2:Morrow Point	38	34	26	22	83%:	20/	33/	55/	435/:	59%
CLSC2:Crystal	43	38	29	25	80%:	23/	38/	63/	480/:	57%
TPIC2:Taylor Park	8.2	5.9	4.1	4.2	98%:	3.5/	4/	7/	70/:	71%
VCRC2:Vallecito	8.6	5.1	3.2	2.7	50%:	3.5/	4/	8/	75/:	39%
NVRN5:Navajo	38	18.8	10.3	12.2	56%:	16/	35/	53/	260/:	35%
LEMC2:Lemon	1.31	0.73	0.50	0.40	46%:	0.5/	1/	2/	18/:	33%
MPHC2:McPhee	2.9	2.2	0.71	1.64	36%:	3/	7/	22/	110/:	37%
RBSC2:Ridgway	6.3	5.0	3.7	3.5	88%:	3/	4/	6/	56/:	55%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 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)
*	Feb 2017	51	1	0	57	57	6482.06	178
H	Mar 2017	180	1	0	150	150	6486.90	207
I	Apr 2017	225	1	0	304	304	6472.17	128
S	May 2017	430	1	54	373	427	6472.55	129
T	Jun 2017	732	2	74	469	543	6502.49	317
O	Jul 2017	332	3	88	230	319	6503.83	328
R	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**		
C	Oct 2017	73	1	80	0	80	6494.03	255
A	Nov 2017	62	1	78	0	78	6491.65	238
L	Dec 2017	46	1	72	8	80	6486.39	204
*	Jan 2018	42	1	79	1	80	6479.83	165
	Feb 2018	38	0	73	0	73	6472.64	131
	Mar 2018	58	0	77	0	77	6468.16	111
	Apr 2018	85	1	71	0	71	6471.24	124
	May 2018	165	1	74	0	74	6487.87	214
	Jun 2018	315	2	104	126	230	6499.74	297
	Jul 2018	185	3	101	39	140	6505.19	339
	Aug 2018	72	2	75	0	75	6504.53	334
	Sep 2018	45	2	68	0	68	6501.27	309
	WY 2018	**1186**	**15**	**951**	**175**	**1126**		
	Oct 2018	48	1	71	0	71	6498.09	285
	Nov 2018	42	1	68	0	68	6494.29	257
	Dec 2018	32	1	71	0	71	6488.42	218
	Jan 2019	30	1	71	0	71	6481.81	177
	Feb 2019	28	1	64	0	64	6474.71	140
	Mar 2019	53	0	79	0	79	6468.53	113
	Apr 2019	85	1	81	0	81	6469.57	117
	May 2019	164	1	98	21	119	6478.92	161
	Jun 2019	299	2	102	57	159	6500.05	299
	Jul 2019	178	3	101	31	132	6505.54	342
	Aug 2019	77	2	90	0	90	6503.55	326
	Sep 2019	46	2	71	0	71	6500.01	299
	WY 2019	**1081**	**15**	**966**	**109**	**1075**		
	Oct 2019	49	1	70	0	70	6496.93	276
	Nov 2019	42	1	68	0	68	6493.21	250
	Dec 2019	32	1	70	0	70	6487.38	211
	Jan 2020	30	1	70	0	70	6480.68	171

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

Model Run ID: 3052

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 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)
*	Feb 2017	106	112	2	109	0	109	124	6023.03	3088	189
H	Mar 2017	400	370	3	256	26	282	128	6025.25	3169	408
I	Apr 2017	350	428	5	268	244	511	124	6022.93	3084	745
S	May 2017	582	580	8	278	171	449	129	6026.15	3203	857
T	Jun 2017	895	705	11	263	223	486	137	6031.41	3404	859
O	Jul 2017	387	374	14	180	48	228	142	6034.61	3531	315
R	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**
C	Oct 2017	88	95	8	107	0	107	140	6033.17	3473	155
A	Nov 2017	82	98	4	139	0	139	138	6032.07	3430	171
L	Dec 2017	52	86	2	174	0	174	135	6029.85	3343	201
*	Jan 2018	52	90	2	175	0	175	131	6027.65	3259	203
	Feb 2018	55	90	2	156	0	156	129	6025.91	3194	183
	Mar 2018	104	123	3	100	0	100	129	6026.41	3213	160
	Apr 2018	125	111	5	95	0	95	130	6026.70	3224	245
	May 2018	220	129	8	160	0	160	128	6025.70	3186	480
	Jun 2018	350	265	10	156	0	156	132	6028.23	3281	436
	Jul 2018	195	150	14	98	0	98	133	6029.19	3318	138
	Aug 2018	87	90	13	98	0	98	133	6028.66	3298	114
	Sep 2018	56	79	11	95	0	95	132	6027.98	3272	105
	WY 2018	**1466**	**1406**	**80**	**1554**	**0**	**1554**				**2592**
	Oct 2018	60	82	7	98	0	98	131	6027.39	3249	121
	Nov 2018	51	78	3	95	0	95	130	6026.86	3229	122
	Dec 2018	35	74	2	98	0	98	129	6026.18	3204	124
	Jan 2019	40	81	2	98	0	98	128	6025.68	3185	123
	Feb 2019	45	81	2	89	0	89	128	6025.41	3176	117
	Mar 2019	102	129	3	98	0	98	129	6026.13	3202	175
	Apr 2019	134	129	5	95	0	95	130	6026.87	3230	310
	May 2019	245	200	8	98	0	98	134	6029.25	3320	630
	Jun 2019	390	249	11	150	0	150	137	6031.47	3406	570
	Jul 2019	210	165	14	161	0	161	137	6031.23	3397	261
	Aug 2019	89	102	13	108	0	108	136	6030.77	3379	133
	Sep 2019	55	81	11	104	0	104	135	6029.91	3345	123
	WY 2019	**1455**	**1450**	**81**	**1293**	**0**	**1293**				**2808**
	Oct 2019	59	81	7	108	0	108	133	6029.04	3312	140
	Nov 2019	51	77	3	104	0	104	132	6028.27	3283	136
	Dec 2019	35	73	2	108	0	108	131	6027.34	3248	133
	Jan 2020	40	80	2	108	0	108	130	6026.60	3220	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)
*	Feb 2017	4	5	9309.43	69
H	Mar 2017	6	6	9309.23	69
I	Apr 2017	13	9	9312.04	73
S	May 2017	30	19	9318.55	84
T	Jun 2017	62	45	9327.76	102
O	Jul 2017	24	26	9326.95	100
R	Aug 2017	12	25	9320.31	88
I	Sep 2017	8	18	9314.58	77
	WY 2017	**179**	**173**		
C	Oct 2017	8	8	9314.93	78
A	Nov 2017	6	6	9315.09	78
L	Dec 2017	4	6	9313.84	76
*	Jan 2018	4	6	9312.64	74
	Feb 2018	4	6	9311.73	73
	Mar 2018	4	6	9310.49	71
	Apr 2018	7	6	9311.11	72
	May 2018	21	9	9318.18	84
	Jun 2018	30	15	9326.22	99
	Jul 2018	12	18	9323.09	93
	Aug 2018	7	15	9318.74	85
	Sep 2018	6	12	9315.32	79
	WY 2018	**114**	**112**		
	Oct 2018	6	6	9315.22	79
	Nov 2018	5	6	9314.51	77
	Dec 2018	5	6	9313.72	76
	Jan 2019	4	6	9312.73	74
	Feb 2019	4	6	9311.39	72
	Mar 2019	4	6	9310.42	71
	Apr 2019	9	6	9312.12	73
	May 2019	28	18	9318.14	84
	Jun 2019	42	30	9324.48	95
	Jul 2019	20	20	9324.56	95
	Aug 2019	10	10	9324.71	96
	Sep 2019	7	8	9324.38	95
	WY 2019	**144**	**128**		
	Oct 2019	7	8	9323.68	94
	Nov 2019	5	8	9322.15	91
	Dec 2019	5	8	9320.35	88
	Jan 2020	4	8	9318.33	84

