

November 24-Month Study
Date: November 13, 2014

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 12 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	85,000	175	6501.08	306,000
Flaming Gorge	105,000	178	6028.65	3,297,000
Blue Mesa	55,000	145	7491.36	592,000
Navajo	68,000	145	6038.58	1,098,000
Powell	715,000	140	3603.92	12,128,000

Expected Operations

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

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2015 is the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2015. This November 2014 24-Month Study projects that, consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is likely to occur and Lake Powell is currently projected to release 9.0 maf in water year 2015.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar years 2014 and 2015.

The tier determinations will be documented in the 2015 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 2014 AOP is available for download at:

<http://www.usbr.gov/lc/region/g4000/aop/AOP14.pdf>.

The draft 2015 AOP is available for download at

http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP15_draft.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of October were 85,000 acre-feet (AF), or 175 percent of average. The reservoir elevation is 6501 feet, 89 percent of live capacity. Inflows are averaging 1,000 cubic feet per second (cfs). Fontenelle releases are currently at 1,250 cfs and will remain at this level through spring.

Inflows for the next three months are projected to be above average: with November, December and January forecasted inflow volumes at 58,000 AF (138% of average), 42,000 AF (131% of average), and 40,000 AF (132% of average), respectively.

The next Fontenelle Working Group meeting is scheduled for April 22, 2015, at 10:00 am at Seedskaadee Wildlife Refuge in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of October was 105,000 acre-feet (AF), or 178 percent of average. The reservoir elevation is 6,028.6 feet. Observed inflows are averaging 1,200 cubic feet per second (cfs).

Flaming Gorge releases are currently 1,300 cfs average daily release with hourly fluctuations for hydropower through November. Releases will be increased to an average daily release of approximately 2,000 cfs with fluctuations for hydropower during December through February.

Inflows for the next three months are projected to be above average: with November, December and January forecasted inflow volumes at 72,000 AF (141% of average), 50,000 AF (143% of average), and 50,000 AF (124% of average), respectively.

The next Flaming Gorge Working Group meeting is scheduled for April 23, 2015, at 11:00 a.m. to be held in the Utah Department of Natural Resources building in Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are

posted on the Working Group webpage. For more information on this group and these meetings please contact Heather Patno at 801-524-3883.

Aspinall Unit Reservoirs – October unregulated inflow into Blue Mesa Reservoir was 55,000 acre-feet or 145 percent of average. Precipitation during October was observed to be about 60 percent of average. The current inflow rate into Blue Mesa Reservoir is about 650 cfs while reservoir releases are averaging about 400 cfs. Blue Mesa's present elevation is 7491.36 feet, which corresponds to a storage content of about 592,000 acre-feet. The unregulated reservoir inflow into Blue Mesa Reservoir during water year 2014 was 1.145 million acre-feet, or about 120 percent of average.

Releases from Crystal are currently set at 350 cfs. The Gunnison Diversion Tunnel was shut down for the season on October 31st, with exception of some small 50 to 100 cfs diversions taken bi-weekly for municipal water needs in Montrose, Colorado. River flows below the tunnel are essentially the same as releases from the Dam. With Blue Mesa Reservoir being above the winter target elevation of 7490 feet, Aspinall reservoir releases maybe increasing over the remainder of November through December to help meet icing target.

Pursuant to the Aspinall Unit Operations Record of Decision (ROD), the baseflow target in the lower Gunnison River, as measured at the Whitewater gage, is 1050 cfs for September through December. Flows in the lower Gunnison River are currently above the baseflow target of 1050 cfs. River flows have remained relatively high due to the September rains and flows are expected to stay above the October baseflow target for the foreseeable future.

On November 3, 2014, the National Weather Service's River Forecasting Center issued its forecasted inflow into Blue Mesa for the next 3 months. The unregulated inflow forecast for November, December, and January is for 90,000 acre-feet, which is 111% of average for these months.

The next operation meeting is scheduled for 1:00 p.m., Thursday, January 22nd, 2015 at the Holiday Inn Express in Montrose, Colorado. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2015 operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Navajo Reservoir – Reclamation has been releasing 350 cfs from Navajo Reservoir since September 24th, 2014. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6038.5 ft of pool elevation and 1,096,364 acre-ft of storage by the end of October, which was 80% of average for the end of the month. Observed inflow into Navajo was 45,972 af, (modified-unregulated inflow volume of 67,803 af) which was 91% of average for October. Calculated evaporation for the month was 1,459 acre-ft. Navajo's release was 350 cfs for the duration of the month. Navajo Reservoir recorded 0.24 inches of liquid precipitation (20% of average). NIIP ceased diversions for the year on October 20th.

As of November 4th, the release at Navajo (as measured at the USGS at Archuleta gage) was 356 cfs, and the observed inflow is 574 cfs. The reservoir elevation is 6038.53 ft and the content is 1,097,005 acre-ft, or 64% full (42% of Active). The San Juan River at Four Corners USGS gage is at 940 cfs, and the Animas River at Farmington USGS gage is at 508 cfs

The most probable modified-unregulated inflow forecast* for November at Navajo is 30,000 acre-ft (90% of average), for December is 22,000 acre-ft (88% of average), and for January is 19,000 acre-ft (87% of average). The reservoir is forecast to reach a minimum overwinter storage level of 6037.38 ft (1,084,755 af) in mid-February.

The last public operations meeting was held on August 26th at the Farmington Civic Center. Meeting notes are available on the USBR website. The next operations meeting is scheduled for Tuesday, January 20th 2015.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell in October was 716 thousand acre-feet (kaf) (140% of average). The release volume from Glen Canyon Dam in October was 598 kaf. The end of October elevation and storage of Lake Powell were 3,605.6 feet (94 feet from full pool) and 12.29 million acre-feet (maf) (51% of full capacity), respectively. The reservoir elevation is now declining and is expected to continue to decline until spring 2015.

Current Operations

The operating tier for water year 2015 was established in August 2014 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 2015. An April adjustment to balancing releases is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2015. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2015.

On November 10-15, 2014, the Department of Interior is conducting a high flow experimental (HFE) release 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 third conducted under the Protocol. Beginning on the morning of November 10th, releases from Glen Canyon Dam were increased up to full power plant capacity (approximately 22,500 cfs). At midday on November 10th, bypass tubes at Glen Canyon Dam were opened and releases continued to increase up to full power plant and bypass capacity (approximately 37,500 cfs) by the evening of November 10th. Releases will be maintained at peak release for 4 days (96 hours) and then begin ramping back down. Releases will return to normal operations in the afternoon of November 15th. The entire experiment, including ramping is expected to last 5 and a half days. November releases from Glen Canyon Dam prior to and after the HFE are expected to fluctuate between 6,500cfs and 9,000cfs. The elevation of Lake Powell is expected to decrease approximately 2 ½ to 3 feet during the 5 and a half day experiment. The total release in November, including the HFE, is anticipated to be approximately 770 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 866 kaf, with fluctuations anticipated between about 9,500 cfs in the nighttime to about 17,500 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 866 kaf.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of 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 typically maintains 41MW (approximately 1,200 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 2015 unregulated inflow to Lake Powell, issued on November 1, 2014, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 9.55 maf (88% of average based on the period 1981-2010). This is about a 1 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 7.4 maf (68% of

average) to a maximum probable of 18.6 maf (172% 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 2014 24-Month Study, Lake Powell's operations in water year 2015 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 2015. An April adjustment to balancing releases is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2015. This determination will be documented in the 2015 Annual Operating Plan, which is currently in the final stages of development.

