

January 24-Month Study
Date: January 15, 2016

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 14, Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	36,000	113	6483.31	185,000
Flaming Gorge	38,000	109	6025.89	3,193,000
Blue Mesa	27,000	105	7493.33	607,000
Navajo	22,000	88	6063.78	1,397,000
Powell	294,000	81	3598.75	11,631,000

Expected Operations

The operation of Lake Powell and Lake Mead in this January 2015 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 2015 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2014 24-Month Study projections of the January 1, 2015, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2015.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2015 is the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf, and the potential for an April adjustment to equalization or balancing releases for the remainder of the water year. If the April 2015 24-Month Study projects Lake Powell's September 30, 2015, elevation to be greater than 3,649 feet, the Equalization Tier would govern Lake Powell's operations for the remainder of water year 2015. Based on analysis of a range of forecasted inflow scenarios, the current probability of realizing an inflow volume that would trigger equalization in 2015 is approximately 5 percent. If the April 2015 24-Month Study projects Lake Powell's September 30, 2015, elevation to be equal to or greater than 3,575 feet and equal to or less than than 3,649 feet, and Lake Mead's elevation to be less than 1,075 feet, Lake Powell's annual release volume would be increased to balance the contents of Lake Mead and Lake Powell up to 9.0 maf. Based on analysis of a range of forecasted inflow scenarios, the current probability of realizing an inflow volume that would trigger balancing releases of up to

9.0 maf in 2015 is approximately 90 percent. This January 2015 24-Month Study projects that, consistent with Section 6.B.4 of the Interim Guidelines, an April 2015 adjustment to balancing releases is likely to occur and Lake Powell is currently projected to release 9.0 maf in water year 2015.

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 2015.

The Interim Guidelines are available for download at:

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

The 2015 AOP is available for download at:

<http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP15.pdf>.

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6483 feet, which amounts to 54 percent of live storage capacity. Inflows for the month of December totaled 36,000 AF, or 113 percent of average. Recent daily inflow averages have ranged from 460 cfs to 660 cfs.

The Colorado Basin River Forecast Center has forecasted winter inflows that are slightly below average. January, February, and March forecasted inflow volumes amount to 29,000 AF (96% of average), 26,000 AF (94% of average), and 43,000 AF (82% of average) respectively. It is anticipated that releases will be maintained at a baseflow of 950 cfs until Spring 2016.

The next Fontenelle Working Group meeting is scheduled for 10:00 am, April 20, 2016. The meeting will be held at the Seedskafee Wildlife Refuge in Green River, 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 – Flaming Gorge Dam is currently releasing an average daily base flow of 2,200 cfs. It is anticipated that releases will remain at 2,200 cfs through February 29, 2016. Base flow releases are subject to observed hydrology and all projections may change.

Unregulated inflow into Flaming Gorge Reservoir during the month of December was 38,000 acre-feet (AF), or 110 percent of average. The reservoir elevation is 6,026 feet and decreasing. Observed inflows are averaging 1,100 cubic feet per second (cfs).

Inflows for the next three months are projected to be at or below average: with January, February and March forecasted inflow volumes at 39,000 AF (97% of average), 38,000 AF (85% of average), and 87,000 AF (85% of average), respectively.

The next Flaming Gorge Working Group meeting is scheduled for April 21, 2016, at 11:00 a.m. to be held in the Utah Department of Natural Resources building in Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders 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 Peter Crookston at 801-379-1152 or Heather Patno at 801-524-3883.

Aspinall Unit Reservoirs – December unregulated inflow into Blue Mesa Reservoir was 27,000 acre-feet or 105 percent of average. Precipitation during December was observed to be about 140 percent of average. The Gunnison River basin snowpack as of January 13th was averaging about 108 percent. The current inflow rate into Blue Mesa Reservoir is about 400 cfs while reservoir releases are averaging about 1,000 cfs. The present reservoir elevation is 7493.65 feet, which corresponds to a storage content of about 610,000 acre-feet.

Releases from Crystal Dam have been kept at just about the same release rate since early December, with a set release rate of 1,100 cfs. Reservoir releases will most likely change as the current hydrologic conditions change through the snow accumulation season. River flows below the tunnel are essentially the same as releases from the Dam, with the exception of when the tunnel is taking water to refill Fairfield Reservoir for Montrose municipal water needs.

The first Water Supply Forecast for Water Year 2016 has been issued and the April through July unregulated inflow is forecasted to be at 610,000 acre-feet (90% of average). Based on this forecast, Blue Mesa Reservoir is projected to fill by the end of this 2016 runoff season.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday January 21st in the Montrose, Colorado, starting at 1:00 PM. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2016 operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Navajo Reservoir – Navajo is currently releasing 350 cfs. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program 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.

Navajo was at 6063.8 feet of pool elevation and 1,397,022 acre-feet of storage by the end of December, which was 104% of average for the end of the month. Modified unregulated inflow into Navajo was 22,399 acre-feet, which was 89% of average for the month. Calculated evaporation for the month was 654 acre-ft. The release averaged close to 350 cfs throughout the month.

As of January 6th, the San Juan River at the USGS Archuleta gage was 266 cfs, and the observed inflow is 544 cfs. Note that at very low releases, Archuleta's shift migrates due to sediment and moss issues. The scheduled release is 350 cfs, measured using the gate curves and reservoir elevation head. The reservoir elevation is 6063.81 feet and the content is 1,397,022 acre-feet, or 82% full (71% of Active). The San Juan River at Four Corners USGS gage is at 730 cfs, and the Animas River at Farmington USGS gage is at 343 cfs. Snotel sites above Navajo are showing 11.5 inches of SWE (112% of median on this date).

The most probable modified-unregulated inflow forecast for January at Navajo is 19,000 acre-feet (87% of average), for February is 24,000 acre-feet (79% of average), and for March is 80,000 acre-feet (87% of average). The April-July modified unregulated inflow forecasts are as follows:

Min Probable: 550,000 acre-feet (75% of average)
Most Probable: 770,000 acre-feet (104% of average)
Max Probable: 1,120,000 acre-feet (152% of average)

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow to Lake Powell in December was 266 kaf (73% of average). The release volume from Glen Canyon Dam in December was 858 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 101% of average.

Current Operations

The operating tier for water year 2016, established in August 2015, is the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April 2016 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 2016. This projection will be updated each month throughout the water year.

In January 2015, the release volume will be approximately 900 thousand acre-feet (kaf), with fluctuations anticipated between approximately 11,000 cfs and 19,000 cfs and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No.

41, March 3, 1997). The anticipated release volume for February is approximately 700 kaf with daily fluctuations between approximately 9,000 cfs and 15,000 cfs. The expected release for March is 650 kaf with daily fluctuations between approximately 7,000 cfs and 13,000 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 2016 water supply forecast for unregulated inflow to Lake Powell, issued on January 5, 2016, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 6.4 maf (89% of average based on the period 1981-2010). The projected water year 2016 inflow is 9.6 maf (89%). 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%) to a maximum probable of 9.9 maf (138%). There is a 10% chance that inflows could be higher than the current maximum probable forecast and a 10% 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 2016 near 3,609 feet with approximately 12.7 maf in storage (52% capacity). Note that projections of elevation and storage for water year 2016 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 3,587 feet (10.5 maf, 43% capacity) and 3,642 feet (16.3 maf, 67% 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 2016 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 2016. 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 16-year period 2000 to 2015, 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 16 years. The period 2000-2015 is the lowest 16-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.51 maf, or 79% 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 2000-2015 period has ranged from a low of 2.64 maf (24% of average) in water year 2002 to a high of 15.97 maf (147% of average) in water year 2011. The water year 2015 unregulated inflow volume to Lake Powell was 10.17 maf (94% of average), which, though still below average, was significantly higher than inflows observed in 2012 and 2013 (45% and 47% of average, respectively). Under the current most probable forecast, the total water year 2016 unregulated inflow to Lake Powell is projected to be 9.59 maf (89% of average).

