

January 24-Month Study
Date: January 13, 2017

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

Current Reservoir Status

Reservoir	December Inflow (unregulated) (acre-feet)	Percent of Average (%)	January 12, Midnight Elevation (feet)	January 12, Midnight Reservoir Storage (acre-feet)
Fontenelle	37,000	148	6,485.08	195,000
Flaming Gorge	73,000	143	6,023.73	3,114,000
Blue Mesa	26,000	83	7,491.19	591,000
Navajo	26,000	58	6,056.25	1,301,000
Powell	300,000	69	3,598.45	11,603,000

Expected Operations

The operation of Lake Powell and Lake Mead in this January 2017 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 2017 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2016 24-Month Study projections of the January 1, 2017, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2017.

Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2017 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 2017. This January 2017 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 2017.

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 2017.

The Interim Guidelines are available for download at:

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

The 2017 AOP is available for download at:

<https://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP17.pdf>.

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6485 feet above sea level (feet), which amounts to 57 percent of live storage capacity. Inflows for the month of December totaled 37,000 acre-feet (af), or 147 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 increased to base flow levels of 1,025 cubic feet per second (cfs) and are forecasted to remain at this level through the winter, subject to hydrology.

The Colorado Basin River Forecast Center has forecasted spring inflows that are at or above average. January, February, and March forecasted inflow volumes amount to 30,000 af (105 percent of average), 28,000 af (101 percent of average), and 50,000 af (95 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., April 19, 2017. The meeting will be held at Seedskaadee 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 1,800 cfs and expected to remain at this level through February, subject to hydrology.

Unregulated inflow into Flaming Gorge Reservoir during the month of December was 35,000 af, or 100 percent of average. The reservoir elevation is 6,023.7 feet (83 percent of live capacity) and is decreasing.

The January final forecast for inflows for the next three months projects average conditions: January, February and March forecasted inflow volumes at 43,000 af (107 percent of average), 45,000 af (101 percent of average), and 100,000 af (98 percent of average), respectively.

The January water supply forecast of the April through July unregulated inflow volume into Flaming Gorge Reservoir is 1.23 maf (126 percent of average). This forecast was issued prior to significant storm activity within the basin and the February forecast is anticipated to be much above average. Current snowpack is 173 percent of median for the Upper Green Basin with additional storm systems anticipated toward the end of January.

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 Flaming Gorge Working Group meeting on Thursday, April 20, 2017, at 10:00 a.m. at the Utah Division of Wildlife Resources offices located at 318 North Vernal Avenue, Vernal, Utah.

Aspinall Unit Reservoirs – Crystal Dam is currently releasing 600 cfs and the Gunnison Tunnel diversion is shut down except for occasional diversions to fill Fairview Reservoir. The average flow through the Black Canyon is measuring approximately 600 cfs at the stream gage below Gunnison Tunnel. The December unregulated inflow to Blue Mesa Reservoir was 26,000 af (100 percent of average). The end of December reservoir elevation for Blue Mesa was 7491.43 feet. This was 1.43 feet above the end of December icing target elevation due to low inflow forecasts Reclamation was receiving during the fall. It was decided at that time to allow the elevation of Blue Mesa to remain slightly fuller based on these forecasts to conserve water for next year.

During December and early January, the snowpack conditions in the Gunnison Basin increased significantly. On December 1, 2016 the Upper Gunnison Basin percent of median snow water equivalent was 69%. On December 31, 2016 that percentage had increased to 119%. As of January 13, 2017 the Upper Gunnison Basin percent of median snow water equivalent was 171% of median. This significant increase was well above expected levels and is very good news for the 2017 runoff season.

Unregulated Inflows to Blue Mesa for the next three months (January, February and March) are projected to be: 23,000 af (96 percent of average), 20,000 af (91 percent of average) and 32,000 af (100 percent of average), respectively. The April through July unregulated inflow forecast is currently 575,000 af (86% of average), however this will likely increase significantly due to the recent increases in the snowpack conditions.

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.

The next meeting of the Aspinall Unit Working Group will be held on Thursday, January 19th, 2017 at 1:00 pm at the Holiday Inn Express located in Montrose, Colorado.

Navajo Reservoir – As of January 5th, 2017, Navajo reservoir elevation is 6055.96 feet (1.297 maf live storage) and is releasing 350 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.

Modified unregulated inflow into Navajo during the month of November was 26,000 af, which was 97 percent of average.

Inflows for the next three months are projected to be below average: with January, February, and March forecasted inflow volumes at 22,000 af (100 percent of average), 23,000 af (76 percent of average), and 68,000 af (74 percent of average), respectively.

The Most Probable April-July runoff forecast is 580,000 af (79 percent of average). Under this forecast, no spring peak release is expected in 2017.

Releases will be made to maintain target baseflows in the critical habitat reach for the remainder of the year.

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 Meeting is scheduled for January 24th, 2017, at 1:00 pm at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow to Lake Powell in December was 300 thousand acre-feet (kaf) (83% of average). The release volume from Glen Canyon Dam in December was 898 kaf. The end of December elevation and storage of Lake Powell were 3,600 feet (100 feet from full pool) and 11.8 maf (49% 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 166% of average.

Current Operations

The operating tier for water year 2017, established in August 2016, is the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April 2017 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing releases is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2017. This projection will be updated each month throughout the water year.

In January 2017, the release volume will be approximately 880 thousand acre-feet (kaf), with fluctuations anticipated between approximately 10,000 cfs and 18,000 cfs and consistent with the Glen Canyon Dam, Record of Decision (dated December 2016). The anticipated release volume for February is approximately 715 kaf with daily fluctuations between approximately 9,000 cfs and 15,000 cfs. The expected release for March is 728 kaf with daily fluctuations between approximately 9,000 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 mega-watts (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 2017 water supply forecast for unregulated inflow to Lake Powell, issued on January 4, 2017, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 6.5 maf (91 percent of average based on the period 1981-2010). The projected water year 2017 inflow is 9.5 maf (88 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 4.1 maf (57 percent of average) to a maximum probable of 9.8 maf (137 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 January 24-Month Study projects Lake Powell elevation will end water year 2017 near 3,608 feet with approximately 12.5 maf in storage (51 percent of capacity). Note that projections of elevation and storage for water year 2017 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 3,586 feet (10.4 maf, 43 percent of capacity) and 3,640 feet (16.0 maf, 66 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 2017 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 2017. 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 17-year period 2000 to 2016, 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 3 out of the past 17 years. The period 2000-2016 is the lowest 17-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.57 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 2000-2016 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. The water year 2016 unregulated inflow volume to Lake Powell was 9.62 maf (89 percent of average), which, though still below average, was significantly higher than inflows observed in 2012 and 2013 (45 percent and 47 percent of average, respectively). Under the current most probable forecast, the total water year 2017 unregulated inflow to Lake Powell is projected to be 9.51 maf (88 percent of average).