Based on the current forecast, the November [24-Month Study](#) projects Lake Powell elevation will end water year 2015 near 3,603 feet with approximately 12.08 maf in storage (50% 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. Under the minimum probable inflow scenario, which was updated in October, the projected end of water year elevation and storage are 3589 feet and 10.71 maf (44% capacity), respectively. Under the maximum probable inflow scenario, which was updated in October, the projected end of water year elevation and storage are 3649 feet and 17.09 maf (70% capacity), respectively. The annual release volume from Lake Powell during water year 2015 is projected to be 9.0 maf under the minimum and most probable inflow scenarios and 12.1 maf under the maximum probable inflow scenario. There is a 10% chance that inflows will be higher, potentially resulting in higher releases; and 10% chance that inflows will be lower, potentially resulting in lower releases. If inflows are less than the current forecasted minimum probable inflow, the water year 2015 annual release could be as low as 8.23 maf. If inflows are greater than the current forecasted maximum probable inflow, the annual release could be greater than 12.1 maf.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 15-year period 2000 to 2014, 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 15 years. The period 2000-2014 is the lowest 15-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.39 maf, or 78% 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 2000-2014 period has ranged from a low of 2.64 maf (24% of average) in water year 2002 to a high of 15.97 maf (147% of average) in water year 2011. The water year 2014 unregulated inflow volume to Lake Powell was 10.381 maf (96% of average), which was significantly higher than inflows observed in 2012 and 2013 (45% and 47% of average, respectively). Under the current most probable forecast, total water year 2015 unregulated inflows to Lake Powell is projected to be 9.55 maf (88% of average).

At the beginning of water year 2015, total system storage in the Colorado River Basin was 30.0 maf (50% of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water year 2014 which began at 29.9 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 2015 total Colorado Basin reservoir storage is approximately 29.5 maf (50% of capacity). The actual end of water year storage may vary from this projection, primarily due to uncertainty regarding next season's snowpack and resulting runoff. Based on October minimum and maximum probable inflow forecasts and modeling the range is approximately 27.4 maf (46%) to 38.1 maf (64%), 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		838	517	511	715	140%:	470/	370/	330/
GBRW4: Fontenelle		220	98	69	85	175%:	58/	42/	40/
GRNU1: Flaming Gorge		226	126	99	105	178%:	72/	50/	50/
BMDC2: Blue Mesa		117	64	48	55	145%:	36/	29/	25/
MPSC2: Morrow Point		120	64	49	56	138%:	37/	30/	27/
CLSC2: Crystal		130	69	53	61	130%:	42/	35/	31/
TPIC2: Taylor Park		18.6	11.6	9.4	9.2	138%:	6/	5/	4.5/
VCRC2: Vallecito		15.4	13.8	22	23	147%:	8.7/	6/	4.7/
NVRN5: Navajo		14.0	14.1	39	68	145%:	30/	22/	19/
LEMC2: Lemon		3.3	3.9	5.8	5.6	176%:	1.7/	1/	0.8/
MPHC2: McPhee		9.5	7.7	14.4	10.6	121%:	5.6/	4/	3.8/
RBSC2: Ridgway		17.9	11.5	12.1	10.3	134%:	6/	4.7/	4/

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November 2014 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 2013	41	1	51	4	55	6489.91	226
H	Dec 2013	30	1	61	0	61	6485.02	195
I	Jan 2014	29	1	61	0	61	6479.35	163
S	Feb 2014	29	0	55	0	55	6474.06	136
T	Mar 2014	56	0	71	0	71	6470.70	121
O	Apr 2014	101	1	83	1	84	6474.33	138
R	May 2014	272	1	96	126	222	6483.58	186
I	Jun 2014	427	2	104	254	364	6492.90	247
C	Jul 2014	220	3	90	1	117	6506.25	347
A	Aug 2014	98	2	100	1	108	6504.71	335
L	Sep 2014	69	2	21	66	87	6502.07	314
	WY 2014	1424	15	811	478	1328		
*	Oct 2014	85	1	80	10	90	6501.37	309
	Nov 2014	58	1	70	0	70	6499.71	297
	Dec 2014	42	1	74	0	74	6495.25	264
	Jan 2015	40	1	74	0	74	6490.18	230
	Feb 2015	35	1	67	0	67	6485.24	197
	Mar 2015	55	1	101	3	105	6476.18	147
	Apr 2015	82	1	95	7	101	6471.92	127
	May 2015	155	1	99	9	108	6481.21	174
	Jun 2015	300	2	101	107	208	6495.11	263
	Jul 2015	165	3	95	0	95	6504.07	330
	Aug 2015	66	2	74	0	74	6502.78	320
	Sep 2015	42	2	36	29	65	6499.47	295
	WY 2015	1125	15	966	164	1130		
	Oct 2015	46	1	68	0	68	6496.34	272
	Nov 2015	41	1	65	0	65	6492.77	247
	Dec 2015	32	1	68	0	68	6487.28	210
	Jan 2016	30	1	68	0	68	6481.02	173
	Feb 2016	28	1	63	0	63	6473.89	136
	Mar 2016	53	0	68	0	68	6470.42	121
	Apr 2016	85	1	89	0	89	6469.37	116
	May 2016	164	1	98	9	108	6480.82	171
	Jun 2016	299	2	101	109	211	6494.37	258
	Jul 2016	178	3	92	0	92	6505.37	341
	Aug 2016	77	2	92	0	92	6503.09	323
	Sep 2016	46	2	73	0	73	6499.36	294
	WY 2016	1078	15	945	119	1064		
	Oct 2016	49	1	71	0	71	6496.18	271

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



November 2014 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 2013	41	55	3	48	0	48	114	6015.47	2823	92
H	Dec 2013	32	62	2	49	0	49	114	6015.79	2834	66
I	Jan 2014	33	65	2	49	0	49	115	6016.19	2847	77
S	Feb 2014	46	71	2	45	0	45	116	6016.89	2871	88
T	Mar 2014	86	100	3	49	1	50	117	6018.21	2917	123
O	Apr 2014	128	111	5	50	0	50	120	6019.75	2971	306
R	May 2014	333	283	8	53	0	53	128	6025.67	3185	594
I	Jun 2014	472	409	10	208	85	293	132	6028.39	3287	775
C	Jul 2014	226	123	13	105	0	105	132	6028.51	3292	208
A	Aug 2014	126	136	13	122	0	122	132	6028.53	3293	190
L	Sep 2014	99	118	11	116	0	116	132	6028.31	3284	170
	WY 2014	1689	1594	77	945	86	1032				2799
*	Oct 2014	108	112	7	92	0	92	133	6028.64	3297	159
	Nov 2014	72	84	3	84	0	84	133	6028.55	3294	84
	Dec 2014	50	82	2	123	0	123	131	6027.47	3253	123
	Jan 2015	50	84	2	123	0	123	129	6026.43	3213	123
	Feb 2015	50	82	2	111	0	111	128	6025.61	3183	111
	Mar 2015	105	155	3	129	0	129	129	6026.19	3204	129
	Apr 2015	135	154	5	125	0	125	130	6026.82	3228	125
	May 2015	250	203	8	164	0	164	131	6027.60	3257	164
	Jun 2015	360	268	10	198	0	198	133	6029.13	3315	198
	Jul 2015	185	115	14	92	0	92	134	6029.36	3325	92
	Aug 2015	75	83	13	92	0	92	133	6028.81	3303	92
	Sep 2015	48	71	11	89	0	89	132	6028.08	3275	89
	WY 2015	1488	1492	80	1422	0	1422				1489
	Oct 2015	54	76	7	92	0	92	131	6027.47	3253	92
	Nov 2015	49	73	3	89	0	89	130	6026.98	3234	89
	Dec 2015	35	71	2	92	0	92	129	6026.38	3212	92
	Jan 2016	40	78	2	92	0	92	129	6025.96	3196	92
	Feb 2016	45	80	2	86	0	86	128	6025.75	3188	86
	Mar 2016	102	117	3	92	0	92	129	6026.32	3209	92
	Apr 2016	134	137	5	107	0	107	130	6026.97	3233	107
	May 2016	245	189	8	190	0	190	130	6026.74	3225	190
	Jun 2016	390	301	10	107	0	107	137	6031.35	3401	107
	Jul 2016	210	125	14	111	0	111	137	6031.35	3402	111
	Aug 2016	89	104	13	111	0	111	136	6030.88	3383	111
	Sep 2016	55	82	11	107	0	107	135	6029.97	3348	107
	WY 2016	1447	1433	80	1278	0	1278				1278
	Oct 2016	59	81	7	111	0	111	133	6029.05	3312	111