At the beginning of water year 2016, total system storage in the Colorado River Basin was 30.0 maf (50% of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water years 2014 and 2015 which began at 29.9 maf and 30.0 maf, respectively, both of which were 50% 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% of capacity at the beginning of 2000 to a low of 50% 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 2016 is approximately 30.0 maf (50% of total system capacity). The actual end of water year 2016 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 2016 total system capacity is approximately 27.4 maf (46%) to 34.1 maf (57%), 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

:	sep	oct	nov	dec	%Avg	jan	feb	mar	apr-jul	%Avg
GLDA3:Lake Powell	276	535	449	294	81%:	310/	330/	610/	6400/:	89%
GBRW4:Fontenelle	37	46	40	36	113%:	29/	26/	43/	550/:	76%
GRNU1:Flaming Gorge	39	48	38	38	109%:	39/	38/	87/	700/:	71%
BMDC2:Blue Mesa	39	33	30	27	105%:	24/	21/	34/	610/:	90%
MPSC2:Morrow Point	39	34	31	28	101%:	25/	23/	37/	665/:	90%
CLSC2:Crystal	42	37	34	32	99%:	29/	27/	43/	755/:	90%
TPIC2:Taylor Park	7.7	7.1	5.4	4.8	102%:	4.5/	3.8/	4/	89/:	90%
VCRC2:Vallecito	10.7	16.8	10.7	7.1	112%:	6/	4.5/	9/	210/:	108%
NVRN5:Navajo	15.4	40	35	22	88%:	19/	24/	80/	770/:	105%
LEMC2:Lemon	1.60	3.1	1.78	1.15	104%:	0.8/	0.7/	1.3/	55/:	100%
MPHC2:McPhee	6.8	6.0	4.5	3.8	86%:	3.5/	3.5/	17/	340/:	115%
RBSC2:Ridgway	6.5	6.2	5.7	4.6	102%:	4/	3.6/	5.7/	108/:	107%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2016 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 2015	46	1	77	0	77	6490.98	234
H Feb 2015	46	1	69	1	69	6487.37	210
I Mar 2015	70	1	78	0	78	6486.00	201
S Apr 2015	87	1	102	0	103	6483.35	185
T May 2015	223	2	104	4	108	6499.95	298
O Jun 2015	332	3	101	229	330	6499.84	297
R Jul 2015	126	3	91	17	108	6501.77	312
I Aug 2015	53	2	83	1	84	6497.37	279
C Sep 2015	37	2	0	61	61	6493.88	254
WY 2015	1210	16	930	324	1254		
A Oct 2015	46	1	46	15	61	6491.60	238
L Nov 2015	40	1	56	1	57	6489.03	221
* Dec 2015	36	1	58	0	58	6485.40	197
Jan 2016	29	1	58	0	58	6480.29	168
Feb 2016	26	1	55	0	55	6474.50	139
Mar 2016	43	0	58	0	58	6470.99	123
Apr 2016	65	1	60	0	60	6472.10	128
May 2016	115	1	74	0	74	6480.26	168
Jun 2016	250	2	99	0	99	6502.40	317
Jul 2016	120	3	92	0	92	6505.57	342
Aug 2016	56	2	74	0	74	6503.03	322
Sep 2016	36	2	65	0	65	6498.93	291
WY 2016	862	15	795	16	811		
Oct 2016	42	1	68	0	68	6495.19	264
Nov 2016	39	1	65	0	65	6491.30	237
Dec 2016	32	1	68	0	68	6485.72	200
Jan 2017	30	1	68	0	68	6479.19	162
Feb 2017	28	0	61	0	61	6472.17	129
Mar 2017	53	0	68	0	68	6468.55	113
Apr 2017	85	1	71	0	71	6471.71	127
May 2017	164	1	99	5	105	6483.10	184
Jun 2017	299	2	103	66	170	6501.69	312
Jul 2017	178	3	100	42	141	6505.93	345
Aug 2017	77	2	100	5	105	6502.09	315
Sep 2017	46	2	71	0	71	6498.47	287
WY 2017	1072	15	942	118	1060		
Oct 2017	49	1	74	0	74	6494.83	261
Nov 2017	42	1	76	0	76	6489.66	226
Dec 2017	32	1	79	0	79	6482.20	179

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2016 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 2015	67	98	2	124	0	124	130	6026.99	3234	171
H	Feb 2015	63	86	2	113	0	113	129	6026.25	3207	168
I	Mar 2015	77	85	3	124	0	124	127	6025.15	3166	219
S	Apr 2015	112	127	5	73	0	73	129	6026.41	3213	252
T	May 2015	333	218	8	169	57	226	129	6026.01	3198	652
O	Jun 2015	434	432	11	100	0	100	141	6034.01	3506	485
R	Jul 2015	157	140	14	104	0	104	142	6034.55	3528	195
I	Aug 2015	56	87	13	104	0	104	141	6033.81	3498	130
C	Sep 2015	39	62	11	100	1	101	139	6032.59	3450	127
	WY 2015	1562	1606	82	1293	58	1352				2856
A	Oct 2015	48	63	7	131	0	131	136	6030.73	3377	162
L	Nov 2015	38	55	4	131	0	131	133	6028.73	3300	176
*	Dec 2015	38	61	2	137	0	137	130	6026.75	3225	175
	Jan 2016	39	68	2	135	0	135	127	6024.98	3159	152
	Feb 2016	38	67	2	94	0	94	126	6024.20	3131	111
	Mar 2016	87	102	3	49	0	49	128	6025.50	3179	114
	Apr 2016	110	105	5	48	0	48	130	6026.84	3229	223
	May 2016	165	124	8	110	0	110	130	6026.99	3234	560
	Jun 2016	285	134	10	152	0	152	129	6026.27	3207	592
	Jul 2016	140	112	13	81	0	81	130	6026.72	3224	146
	Aug 2016	65	83	12	81	0	81	129	6026.43	3213	98
	Sep 2016	43	72	11	79	0	79	129	6025.99	3197	90
	WY 2016	1097	1045	79	1229	0	1230				2600
	Oct 2016	50	76	7	81	0	81	128	6025.67	3185	105
	Nov 2016	47	74	3	79	0	79	128	6025.45	3177	106
	Dec 2016	35	71	2	81	0	81	127	6025.12	3165	107
	Jan 2017	40	78	2	81	0	81	127	6024.98	3159	107
	Feb 2017	45	78	2	74	0	74	127	6025.04	3162	101
	Mar 2017	102	117	3	81	0	81	129	6025.89	3193	158
	Apr 2017	134	119	5	79	0	79	130	6026.81	3228	294
	May 2017	245	186	8	140	0	140	131	6027.77	3264	672
	Jun 2017	390	260	10	192	0	192	134	6029.22	3319	612
	Jul 2017	210	174	14	111	0	111	135	6030.47	3367	211
	Aug 2017	89	117	13	111	0	111	135	6030.30	3360	136
	Sep 2017	55	81	11	107	0	107	134	6029.35	3324	126
	WY 2017	1442	1430	80	1218	0	1218				2735
	Oct 2017	59	84	7	111	0	111	132	6028.50	3292	143
	Nov 2017	51	85	3	107	0	107	131	6027.86	3267	139
	Dec 2017	35	81	2	111	0	111	130	6027.07	3237	136

