

November 24-Month Study
Date: November 14, 2016

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

Current Reservoir Status

Reservoir	October Inflow (unregulated) (acre-feet)	Percent of Average (%)	November 13, Midnight Elevation (feet)	November 13, Reservoir Storage (acre-feet)
Fontenelle	57,000	45	6,491.23	235,000
Flaming Gorge	70,000	43	6,025.57	3,181,000
Blue Mesa	32,000	69	7,493.02	605,000
Navajo	11,000	4	6,056.02	1,298,000
Powell	381,000	55	3,606.53	12,384,000

Expected Operations

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

Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2017 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2017. This November 2016 24-Month Study indicates that, consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is projected to occur and Lake Powell is projected to release 9.0 maf in water year 2017.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar years 2016 and 2017.

The 2017 operational tier determinations will be documented in the 2017 AOP, which is currently in the final stages of development.

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>

The draft 2017 AOP is available for download at:

http://www.usbr.gov/uc/water/rsvrs/ops/aop/2017AOP_2016-09-02_Consultation-3.pdf

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6491 feet above sea level (feet), which amounts to 68 percent of live storage capacity. Inflows for the month of October totaled 57,000 acre-feet (af), or 117 percent of average. Above average inflows are forecasted over the next few months and releases have been increased in order to meet the spring elevation target. Releases have been increased to base flow levels of 1,025 cubic feet per second (cfs) and are forecasted to remain at this level through the winter, subject to hydrology.

The Colorado Basin River Forecast Center has forecasted spring inflows that are above average. November, December January forecasted inflow volumes amount to 58,000 af (138 percent of average), 38,000 af (119 percent of average), and 30,000 af (99 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., April 19, 2017. The meeting will be held at Seedskaadee Wildlife Refuge Headquarters, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Flaming Gorge Dam is currently 1,300 cubic cfs. Releases are anticipated to increase to 1,800 cfs during the December through February base flow period.

Unregulated inflow into Flaming Gorge Reservoir during the month of October was 70,000 af, or 119 percent of average. The reservoir elevation is 6,025.6 feet (85 percent of live capacity) and decreasing.

The November final forecast for inflows for the next three months projects above average conditions: November, December and January forecasted inflow volumes at 70,000 af (137 percent of average), 39,000 af (112 percent of average), and 43,000 af (112 percent of average), respectively.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the

Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Heather Patno at 801-524-3883.

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

Aspinall Unit Reservoirs – Crystal Dam is currently releasing 600 cfs and the Gunnison Tunnel diversion is shut down for the 2016 irrigation season. The average flow through the Black Canyon is measuring approximately 600 cfs at the stream gage below Gunnison Tunnel. The October unregulated inflow to Blue Mesa Reservoir was 32,500 af (105 percent of average) which was slightly below the forecasted volume of 34,000 af (89 percent of average). The end of October reservoir elevation for Blue Mesa was 7493.44 feet. The peak elevation of Blue Mesa Reservoir for Water Year 2016 occurred on July 7, 2016 when the elevation reached 7515.98 feet above sea level. This elevation corresponds to a live storage level of 799,000 acre-feet (96 percent of full capacity).

Inflows to Blue Mesa for the next three months are projected to be below average: with November, December and January forecasted unregulated inflow volumes of 27,000 af (87 percent of average), 25,000 af (96 percent of average) and 23,000 af (96 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, January 19, 2017 at 1:00 pm at the Holiday Inn Express located in Montrose, Colorado.

Navajo Reservoir – As of November 2, 2016, Navajo reservoir elevation was 6056.1 feet (1.299 maf live storage) and is releasing 400 cfs. Releases are made for the authorized purposes of the Navajo Unit, and pursuant to the 2006 Record of Decision, in an attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Modified unregulated inflow into Navajo during the month of October was 27,000 af, which was 58 percent of average. The total April-July modified unregulated inflow into Navajo for 2016 was 566,000 af (77 percent of average).

Inflows for the next three months are projected to be below average: with November, December, and January forecasted inflow volumes at 21,000 af (63 percent of average), 20,000 af (63 percent of average), and 18,000 af (82 percent of average), respectively.

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

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

The next Navajo Public Operations Meeting is scheduled for January 24, 2017, at 1:00 pm at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell in October was 381 thousand acre-feet (kaf) (74 percent of average). The release volume from Glen Canyon Dam in October was 601 kaf. The end of October elevation and storage of Lake Powell were 3,609.48 feet (91 feet from full pool) and 12.68 million acre-feet (maf) (52 percent of full capacity), respectively. The reservoir elevation is now declining and is expected to continue to decline until spring 2017.

Current Operations

The operating tier for water year 2017 was established in August 2016 as 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 in April 2017. An April adjustment to balancing releases is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2017. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2017.

On November 7-12, 2016, the Department of Interior conducted a high flow experimental release (HFE) from Glen Canyon Dam in accordance with the High Flow Protocol (Protocol). Under this Protocol, high flow releases are linked to sediment input and other resource conditions below Glen Canyon Dam. This HFE will be the fourth conducted under the Protocol. Beginning on the morning of November 7, 2016, releases from Glen Canyon Dam were increased to full powerplant capacity (approximately 21,000 cfs). At 9:00 am on November 7, 2016, the bypass tubes at Glen Canyon Dam were opened and releases were gradually increased to full powerplant and bypass capacity (approximately

36,000 cfs) by noon on November 7, 2016. Peak releases were maintained at 36,000 cfs for 4 days (96 hours) before being gradually reduced. Releases were reduced to normal operational levels by the early morning hours of November 12, 2016. The entire experiment, including ramping lasted about 5 days. November releases from Glen Canyon Dam prior to and after the HFE will fluctuate for power production between 6,500 cfs and 9,000 cfs each day. The elevation of Lake Powell decreased approximately 2.4 feet during the 5 day experiment. The total release in November, including the HFE, is anticipated to be approximately 744 kaf. The annual release volume from Lake Powell will not change as a result of the HFE.

In December, the release volume will be approximately 800 kaf, with fluctuations anticipated between about 11,000 cfs in the nighttime to about 19,000 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 January is 800 kaf.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 mega-watts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of 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 forecast for water year 2017 unregulated inflow to Lake Powell, issued on November 1, 2016, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 7.85 maf (72 percent of average based on the period 1981-2010). This is about a 1.4 maf decrease from the forecast issued last month. At this early point in the season, there is significant uncertainty regarding next year's water supply. The forecast ranges from a minimum probable of 6.0 maf (55 percent of average) to a maximum probable of 17.0 maf (157 percent of average). There is 10 percent chance that inflows could be higher than the maximum probable and a 10 percent chance they could be lower than the minimum probable.

Based on the current forecast, the November 24-Month Study projects Lake Powell elevation will end water year 2017 near 3,595 feet with approximately 11.25 maf in storage (46 percent of capacity). Note that projections of elevation and storage have significant uncertainty at this early point in the season, primarily due to uncertainty regarding next season's snowpack and the resulting inflow to Lake Powell. Projections of elevation and storage using the minimum and maximum probable inflow forecast, last updated in October, are 3,581 feet (10.0 maf, 41 percent of capacity) and 3,641 feet (16.1 maf, 66 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2017 is projected to be 9.0 maf under the minimum and most probable inflow scenarios and 12.0 maf under the maximum probable inflow scenario. There is a chance that inflows could be higher or lower, potentially resulting in releases greater than 12.0 maf or as low as 8.23 maf in water year 2017. The minimum and maximum probable scenarios will be updated again in January.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 17-year period 2000 to 2016, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 17 years. The period 2000-2016 is the lowest 17-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.57 maf, or 79 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2016 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. The water year 2016 unregulated inflow volume to Lake Powell was 9.62 maf (89 percent of average), which, though still below average, was higher than the water year release of 9.0 maf, which allowed Lake Powell to increase approximately 4.9 feet in elevation over the last water year. Under the current most probable forecast, total water year 2017 unregulated inflows to Lake Powell is projected to be 7.85 maf (72 percent of average).