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

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Most Probable Inflow*

Taylor Park Reservoir



	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2013	5	5	9310.99	71
H	Dec 2013	5	5	9310.93	71
I	Jan 2014	5	5	9310.93	71
S	Feb 2014	4	4	9311.08	72
T	Mar 2014	5	5	9310.72	71
O	Apr 2014	12	13	9310.23	70
R	May 2014	31	27	9312.59	74
I	Jun 2014	49	28	9324.29	95
C	Jul 2014	19	25	9320.83	88
A	Aug 2014	12	19	9316.50	81
L	Sep 2014	10	14	9314.21	77
WY 2014		161	154		
*	Oct 2014	9	7	9315.40	79
	Nov 2014	6	6	9315.40	79
	Dec 2014	5	6	9314.81	78
	Jan 2015	5	6	9313.93	76
	Feb 2015	4	6	9312.73	74
	Mar 2015	4	6	9311.51	72
	Apr 2015	7	6	9312.12	73
	May 2015	28	16	9319.10	85
	Jun 2015	38	24	9326.54	99
	Jul 2015	15	22	9322.90	92
	Aug 2015	9	20	9316.84	81
	Sep 2015	7	16	9311.51	72
WY 2015		137	141		
	Oct 2015	6	8	9310.54	71
	Nov 2015	5	6	9309.92	70
	Dec 2015	5	6	9309.09	68
	Jan 2016	4	6	9308.03	67
	Feb 2016	4	6	9306.59	65
	Mar 2016	4	6	9305.55	63
	Apr 2016	9	6	9307.38	66
	May 2016	28	14	9316.14	80
	Jun 2016	42	22	9326.79	100
	Jul 2016	20	20	9326.87	100
	Aug 2016	10	20	9321.79	90
	Sep 2016	7	16	9317.02	82
WY 2016		145	136		
	Oct 2016	7	8	9316.25	80

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

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November 2014 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 2013	33	33	0	14	0	14	7459.38	367
H	Dec 2013	25	25	0	11	0	11	7461.56	381
I	Jan 2014	22	22	0	14	0	14	7462.81	389
S	Feb 2014	23	22	0	13	0	13	7464.31	398
T	Mar 2014	32	33	0	23	0	23	7465.76	408
O	Apr 2014	129	130	1	28	0	28	7480.43	509
R	May 2014	242	240	1	69	3	72	7501.73	676
I	Jun 2014	361	338	1	185	142	353	7499.76	659
C	Jul 2014	117	123	1	118	0	118	7500.15	663
A	Aug 2014	64	72	1	104	0	104	7496.00	629
L	Sep 2014	48	52	1	81	0	81	7492.28	599
	WY 2014	1145	1138	8	708	145	879		
*	Oct 2014	55	53	1	64	0	64	7490.77	587
	Nov 2014	36	36	0	30	0	30	7491.51	593
	Dec 2014	29	30	0	55	0	55	7488.27	568
	Jan 2015	25	27	0	55	0	55	7484.50	539
	Feb 2015	22	24	0	50	0	50	7480.97	513
	Mar 2015	35	37	0	44	0	44	7479.95	506
	Apr 2015	77	76	1	39	0	39	7484.85	542
	May 2015	215	203	1	95	0	95	7498.48	649
	Jun 2015	220	206	1	50	0	50	7516.51	803
	Jul 2015	88	95	2	94	0	94	7516.40	802
	Aug 2015	51	62	1	117	0	117	7510.05	746
	Sep 2015	38	47	1	110	0	110	7502.53	682
	WY 2015	891	895	9	803	0	803		
	Oct 2015	38	40	1	60	0	60	7500.02	662
	Nov 2015	31	32	0	50	0	50	7497.80	643
	Dec 2015	26	27	0	89	0	89	7490.00	581
	Jan 2016	24	26	0	73	0	73	7483.81	534
	Feb 2016	22	25	0	51	0	51	7480.21	508
	Mar 2016	36	38	0	32	0	32	7480.92	513
	Apr 2016	77	74	1	42	0	42	7485.17	544
	May 2016	221	207	1	113	0	113	7497.02	637
	Jun 2016	261	241	1	76	0	76	7516.23	801
	Jul 2016	117	117	2	114	0	114	7516.40	802
	Aug 2016	63	73	1	120	0	120	7510.99	754
	Sep 2016	38	47	1	110	0	110	7503.47	690
	WY 2016	955	946	9	929	0	929		
	Oct 2016	38	40	1	60	0	60	7500.95	669