* 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)
*	Feb 2017	28	29	0	44	1	44	7488.71	571
H	Mar 2017	70	70	0	69	0	70	7488.71	571
I	Apr 2017	145	140	1	53	0	53	7499.55	658
S	May 2017	244	233	1	151	65	293	7491.98	597
T	Jun 2017	392	373	1	139	35	175	7515.35	793
O	Jul 2017	135	137	2	113	0	110	7518.20	819
R	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**		
C	Oct 2017	37	37	1	102	0	102	7500.64	667
A	Nov 2017	32	32	0	40	0	40	7499.68	659
L	Dec 2017	25	27	0	93	0	93	7491.44	593
*	Jan 2018	20	22	0	60	0	60	7486.51	554
	Feb 2018	20	22	0	33	0	33	7485.02	543
	Mar 2018	30	32	0	34	0	34	7484.72	541
	Apr 2018	48	47	1	50	0	50	7484.17	537
	May 2018	140	128	1	49	0	49	7494.29	615
	Jun 2018	155	140	1	53	0	53	7504.71	701
	Jul 2018	57	63	1	89	0	89	7501.45	673
	Aug 2018	35	43	1	89	0	89	7495.69	626
	Sep 2018	28	34	1	67	0	67	7491.44	593
	WY 2018	**627**	**626**	**8**	**757**	**0**	**757**		
	Oct 2018	32	32	1	41	0	41	7490.15	583
	Nov 2018	28	30	0	13	0	13	7492.19	599
	Dec 2018	26	27	0	24	0	24	7492.55	601
	Jan 2019	24	26	0	24	0	24	7492.80	603
	Feb 2019	22	25	0	21	0	21	7493.19	606
	Mar 2019	36	38	0	25	0	25	7494.67	618
	Apr 2019	77	74	1	36	0	36	7499.32	656
	May 2019	221	211	1	167	0	167	7504.41	698
	Jun 2019	261	249	1	136	0	136	7517.17	809
	Jul 2019	117	117	2	99	0	99	7518.93	825
	Aug 2019	63	63	1	108	0	108	7513.78	779
	Sep 2019	38	39	1	107	0	107	7505.76	709
	WY 2019	**946**	**929**	**9**	**804**	**0**	**804**		
	Oct 2019	38	40	1	66	0	66	7502.59	683
	Nov 2019	31	34	0	53	0	53	7500.33	664
	Dec 2019	26	29	0	85	0	85	7493.31	607
	Jan 2020	24	28	0	68	0	68	7488.20	567

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 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)
*	Feb 2017	29	44	1	45	55	0	55	7140.48	102
H	Mar 2017	74	70	5	74	64	0	68	7148.96	108
I	Apr 2017	157	53	12	66	65	0	65	7149.64	109
S	May 2017	263	293	19	312	203	0	312	7149.70	109
T	Jun 2017	411	175	19	195	184	0	193	7151.34	110
O	Jul 2017	139	110	4	114	37	0	111	7155.13	113
R	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**		
C	Oct 2017	38	102	1	103	105	0	105	7153.17	112
A	Nov 2017	34	40	1	41	42	0	42	7152.45	111
L	Dec 2017	26	93	1	94	94	0	94	7152.45	111
*	Jan 2018	22	60	2	62	62	0	63	7150.65	110
	Feb 2018	20	33	0	33	30	0	30	7153.73	112
	Mar 2018	33	34	3	37	37	0	37	7153.73	112
	Apr 2018	55	50	7	57	57	0	57	7153.73	112
	May 2018	152	49	12	61	61	0	61	7153.73	112
	Jun 2018	168	53	13	66	66	0	66	7153.73	112
	Jul 2018	60	89	3	92	92	0	92	7153.73	112
	Aug 2018	37	89	2	91	91	0	91	7153.73	112
	Sep 2018	30	67	2	69	69	0	69	7153.73	112
	WY 2018	**675**	**757**	**47**	**805**	**805**	**0**	**806**		
	Oct 2018	34	41	2	43	43	0	43	7153.73	112
	Nov 2018	30	13	2	15	15	0	15	7153.73	112
	Dec 2018	28	24	2	26	26	0	26	7153.73	112
	Jan 2019	27	24	2	26	26	0	26	7153.73	112
	Feb 2019	25	21	3	24	24	0	24	7153.73	112
	Mar 2019	40	25	4	29	29	0	29	7153.73	112
	Apr 2019	88	36	11	47	47	0	47	7153.73	112
	May 2019	247	167	26	193	193	0	193	7153.73	112
	Jun 2019	281	136	20	156	156	0	156	7153.73	112
	Jul 2019	123	99	6	105	105	0	105	7153.73	112
	Aug 2019	67	108	3	112	112	0	112	7153.73	112
	Sep 2019	41	107	3	110	110	0	110	7153.73	112
	WY 2019	**1030**	**804**	**85**	**888**	**888**	**0**	**888**		
	Oct 2019	41	66	3	68	68	0	68	7153.73	112
	Nov 2019	33	53	2	55	55	0	55	7153.73	112
	Dec 2019	28	85	2	88	88	0	88	7153.73	112
	Jan 2020	27	68	2	70	70	0	70	7153.73	112

