

May 24-Month Study
Date: May 13, 2016

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

Current Reservoir Status

Reservoir	April Inflow (unregulated) (acre-feet)	Percent of Average (%)	May 10, Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	91,000	107	6485.91	201,000
Flaming Gorge	140,000	105	6028.07	3,275,000
Blue Mesa	75,000	97	7489.91	581,000
Navajo	120,000	70	6072.36	1,514,000
Powell	814,000	77	3593.12	11,105,000

Expected Operations

The operation of Lake Powell and Lake Mead in this May 2016 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 2016 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2015 24-Month Study projections of the January 1, 2016, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2016.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2016 is the Upper Elevation Balancing Tier. The April 2016 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet and the end of water year elevation at Lake Mead to be below elevation 1,075.0 feet. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations shifted to “balancing releases” for the remainder of water year 2016. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 million acre-feet (maf) and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this May 24-Month Study projects a balancing release of 9.0 maf in water year 2016; the actual release in water year 2016, however, will depend on hydrology in the remainder of the water year and will range from 8.23 to 9.0 maf. The projected release from Lake Powell in water year 2016 will be updated each month throughout the remainder of the water year.

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 2016.

The Interim Guidelines are available for download at:

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

The 2016 AOP is available for download at:

<http://www.usbr.gov/lc/region/g4000/aop/AOP16.pdf>.

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6483 ft, which amounts to 57 percent of live storage capacity. Inflows for the month of April totaled 91,000 acre-feet (af), or 107 percent of average. Significant storm activity in the Upper Green River has increased the forecast and this will be seen in the June 24-Month Study.

The Colorado Basin River Forecast Center has forecasted spring inflows that are below average. May, June and July forecasted inflow volumes amount to 110,000 af (67 percent of average), 215,000 af (72 percent of average), and 114,000 af (64 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., August 23, 2016. The meeting will be held at the Joint Powers Water Board offices 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 steady minimum releases of 800 cubic feet per second (cfs). The May unregulated inflow forecast into Flaming Gorge for the April-July period has improved and is currently at 79 percent of average. This is on the cusp between the moderately dry and average hydrologic conditions of the Record of Decision and the average (below median) hydrologic condition on the Larval Trigger Study Plan. Reclamation will operate Flaming Gorge under the average (below median) hydrologic classification.

It is anticipated that releases will remain at 800 cfs until the beginning of spring runoff sometime in late May or June. Base flow releases are subject to observed hydrology and all projections may change.

Unregulated inflow into Flaming Gorge Reservoir during the month of April was 140,000 af, or 105 percent of average. The reservoir elevation is 6,027.31 ft and increasing.

The May final forecast for inflows for the next three months projects below average: with May, June and July forecasted inflow volumes at 175,000 af (71 percent of average), 300,000 af (77 percent of average), and 155,000 af (74 percent of average), respectively. However, significant storm activity in the Upper Green River has increased the forecast and this will be seen in the June 24-Month Study.

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 Tuesday, August 25, 2016, at 11:00 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 1500 cfs with 850 cfs being diverted through the Gunnison Tunnel and approximately 850 cfs flowing through the Black Canyon. The May forecast for the April-July period for Blue Mesa was increased from April to 525,000 af (78 percent of average). Under the Aspinall Record of Decision (ROD) the operational targets for the spring peak are in the average dry hydrologic classification which calls for a 10 day duration peak of 8,070 cfs at the Whitewater reach of the Gunnison River. In terms of the Black Canyon water right, the peak flow target in the Black Canyon, based on the May forecast, will be 3,349 cfs.

Crystal Dam operations will begin ramping up releases on May 11, 2016 to a maximum release of 4,100 cfs by May 15, 2016. On that day, Morrow Point releases will also be increased to fill the remaining space in Crystal Reservoir. By late afternoon on May 15, 2016, depending on side inflow conditions at Crystal Reservoir, spillway releases are anticipated to begin. These spillway releases will be controlled by releases from Morrow Point Dam to control peak releases in the Gunnison River to attempt achieve the ROD operational targets at Whitewater. These operations will exceed the Black Canyon water right peak flow target.

Inflows to Blue Mesa for the next three months are projected to be below average: with May, June and July forecasted inflow volumes of 155,000 af (74 percent of average), 210,000 af (80 percent of average) and 155,000 af (132 percent of average), respectively.

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

The next meeting of the Aspinall Unit Working Group will be held on Thursday August 18th at 1:00 pm at the Elk Creek Visitor Center at Blue Mesa Reservoir.

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 (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 April was 120,175 af, which was 71% of average. The reservoir elevation is 6070.8 ft and increasing.

Inflows for the next three months are projected to be below average: with May, June and July forecasted inflow volumes at 195,000 af (70% of average), 170,000 af (76% of average), and 35,000 af (53% of average), respectively. The most probable April through July forecast is for 515,000 af (71% of average). Under this forecast, a spring peak release of 5,000 cfs for 31 days is expected this year. The spring peak release will begin in mid-to-late May. Until the spring peak release begins, Navajo is expected to release 350 cfs.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Meeting is scheduled for August 23rd at 1pm at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell in April was 814 thousand acre-feet (kaf) (77 percent of average). The release volume from Glen Canyon Dam in April was 665 kaf. The end of April elevation and storage of Lake Powell were 3,592 ft (108 feet from full pool) and 11.01 maf (45% of full capacity), respectively. The reservoir reached a seasonal low elevation on April 15th near elevation 3591.14 feet. Since that time the reservoir has been increasing as the first of the spring runoff is now entering the reservoir.

Current Operations

The operating tier for water year 2016 was established in August 2015 as the Upper Elevation Balancing Tier. The April 2016 24-Month Study established that Lake Powell operations will be governed by balancing for the remainder of water year 2016. Under balancing, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from

Lake Powell. Based on the most probable inflow forecast, this May 24-Month Study projects a balancing release of 9.0 maf in water year 2016; the actual release in water year 2016, however, will depend on hydrology in the remainder of water year and will range from 8.23 to 9.0 maf. The projected release from Lake Powell in water year 2016 will be updated each month throughout the remainder of the water year. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2016.

In May, the release volume will be approximately 700 kaf, with fluctuations anticipated between about 8,000 cfs in the nighttime to about 14,000 cfs in the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for June is 800 kaf with daily fluctuations between approximately 9,000 cfs and 17,000 cfs. The expected release for July is 950 kaf with daily fluctuations between approximately 11,500 cfs and 19,500 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under normal system 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 typically maintains 30 mw (approximately 880 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 May 3, 2016, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 5.5 maf (77 percent of average based on the period 1981-2010). The forecast increased 200 kaf from what was forecasted in April. At this point in the season, there is still uncertainty regarding this year's water supply and the total inflow to Lake Powell. The spring runoff forecast ranges from a minimum probable of 3.85 maf (54 percent of average) to a maximum probable of 7.65 maf (107 percent of average). There is 10% chance that inflows could be higher than the maximum probable and a 10% chance they could be lower than the minimum probable.

As determined in the August 2015 24-Month Study, and documented in the 2016 Annual Operating Plan, Lake Powell's operations in water year 2016 will be governed by the Upper Elevation Balancing Tier. Because the April 2016 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet and the end of water year elevation at Lake Mead to be below elevation 1,075.0 feet, Lake Powell operations shifted to balancing (Section 6.B.4 of the 2007 Interim Guidelines) for the remainder of water year 2016. Under balancing, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but no more than 9.0 maf and no less than 8.23 maf shall be released from Lake Powell.