At the beginning of water year 2017, total system storage in the Colorado River Basin was 30.7 maf (51 percent of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water year 2016 which began at 30.8 maf (52 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to a low of 50 percent of capacity at the beginning of water year 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 2017 total Colorado Basin reservoir storage is approximately 28.5 maf (48 percent 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 October minimum and maximum probable inflow forecasts and modeling the range is approximately 26.6 maf (45 percent of capacity) to 33.5 maf (56 percent of capacity), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION

WATER RESOURCES GROUP

ATTENTION UC-430

125 SOUTH STATE STREET, ROOM 6107

SALT LAKE CITY, UT 84138-5571

PHONE 801-524-3709

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

:	Obs				oct	Forecast		
:	jul	aug	sep	oct	%Avg	nov	dec	jan
GLDA3:Lake Powell	595	253	281	381	74%:	400/	320/	300/
GBRW4:Fontenelle	80	29	26	57	117%:	58/	38/	30/
GRNU1:Flaming Gorge	91	28	36	70	119%:	70/	39/	43/
BMDC2:Blue Mesa	81	57	38	33	87%:	27/	25/	23/
MPSC2:Morrow Point	83	58	39	33	81%:	27/	25/	24/
CLSC2:Crystal	89	62	42	37	79%:	31/	28/	27/
TPIC2:Taylor Park	11.2	8.5	6.2	5.5	83%:	4.5/	4/	3.7/
VCRC2:Vallecito	17.1	15.1	14.0	11.4	73%:	6/	6/	5/
NVRN5:Navajo	24	30	21	27	58%:	21/	20/	18/
LEMC2:Lemon	2.3	4.6	3.8	2.0	63%:	1/	0.9/	0.8/
MPHC2:McPhee	17.2	16.4	9.6	4.2	48%:	3.5/	3.5/	3.5/
RBSC2:Ridgway	22	14.5	9.3	6.7	87%:	5/	4/	4/

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



November 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)
* Nov 2015	40	1	56	1	57	6489.03	221
H Dec 2015	36	1	58	0	58	6485.40	197
I Jan 2016	32	1	49	10	58	6480.71	170
S Feb 2016	34	0	55	0	55	6476.59	149
T Mar 2016	50	1	58	0	58	6474.73	140
O Apr 2016	91	1	56	0	56	6481.34	174
R May 2016	186	2	86	20	106	6493.63	252
I Jun 2016	293	2	101	143	243	6500.14	299
C Jul 2016	80	3	73	3	76	6500.25	300
A Aug 2016	29	2	65	0	65	6495.03	262
L Sep 2016	26	2	36	21	58	6490.22	229
WY 2016	943	15	739	213	952		
* Oct 2016	57	1	0	57	57	6490.08	228
Nov 2016	58	1	59	0	59	6489.79	227
Dec 2016	38	1	63	0	63	6485.93	202
Jan 2017	30	1	63	0	63	6480.23	168
Feb 2017	27	1	57	0	57	6474.16	138
Mar 2017	46	0	63	0	63	6470.25	120
Apr 2017	74	1	89	0	89	6466.38	104
May 2017	155	1	97	8	105	6477.48	154
Jun 2017	300	2	101	78	179	6496.50	273
Jul 2017	195	3	102	21	123	6505.60	342
Aug 2017	75	2	85	0	85	6503.99	330
Sep 2017	47	2	73	0	73	6500.44	302
WY 2017	1102	15	852	163	1015		
Oct 2017	49	1	71	0	71	6497.41	280
Nov 2017	42	1	68	0	68	6493.68	253
Dec 2017	32	1	71	0	71	6487.77	214
Jan 2018	30	1	71	0	71	6481.04	173
Feb 2018	28	1	64	0	64	6473.79	136
Mar 2018	53	0	71	0	71	6469.59	117
Apr 2018	85	1	89	0	89	6468.52	113
May 2018	164	1	98	7	105	6480.74	171
Jun 2018	299	2	102	69	171	6499.74	297
Jul 2018	178	3	101	28	129	6505.62	343
Aug 2018	77	2	100	5	105	6501.76	312
Sep 2018	46	2	89	0	89	6495.67	267
WY 2018	1083	15	995	108	1103		
Oct 2018	49	1	92	0	92	6489.08	222

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



November 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)
*	Nov 2015	38	55	4	131	0	131	133	6028.73	3300	176
H	Dec 2015	38	61	2	137	0	137	130	6026.75	3225	172
I	Jan 2016	44	71	2	134	0	134	127	6025.07	3163	168
S	Feb 2016	63	84	2	118	0	118	126	6024.11	3127	164
T	Mar 2016	84	93	3	51	0	51	127	6025.13	3165	131
O	Apr 2016	140	105	5	50	0	50	129	6026.43	3213	316
R	May 2016	362	282	8	52	0	52	138	6032.01	3427	701
I	Jun 2016	455	405	11	270	198	469	135	6030.17	3356	965
C	Jul 2016	91	88	13	116	4	120	133	6029.03	3312	223
A	Aug 2016	28	64	13	110	0	110	131	6027.55	3255	137
L	Sep 2016	36	67	11	107	0	107	129	6026.27	3207	127
	WY 2016	1427	1437	80	1406	203	1609				3442
*	Oct 2016	70	70	7	85	0	85	128	6025.69	3186	119
	Nov 2016	70	71	3	77	0	77	128	6025.45	3177	103
	Dec 2016	39	64	2	106	0	106	126	6024.30	3134	132
	Jan 2017	45	78	2	111	0	111	125	6023.40	3101	136
	Feb 2017	44	74	2	100	0	100	124	6022.65	3074	123
	Mar 2017	94	111	3	52	0	52	126	6024.13	3128	115
	Apr 2017	122	137	5	48	0	48	129	6026.33	3210	208
	May 2017	220	170	8	104	0	104	131	6027.82	3266	539
	Jun 2017	370	249	10	235	0	235	132	6027.90	3269	645
	Jul 2017	225	153	14	98	0	98	133	6028.94	3308	164
	Aug 2017	84	94	13	98	0	98	132	6028.52	3292	119
	Sep 2017	52	78	11	95	0	95	131	6027.80	3265	110
	WY 2017	1435	1349	79	1210	0	1210				2514
	Oct 2017	57	78	7	98	0	98	130	6027.10	3238	126
	Nov 2017	50	76	3	95	0	95	129	6026.52	3217	125
	Dec 2017	35	74	2	98	0	98	128	6025.84	3191	124
	Jan 2018	40	81	2	98	0	98	128	6025.34	3173	123
	Feb 2018	45	81	2	89	0	89	127	6025.07	3163	117
	Mar 2018	102	120	3	98	0	98	128	6025.56	3181	175
	Apr 2018	134	137	5	95	0	95	129	6026.53	3217	310
	May 2018	245	186	8	159	0	159	130	6027.03	3236	691
	Jun 2018	390	262	10	140	0	140	134	6029.84	3343	560
	Jul 2018	210	162	14	98	0	98	136	6031.07	3391	198
	Aug 2018	89	117	13	98	0	98	137	6031.20	3396	124
	Sep 2018	55	99	11	95	0	95	136	6031.00	3388	114
	WY 2018	1451	1471	80	1263	0	1263				2787
	Oct 2018	59	103	7	98	0	98	136	6030.92	3385	131