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February 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)
*	Feb 2017	34	55	4	59	56	4	60	6749.56	16	0	60
H	Mar 2017	81	68	6	74	0	73	73	6752.06	17	8	67
I	Apr 2017	167	65	10	75	31	44	75	6751.65	17	39	38
S	May 2017	285	312	22	334	86	73	331	6759.83	19	62	270
T	Jun 2017	446	193	36	229	44	127	231	6751.78	17	61	172
O	Jul 2017	148	111	8	119	96	25	121	6746.24	15	63	60
R	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**
C	Oct 2017	43	105	5	110	109	0	109	6751.20	16	55	53
A	Nov 2017	38	42	4	46	46	0	46	6749.89	16	1	46
L	Dec 2017	29	94	3	97	97	0	97	6749.23	16	1	98
*	Jan 2018	25	63	3	66	62	4	66	6747.99	16	1	67
	Feb 2018	23	30	3	33	32	0	32	6753.04	17	0	32
	Mar 2018	38	37	5	42	42	0	42	6753.04	17	5	37
	Apr 2018	63	57	8	65	65	0	65	6753.04	17	30	35
	May 2018	178	61	26	87	87	0	87	6753.04	17	55	32
	Jun 2018	178	66	10	76	76	0	76	6753.04	17	60	16
	Jul 2018	61	92	1	93	93	0	93	6753.04	17	65	28
	Aug 2018	39	91	2	93	93	0	93	6753.04	17	65	28
	Sep 2018	32	69	2	71	71	0	71	6753.04	17	55	16
	WY 2018	**747**	**806**	**72**	**879**	**873**	**5**	**877**			**392**	**487**
	Oct 2018	37	43	3	47	47	0	47	6753.04	17	30	17
	Nov 2018	34	15	4	19	19	0	19	6753.04	17	0	19
	Dec 2018	32	26	5	31	31	0	31	6753.04	17	0	31
	Jan 2019	31	26	5	31	31	0	31	6753.04	17	0	31
	Feb 2019	29	24	4	28	28	0	28	6753.04	17	0	28
	Mar 2019	46	29	6	36	36	0	36	6753.04	17	5	31
	Apr 2019	101	47	12	60	60	0	60	6753.04	17	30	30
	May 2019	281	193	34	228	134	93	228	6753.04	17	55	173
	Jun 2019	315	156	34	190	130	60	190	6753.04	17	60	130
	Jul 2019	138	105	14	120	120	0	120	6753.04	17	65	55
	Aug 2019	75	112	8	120	120	0	120	6753.04	17	65	55
	Sep 2019	47	110	6	116	116	0	116	6753.04	17	55	61
	WY 2019	**1166**	**888**	**136**	**1024**	**870**	**154**	**1024**			**365**	**659**
	Oct 2019	47	68	6	74	74	0	74	6753.04	17	30	44
	Nov 2019	38	55	5	60	60	0	60	6753.04	17	0	60
	Dec 2019	32	88	5	92	92	0	92	6753.04	17	0	92
	Jan 2020	31	70	5	75	75	0	75	6753.04	17	0	75

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2018 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)
*	Feb 2017	7	15	7645.42	76
H	Mar 2017	24	24	7645.75	77
I	Apr 2017	45	35	7649.82	87
S	May 2017	67	44	7658.86	109
T	Jun 2017	72	57	7664.54	124
O	Jul 2017	30	39	7660.94	115
R	Aug 2017	19	33	7655.15	100
I	Sep 2017	9	34	7644.31	74
	WY 2017	**303**	**297**		
C	Oct 2017	9	22	7638.22	61
A	Nov 2017	5	2	7639.49	63
L	Dec 2017	3	1	7640.27	65
*	Jan 2018	3	0	7641.42	67
	Feb 2018	3	0	7642.77	70
	Mar 2018	4	0	7644.32	74
	Apr 2018	8	0	7647.51	81
	May 2018	31	25	7650.00	87
	Jun 2018	25	34	7645.83	77
	Jul 2018	11	33	7635.10	54
	Aug 2018	10	31	7622.98	33
	Sep 2018	9	24	7610.54	18
	WY 2018	**121**	**174**		
	Oct 2018	11	14	7607.02	15
	Nov 2018	8	2	7612.94	21
	Dec 2018	6	2	7616.78	25
	Jan 2019	5	2	7619.54	29
	Feb 2019	5	2	7621.73	32
	Mar 2019	9	2	7626.10	38
	Apr 2019	23	2	7637.68	59
	May 2019	71	31	7655.06	99
	Jun 2019	70	44	7664.96	125
	Jul 2019	29	42	7659.89	112
	Aug 2019	20	38	7652.61	93
	Sep 2019	17	30	7647.41	81
	WY 2019	**275**	**209**		
	Oct 2019	16	17	7646.64	79
	Nov 2019	9	2	7649.57	86
	Dec 2019	6	2	7651.40	90
	Jan 2020	5	2	7652.82	94