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2016 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 2015	6	6	9315.48	79
H	Feb 2015	4	5	9314.94	78
I	Mar 2015	7	6	9315.31	79
S	Apr 2015	9	6	9317.32	82
T	May 2015	19	10	9321.95	91
O	Jun 2015	62	50	9328.14	102
R	Jul 2015	21	28	9324.75	96
I	Aug 2015	9	22	9317.56	83
C	Sep 2015	7	18	9311.10	72
WY 2015		166	171		
A	Oct 2015	7	8	9310.71	71
L	Nov 2015	5	6	9310.40	71
*	Dec 2015	5	6	9309.95	70
	Jan 2016	5	6	9309.00	68
	Feb 2016	4	6	9307.58	66
	Mar 2016	4	6	9306.26	64
	Apr 2016	7	6	9306.92	65
	May 2016	26	10	9316.73	81
	Jun 2016	40	20	9327.46	101
	Jul 2016	16	18	9326.44	99
	Aug 2016	9	18	9321.72	90
	Sep 2016	6	14	9317.30	82
WY 2016		134	123		
	Oct 2016	6	12	9313.71	76
	Nov 2016	5	6	9312.98	75
	Dec 2016	5	6	9312.18	73
	Jan 2017	4	6	9311.17	72
	Feb 2017	4	6	9309.79	70
	Mar 2017	4	6	9308.80	68
	Apr 2017	9	6	9310.55	71
	May 2017	28	18	9316.69	81
	Jun 2017	42	22	9327.28	101
	Jul 2017	20	21	9326.85	100
	Aug 2017	10	20	9321.77	90
	Sep 2017	7	16	9316.99	82
WY 2017		144	145		
	Oct 2017	7	12	9313.88	76
	Nov 2017	5	6	9313.35	75
	Dec 2017	5	6	9312.55	74

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2016 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 2015	30	30	0	58	0	58	7485.48	547
H	Feb 2015	28	29	0	29	0	29	7485.47	547
I	Mar 2015	54	53	0	26	0	26	7488.96	573
S	Apr 2015	73	70	1	45	0	45	7492.04	597
T	May 2015	136	128	1	71	0	71	7498.96	653
O	Jun 2015	368	356	1	125	62	192	7517.76	815
R	Jul 2015	131	137	2	135	10	145	7516.74	806
I	Aug 2015	59	73	1	105	0	105	7512.97	772
C	Sep 2015	39	50	1	95	0	95	7507.65	726
WY 2015		1042	1047	9	835	72	912		
A	Oct 2015	33	34	1	87	0	87	7501.39	673
L	Nov 2015	30	31	0	45	0	45	7499.64	658
*	Dec 2015	27	28	0	62	0	62	7495.46	624
	Jan 2016	24	26	0	69	0	69	7489.93	581
	Feb 2016	21	23	0	41	0	41	7487.60	563
	Mar 2016	34	36	0	33	0	33	7487.93	565
	Apr 2016	72	71	1	45	0	45	7491.19	591
	May 2016	189	173	1	145	0	145	7494.60	618
	Jun 2016	250	230	1	47	0	47	7516.03	799
	Jul 2016	99	101	2	96	0	96	7516.40	802
	Aug 2016	52	61	1	124	0	124	7509.13	738
	Sep 2016	41	49	1	122	0	122	7500.36	664
WY 2016		873	863	9	915	0	915		
	Oct 2016	40	46	1	53	0	53	7499.49	657
	Nov 2016	32	33	0	23	0	23	7500.69	667
	Dec 2016	26	27	0	113	0	113	7490.00	581
	Jan 2017	24	26	0	75	0	75	7483.54	532
	Feb 2017	22	25	0	46	0	46	7480.62	511
	Mar 2017	36	38	0	32	0	32	7481.32	516
	Apr 2017	77	74	1	42	0	42	7485.56	547
	May 2017	221	211	1	141	0	141	7494.41	616
	Jun 2017	261	241	1	60	0	60	7515.72	796
	Jul 2017	117	118	2	110	0	110	7516.40	802
	Aug 2017	63	73	1	122	0	122	7510.76	752
	Sep 2017	38	47	1	120	0	120	7502.03	678
WY 2017		958	959	9	936	0	936		
	Oct 2017	38	44	1	58	0	58	7500.22	663
	Nov 2017	31	32	0	29	0	29	7500.56	666
	Dec 2017	26	27	0	111	0	111	7490.00	581

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2016 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 2015	30	58	1	58	60	0	60	7152.01	111
H	Feb 2015	29	29	1	30	31	0	31	7151.25	110
I	Mar 2015	56	26	3	29	28	0	28	7151.69	110
S	Apr 2015	79	45	6	50	51	0	51	7150.61	110
T	May 2015	151	71	15	86	84	0	84	7153.24	112
O	Jun 2015	388	192	20	212	188	0	211	7154.42	113
R	Jul 2015	135	145	3	148	148	0	148	7154.93	113
I	Aug 2015	60	105	0	105	106	0	106	7153.74	112
C	Sep 2015	39	95	0	95	103	0	103	7143.98	104
WY 2015		1095	912	53	965	926	0	972		
A	Oct 2015	34	87	0	87	93	0	93	7135.56	98
L	Nov 2015	31	45	1	46	47	0	47	7133.97	97
*	Dec 2015	28	62	1	62	46	0	47	7154.01	112
	Jan 2016	25	69	1	70	70	0	70	7153.73	112
	Feb 2016	23	41	2	43	43	0	43	7153.73	112
	Mar 2016	37	33	3	36	36	0	36	7153.73	112
	Apr 2016	80	45	8	53	53	0	53	7153.73	112
	May 2016	210	145	21	166	166	0	166	7153.73	112
	Jun 2016	270	47	20	67	67	0	67	7153.73	112
	Jul 2016	105	96	6	102	102	0	102	7153.73	112
	Aug 2016	56	124	4	128	128	0	128	7153.73	112
	Sep 2016	44	122	3	125	125	0	125	7153.73	112
WY 2016		943	915	70	985	976	0	977		
	Oct 2016	43	53	3	56	56	0	56	7153.73	112
	Nov 2016	34	23	2	25	25	0	25	7153.73	112
	Dec 2016	28	113	2	115	115	0	115	7153.73	112
	Jan 2017	27	75	2	77	77	0	77	7153.73	112
	Feb 2017	25	46	3	49	49	0	49	7153.73	112
	Mar 2017	40	32	4	36	36	0	36	7153.73	112
	Apr 2017	88	42	11	53	53	0	53	7153.73	112
	May 2017	247	141	26	167	167	0	167	7153.73	112
	Jun 2017	281	60	20	80	80	0	80	7153.73	112
	Jul 2017	123	110	6	116	116	0	116	7153.73	112
	Aug 2017	67	122	3	125	125	0	125	7153.73	112
	Sep 2017	41	120	3	123	123	0	123	7153.73	112
WY 2017		1043	936	85	1022	1022	0	1022		
	Oct 2017	41	58	3	61	61	0	61	7153.73	112
	Nov 2017	33	29	2	31	31	0	31	7153.73	112
	Dec 2017	28	111	2	113	113	0	113	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 2016 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)
*	Jan 2015	35	60	5	64	55	9	64	6746.05	15	1	65
H	Feb 2015	34	31	4	35	11	22	33	6751.96	17	0	34
I	Mar 2015	63	28	6	35	35	0	35	6752.00	17	1	34
S	Apr 2015	85	51	7	58	58	0	58	6751.65	17	37	21
T	May 2015	164	84	13	97	90	6	96	6752.09	17	62	36
O	Jun 2015	429	211	41	253	110	78	252	6755.80	18	55	209
R	Jul 2015	143	148	9	156	114	44	158	6751.21	16	65	96
I	Aug 2015	63	106	4	110	110	0	111	6749.17	16	65	47
C	Sep 2015	42	103	3	106	96	11	107	6744.61	15	57	50
WY 2015		1201	972	106	1078	843	171	1078			393	709
A	Oct 2015	37	93	3	96	0	94	94	6750.81	16	51	44
L	Nov 2015	34	47	3	50	0	50	50	6750.12	16	0	51
*	Dec 2015	32	47	4	51	40	12	52	6747.07	15	1	53
	Jan 2016	29	70	4	74	72	0	72	6753.04	17	0	72
	Feb 2016	27	43	4	47	47	0	47	6753.04	17	0	47
	Mar 2016	43	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2016	93	53	13	66	66	0	66	6753.04	17	30	36
	May 2016	245	166	35	201	134	67	201	6753.04	17	55	146
	Jun 2016	300	67	30	97	97	0	97	6753.04	17	60	37
	Jul 2016	117	102	12	114	114	0	114	6753.04	17	65	49
	Aug 2016	62	128	6	134	134	0	134	6753.04	17	65	69
	Sep 2016	49	125	5	130	130	0	130	6753.04	17	55	75
WY 2016		1067	977	125	1102	877	223	1100			387	717
	Oct 2016	48	56	5	61	61	0	61	6753.04	17	30	31
	Nov 2016	39	25	4	30	30	0	30	6753.04	17	0	30
	Dec 2016	32	115	5	119	119	0	119	6753.04	17	0	119
	Jan 2017	31	77	5	82	82	0	82	6753.04	17	0	82
	Feb 2017	29	49	4	52	52	0	52	6753.04	17	0	52
	Mar 2017	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2017	101	53	12	66	66	0	66	6753.04	17	30	36
	May 2017	281	167	34	201	134	67	201	6753.04	17	55	146
	Jun 2017	315	80	34	113	113	0	113	6753.04	17	60	53
	Jul 2017	138	116	14	131	131	0	131	6753.04	17	65	66
	Aug 2017	75	125	8	134	134	0	134	6753.04	17	65	69
	Sep 2017	47	123	6	129	129	0	129	6753.04	17	55	74
WY 2017		1182	1022	139	1160	1093	67	1160			365	795
	Oct 2017	47	61	6	67	67	0	67	6753.04	17	30	37
	Nov 2017	38	31	5	36	36	0	36	6753.04	17	0	36
	Dec 2017	32	113	5	118	118	0	118	6753.04	17	0	118