Based on the May most probable inflow forecast, the annual release volume from Lake Powell during water year 2016 is projected to be 9.0 maf. Under the minimum probable inflow scenario, the water year release is projected to be 9.0 maf. Under the maximum probable inflow scenario, the release is projected to be 9.0 maf. There is 10% chance that inflows will be lower than the current minimum probable forecast, potentially resulting in lower releases. If inflows are less than the minimum probable forecast, the water year 2016 annual release could be as low as 8.23 maf. If inflows are greater than the current forecasted maximum probable inflow, the annual release will be 9.0 maf. The projected release from Lake Powell in water year 2016 will be updated each month throughout the remainder of the water year.

Based on the current forecast, the May 24-Month Study projects Lake Powell elevation will end water year 2016 near 3,603 ft with approximately 12.06 maf in storage (50% capacity). Projections of elevation and storage still have significant uncertainty at this point in the season, primarily due to uncertainty regarding spring runoff and the resulting inflow to Lake Powell. Under the minimum probable inflow scenario, updated in April, the projected end of water year elevation and storage are 3585 ft and 10.35 maf (43% capacity), respectively. Under the maximum probable inflow scenario, updated in April, the projected end of water year elevation and storage are 3622 ft and 14.01 maf (58% capacity), respectively. Modeling of projected reservoir operations based on the minimum and maximum scenarios will be updated again in August.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 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 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 2015 unregulated inflow volume to Lake Powell was 10.174 maf (94 percent of average), which, though still below average, was significantly higher than inflows observed in 2012 and 2013 (45% and 47 percent of average, respectively). Under the current most probable forecast, total water year 2016

unregulated inflows to Lake Powell is projected to be 8.71 maf (80 percent of average), and ranges from a minimum probable inflow of 6.86 maf (63%) and maximum probable inflow of 11.13 maf (103%).

At the beginning of water year 2016, total system storage in the Colorado River Basin was 30.3 maf (51% of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water year 2015 which began at 30.1 maf (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 2014. 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 2016 total Colorado Basin reservoir storage is approximately 29.3 maf (49% of capacity). The actual end of water year storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and resulting reservoir inflow. Based on the April minimum and maximum probable inflow forecasts and modeling the range is approximately 27.6 maf (46%) to 31.4 maf (53%), 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				apr	Forecast		Outlook		
:	jan	feb	mar	apr	%Avg	may	jun	jul	apr-jul	%Avg
GLDA3:Lake Powell	300	396	553	814	77%:	1640/	2300/	750/	5500/:	77%
GBRW4:Fontenelle	32	34	50	91	107%:	110/	215/	114/	530/:	73%
GRNU1:Flaming Gorge	44	63	84	140	105%:	175/	300/	155/	770/:	79%
BMDC2:Blue Mesa	27	26	41	75	97%:	155/	210/	85/	525/:	78%
MPSC2:Morrow Point	27	27	43	82	93%:	173/	225/	90/	570/:	77%
CLSC2:Crystal	31	30	48	92	91%:	193/	250/	97/	632/:	76%
TPIC2:Taylor Park	5.6	4.2	4.8	9.1	104%:	21/	36/	16/	82/:	83%
VCRC2:Vallecito	6.4	7.1	13.5	25	107%:	54/	54/	22/	155/:	80%
NVRN5:Navajo	22	41	81	120	70%:	195/	170/	35/	520/:	71%
LEMC2:Lemon	0.97	1.10	2.5	5.0	89%:	15/	16/	4/	40/:	72%
MPHC2:McPhee	4.6	6.4	19.9	45	63%:	88/	65/	17/	215/:	73%
RBSC2:Ridgway	4.0	4.6	5.4	9.4	88%:	20/	41/	23/	93/:	92%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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)
* May 2015	223	2	104	4	108	6499.95	298
H Jun 2015	332	3	101	229	330	6499.84	297
I Jul 2015	126	3	91	17	108	6501.77	312
S Aug 2015	53	2	83	1	84	6497.37	279
T Sep 2015	37	2	0	61	61	6493.88	254
WY 2015	1210	16	930	324	1254		
O Oct 2015	46	1	46	15	61	6491.60	238
R Nov 2015	40	1	56	1	57	6489.03	221
I Dec 2015	36	1	58	0	58	6485.40	197
C Jan 2016	32	1	49	10	58	6480.71	170
A Feb 2016	34	0	55	0	55	6476.59	149
L Mar 2016	50	1	58	0	58	6474.73	140
* Apr 2016	91	1	56	0	56	6481.34	174
May 2016	110	1	90	0	90	6484.50	193
Jun 2016	215	2	89	0	89	6502.26	316
Jul 2016	114	3	92	0	92	6504.69	335
Aug 2016	50	2	82	0	82	6500.26	301
Sep 2016	36	2	67	0	67	6495.83	268
WY 2016	854	15	799	26	825		
Oct 2016	42	1	65	0	65	6492.36	244
Nov 2016	39	1	63	0	63	6488.65	220
Dec 2016	32	1	65	0	65	6483.37	186
Jan 2017	30	1	65	0	65	6476.92	151
Feb 2017	28	0	59	0	59	6470.10	120
Mar 2017	53	0	65	0	65	6467.01	107
Apr 2017	85	1	71	0	71	6470.28	120
May 2017	164	1	99	6	105	6482.04	178
Jun 2017	299	2	102	82	184	6498.92	291
Jul 2017	178	3	101	25	126	6505.24	340
Aug 2017	77	2	100	4	105	6501.37	309
Sep 2017	46	2	74	0	74	6497.39	280
WY 2017	1072	15	929	117	1046		
Oct 2017	49	1	68	0	68	6494.58	259
Nov 2017	42	1	65	0	65	6491.12	235
Dec 2017	32	1	68	0	68	6485.52	199
Jan 2018	30	1	68	0	68	6478.95	161
Feb 2018	28	0	61	0	61	6471.88	127
Mar 2018	53	0	68	0	68	6468.24	112
Apr 2018	85	1	89	0	89	6467.16	107

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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)
*	May 2015	333	218	8	169	57	226	129	6026.01	3198	652
H	Jun 2015	434	432	11	100	0	100	141	6034.01	3506	485
I	Jul 2015	157	140	14	104	0	104	142	6034.55	3528	195
S	Aug 2015	56	87	13	104	0	104	141	6033.81	3498	130
T	Sep 2015	39	62	11	100	1	101	139	6032.59	3450	127
	WY 2015	1562	1606	82	1293	58	1352				2856
O	Oct 2015	48	63	7	131	0	131	136	6030.73	3377	162
R	Nov 2015	38	55	4	131	0	131	133	6028.73	3300	176
I	Dec 2015	38	61	2	137	0	137	130	6026.75	3225	175
C	Jan 2016	44	71	2	134	0	134	127	6025.07	3163	211
A	Feb 2016	63	84	2	118	0	118	126	6024.11	3127	164
L	Mar 2016	84	93	3	51	0	51	127	6025.13	3165	131
*	Apr 2016	140	105	5	50	0	50	129	6026.43	3213	316
	May 2016	175	155	8	95	0	95	131	6027.76	3263	595
	Jun 2016	300	174	10	168	0	168	131	6027.65	3259	583
	Jul 2016	155	133	13	91	0	91	132	6028.39	3287	176
	Aug 2016	65	97	13	91	0	91	132	6028.23	3281	111
	Sep 2016	43	74	11	88	0	88	131	6027.60	3257	99
	WY 2016	1194	1164	80	1284	0	1285				2899
	Oct 2016	50	74	7	91	0	91	130	6026.98	3234	114
	Nov 2016	47	71	3	88	0	88	129	6026.46	3215	115
	Dec 2016	35	68	2	91	0	91	128	6025.83	3191	116
	Jan 2017	40	75	2	91	0	91	128	6025.37	3174	116
	Feb 2017	45	75	2	82	0	82	127	6025.15	3166	110
	Mar 2017	102	115	3	91	0	91	128	6025.69	3186	167
	Apr 2017	134	119	5	88	0	88	129	6026.39	3212	303
	May 2017	245	186	8	134	0	134	131	6027.51	3254	666
	Jun 2017	390	275	10	202	0	202	133	6029.09	3314	622
	Jul 2017	210	159	14	106	0	106	135	6030.07	3352	206
	Aug 2017	89	117	13	106	0	106	135	6030.02	3350	131
	Sep 2017	55	83	11	103	0	103	134	6029.24	3320	122
	WY 2017	1442	1416	80	1271	0	1271				2788
	Oct 2017	59	78	7	106	0	106	132	6028.35	3286	138
	Nov 2017	51	74	3	103	0	103	131	6027.55	3256	134
	Dec 2017	35	71	2	106	0	106	130	6026.60	3220	131
	Jan 2018	40	78	2	106	0	106	128	6025.82	3191	131
	Feb 2018	45	78	2	96	0	96	128	6025.31	3172	124
	Mar 2018	102	117	3	106	0	106	128	6025.52	3179	183
	Apr 2018	134	137	5	103	0	103	129	6026.29	3208	318