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



November 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)
*	Nov 2015	5	6	9310.40	71
H	Dec 2015	5	6	9309.95	70
I	Jan 2016	6	6	9309.87	70
S	Feb 2016	4	5	9309.07	68
T	Mar 2016	5	6	9308.44	67
O	Apr 2016	9	6	9310.70	71
R	May 2016	17	11	9314.16	77
I	Jun 2016	41	20	9325.34	97
C	Jul 2016	11	21	9320.04	87
A	Aug 2016	9	16	9315.75	79
L	Sep 2016	6	14	9310.77	71
WY 2016		125	125		
*	Oct 2016	5	6	9310.23	70
	Nov 2016	5	5	9309.92	70
	Dec 2016	4	5	9309.28	69
	Jan 2017	4	5	9308.45	67
	Feb 2017	3	5	9307.22	66
	Mar 2017	4	5	9306.23	64
	Apr 2017	6	5	9306.56	65
	May 2017	20	10	9312.88	75
	Jun 2017	31	15	9321.96	91
	Jul 2017	13	15	9320.88	89
	Aug 2017	7	15	9316.41	81
	Sep 2017	6	15	9311.04	72
WY 2017		107	106		
	Oct 2017	6	7	9310.31	70
	Nov 2017	5	6	9309.55	69
	Dec 2017	5	6	9308.71	68
	Jan 2018	4	6	9307.64	66
	Feb 2018	4	6	9306.19	64
	Mar 2018	4	6	9305.15	62
	Apr 2018	9	6	9306.99	65
	May 2018	28	20	9312.23	73
	Jun 2018	42	22	9323.38	93
	Jul 2018	20	22	9322.39	91
	Aug 2018	10	20	9317.04	82
	Sep 2018	7	16	9311.94	73
WY 2018		144	143		
	Oct 2018	7	8	9311.11	72

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



November 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)
* Nov 2015	30	31	0	45	0	45	7499.64	658
H Dec 2015	27	28	0	62	0	62	7495.46	624
I Jan 2016	27	27	0	61	0	61	7491.12	590
S Feb 2016	26	27	0	59	0	58	7487.04	559
T Mar 2016	41	42	0	36	0	37	7487.62	563
O Apr 2016	75	72	1	63	0	63	7488.62	571
R May 2016	161	155	1	134	19	153	7488.74	572
I Jun 2016	285	265	1	46	0	46	7514.84	788
C Jul 2016	81	91	2	112	0	112	7512.31	766
A Aug 2016	57	65	1	110	0	110	7506.94	720
L Sep 2016	38	46	1	100	0	100	7500.48	665
WY 2016	881	882	9	913	19	934		
* Oct 2016	32	33	1	90	0	90	7493.44	608
Nov 2016	27	28	0	36	0	36	7492.31	599
Dec 2016	25	26	0	47	0	47	7489.60	578
Jan 2017	23	24	0	47	0	47	7486.63	555
Feb 2017	19	21	0	42	0	42	7483.84	534
Mar 2017	29	31	0	40	0	40	7482.50	524
Apr 2017	61	61	1	52	0	52	7483.53	532
May 2017	155	145	1	169	0	169	7480.19	507
Jun 2017	175	159	1	61	0	61	7492.90	604
Jul 2017	67	69	1	78	0	78	7491.61	594
Aug 2017	44	52	1	84	0	84	7487.35	561
Sep 2017	35	44	1	73	0	73	7483.34	531
WY 2017	692	692	8	819	0	819		
Oct 2017	36	37	0	49	0	49	7481.68	518
Nov 2017	30	32	0	19	0	19	7483.38	531
Dec 2017	26	27	0	19	0	19	7484.37	538
Jan 2018	24	26	0	35	0	35	7483.18	529
Feb 2018	22	25	0	31	0	31	7482.34	523
Mar 2018	36	38	0	35	0	35	7482.66	526
Apr 2018	77	74	1	52	0	52	7485.52	547
May 2018	221	213	1	171	0	171	7490.82	588
Jun 2018	261	241	1	69	0	69	7511.49	759
Jul 2018	117	119	2	87	0	87	7514.90	789
Aug 2018	63	73	1	90	0	90	7512.86	771
Sep 2018	38	47	1	79	0	79	7509.00	737
WY 2018	952	951	9	736	0	736		
Oct 2018	38	40	1	53	0	53	7507.43	724

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



November 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)
*	Nov 2015	31	45	1	46	47	0	47	7133.97	97
H	Dec 2015	28	62	1	62	46	1	47	7154.01	112
I	Jan 2016	27	61	1	62	64	0	64	7150.69	110
S	Feb 2016	27	58	1	60	61	0	61	7148.82	108
T	Mar 2016	43	37	2	39	36	0	36	7152.74	111
O	Apr 2016	83	63	7	71	71	0	71	7152.57	111
R	May 2016	176	153	15	168	176	4	180	7136.53	99
I	Jun 2016	302	46	18	64	52	0	52	7152.31	111
C	Jul 2016	83	112	2	114	113	0	113	7153.43	112
A	Aug 2016	58	110	1	111	111	0	111	7153.88	112
L	Sep 2016	39	100	1	100	103	0	103	7150.03	109
WY 2016		931	934	49	983	972	5	978		
*	Oct 2016	33	90	1	91	93	0	93	7146.55	106
	Nov 2016	27	36	0	36	31	0	31	7153.73	112
	Dec 2016	25	47	0	47	47	0	47	7153.73	112
	Jan 2017	24	47	1	48	48	0	48	7153.73	112
	Feb 2017	20	42	1	43	43	0	43	7153.73	112
	Mar 2017	32	40	3	43	43	0	43	7153.73	112
	Apr 2017	65	52	4	56	56	0	56	7153.73	112
	May 2017	165	169	10	179	179	0	179	7153.73	112
	Jun 2017	180	61	5	66	66	0	66	7153.73	112
	Jul 2017	70	78	3	81	81	0	81	7153.73	112
	Aug 2017	46	84	2	86	86	0	86	7153.73	112
	Sep 2017	36	73	1	74	74	0	74	7153.73	112
WY 2017		723	819	31	850	846	0	847		
	Oct 2017	38	49	1	51	51	0	51	7153.73	112
	Nov 2017	32	19	2	20	20	0	20	7153.73	112
	Dec 2017	28	19	2	21	21	0	21	7153.73	112
	Jan 2018	27	35	2	37	37	0	37	7153.73	112
	Feb 2018	25	31	3	33	33	0	33	7153.73	112
	Mar 2018	40	35	4	39	39	0	39	7153.73	112
	Apr 2018	88	52	11	63	63	0	63	7153.73	112
	May 2018	247	171	26	197	197	0	197	7153.73	112
	Jun 2018	281	69	20	89	89	0	89	7153.73	112
	Jul 2018	123	87	6	93	93	0	93	7153.73	112
	Aug 2018	67	90	3	94	94	0	94	7153.73	112
	Sep 2018	41	79	3	82	82	0	82	7153.73	112
WY 2018		1036	736	84	819	819	0	819		
	Oct 2018	41	53	3	55	55	0	55	7153.73	112