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February 2018 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)
*	Feb 2017	56	1	62	1	1	27	6059.31	1339	47
H	Mar 2017	176	17	159	2	6	30	6068.54	1460	98
I	Apr 2017	235	33	193	3	19	33	6078.18	1598	132
S	May 2017	261	45	195	4	25	228	6073.94	1536	323
T	Jun 2017	231	46	166	5	40	259	6063.90	1398	458
O	Jul 2017	49	11	48	4	43	38	6061.00	1361	95
R	Aug 2017	30	5	38	4	35	36	6058.07	1323	57
I	Sep 2017	9	2	33	3	23	42	6055.28	1289	46
	WY 2017	**1157**	**160**	**991**	**28**	**198**	**785**			**1422**
C	Oct 2017	38	2	49	2	8	32	6055.89	1296	52
A	Nov 2017	19	0	16	1	0	25	6055.04	1286	42
L	Dec 2017	10	0	9	1	0	24	6053.69	1270	40
*	Jan 2018	12	0	10	1	0	24	6052.47	1255	40
	Feb 2018	16	0	13	1	0	28	6051.13	1239	36
	Mar 2018	35	0	31	1	5	32	6050.48	1231	44
	Apr 2018	53	10	36	2	21	38	6048.33	1206	57
	May 2018	116	23	87	3	35	29	6050.03	1226	89
	Jun 2018	66	15	60	4	51	33	6047.59	1198	95
	Jul 2018	25	2	46	4	56	53	6041.68	1131	77
	Aug 2018	29	0	49	3	47	54	6036.63	1077	72
	Sep 2018	28	0	43	2	26	49	6033.38	1043	65
	WY 2018	**447**	**52**	**448**	**25**	**249**	**420**			**707**
	Oct 2018	36	0	39	1	10	36	6032.59	1035	55
	Nov 2018	30	0	24	1	0	24	6032.48	1034	39
	Dec 2018	25	0	21	1	0	25	6032.03	1029	40
	Jan 2019	22	0	18	1	0	25	6031.36	1022	38
	Feb 2019	30	0	27	1	0	22	6031.77	1026	35
	Mar 2019	92	0	86	1	5	25	6037.02	1081	47
	Apr 2019	170	10	139	2	21	25	6045.36	1172	78
	May 2019	277	23	214	3	36	25	6058.00	1323	171
	Jun 2019	224	15	182	4	52	24	6065.83	1424	176
	Jul 2019	66	2	77	5	57	45	6063.67	1395	112
	Aug 2019	45	0	63	4	48	50	6060.69	1357	89
	Sep 2019	43	0	55	3	26	45	6059.22	1338	77
	WY 2019	**1060**	**50**	**945**	**26**	**254**	**370**			**956**
	Oct 2019	47	0	48	2	10	39	6059.10	1336	67
	Nov 2019	34	0	27	1	0	24	6059.21	1338	42
	Dec 2019	25	0	21	1	0	25	6058.83	1333	40
	Jan 2020	22	0	18	1	0	25	6058.27	1326	38

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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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)
*	Feb 2017	555	565	8	711	0	711	3594.33	4951	11217	720
H	Mar 2017	1112	895	14	722	0	722	3595.91	4963	11364	730
I	Apr 2017	1608	1494	23	623	0	623	3604.14	5026	12149	629
S	May 2017	2377	2321	29	652	0	652	3619.09	5147	13667	658
T	Jun 2017	3115	2680	51	749	0	749	3634.89	5286	15408	763
O	Jul 2017	1073	889	64	850	0	850	3634.69	5284	15385	875
R	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**
C	Oct 2017	449	533	39	640	0	640	3627.09	5216	14530	634
A	Nov 2017	387	454	37	630	0	630	3625.29	5200	14332	619
L	Dec 2017	299	483	29	740	0	740	3622.85	5179	14068	733
*	Jan 2018	262	442	9	860	0	860	3619.14	5147	13672	859
	Feb 2018	310	431	10	730	0	730	3616.42	5125	13387	732
	Mar 2018	440	443	16	800	0	800	3613.06	5097	13041	805
	Apr 2018	550	538	25	705	0	705	3611.32	5083	12863	713
	May 2018	1050	869	29	705	0	705	3612.55	5093	12988	711
	Jun 2018	1400	1138	46	760	0	760	3615.54	5117	13296	766
	Jul 2018	400	420	55	860	0	860	3611.06	5081	12837	875
	Aug 2018	290	427	53	900	0	900	3606.19	5042	12350	914
	Sep 2018	250	375	48	670	0	670	3602.94	5016	12033	679
	WY 2018	**6086**	**6554**	**396**	**9000**	**0**	**9000**				**9040**
	Oct 2018	380	438	33	640	0	640	3600.69	4999	11816	646
	Nov 2018	412	435	31	640	0	640	3598.39	4981	11597	644
	Dec 2018	363	424	24	720	0	720	3595.23	4958	11300	726
	Jan 2019	361	421	7	860	0	860	3590.74	4925	10887	866
	Feb 2019	393	428	8	750	0	750	3587.35	4900	10582	752
	Mar 2019	665	588	13	800	0	800	3585.00	4884	10374	805
	Apr 2019	1056	861	21	710	0	710	3586.37	4893	10495	718
	May 2019	2343	1948	26	710	0	710	3598.61	4983	11618	716
	Jun 2019	2666	2169	43	750	0	750	3611.60	5085	12892	756
	Jul 2019	1091	1061	55	850	0	850	3613.02	5097	13037	865
	Aug 2019	500	617	54	900	0	900	3609.94	5072	12724	914
	Sep 2019	408	555	49	670	0	670	3608.42	5059	12571	679
	WY 2019	**10637**	**9946**	**364**	**9000**	**0**	**9000**				**9086**
	Oct 2019	512	590	34	640	0	640	3607.63	5053	12493	646
	Nov 2019	473	538	33	640	0	640	3606.37	5043	12369	644
	Dec 2019	363	495	26	720	0	720	3604.00	5025	12136	726
	Jan 2020	361	475	8	860	0	860	3600.23	4995	11772	866