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2016 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 2015	6	5	7654.18	97
H	Feb 2015	7	4	7655.19	100
I	Mar 2015	13	12	7655.67	101
S	Apr 2015	19	11	7658.49	108
T	May 2015	43	31	7662.94	120
O	Jun 2015	106	103	7664.05	123
R	Jul 2015	37	42	7661.73	117
I	Aug 2015	13	35	7652.83	94
C	Sep 2015	11	29	7645.08	75
WY 2015		294	285		
A	Oct 2015	17	15	7645.65	77
L	Nov 2015	11	5	7648.25	83
*	Dec 2015	7	4	7649.57	86
	Jan 2016	6	2	7651.19	90
	Feb 2016	5	1	7652.40	93
	Mar 2016	9	2	7655.31	100
	Apr 2016	26	3	7664.11	123
	May 2016	78	77	7664.11	123
	Jun 2016	78	77	7664.11	123
	Jul 2016	28	42	7658.58	108
	Aug 2016	19	38	7650.94	89
	Sep 2016	16	29	7645.17	76
WY 2016		299	295		
	Oct 2016	15	16	7644.33	74
	Nov 2016	9	1	7647.35	81
	Dec 2016	6	2	7649.35	85
	Jan 2017	5	2	7650.92	89
	Feb 2017	5	1	7652.26	92
	Mar 2017	9	2	7655.02	99
	Apr 2017	23	1	7663.29	121
	May 2017	71	69	7664.10	123
	Jun 2017	70	70	7664.10	123
	Jul 2017	29	42	7659.06	110
	Aug 2017	20	38	7651.74	91
	Sep 2017	17	30	7646.48	79
WY 2017		280	273		
	Oct 2017	16	17	7645.72	77
	Nov 2017	9	1	7648.79	84
	Dec 2017	6	2	7650.77	89

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2016 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 2015	23	0	21	1	0	21	6037.90	1090	40
H Feb 2015	28	1	25	1	0	19	6038.43	1096	41
I Mar 2015	86	7	79	1	3	20	6043.43	1150	56
S Apr 2015	80	8	63	2	20	21	6045.22	1170	38
T May 2015	178	24	144	3	23	21	6053.44	1267	93
O Jun 2015	285	38	241	4	20	22	6068.60	1461	254
R Jul 2015	76	9	71	5	39	27	6068.68	1462	90
I Aug 2015	15	1	36	4	33	42	6065.47	1419	70
C Sep 2015	15	0	33	3	25	33	6063.41	1392	66
WY 2015	900	90	797	27	170	289			903
A Oct 2015	40	1	38	2	9	27	6063.43	1392	
L Nov 2015	35	1	28	1	0	19	6064.00	1400	
* Dec 2015	22	0	19	1	0	19	6063.81	1397	
Jan 2016	19	0	15	1	0	23	6063.15	1388	35
Feb 2016	24	0	21	1	0	23	6062.91	1385	33
Mar 2016	80	2	70	2	5	25	6065.85	1424	43
Apr 2016	192	17	152	3	20	33	6072.80	1520	93
May 2016	295	44	250	4	34	213	6072.81	1520	368
Jun 2016	230	38	191	5	49	204	6068.06	1454	364
Jul 2016	53	8	59	5	53	34	6065.69	1422	99
Aug 2016	35	2	52	4	44	33	6063.50	1393	70
Sep 2016	36	1	48	3	24	27	6063.06	1387	56
WY 2016	1062	114	945	29	238	680			1161
Oct 2016	42	2	42	2	9	25	6063.54	1393	51
Nov 2016	32	1	24	1	0	24	6063.47	1393	41
Dec 2016	25	0	20	1	0	25	6063.08	1388	40
Jan 2017	22	0	18	1	0	25	6062.53	1380	38
Feb 2017	30	0	27	1	0	22	6062.82	1384	35
Mar 2017	92	2	83	2	5	28	6066.45	1432	51
Apr 2017	170	16	133	3	20	37	6071.77	1505	90
May 2017	277	41	233	4	34	207	6070.93	1493	354
Jun 2017	224	34	189	4	49	212	6065.33	1417	364
Jul 2017	66	7	72	5	53	29	6064.16	1402	97
Aug 2017	45	2	62	4	45	25	6063.27	1390	63
Sep 2017	43	1	55	3	25	30	6063.05	1387	62
WY 2017	1068	105	957	29	238	690			1286
Oct 2017	47	2	47	2	9	26	6063.79	1397	54
Nov 2017	34	1	25	1	0	24	6063.84	1397	42
Dec 2017	25	0	20	1	0	25	6063.45	1392	40