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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)
*	May 2015	19	10	9321.95	91
H	Jun 2015	62	50	9328.14	102
I	Jul 2015	21	28	9324.75	96
S	Aug 2015	9	22	9317.56	83
T	Sep 2015	7	18	9311.10	72
WY 2015		166	171		
O	Oct 2015	7	8	9310.71	71
R	Nov 2015	5	6	9310.40	71
I	Dec 2015	5	6	9309.95	70
C	Jan 2016	6	6	9309.87	70
A	Feb 2016	4	5	9309.07	68
L	Mar 2016	5	6	9308.44	67
*	Apr 2016	9	6	9310.70	71
	May 2016	21	11	9316.60	81
	Jun 2016	36	20	9325.38	97
	Jul 2016	16	22	9322.48	92
	Aug 2016	8	18	9317.22	82
	Sep 2016	6	15	9311.98	73
WY 2016		128	127		
	Oct 2016	6	10	9309.39	69
	Nov 2016	5	6	9308.61	68
	Dec 2016	5	6	9307.76	66
	Jan 2017	4	6	9306.68	65
	Feb 2017	4	6	9305.21	63
	Mar 2017	4	6	9304.14	61
	Apr 2017	9	6	9306.02	64
	May 2017	28	10	9317.25	82
	Jun 2017	42	18	9329.77	106
	Jul 2017	20	20	9329.84	106
	Aug 2017	10	20	9324.93	96
	Sep 2017	7	16	9320.33	88
WY 2017		144	130		
	Oct 2017	7	12	9317.36	82
	Nov 2017	5	6	9316.85	81
	Dec 2017	5	6	9316.09	80
	Jan 2018	4	6	9315.13	78
	Feb 2018	4	6	9313.83	76
	Mar 2018	4	6	9312.90	75
	Apr 2018	9	6	9314.54	77

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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)
*	May 2015	136	128	1	71	0	71	7498.96	653
H	Jun 2015	368	356	1	125	62	192	7517.76	815
I	Jul 2015	131	137	2	135	10	145	7516.74	806
S	Aug 2015	59	73	1	105	0	105	7512.97	772
T	Sep 2015	39	50	1	95	0	95	7507.65	726
	WY 2015	1042	1047	9	835	72	912		
O	Oct 2015	33	34	1	87	0	87	7501.39	673
R	Nov 2015	30	31	0	45	0	45	7499.64	658
I	Dec 2015	27	28	0	62	0	62	7495.46	624
C	Jan 2016	27	27	0	61	0	61	7491.12	590
A	Feb 2016	26	27	0	59	0	58	7487.04	559
L	Mar 2016	41	42	0	36	0	37	7487.62	563
*	Apr 2016	75	72	1	63	0	63	7488.62	571
	May 2016	155	145	1	155	0	155	7487.20	560
	Jun 2016	210	194	1	44	0	44	7505.62	708
	Jul 2016	85	91	1	80	0	80	7506.68	717
	Aug 2016	48	58	1	93	0	93	7502.34	681
	Sep 2016	36	45	1	84	0	84	7497.46	641
	WY 2016	794	793	9	868	0	869		
	Oct 2016	37	41	1	77	0	77	7492.91	604
	Nov 2016	31	32	0	26	0	26	7493.61	610
	Dec 2016	26	27	0	47	0	47	7491.04	589
	Jan 2017	24	26	0	47	0	47	7488.31	568
	Feb 2017	22	25	0	22	0	22	7488.62	571
	Mar 2017	36	38	0	26	0	26	7490.05	582
	Apr 2017	77	74	1	53	0	53	7492.68	602
	May 2017	221	203	1	206	33	239	7487.90	565
	Jun 2017	261	237	1	68	0	68	7508.52	733
	Jul 2017	117	117	2	81	0	81	7512.45	767
	Aug 2017	63	73	1	88	0	88	7510.62	751
	Sep 2017	38	47	1	87	0	87	7505.81	710
	WY 2017	953	939	9	828	33	861		
	Oct 2017	38	44	1	75	0	75	7502.01	678
	Nov 2017	31	32	0	57	0	57	7498.95	653
	Dec 2017	26	27	0	91	0	91	7490.91	588
	Jan 2018	24	26	0	37	0	37	7489.47	577
	Feb 2018	22	25	0	31	0	31	7488.62	571
	Mar 2018	36	38	0	38	0	38	7488.51	570
	Apr 2018	77	74	1	63	0	63	7489.88	580

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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)
*	May 2015	151	71	15	86	84	0	84	7153.24	112
H	Jun 2015	388	192	20	212	188	0	211	7154.42	113
I	Jul 2015	135	145	3	148	148	0	148	7154.93	113
S	Aug 2015	60	105	0	105	106	0	106	7153.74	112
T	Sep 2015	39	95	0	95	103	0	103	7143.98	104
	WY 2015	1095	912	53	965	926	0	972		
O	Oct 2015	34	87	0	87	93	0	93	7135.56	98
R	Nov 2015	31	45	1	46	47	0	47	7133.97	97
I	Dec 2015	28	62	1	62	46	0	47	7154.01	112
C	Jan 2016	27	61	1	62	64	0	64	7150.69	110
A	Feb 2016	27	58	1	60	61	0	61	7148.82	108
L	Mar 2016	43	37	2	39	36	0	36	7152.74	111
*	Apr 2016	83	63	7	71	71	0	71	7152.57	111
	May 2016	173	155	18	173	172	0	172	7153.73	112
	Jun 2016	225	44	15	59	59	0	59	7153.73	112
	Jul 2016	90	80	5	85	85	0	85	7153.73	112
	Aug 2016	52	93	4	97	97	0	97	7153.73	112
	Sep 2016	38	84	2	86	86	0	86	7153.73	112
	WY 2016	851	869	57	926	917	0	918		
	Oct 2016	39	77	2	79	79	0	79	7153.73	112
	Nov 2016	33	26	2	28	28	0	28	7153.73	112
	Dec 2016	28	47	2	49	49	0	49	7153.73	112
	Jan 2017	27	47	2	49	49	0	49	7153.73	112
	Feb 2017	25	22	3	25	25	0	25	7153.73	112
	Mar 2017	40	26	4	30	30	0	30	7153.73	112
	Apr 2017	88	53	11	64	64	0	64	7153.73	112
	May 2017	247	239	26	265	265	0	265	7153.73	112
	Jun 2017	281	68	20	88	88	0	88	7153.73	112
	Jul 2017	123	81	6	87	87	0	87	7153.73	112
	Aug 2017	67	88	3	91	91	0	91	7153.73	112
	Sep 2017	41	87	3	90	90	0	90	7153.73	112
	WY 2017	1038	861	84	945	945	0	945		
	Oct 2017	41	75	3	78	78	0	78	7153.73	112
	Nov 2017	33	57	2	59	59	0	59	7153.73	112
	Dec 2017	28	91	2	93	93	0	93	7153.73	112
	Jan 2018	27	37	2	39	39	0	39	7153.73	112
	Feb 2018	25	31	3	34	34	0	34	7153.73	112
	Mar 2018	40	38	4	42	42	0	42	7153.73	112
	Apr 2018	88	63	11	74	74	0	74	7153.73	112