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Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Feb 2017	711	150	28	488	8.8	7	487	704	1089.78	10838
H	Mar 2017	722	97	32	911	14.8	16	910	696	1088.26	10707
I	Apr 2017	623	92	39	961	16.1	20	960	677	1084.89	10420
S	May 2017	652	39	44	917	14.9	29	915	659	1081.56	10141
T	Jun 2017	749	17	53	864	14.5	29	864	648	1079.52	9971
O	Jul 2017	850	89	66	885	14.4	31	885	646	1079.03	9931
R	Aug 2017	900	94	70	683	11.1	28	683	658	1081.44	10131
I	Sep 2017	663	70	58	600	10.1	21	591	662	1082.05	10182
	WY 2017	**9000**	**994**	**541**	**8620**		**235**	**8591**			
C	Oct 2017	640	44	43	596	9.7	23	595	663	1082.30	10202
A	Nov 2017	630	40	42	731	12.3	16	731	656	1080.95	10090
L	Dec 2017	740	43	37	594	9.7	12	593	664	1082.52	10221
*	Jan 2018	860	76	30	449	7.3	8	448	692	1087.50	10642
	Feb 2018	730	72	28	674	12.1	15	674	697	1088.43	10722
	Mar 2018	800	46	32	1014	16.5	22	1014	683	1086.00	10514
	Apr 2018	705	39	39	1051	17.7	23	1051	661	1081.89	10168
	May 2018	705	26	44	974	15.8	27	974	642	1078.33	9873
	Jun 2018	760	10	52	892	15.0	33	892	629	1075.94	9678
	Jul 2018	860	77	65	855	13.9	36	855	628	1075.72	9659
	Aug 2018	900	127	69	744	12.1	35	744	639	1077.77	9827
	Sep 2018	670	110	57	755	12.7	27	755	635	1077.10	9772
	WY 2018	**9000**	**710**	**539**	**9329**		**278**	**9326**			
	Oct 2018	640	71	42	544	8.9	29	544	641	1078.20	9862
	Nov 2018	640	65	42	681	11.4	21	681	639	1077.75	9825
	Dec 2018	720	51	36	602	9.8	14	602	646	1079.10	9936
	Jan 2019	860	64	30	628	10.2	12	628	661	1081.96	10174
	Feb 2019	750	72	28	692	12.5	14	692	667	1082.95	10257
	Mar 2019	800	46	31	1054	17.1	21	1054	651	1080.02	10013
	Apr 2019	710	39	38	1058	17.8	23	1058	628	1075.79	9665
	May 2019	710	26	43	965	15.7	27	965	610	1072.32	9385
	Jun 2019	750	10	51	880	14.8	33	880	598	1069.92	9193
	Jul 2019	850	77	64	835	13.6	36	835	597	1069.84	9186
	Aug 2019	900	127	68	736	12.0	34	736	609	1072.06	9364
	Sep 2019	670	110	56	750	12.6	27	750	605	1071.45	9315
	WY 2019	**9000**	**757**	**527**	**9424**		**292**	**9424**			
	Oct 2019	640	71	41	503	8.2	28	503	614	1073.07	9445
	Nov 2019	640	65	41	667	11.2	21	667	612	1072.79	9423
	Dec 2019	720	51	35	591	9.6	14	591	620	1074.30	9544
	Jan 2020	860	64	29	549	8.9	14	549	641	1078.11	9855

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 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)
*	Feb 2017	488	-13	10	486	0	486	8.7	642.70	1690
H	Mar 2017	911	-27	13	844	0	844	13.7	643.70	1718
I	Apr 2017	961	-23	17	955	0	955	16.1	642.45	1684
S	May 2017	917	-13	22	846	0	846	13.8	643.74	1719
T	Jun 2017	864	-6	25	853	0	853	14.3	643.01	1699
O	Jul 2017	885	-5	26	809	0	809	13.2	644.65	1744
R	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**			
C	Oct 2017	596	-2	15	671	0	671	10.9	636.00	1512
A	Nov 2017	731	-18	11	595	0	595	10.0	640.07	1619
L	Dec 2017	594	-16	9	552	0	552	9.0	640.68	1636
*	Jan 2018	449	2	10	437	0	437	7.1	640.86	1641
	Feb 2018	674	-16	10	618	0	618	11.1	642.00	1671
	Mar 2018	1014	-16	13	971	0	971	15.8	642.50	1685
	Apr 2018	1051	-20	17	1000	0	1000	16.8	643.00	1699
	May 2018	974	-13	22	939	0	939	15.3	643.00	1699
	Jun 2018	892	-18	25	876	0	876	14.7	642.00	1671
	Jul 2018	855	-16	25	827	0	827	13.5	641.50	1658
	Aug 2018	744	-12	23	709	0	709	11.5	641.50	1658
	Sep 2018	755	-11	18	766	0	766	12.9	640.01	1617
	WY 2018	**9329**	**-157**	**197**	**8960**	**0**	**8960**			
	Oct 2018	544	-4	15	709	0	709	11.5	633.00	1434
	Nov 2018	681	-11	10	608	0	608	10.2	635.00	1486
	Dec 2018	602	-10	9	486	0	486	7.9	638.71	1583
	Jan 2019	628	-19	10	516	0	516	8.4	641.80	1666
	Feb 2019	692	-16	10	666	0	666	12.0	641.80	1666
	Mar 2019	1054	-16	13	990	0	990	16.1	643.05	1700
	Apr 2019	1058	-20	17	1023	0	1023	17.2	643.00	1699
	May 2019	965	-13	22	930	0	930	15.1	643.00	1699
	Jun 2019	880	-18	25	864	0	864	14.5	642.00	1671
	Jul 2019	835	-16	25	807	0	807	13.1	641.50	1658
	Aug 2019	736	-12	23	701	0	701	11.4	641.50	1658
	Sep 2019	750	-11	18	760	0	760	12.8	640.01	1617
	WY 2019	**9424**	**-166**	**197**	**9060**	**0**	**9060**			
	Oct 2019	503	-4	15	668	0	668	10.9	633.00	1434
	Nov 2019	667	-11	10	594	0	594	10.0	635.00	1486
	Dec 2019	591	-10	9	475	0	475	7.7	638.71	1583
	Jan 2020	549	64	10	520	0	520	8.5	641.80	1666