At the beginning of water year 2017, total system storage in the Colorado River Basin was 30.2 maf (50 percent of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water years 2015 and 2016 which began at 30.1 maf and 30.3 maf, respectively, both of which were 50 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 2017 is approximately 29.8 maf (50 percent of total system capacity). The actual end of water year 2017 system storage may vary from this projection, primarily due to uncertainty regarding the season's snowpack and resulting runoff and reservoir inflow. Based on the January minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2017 total system capacity is approximately 27.3 maf (46 percent of capacity) to 33.5 maf (56 percent of capacity), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:			Obs		dec	Forecast		Outlook	
:		sep	oct	nov	dec	%Avg	jan	feb	mar apr-jul %Avg
GLDA3: Lake Powell		281	381	383	300	83%:	320/	340/	550/ 6500/: 91%
GBRW4: Fontenelle		26	57	62	37	116%:	32/	28/	50/ 930/: 128%
GRNU1: Flaming Gorge		36	70	73	35	100%:	43/	45/	100/ 1230/: 126%
BMDC2: Blue Mesa		38	32	26	26	101%:	23/	20/	32/ 575/: 85%
MPSC2: Morrow Point		39	33	28	27	97%:	24/	22/	35/ 625/: 84%
CLSC2: Crystal		42	37	31	31	96%:	27/	26/	41/ 700/: 84%
TPIC2: Taylor Park		6.2	5.5	4.2	4.9	105%:	3.9/	3.1/	3.3/ 81/: 82%
VCRC2: Vallecito		14.0	11.4	6.5	5.7	90%:	5/	4/	7/ 172/: 89%
NVRN5: Navajo		21	27	24	26	104%:	22/	23/	68/ 580/: 79%
LEMC2: Lemon		3.8	2.0	1.07	0.96	87%:	0.8/	0.6/	1.2/ 48/: 87%
MPHC2: McPhee		9.6	3.9	3.4	4.0	90%:	3.5/	3.5/	16/ 285/: 97%
RBSC2: Ridgway		9.3	6.7	4.8	4.5	100%:	4/	3.4/	5.5/ 88/: 87%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 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)
* Jan 2016	32	1	49	10	58	6480.71	170
H Feb 2016	34	0	55	0	55	6476.59	149
I Mar 2016	50	1	58	0	58	6474.73	140
S Apr 2016	91	1	56	0	56	6481.34	174
T May 2016	186	2	86	20	106	6493.63	252
O Jun 2016	293	2	101	143	243	6500.14	299
R Jul 2016	80	3	73	3	76	6500.25	300
I Aug 2016	29	2	65	0	65	6495.03	262
C Sep 2016	26	2	36	21	58	6490.22	229
WY 2016	943	15	739	213	952		
A Oct 2016	57	1	0	57	57	6490.08	228
L Nov 2016	62	1	0	59	59	6490.44	230
* Dec 2016	37	1	0	63	63	6486.33	203
Jan 2017	32	1	73	0	73	6479.20	162
Feb 2017	28	0	57	0	57	6473.17	133
Mar 2017	50	0	63	0	63	6470.12	120
Apr 2017	90	1	92	6	98	6468.01	111
May 2017	200	1	97	57	154	6477.93	156
Jun 2017	400	2	101	185	286	6495.83	268
Jul 2017	240	3	103	60	163	6505.63	343
Aug 2017	90	2	99	5	105	6503.51	326
Sep 2017	55	2	71	0	71	6501.14	308
WY 2017	1341	15	756	492	1248		
Oct 2017	55	1	74	0	74	6498.50	288
Nov 2017	45	1	71	0	71	6494.73	260
Dec 2017	32	1	74	0	74	6488.42	218
Jan 2018	30	1	74	0	74	6481.26	174
Feb 2018	28	1	67	0	67	6473.46	134
Mar 2018	53	0	74	0	74	6468.48	113
Apr 2018	85	1	75	0	75	6470.91	123
May 2018	164	1	99	5	105	6482.51	181
Jun 2018	299	2	103	82	184	6499.28	294
Jul 2018	178	3	101	28	129	6505.19	339
Aug 2018	77	2	100	4	105	6501.32	309
Sep 2018	46	2	71	0	71	6497.67	282
WY 2018	1091	15	982	119	1102		
Oct 2018	49	1	74	0	74	6493.99	255
Nov 2018	42	1	71	0	71	6489.49	225
Dec 2018	32	1	74	0	74	6482.83	183

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 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)
*	Jan 2016	44	71	2	134	0	134	127	6025.07	3163	168
H	Feb 2016	63	84	2	118	0	118	126	6024.11	3127	164
I	Mar 2016	84	93	3	51	0	51	127	6025.13	3165	131
S	Apr 2016	140	105	5	50	0	50	129	6026.43	3213	316
T	May 2016	362	282	8	52	0	52	138	6032.01	3427	701
O	Jun 2016	455	405	11	270	198	469	135	6030.17	3356	965
R	Jul 2016	91	88	13	116	4	120	133	6029.03	3312	220
I	Aug 2016	28	64	13	110	0	110	131	6027.55	3255	133
C	Sep 2016	36	67	11	107	0	107	129	6026.27	3207	128
	WY 2016	1427	1437	80	1406	203	1609				3435
A	Oct 2016	70	70	7	85	0	85	128	6025.69	3186	119
L	Nov 2016	73	70	4	77	0	77	128	6025.41	3175	112
*	Dec 2016	35	61	2	106	0	106	126	6024.19	3130	137
	Jan 2017	43	84	2	111	0	111	125	6023.45	3103	132
	Feb 2017	45	74	2	100	0	100	124	6022.70	3076	121
	Mar 2017	100	113	3	52	0	52	126	6024.23	3132	129
	Apr 2017	140	148	5	48	0	48	130	6026.72	3224	213
	May 2017	300	254	8	139	0	139	134	6029.42	3327	589
	Jun 2017	520	406	11	283	87	370	135	6030.04	3350	860
	Jul 2017	270	193	14	114	0	114	137	6031.65	3413	189
	Aug 2017	107	122	13	114	0	114	137	6031.53	3408	136
	Sep 2017	68	84	11	110	0	110	136	6030.61	3373	124
	WY 2017	1771	1679	81	1339	87	1426				2862
	Oct 2017	68	87	7	114	0	114	134	6029.76	3340	140
	Nov 2017	55	82	3	110	0	110	133	6028.96	3309	139
	Dec 2017	35	77	2	114	0	114	132	6027.98	3272	139
	Jan 2018	40	84	2	114	0	114	130	6027.17	3241	139
	Feb 2018	45	84	2	103	0	103	130	6026.62	3221	131
	Mar 2018	102	124	3	114	0	114	130	6026.80	3227	191
	Apr 2018	134	123	5	110	0	110	130	6027.00	3235	325
	May 2018	245	186	8	169	0	169	131	6027.24	3244	701
	Jun 2018	390	275	10	140	0	140	135	6030.38	3364	560
	Jul 2018	210	162	14	98	0	98	137	6031.60	3411	198
	Aug 2018	89	117	13	98	0	98	137	6031.73	3416	124
	Sep 2018	55	81	11	95	0	95	136	6031.09	3391	114
	WY 2018	1468	1479	81	1378	0	1378				2900
	Oct 2018	59	84	7	98	0	98	136	6030.56	3371	131
	Nov 2018	51	80	4	95	0	95	135	6030.10	3353	127
	Dec 2018	35	77	2	98	0	98	134	6029.52	3330	124

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

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January 2017 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir



Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
* Jan 2016	6	6	9309.87	70
H Feb 2016	4	5	9309.07	68
I Mar 2016	5	6	9308.44	67
S Apr 2016	9	6	9310.70	71
T May 2016	17	11	9314.16	77
O Jun 2016	41	20	9325.34	97
R Jul 2016	11	21	9320.04	87
I Aug 2016	9	16	9315.75	79
C Sep 2016	6	14	9310.77	71
WY 2016	125	125		
A Oct 2016	5	6	9310.23	70
L Nov 2016	4	5	9309.76	70
* Dec 2016	5	5	9309.56	69
Jan 2017	4	5	9308.72	68
Feb 2017	4	5	9308.01	67
Mar 2017	4	5	9307.43	66
Apr 2017	8	6	9308.82	68
May 2017	20	12	9313.73	76
Jun 2017	35	15	9325.12	97
Jul 2017	14	18	9323.01	93
Aug 2017	10	18	9318.17	84
Sep 2017	6	15	9312.93	75
WY 2017	120	116		
Oct 2017	6	9	9311.16	72
Nov 2017	4	6	9310.16	70
Dec 2017	4	6	9308.90	68
Jan 2018	4	6	9307.83	67
Feb 2018	4	6	9306.39	64
Mar 2018	4	6	9305.35	63
Apr 2018	9	6	9307.18	66
May 2018	28	20	9312.41	74
Jun 2018	42	22	9323.53	94
Jul 2018	20	22	9322.55	92
Aug 2018	10	20	9317.21	82
Sep 2018	7	16	9312.12	73
WY 2018	144	145		
Oct 2018	7	8	9311.30	72
Nov 2018	5	6	9310.75	71
Dec 2018	5	6	9309.92	70

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 24-Month Study

Most Probable Inflow* Blue Mesa Reservoir



	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2016	27	27	0	61	0	61	7491.12	590
H	Feb 2016	26	27	0	59	0	58	7487.04	559
I	Mar 2016	41	42	0	36	0	37	7487.62	563
S	Apr 2016	75	72	1	63	0	63	7488.62	571
T	May 2016	161	155	1	134	19	153	7488.74	572
O	Jun 2016	285	265	1	46	0	46	7514.84	788
R	Jul 2016	81	91	2	112	0	112	7512.31	766
I	Aug 2016	57	65	1	110	0	110	7506.94	720
C	Sep 2016	38	46	1	100	0	100	7500.48	665
WY 2016		881	882	9	913	19	934		
A	Oct 2016	32	33	1	90	0	90	7493.44	608
L	Nov 2016	26	27	0	33	0	33	7492.53	601
*	Dec 2016	26	26	0	35	0	35	7491.43	593
	Jan 2017	23	24	0	35	0	35	7490.04	582
	Feb 2017	20	21	0	31	0	31	7488.78	572
	Mar 2017	32	33	0	38	0	38	7488.08	566
	Apr 2017	68	66	1	52	0	52	7489.76	579
	May 2017	166	158	1	204	0	204	7483.54	532
	Jun 2017	245	224	1	87	0	87	7500.80	668
	Jul 2017	96	100	1	102	0	102	7500.42	665
	Aug 2017	50	59	1	108	0	108	7494.23	615
	Sep 2017	38	47	1	75	0	75	7490.62	586
WY 2017		822	819	8	890	0	890		
	Oct 2017	38	41	1	49	0	49	7489.51	578
	Nov 2017	31	33	0	19	0	19	7491.28	591
	Dec 2017	26	28	0	26	0	26	7491.52	593
	Jan 2018	24	26	0	35	0	35	7490.39	584
	Feb 2018	22	25	0	31	0	31	7489.58	578
	Mar 2018	36	38	0	35	0	35	7489.88	580
	Apr 2018	77	74	1	52	0	52	7492.62	602
	May 2018	221	213	1	171	0	171	7497.70	643
	Jun 2018	261	241	1	123	0	123	7511.52	759
	Jul 2018	117	119	2	142	0	142	7508.69	735
	Aug 2018	63	73	1	121	0	121	7502.94	686
	Sep 2018	38	47	1	97	0	97	7496.67	634
WY 2018		955	957	9	900	0	900		
	Oct 2018	38	40	1	62	0	62	7493.87	612
	Nov 2018	31	32	0	31	0	31	7494.02	613
	Dec 2018	26	27	0	50	0	50	7491.06	590

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 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)
*	Jan 2016	27	61	1	62	64	0	64	7150.69	110
H	Feb 2016	27	58	1	60	61	0	61	7148.82	108
I	Mar 2016	43	37	2	39	36	0	36	7152.74	111
S	Apr 2016	83	63	7	71	71	0	71	7152.57	111
T	May 2016	176	153	15	168	176	4	180	7136.53	99
O	Jun 2016	302	46	18	64	52	0	52	7152.31	111
R	Jul 2016	83	112	2	114	113	0	113	7153.43	112
I	Aug 2016	58	110	1	111	111	0	111	7153.88	112
C	Sep 2016	39	100	1	100	103	0	103	7150.03	109
WY 2016		931	934	49	983	972	5	978		
A	Oct 2016	33	90	1	91	93	0	93	7146.55	106
L	Nov 2016	28	33	2	36	32	0	35	7147.39	107
*	Dec 2016	27	35	1	36	34	0	34	7150.44	109
	Jan 2017	24	35	1	36	33	0	33	7153.73	112
	Feb 2017	22	31	2	33	33	0	33	7153.73	112
	Mar 2017	35	38	3	41	41	0	41	7153.73	112
	Apr 2017	77	52	9	61	61	0	61	7153.73	112
	May 2017	184	204	18	222	222	0	222	7153.73	112
	Jun 2017	263	87	18	105	105	0	105	7153.73	112
	Jul 2017	101	102	5	107	107	0	107	7153.73	112
	Aug 2017	52	108	2	110	110	0	110	7153.73	112
	Sep 2017	42	75	4	79	79	0	79	7153.73	112
WY 2017		888	890	66	956	950	0	953		
	Oct 2017	42	49	3	53	53	0	53	7153.73	112
	Nov 2017	34	19	3	21	21	0	21	7153.73	112
	Dec 2017	28	26	2	28	28	0	28	7153.73	112
	Jan 2018	27	35	2	37	37	0	37	7153.73	112
	Feb 2018	25	31	3	33	33	0	33	7153.73	112
	Mar 2018	40	35	4	39	39	0	39	7153.73	112
	Apr 2018	88	52	11	63	63	0	63	7153.73	112
	May 2018	247	171	26	197	197	0	197	7153.73	112
	Jun 2018	281	123	20	143	143	0	143	7153.73	112
	Jul 2018	123	142	6	148	148	0	148	7153.73	112
	Aug 2018	67	121	3	124	124	0	124	7153.73	112
	Sep 2018	41	97	3	100	100	0	100	7153.73	112
WY 2018		1042	900	86	986	986	0	986		
	Oct 2018	41	62	3	64	64	0	64	7153.73	112
	Nov 2018	33	31	2	33	33	0	33	7153.73	112
	Dec 2018	28	50	2	52	52	0	52	7153.73	112