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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)
*	May 2015	164	84	13	97	90	6	96	6752.09	17	62	36
H	Jun 2015	429	211	41	253	110	78	252	6755.80	18	55	209
I	Jul 2015	143	148	9	156	114	44	158	6751.21	16	65	96
S	Aug 2015	63	106	4	110	110	0	111	6749.17	16	65	47
T	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
O	Oct 2015	37	93	3	96	0	94	94	6750.81	16	51	44
R	Nov 2015	34	47	3	50	0	50	50	6750.12	16	0	51
I	Dec 2015	32	47	4	51	40	12	52	6747.07	15	1	53
C	Jan 2016	31	64	4	68	67	0	68	6748.20	16	1	69
A	Feb 2016	30	61	3	64	63	0	63	6752.48	17	0	65
L	Mar 2016	48	36	5	41	41	0	41	6752.32	17	2	41
*	Apr 2016	92	71	9	80	80	0	80	6751.41	16	47	35
	May 2016	193	172	20	192	135	57	192	6753.04	17	55	137
	Jun 2016	250	59	25	84	84	0	84	6753.04	17	60	24
	Jul 2016	97	85	7	92	92	0	92	6753.04	17	65	27
	Aug 2016	57	97	5	102	102	0	102	6753.04	17	65	37
	Sep 2016	45	86	7	93	93	0	93	6753.04	17	55	38
	WY 2016	946	918	95	1013	798	213	1011			404	621
	Oct 2016	46	79	7	86	86	0	86	6753.04	17	30	56
	Nov 2016	38	28	5	33	33	0	33	6753.04	17	0	33
	Dec 2016	32	49	5	54	54	0	54	6753.04	17	0	54
	Jan 2017	31	49	5	54	54	0	54	6753.04	17	0	54
	Feb 2017	29	25	4	28	28	0	28	6753.04	17	0	28
	Mar 2017	46	30	6	36	36	0	36	6753.04	17	5	31
	Apr 2017	101	64	12	77	77	0	77	6753.04	17	30	47
	May 2017	281	265	34	299	134	165	299	6753.04	17	55	244
	Jun 2017	315	88	34	122	122	0	122	6753.04	17	60	62
	Jul 2017	138	87	14	102	102	0	102	6753.04	17	65	37
	Aug 2017	75	91	8	100	100	0	100	6753.04	17	65	35
	Sep 2017	47	90	6	96	96	0	96	6753.04	17	55	41
	WY 2017	1178	945	140	1086	921	165	1086			365	721
	Oct 2017	47	78	6	84	84	0	84	6753.04	17	30	54
	Nov 2017	38	59	5	64	64	0	64	6753.04	17	0	64
	Dec 2017	32	93	5	98	98	0	98	6753.04	17	0	98
	Jan 2018	31	39	5	44	44	0	44	6753.04	17	0	44
	Feb 2018	29	34	4	37	37	0	37	6753.04	17	0	37
	Mar 2018	46	42	6	48	48	0	48	6753.04	17	5	43
	Apr 2018	101	74	12	87	87	0	87	6753.04	17	30	57

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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)
*	May 2015	43	31	7662.94	120
H	Jun 2015	106	103	7664.05	123
I	Jul 2015	37	42	7661.73	117
S	Aug 2015	13	35	7652.83	94
T	Sep 2015	11	29	7645.08	75
WY 2015		294	285		
O	Oct 2015	17	15	7645.65	77
R	Nov 2015	11	5	7648.25	83
I	Dec 2015	7	4	7649.57	86
C	Jan 2016	6	7	7649.21	85
A	Feb 2016	7	6	7649.77	86
L	Mar 2016	14	6	7652.71	94
*	Apr 2016	25	13	7657.23	105
	May 2016	54	35	7664.10	123
	Jun 2016	54	54	7663.82	122
	Jul 2016	22	41	7656.15	102
	Aug 2016	16	38	7647.07	80
	Sep 2016	13	29	7639.61	63
WY 2016		245	254		
	Oct 2016	13	17	7637.83	60
	Nov 2016	8	4	7639.91	64
	Dec 2016	6	4	7641.12	67
	Jan 2017	5	4	7641.87	68
	Feb 2017	5	3	7642.47	70
	Mar 2017	9	4	7644.59	74
	Apr 2017	23	4	7652.81	94
	May 2017	71	42	7664.10	123
	Jun 2017	70	70	7664.10	123
	Jul 2017	29	42	7659.12	110
	Aug 2017	20	38	7651.80	91
	Sep 2017	17	30	7646.55	79
WY 2017		277	259		
	Oct 2017	16	17	7645.78	77
	Nov 2017	9	4	7647.97	82
	Dec 2017	6	4	7649.06	85
	Jan 2018	5	4	7649.74	86
	Feb 2018	5	3	7650.29	88
	Mar 2018	9	4	7652.23	92
	Apr 2018	23	4	7659.88	112

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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)
*	May 2015	178	24	144	3	23	21	6053.44	1267	95
H	Jun 2015	285	38	241	4	20	21	6068.60	1461	255
I	Jul 2015	76	9	72	5	39	27	6068.68	1462	93
S	Aug 2015	15	1	36	4	33	42	6065.47	1419	63
T	Sep 2015	15	0	33	3	25	33	6063.41	1392	48
WY 2015		900	90	797	27	170	289			890
O	Oct 2015	42	1	40	2	9	29	6063.43	1392	55
R	Nov 2015	37	1	30	1	0	21	6064.00	1400	39
I	Dec 2015	23	0	19	1	0	21	6063.81	1397	34
C	Jan 2016	22	0	23	1	0	22	6063.77	1396	34
A	Feb 2016	41	2	38	1	1	28	6064.39	1405	43
L	Mar 2016	81	7	67	2	4	25	6067.08	1441	52
*	Apr 2016	119	13	95	3	19	23	6070.75	1491	59
	May 2016	195	27	150	4	31	86	6072.80	1520	191
	Jun 2016	170	27	144	4	49	289	6057.85	1321	405
	Jul 2016	35	5	50	4	53	48	6053.34	1265	98
	Aug 2016	28	1	49	3	44	23	6051.50	1243	54
	Sep 2016	31	1	46	3	24	22	6051.29	1241	47
WY 2016		824	84	750	28	236	638			1113
	Oct 2016	38	1	40	2	9	23	6051.88	1248	47
	Nov 2016	30	0	25	1	0	22	6052.05	1250	39
	Dec 2016	25	0	22	1	0	23	6051.94	1249	38
	Jan 2017	22	0	20	1	0	23	6051.65	1245	37
	Feb 2017	30	0	29	1	0	21	6052.25	1252	33
	Mar 2017	92	2	86	2	5	23	6056.84	1308	45
	Apr 2017	170	14	136	2	20	22	6063.99	1399	75
	May 2017	277	40	207	4	34	77	6070.82	1492	223
	Jun 2017	224	34	189	4	50	297	6058.54	1329	449
	Jul 2017	66	7	71	4	55	95	6051.75	1246	163
	Aug 2017	45	1	62	3	46	23	6050.82	1235	62
	Sep 2017	43	1	55	3	26	22	6051.17	1239	55
WY 2017		1063	102	943	27	245	672			1265
	Oct 2017	47	2	47	2	9	23	6052.24	1252	51
	Nov 2017	34	1	28	1	0	22	6052.60	1256	40
	Dec 2017	25	0	22	1	0	23	6052.49	1255	38
	Jan 2018	22	0	20	1	0	23	6052.20	1252	37
	Feb 2018	30	0	29	1	0	21	6052.80	1259	33
	Mar 2018	92	2	85	2	5	23	6057.34	1314	45
	Apr 2018	170	15	136	3	21	22	6064.41	1405	75