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2016 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 2015	348	449	8	862	0	862	3593.57	4945	11147	878
H	Feb 2015	424	464	8	589	0	589	3592.23	4936	11024	595
I	Mar 2015	552	543	14	649	0	649	3591.02	4927	10913	656
S	Apr 2015	639	539	21	600	0	600	3590.18	4921	10837	610
T	May 2015	1613	1431	25	699	0	699	3597.27	4973	11491	708
O	Jun 2015	3389	2570	44	800	0	800	3613.54	5101	13090	801
R	Jul 2015	1072	1002	55	1048	0	1048	3612.62	5093	12996	1076
I	Aug 2015	313	466	54	799	0	799	3609.07	5065	12637	814
C	Sep 2015	276	435	49	714	0	714	3606.01	5040	12333	726
WY 2015		10174	9419	368	8868	132	9000				9136
A	Oct 2015	535	680	34	600	0	600	3606.44	5044	12375	609
L	Nov 2015	421	506	32	577	0	577	3605.47	5036	12280	583
*	Dec 2015	266	393	26	857	0	857	3600.80	5000	11827	863
	Jan 2016	310	454	8	900	0	900	3596.36	4966	11406	909
	Feb 2016	330	405	8	700	0	700	3593.35	4944	11126	705
	Mar 2016	610	524	14	650	0	650	3591.93	4933	10996	656
	Apr 2016	950	739	22	666	0	666	3592.46	4937	11044	675
	May 2016	2050	1947	27	700	0	700	3604.39	5028	12174	708
	Jun 2016	2500	2224	45	800	0	800	3617.03	5130	13451	809
	Jul 2016	900	880	56	950	0	950	3615.91	5120	13334	965
	Aug 2016	380	512	55	900	0	900	3611.92	5088	12925	917
	Sep 2016	340	473	50	700	0	700	3609.38	5067	12668	713
WY 2016		9593	9738	376	9000	0	9000				9113
	Oct 2016	455	493	34	600	0	600	3608.07	5057	12537	609
	Nov 2016	447	462	33	600	0	600	3606.48	5044	12379	606
	Dec 2016	363	496	26	800	0	800	3603.36	5020	12073	806
	Jan 2017	361	456	8	800	0	800	3599.97	4993	11747	809
	Feb 2017	393	438	8	650	0	650	3597.81	4977	11543	655
	Mar 2017	665	584	14	650	0	650	3597.02	4971	11468	656
	Apr 2017	1056	868	23	600	0	600	3599.43	4989	11696	610
	May 2017	2343	2164	28	650	0	650	3613.36	5099	13071	658
	Jun 2017	2666	2338	48	800	0	800	3626.38	5210	14451	809
	Jul 2017	1091	1008	60	1000	0	1000	3625.94	5206	14403	1015
	Aug 2017	500	606	59	1050	0	1050	3621.64	5169	13938	1067
	Sep 2017	408	554	53	800	0	800	3619.03	5147	13661	813
WY 2017		10747	10466	394	9000	0	9000				9113
	Oct 2017	512	574	37	600	0	600	3618.48	5142	13603	609
	Nov 2017	473	518	35	600	0	600	3617.44	5133	13494	606
	Dec 2017	363	524	28	800	0	800	3614.73	5111	13213	806

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2016 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead



	Glen Release	Side Inflow	Evap	Total	Total	SNWP	Downstream	Bank	Reservoir Elev	EOM
Date	(1000 Ac-Ft)	Glen to Hoover	Losses	Release	Release	Use	Requirements	Storage	End of Month	Storage
		(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 CFS)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(Ft)	(1000 Ac-Ft)
* Jan 2015	862	73	31	832	13.5	6	832	697	1088.51	10729
H Feb 2015	589	90	28	600	10.8	8	599	700	1088.98	10769
I Mar 2015	649	57	31	1034	16.8	14	1033	677	1084.87	10419
S Apr 2015	600	26	38	1087	18.3	20	1086	646	1079.03	9931
T May 2015	699	25	43	871	14.2	25	862	632	1076.57	9729
O Jun 2015	800	16	52	868	14.6	25	868	624	1075.08	9607
R Jul 2015	1048	80	65	767	12.5	28	766	641	1078.15	9858
I Aug 2015	799	114	70	803	13.1	27	802	642	1078.31	9871
C Sep 2015	714	73	58	723	12.1	25	722	641	1078.10	9854
WY 2015	9000	722	540	9246		221	9216			
A Oct 2015	600	118	42	578	9.4	20	577	645	1078.99	9927
L Nov 2015	577	41	42	631	10.6	12	630	641	1078.23	9865
* Dec 2015	857	42	36	619	10.1	8	618	656	1080.91	10087
Jan 2016	900	72	30	671	10.9	8	671	672	1083.86	10333
Feb 2016	700	77	28	677	11.8	7	677	676	1084.58	10394
Mar 2016	650	61	31	986	16.0	15	986	656	1081.00	10094
Apr 2016	666	76	38	1121	18.8	21	1121	629	1076.00	9682
May 2016	700	49	43	1011	16.4	30	1011	609	1072.12	9368
Jun 2016	800	23	51	900	15.1	28	900	599	1070.28	9222
Jul 2016	950	67	64	860	14.0	28	860	603	1071.06	9284
Aug 2016	900	127	68	762	12.4	25	762	614	1073.08	9445
Sep 2016	700	114	56	748	12.6	19	748	613	1072.96	9436
WY 2016	9000	867	529	9563		219	9560			
Oct 2016	600	61	41	533	8.7	22	533	617	1073.72	9497
Nov 2016	600	50	41	571	9.6	13	571	619	1074.01	9521
Dec 2016	800	96	36	512	8.3	8	512	640	1077.93	9840
Jan 2017	800	72	30	712	11.6	8	712	647	1079.32	9955
Feb 2017	650	77	27	733	13.2	7	733	645	1078.86	9917
Mar 2017	650	61	30	1020	16.6	15	1020	623	1074.80	9585
Apr 2017	600	76	37	1097	18.4	21	1097	594	1069.18	9134
May 2017	650	49	42	1001	16.3	30	1001	571	1064.71	8784
Jun 2017	800	23	49	888	14.9	30	888	562	1062.95	8648
Jul 2017	1000	67	62	849	13.8	31	849	570	1064.47	8766
Aug 2017	1050	127	66	762	12.4	29	762	589	1068.31	9066
Sep 2017	800	114	55	729	12.3	16	729	596	1069.64	9171
WY 2017	9000	874	517	9408		231	9408			
Oct 2017	600	61	41	481	7.8	21	481	603	1071.05	9283
Nov 2017	600	50	41	621	10.4	11	621	602	1070.78	9262
Dec 2017	800	96	35	561	9.1	8	561	620	1074.20	9536