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



November 2016 24-Month Study

Most Probable Inflow*
Crystal Reservoir



		Unreg Inflow	Morrow Release	Side Inflow	Total Inflow	Power Release	Bypass Release	Total Release	Reservoir Elev End of Month	Live Storage	Tunnel Flow	Below Tunnel Flow
	Date	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)	(1000 Ac-Ft)
*	Nov 2015	34	47	3	50	0	50	50	6750.12	16	0	51
H	Dec 2015	32	47	4	51	40	12	52	6747.07	15	1	53
I	Jan 2016	31	64	4	68	67	0	68	6748.20	16	1	69
S	Feb 2016	30	61	3	64	63	0	63	6752.48	17	0	65
T	Mar 2016	48	36	5	41	41	0	41	6752.32	17	2	41
O	Apr 2016	92	71	9	80	80	0	80	6751.41	16	47	36
R	May 2016	194	180	18	198	109	64	197	6753.13	17	51	154
I	Jun 2016	344	52	41	93	74	20	93	6752.00	17	43	53
C	Jul 2016	89	113	6	119	117	2	119	6750.04	16	64	58
A	Aug 2016	62	111	4	114	114	0	114	6749.30	16	62	53
L	Sep 2016	42	103	3	106	106	1	107	6747.05	15	59	47
	WY 2016	1034	978	103	1081	811	243	1080			384	724
*	Oct 2016	37	93	4	97	97	0	97	6747.92	15	57	39
	Nov 2016	31	31	4	35	33	0	33	6753.04	17	0	33
	Dec 2016	28	47	3	50	50	0	50	6753.04	17	0	50
	Jan 2017	27	48	3	51	51	0	51	6753.04	17	0	51
	Feb 2017	23	43	3	46	46	0	46	6753.04	17	0	46
	Mar 2017	36	43	4	47	47	0	47	6753.04	17	5	42
	Apr 2017	74	56	9	65	65	0	65	6753.04	17	30	35
	May 2017	181	179	16	195	134	60	195	6753.04	17	55	140
	Jun 2017	195	66	15	81	81	0	81	6753.04	17	60	21
	Jul 2017	76	81	6	87	87	0	87	6753.04	17	65	22
	Aug 2017	52	86	6	92	92	0	92	6753.04	17	65	27
	Sep 2017	42	74	6	80	80	0	80	6753.04	17	55	25
	WY 2017	802	847	79	926	863	61	924			392	531
	Oct 2017	44	51	6	57	57	0	57	6753.04	17	30	27
	Nov 2017	37	20	5	25	25	0	25	6753.04	17	0	25
	Dec 2017	32	21	5	26	26	0	26	6753.04	17	0	26
	Jan 2018	31	37	5	42	42	0	42	6753.04	17	0	42
	Feb 2018	29	33	4	37	37	0	37	6753.04	17	0	37
	Mar 2018	46	39	6	45	45	0	45	6753.04	17	5	40
	Apr 2018	101	63	12	76	76	0	76	6753.04	17	30	46
	May 2018	281	197	34	231	134	97	231	6753.04	17	55	176
	Jun 2018	315	89	34	123	123	0	123	6753.04	17	60	63
	Jul 2018	138	93	14	108	108	0	108	6753.04	17	65	43
	Aug 2018	75	94	8	102	102	0	102	6753.04	17	65	37
	Sep 2018	47	82	6	88	88	0	88	6753.04	17	55	33
	WY 2018	1175	819	140	959	862	97	959			365	594
	Oct 2018	47	55	6	61	61	0	61	6753.04	17	30	31

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



November 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)
* Nov 2015	11	5	7648.25	83
H Dec 2015	7	4	7649.57	86
I Jan 2016	6	7	7649.21	85
S Feb 2016	7	6	7649.77	86
T Mar 2016	14	6	7652.71	94
O Apr 2016	25	13	7657.23	105
R May 2016	60	44	7663.23	121
I Jun 2016	77	73	7664.30	124
C Jul 2016	17	38	7656.15	102
A Aug 2016	15	33	7648.82	84
L Sep 2016	14	27	7643.21	71
WY 2016	269	270		
* Oct 2016	11	8	7644.63	74
Nov 2016	6	2	7646.42	79
Dec 2016	6	2	7648.17	83
Jan 2017	5	2	7649.47	86
Feb 2017	4	2	7650.40	88
Mar 2017	5	2	7651.62	91
Apr 2017	15	2	7656.78	104
May 2017	59	39	7664.10	123
Jun 2017	58	58	7663.71	122
Jul 2017	22	42	7656.00	102
Aug 2017	16	38	7646.85	80
Sep 2017	14	30	7639.67	64
WY 2017	221	226		
Oct 2017	14	17	7637.84	60
Nov 2017	8	2	7640.84	66
Dec 2017	6	2	7642.87	71
Jan 2018	5	2	7644.43	74
Feb 2018	5	2	7645.74	77
Mar 2018	9	2	7648.55	84
Apr 2018	23	2	7657.16	105
May 2018	71	53	7664.11	123
Jun 2018	70	70	7664.08	123
Jul 2018	29	42	7659.12	110
Aug 2018	20	38	7651.80	91
Sep 2018	17	30	7646.55	79
WY 2018	278	259		
Oct 2018	16	17	7645.78	77

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



November 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)
*	Nov 2015	37	1	30	1	0	21	6064.00	1400	39
H	Dec 2015	23	0	19	1	0	21	6063.81	1397	34
I	Jan 2016	22	0	23	1	0	22	6063.77	1396	34
S	Feb 2016	42	2	39	1	1	28	6064.39	1405	43
T	Mar 2016	81	7	67	2	4	25	6067.08	1441	52
O	Apr 2016	119	13	94	3	19	22	6070.75	1491	53
R	May 2016	209	26	165	4	12	91	6074.87	1549	175
I	Jun 2016	214	35	174	5	25	250	6067.29	1443	376
C	Jul 2016	24	4	40	5	37	79	6061.29	1364	97
A	Aug 2016	30	4	45	4	33	35	6059.16	1337	54
L	Sep 2016	21	1	33	3	27	30	6056.98	1310	41
	WY 2016	864	94	769	29	169	653			1053
*	Oct 2016	27	0	24	2	5	27	6056.19	1300	46
	Nov 2016	21	0	17	1	0	22	6055.65	1293	36
	Dec 2016	20	0	16	1	0	23	6054.99	1285	36
	Jan 2017	18	0	15	1	0	23	6054.25	1276	35
	Feb 2017	21	0	19	1	0	21	6053.99	1273	31
	Mar 2017	55	1	51	2	5	23	6055.70	1294	38
	Apr 2017	103	10	79	2	20	22	6058.49	1329	60
	May 2017	215	32	163	4	34	23	6066.35	1431	145
	Jun 2017	160	27	134	4	50	22	6070.51	1488	137
	Jul 2017	30	5	45	5	55	31	6067.21	1442	78
	Aug 2017	30	1	51	4	46	38	6064.47	1406	69
	Sep 2017	32	1	47	3	26	40	6062.87	1385	63
	WY 2017	732	77	660	28	242	314			774
	Oct 2017	39	1	41	2	9	24	6063.33	1391	47
	Nov 2017	31	1	24	1	0	22	6063.35	1391	39
	Dec 2017	25	0	21	1	0	23	6063.11	1388	38
	Jan 2018	22	0	18	1	0	23	6062.70	1382	37
	Feb 2018	30	0	27	1	0	21	6063.11	1388	33
	Mar 2018	92	2	84	2	5	23	6067.16	1442	45
	Apr 2018	170	14	135	3	21	22	6073.58	1531	75
	May 2018	277	40	218	4	35	224	6070.38	1486	370
	Jun 2018	224	34	189	4	51	296	6058.05	1323	448
	Jul 2018	66	8	71	4	56	79	6052.50	1255	146
	Aug 2018	45	2	62	3	47	33	6050.63	1233	72
	Sep 2018	43	1	55	3	26	26	6050.65	1233	58
	WY 2018	1064	102	944	28	251	817			1408
	Oct 2018	47	2	47	2	10	23	6051.70	1246	51