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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)
* May 2015	1613	1431	25	699	0	699	3597.27	4973	11491	708
H Jun 2015	3389	2570	44	800	0	800	3613.54	5101	13090	801
I Jul 2015	1072	1002	55	1048	0	1048	3612.62	5093	12996	1076
S Aug 2015	313	466	54	799	0	799	3609.07	5065	12637	814
T Sep 2015	276	435	49	714	0	714	3606.01	5040	12333	726
WY 2015	10174	9419	368	8868	132	9000				9136
O Oct 2015	535	680	34	600	0	600	3606.44	5044	12375	609
R Nov 2015	421	506	32	577	0	577	3605.47	5036	12280	583
I Dec 2015	266	393	26	857	0	857	3600.80	5000	11827	863
C Jan 2016	300	433	8	857	0	857	3596.58	4968	11427	865
A Feb 2016	396	490	8	700	0	700	3594.41	4952	11224	704
L Mar 2016	553	486	14	694	0	694	3592.18	4935	11019	707
* Apr 2016	814	681	22	665	0	665	3592.12	4935	11014	681
May 2016	1640	1508	26	699	0	699	3599.88	4993	11738	707
Jun 2016	2300	2197	44	800	0	800	3612.58	5093	12991	807
Jul 2016	750	751	54	950	0	950	3610.27	5074	12757	966
Aug 2016	380	491	53	900	0	900	3605.97	5040	12329	915
Sep 2016	350	459	48	700	0	700	3603.24	5019	12062	713
WY 2016	8706	9075	368	9000	0	9000				9121
Oct 2016	464	539	33	600	0	600	3602.34	5012	11975	609
Nov 2016	450	479	32	600	0	600	3600.87	5000	11833	604
Dec 2016	363	438	25	800	0	800	3597.09	4972	11475	803
Jan 2017	361	435	8	800	0	800	3593.39	4944	11130	807
Feb 2017	393	421	8	650	0	650	3590.99	4927	10911	654
Mar 2017	665	581	13	650	0	650	3590.16	4920	10835	655
Apr 2017	1056	872	21	600	0	600	3592.70	4939	11067	609
May 2017	2343	2124	27	650	0	650	3606.76	5046	12407	658
Jun 2017	2666	2443	46	800	0	800	3621.15	5165	13885	807
Jul 2017	1091	1042	58	1000	0	1000	3621.01	5163	13871	1016
Aug 2017	500	568	57	1050	0	1050	3616.27	5123	13371	1065
Sep 2017	408	510	51	800	0	800	3613.20	5098	13056	813
WY 2017	10760	10452	379	9000	0	9000				9102
Oct 2017	512	583	35	600	0	600	3612.73	5094	13007	609
Nov 2017	473	540	34	600	0	600	3611.88	5087	12920	604
Dec 2017	363	497	27	800	0	800	3608.85	5063	12615	803
Jan 2018	361	441	8	800	0	800	3605.42	5036	12275	807
Feb 2018	393	444	9	650	0	650	3603.38	5020	12076	654
Mar 2018	665	609	15	650	0	650	3602.85	5016	12024	655
Apr 2018	1056	898	24	600	0	600	3605.45	5036	12278	609

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 2016 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)
* May 2015	699	25	43	871	14.2	25	862	632	1076.57	9729
H Jun 2015	800	16	52	868	14.6	25	868	624	1075.08	9607
I Jul 2015	1048	80	65	767	12.5	28	766	641	1078.15	9858
S Aug 2015	799	114	70	803	13.1	27	802	642	1078.31	9871
T Sep 2015	714	72	58	723	12.1	24	722	641	1078.10	9854
WY 2015	9000	722	540	9246		221	9215			
O Oct 2015	600	118	42	578	9.4	20	577	645	1078.99	9927
R Nov 2015	577	41	42	631	10.6	12	630	641	1078.23	9865
I Dec 2015	857	43	36	619	10.1	9	618	656	1080.91	10087
C Jan 2016	857	89	30	662	10.8	8	661	671	1083.68	10318
A Feb 2016	700	81	28	699	12.2	10	698	673	1084.17	10360
L Mar 2016	694	31	31	1008	16.4	18	1007	653	1080.45	10048
* Apr 2016	665	69	38	1055	17.7	19	1055	630	1076.13	9693
May 2016	699	37	43	937	15.2	29	937	613	1072.96	9436
Jun 2016	800	21	51	912	15.3	27	912	603	1070.98	9278
Jul 2016	950	78	64	818	13.3	27	818	610	1072.38	9390
Aug 2016	900	124	69	753	12.2	24	753	621	1074.46	9557
Sep 2016	700	112	57	741	12.5	18	741	621	1074.41	9553
WY 2016	9000	844	531	9414		220	9407			
Oct 2016	600	69	41	528	8.6	21	528	626	1075.32	9627
Nov 2016	600	56	41	593	10.0	12	593	626	1075.44	9637
Dec 2016	800	54	36	544	8.8	7	544	643	1078.51	9888
Jan 2017	800	62	30	729	11.9	8	729	649	1079.60	9977
Feb 2017	650	73	27	728	13.1	7	728	646	1079.15	9940
Mar 2017	650	55	30	1034	16.8	15	1034	623	1074.85	9589
Apr 2017	600	53	37	1097	18.4	21	1097	593	1068.97	9118
May 2017	650	37	41	990	16.1	29	990	570	1064.49	8767
Jun 2017	800	21	49	884	14.9	29	884	561	1062.77	8634
Jul 2017	1000	78	62	840	13.7	31	840	570	1064.54	8771
Aug 2017	1050	124	66	760	12.4	29	760	590	1068.38	9071
Sep 2017	800	112	55	727	12.2	16	727	597	1069.73	9178
WY 2017	9000	795	517	9454		223	9454			
Oct 2017	600	69	41	481	7.8	20	481	604	1071.23	9297
Nov 2017	600	56	41	619	10.4	11	619	603	1071.06	9284
Dec 2017	800	54	35	570	9.3	7	570	618	1073.89	9511
Jan 2018	800	62	29	691	11.2	15	691	626	1075.35	9630
Feb 2018	650	73	27	662	11.9	18	662	627	1075.53	9644
Mar 2018	650	55	30	1006	16.4	24	1006	605	1071.40	9311
Apr 2018	600	53	36	1055	17.7	28	1055	577	1065.86	8873