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2016 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 2015	832	-22	10	660	0	660	10.7	642.98	1698
H	Feb 2015	600	-8	10	625	0	625	11.3	641.43	1656
I	Mar 2015	1034	-21	13	963	0	963	15.7	642.78	1693
S	Apr 2015	1087	-18	17	1022	0	1022	17.2	643.88	1723
T	May 2015	871	-10	22	854	0	854	13.9	643.30	1707
O	Jun 2015	868	-19	26	810	0	810	13.6	643.81	1721
R	Jul 2015	767	-14	25	762	0	762	12.4	642.57	1687
I	Aug 2015	803	-16	23	775	0	775	12.6	642.12	1675
C	Sep 2015	723	-16	18	758	0	758	12.7	639.56	1606
	WY 2015	9246	-142	198	8945	0	8945			
A	Oct 2015	578	-7	15	655	0	655	10.7	635.80	1507
L	Nov 2015	631	-14	10	599	0	599	10.1	636.11	1514
*	Dec 2015	619	-13	9	527	0	527	8.6	638.77	1585
	Jan 2016	671	-13	10	575	0	575	9.4	641.50	1658
	Feb 2016	677	-13	10	641	0	641	11.1	642.00	1671
	Mar 2016	986	-15	13	929	0	929	15.1	643.05	1700
	Apr 2016	1121	-19	17	1087	0	1087	18.3	643.00	1699
	May 2016	1011	-15	22	974	0	974	15.8	643.00	1699
	Jun 2016	900	-17	25	885	0	885	14.9	642.00	1671
	Jul 2016	860	-13	25	834	0	834	13.6	641.50	1658
	Aug 2016	762	-10	23	729	0	729	11.9	641.50	1658
	Sep 2016	748	-6	18	764	0	764	12.8	640.01	1617
	WY 2016	9563	-156	197	9198	0	9198			
	Oct 2016	533	1	15	703	0	703	11.4	633.00	1434
	Nov 2016	571	-11	10	499	0	499	8.4	635.00	1486
	Dec 2016	512	-12	9	393	0	393	6.4	638.71	1583
	Jan 2017	712	-13	10	606	0	606	9.9	641.80	1666
	Feb 2017	733	-13	10	710	0	710	12.8	641.80	1666
	Mar 2017	1020	-15	13	957	0	957	15.6	643.05	1700
	Apr 2017	1097	-19	17	1063	0	1063	17.9	643.00	1699
	May 2017	1001	-15	22	964	0	964	15.7	643.00	1699
	Jun 2017	888	-17	25	873	0	873	14.7	642.00	1671
	Jul 2017	849	-13	25	824	0	824	13.4	641.50	1658
	Aug 2017	762	-10	23	729	0	729	11.9	641.50	1658
	Sep 2017	729	-6	18	746	0	746	12.5	640.01	1617
	WY 2017	9408	-143	197	9067	0	9067			
	Oct 2017	481	1	15	651	0	651	10.6	633.00	1434
	Nov 2017	621	-11	10	548	0	548	9.2	635.00	1486
	Dec 2017	561	-12	9	442	0	442	7.2	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 2016 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 2015	660	17	6	348	5.7	105	180	448.22	584	146	2.4
H	Feb 2015	625	9	8	473	8.5	54	109	447.38	568	172	3.1
I	Mar 2015	963	3	9	707	11.5	86	146	447.89	578	219	3.6
S	Apr 2015	1022	13	11	752	12.6	104	154	448.09	582	210	3.5
T	May 2015	854	21	13	559	9.1	108	177	448.50	590	113	1.8
O	Jun 2015	810	19	16	615	10.3	104	77	448.89	597	109	1.8
R	Jul 2015	762	18	17	592	9.6	107	70	447.99	580	107	1.7
I	Aug 2015	775	16	17	580	9.4	107	70	448.30	586	93	1.5
C	Sep 2015	758	19	15	487	8.2	104	168	448.04	581	90	1.5
WY 2015		8945	178	140	6135		1195	1566			1510	
A	Oct 2015	655	34	12	458	7.5	101	115	447.88	578	59	1.0
L	Nov 2015	599	11	9	385	6.5	98	120	447.57	572	93	1.6
*	Dec 2015	527	15	7	321	5.2	101	130	446.92	560	105	1.7
	Jan 2016	575	18	6	348	5.7	99	143	446.50	552	154	2.5
	Feb 2016	641	11	8	488	8.5	20	118	447.00	561	180	3.1
	Mar 2016	929	15	9	722	11.7	100	111	446.70	555	206	3.4
	Apr 2016	1087	23	11	780	13.1	96	175	448.70	593	192	3.2
	May 2016	974	17	13	686	11.2	99	180	448.70	593	97	1.6
	Jun 2016	885	15	16	696	11.7	96	78	448.70	593	98	1.6
	Jul 2016	834	29	17	677	11.0	99	70	448.00	580	99	1.6
	Aug 2016	729	27	17	566	9.2	99	70	447.50	571	99	1.6
	Sep 2016	764	23	15	523	8.8	96	143	447.50	570	89	1.5
WY 2016		9198	239	140	6650		1103	1454			1470	
	Oct 2016	703	25	12	475	7.7	99	135	447.50	571	68	1.1
	Nov 2016	499	27	9	381	6.4	21	110	447.50	571	103	1.7
	Dec 2016	393	21	7	284	4.6	24	115	446.50	552	115	1.9
	Jan 2017	606	18	6	379	6.2	80	154	446.50	552	154	2.5
	Feb 2017	710	11	8	492	8.9	71	143	446.50	552	180	3.2
	Mar 2017	957	15	9	722	11.7	80	150	446.70	555	206	3.4
	Apr 2017	1063	23	11	768	12.9	77	182	448.70	593	192	3.2
	May 2017	964	17	13	687	11.2	80	189	448.70	593	97	1.6
	Jun 2017	873	15	16	694	11.7	77	86	448.70	593	98	1.6
	Jul 2017	824	29	17	666	10.8	80	90	448.00	580	99	1.6
	Aug 2017	729	27	17	564	9.2	80	91	447.50	571	99	1.6
	Sep 2017	746	23	15	513	8.6	77	153	447.50	570	89	1.5
WY 2017		9067	252	139	6625		845	1597			1500	
	Oct 2017	651	25	12	469	7.6	80	108	447.50	571	68	1.1
	Nov 2017	548	27	9	375	6.3	77	108	447.50	571	103	1.7
	Dec 2017	442	21	7	283	4.6	80	108	446.50	552	115	1.9

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2016 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 2015	832	13.5	1088.51	10729	62	441.51	1018.0	333.5	63	400.6
H	Feb 2015	600	10.8	1088.98	10769	40	444.73	848.0	239.1	52	398.4
I	Mar 2015	1034	16.8	1084.87	10419	-350	440.21	952.0	412.2	60	398.7
S	Apr 2015	1087	18.3	1079.03	9931	-488	430.55	1217.0	427.4	76	393.2
T	May 2015	871	14.2	1076.57	9729	-202	432.58	1165.0	337.2	74	387.2
O	Jun 2015	868	14.6	1075.08	9607	-121	427.78	1573.0	332.0	100	382.4
R	Jul 2015	767	12.5	1078.15	9858	251	432.42	1455.0	292.7	94	381.4
I	Aug 2015	803	13.1	1078.31	9871	13	434.75	1451.0	307.8	93	383.4
C	Sep 2015	723	12.1	1078.10	9854	-17	435.36	1563.0	275.2	100	380.7
WY 2015		9246							3596.9		
A	Oct 2015	578	9.4	1078.99	9927	73	435.13	1088.0	221.8	70	383.6
L	Nov 2015	631	10.6	1078.23	9865	-63	433.49	1088.0	244.8	70	387.9
*	Dec 2015	619	10.1	1080.91	10087	222	434.77	1069.0	241.9	68	390.9
	Jan 2016	671	10.9	1083.86	10333	247	436.23	775.0	267.0	49	397.9
	Feb 2016	677	11.8	1084.58	10394	61	435.66	992.0	268.2	61	396.1
	Mar 2016	986	16.0	1081.00	10094	-301	433.75	975.0	393.5	61	399.2
	Apr 2016	1121	18.8	1076.00	9682	-412	426.72	1309.0	439.6	84	392.0
	May 2016	1011	16.4	1072.12	9368	-314	420.64	1537.0	379.2	100	375.2
	Jun 2016	900	15.1	1070.28	9222	-146	418.13	1524.0	338.2	100	375.7
	Jul 2016	860	14.0	1071.06	9284	62	418.10	1526.0	326.9	100	380.3
	Aug 2016	762	12.4	1073.08	9445	161	419.64	1535.0	287.1	100	376.9
	Sep 2016	748	12.6	1072.96	9436	-9	421.07	1536.0	283.3	100	378.7
WY 2016		9563							3691.4		
	Oct 2016	533	8.7	1073.72	9497	61	424.92	1338.0	198.3	87	372.0
	Nov 2016	571	9.6	1074.01	9521	24	427.61	1353.0	216.7	88	379.3
	Dec 2016	512	8.3	1077.93	9840	320	431.09	896.0	200.3	57	391.2
	Jan 2017	712	11.6	1079.32	9955	115	430.91	989.0	278.0	63	390.6
	Feb 2017	733	13.2	1078.86	9917	-38	431.09	885.0	292.8	56	399.6
	Mar 2017	1020	16.6	1074.80	9585	-332	428.40	875.0	407.5	56	399.7
	Apr 2017	1097	18.4	1069.18	9134	-450	419.26	1419.0	418.4	93	381.3
	May 2017	1001	16.3	1064.71	8784	-350	414.27	1395.0	370.6	93	370.1
	Jun 2017	888	14.9	1062.95	8648	-136	410.83	1465.7	327.1	100	368.3
	Jul 2017	849	13.8	1064.47	8766	117	411.20	1474.3	317.0	100	373.4
	Aug 2017	762	12.4	1068.31	9066	300	414.02	1496.1	283.2	100	371.8
	Sep 2017	729	12.3	1069.64	9171	106	417.06	1503.7	272.9	100	374.1
WY 2017		9408							3582.7		
	Oct 2017	481	7.8	1071.05	9283	112	421.95	1309.9	181.6	87	377.4
	Nov 2017	621	10.4	1070.78	9262	-21	424.68	1325.0	236.3	88	380.7
	Dec 2017	561	9.1	1074.20	9536	274	427.62	877.9	214.5	57	382.4