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 24-Month Study

Most Probable Inflow*
Crystal Reservoir



		Unreg Inflow	Morrow Release	Side Inflow	Total Inflow	Power Release	Bypass Release	Total Release	Reservoir Elev End of Month	Live Storage	Tunnel Flow	Below Tunnel Flow
	Date	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)
*	Jan 2016	31	64	4	68	67	0	68	6748.20	16	1	69
H	Feb 2016	30	61	3	64	63	0	63	6752.48	17	0	65
I	Mar 2016	48	36	5	41	41	0	41	6752.32	17	2	41
S	Apr 2016	92	71	9	80	80	0	80	6751.41	16	47	36
T	May 2016	194	180	18	198	109	64	197	6753.13	17	51	154
O	Jun 2016	344	52	41	93	74	20	93	6752.00	17	43	53
R	Jul 2016	89	113	6	119	117	2	119	6750.04	16	64	58
I	Aug 2016	62	111	4	114	114	0	114	6749.30	16	62	53
C	Sep 2016	42	103	3	106	106	1	107	6747.05	15	59	47
WY 2016		1034	978	103	1081	811	243	1080			384	724
A	Oct 2016	37	93	4	97	97	0	97	6747.92	15	57	39
L	Nov 2016	31	35	3	38	37	0	37	6750.47	16	1	36
*	Dec 2016	31	34	4	38	36	1	37	6751.45	17	0	37
	Jan 2017	27	33	3	36	36	0	36	6753.04	17	0	36
	Feb 2017	26	33	4	37	37	0	37	6753.04	17	0	37
	Mar 2017	41	41	6	47	47	0	47	6753.04	17	5	42
	Apr 2017	88	61	11	72	72	0	72	6753.04	17	30	42
	May 2017	212	222	28	250	134	116	250	6753.04	17	55	195
	Jun 2017	290	105	27	132	130	2	132	6753.04	17	60	72
	Jul 2017	110	107	9	116	116	0	116	6753.04	17	65	51
	Aug 2017	58	110	6	116	116	0	116	6753.04	17	65	51
	Sep 2017	46	79	4	83	83	0	83	6753.04	17	55	28
WY 2017		997	953	109	1062	940	120	1060			393	666
	Oct 2017	46	53	5	57	57	0	57	6753.04	17	30	27
	Nov 2017	38	21	4	25	25	0	25	6753.04	17	0	25
	Dec 2017	32	28	5	32	32	0	32	6753.04	17	0	32
	Jan 2018	31	37	5	42	42	0	42	6753.04	17	0	42
	Feb 2018	29	33	4	37	37	0	37	6753.04	17	0	37
	Mar 2018	46	39	6	45	45	0	45	6753.04	17	5	40
	Apr 2018	101	63	12	76	76	0	76	6753.04	17	30	46
	May 2018	281	197	34	231	134	97	231	6753.04	17	55	176
	Jun 2018	315	143	34	177	130	47	177	6753.04	17	60	117
	Jul 2018	138	148	14	163	134	28	163	6753.04	17	65	98
	Aug 2018	75	124	8	132	132	0	132	6753.04	17	65	67
	Sep 2018	47	100	6	106	106	0	106	6753.04	17	55	51
WY 2018		1179	986	138	1124	951	173	1124			365	759
	Oct 2018	47	64	6	70	70	0	70	6753.04	17	30	40
	Nov 2018	38	33	5	38	38	0	38	6753.04	17	0	38
	Dec 2018	32	52	5	57	57	0	57	6753.04	17	0	57

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 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)
*	Jan 2016	6	7	7649.21	85
H	Feb 2016	7	6	7649.77	86
I	Mar 2016	14	6	7652.71	94
S	Apr 2016	25	13	7657.23	105
T	May 2016	60	44	7663.23	121
O	Jun 2016	77	73	7664.30	124
R	Jul 2016	17	38	7656.15	102
I	Aug 2016	15	33	7648.82	84
C	Sep 2016	14	27	7643.21	71
WY 2016		269	270		
A	Oct 2016	11	8	7644.63	74
L	Nov 2016	6	2	7646.51	79
*	Dec 2016	6	2	7647.98	82
	Jan 2017	5	2	7649.21	85
	Feb 2017	4	2	7650.01	87
	Mar 2017	7	2	7651.99	92
	Apr 2017	19	2	7658.61	108
	May 2017	63	60	7659.58	111
	Jun 2017	67	58	7662.59	119
	Jul 2017	23	42	7655.21	100
	Aug 2017	17	38	7646.42	79
	Sep 2017	15	30	7639.68	64
WY 2017		244	248		
	Oct 2017	14	17	7638.14	60
	Nov 2017	8	2	7641.20	67
	Dec 2017	6	2	7643.22	71
	Jan 2018	5	2	7644.77	75
	Feb 2018	5	2	7646.08	78
	Mar 2018	9	2	7648.88	84
	Apr 2018	23	2	7657.46	106
	May 2018	71	53	7664.40	124
	Jun 2018	70	70	7664.37	124
	Jul 2018	29	42	7659.42	111
	Aug 2018	20	38	7652.11	92
	Sep 2018	17	30	7646.88	80
WY 2018		279	259		
	Oct 2018	16	17	7646.12	78
	Nov 2018	9	2	7649.05	85
	Dec 2018	6	2	7650.90	89

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 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)
* Jan 2016	22	0	23	1	0	22	6063.77	1396	34
H Feb 2016	42	2	39	1	1	28	6064.39	1405	43
I Mar 2016	81	7	67	2	4	25	6067.08	1441	53
S Apr 2016	119	13	94	3	19	22	6070.75	1491	53
T May 2016	209	26	165	4	12	91	6074.87	1549	175
O Jun 2016	214	35	174	5	25	250	6067.29	1443	376
R Jul 2016	24	4	40	5	37	79	6061.29	1364	97
I Aug 2016	30	4	45	4	33	35	6059.16	1337	55
C Sep 2016	21	1	33	3	27	30	6056.98	1310	41
WY 2016	864	94	769	29	169	653			1056
A Oct 2016	27	0	24	2	5	27	6056.19	1300	47
L Nov 2016	24	0	19	1	0	22	6055.87	1296	44
* Dec 2016	26	0	22	1	0	21	6055.92	1297	41
Jan 2017	22	0	19	1	0	23	6055.51	1292	35
Feb 2017	23	0	21	1	0	21	6055.44	1291	31
Mar 2017	68	1	62	2	5	23	6058.01	1323	40
Apr 2017	123	11	95	2	20	22	6061.95	1373	70
May 2017	230	33	194	4	34	23	6071.82	1506	167
Jun 2017	190	26	156	5	50	22	6077.28	1584	164
Jul 2017	37	4	51	5	55	30	6074.59	1545	86
Aug 2017	36	1	56	4	46	38	6072.31	1513	71
Sep 2017	34	1	48	3	26	32	6071.42	1500	59
WY 2017	840	77	767	29	243	305			856
Oct 2017	40	1	42	2	9	24	6071.89	1507	49
Nov 2017	31	1	24	1	0	22	6071.94	1508	39
Dec 2017	25	0	21	1	0	23	6071.71	1504	38
Jan 2018	22	0	18	1	0	23	6071.32	1499	37
Feb 2018	30	0	27	1	0	21	6071.70	1504	33
Mar 2018	92	2	84	2	5	23	6075.46	1558	45
Apr 2018	170	15	134	3	21	22	6081.40	1646	75
May 2018	277	41	218	4	35	215	6078.96	1609	361
Jun 2018	224	33	190	5	51	296	6067.57	1447	448
Jul 2018	66	7	72	5	56	82	6062.26	1377	149
Aug 2018	45	1	62	4	47	33	6060.50	1354	72
Sep 2018	43	1	55	3	26	26	6060.49	1354	58
WY 2018	1066	102	945	30	251	811			1405
Oct 2018	47	2	47	2	10	24	6061.38	1365	52
Nov 2018	34	1	26	1	0	22	6061.57	1368	40
Dec 2018	25	0	21	1	0	23	6061.32	1365	38