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



November 2014 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 2013	34	14	1	15	0	0	15	7152.65	111
H Dec 2013	26	11	1	12	0	0	16	7147.65	107
I Jan 2014	24	14	2	16	0	0	16	7148.51	108
S Feb 2014	24	13	2	14	12	0	14	7148.21	108
T Mar 2014	33	23	1	24	25	0	25	7146.76	107
O Apr 2014	143	28	13	41	42	0	42	7146.13	106
R May 2014	268	72	26	98	93	0	93	7152.55	111
I Jun 2014	379	353	18	372	295	63	382	7138.91	101
C Jul 2014	120	118	3	122	82	8	110	7153.91	112
A Aug 2014	64	104	1	105	104	0	104	7154.40	113
L Sep 2014	49	81	1	82	82	0	82	7153.75	112
WY 2014	1215	879	70	949	782	73	949		
* Oct 2014	56	64	1	65	49	0	68	7149.96	109
Nov 2014	37	30	1	31	28	0	28	7153.73	112
Dec 2014	30	55	1	56	56	0	56	7153.73	112
Jan 2015	27	55	2	57	57	0	57	7153.73	112
Feb 2015	24	50	2	52	52	0	52	7153.73	112
Mar 2015	38	44	3	47	47	0	47	7153.73	112
Apr 2015	88	39	11	50	50	0	50	7153.73	112
May 2015	235	95	20	115	115	0	115	7153.73	112
Jun 2015	235	50	15	65	65	0	65	7153.73	112
Jul 2015	92	94	4	98	98	0	98	7153.73	112
Aug 2015	54	117	3	120	120	0	120	7153.73	112
Sep 2015	40	110	2	112	112	0	112	7153.73	112
WY 2015	956	803	65	868	849	0	868		
Oct 2015	40	60	2	62	62	0	62	7153.73	112
Nov 2015	33	50	2	52	52	0	52	7153.73	112
Dec 2015	28	89	2	91	91	0	91	7153.73	112
Jan 2016	27	73	2	75	75	0	75	7153.73	112
Feb 2016	25	51	3	54	54	0	54	7153.73	112
Mar 2016	40	32	4	36	36	0	36	7153.73	112
Apr 2016	88	42	11	53	53	0	53	7153.73	112
May 2016	247	113	26	139	139	0	139	7153.73	112
Jun 2016	281	76	20	96	96	0	96	7153.73	112
Jul 2016	123	114	6	120	120	0	120	7153.73	112
Aug 2016	67	120	3	123	123	0	123	7153.73	112
Sep 2016	41	110	3	113	113	0	113	7153.73	112
WY 2016	1040	929	84	1014	1014	0	1014		
Oct 2016	41	60	3	63	63	0	63	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 2014 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 2013	40	15	6	21	15	4	19	6748.85	16	0	19
H	Dec 2013	30	16	4	20	20	0	20	6749.68	16	0	20
I	Jan 2014	27	16	3	19	6	14	20	6746.01	15	1	20
S	Feb 2014	29	14	5	19	3	17	20	6743.52	14	1	20
T	Mar 2014	39	25	6	31	30	0	31	6744.65	15	1	30
O	Apr 2014	154	42	11	53	53	0	53	6743.26	14	28	26
R	May 2014	297	93	29	122	88	22	118	6758.88	19	52	69
I	Jun 2014	414	382	35	417	108	126	419	6751.56	17	61	378
C	Jul 2014	130	110	10	120	119	2	120	6749.06	16	67	59
A	Aug 2014	69	104	4	109	108	0	108	6749.65	16	65	48
L	Sep 2014	53	82	4	86	84	3	87	6747.57	15	62	26
	WY 2014	1337	949	123	1071	690	187	1071			374	738
*	Oct 2014	61	68	5	73	74	0	74	6745.88	15	48	27
	Nov 2014	42	28	5	33	31	0	31	6753.04	17	0	31
	Dec 2014	35	56	5	61	61	0	61	6753.04	17	0	61
	Jan 2015	31	57	4	61	61	0	61	6753.04	17	0	61
	Feb 2015	27	52	3	55	55	0	55	6753.04	17	0	55
	Mar 2015	43	47	5	52	52	0	52	6753.04	17	5	47
	Apr 2015	100	50	12	62	62	0	62	6753.04	17	30	32
	May 2015	268	115	33	148	134	14	148	6753.04	17	55	93
	Jun 2015	262	65	27	92	92	0	92	6753.04	17	60	32
	Jul 2015	90	98	-2	96	96	0	96	6753.04	17	65	31
	Aug 2015	60	120	6	126	126	0	126	6753.04	17	65	61
	Sep 2015	46	112	6	118	118	0	118	6753.04	17	55	63
	WY 2015	1065	868	109	978	962	14	976			383	594
	Oct 2015	46	62	6	68	68	0	68	6753.04	17	30	38
	Nov 2015	38	52	5	57	57	0	57	6753.04	17	0	57
	Dec 2015	32	91	5	96	96	0	96	6753.04	17	0	96
	Jan 2016	31	75	5	80	80	0	80	6753.04	17	0	80
	Feb 2016	29	54	4	57	57	0	57	6753.04	17	0	57
	Mar 2016	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2016	101	53	12	66	66	0	66	6753.04	17	30	36
	May 2016	281	139	34	173	134	39	173	6753.04	17	55	118
	Jun 2016	315	96	34	130	130	0	130	6753.04	17	60	70
	Jul 2016	138	120	14	134	134	0	134	6753.04	17	65	69
	Aug 2016	75	123	8	132	132	0	132	6753.04	17	65	67
	Sep 2016	47	113	6	119	119	0	119	6753.04	17	55	64
	WY 2016	1179	1014	140	1153	1114	39	1153			365	788
	Oct 2016	47	63	6	69	69	0	69	6753.04	17	30	39

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



November 2014 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 2013	10	2	7650.16	87
H Dec 2013	7	2	7652.32	93
I Jan 2014	6	2	7653.61	96
S Feb 2014	5	2	7654.41	98
T Mar 2014	7	11	7653.05	94
O Apr 2014	28	16	7657.59	106
R May 2014	59	43	7663.60	122
I Jun 2014	47	50	7662.12	118
C Jul 2014	15	38	7653.12	95
A Aug 2014	14	32	7645.08	75
L Sep 2014	22	28	7642.43	70
WY 2014	238	229		
* Oct 2014	23	5	7650.16	87
Nov 2014	9	3	7652.60	93
Dec 2014	6	3	7653.88	96
Jan 2015	5	3	7654.66	98
Feb 2015	4	2	7655.29	100
Mar 2015	6	2	7656.96	104
Apr 2015	20	1	7663.89	122
May 2015	65	62	7664.97	125
Jun 2015	59	60	7664.53	124
Jul 2015	23	42	7657.26	105
Aug 2015	17	38	7648.65	84
Sep 2015	15	30	7642.09	69
WY 2015	252	249		
Oct 2015	14	17	7640.60	66
Nov 2015	8	1	7643.70	72
Dec 2015	6	2	7645.79	77
Jan 2016	5	2	7647.42	81
Feb 2016	5	1	7648.78	84
Mar 2016	9	2	7651.63	91
Apr 2016	23	1	7660.12	112
May 2016	71	58	7664.85	125
Jun 2016	70	70	7664.78	125
Jul 2016	29	41	7659.88	112
Aug 2016	20	38	7652.66	93
Sep 2016	17	29	7647.61	81
WY 2016	279	263		
Oct 2016	16	16	7647.18	80

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



November 2014 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 2013	35	1	26	1	0	16	6025.11	960	43
H	Dec 2013	26	0	21	0	0	16	6025.59	965	39
I	Jan 2014	19	0	16	0	0	17	6025.41	963	36
S	Feb 2014	23	0	21	1	0	18	6025.70	966	35
T	Mar 2014	52	2	53	1	4	18	6028.76	996	41
O	Apr 2014	123	14	98	2	21	18	6034.32	1053	64
R	May 2014	176	20	141	3	31	17	6042.68	1142	115
I	Jun 2014	116	19	98	4	39	20	6045.77	1177	148
C	Jul 2014	14	2	35	4	44	29	6042.03	1135	64
A	Aug 2014	14	1	32	3	37	39	6037.72	1088	61
L	Sep 2014	39	1	47	2	22	31	6036.99	1081	64
	WY 2014	696	62	626	23	203	253			756
*	Oct 2014	68	1	46	1	7	22	6038.47	1096	65
	Nov 2014	30	0	24	1	0	21	6038.67	1099	21
	Dec 2014	22	0	19	1	0	22	6038.36	1095	22
	Jan 2015	19	0	17	1	0	22	6037.87	1090	22
	Feb 2015	22	0	20	1	0	19	6037.87	1090	19
	Mar 2015	65	1	59	1	5	22	6040.80	1121	22
	Apr 2015	130	11	100	2	19	21	6046.05	1180	21
	May 2015	240	32	205	3	33	49	6056.19	1300	49
	Jun 2015	165	27	139	4	48	77	6057.00	1310	77
	Jul 2015	33	5	47	4	52	23	6054.31	1277	23
	Aug 2015	32	1	52	3	44	27	6052.47	1255	27
	Sep 2015	32	1	46	3	24	22	6052.19	1251	22
	WY 2015	858	78	774	25	233	345			389
	Oct 2015	39	1	40	2	9	22	6052.89	1260	22
	Nov 2015	31	1	23	1	0	21	6053.00	1261	21
	Dec 2015	25	0	20	1	0	22	6052.83	1259	22
	Jan 2016	22	0	18	1	0	22	6052.48	1255	22
	Feb 2016	30	0	27	1	0	20	6052.96	1261	20
	Mar 2016	92	2	83	2	5	22	6057.47	1316	22
	Apr 2016	170	15	134	2	20	29	6063.95	1399	29
	May 2016	277	41	223	4	33	216	6061.67	1369	216
	Jun 2016	224	33	190	4	49	193	6057.21	1313	193
	Jul 2016	66	7	71	4	52	22	6056.65	1306	22
	Aug 2016	45	1	62	3	44	22	6055.99	1298	22
	Sep 2016	43	1	54	3	24	21	6056.54	1304	21
	WY 2016	1064	102	947	27	237	629			629
	Oct 2016	47	2	46	2	8	22	6057.70	1319	22