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2016 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 2015	660	10.7	642.98	1698	141	141.44	163.2	82.8	64	125.4
H Feb 2015	625	11.3	641.43	1656	-42	140.07	188.7	79.9	74	127.8
I Mar 2015	963	15.7	642.78	1693	37	139.75	229.5	123.2	90	128.0
S Apr 2015	1022	17.2	643.88	1723	30	141.00	255.0	129.5	100	126.8
T May 2015	854	13.9	643.30	1707	-16	141.92	252.5	110.0	99	128.8
O Jun 2015	810	13.6	643.81	1721	14	144.85	255.0	104.6	100	129.1
R Jul 2015	762	12.4	642.57	1687	-34	140.97	255.0	98.4	100	129.1
I Aug 2015	775	12.6	642.12	1675	-12	142.40	255.0	99.2	100	127.9
C Sep 2015	758	12.7	639.56	1606	-69	137.76	255.0	95.5	100	126.0
WY 2015	8945							1122.4		
A Oct 2015	655	10.7	635.80	1507	-99	136.05	211.7	81.6	83	124.5
L Nov 2015	599	10.1	636.11	1514	8	136.53	165.8	72.5	65	121.0
* Dec 2015	527	8.6	638.77	1585	70	135.98	155.6	65.1	61	123.6
Jan 2016	575	9.4	641.50	1658	73	136.02	158.1	71.7	62	124.6
Feb 2016	641	11.1	642.00	1671	14	137.21	170.9	80.4	67	125.4
Mar 2016	929	15.1	643.05	1700	29	136.81	209.1	115.9	82	124.8
Apr 2016	1087	18.3	643.00	1699	-2	136.40	242.3	135.2	95	124.3
May 2016	974	15.8	643.00	1699	0	136.04	255.0	121.7	100	125.0
Jun 2016	885	14.9	642.00	1671	-27	135.51	255.0	110.5	100	124.9
Jul 2016	834	13.6	641.50	1658	-14	134.73	255.0	104.0	100	124.6
Aug 2016	729	11.9	641.50	1658	0	134.46	255.0	91.1	100	125.0
Sep 2016	764	12.8	640.01	1617	-40	133.68	255.0	94.7	100	124.0
WY 2016	9198							1144.3		
Oct 2016	703	11.4	633.00	1434	-183	129.77	234.6	84.8	92	120.6
Nov 2016	499	8.4	635.00	1486	51	128.06	204.0	59.6	80	119.5
Dec 2016	393	6.4	638.71	1583	97	130.45	224.4	48.3	88	122.9
Jan 2017	606	9.9	641.80	1666	83	135.03	191.3	75.5	75	124.6
Feb 2017	710	12.8	641.80	1666	0	137.09	176.0	88.7	69	124.9
Mar 2017	957	15.6	643.05	1700	34	135.44	255.0	119.3	100	124.6
Apr 2017	1063	17.9	643.00	1699	-2	136.07	255.0	132.3	100	124.4
May 2017	964	15.7	643.00	1699	0	136.04	255.0	120.6	100	125.1
Jun 2017	873	14.7	642.00	1671	-27	135.51	255.0	109.0	100	124.9
Jul 2017	824	13.4	641.50	1658	-14	134.73	255.0	102.7	100	124.7
Aug 2017	729	11.9	641.50	1658	0	134.46	255.0	91.1	100	125.0
Sep 2017	746	12.5	640.01	1617	-40	133.68	255.0	92.5	100	124.1
WY 2017	9067							1124.4		
Oct 2017	651	10.6	633.00	1434	-183	129.77	234.6	78.7	92	120.9
Nov 2017	548	9.2	635.00	1486	51	128.06	204.0	65.3	80	119.2
Dec 2017	442	7.2	638.71	1583	97	130.45	224.4	54.2	88	122.5

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2016 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 2015	348	5.7	448.22	584	35	82.97	93.6	24.3	78	69.7
H	Feb 2015	473	8.5	447.38	568	-16	81.70	94.8	33.2	79	70.2
I	Mar 2015	707	11.5	447.89	578	10	79.76	108.0	49.6	90	70.2
S	Apr 2015	752	12.6	448.09	582	4	80.20	120.0	52.5	100	69.8
T	May 2015	559	9.1	448.50	590	8	81.62	112.8	39.5	94	70.7
O	Jun 2015	615	10.3	448.89	597	7	79.48	120.0	43.6	100	70.8
R	Jul 2015	592	9.6	447.99	580	-17	81.75	120.0	41.8	100	70.7
I	Aug 2015	580	9.4	448.30	586	6	82.40	120.0	40.9	100	70.4
C	Sep 2015	487	8.2	448.04	581	-5	82.23	120.0	34.6	100	71.1
WY 2015		6135							430.7		
A	Oct 2015	458	7.5	447.88	578	-3	81.97	91.2	32.3	76	70.6
L	Nov 2015	385	6.5	447.57	572	-6	83.21	96.0	27.1	80	70.3
*	Dec 2015	321	5.2	446.92	560	-12	82.51	120.0	21.9	100	68.4
	Jan 2016	348	5.7	446.50	552	-8	75.22	96.0	22.3	80	64.1
	Feb 2016	488	8.5	447.00	561	9	75.38	93.6	32.0	78	65.6
	Mar 2016	722	11.7	446.70	555	-6	74.26	120.0	47.0	100	65.2
	Apr 2016	780	13.1	448.70	593	38	75.08	120.0	51.5	100	66.0
	May 2016	686	11.2	448.70	593	0	76.05	120.0	45.6	100	66.4
	Jun 2016	696	11.7	448.70	593	0	76.05	120.0	46.3	100	66.5
	Jul 2016	677	11.0	448.00	580	-13	75.71	120.0	44.8	100	66.1
	Aug 2016	566	9.2	447.50	571	-9	75.13	120.0	37.0	100	65.3
	Sep 2016	523	8.8	447.50	570	0	74.89	120.0	34.0	100	65.0
WY 2016		6650							441.8		
	Oct 2016	475	7.7	447.50	571	0	75.74	100.8	31.1	84	65.5
	Nov 2016	381	6.4	447.50	571	0	75.92	97.2	24.7	81	65.0
	Dec 2016	284	4.6	446.50	552	-19	74.40	120.0	17.7	100	62.6
	Jan 2017	379	6.2	446.50	552	0	75.13	93.6	24.4	78	64.4
	Feb 2017	492	8.9	446.50	552	0	74.71	102.0	32.0	85	65.1
	Mar 2017	722	11.7	446.70	555	4	74.01	120.0	46.9	100	65.0
	Apr 2017	768	12.9	448.70	593	38	75.08	120.0	50.6	100	66.0
	May 2017	687	11.2	448.70	593	0	76.05	120.0	45.6	100	66.4
	Jun 2017	694	11.7	448.70	593	0	76.05	120.0	46.2	100	66.5
	Jul 2017	666	10.8	448.00	580	-13	75.71	120.0	44.0	100	66.1
	Aug 2017	564	9.2	447.50	571	-9	75.13	120.0	36.8	100	65.3
	Sep 2017	513	8.6	447.50	570	0	74.89	120.0	33.4	100	65.0
WY 2017		6625							433.7		
	Oct 2017	469	7.6	447.50	571	0	75.74	100.8	30.7	84	65.4
	Nov 2017	375	6.3	447.50	571	0	75.92	97.2	24.4	81	65.0
	Dec 2017	283	4.6	446.50	552	-19	74.40	120.0	17.7	100	62.6