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 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)
*	Jan 2016	300	433	8	857	0	857	3596.58	4968	11427	865
H	Feb 2016	396	490	8	700	0	700	3594.41	4952	11224	704
I	Mar 2016	553	486	14	694	0	694	3592.18	4935	11019	707
S	Apr 2016	814	681	22	665	0	665	3592.12	4935	11014	681
T	May 2016	2294	1925	26	700	0	700	3603.87	5024	12123	709
O	Jun 2016	2907	2618	46	800	0	800	3620.01	5155	13764	807
R	Jul 2016	595	804	58	950	0	950	3618.22	5140	13576	963
I	Aug 2016	253	432	56	900	0	900	3613.55	5101	13091	914
C	Sep 2016	281	461	50	699	0	699	3610.93	5080	12824	712
	WY 2016	9616	9909	378	9000	0	9000				9117
A	Oct 2016	381	477	35	601	0	601	3609.48	5068	12678	610
L	Nov 2016	383	389	33	624	126	750	3605.81	5039	12313	754
*	Dec 2016	300	366	26	898	0	898	3600.49	4997	11797	913
	Jan 2017	320	398	8	880	0	880	3595.69	4961	11344	887
	Feb 2017	340	404	8	730	0	730	3592.34	4936	11034	734
	Mar 2017	550	470	13	696	0	696	3589.90	4919	10812	701
	Apr 2017	900	722	21	637	0	637	3590.56	4923	10871	646
	May 2017	2000	1738	26	638	0	638	3601.20	5003	11865	646
	Jun 2017	2700	2301	44	750	0	750	3615.20	5115	13260	757
	Jul 2017	900	802	56	850	0	850	3614.27	5107	13165	866
	Aug 2017	400	514	55	900	0	900	3610.26	5074	12757	915
	Sep 2017	340	443	49	670	0	670	3607.70	5054	12501	683
	WY 2017	9514	9024	373	8874	126	9000				9113
	Oct 2017	455	506	34	640	0	640	3606.14	5041	12345	649
	Nov 2017	447	481	32	640	0	640	3604.33	5027	12168	644
	Dec 2017	363	439	25	720	0	720	3601.41	5004	11885	723
	Jan 2018	361	446	8	860	0	860	3597.30	4973	11494	867
	Feb 2018	393	450	8	760	0	760	3594.14	4950	11200	764
	Mar 2018	665	613	14	800	0	800	3592.13	4935	11014	805
	Apr 2018	1056	895	22	710	0	710	3593.77	4947	11165	719
	May 2018	2343	2230	27	710	0	710	3608.18	5058	12548	718
	Jun 2018	2666	2435	47	750	0	750	3622.83	5179	14065	757
	Jul 2018	1091	1082	59	840	0	840	3624.40	5192	14235	856
	Aug 2018	500	604	59	900	0	900	3621.35	5166	13906	915
	Sep 2018	408	517	53	670	0	670	3619.55	5151	13715	683
	WY 2018	10747	10700	387	9000	0	9000				9102
	Oct 2018	512	563	37	640	0	640	3618.55	5143	13611	649
	Nov 2018	473	506	35	640	0	640	3617.06	5130	13454	644
	Dec 2018	363	449	28	720	0	720	3614.39	5108	13177	723

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead



	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jan 2016	857	89	30	662	10.8	8	661	671	1083.68	10318
H	Feb 2016	700	81	28	699	12.2	10	698	673	1084.17	10360
I	Mar 2016	694	31	31	1008	16.4	18	1007	653	1080.45	10048
S	Apr 2016	665	68	38	1055	17.7	18	1055	630	1076.13	9693
T	May 2016	700	50	43	887	14.4	22	885	618	1073.80	9504
O	Jun 2016	800	14	51	920	15.5	28	919	606	1071.64	9330
R	Jul 2016	950	70	64	831	13.5	30	830	612	1072.75	9419
I	Aug 2016	900	107	69	701	11.4	28	700	625	1075.17	9615
C	Sep 2016	699	88	57	702	11.8	22	701	625	1075.23	9620
WY 2016		9000	798	531	9293		224	9282			
A	Oct 2016	601	78	42	518	8.4	23	517	631	1076.34	9710
L	Nov 2016	750	77	42	751	12.6	16	750	632	1076.55	9727
*	Dec 2016	898	63	36	542	8.8	8	536	655	1080.82	10079
	Jan 2017	880	62	30	523	8.5	5	523	679	1085.12	10439
	Feb 2017	730	73	28	613	11.0	6	613	688	1086.84	10586
	Mar 2017	696	55	31	1039	16.9	14	1039	668	1083.14	10273
	Apr 2017	637	53	38	1068	17.9	21	1068	641	1078.21	9863
	May 2017	638	37	43	936	15.2	26	936	621	1074.40	9553
	Jun 2017	750	21	52	857	14.4	27	857	611	1072.49	9398
	Jul 2017	850	78	64	808	13.1	30	808	612	1072.79	9422
	Aug 2017	900	124	69	744	12.1	28	744	624	1074.92	9595
	Sep 2017	670	112	57	720	12.1	25	720	623	1074.70	9577
WY 2017		9000	834	532	9118		230	9110			
	Oct 2017	640	69	41	532	8.7	20	532	630	1076.03	9685
	Nov 2017	640	56	41	775	13.0	12	775	621	1074.50	9560
	Dec 2017	720	54	36	746	12.1	8	746	620	1074.31	9545
	Jan 2018	860	62	29	683	11.1	15	683	632	1076.56	9728
	Feb 2018	760	73	27	679	12.2	18	679	639	1077.82	9831
	Mar 2018	800	55	30	1008	16.4	23	1008	626	1075.45	9637
	Apr 2018	710	53	37	1051	17.7	26	1051	605	1071.36	9308
	May 2018	710	37	42	905	14.7	32	905	591	1068.62	9090
	Jun 2018	750	21	50	884	14.9	32	884	579	1066.29	8907
	Jul 2018	840	78	63	797	13.0	32	797	581	1066.60	8932
	Aug 2018	900	124	67	744	12.1	29	744	592	1068.81	9105
	Sep 2018	670	112	55	695	11.7	26	695	592	1068.87	9110
WY 2018		9000	795	519	9500		273	9500			
	Oct 2018	640	69	41	456	7.4	26	456	604	1071.07	9285
	Nov 2018	640	56	41	590	9.9	17	590	606	1071.63	9329
	Dec 2018	720	54	35	543	8.8	15	543	618	1073.75	9500

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 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)
*	Jan 2016	662	-32	10	553	0	553	9.0	641.26	1651
H	Feb 2016	699	-20	10	675	0	675	11.7	641.03	1645
I	Mar 2016	1008	-16	13	921	0	921	15.0	643.17	1703
S	Apr 2016	1055	-18	17	979	0	979	16.4	644.70	1746
T	May 2016	887	-6	22	903	0	903	14.7	643.07	1701
O	Jun 2016	920	-16	26	838	0	838	14.1	644.53	1741
R	Jul 2016	831	-24	26	803	0	803	13.1	643.75	1719
I	Aug 2016	701	-12	23	714	0	714	11.6	642.00	1671
C	Sep 2016	702	-18	18	711	0	711	11.9	640.34	1627
	WY 2016	9293	-195	198	8879	0	8879			
A	Oct 2016	518	-7	15	640	0	640	10.4	634.86	1482
L	Nov 2016	751	-29	11	574	0	574	9.6	640.09	1620
*	Dec 2016	542	-17	9	482	0	482	7.8	641.31	1653
	Jan 2017	523	-14	10	494	0	494	8.0	641.50	1658
	Feb 2017	613	-14	10	576	0	576	10.4	642.00	1671
	Mar 2017	1039	-16	13	981	0	981	16.0	643.05	1700
	Apr 2017	1068	-19	17	1033	0	1033	17.4	643.00	1699
	May 2017	936	-13	22	900	0	900	14.6	643.00	1699
	Jun 2017	857	-16	25	843	0	843	14.2	642.00	1671
	Jul 2017	808	-13	25	783	0	783	12.7	641.50	1658
	Aug 2017	744	-11	23	710	0	710	11.5	641.50	1658
	Sep 2017	720	-9	18	733	0	733	12.3	640.01	1617
	WY 2017	9118	-179	197	8751	0	8751			
	Oct 2017	532	-1	15	700	0	700	11.4	633.00	1434
	Nov 2017	775	-8	10	706	0	706	11.9	635.00	1486
	Dec 2017	746	-12	9	628	0	628	10.2	638.71	1583
	Jan 2018	683	-14	10	576	0	576	9.4	641.80	1666
	Feb 2018	679	-14	10	655	0	655	11.8	641.80	1666
	Mar 2018	1008	-16	13	945	0	945	15.4	643.05	1700
	Apr 2018	1051	-19	17	1016	0	1016	17.1	643.00	1699
	May 2018	905	-13	22	869	0	869	14.1	643.00	1699
	Jun 2018	884	-16	25	870	0	870	14.6	642.00	1671
	Jul 2018	797	-13	25	772	0	772	12.6	641.50	1658
	Aug 2018	744	-11	23	710	0	710	11.5	641.50	1658
	Sep 2018	695	-9	18	709	0	709	11.9	640.01	1617
	WY 2018	9500	-146	197	9156	0	9156			
	Oct 2018	456	-1	15	623	0	623	10.1	633.00	1434
	Nov 2018	590	-8	10	521	0	521	8.8	635.00	1486
	Dec 2018	543	-12	9	425	0	425	6.9	638.71	1583