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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)
* May 2015	871	-10	22	854	0	854	13.9	643.30	1707
H Jun 2015	868	-19	26	810	0	810	13.6	643.81	1721
I Jul 2015	767	-14	25	762	0	762	12.4	642.57	1687
S Aug 2015	803	-16	23	775	0	775	12.6	642.12	1675
T Sep 2015	723	-16	18	758	0	758	12.7	639.56	1606
WY 2015	9246	-142	198	8945	0	8945			
O Oct 2015	578	-7	15	655	0	655	10.7	635.80	1507
R Nov 2015	631	-14	10	599	0	599	10.1	636.11	1514
I Dec 2015	619	-13	9	527	0	527	8.6	638.77	1585
C Jan 2016	662	-32	10	553	0	553	9.0	641.26	1651
A Feb 2016	699	-20	10	675	0	675	11.7	641.04	1645
L Mar 2016	1008	-16	13	921	0	921	15.0	643.17	1703
* Apr 2016	1055	-18	17	979	0	979	16.4	644.70	1746
May 2016	937	-13	22	949	0	949	15.4	643.00	1699
Jun 2016	912	-16	25	870	0	870	14.6	643.00	1699
Jul 2016	818	-13	25	820	0	820	13.3	641.50	1658
Aug 2016	753	-11	23	719	0	719	11.7	641.50	1658
Sep 2016	741	-9	18	755	0	755	12.7	640.01	1617
WY 2016	9414	-182	197	9022	0	9022			
Oct 2016	528	-1	15	695	0	695	11.3	633.00	1434
Nov 2016	593	-8	10	523	0	523	8.8	635.00	1486
Dec 2016	544	-12	9	426	0	426	6.9	638.71	1583
Jan 2017	729	-14	10	622	0	622	10.1	641.80	1666
Feb 2017	728	-14	10	705	0	705	12.7	641.80	1666
Mar 2017	1034	-16	13	971	0	971	15.8	643.05	1700
Apr 2017	1097	-19	17	1063	0	1063	17.9	643.00	1699
May 2017	990	-13	22	955	0	955	15.5	643.00	1699
Jun 2017	884	-16	25	869	0	869	14.6	642.00	1671
Jul 2017	840	-13	25	815	0	815	13.2	641.50	1658
Aug 2017	760	-11	23	726	0	726	11.8	641.50	1658
Sep 2017	727	-9	18	741	0	741	12.4	640.01	1617
WY 2017	9454	-146	197	9110	0	9110			
Oct 2017	481	-1	15	648	0	648	10.5	633.00	1434
Nov 2017	619	-8	10	550	0	550	9.2	635.00	1486
Dec 2017	570	-12	9	452	0	452	7.3	638.71	1583
Jan 2018	691	-14	10	584	0	584	9.5	641.80	1666
Feb 2018	662	-14	10	639	0	639	11.5	641.80	1666
Mar 2018	1006	-16	13	943	0	943	15.3	643.05	1700
Apr 2018	1055	-19	17	1021	0	1021	17.2	643.00	1699

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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)
*	May 2015	854	21	13	559	9.1	108	177	448.50	590	113	1.8
H	Jun 2015	810	19	16	615	10.3	104	77	448.89	597	109	1.8
I	Jul 2015	762	18	17	592	9.6	107	70	447.99	580	107	1.7
S	Aug 2015	775	16	17	580	9.4	107	70	448.30	586	93	1.5
T	Sep 2015	758	19	15	487	8.2	104	168	448.04	581	90	1.5
WY 2015		8945	179	140	6135		1195	1566			1510	
O	Oct 2015	655	34	12	458	7.5	101	115	447.88	578	59	1.0
R	Nov 2015	599	11	9	385	6.5	98	120	447.57	572	93	1.6
I	Dec 2015	527	22	7	321	5.2	101	130	446.92	560	105	1.7
C	Jan 2016	553	26	6	324	5.3	97	156	446.60	554	154	2.5
A	Feb 2016	675	10	8	543	9.4	13	117	446.50	552	180	3.1
L	Mar 2016	921	19	9	695	11.3	89	123	447.40	569	221	3.6
*	Apr 2016	979	19	11	689	11.6	93	169	448.89	597	202	3.4
	May 2016	949	16	13	668	10.9	99	180	448.50	590	97	1.6
	Jun 2016	870	14	15	682	11.5	96	76	448.50	590	89	1.5
	Jul 2016	820	29	17	660	10.7	99	69	448.00	580	92	1.5
	Aug 2016	719	26	17	556	9.0	99	69	447.50	571	94	1.5
	Sep 2016	755	23	15	517	8.7	96	140	447.50	570	89	1.5
WY 2016		9022	249	140	6498		1080	1464			1476	
	Oct 2016	695	27	12	469	7.6	99	135	447.50	571	65	1.1
	Nov 2016	523	22	9	374	6.3	59	97	447.50	571	103	1.7
	Dec 2016	426	19	7	288	4.7	62	102	446.50	552	115	1.9
	Jan 2017	622	13	6	388	6.3	82	154	446.50	552	154	2.5
	Feb 2017	705	12	8	485	8.7	73	143	446.50	552	180	3.2
	Mar 2017	971	4	9	724	11.8	82	150	446.70	555	206	3.4
	Apr 2017	1063	19	11	761	12.8	79	182	448.70	593	192	3.2
	May 2017	955	16	13	675	11.0	82	189	448.70	593	97	1.6
	Jun 2017	869	14	16	688	11.6	79	86	448.70	593	98	1.6
	Jul 2017	815	29	17	655	10.7	82	90	448.00	580	99	1.6
	Aug 2017	726	26	17	558	9.1	82	91	447.50	571	99	1.6
	Sep 2017	741	23	15	507	8.5	79	153	447.50	570	89	1.5
WY 2017		9110	224	139	6574		939	1572			1497	
	Oct 2017	648	27	12	466	7.6	82	108	447.50	571	68	1.1
	Nov 2017	550	22	9	370	6.2	79	108	447.50	571	103	1.7
	Dec 2017	452	19	7	288	4.7	82	108	446.50	552	115	1.9
	Jan 2018	584	13	6	378	6.2	102	106	446.50	552	150	2.4
	Feb 2018	639	12	8	476	8.6	59	99	446.50	552	175	3.1
	Mar 2018	943	4	9	718	11.7	85	124	446.70	555	199	3.2
	Apr 2018	1021	19	11	757	12.7	99	124	448.70	593	185	3.1

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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
*	May 2015	871	14.2	1076.57	9729	-202	432.58	1165.0	337.2	74	387.2
H	Jun 2015	868	14.6	1075.08	9607	-121	427.78	1573.0	332.0	100	382.4
I	Jul 2015	767	12.5	1078.15	9858	251	432.42	1455.0	292.7	94	381.4
S	Aug 2015	803	13.1	1078.31	9871	13	434.75	1451.0	307.8	93	383.4
T	Sep 2015	723	12.1	1078.10	9854	-17	435.36	1563.0	275.2	100	380.7
WY 2015		9246							3596.9		
O	Oct 2015	578	9.4	1078.99	9927	73	435.13	1088.0	221.8	70	383.6
R	Nov 2015	631	10.6	1078.23	9865	-63	433.49	1088.0	244.8	70	387.9
I	Dec 2015	619	10.1	1080.91	10087	222	434.77	1069.0	241.9	68	390.9
C	Jan 2016	662	10.8	1083.68	10318	232	438.04	775.0	258.5	49	390.7
A	Feb 2016	699	12.2	1084.17	10360	41	437.39	880.0	277.0	55	396.1
L	Mar 2016	1008	16.4	1080.45	10048	-311	434.20	973.0	402.7	61	399.7
*	Apr 2016	1055	17.7	1076.13	9693	-355	429.37	1244.0	413.9	80	392.2
	May 2016	937	15.2	1072.96	9436	-257	423.35	1164.0	362.5	74	386.7
	Jun 2016	912	15.3	1070.98	9278	-158	418.57	1501.0	343.5	100	376.8
	Jul 2016	818	13.3	1072.38	9390	112	418.77	1507.0	310.0	100	379.0
	Aug 2016	753	12.2	1074.46	9557	168	420.98	1519.0	284.3	100	377.5
	Sep 2016	741	12.5	1074.41	9553	-4	422.47	1519.0	281.5	100	379.6
WY 2016		9414							3642.4		
	Oct 2016	528	8.6	1075.32	9627	74	427.59	1156.0	198.0	76	375.0
	Nov 2016	593	10.0	1075.44	9637	10	430.53	1139.0	228.4	75	385.4
	Dec 2016	544	8.8	1078.51	9888	251	428.83	1358.0	204.6	88	376.0
	Jan 2017	729	11.9	1079.60	9977	90	428.65	1367.0	280.0	88	384.3
	Feb 2017	728	13.1	1079.15	9940	-37	428.78	1246.0	284.3	80	390.4
	Mar 2017	1034	16.8	1074.85	9589	-351	426.03	1224.0	399.7	80	386.5
	Apr 2017	1097	18.4	1068.97	9118	-471	420.49	1212.0	423.3	81	385.9
	May 2017	990	16.1	1064.49	8767	-351	415.48	1176.0	370.5	80	374.1
	Jun 2017	884	14.9	1062.77	8634	-133	410.63	1458.0	325.1	100	367.9
	Jul 2017	840	13.7	1064.54	8771	137	411.15	1468.0	313.1	100	372.9
	Aug 2017	760	12.4	1068.38	9071	300	414.09	1490.0	282.3	100	371.7
	Sep 2017	727	12.2	1069.73	9178	107	417.14	1498.0	272.1	100	374.0
WY 2017		9454							3581.5		
	Oct 2017	481	7.8	1071.23	9297	119	423.23	1150.7	182.5	76	379.4
	Nov 2017	619	10.4	1071.06	9284	-13	426.32	1130.1	237.5	75	383.9
	Dec 2017	570	9.3	1073.89	9511	227	424.37	1344.0	213.6	88	374.9
	Jan 2018	691	11.2	1075.35	9630	119	424.26	1354.9	261.0	88	377.9
	Feb 2018	662	11.9	1075.53	9644	14	424.88	1237.4	253.4	80	382.6
	Mar 2018	1006	16.4	1071.40	9311	-333	422.52	1216.7	383.8	80	381.6
	Apr 2018	1055	17.7	1065.86	8873	-438	417.23	1206.0	401.8	81	380.7