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2018 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)
*	Feb 2017	486	14	8	393	7.1	13	62	448.30	586	160	2.9
H	Mar 2017	844	11	9	687	11.2	24	136	447.83	577	203	3.3
I	Apr 2017	955	13	11	729	12.3	42	160	448.73	594	181	3.0
S	May 2017	846	22	13	634	10.3	44	175	448.31	586	111	1.8
T	Jun 2017	853	0	15	689	11.6	57	79	448.41	588	126	2.1
O	Jul 2017	809	18	17	666	10.8	58	71	448.63	592	131	2.1
R	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**	**219**	**140**	**6204**		**664**	**1406**			**1513**	
C	Oct 2017	671	9	12	478	7.8	69	131	446.27	548	65	1.1
A	Nov 2017	595	12	9	349	5.9	89	127	447.86	577	99	1.7
L	Dec 2017	552	17	7	335	5.5	100	144	446.80	557	109	1.8
*	Jan 2018	437	4	6	329	5.3	29	90	445.81	539	125	2.0
	Feb 2018	618	10	8	465	8.4	13	110	447.20	565	152	2.7
	Mar 2018	971	7	9	718	11.7	55	181	447.50	570	192	3.1
	Apr 2018	1000	19	11	720	12.1	82	174	448.70	593	178	3.0
	May 2018	939	15	13	658	10.7	85	186	448.70	593	119	1.9
	Jun 2018	876	15	16	707	11.9	82	73	448.70	593	127	2.1
	Jul 2018	827	26	17	678	11.0	85	74	448.00	580	135	2.2
	Aug 2018	709	25	17	597	9.7	85	33	447.50	571	104	1.7
	Sep 2018	766	20	15	529	8.9	82	151	447.50	570	96	1.6
	WY 2018	**8960**	**179**	**139**	**6563**		**857**	**1473**			**1501**	
	Oct 2018	709	28	12	471	7.7	85	162	447.50	571	65	1.1
	Nov 2018	608	19	9	399	6.7	41	172	447.50	571	99	1.7
	Dec 2018	486	19	7	304	4.9	41	168	446.50	552	109	1.8
	Jan 2019	516	17	6	321	5.2	81	121	446.50	552	138	2.2
	Feb 2019	666	10	8	489	8.8	53	121	446.50	552	160	2.9
	Mar 2019	990	7	9	715	11.6	71	189	446.70	555	198	3.2
	Apr 2019	1023	19	11	709	11.9	91	184	448.70	593	175	2.9
	May 2019	930	15	13	638	10.4	92	189	448.70	593	104	1.7
	Jun 2019	864	15	16	681	11.4	91	79	448.70	593	105	1.8
	Jul 2019	807	26	17	645	10.5	92	79	448.00	580	111	1.8
	Aug 2019	701	25	17	585	9.5	92	29	447.50	571	100	1.6
	Sep 2019	760	20	15	513	8.6	91	152	447.50	570	89	1.5
	WY 2019	**9060**	**220**	**139**	**6470**		**920**	**1645**			**1453**	
	Oct 2019	668	28	12	486	7.9	50	141	447.50	571	74	1.2
	Nov 2019	594	19	9	407	6.8	50	141	447.50	571	116	1.9
	Dec 2019	475	19	7	311	5.1	50	141	446.50	552	131	2.1
	Jan 2020	520	-19	6	296	4.8	89	106	446.50	552	134	2.2

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 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
*	Feb 2017	488	8.8	1089.78	10838	317	446.75	938.0	190.4	58	390.4
H	Mar 2017	911	14.8	1088.26	10707	-131	440.44	1291.1	362.0	79	397.2
I	Apr 2017	961	16.1	1084.89	10420	-287	439.75	1227.0	381.0	76	396.5
S	May 2017	917	14.9	1081.56	10141	-280	434.83	1307.0	360.6	80	393.4
T	Jun 2017	864	14.5	1079.52	9971	-169	433.52	1500.0	335.0	94	387.5
O	Jul 2017	885	14.4	1079.03	9931	-40	432.24	1499.0	341.1	94	385.5
R	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**		
C	Oct 2017	596	9.7	1082.30	10202	21	441.43	976.1	229.0	66	384.2
A	Nov 2017	731	12.3	1080.95	10090	-113	435.01	996.0	287.9	63	393.6
L	Dec 2017	594	9.7	1082.52	10221	131	439.05	821.0	235.7	52	396.6
*	Jan 2018	449	7.3	1087.50	10642	421	442.14	834.0	176.5	51	392.9
	Feb 2018	674	12.1	1088.43	10722	80	438.13	1220.1	268.1	75	397.9
	Mar 2018	1014	16.5	1086.00	10514	-208	438.28	996.1	411.2	62	405.7
	Apr 2018	1051	17.7	1081.89	10168	-347	433.27	1191.0	419.0	75	398.7
	May 2018	974	15.8	1078.33	9873	-295	427.21	1484.0	378.6	95	388.6
	Jun 2018	892	15.0	1075.94	9678	-195	424.01	1557.0	341.0	100	382.3
	Jul 2018	855	13.9	1075.72	9659	-18	423.21	1557.0	330.6	100	386.7
	Aug 2018	744	12.1	1077.77	9827	168	424.27	1569.0	284.3	100	382.1
	Sep 2018	755	12.7	1077.10	9772	-55	425.44	1567.0	290.7	100	385.1
	WY 2018	**9329**							**3652.7**		
	Oct 2018	544	8.9	1078.20	9862	90	429.83	1269.9	207.5	81	381.0
	Nov 2018	681	11.4	1077.75	9825	-37	432.45	1266.1	264.9	81	389.2
	Dec 2018	602	9.8	1079.10	9936	111	431.72	1170.0	233.8	74	388.3
	Jan 2019	628	10.2	1081.96	10174	238	433.47	904.0	248.3	57	395.6
	Feb 2019	692	12.5	1082.95	10257	83	434.24	927.0	277.1	58	400.6
	Mar 2019	1054	17.1	1080.02	10013	-244	432.92	909.1	427.7	58	405.8
	Apr 2019	1058	17.8	1075.79	9665	-348	427.17	1157.0	416.6	74	393.7
	May 2019	965	15.7	1072.32	9385	-280	421.96	1344.0	371.1	87	384.7
	Jun 2019	880	14.8	1069.92	9193	-192	418.05	1509.6	331.2	100	376.3
	Jul 2019	835	13.6	1069.84	9186	-7	417.31	1509.1	317.4	100	380.4
	Aug 2019	736	12.0	1072.06	9364	177	418.53	1521.7	277.3	100	376.6
	Sep 2019	750	12.6	1071.45	9315	-49	419.81	1518.3	284.7	100	379.8
	WY 2019	**9424**							**3657.7**		
	Oct 2019	503	8.2	1073.07	9445	130	424.49	1231.6	194.0	81	385.4
	Nov 2019	667	11.2	1072.79	9423	-23	427.45	1229.7	256.1	81	384.0
	Dec 2019	591	9.6	1074.30	9544	122	426.88	1138.3	226.8	74	383.5
	Jan 2020	549	8.9	1078.11	9855	311	429.17	883.0	211.7	57	385.5