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu



	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Jan 2016	553	26	6	324	5.3	97	156	446.60	554	154	2.5
H	Feb 2016	675	9	8	543	9.4	13	117	446.50	552	180	3.1
I	Mar 2016	921	18	9	695	11.3	89	123	447.40	569	221	3.6
S	Apr 2016	979	18	11	689	11.6	93	169	448.89	597	202	3.4
T	May 2016	903	13	13	636	10.3	97	176	448.08	581	97	1.6
O	Jun 2016	838	18	15	633	10.6	95	89	448.81	596	92	1.5
R	Jul 2016	803	20	17	617	10.0	100	74	449.03	600	102	1.7
I	Aug 2016	714	22	17	570	9.3	85	65	448.50	590	99	1.6
C	Sep 2016	711	14	15	490	8.2	89	134	447.97	579	92	1.5
	WY 2016	8879	225	140	6360		1057	1467			1496	
A	Oct 2016	640	36	12	466	7.6	80	133	446.90	559	61	1.0
L	Nov 2016	574	21	9	374	6.3	78	140	446.33	549	97	1.6
*	Dec 2016	482	27	7	271	4.4	86	118	447.64	573	112	1.8
	Jan 2017	494	13	6	282	4.6	89	137	447.00	561	121	2.0
	Feb 2017	576	12	8	473	8.5	32	67	447.00	561	160	2.9
	Mar 2017	981	4	9	718	11.7	75	181	446.70	555	198	3.2
	Apr 2017	1033	19	11	744	12.5	73	175	448.70	593	175	2.9
	May 2017	900	16	13	635	10.3	75	181	448.70	593	104	1.7
	Jun 2017	843	14	16	672	11.3	73	84	448.70	593	105	1.8
	Jul 2017	783	29	17	648	10.5	75	72	448.00	580	111	1.8
	Aug 2017	710	26	17	571	9.3	75	71	447.50	571	100	1.6
	Sep 2017	733	23	15	522	8.8	73	138	447.50	570	89	1.5
	WY 2017	8751	240	139	6377		883	1500			1433	
	Oct 2017	700	27	12	500	8.1	75	132	447.50	571	74	1.2
	Nov 2017	706	22	9	451	7.6	97	165	447.50	571	124	2.1
	Dec 2017	628	19	7	385	6.3	100	170	446.50	552	140	2.3
	Jan 2018	576	13	6	380	6.2	92	107	446.50	552	150	2.4
	Feb 2018	655	12	8	491	8.8	60	101	446.50	552	175	3.1
	Mar 2018	945	4	9	723	11.8	79	126	446.70	555	199	3.2
	Apr 2018	1016	19	11	759	12.8	90	126	448.70	593	185	3.1
	May 2018	869	16	13	629	10.2	92	139	448.70	593	93	1.5
	Jun 2018	870	14	16	665	11.2	90	101	448.70	593	94	1.6
	Jul 2018	772	29	17	629	10.2	92	63	448.00	580	95	1.5
	Aug 2018	710	26	17	569	9.2	92	57	447.50	571	96	1.6
	Sep 2018	709	23	15	505	8.5	90	114	447.50	570	86	1.5
	WY 2018	9156	224	139	6685		1050	1401			1511	
	Oct 2018	623	27	12	479	7.8	38	114	447.50	571	66	1.1
	Nov 2018	521	22	9	377	6.3	38	114	447.50	571	99	1.7
	Dec 2018	425	19	7	312	5.1	38	101	446.50	552	111	1.8

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 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
* Jan 2016	662	10.8	1083.68	10318	232	438.04	775.0	258.5	49	390.7
H Feb 2016	699	12.2	1084.17	10360	41	437.39	880.0	277.0	55	396.1
I Mar 2016	1008	16.4	1080.45	10048	-311	434.20	973.0	402.7	61	399.7
S Apr 2016	1055	17.7	1076.13	9693	-355	429.37	1244.0	413.9	80	392.2
T May 2016	887	14.4	1073.80	9504	-189	426.83	1164.0	343.6	74	387.5
O Jun 2016	920	15.5	1071.64	9330	-174	425.27	1528.0	349.7	100	380.2
R Jul 2016	831	13.5	1072.75	9419	89	427.46	1528.0	311.5	100	374.8
I Aug 2016	701	11.4	1075.17	9615	196	431.00	1549.0	265.2	100	378.4
C Sep 2016	702	11.8	1075.23	9620	5	429.97	1539.0	266.3	100	379.1
WY 2016	9293							3596.9		
A Oct 2016	518	8.4	1076.34	9710	90	438.10	1158.0	195.2	87	377.1
L Nov 2016	751	12.6	1076.55	9727	17	427.42	860.8	290.6	80	386.7
* Dec 2016	542	8.8	1080.82	10079	352	438.26	778.9	207.3	71	382.2
Jan 2017	523	8.5	1085.12	10439	360	435.40	857.0	203.1	54	388.5
Feb 2017	613	11.0	1086.84	10586	147	436.38	1137.0	240.6	71	392.6
Mar 2017	1039	16.9	1083.14	10273	-313	434.61	1157.0	413.5	74	398.0
Apr 2017	1068	17.9	1078.21	9863	-410	429.23	1241.9	420.5	81	393.8
May 2017	936	15.2	1074.40	9553	-310	425.00	1209.0	363.0	80	387.8
Jun 2017	857	14.4	1072.49	9398	-154	420.36	1505.0	330.2	100	385.3
Jul 2017	808	13.1	1072.79	9422	24	420.04	1514.0	308.5	100	381.7
Aug 2017	744	12.1	1074.92	9595	173	421.41	1526.0	282.4	100	379.6
Sep 2017	720	12.1	1074.70	9577	-18	422.85	1526.0	274.1	100	380.9
WY 2017	9118							3528.9		
Oct 2017	532	8.7	1076.03	9685	108	428.25	1138.0	202.0	74	379.5
Nov 2017	775	13.0	1074.50	9560	-124	430.55	1119.0	306.2	73	394.9
Dec 2017	746	12.1	1074.31	9545	-15	428.31	1059.0	291.7	69	390.8
Jan 2018	683	11.1	1076.56	9728	183	427.78	969.0	264.9	63	387.8
Feb 2018	679	12.2	1077.82	9831	103	428.52	968.0	266.7	63	393.0
Mar 2018	1008	16.4	1075.45	9637	-194	426.82	1058.0	394.0	69	390.9
Apr 2018	1051	17.7	1071.36	9308	-329	423.24	1033.1	411.5	69	391.7
May 2018	905	14.7	1068.62	9090	-218	419.28	1100.0	345.8	75	382.2
Jun 2018	884	14.9	1066.29	8907	-183	414.42	1489.2	329.8	100	373.1
Jul 2018	797	13.0	1066.60	8932	24	413.91	1490.9	299.3	100	375.5
Aug 2018	744	12.1	1068.81	9105	173	415.32	1503.4	278.4	100	374.2
Sep 2018	695	11.7	1068.87	9110	5	416.92	1503.7	260.3	100	374.2
WY 2018	9500							3650.7		
Oct 2018	456	7.4	1071.07	9285	175	422.89	1126.9	173.7	74	381.0
Nov 2018	590	9.9	1071.63	9329	45	426.66	1113.3	227.1	73	384.8
Dec 2018	543	8.8	1073.75	9500	171	426.61	1053.7	206.3	69	380.1