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



November 2014 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 2013	476	435	29	553	143	696	3587.90	4904	10631	695
H	Dec 2013	295	291	23	601	0	601	3584.43	4880	10324	595
I	Jan 2014	270	271	7	800	0	800	3578.69	4840	9828	811
S	Feb 2014	330	321	7	599	0	599	3575.55	4819	9563	604
T	Mar 2014	509	444	12	504	0	504	3574.76	4813	9497	510
O	Apr 2014	964	774	19	502	0	502	3577.56	4832	9732	512
R	May 2014	2082	1632	24	493	0	493	3589.38	4915	10764	498
I	Jun 2014	3039	2676	42	598	0	598	3609.19	5066	12649	609
C	Jul 2014	838	730	53	800	0	800	3608.05	5056	12535	814
A	Aug 2014	517	615	53	801	0	801	3605.82	5039	12314	818
L	Sep 2014	511	622	48	604	0	604	3605.53	5037	12286	619
	WY 2014	10381	9287	347	7337	143	7480				7568
*	Oct 2014	716	636	34	598	0	598	3605.57	5037	12290	613
	Nov 2014	470	462	32	770	0	770	3602.34	5012	11975	780
	Dec 2014	370	468	25	866	0	866	3598.24	4980	11583	874
	Jan 2015	330	436	8	866	0	866	3593.90	4948	11178	877
	Feb 2015	370	457	8	600	0	600	3592.38	4937	11037	607
	Mar 2015	590	586	14	650	0	650	3591.59	4931	10965	656
	Apr 2015	980	853	22	600	0	600	3593.92	4948	11180	609
	May 2015	2100	1767	27	700	0	700	3604.07	5025	12143	708
	Jun 2015	2200	1854	44	800	0	800	3613.42	5100	13078	808
	Jul 2015	700	661	54	1050	0	1050	3609.37	5067	12667	1067
	Aug 2015	370	493	53	800	0	800	3606.02	5040	12334	819
	Sep 2015	350	479	48	700	0	700	3603.47	5020	12084	713
	WY 2015	9546	9151	368	9000	0	9000				9130
	Oct 2015	464	516	33	600	0	600	3602.36	5012	11977	609
	Nov 2015	450	501	32	600	0	600	3601.10	5002	11855	610
	Dec 2015	363	480	25	800	0	800	3597.74	4977	11536	808
	Jan 2016	361	462	8	800	0	800	3594.31	4951	11215	811
	Feb 2016	393	453	8	650	0	650	3592.26	4936	11026	657
	Mar 2016	665	587	14	650	0	650	3591.49	4930	10956	656
	Apr 2016	1056	887	22	600	0	600	3594.16	4950	11201	609
	May 2016	2343	2193	27	650	0	650	3608.75	5062	12605	658
	Jun 2016	2666	2250	46	800	0	800	3621.33	5166	13905	808
	Jul 2016	1091	1003	58	1000	0	1000	3620.85	5162	13854	1017
	Aug 2016	500	601	57	1050	0	1050	3616.40	5125	13385	1069
	Sep 2016	408	534	51	800	0	800	3613.56	5101	13092	813
	WY 2016	10760	10468	380	9000	0	9000				9124
	Oct 2016	512	570	35	600	0	600	3612.97	5096	13032	609

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



November 2014 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 2013	696	101	47	513	8.6	12	510	800	1106.36	12310
H Dec 2013	601	43	40	558	9.1	9	556	802	1106.73	12344
I Jan 2014	800	45	33	605	9.8	8	604	815	1108.75	12531
S Feb 2014	599	76	31	717	12.9	8	716	810	1107.94	12456
T Mar 2014	504	29	34	1090	17.7	13	1087	773	1101.71	11888
O Apr 2014	502	17	41	1134	19.1	20	1130	731	1094.55	11254
R May 2014	493	13	46	1086	17.7	30	1084	692	1087.46	10639
I Jun 2014	598	10	54	959	16.1	28	803	665	1082.66	10233
C Jul 2014	800	54	67	943	15.3	27	941	654	1080.60	10061
A Aug 2014	801	113	71	735	12.0	23	727	659	1081.55	10140
L Sep 2014	604	140	58	686	11.5	19	684	658	1081.33	10121
WY 2014	7480	677	567	9759		216	9561			
* Oct 2014	598	66	43	472	7.7	20		666	1082.79	10244
Nov 2014	770	52	43	714	12.0	18	714	669	1083.32	10288
Dec 2014	866	95	37	533	8.7	12	533	692	1087.52	10644
Jan 2015	866	75	31	737	12.0	8	737	702	1089.34	10800
Feb 2015	600	78	28	621	11.2	7	621	703	1089.58	10821
Mar 2015	650	68	32	1024	16.7	15	1024	682	1085.71	10490
Apr 2015	600	80	39	1144	19.2	21	1144	650	1079.85	9998
May 2015	700	60	44	1024	16.6	29	1024	629	1075.99	9682
Jun 2015	800	23	52	945	15.9	30	945	617	1073.63	9490
Jul 2015	1050	64	65	898	14.6	31	898	624	1075.03	9603
Aug 2015	800	116	69	805	13.1	29	805	625	1075.18	9616
Sep 2015	700	97	57	719	12.1	16	719	625	1075.24	9620
WY 2015	9000	875	538	9634		237	9162			
Oct 2015	600	52	41	519	8.4	21	519	630	1076.05	9687
Nov 2015	600	52	42	638	10.7	11	638	627	1075.61	9651
Dec 2015	800	95	36	582	9.5	8	582	644	1078.70	9904
Jan 2016	800	75	30	610	9.9	7	610	658	1081.29	10118
Feb 2016	650	78	27	676	11.8	9	676	659	1081.46	10133
Mar 2016	650	68	31	1041	16.9	14	1041	636	1077.28	9787
Apr 2016	600	80	37	1118	18.8	20	1118	606	1071.53	9322
May 2016	650	60	42	1007	16.4	33	1007	583	1067.12	8973
Jun 2016	800	23	50	921	15.5	30	921	572	1064.98	8805
Jul 2016	1000	64	62	897	14.6	33	897	577	1065.84	8872
Aug 2016	1050	116	67	811	13.2	29	811	593	1068.95	9116
Sep 2016	800	97	55	727	12.2	20	727	598	1070.06	9204
WY 2016	9000	861	521	9550		233	9550			
Oct 2016	600	55	41	484	7.9	22	484	605	1071.34	9306