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



November 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)
*	Nov 2015	421	506	32	577	0	577	3605.47	5036	12280	583
H	Dec 2015	266	393	26	857	0	857	3600.80	5000	11827	863
I	Jan 2016	300	433	8	857	0	857	3596.58	4968	11427	865
S	Feb 2016	396	490	8	700	0	700	3594.41	4952	11224	704
T	Mar 2016	553	486	14	694	0	694	3592.18	4935	11019	707
O	Apr 2016	814	681	22	665	0	665	3592.12	4935	11014	681
R	May 2016	2294	1925	26	700	0	700	3603.87	5024	12123	714
I	Jun 2016	2907	2618	46	800	0	800	3620.01	5155	13764	812
C	Jul 2016	595	804	58	950	0	950	3618.22	5140	13576	969
A	Aug 2016	253	432	56	900	0	900	3613.55	5101	13091	920
L	Sep 2016	281	461	50	699	0	699	3610.93	5080	12824	717
	WY 2016	9616	9909	378	9000	0	9000				9145
*	Oct 2016	381	477	35	601	0	601	3609.48	5068	12678	614
	Nov 2016	400	411	33	744	0	744	3606.08	5041	12339	748
	Dec 2016	320	413	26	800	0	800	3602.15	5010	11957	803
	Jan 2017	300	395	8	800	0	800	3598.15	4980	11574	807
	Feb 2017	340	419	8	650	0	650	3595.79	4962	11353	654
	Mar 2017	500	444	14	600	0	600	3594.09	4949	11195	605
	Apr 2017	700	566	22	600	0	600	3593.54	4945	11144	609
	May 2017	1500	1272	26	600	0	600	3599.91	4993	11742	608
	Jun 2017	2100	1790	43	800	0	800	3608.89	5063	12619	807
	Jul 2017	650	594	53	1000	0	1000	3604.60	5029	12194	1016
	Aug 2017	360	469	51	1006	0	1006	3598.95	4986	11650	1021
	Sep 2017	300	415	45	799	0	799	3594.71	4954	11252	813
	WY 2017	7851	7665	363	9000	0	9000				9106
	Oct 2017	422	472	31	600	0	600	3593.12	4942	11105	609
	Nov 2017	431	457	30	600	0	600	3591.37	4929	10945	604
	Dec 2017	363	418	23	800	0	800	3587.21	4899	10570	803
	Jan 2018	361	431	7	800	0	800	3583.26	4871	10221	807
	Feb 2018	393	436	7	650	0	650	3580.90	4855	10017	654
	Mar 2018	665	598	12	650	0	650	3580.20	4850	9957	655
	Apr 2018	1056	879	20	600	0	600	3582.98	4869	10197	609
	May 2018	2343	2229	25	650	0	650	3598.79	4985	11635	658
	Jun 2018	2666	2382	44	800	0	800	3613.24	5098	13059	807
	Jul 2018	1091	1025	55	1000	0	1000	3612.98	5096	13032	1016
	Aug 2018	500	573	54	1050	0	1050	3608.11	5057	12541	1065
	Sep 2018	408	499	49	800	0	800	3604.83	5031	12217	813
	WY 2018	10698	10399	357	9000	0	9000				9102
	Oct 2018	512	553	33	600	0	600	3604.08	5025	12143	609

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



November 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)
* Nov 2015	577	41	42	631	10.6	12	630	641	1078.23	9865
H Dec 2015	857	43	36	619	10.1	9	618	656	1080.91	10087
I Jan 2016	857	89	30	662	10.8	8	661	671	1083.68	10318
S Feb 2016	700	81	28	699	12.2	10	698	673	1084.17	10360
T Mar 2016	694	31	31	1008	16.4	18	1007	653	1080.45	10048
O Apr 2016	665	68	38	1055	17.7	18	1055	630	1076.13	9693
R May 2016	700	50	43	887	14.4	22	885	618	1073.80	9504
I Jun 2016	800	14	51	920	15.5	28	919	606	1071.64	9330
C Jul 2016	950	70	64	831	13.5	30	840	612	1072.75	9419
A Aug 2016	900	107	69	701	11.4	28	700	625	1075.17	9615
L Sep 2016	699	88	57	702	11.8	23	701	625	1075.23	9620
WY 2016	9000	799	531	9293		225	9291			
* Oct 2016	601	79	42	518	8.4	25	517	631	1076.34	9710
Nov 2016	744	56	42	741	12.4	9	741	632	1076.44	9718
Dec 2016	800	54	36	494	8.0	5	494	651	1080.08	10017
Jan 2017	800	62	30	686	11.2	5	686	660	1081.66	10149
Feb 2017	650	73	28	666	12.0	6	666	661	1081.92	10171
Mar 2017	600	55	31	1035	16.8	14	1035	635	1077.10	9772
Apr 2017	600	53	37	1093	18.4	21	1093	605	1071.32	9305
May 2017	600	37	42	936	15.2	26	936	582	1066.97	8960
Jun 2017	800	21	50	844	14.2	27	844	576	1065.77	8866
Jul 2017	1000	78	63	802	13.1	30	802	587	1067.96	9038
Aug 2017	1006	124	67	750	12.2	28	750	605	1071.33	9306
Sep 2017	799	112	56	740	12.4	25	740	610	1072.40	9391
WY 2017	9000	805	523	9306		220	9305			
Oct 2017	600	69	41	543	8.8	20	543	614	1073.15	9452
Nov 2017	600	56	41	681	11.4	12	681	610	1072.24	9378
Dec 2017	800	54	35	644	10.5	8	644	620	1074.18	9535
Jan 2018	800	62	29	691	11.2	15	691	627	1075.65	9654
Feb 2018	650	73	27	663	11.9	17	663	628	1075.83	9669
Mar 2018	650	55	30	1006	16.4	23	1006	607	1071.72	9336
Apr 2018	600	53	36	1055	17.7	26	1055	579	1066.20	8900
May 2018	650	37	41	959	15.6	32	959	557	1062.01	8577
Jun 2018	800	21	49	917	15.4	32	917	547	1059.84	8411
Jul 2018	1000	78	61	831	13.5	32	831	556	1061.74	8555
Aug 2018	1050	124	66	740	12.0	29	740	577	1065.86	8874
Sep 2018	800	112	55	696	11.7	26	696	585	1067.49	9001
WY 2018	9000	795	511	9426		273	9426			
Oct 2018	600	69	40	422	6.9	26	422	596	1069.64	9171