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 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
* Jan 2016	553	9.0	641.26	1651	67	141.86	163.2	71.9	64	129.9
H Feb 2016	675	11.7	641.03	1645	-6	139.82	178.5	86.3	70	127.8
I Mar 2016	921	15.0	643.17	1703	58	139.07	214.2	117.9	84	128.0
S Apr 2016	979	16.4	644.70	1746	42	143.66	255.0	125.4	100	128.2
T May 2016	903	14.7	643.07	1701	-45	141.63	252.5	115.5	99	127.8
O Jun 2016	838	14.1	644.53	1741	40	143.17	255.0	107.4	100	128.1
R Jul 2016	803	13.1	643.75	1719	-22	144.39	252.5	103.3	99	128.6
I Aug 2016	714	11.6	642.00	1671	-48	142.46	255.0	91.6	100	128.4
C Sep 2016	711	11.9	640.34	1627	-45	138.91	255.0	90.5	100	127.3
WY 2016	8879							1129.0		
A Oct 2016	640	10.4	634.86	1482	-144	135.70	201.5	79.3	79	123.8
L Nov 2016	574	9.6	640.09	1620	138	140.91	170.9	71.1	67	123.8
* Dec 2016	482	7.8	641.31	1653	33	138.48	168.3	59.8	66	123.9
Jan 2017	494	8.0	641.50	1658	5	137.08	164.5	62.4	65	126.3
Feb 2017	576	10.4	642.00	1671	13	136.67	187.6	72.4	74	125.7
Mar 2017	981	16.0	643.05	1700	29	136.39	223.7	122.2	88	124.6
Apr 2017	1033	17.4	643.00	1699	-2	136.07	255.0	128.7	100	124.6
May 2017	900	14.6	643.00	1699	0	136.04	255.0	112.9	100	125.4
Jun 2017	843	14.2	642.00	1671	-27	135.51	255.0	105.4	100	125.1
Jul 2017	783	12.7	641.50	1658	-14	134.73	255.0	97.8	100	124.9
Aug 2017	710	11.5	641.50	1658	0	134.46	255.0	88.8	100	125.1
Sep 2017	733	12.3	640.01	1617	-40	133.68	255.0	91.0	100	124.1
WY 2017	8751							1091.8		
Oct 2017	700	11.4	633.00	1434	-183	130.74	202.3	84.4	79	120.6
Nov 2017	706	11.9	635.00	1486	51	129.19	170.0	83.5	67	118.2
Dec 2017	628	10.2	638.71	1583	97	132.25	167.8	76.2	66	121.4
Jan 2018	576	9.4	641.80	1666	83	134.43	210.6	71.9	83	124.7
Feb 2018	655	11.8	641.80	1666	0	136.73	187.6	82.1	74	125.3
Mar 2018	945	15.4	643.05	1700	34	137.26	190.8	117.8	75	124.6
Apr 2018	1016	17.1	643.00	1699	-2	136.07	255.0	126.7	100	124.7
May 2018	869	14.1	643.00	1699	0	136.04	255.0	109.1	100	125.5
Jun 2018	870	14.6	642.00	1671	-27	135.51	255.0	108.6	100	124.9
Jul 2018	772	12.6	641.50	1658	-14	134.73	255.0	96.5	100	124.9
Aug 2018	710	11.5	641.50	1658	0	134.46	255.0	88.8	100	125.1
Sep 2018	709	11.9	640.01	1617	-40	133.68	255.0	88.1	100	124.3
WY 2018	9156							1133.7		
Oct 2018	623	10.1	633.00	1434	-183	130.46	211.7	75.4	83	121.1
Nov 2018	521	8.8	635.00	1486	51	128.56	188.7	62.2	74	119.4
Dec 2018	425	6.9	638.71	1583	97	131.55	188.7	52.1	74	122.7

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 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
* Jan 2016	324	5.3	446.60	554	-6	80.76	94.8	22.3	79	68.8
H Feb 2016	528	9.4	446.50	552	-2	78.54	87.6	38.1	73	72.2
I Mar 2016	695	11.3	447.40	569	17	81.63	104.4	48.9	87	70.3
S Apr 2016	689	11.6	448.89	597	28	83.09	120.0	48.4	100	70.3
T May 2016	636	10.3	448.08	581	-15	82.13	120.0	45.1	100	70.9
O Jun 2016	633	10.6	448.81	596	14	83.02	120.0	44.8	100	70.8
R Jul 2016	617	10.0	449.03	600	4	83.16	120.0	43.7	100	70.9
I Aug 2016	570	9.3	448.50	590	-10	82.60	120.0	40.2	100	70.7
C Sep 2016	490	8.2	447.97	579	-10	82.24	120.0	34.7	100	70.9
WY 2016	6345							447.6		
A Oct 2016	466	7.6	446.90	559	-20	78.88	93.6	32.8	78	70.5
L Nov 2016	374	6.3	446.33	549	-11	80.55	90.0	26.0	75	69.6
* Dec 2016	271	4.4	447.64	573	24	83.20	117.6	17.5	98	64.5
Jan 2017	282	4.6	447.00	561	-12	75.92	93.9	17.9	78	63.6
Feb 2017	473	8.5	447.00	561	0	75.21	101.8	30.9	85	65.4
Mar 2017	718	11.7	446.70	555	-6	74.26	120.0	46.8	100	65.2
Apr 2017	744	12.5	448.70	593	38	75.08	120.0	49.1	100	65.9
May 2017	635	10.3	448.70	593	0	76.05	120.0	42.1	100	66.3
Jun 2017	672	11.3	448.70	593	0	76.05	120.0	44.6	100	66.5
Jul 2017	648	10.5	448.00	580	-13	75.71	120.0	42.8	100	66.1
Aug 2017	571	9.3	447.50	571	-9	75.13	120.0	37.3	100	65.3
Sep 2017	522	8.8	447.50	570	0	75.69	102.0	34.3	85	65.8
WY 2017	6377							422.2		
Oct 2017	500	8.1	447.50	571	0	74.97	118.1	32.4	98	64.9
Nov 2017	451	7.6	447.50	571	0	75.93	97.0	29.6	81	65.6
Dec 2017	385	6.3	446.50	552	-19	74.40	120.0	24.5	100	63.7
Jan 2018	380	6.2	446.50	552	0	74.88	98.7	24.4	82	64.2
Feb 2018	491	8.8	446.50	552	0	75.04	95.4	32.1	79	65.4
Mar 2018	723	11.8	446.70	555	4	74.01	120.0	47.0	100	65.0
Apr 2018	759	12.8	448.70	593	38	75.08	120.0	50.1	100	65.9
May 2018	629	10.2	448.70	593	0	76.05	120.0	41.7	100	66.2
Jun 2018	665	11.2	448.70	593	0	76.05	120.0	44.2	100	66.4
Jul 2018	629	10.2	448.00	580	-13	75.71	120.0	41.5	100	66.0
Aug 2018	569	9.2	447.50	571	-9	75.13	120.0	37.1	100	65.3
Sep 2018	505	8.5	447.50	570	0	74.89	120.0	32.8	100	65.0
WY 2018	6685							437.4		
Oct 2018	479	7.8	447.50	571	0	75.86	98.4	31.4	82	65.6
Nov 2018	377	6.3	447.50	571	0	75.80	99.6	24.5	83	64.9
Dec 2018	312	5.1	446.50	552	-19	74.40	120.0	19.7	100	63.0

