December 24-Month Study
Date: December 11, 2013

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

Current Reservoir Status

Reservoir	November Inflow (unregulated) (acre-feet)	Percent of Average (%)	December 10 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	41,000	97	6488.32	216,000
Flaming Gorge	42,000	82	6015.51	2,824,000
Blue Mesa	33,000	106	7459.95	371,000
Navajo	35,000	103	6025.29	962,000
Powell	460,000	97	3586.91	10,543,000

Expected Operations

The operation of Lake Powell and Lake Mead in this December 2013 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 2013 Annual Operating Plan (AOP) and draft 2014 AOP. Pursuant to the Interim Guidelines, the August 2013 24-Month Study projections of the January 1, 2014, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2014.

Consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf. This was determined in the August 2013 24-Month study which projected that, with an 8.23 maf annual release pattern in water year 2014, the January 1, 2014, the Lake Powell elevation would be below 3,575.0 feet and the Lake Mead elevation would be above 1,025.0 feet.

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 2013 and 2014.

The tier determinations will be documented in the 2014 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 2013 AOP is available for download at http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP13_final.pdf.
The Draft 2014 AOP is available for download at http://www.usbr.gov/lc/region/g4000/AOP2014/AOP14_draft.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of November were 41,000 acre-feet (AF), or 97 percent of average. The reservoir elevation is 6488.70 feet, 63 percent of live capacity. Inflows are averaging 350 cubic feet per second (cfs) and are expected to remain steady or decrease over the next month. Fontenelle releases are currently at 990 cfs and are expected to remain at that level for the remainder of the winter, but releases may be revised to respond to significant changes in hydrology. Projected are updated monthly and new projections will be posted.

Inflows for the next three months are projected to be below average: with December, January and February forecasted inflow volumes at 30,000 AF (94% of average), 27,000 AF (89% of average), and 25,000 AF (90% of average), respectively.

The next Fontenelle Working Group meeting is scheduled for April 23, 2014, at 10:00 am at the Seedskadee National Wildlife Refuge. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. The autumn Fontenelle Working Group meeting was held on August 23, 2013 at the Joint Powers Water Board in Green River. Minutes from past meetings are posted on the Working Group webpages.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of November was 42,000 acre-feet (AF), or 82 percent of average. The reservoir elevation is 6015.5 feet and holding steady. Observed inflows are averaging 900 cubic feet per second (cfs).

Flaming Gorge releases are currently 800 cfs steady minimum releases and are anticipated to remain at this level through winter until spring runoff beings sometime in May or June 2014. The reservoir elevation is projected to reach 6015 feet remain close to that level through the winter before increasing to a peak elevation next year of approximately 6026 feet.

Inflows for the next three months are projected to be below average: with December, January and February forecasted inflow volumes at 30,000 AF (86% of average), 32,000 AF (79% of average), and 35,000 AF (79% of average), respectively.

The next Flaming Gorge Working Group meeting is scheduled for April 24, 2014, 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 Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – November unregulated inflow into Blue Mesa Reservoir was 33,000 acre-feet or 106 percent of average. Precipitation during November was observed to be about 95 percent of average. The current inflow rate into Blue Mesa Reservoir is about 500 cfs while reservoir releases are averaging about 300 cfs. Blue Mesa's present elevation is 7459.77 feet, which corresponds to a storage content of about 370,000 acre-feet. The unregulated reservoir inflow into Blue Mesa Reservoir during water year 2013 was 560,500 acre-feet, or about 59 percent of average.

Releases from Crystal are currently set at 300 cfs. The Gunnison Diversion Tunnel was shut down for the season on October 30th, 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 the exception of when the tunnel is taking water to refill Fairfield Reservoir for Montrose municipal water needs.

On December 1, 2013, 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 December, January, and February is for 68,000 acre-feet, which is 94% of average for these months.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday January 23rd in the Montrose, Colorado, starting at 1:00 PM. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2014 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 Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir – Reclamation has been releasing 250 cfs from Navajo Reservoir since September 24th, 2013. 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 6025.11 ft of pool elevation and 960,302 acre-ft of storage by the end of November, which was 70% of average for the end of the month. Modified unregulated

inflow was 34,974 acre-ft, which was 107% of average for November. Calculated evaporation for the month was 690 acre-ft. The reservoir gained an an average of 315 acre-ft per day throughout November, including NIIP diversions and evaporation. An average of 250 cfs was maintained from the auxiliary outlet works throughout all of November. Navajo Reservoir recorded 0.78 inches of liquid precipitation (70% of average).