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



November 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)
* Nov 2015	631	-14	10	599	0	599	10.1	636.11	1514
H Dec 2015	619	-13	9	527	0	527	8.6	638.77	1585
I Jan 2016	662	-32	10	553	0	553	9.0	641.26	1651
S Feb 2016	699	-20	10	675	0	675	11.7	641.04	1645
T Mar 2016	1008	-16	13	921	0	921	15.0	643.17	1703
O Apr 2016	1055	-18	17	979	0	979	16.4	644.70	1746
R May 2016	887	-6	22	903	0	903	14.7	643.07	1701
I Jun 2016	920	-16	26	838	0	838	14.1	644.53	1741
C Jul 2016	831	-24	26	803	0	803	13.1	643.75	1719
A Aug 2016	701	-12	23	714	0	714	11.6	642.00	1671
L Sep 2016	702	-18	18	711	0	711	11.9	640.34	1627
WY 2016	9293	-195	198	8879	0	8879			
* Oct 2016	518	-7	15	640	0	640	10.4	634.86	1482
Nov 2016	741	-8	11	587	0	587	9.9	640.01	1617
Dec 2016	494	-12	9	473	0	473	7.7	640.01	1617
Jan 2017	686	-14	10	614	0	614	10.0	641.80	1666
Feb 2017	666	-14	10	643	0	643	11.6	641.80	1666
Mar 2017	1035	-16	13	972	0	972	15.8	643.05	1700
Apr 2017	1093	-19	17	1058	0	1058	17.8	643.00	1699
May 2017	936	-13	22	901	0	901	14.6	643.00	1699
Jun 2017	844	-16	25	830	0	830	13.9	642.00	1671
Jul 2017	802	-13	25	777	0	777	12.6	641.50	1658
Aug 2017	750	-11	23	716	0	716	11.6	641.50	1658
Sep 2017	740	-9	18	753	0	753	12.7	640.01	1617
WY 2017	9306	-152	197	8965	0	8965			
Oct 2017	543	-1	15	710	0	710	11.6	633.00	1434
Nov 2017	681	-8	10	612	0	612	10.3	635.00	1486
Dec 2017	644	-12	9	526	0	526	8.6	638.71	1583
Jan 2018	691	-14	10	584	0	584	9.5	641.80	1666
Feb 2018	663	-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
May 2018	959	-13	22	923	0	923	15.0	643.00	1699
Jun 2018	917	-16	25	903	0	903	15.2	642.00	1671
Jul 2018	831	-13	25	806	0	806	13.1	641.50	1658
Aug 2018	740	-11	23	707	0	707	11.5	641.50	1658
Sep 2018	696	-9	18	709	0	709	11.9	640.01	1617
WY 2018	9426	-146	197	9083	0	9083			
Oct 2018	422	-1	15	589	0	589	9.6	633.00	1434

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



November 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)
*	Nov 2015	599	11	9	385	6.5	98	120	447.57	572	93	1.6
H	Dec 2015	527	22	7	321	5.2	101	130	446.92	560	105	1.7
I	Jan 2016	553	26	6	324	5.3	97	156	446.60	554	154	2.5
S	Feb 2016	675	9	8	543	9.4	13	117	446.50	552	180	3.1
T	Mar 2016	921	18	9	695	11.3	89	123	447.40	569	221	3.6
O	Apr 2016	979	18	11	689	11.6	93	169	448.89	597	202	3.4
R	May 2016	903	13	13	636	10.3	97	176	448.08	581	97	1.6
I	Jun 2016	838	18	15	633	10.6	95	89	448.81	596	92	1.5
C	Jul 2016	803	20	17	617	10.0	100	74	449.03	600	102	1.7
A	Aug 2016	714	22	17	570	9.3	85	65	448.50	590	99	1.6
L	Sep 2016	711	14	15	490	8.2	89	134	447.97	579	92	1.5
	WY 2016	8879	225	140	6360		1057	1467			1496	
*	Oct 2016	640	36	12	466	7.6	80	133	446.90	559	61	1.0
	Nov 2016	587	22	9	397	6.7	76	132	446.30	548	97	1.6
	Dec 2016	473	19	6	291	4.7	76	114	446.30	548	106	1.7
	Jan 2017	614	13	6	379	6.2	77	156	446.50	552	154	2.5
	Feb 2017	643	12	8	493	8.9	70	76	446.50	552	180	3.2
	Mar 2017	972	4	9	727	11.8	77	151	446.70	555	206	3.4
	Apr 2017	1058	19	11	761	12.8	75	181	448.70	593	192	3.2
	May 2017	901	16	13	628	10.2	77	186	448.70	593	97	1.6
	Jun 2017	830	14	16	664	11.2	75	76	448.70	593	98	1.6
	Jul 2017	777	29	17	636	10.3	77	76	448.00	580	99	1.6
	Aug 2017	716	26	17	570	9.3	77	76	447.50	571	99	1.6
	Sep 2017	753	23	15	522	8.8	75	156	447.50	570	89	1.5
	WY 2017	8965	234	139	6534		914	1517			1478	
	Oct 2017	710	27	12	494	8.0	77	146	447.50	571	68	1.1
	Nov 2017	612	22	9	398	6.7	75	146	447.50	571	103	1.7
	Dec 2017	526	19	7	329	5.3	77	146	446.50	552	115	1.9
	Jan 2018	584	13	6	380	6.2	101	106	446.50	552	150	2.4
	Feb 2018	639	12	8	477	8.6	58	99	446.50	552	175	3.1
	Mar 2018	943	4	9	719	11.7	84	124	446.70	555	199	3.2
	Apr 2018	1021	19	11	758	12.7	98	124	448.70	593	185	3.1
	May 2018	923	16	13	677	11.0	101	137	448.70	593	93	1.5
	Jun 2018	903	14	16	689	11.6	98	99	448.70	593	94	1.6
	Jul 2018	806	29	17	655	10.6	101	62	448.00	580	95	1.5
	Aug 2018	707	26	17	555	9.0	101	56	447.50	571	96	1.6
	Sep 2018	709	23	15	498	8.4	98	112	447.50	570	86	1.5
	WY 2018	9083	224	139	6629		1069	1359			1460	
	Oct 2018	589	27	12	458	7.4	28	112	447.50	571	66	1.1

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



November 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
* Nov 2015	631	10.6	1078.23	9865	-63	433.49	1088.0	244.8	70	387.9
H Dec 2015	619	10.1	1080.91	10087	222	434.77	1069.0	241.9	68	390.9
I Jan 2016	662	10.8	1083.68	10318	232	438.04	775.0	258.5	49	390.7
S Feb 2016	699	12.2	1084.17	10360	41	437.39	880.0	277.0	55	396.1
T Mar 2016	1008	16.4	1080.45	10048	-311	434.20	973.0	402.7	61	399.7
O Apr 2016	1055	17.7	1076.13	9693	-355	429.37	1244.0	413.9	80	392.2
R May 2016	887	14.4	1073.80	9504	-189	426.83	1164.0	343.6	74	387.5
I Jun 2016	920	15.5	1071.64	9330	-174	425.27	1528.0	349.7	100	380.2
C Jul 2016	831	13.5	1072.75	9419	89	427.46	1528.0	311.5	100	374.8
A Aug 2016	701	11.4	1075.17	9615	196	431.00	1549.0	265.2	100	378.4
L Sep 2016	702	11.8	1075.23	9620	5	429.97	1539.0	266.3	100	379.1
WY 2016	9293							3596.9		
* Oct 2016	518	8.4	1076.34	9710	90	438.10	1072.0	195.2	80	377.1
Nov 2016	741	12.4	1076.44	9718	8	428.67	1072.0	287.3	80	387.9
Dec 2016	494	8.0	1080.08	10017	299	428.05	1374.0	189.5	88	383.3
Jan 2017	686	11.2	1081.66	10149	132	430.56	1285.0	263.3	83	383.7
Feb 2017	666	12.0	1081.92	10171	22	431.50	1217.0	259.3	77	389.2
Mar 2017	1035	16.8	1077.10	9772	-399	428.53	1240.0	402.5	80	388.8
Apr 2017	1093	18.4	1071.32	9305	-467	422.79	1225.0	423.9	81	387.9
May 2017	936	15.2	1066.97	8960	-345	417.88	1189.0	355.4	80	379.7
Jun 2017	844	14.2	1065.77	8866	-94	413.34	1475.0	317.7	100	376.4
Jul 2017	802	13.1	1067.96	9038	172	414.32	1484.0	300.3	100	374.2
Aug 2017	750	12.2	1071.33	9306	268	417.24	1505.0	280.5	100	374.0
Sep 2017	740	12.4	1072.40	9391	85	419.92	1512.0	279.2	100	377.3
WY 2017	9306							3554.1		
Oct 2017	543	8.8	1073.15	9452	61	425.65	1135.0	203.8	75	375.2
Nov 2017	681	11.4	1072.24	9378	-73	427.97	1120.0	262.0	73	384.6
Dec 2017	644	10.5	1074.18	9535	156	426.52	1149.0	247.6	74	384.4
Jan 2018	691	11.2	1075.65	9654	119	427.24	974.0	266.7	63	385.9
Feb 2018	663	11.9	1075.83	9669	15	427.05	975.0	257.5	63	388.7
Mar 2018	1006	16.4	1071.72	9336	-332	423.96	1064.0	389.2	70	387.0
Apr 2018	1055	17.7	1066.20	8900	-436	417.58	1206.5	402.2	81	381.1
May 2018	959	15.6	1062.01	8577	-324	412.88	1173.4	360.6	80	376.1
Jun 2018	917	15.4	1059.84	8411	-166	407.96	1454.2	336.5	100	366.9
Jul 2018	831	13.5	1061.74	8555	145	408.31	1464.9	307.2	100	369.8
Aug 2018	740	12.0	1065.86	8874	319	411.45	1488.2	272.7	100	368.2
Sep 2018	696	11.7	1067.49	9001	127	414.78	1497.3	257.5	100	370.0
WY 2018	9426							3563.5		
Oct 2018	422	6.9	1069.64	9171	170	421.47	1124.9	157.0	75	372.3