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 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
* Jan 2016	373	52	17	22	13	3
H Feb 2016	302	45	16	21	12	4
I Mar 2016	298	20	10	11	7	4
Winter 2016	1871	274	100	118	38	23
S Apr 2016	288	19	18	25	16	4
T May 2016	305	20	38	61	21	7
O Jun 2016	360	105	14	18	15	9
R Jul 2016	435	46	34	40	22	6
I Aug 2016	408	44	33	39	22	6
C Sep 2016	315	42	30	36	20	3
Summer 2016	2111	276	166	218	116	34
A Oct 2016	269	33	26	33	19	0
L Nov 2016	277	30	9	11	6	0
* Dec 2016	395	41	10	11	6	0
Jan 2017	345	40	10	12	6	6
Feb 2017	284	36	9	12	6	4
Mar 2017	269	19	11	15	8	4
Winter 2017	1839	201	76	94	51	14
Apr 2017	245	17	15	22	12	6
May 2017	249	51	60	80	23	7
Jun 2017	300	104	26	38	22	8
Jul 2017	345	42	31	38	20	10
Aug 2017	363	42	32	40	20	10
Sep 2017	269	40	22	28	14	7
Summer 2017	1772	296	186	246	112	46
Oct 2017	256	42	15	19	10	7
Nov 2017	255	40	6	8	4	6
Dec 2017	285	42	8	10	6	6
Jan 2018	338	42	10	13	7	6
Feb 2018	296	38	9	12	6	5
Mar 2018	310	42	10	14	8	5
Winter 2018	1740	244	57	76	41	35
Apr 2018	275	40	15	23	13	5
May 2018	280	62	51	71	23	7
Jun 2018	305	51	38	52	22	9
Jul 2018	348	36	44	53	23	10
Aug 2018	372	36	37	45	23	10
Sep 2018	275	35	29	36	18	7
Summer 2018	1855	261	215	280	123	46
Oct 2018	262	36	18	23	12	7
Nov 2018	262	35	9	12	6	6
Dec 2018	293	36	15	19	10	6

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions



Date	Flaming Gorge	Blue Mesa	Navajo	Lake Powell	Upper Basin Total	Lake Mead	Total	Flaming Gorge	Blue Mesa	Navajo	Tot or Max Allow	Lake Powell	Lake Mead	Total	BOM Space Required	Mead Sched Rel	Mead FC Rel	Sys Cont	
	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	MAF	
**** PREDICTED SPACE ****								**** EFFECTIVE SPACE ****											
Jan 2017	759	237	399	12525	13921	17298	31219	759	237	399	1396	12525	17298	31219	5350	523	0	29.3	
Jan 2017	759	237	399	12525	13921	17298	31219	484	101	399	984	12525	17298	30807	5350	523	0	29.3	
Feb 2017	828	248	404	12978	14459	16938	31396	552	113	404	1069	12978	16938	30985	1500	613	0	29.1	
Mar 2017	885	258	405	13288	14835	16791	31626	607	124	405	1136	13288	16791	31215	1500	1039	0	28.7	
Apr 2017	842	263	373	13510	14989	17104	32093	559	129	373	1062	13510	17104	31676	1500	1068	0	28.5	
May 2017	759	250	323	13451	14783	17514	32297	467	114	323	903	13451	17514	31868	1500	936	0	29.4	
Jun 2017	611	297	190	12457	13555	17824	31380	306	152	154	612	12457	17824	30893	1500	857	0	31.0	
Jul 2017	475	162	112	11062	11810	17979	29789	156	-6	21	171	11062	17979	29212	1500	808	0	31.0	
**** PREDICTED SPACE ****								**** EFFECTIVE SPACE ****											
Aug 2017	338	165	151	11157	11811	17955	29766	338	165	151	653	11157	17955	29766	1500	744	0	30.7	
Sep 2017	360	215	183	11565	12323	17782	30105	360	215	183	758	11565	17782	30105	2270	720	0	30.2	
Oct 2017	414	243	196	11821	12674	17800	30474	414	243	196	853	11821	17800	30474	3040	532	0	29.9	
Nov 2017	467	252	189	11977	12884	17692	30576	467	252	189	908	11977	17692	30576	3810	775	0	29.7	
Dec 2017	525	238	188	12154	13105	17817	30922	525	238	188	951	12154	17817	30922	4580	746	0	29.3	
Jan 2018	604	236	192	12437	13470	17832	31301	604	236	192	1032	12437	17832	31301	5350	683	0	29.1	
**** PREDICTED SPACE ****								**** EFFECTIVE SPACE ****											
Jan 2018	604	236	192	12437	13470	17832	31301	319	170	60	549	12437	17832	30818	5350	683	0	29.1	
Feb 2018	679	245	197	12828	13949	17649	31598	392	181	65	638	12828	17649	31114	1500	679	0	28.9	
Mar 2018	739	251	192	13122	14304	17546	31850	450	189	59	698	13122	17546	31366	1500	1008	0	28.6	
Apr 2018	754	249	138	13308	14449	17740	32189	462	188	-2	647	13308	17740	31695	1500	1051	0	28.6	
May 2018	736	228	50	13157	14171	18069	32240	438	163	-113	488	13157	18069	31713	1500	905	0	29.8	
Jun 2018	669	187	87	11774	12717	18287	31004	362	113	-116	358	11774	18287	30419	1500	884	0	31.3	
Jul 2018	437	70	249	10257	11013	18470	29483	112	-25	-10	77	10257	18470	28804	1500	797	0	31.5	
**** PREDICTED SPACE ****								**** EFFECTIVE SPACE ****											
Aug 2018	343	95	319	10087	10845	18445	29290	343	95	319	758	10087	18445	29290	1500	744	0	31.2	
Sep 2018	369	144	342	10416	11270	18272	29542	369	144	342	854	10416	18272	29542	2270	695	0	30.9	
Oct 2018	421	195	342	10607	11565	18267	29832	421	195	342	958	10607	18267	29832	3040	456	0	30.7	
Nov 2018	468	218	331	10711	11728	18092	29820	468	218	331	1016	10711	18092	29820	3810	590	0	30.6	
Dec 2018	516	217	328	10868	11928	18048	29976	516	217	328	1060	10868	18048	29976	4580	543	0	30.5	

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