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 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
*	Feb 2017	486	8.7	642.70	1690	-21	141.54	162.1	63.8	64	131.4
H	Mar 2017	844	13.7	643.70	1718	28	141.08	194.1	109.6	76	129.9
I	Apr 2017	955	16.1	642.45	1684	-34	138.31	204.0	131.0	80	137.2
S	May 2017	846	13.8	643.74	1719	35	142.74	232.0	108.4	91	128.1
T	Jun 2017	853	14.3	643.01	1699	-20	141.59	255.0	107.4	100	126.0
O	Jul 2017	809	13.2	644.65	1744	45	143.65	255.0	101.5	100	125.5
R	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**		
C	Oct 2017	671	10.9	636.00	1512	-91	134.26	179.3	81.3	70	121.3
A	Nov 2017	595	10.0	640.07	1619	107	138.81	151.3	73.1	59	122.7
L	Dec 2017	552	9.0	640.68	1636	17	139.44	131.6	69.5	52	126.0
*	Jan 2018	437	7.1	640.86	1641	5	141.78	159.6	55.0	63	125.9
	Feb 2018	618	11.1	642.00	1671	31	137.18	162.1	77.3	64	125.2
	Mar 2018	971	15.8	642.50	1685	14	136.67	204.0	120.7	80	124.4
	Apr 2018	1000	16.8	643.00	1699	14	137.09	207.4	124.5	81	124.5
	May 2018	939	15.3	643.00	1699	0	137.43	204.0	117.6	80	125.2
	Jun 2018	876	14.7	642.00	1671	-27	135.51	255.0	109.4	100	124.9
	Jul 2018	827	13.5	641.50	1658	-14	134.73	255.0	103.1	100	124.6
	Aug 2018	709	11.5	641.50	1658	0	134.46	255.0	88.7	100	125.1
	Sep 2018	766	12.9	640.01	1617	-40	133.68	255.0	94.9	100	123.9
	WY 2018	**8960**							**1115.2**		
	Oct 2018	709	11.5	633.00	1434	-183	130.59	207.3	85.5	81	120.6
	Nov 2018	608	10.2	635.00	1486	51	129.19	170.0	72.2	67	118.8
	Dec 2018	486	7.9	638.71	1583	97	132.25	167.8	59.4	66	122.3
	Jan 2019	516	8.4	641.80	1666	83	134.43	210.6	64.6	83	125.1
	Feb 2019	666	12.0	641.80	1666	0	136.73	187.6	83.4	74	125.2
	Mar 2019	990	16.1	643.05	1700	34	137.26	190.8	123.2	75	124.4
	Apr 2019	1023	17.2	643.00	1699	-1	136.07	255.0	127.5	100	124.6
	May 2019	930	15.1	643.00	1699	0	136.04	255.0	116.5	100	125.2
	Jun 2019	864	14.5	642.00	1671	-27	135.51	255.0	108.0	100	125.0
	Jul 2019	807	13.1	641.50	1658	-14	134.73	255.0	100.6	100	124.8
	Aug 2019	701	11.4	641.50	1658	0	134.46	255.0	87.7	100	125.1
	Sep 2019	760	12.8	640.01	1617	-40	133.68	255.0	94.3	100	124.0
	WY 2019	**9060**							**1122.8**		
	Oct 2019	668	10.9	633.00	1434	-183	130.59	207.3	80.7	81	120.8
	Nov 2019	594	10.0	635.00	1486	51	129.19	170.0	70.6	67	118.9
	Dec 2019	475	7.7	638.71	1583	97	132.25	167.8	58.1	66	122.3
	Jan 2020	520	8.5	641.80	1666	83	133.85	230.3	65.1	90	125.1

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 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
*	Feb 2017	393	7.1	448.30	586	19	82.67	90.0	27.9	75	71.0
H	Mar 2017	687	11.2	447.83	577	-9	79.98	90.0	48.8	75	71.1
I	Apr 2017	729	12.3	448.73	594	17	80.51	120.0	51.3	100	70.3
S	May 2017	634	10.3	448.31	586	-8	82.36	120.0	44.8	100	70.6
T	Jun 2017	689	11.6	448.41	588	2	80.56	120.0	48.1	100	69.9
O	Jul 2017	666	10.8	448.63	592	4	82.74	120.0	46.5	100	69.9
R	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**		
C	Oct 2017	478	7.8	446.27	548	-17	80.03	92.9	33.6	77	70.4
A	Nov 2017	349	5.9	447.86	577	30	81.65	90.0	24.1	75	69.2
L	Dec 2017	335	5.5	446.80	557	-20	81.55	92.9	22.5	77	67.0
*	Jan 2018	329	5.3	445.81	539	-18	80.05	117.1	22.8	98	69.2
	Feb 2018	465	8.4	447.20	565	25	75.21	92.1	30.4	77	65.4
	Mar 2018	718	11.7	447.50	570	6	75.42	104.5	47.5	87	66.2
	Apr 2018	720	12.1	448.70	593	23	75.47	120.0	47.6	100	66.1
	May 2018	658	10.7	448.70	593	0	76.05	120.0	43.7	100	66.3
	Jun 2018	707	11.9	448.70	593	0	76.05	120.0	47.0	100	66.6
	Jul 2018	678	11.0	448.00	580	-13	75.71	120.0	44.8	100	66.2
	Aug 2018	597	9.7	447.50	571	-9	75.13	120.0	39.1	100	65.4
	Sep 2018	529	8.9	447.50	570	0	74.89	120.0	34.4	100	65.1
	WY 2018	**6563**							**437.6**		
	Oct 2018	471	7.7	447.50	571	0	76.19	91.9	31.0	77	65.9
	Nov 2018	399	6.7	447.50	571	0	75.83	99.0	26.0	83	65.1
	Dec 2018	304	4.9	446.50	552	-19	74.40	120.0	19.1	100	62.9
	Jan 2019	321	5.2	446.50	552	0	75.02	95.8	20.4	80	63.7
	Feb 2019	489	8.8	446.50	552	0	75.21	92.1	32.0	77	65.6
	Mar 2019	715	11.6	446.70	555	4	74.34	112.3	46.7	94	65.3
	Apr 2019	709	11.9	448.70	593	38	75.08	120.0	46.7	100	65.8
	May 2019	638	10.4	448.70	593	0	76.05	120.0	42.3	100	66.3
	Jun 2019	681	11.4	448.70	593	0	76.05	120.0	45.3	100	66.5
	Jul 2019	645	10.5	448.00	580	-13	75.71	120.0	42.6	100	66.0
	Aug 2019	585	9.5	447.50	571	-9	75.13	120.0	38.3	100	65.4
	Sep 2019	513	8.6	447.50	570	0	74.89	120.0	33.4	100	65.0
	WY 2019	**6470**							**423.7**		
	Oct 2019	486	7.9	447.50	571	0	76.29	90.0	32.1	75	66.1
	Nov 2019	407	6.8	447.50	571	0	76.14	93.0	26.7	78	65.5
	Dec 2019	311	5.1	446.50	552	-19	74.40	120.0	19.6	100	63.0
	Jan 2020	296	4.8	446.50	552	0	75.02	95.8	18.7	80	63.3