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



November 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
*	Nov 2015	599	10.1	636.11	1514	8	136.53	165.8	72.5	65	121.0
H	Dec 2015	527	8.6	638.77	1585	70	135.98	155.6	65.1	61	123.6
I	Jan 2016	553	9.0	641.26	1651	67	141.86	163.2	71.9	64	129.9
S	Feb 2016	675	11.7	641.04	1645	-6		178.5	86.3	70	127.8
T	Mar 2016	921	15.0	643.17	1703	58	139.07	214.2	117.9	84	128.0
O	Apr 2016	979	16.4	644.70	1746	42	143.66	255.0	125.4	100	128.2
R	May 2016	903	14.7	643.07	1701	-45	141.63	252.5	115.5	99	127.8
I	Jun 2016	838	14.1	644.53	1741	40	143.17	255.0	107.4	100	128.1
C	Jul 2016	803	13.1	643.75	1719	-22	144.39	252.5	103.3	99	128.6
A	Aug 2016	714	11.6	642.00	1671	-48	142.46	255.0	91.6	100	128.4
L	Sep 2016	711	11.9	640.34	1627	-45	138.91	255.0	90.5	100	127.3
WY 2016		8879						1129.0			
*	Oct 2016	640	10.4	634.86	1482	-144	135.70	196.4	79.3	77	123.8
	Nov 2016	587	9.9	640.01	1617	135	133.12	160.7	71.7	63	122.0
	Dec 2016	473	7.7	640.01	1617	0	135.53	168.3	59.2	66	125.2
	Jan 2017	614	10.0	641.80	1666	48	135.07	211.7	76.8	83	125.1
	Feb 2017	643	11.6	641.80	1666	0	136.69	188.7	80.6	74	125.3
	Mar 2017	972	15.8	643.05	1700	34	137.24	191.3	121.1	75	124.5
	Apr 2017	1058	17.8	643.00	1699	-2	136.07	255.0	131.7	100	124.5
	May 2017	901	14.6	643.00	1699	0	136.04	255.0	112.9	100	125.4
	Jun 2017	830	13.9	642.00	1671	-27	135.51	255.0	103.8	100	125.2
	Jul 2017	777	12.6	641.50	1658	-14	134.73	255.0	97.1	100	124.9
	Aug 2017	716	11.6	641.50	1658	0	134.46	255.0	89.5	100	125.0
	Sep 2017	753	12.7	640.01	1617	-40	133.68	255.0	93.4	100	124.0
WY 2017		8965						1117.2			
	Oct 2017	710	11.6	633.00	1434	-183	130.77	201.5	85.7	79	120.6
	Nov 2017	612	10.3	635.00	1486	51	129.16	170.9	72.7	67	118.8
	Dec 2017	526	8.6	638.71	1583	97	132.23	168.3	64.1	66	122.0
	Jan 2018	584	9.5	641.80	1666	83	134.39	211.7	72.9	83	124.7
	Feb 2018	639	11.5	641.80	1666	0	136.69	188.7	80.1	74	125.4
	Mar 2018	943	15.3	643.05	1700	34	137.24	191.3	117.5	75	124.7
	Apr 2018	1021	17.2	643.00	1699	-2	136.07	255.0	127.2	100	124.6
	May 2018	923	15.0	643.00	1699	0	136.04	255.0	115.7	100	125.3
	Jun 2018	903	15.2	642.00	1671	-27	135.51	255.0	112.6	100	124.8
	Jul 2018	806	13.1	641.50	1658	-14	134.73	255.0	100.5	100	124.8
	Aug 2018	707	11.5	641.50	1658	0	134.46	255.0	88.4	100	125.1
	Sep 2018	709	11.9	640.01	1617	-40	133.68	255.0	88.1	100	124.3
WY 2018		9083						1125.6			
	Oct 2018	589	9.6	633.00	1434	-183	130.46	211.7	71.4	83	121.3

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



November 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
*	Nov 2015	385	6.5	447.57	572	-6	83.21	96.0	27.1	80	70.3
H	Dec 2015	321	5.2	446.92	560	-12	82.51	120.0	21.9	100	68.4
I	Jan 2016	324	5.3	446.60	554	-6	80.76	94.8	22.3	79	68.8
S	Feb 2016	528	9.4	446.50	552	-2	78.54	87.6	38.1	73	72.2
T	Mar 2016	695	11.3	447.40	569	17	81.63	104.4	48.9	87	70.3
O	Apr 2016	689	11.6	448.89	597	28	83.09	120.0	48.4	100	70.3
R	May 2016	636	10.3	448.08	581	-15	82.13	120.0	45.1	100	70.9
I	Jun 2016	633	10.6	448.81	596	14	83.02	120.0	44.8	100	70.8
C	Jul 2016	617	10.0	449.03	600	4	83.16	120.0	43.7	100	70.9
A	Aug 2016	570	9.3	448.50	590	-10	82.60	120.0	40.2	100	70.7
L	Sep 2016	490	8.2	447.97	579	-10	82.24	120.0	34.7	100	70.9
	WY 2016	6345							447.6		
*	Oct 2016	466	7.6	446.90	559	-20	78.88	93.6	32.8	78	70.5
	Nov 2016	397	6.7	446.30	548	-11	75.42	90.0	25.8	75	64.9
	Dec 2016	291	4.7	446.30	548	0	73.82	117.6	18.1	98	62.4
	Jan 2017	379	6.2	446.50	552	4	75.04	93.6	24.4	78	64.3
	Feb 2017	493	8.9	446.50	552	0	74.71	102.0	32.1	85	65.1
	Mar 2017	727	11.8	446.70	555	4	74.01	120.0	47.2	100	65.0
	Apr 2017	761	12.8	448.70	593	38	75.08	120.0	50.2	100	65.9
	May 2017	628	10.2	448.70	593	0	76.05	120.0	41.6	100	66.2
	Jun 2017	664	11.2	448.70	593	0	76.05	120.0	44.1	100	66.4
	Jul 2017	636	10.3	448.00	580	-13	75.71	120.0	42.0	100	66.0
	Aug 2017	570	9.3	447.50	571	-9	75.13	120.0	37.2	100	65.3
	Sep 2017	522	8.8	447.50	570	0	74.89	120.0	33.9	100	65.0
	WY 2017	6534							429.5		
	Oct 2017	494	8.0	447.50	571	0	75.74	100.8	32.4	84	65.6
	Nov 2017	398	6.7	447.50	571	0	75.92	97.2	26.0	81	65.2
	Dec 2017	329	5.3	446.50	552	-19	74.40	120.0	20.8	100	63.2
	Jan 2018	380	6.2	446.50	552	0	74.89	98.4	24.4	82	64.2
	Feb 2018	477	8.6	446.50	552	0	75.07	94.8	31.2	79	65.4
	Mar 2018	719	11.7	446.70	555	4	74.01	120.0	46.7	100	65.0
	Apr 2018	758	12.7	448.70	593	38	75.08	120.0	50.0	100	65.9
	May 2018	677	11.0	448.70	593	0	76.05	120.0	44.9	100	66.4
	Jun 2018	689	11.6	448.70	593	0	76.05	120.0	45.8	100	66.5
	Jul 2018	655	10.6	448.00	580	-13	75.71	120.0	43.3	100	66.1
	Aug 2018	555	9.0	447.50	571	-9	75.13	120.0	36.2	100	65.3
	Sep 2018	498	8.4	447.50	570	0	74.89	120.0	32.3	100	64.9
	WY 2018	6629							434.0		
	Oct 2018	458	7.4	447.50	571	0	75.86	98.4	30.0	82	65.5