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



November 2014 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 2013	513	4	11	531	0	531	8.9	636.95	1537
H	Dec 2013	558	-10	9	470	0	470	7.6	639.57	1606
I	Jan 2014	605	-7	10	552	0	552	9.0	640.94	1643
S	Feb 2014	717	-22	10	658	0	658	11.9	641.96	1670
T	Mar 2014	1090	-12	13	1074	0	1074	17.5	641.61	1661
O	Apr 2014	1134	-21	17	1054	0	1054	17.7	643.13	1702
R	May 2014	1086	-17	22	1023	0	1022	16.6	644.01	1726
I	Jun 2014	959	-19	25	947	0	947	15.9	642.83	1694
C	Jul 2014	943	-10	25	900	0	900	14.6	643.10	1701
A	Aug 2014	735	-6	23	697	0	697	11.3	643.43	1711
L	Sep 2014	686	-6	18	727	0	727	12.2	641.03	1645
	WY 2014	9759	-139	198	9400	0	9400			
*	Oct 2014	472	10	15	642	0	642	10.4	634.40	1470
	Nov 2014	714	-13	10	636	0	636	10.7	636.50	1525
	Dec 2014	533	-17	9	450	0	450	7.3	638.70	1583
	Jan 2015	737	-14	10	629	0	629	10.2	641.80	1666
	Feb 2015	621	-10	10	600	0	600	10.8	641.80	1666
	Mar 2015	1024	-15	13	961	0	961	15.6	643.05	1700
	Apr 2015	1144	-17	17	1111	0	1111	18.7	643.00	1699
	May 2015	1024	-13	22	989	0	989	16.1	643.00	1699
	Jun 2015	945	-14	25	933	0	933	15.7	642.00	1671
	Jul 2015	898	-10	25	875	0	875	14.2	641.50	1658
	Aug 2015	805	-11	23	771	0	771	12.5	641.50	1658
	Sep 2015	719	-4	18	737	0	737	12.4	640.01	1617
	WY 2015	9634	-129	197	9335	0	9335			
	Oct 2015	519	-2	15	686	0	686	11.2	633.00	1434
	Nov 2015	638	-13	10	564	0	564	9.5	635.00	1486
	Dec 2015	582	-17	9	459	0	459	7.5	638.71	1583
	Jan 2016	610	-14	10	503	0	503	8.2	641.80	1666
	Feb 2016	676	-10	10	656	0	656	11.4	641.80	1666
	Mar 2016	1041	-15	13	979	0	979	15.9	643.05	1700
	Apr 2016	1118	-17	17	1086	0	1086	18.2	643.00	1699
	May 2016	1007	-13	22	972	0	972	15.8	643.00	1699
	Jun 2016	921	-14	25	909	0	909	15.3	642.00	1671
	Jul 2016	897	-10	25	875	0	875	14.2	641.50	1658
	Aug 2016	811	-11	23	778	0	778	12.6	641.50	1658
	Sep 2016	727	-4	18	745	0	745	12.5	640.01	1617
	WY 2016	9550	-141	197	9211	0	9211			
	Oct 2016	484	-2	15	650	0	650	10.6	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 2014 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 2013	531	25	9	314	5.3	77	144	448.37	587	89	1.5
H	Dec 2013	470	7	7	285	4.6	100	138	445.37	531	99	1.6
I	Jan 2014	552	13	6	353	5.7	101	84	446.23	547	131	2.1
S	Feb 2014	658	19	8	450	8.1	48	130	448.13	582	162	2.9
T	Mar 2014	1074	-3	9	809	13.1	90	176	447.05	562	260	4.2
O	Apr 2014	1054	24	11	756	12.7	105	178	448.11	582	241	4.0
R	May 2014	1022	-4	13	694	11.3	110	184	448.48	589	115	1.9
I	Jun 2014	947	10	15	713	12.0	95	133	447.90	578	112	4.5
C	Jul 2014	900	18	17	685	11.1	105	93	448.27	585	118	1.9
A	Aug 2014	697	26	17	495	8.1	106	99	448.10	582	100	1.6
L	Sep 2014	727	13	15	474	8.0	102	140	448.17	583	90	1.5
	WY 2014	9400	166	140	6496		1137	1685			1587	
*	Oct 2014	642	6	12	432	7.0	99	130	446.41	550	65	1.1
	Nov 2014	636	31	9	385	6.5	101	147	447.50	570	86	1.4
	Dec 2014	450	23	7	263	4.3	103	114	446.50	552	97	1.6
	Jan 2015	629	16	6	368	6.0	94	172	446.50	552	130	2.1
	Feb 2015	600	11	8	459	8.3	46	92	446.50	552	161	2.9
	Mar 2015	961	17	9	731	11.9	81	145	446.70	555	205	3.3
	Apr 2015	1111	21	11	816	13.7	91	167	448.70	593	205	3.4
	May 2015	989	21	13	718	11.7	94	173	448.70	593	113	1.8
	Jun 2015	933	17	16	706	11.9	91	124	448.70	593	111	1.9
	Jul 2015	875	29	17	707	11.5	94	86	448.00	580	119	1.9
	Aug 2015	771	27	17	600	9.8	94	85	447.50	571	100	1.6
	Sep 2015	737	25	15	523	8.8	91	123	447.50	570	89	1.5
	WY 2015	9335	244	139	6710		1077	1559			1483	
	Oct 2015	686	25	12	479	7.8	83	130	447.50	571	55	0.9
	Nov 2015	564	31	9	373	6.3	80	127	447.50	571	103	1.7
	Dec 2015	459	23	7	293	4.8	83	114	446.50	552	108	1.7
	Jan 2016	503	16	6	349	5.7	68	92	446.50	552	125	2.0
	Feb 2016	656	11	8	438	7.6	62	152	446.50	552	156	2.7
	Mar 2016	979	17	9	733	11.9	68	174	446.70	555	201	3.3
	Apr 2016	1086	21	11	817	13.7	65	167	448.70	593	212	3.6
	May 2016	972	21	13	727	11.8	68	173	448.70	593	111	1.8
	Jun 2016	909	17	16	710	11.9	65	122	448.70	593	109	1.8
	Jul 2016	875	29	17	731	11.9	68	87	448.00	580	111	1.8
	Aug 2016	778	27	17	631	10.3	68	86	447.50	571	105	1.7
	Sep 2016	745	25	15	561	9.4	65	120	447.50	570	102	1.7
	WY 2016	9211	263	139	6843		843	1544			1498	
	Oct 2016	650	25	12	463	7.5	68	125	447.50	571	65	1.1

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



November 2014 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 2013	513	8.6	1106.36	12310	212	465.65	1179.0	209.8	68	408.7
H	Dec 2013	558	9.1	1106.73	12344	34	463.77	1188.0	230.3	68	412.8
I	Jan 2014	605	9.8	1108.75	12531	186	465.47	746.0	250.9	43	414.5
S	Feb 2014	717	12.9	1107.94	12456	-75	461.16	1415.0	298.2	81	415.9
T	Mar 2014	1090	17.7	1101.71	11888	-567	457.72	1234.0	451.5	71	414.3
O	Apr 2014	1134	19.1	1094.55	11254	-635	447.66	1146.0	459.8	68	405.6
R	May 2014	1086	17.7	1087.46	10639	-615	440.39	1341.0	431.0	81	397.1
I	Jun 2014	959	16.1	1082.66	10233	-406	437.98	1541.0	372.9	93	388.7
C	Jul 2014	943	15.3	1080.60	10061	-172	434.94	1615.0	363.6	100	385.7
A	Aug 2014	735	12.0	1081.55	10140	79	436.53	1493.0	279.3	94	379.9
L	Sep 2014	686	11.5	1081.33	10121	-18	437.59	1493.0	262.1	94	382.2
WY 2014		9759							3910.2		
*	Oct 2014	472	7.7	1082.79	10244	122	442.74	1282.0	180.0	81	381.5
	Nov 2014	714	12.0	1083.32	10288	45	437.88	1079.0	283.2	68	396.8
	Dec 2014	533	8.7	1087.52	10644	356	438.92	1077.0	205.8	67	385.9
	Jan 2015	737	12.0	1089.34	10800	156	439.85	1131.0	293.0	71	397.8
	Feb 2015	621	11.2	1089.58	10821	21	441.86	838.0	249.7	52	402.4
	Mar 2015	1024	16.7	1085.71	10490	-331	439.69	819.0	424.7	52	414.7
	Apr 2015	1144	19.2	1079.85	9998	-491	432.44	1094.0	461.6	70	403.6
	May 2015	1024	16.6	1075.99	9682	-317	426.38	1254.0	394.8	82	385.6
	Jun 2015	945	15.9	1073.63	9490	-192	421.71	1517.0	360.5	100	381.3
	Jul 2015	898	14.6	1075.03	9603	113	421.72	1521.0	338.6	100	377.3
	Aug 2015	805	13.1	1075.18	9616	13	422.65	1537.0	307.3	100	381.9
	Sep 2015	719	12.1	1075.24	9620	5	423.24	1542.0	272.4	100	378.9
WY 2015		9634							3771.6		
	Oct 2015	519	8.4	1076.05	9687	66	427.90	1242.0	200.5	80	385.9
	Nov 2015	638	10.7	1075.61	9651	-36	431.55	1070.0	245.7	69	385.2
	Dec 2015	582	9.5	1078.70	9904	253	429.72	1270.0	221.9	81	381.1
	Jan 2016	610	9.9	1081.29	10118	214	430.26	1289.0	234.2	82	383.9
	Feb 2016	676	11.8	1081.46	10133	15	429.98	1386.0	260.4	88	385.1
	Mar 2016	1041	16.9	1077.28	9787	-346	427.70	1347.0	402.5	87	386.4
	Apr 2016	1118	18.8	1071.53	9322	-465	424.12	1068.4	441.2	70	394.5
	May 2016	1007	16.4	1067.12	8973	-349	417.86	1225.0	379.4	82	376.8
	Jun 2016	921	15.5	1064.98	8805	-168	413.03	1482.4	342.8	100	372.0
	Jul 2016	897	14.6	1065.84	8872	67	412.88	1487.2	331.1	100	369.2
	Aug 2016	811	13.2	1068.95	9116	244	415.01	1504.7	304.3	100	375.2
	Sep 2016	727	12.2	1070.06	9204	89	417.58	1510.9	272.3	100	374.4
WY 2016		9550							3636.3		
	Oct 2016	484	7.9	1071.34	9306	102	422.99	1217.2	183.6	80	379.1