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

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2018 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
*	Feb 2017	307	43	13	19	10	0
H	Mar 2017	312	97	19	22	0	0
	Winter 2017	**1945**	**289**	**87**	**107**	**46**	**0**
I	Apr 2017	270	102	15	22	6	0
S	May 2017	291	105	43	72	17	4
T	Jun 2017	346	102	40	66	8	6
O	Jul 2017	399	71	35	13	18	8
R	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**
C	Oct 2017	294	42	30	37	21	7
A	Nov 2017	288	55	12	14	8	7
L	Dec 2017	339	68	27	33	19	6
*	Jan 2018	394	68	17	21	12	6
	Feb 2018	300	57	9	11	5	5
	Mar 2018	327	37	10	13	7	5
	Winter 2018	**1941**	**327**	**105**	**129**	**72**	**35**
	Apr 2018	286	35	15	21	11	5
	May 2018	286	58	14	22	15	5
	Jun 2018	309	57	16	24	13	9
	Jul 2018	350	36	27	33	16	10
	Aug 2018	362	36	27	33	16	7
	Sep 2018	267	35	20	25	12	6
	Summer 2018	**1861**	**257**	**119**	**157**	**84**	**42**
	Oct 2018	254	36	12	16	8	6
	Nov 2018	253	35	4	6	3	6
	Dec 2018	283	36	7	9	5	6
	Jan 2019	335	36	7	9	5	6
	Feb 2019	290	32	6	9	5	5
	Mar 2019	308	36	8	11	6	5
	Winter 2019	**1722**	**211**	**44**	**59**	**33**	**34**
	Apr 2019	273	35	11	17	10	5
	May 2019	276	36	51	70	23	7
	Jun 2019	300	55	42	56	22	8
	Jul 2019	345	59	31	38	21	10
	Aug 2019	365	40	34	40	21	9
	Sep 2019	270	38	33	40	20	7
	Summer 2019	**1558**	**224**	**170**	**221**	**97**	**39**
	Oct 2019	257	39	20	25	13	6
	Nov 2019	256	38	16	20	10	6
	Dec 2019	287	39	26	32	16	6
	Jan 2020	340	39	20	25	13	5

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2018 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****										
Feb 2018	669	275	441	10650	12035	16735	28770	284	142	60	486	10650	16735	27871	1500	674	0	31.7
Mar 2018	769	286	457	10935	12448	16655	29103	384	155	75	614	10935	16655	28204	1500	1014	0	31.1
Apr 2018	770	289	465	11281	12804	16863	29667	380	159	76	615	11281	16863	28759	1500	1051	0	30.6
May 2018	746	293	490	11459	12987	17209	30196	351	161	78	590	11459	17209	29258	1500	974	0	30.6
Jun 2018	694	214	470	11334	12712	17504	30216	291	70	20	381	11334	17504	29219	1500	892	0	30.9
Jul 2018	516	129	498	11026	12170	17699	29869	97	-32	-7	58	11026	17699	28784	1500	855	0	30.4
								****CREDITABLE SPACE****										
Aug 2018	437	156	565	11485	12643	17718	30360	437	156	565	1158	11485	17718	30360	1500	744	0	30.0
Sep 2018	463	203	619	11972	13257	17550	30806	463	203	619	1285	11972	17550	30806	2270	755	0	29.4
Oct 2018	514	237	653	12289	13693	17605	31298	514	237	653	1404	12289	17605	31298	3040	544	0	29.0
Nov 2018	560	247	661	12506	13975	17515	31490	560	247	661	1468	12506	17515	31490	3810	681	0	28.8
Dec 2018	607	231	662	12725	14225	17552	31777	607	231	662	1500	12725	17552	31777	4580	602	0	28.6
Jan 2019	672	228	667	13022	14589	17441	32030	672	228	667	1567	13022	17441	32030	5350	628	0	28.5
								****EFFECTIVE SPACE****										
Jan 2019	672	228	667	13022	14589	17441	32030	376	228	553	1158	13022	17441	31620	5350	628	0	28.5
Feb 2019	732	226	674	13435	15066	17203	32269	434	226	559	1220	13435	17203	31857	1500	692	0	28.2
Mar 2019	778	223	670	13740	15411	17120	32531	479	223	554	1256	13740	17120	32116	1500	1054	0	27.9
Apr 2019	779	211	615	13948	15553	17364	32917	475	211	493	1179	13948	17364	32492	1500	1058	0	27.8
May 2019	747	174	524	13827	15271	17712	32983	437	174	379	990	13827	17712	32528	1500	965	0	29.0
Jun 2019	613	132	373	12704	13821	17992	31813	290	132	190	611	12704	17992	31307	1500	880	0	30.5
Jul 2019	389	20	272	11430	12111	18184	30295	50	18	32	100	11430	18184	29713	1500	835	0	30.6
								****CREDITABLE SPACE****										
Aug 2019	355	4	301	11285	11946	18191	30136	355	4	301	660	11285	18191	30136	1500	736	0	30.4
Sep 2019	389	50	339	11598	12377	18013	30390	389	50	339	779	11598	18013	30390	2270	750	0	30.0
Oct 2019	450	120	358	11751	12678	18062	30740	450	120	358	928	11751	18062	30740	3040	503	0	29.8
Nov 2019	506	147	360	11829	12841	17932	30772	506	147	360	1012	11829	17932	30772	3810	667	0	29.6
Dec 2019	562	165	358	11953	13039	17954	30993	562	165	358	1085	11953	17954	30993	4580	591	0	29.4
Jan 2020	635	222	363	12186	13406	17833	31239	635	222	363	1220	12186	17833	31239	5350	549	0	29.3
								****EFFECTIVE SPACE****										
Jan 2020	635	222	363	12186	13406	17833	31239	288	222	363	873	12186	17833	30891	5350	549	0	29.3

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