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



November 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
* Nov 2015	256	52	13	15	0	4
H Dec 2015	378	53	18	16	7	4
I Jan 2016	373	52	17	22	13	3
S Feb 2016	302	45	16	21	12	4
T Mar 2016	298	20	10	11	7	4
Winter 2016	1871	274	100	118	38	23
O Apr 2016	288	19	18	25	16	4
R May 2016	305	20	38	61	21	7
I Jun 2016	360	105	14	18	15	9
C Jul 2016	435	46	34	40	22	6
A Aug 2016	408	44	33	39	22	6
L Sep 2016	315	42	30	36	20	3
Summer 2016	2111	276	166	218	116	34
* Oct 2016	269	33	26	33	19	0
Nov 2016	298	28	11	11	6	5
Dec 2016	318	39	14	17	9	5
Jan 2017	315	40	14	17	9	5
Feb 2017	254	36	12	15	8	4
Mar 2017	234	19	12	16	8	4
Winter 2017	1687	196	88	109	58	23
Apr 2017	233	17	15	20	11	6
May 2017	235	38	49	64	23	6
Jun 2017	318	86	18	24	14	8
Jul 2017	399	36	23	29	15	10
Aug 2017	397	36	25	31	16	8
Sep 2017	313	35	21	27	14	7
Summer 2017	1895	248	151	195	93	45
Oct 2017	233	36	14	18	10	6
Nov 2017	232	35	5	7	4	6
Dec 2017	308	36	6	8	5	6
Jan 2018	305	36	10	13	7	6
Feb 2018	246	32	9	12	6	5
Mar 2018	245	36	10	14	8	5
Winter 2018	1569	211	54	73	40	33
Apr 2018	227	35	15	23	13	6
May 2018	251	58	50	71	23	7
Jun 2018	319	51	21	32	21	9
Jul 2018	405	36	27	34	19	10
Aug 2018	423	36	28	34	18	10
Sep 2018	319	35	25	30	15	8
Summer 2018	1624	216	142	193	94	40
Oct 2018	238	36	16	20	11	8

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



November 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 ****								**** CREDITABLE SPACE ****										
Nov 2016	679	221	396	11644	12940	17667	30607	679	221	396	1296	11644	17667	30607	3810	741	0	29.7
Dec 2016	690	230	403	11983	13305	17659	30965	690	230	403	1323	11983	17659	30965	4580	494	0	29.5
Jan 2017	758	251	411	12365	13785	17360	31145	758	251	411	1420	12365	17360	31145	5350	686	0	29.2
**** PREDICTED SPACE ****								**** EFFECTIVE SPACE ****										
Jan 2017	758	251	411	12365	13785	17360	31145	373	41	340	754	12365	17360	30479	5350	686	0	29.2
Feb 2017	824	274	420	12748	14266	17228	31493	438	65	349	851	12748	17228	30827	1500	666	0	29.0
Mar 2017	882	295	423	12969	14569	17206	31775	494	87	351	932	12969	17206	31108	1500	1035	0	28.5
Apr 2017	846	305	402	13127	14680	17605	32284	452	98	323	874	13127	17605	31606	1500	1093	0	28.1
May 2017	780	298	367	13178	14623	18072	32695	378	90	266	734	13178	18072	31984	1500	936	0	28.6
Jun 2017	674	322	265	12580	13842	18417	32259	262	103	126	491	12580	18417	31488	1500	844	0	29.6
Jul 2017	552	225	208	11703	12689	18511	31200	127	-11	14	130	11703	18511	30344	1500	802	0	29.4
**** PREDICTED SPACE ****								**** CREDITABLE SPACE ****										
Aug 2017	443	236	254	12128	13060	18339	31399	443	236	254	932	12128	18339	31399	1500	750	0	29.0
Sep 2017	472	269	290	12672	13703	18071	31774	472	269	290	1031	12672	18071	31774	2270	740	0	28.5
Oct 2017	527	299	311	13070	14207	17986	32193	527	299	311	1137	13070	17986	32193	3040	543	0	28.2
Nov 2017	576	311	305	13217	14409	17925	32335	576	311	305	1192	13217	17925	32335	3810	681	0	28.0
Dec 2017	624	299	305	13377	14605	17999	32603	624	299	305	1228	13377	17999	32603	4580	644	0	27.8
Jan 2018	689	291	308	13752	15041	17842	32883	689	291	308	1289	13752	17842	32883	5350	691	0	27.5
**** PREDICTED SPACE ****								**** EFFECTIVE SPACE ****										
Jan 2018	689	291	308	13752	15041	17842	32883	388	280	54	722	13752	17842	32316	5350	691	0	27.6
Feb 2018	749	300	314	14101	15463	17723	33186	446	290	59	795	14101	17723	32619	1500	663	0	27.3
Mar 2018	795	306	308	14305	15715	17708	33423	490	298	52	841	14305	17708	32855	1500	1006	0	27.0
Apr 2018	796	304	254	14365	15719	18041	33759	486	297	-8	775	14365	18041	33181	1500	1055	0	27.0
May 2018	764	283	165	14125	15337	18477	33814	448	272	-121	600	14125	18477	33201	1500	959	0	28.2
Jun 2018	687	242	210	12687	13826	18800	32626	362	222	-115	469	12687	18800	31956	1500	917	0	29.7
Jul 2018	454	71	373	11263	12160	18966	31127	112	30	-8	134	11263	18966	30363	1500	831	0	29.8
**** PREDICTED SPACE ****								**** CREDITABLE SPACE ****										
Aug 2018	361	40	441	11290	12132	18822	30954	361	40	441	842	11290	18822	30954	1500	740	0	29.6
Sep 2018	386	59	463	11781	12689	18503	31192	386	59	463	908	11781	18503	31192	2270	696	0	29.2
Oct 2018	439	92	463	12105	13099	18376	31475	439	92	463	994	12105	18376	31475	3040	422	0	29.1

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