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



November 2014 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 2013	531	8.9	636.95	1537	-24	137.13	158.1	61.5	62	115.9
H	Dec 2013	470	7.6	639.57	1606	69	136.36	173.4	59.4	68	126.5
I	Jan 2014	552	9.0	640.94	1643	37	139.11	163.2	68.9	64	124.9
S	Feb 2014	658	11.9	641.96	1670	28	138.63	173.4	84.5	68	128.3
T	Mar 2014	1074	17.5	641.61	1661	-10	138.63	252.5	134.6	99	125.3
O	Apr 2014	1054	17.7	643.13	1702	42	141.55	255.0	132.2	100	125.4
R	May 2014	1023	16.6	644.01	1726	24	143.52	255.0	127.7	100	124.9
I	Jun 2014	947	15.9	642.83	1694	-32	141.57	255.0	119.3	100	126.0
C	Jul 2014	900	14.6	643.10	1701	7	143.48	255.0	112.8	100	125.4
A	Aug 2014	697	11.3	643.43	1711	9	143.79	255.0	88.3	100	126.7
L	Sep 2014	727	12.2	641.03	1645	-65	138.41	255.0	91.5	100	126.0
WY 2014		9400						1175.6			
*	Oct 2014	642	10.4	634.40	1470	-175	134.93	191.3	72.3	75	112.7
	Nov 2014	636	10.7	636.50	1525	54	132.00	135.2	76.3	53	119.9
	Dec 2014	450	7.3	638.70	1583	58	133.94	142.8	55.4	56	123.2
	Jan 2015	629	10.2	641.80	1666	83	135.96	163.2	78.3	64	124.4
	Feb 2015	600	10.8	641.80	1666	0	136.77	186.2	75.4	73	125.6
	Mar 2015	961	15.6	643.05	1700	34	135.44	255.0	119.8	100	124.6
	Apr 2015	1111	18.7	643.00	1699	-2	136.07	255.0	138.0	100	124.2
	May 2015	989	16.1	643.00	1699	0	136.04	255.0	123.6	100	124.9
	Jun 2015	933	15.7	642.00	1671	-27	135.51	255.0	116.3	100	124.6
	Jul 2015	875	14.2	641.50	1658	-14	134.73	255.0	108.9	100	124.4
	Aug 2015	771	12.5	641.50	1658	0	134.46	255.0	96.2	100	124.7
	Sep 2015	737	12.4	640.01	1617	-40	133.68	255.0	91.4	100	124.1
WY 2015		9335						1151.8			
	Oct 2015	686	11.2	633.00	1434	-183	129.77	234.6	82.8	92	120.7
	Nov 2015	564	9.5	635.00	1486	51	127.90	209.1	67.1	82	119.1
	Dec 2015	459	7.5	638.71	1583	97	130.45	224.4	56.2	88	122.4
	Jan 2016	503	8.2	641.80	1666	83	135.97	163.2	63.0	64	125.2
	Feb 2016	656	11.4	641.80	1666	0	137.17	173.4	82.3	68	125.4
	Mar 2016	979	15.9	643.05	1700	34	135.44	255.0	121.9	100	124.5
	Apr 2016	1086	18.2	643.00	1699	-2	136.07	255.0	135.0	100	124.3
	May 2016	972	15.8	643.00	1699	0	136.04	255.0	121.5	100	125.0
	Jun 2016	909	15.3	642.00	1671	-27	135.51	255.0	113.4	100	124.7
	Jul 2016	875	14.2	641.50	1658	-14	134.73	255.0	108.8	100	124.4
	Aug 2016	778	12.6	641.50	1658	0	134.46	255.0	97.0	100	124.7
	Sep 2016	745	12.5	640.01	1617	-40	133.68	255.0	92.4	100	124.1
WY 2016		9211						1141.4			
	Oct 2016	650	10.6	633.00	1434	-183	129.77	234.6	78.7	92	120.9

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



November 2014 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 2013	314	5.3	448.37	587	9	82.63	92.4	22.1	77	70.5
H	Dec 2013	285	4.6	445.37	531	-56	80.69	91.2	19.0	76	66.8
I	Jan 2014	353	5.7	446.23	547	16	80.02	90.0	24.2	75	68.4
S	Feb 2014	450	8.1	448.13	582	35	82.38	92.4	31.2	77	69.4
T	Mar 2014	809	13.1	447.05	562	-20	77.18	106.8	55.4	89	68.5
O	Apr 2014	756	12.7	448.11	582	20	80.82	120.0	52.3	100	69.1
R	May 2014	694	11.3	448.48	589	7	80.45	106.8	49.2	89	70.8
I	Jun 2014	713	12.0	447.90	578	-11	81.61	120.0	49.8	100	69.8
C	Jul 2014	685	11.1	448.27	585	7	82.46	120.0	47.9	100	70.0
A	Aug 2014	495	8.1	448.10	582	-3	81.82	120.0	35.2	100	71.2
L	Sep 2014	474	8.0	448.17	583	1	82.36	120.0	33.7	100	70.9
	WY 2014	6495							451.6		
*	Oct 2014	432	7.0	446.41	550	-33	80.56	91.2	30.8	76	71.3
	Nov 2014	385	6.5	447.50	570	20	75.45	96.0	25.0	80	64.8
	Dec 2014	263	4.3	446.50	552	-19	74.40	120.0	16.4	100	62.2
	Jan 2015	368	6.0	446.50	552	0	75.13	93.6	23.7	78	64.3
	Feb 2015	459	8.3	446.50	552	0	75.13	93.6	30.0	78	65.3
	Mar 2015	731	11.9	446.70	555	4	74.53	108.0	47.9	90	65.5
	Apr 2015	816	13.7	448.70	593	38	75.08	120.0	53.9	100	66.1
	May 2015	718	11.7	448.70	593	0	76.05	120.0	47.8	100	66.5
	Jun 2015	706	11.9	448.70	593	0	76.05	120.0	47.0	100	66.6
	Jul 2015	707	11.5	448.00	580	-13	75.71	120.0	46.8	100	66.2
	Aug 2015	600	9.8	447.50	571	-9	75.13	120.0	39.3	100	65.5
	Sep 2015	523	8.8	447.50	570	0	74.89	120.0	34.0	100	65.0
	WY 2015	6710							442.5		
	Oct 2015	479	7.8	447.50	571	0	76.04	94.8	31.5	79	65.8
	Nov 2015	373	6.3	447.50	571	0	75.69	102.0	24.2	85	64.7
	Dec 2015	293	4.8	446.50	552	-19	74.40	120.0	18.4	100	62.7
	Jan 2016	349	5.7	446.50	552	0	75.01	96.0	22.3	80	64.0
	Feb 2016	438	7.6	446.50	552	0	75.13	93.6	28.5	78	65.1
	Mar 2016	733	11.9	446.70	555	4	74.01	120.0	47.6	100	65.0
	Apr 2016	817	13.7	448.70	593	38	75.08	120.0	54.0	100	66.1
	May 2016	727	11.8	448.70	593	0	76.05	120.0	48.4	100	66.5
	Jun 2016	710	11.9	448.70	593	0	76.05	120.0	47.3	100	66.6
	Jul 2016	731	11.9	448.00	580	-13	75.71	120.0	48.5	100	66.3
	Aug 2016	631	10.3	447.50	571	-9	75.13	120.0	41.4	100	65.6
	Sep 2016	561	9.4	447.50	570	0	74.89	120.0	36.6	100	65.2
	WY 2016	6843							448.6		
	Oct 2016	463	7.5	447.50	571	0	75.69	102.0	30.3	85	65.3