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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
* May 2015	854	13.9	643.30	1707	-16	141.92	252.5	110.0	99	128.8
H Jun 2015	810	13.6	643.81	1721	14	144.85	255.0	104.6	100	129.1
I Jul 2015	762	12.4	642.57	1687	-34	140.97	255.0	98.4	100	129.1
S Aug 2015	775	12.6	642.12	1675	-12	142.40	255.0	99.2	100	127.9
T Sep 2015	758	12.7	639.56	1606	-69	137.76	255.0	95.5	100	126.0
WY 2015	8945							1122.4		
O Oct 2015	655	10.7	635.80	1507	-99	136.05	211.7	81.6	83	124.5
R Nov 2015	599	10.1	636.11	1514	8	136.53	165.8	72.5	65	121.0
I Dec 2015	527	8.6	638.77	1585	70	135.98	155.6	65.1	61	123.6
C Jan 2016	553	9.0	641.26	1651	67	141.86	163.2	71.9	64	129.9
A Feb 2016	675	11.7	641.04	1645	-6	141.86	178.5	86.3	70	127.8
L Mar 2016	921	15.0	643.17	1703	58	139.07	214.2	117.9	84	128.0
* Apr 2016	979	16.4	644.70	1746	42	143.66	255.0	125.4	100	128.2
May 2016	949	15.4	643.00	1699	-47	136.96	252.5	119.4	99	125.9
Jun 2016	870	14.6	643.00	1699	0	136.04	255.0	109.1	100	125.4
Jul 2016	820	13.3	641.50	1658	-41	135.25	255.0	102.6	100	125.1
Aug 2016	719	11.7	641.50	1658	0	134.46	255.0	89.9	100	125.0
Sep 2016	755	12.7	640.01	1617	-40	133.68	255.0	93.6	100	124.0
WY 2016	9022							1135.4		
Oct 2016	695	11.3	633.00	1434	-183	129.77	234.6	83.9	92	120.7
Nov 2016	523	8.8	635.00	1486	51	128.06	204.0	62.5	80	119.3
Dec 2016	426	6.9	638.71	1583	97	130.45	224.4	52.2	88	122.7
Jan 2017	622	10.1	641.80	1666	83	135.03	191.3	77.4	75	124.5
Feb 2017	705	12.7	641.80	1666	0	137.09	176.0	88.1	69	124.9
Mar 2017	971	15.8	643.05	1700	34	135.44	255.0	121.0	100	124.5
Apr 2017	1063	17.9	643.00	1699	-2	136.07	255.0	132.2	100	124.4
May 2017	955	15.5	643.00	1699	0	136.04	255.0	119.5	100	125.1
Jun 2017	869	14.6	642.00	1671	-27	135.51	255.0	108.6	100	124.9
Jul 2017	815	13.2	641.50	1658	-14	134.73	255.0	101.6	100	124.7
Aug 2017	726	11.8	641.50	1658	0	134.46	255.0	90.7	100	125.0
Sep 2017	741	12.4	640.01	1617	-40	133.68	255.0	91.9	100	124.1
WY 2017	9110							1129.5		
Oct 2017	648	10.5	633.00	1434	-183	129.77	234.6	78.4	92	120.9
Nov 2017	550	9.2	635.00	1486	51	128.06	204.0	65.5	80	119.2
Dec 2017	452	7.3	638.71	1583	97	130.45	224.4	55.3	88	122.5
Jan 2018	584	9.5	641.80	1666	83	135.03	191.3	72.8	75	124.7
Feb 2018	639	11.5	641.80	1666	0	137.09	176.0	80.1	69	125.4
Mar 2018	943	15.3	643.05	1700	34	135.44	255.0	117.5	100	124.7
Apr 2018	1021	17.2	643.00	1699	-2	136.07	255.0	127.3	100	124.6

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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
*	May 2015	559	9.1	448.50	590	8	81.62	112.8	39.5	94	70.7
H	Jun 2015	615	10.3	448.89	597	7	79.48	120.0	43.6	100	70.8
I	Jul 2015	592	9.6	447.99	580	-17	81.75	120.0	41.8	100	70.7
S	Aug 2015	580	9.4	448.30	586	6	82.40	120.0	40.9	100	70.4
T	Sep 2015	487	8.2	448.04	581	-5	82.23	120.0	34.6	100	71.1
WY 2015		6135						430.7			
O	Oct 2015	458	7.5	447.88	578	-3	81.97	91.2	32.3	76	70.6
R	Nov 2015	385	6.5	447.57	572	-6	83.21	96.0	27.1	80	70.3
I	Dec 2015	321	5.2	446.92	560	-12	82.51	120.0	21.9	100	68.4
C	Jan 2016	324	5.3	446.60	554	-6	80.76	94.8	22.3	79	68.8
A	Feb 2016	528	9.4	446.50	552	-2	78.54	87.6	38.1	73	72.2
L	Mar 2016	695	11.3	447.40	569	17	81.63	104.4	48.9	87	70.3
*	Apr 2016	689	11.6	448.89	597	28	83.09	120.0	48.4	100	70.3
	May 2016	668	10.9	448.50	590	-8	76.04	120.0	44.3	100	66.4
	Jun 2016	682	11.5	448.50	590	0	75.86	120.0	45.3	100	66.3
	Jul 2016	660	10.7	448.00	580	-9	75.61	120.0	43.6	100	66.0
	Aug 2016	556	9.0	447.50	571	-10	75.13	120.0	36.3	100	65.3
	Sep 2016	517	8.7	447.50	570	0	74.89	120.0	33.6	100	65.0
WY 2016		6484						442.2			
	Oct 2016	469	7.6	447.50	571	0	75.74	100.8	30.7	84	65.4
	Nov 2016	374	6.3	447.50	571	0	75.92	97.2	24.3	81	65.0
	Dec 2016	288	4.7	446.50	552	-19	74.40	120.0	18.1	100	62.7
	Jan 2017	388	6.3	446.50	552	0	75.13	93.6	25.0	78	64.5
	Feb 2017	485	8.7	446.50	552	0	74.71	102.0	31.6	85	65.1
	Mar 2017	724	11.8	446.70	555	4	74.01	120.0	47.0	100	65.0
	Apr 2017	761	12.8	448.70	593	38	75.08	120.0	50.2	100	65.9
	May 2017	675	11.0	448.70	593	0	76.05	120.0	44.8	100	66.4
	Jun 2017	688	11.6	448.70	593	0	76.05	120.0	45.8	100	66.5
	Jul 2017	655	10.7	448.00	580	-13	75.71	120.0	43.3	100	66.1
	Aug 2017	558	9.1	447.50	571	-9	75.13	120.0	36.4	100	65.3
	Sep 2017	507	8.5	447.50	570	0	74.89	120.0	32.9	100	65.0
WY 2017		6574						430.2			
	Oct 2017	466	7.6	447.50	571	0	75.74	100.8	30.5	84	65.4
	Nov 2017	370	6.2	447.50	571	0	75.92	97.2	24.0	81	64.9
	Dec 2017	288	4.7	446.50	552	-19	74.40	120.0	18.1	100	62.6
	Jan 2018	378	6.2	446.50	552	0	74.89	98.4	24.3	82	64.2
	Feb 2018	476	8.6	446.50	552	0	75.07	94.8	31.1	79	65.4
	Mar 2018	718	11.7	446.70	555	4	74.01	120.0	46.6	100	65.0
	Apr 2018	757	12.7	448.70	593	38	75.08	120.0	49.9	100	65.9