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2016 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 2015	373	48	16	20	10	6
H Feb 2015	254	44	8	10	2	5
I Mar 2015	278	48	7	9	5	6
Winter 2015	1827	250	72	83	46	37
S Apr 2015	256	28	13	17	11	7
T May 2015	299	65	21	30	18	8
O Jun 2015	348	40	38	67	21	9
R Jul 2015	471	42	41	53	22	8
I Aug 2015	357	42	32	38	21	7
C Sep 2015	317	40	28	37	18	0
Summer 2015	2049	256	173	241	111	39
A Oct 2015	264	52	26	32	0	4
L Nov 2015	256	52	13	15	0	4
* Dec 2015	378	53	18	16	7	4
Jan 2016	353	49	20	25	12	5
Feb 2016	272	34	12	15	8	4
Mar 2016	252	18	10	13	7	4
Winter 2016	1776	259	98	116	35	25
Apr 2016	258	17	13	19	11	4
May 2016	275	40	43	60	23	5
Jun 2016	322	55	14	24	17	8
Jul 2016	387	30	30	37	20	9
Aug 2016	365	30	39	46	23	7
Sep 2016	282	29	37	45	22	6
Summer 2016	1888	201	177	231	117	40
Oct 2016	241	30	16	20	11	6
Nov 2016	240	29	7	9	5	6
Dec 2016	318	30	34	41	21	6
Jan 2017	316	30	22	28	14	5
Feb 2017	255	27	13	17	9	4
Mar 2017	254	30	9	13	7	4
Winter 2017	1624	174	101	129	67	31
Apr 2017	235	29	12	19	11	5
May 2017	259	51	42	60	23	7
Jun 2017	329	70	18	29	20	9
Jul 2017	416	41	35	42	23	10
Aug 2017	435	41	38	45	23	10
Sep 2017	329	39	37	44	22	7
Summer 2017	2002	271	182	239	122	46
Oct 2017	246	41	18	22	12	7
Nov 2017	245	39	9	11	6	6
Dec 2017	326	40	33	41	20	6

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2016 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 ****																			
Jan 2016	670	205	299	12495	13670	17290	30960	670	205	299	1174	12495	17290	30960	5350	671	0	29.4	
Jan 2016	670	205	299	12495	13670	17290	30960	194	205	204	603	12495	17290	30389	5350	671	0	29.4	
Feb 2016	766	249	308	12916	14238	17044	31282	290	249	212	751	12916	17044	30710	1500	677	0	29.2	
Mar 2016	824	267	311	13196	14597	16983	31580	346	267	214	828	13196	16983	31006	1500	986	0	28.8	
Apr 2016	792	264	272	13326	14653	17283	31937	309	264	169	742	13326	17283	31350	1500	1121	0	28.7	
May 2016	737	239	176	13278	14430	17695	32124	247	239	50	536	13278	17695	31508	1500	1011	0	29.6	
Jun 2016	691	212	176	12148	13227	18009	31236	192	206	13	411	12148	18009	30567	1500	900	0	31.0	
Jul 2016	569	30	242	10871	11713	18155	29867	59	3	25	87	10871	18155	29112	1500	860	0	30.9	
								**** CREDITABLE SPACE ****											
Aug 2016	528	27	274	10988	11816	18093	29909	528	27	274	829	10988	18093	29909	1500	762	0	30.5	
Sep 2016	558	91	303	11397	12350	17932	30282	558	91	303	953	11397	17932	30282	2270	748	0	30.0	
Oct 2016	606	165	309	11654	12734	17941	30675	606	165	309	1080	11654	17941	30675	3040	533	0	29.7	
Nov 2016	645	172	303	11785	12905	17880	30785	645	172	303	1120	11785	17880	30785	3810	571	0	29.6	
Dec 2016	680	162	303	11943	13089	17856	30946	680	162	303	1146	11943	17856	30946	4580	512	0	29.6	
Jan 2017	729	248	308	12249	13534	17537	31071	729	248	308	1286	12249	17537	31071	5350	712	0	29.4	
								**** EFFECTIVE SPACE ****											
Jan 2017	729	248	308	12249	13534	17537	31071	407	248	193	848	12249	17537	30634	5350	712	0	29.4	
Feb 2017	772	297	316	12575	13960	17422	31382	448	297	200	945	12575	17422	30942	1500	733	0	29.1	
Mar 2017	804	319	312	12779	14214	17460	31674	477	319	195	991	12779	17460	31230	1500	1020	0	28.8	
Apr 2017	788	314	264	12854	14219	17792	32011	456	314	140	910	12854	17792	31556	1500	1097	0	28.7	
May 2017	740	282	191	12626	13839	18243	32082	402	282	45	729	12626	18243	31598	1500	1001	0	29.9	
Jun 2017	646	213	203	11251	12313	18593	30906	297	208	19	525	11251	18593	30368	1500	888	0	31.4	
Jul 2017	463	33	279	9871	10646	18729	29375	99	7	42	149	9871	18729	28748	1500	849	0	31.6	
								**** CREDITABLE SPACE ****											
Aug 2017	382	27	294	9919	10622	18611	29234	382	27	294	703	9919	18611	29234	1500	762	0	31.3	
Sep 2017	419	77	306	10384	11186	18311	29498	419	77	306	802	10384	18311	29498	2270	729	0	30.9	
Oct 2017	482	151	309	10661	11604	18206	29810	482	151	309	943	10661	18206	29810	3040	481	0	30.7	
Nov 2017	541	166	299	10719	11726	18094	29820	541	166	299	1007	10719	18094	29820	3810	621	0	30.6	
Dec 2017	600	164	299	10828	11890	18115	30006	600	164	299	1063	10828	18115	30006	4580	561	0	30.5	

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