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



November 2014 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 2013	231	18	3	0	1	4
H Dec 2013	253	19	3	0	1	5
I Jan 2014	337	19	3	0	0	4
S Feb 2014	247	17	3	4	0	4
T Mar 2014	207	19	6	8	4	4
Winter 2014	1477	110	30	28	17	22
O Apr 2014	206	19	7	13	9	5
R May 2014	204	20	19	32	17	6
I Jun 2014	260	80	54	103	21	7
C Jul 2014	354	41	35	29	22	8
A Aug 2014	353	48	31	37	21	9
L Sep 2014	266	46	23	29	16	2
Summer 2014	1643	255	169	243	106	37
* Oct 2014	264	36	18	17	14	7
Nov 2014	307	31	9	10	5	6
Dec 2014	342	45	16	20	11	7
Jan 2015	339	45	16	21	11	6
Feb 2015	234	41	14	19	10	5
Mar 2015	252	47	13	17	9	8
Winter 2015	1738	244	86	103	59	40
Apr 2015	233	46	11	18	11	7
May 2015	275	60	28	41	23	7
Jun 2015	321	72	15	23	16	8
Jul 2015	423	34	30	35	17	9
Aug 2015	320	34	37	43	22	7
Sep 2015	280	33	34	40	20	3
Summer 2015	1851	278	155	202	109	41
Oct 2015	238	34	18	22	12	6
Nov 2015	237	33	15	19	10	6
Dec 2015	315	34	26	33	17	6
Jan 2016	312	34	21	27	14	5
Feb 2016	252	31	15	19	10	5
Mar 2016	251	34	9	13	7	5
Winter 2016	1605	199	105	133	69	32
Apr 2016	233	39	12	19	11	6
May 2016	257	69	33	50	23	7
Jun 2016	325	39	23	35	22	8
Jul 2016	412	41	36	43	23	8
Aug 2016	430	41	38	44	23	9
Sep 2016	325	39	34	41	21	7
Summer 2016	1656	229	142	192	103	38
Oct 2016	243	41	18	23	12	6

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

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



November 2014 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 2014	488	242	600	12032	13362	17133	30496	488	242	600	1330	12032	17133	30496	3810	714	0	29.8	
Dec 2014	504	236	597	12347	13685	17089	30774	504	236	597	1338	12347	17089	30774	4580	533	0	29.7	
Jan 2015	577	262	601	12739	14179	16733	30912	577	262	601	1440	12739	16733	30912	5350	737	0	29.5	
**** PREDICTED SPACE ****								**** EFFECTIVE SPACE ****											
Jan 2015	577	262	601	12739	14179	16733	30912	193	255	356	803	12739	16733	30275	5350	737	0	29.5	
Feb 2015	651	290	606	13144	14692	16577	31269	266	285	360	911	13144	16577	30632	1500	621	0	29.3	
Mar 2015	714	316	606	13285	14921	16556	31477	327	313	359	999	13285	16556	30840	1500	1024	0	28.9	
Apr 2015	742	324	575	13357	14997	16887	31885	351	322	321	994	13357	16887	31238	1500	1144	0	28.8	
May 2015	739	288	516	13142	14685	17379	32064	341	284	242	867	13142	17379	31388	1500	1024	0	29.7	
Jun 2015	663	181	396	12179	13419	17695	31114	255	164	86	505	12179	17695	30379	1500	945	0	30.8	
Jul 2015	515	26	386	11244	12172	17887	30059	93	-6	23	110	11244	17887	29241	1500	898	0	30.5	
**** PREDICTED SPACE ****								**** CREDITABLE SPACE ****											
Aug 2015	439	27	419	11655	12540	17774	30314	439	27	419	885	11655	17774	30314	1500	805	0	30.0	
Sep 2015	471	83	441	11988	12983	17761	30744	471	83	441	995	11988	17761	30744	2270	719	0	29.6	
Oct 2015	524	147	445	12238	13353	17757	31110	524	147	445	1115	12238	17757	31110	3040	519	0	29.3	
Nov 2015	569	168	436	12345	13519	17690	31209	569	168	436	1173	12345	17690	31209	3810	638	0	29.1	
Dec 2015	613	186	435	12467	13701	17726	31427	613	186	435	1234	12467	17726	31427	4580	582	0	29.0	
Jan 2016	672	248	437	12786	14143	17473	31617	672	248	437	1357	12786	17473	31617	5350	610	0	28.9	
**** PREDICTED SPACE ****								**** EFFECTIVE SPACE ****											
Jan 2016	672	248	437	12786	14143	17473	31617	380	248	224	852	12786	17473	31112	5350	610	0	28.9	
Feb 2016	726	295	441	13107	14569	17259	31828	432	295	228	955	13107	17259	31320	1500	676	0	28.7	
Mar 2016	770	322	435	13296	14823	17244	32067	473	322	221	1016	13296	17244	31556	1500	1041	0	28.4	
Apr 2016	764	317	380	13366	14827	17590	32417	463	317	159	939	13366	17590	31896	1500	1118	0	28.3	
May 2016	744	285	297	13121	14447	18055	32502	437	285	54	776	13121	18055	31952	1500	1007	0	29.5	
Jun 2016	698	192	327	11717	12934	18404	31339	382	188	47	617	11717	18404	30739	1500	921	0	31.0	
Jul 2016	435	29	383	10417	11264	18572	29836	99	3	50	153	10417	18572	29142	1500	897	0	31.0	
**** PREDICTED SPACE ****								**** CREDITABLE SPACE ****											
Aug 2016	352	27	390	10468	11237	18505	29742	352	27	390	769	10468	18505	29742	1500	811	0	30.7	
Sep 2016	388	75	398	10937	11798	18261	30059	388	75	398	862	10937	18261	30059	2270	727	0	30.3	
Oct 2016	452	139	392	11230	12213	18173	30386	452	139	392	983	11230	18173	30386	3040	484	0	30.1	

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