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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
* May 2015	299	65	21	30	18	8
H Jun 2015	348	40	38	67	21	9
I Jul 2015	471	42	41	53	22	8
S Aug 2015	357	42	32	38	21	7
T Sep 2015	317	40	28	37	18	0
Summer 2015	2049	256	173	241	111	39
O Oct 2015	264	52	26	32	0	4
R Nov 2015	256	52	13	15	0	4
I Dec 2015	378	53	18	16	7	4
C Jan 2016	373	52	17	22	13	3
A Feb 2016	302	45	16	21	12	4
L Mar 2016	298	20	10	11	7	4
Winter 2016	1871	274	100	118	38	23
* Apr 2016	288	19	18	25	16	4
May 2016	273	35	45	62	23	7
Jun 2016	319	62	13	21	15	8
Jul 2016	383	33	25	31	16	9
Aug 2016	360	33	28	35	18	8
Sep 2016	278	32	25	31	16	6
Summer 2016	1901	214	155	204	103	41
Oct 2016	238	33	23	29	15	6
Nov 2016	237	32	8	10	6	5
Dec 2016	314	33	14	18	9	5
Jan 2017	312	33	14	18	9	5
Feb 2017	252	30	6	9	5	4
Mar 2017	251	33	8	11	6	4
Winter 2017	1603	194	73	94	50	29
Apr 2017	232	32	16	23	13	5
May 2017	256	49	61	96	23	7
Jun 2017	324	74	20	32	21	9
Jul 2017	412	39	25	31	18	10
Aug 2017	430	39	27	33	17	10
Sep 2017	325	38	27	32	17	7
Summer 2017	1978	271	176	247	109	46
Oct 2017	243	39	23	28	14	6
Nov 2017	242	38	17	21	11	6
Dec 2017	322	39	27	34	17	6
Jan 2018	320	39	11	14	8	5
Feb 2018	258	35	9	12	6	4
Mar 2018	258	39	11	15	8	4
Winter 2018	1385	189	87	109	56	27
Apr 2018	238	37	19	27	15	6

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



May 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 ****								**** EFFECTIVE SPACE ****											
May 2016	706	259	205	13308	14479	17684	32163	276	171	-81	366	13308	17684	31359	1500	937	0	29.2	
Jun 2016	638	270	176	12584	13668	17941	31608	196	171	-144	223	12584	17941	30747	1500	912	0	30.4	
Jul 2016	519	121	375	11331	12346	18099	30445	64	5	2	71	11331	18099	29501	1500	818	0	30.2	
**** PREDICTED SPACE ****								**** CREDITABLE SPACE ****											
Aug 2016	472	112	431	11565	12579	17987	30567	472	112	431	1014	11565	17987	30567	1500	753	0	29.8	
Sep 2016	512	149	453	11993	13106	17820	30926	512	149	453	1113	11993	17820	30926	2270	741	0	29.4	
Oct 2016	569	189	455	12260	13473	17824	31297	569	189	455	1213	12260	17824	31297	3040	528	0	29.1	
Nov 2016	616	225	448	12347	13637	17750	31387	616	225	448	1290	12347	17750	31387	3810	593	0	29.0	
Dec 2016	660	220	446	12489	13815	17740	31555	660	220	446	1326	12489	17740	31555	4580	544	0	28.9	
Jan 2017	717	240	447	12847	14252	17489	31741	717	240	447	1405	12847	17489	31741	5350	729	0	28.7	
**** PREDICTED SPACE ****								**** EFFECTIVE SPACE ****											
Jan 2017	717	240	447	12847	14252	17489	31741	372	223	180	776	12847	17489	31112	5350	729	0	28.7	
Feb 2017	769	261	451	13192	14673	17400	32072	423	245	183	851	13192	17400	31442	1500	728	0	28.4	
Mar 2017	809	259	444	13411	14923	17437	32359	460	245	175	880	13411	17437	31728	1500	1034	0	28.1	
Apr 2017	801	248	388	13487	14924	17788	32712	449	235	113	796	13487	17788	32071	1500	1097	0	28.0	
May 2017	762	227	297	13255	14541	18259	32800	403	211	-1	612	13255	18259	32126	1500	990	0	29.2	
Jun 2017	662	264	204	11915	13045	18610	31655	292	229	-132	389	11915	18610	30914	1500	884	0	30.7	
Jul 2017	489	96	367	10437	11389	18743	30131	104	36	-24	116	10437	18743	29295	1500	840	0	30.8	
**** PREDICTED SPACE ****								**** CREDITABLE SPACE ****											
Aug 2017	403	62	450	10451	11366	18606	29972	403	62	450	915	10451	18606	29972	1500	760	0	30.5	
Sep 2017	435	78	461	10951	11925	18306	30231	435	78	461	974	10951	18306	30231	2270	727	0	30.2	
Oct 2017	495	120	457	11266	12337	18199	30536	495	120	457	1071	11266	18199	30536	3040	481	0	30.0	
Nov 2017	549	152	444	11315	12459	18080	30539	549	152	444	1144	11315	18080	30539	3810	619	0	29.9	
Dec 2017	603	177	440	11402	12621	18093	30714	603	177	440	1219	11402	18093	30714	4580	570	0	29.7	
Jan 2018	675	241	441	11707	13064	17866	30930	675	241	441	1357	11707	17866	30930	5350	691	0	29.5	
**** PREDICTED SPACE ****								**** EFFECTIVE SPACE ****											
Jan 2018	675	241	441	11707	13064	17866	30930	353	239	179	771	11707	17866	30343	5350	691	0	29.5	
Feb 2018	742	252	444	12047	13486	17747	31233	419	251	181	852	12047	17747	30646	1500	662	0	29.3	
Mar 2018	795	259	437	12246	13737	17733	31470	470	259	173	903	12246	17733	30882	1500	1006	0	29.0	
Apr 2018	803	260	382	12298	13742	18066	31808	474	260	111	845	12298	18066	31209	1500	1055	0	29.0	

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