As of December 2nd, the release at Navajo is 250 cfs, and the observed inflow is 503 cfs. The reservoir elevation is 6025.18 ft and the content is 960,980 acre-ft, or 56% full (29% of Active). NIIP has ended diverting for the season as of October 21st. The San Juan River at Four Corners USGS gage is at 673 cfs and the Animas River at Farmington USGS gage is at 381 cfs. See the Navajo Notices webpage for up-to-date release information and notices. The reservoir began storing water as of September 9th and continues to gain storage at present. SNOTEL sites above Navajo are showing 6.0 inches of snow water equivalent (SWE), which is 126% of average (1987-present).

The most probable modified-unregulated inflow forecast for December at Navajo is 26,000 acre-ft (104% of average), for January is 23,000 acre-ft (106% of average), and for February is 29,000 acre-ft (96% of average). Modified-unregulated inflow is defined as the predicted hydrologic inflow volume into Navajo adjusted for the change in storage at Vallecito Reservoir and the San-Juan Chama diversion volume.

The Fall Operations Meeting was held on August 27th at the Farmington Civic Center. The next Public Operations meeting is scheduled for January 21st 2014.These meetings are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell –

Current Status

The unregulated inflow volume to Lake Powell in November was 460 thousand acre-feet (kaf) (97% of average). The release volume from Glen Canyon Dam in November was 680 kaf. On November 11-16 a high flow experimental release was conducted from Glen Canyon Dam in accordance with the High Flow Protocol. Reclamation released the maximum available capacity (35,000 cfs) during the 5-day experiment. The end of November elevation and storage of Lake Powell were 3587.9 feet (112.1 feet from full pool) and 10.63 million acre-feet (maf) (44% of full capacity), respectively. The annual release volume from Lake Powell remains 7.48 maf and will not change as a result of the HFE. The reservoir elevation is now declining and will continue to decline through the fall and winter until spring runoff in 2014.

Current Operations
The operating tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf, as established in August 2013 and pursuant to the Interim Guidelines, Section 6.C.1. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible a 7.48 maf annual release volume by September 30, 2014.

In December, the release volume will likely be about 600 kaf, with fluctuations from about 6,000 cfs in the daytime to about 12,000 cfs in the nighttime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). In January, the release volume will likely be about 800 kaf with daily fluctuations for hydropower.

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 fluctuations for power generation when called upon as a partner that shares reserve requirements within the electrical generator community (i.e. balancing area). Reserves provide system reliability in the event of an unscheduled outage. Glen Canyon Dam typically maintains 41 MW of reserves (approximately 1,200 cfs). Reserve calls can be maintained for a maximum of 2 hours after which time the generation rate should be returned to the original schedule. If reserves from Glen Canyon Dam are called upon, releases from the dam can exceed scheduled levels and can have a noticeable impact on the river downstream from Glen Canyon Dam. Calls for reserves are fairly infrequent and typically are for much less than 41 MW.

Inflow Forecasts and Model Projections
The hydrologic forecast for water year 2014 for Lake Powell, issued by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 10.21 maf (94% of average based on the period 1981-2010). The water year 2014 forecast increased by 560 kaf since last month. At this early point in the season, there is still significant uncertainty regarding next year's water supply. The forecast ranges from a minimum probable of 6.5 maf (60% of average) to a maximum probable of 16.5 maf (162% of average). There is a 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 December 24-Month study projects Lake Powell elevation will peak near approximately 3,608 ft next summer and end the water year 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 point in the season, primarily

due to uncertainty regarding the upcoming winter's total snowfall and the resulting inflow to Lake Powell. Under the minimum probable inflow scenario, last run in October, the projected summer peak is 3,586 ft and end of water year storage is 9.3 maf (38% capacity). Under the maximum probable inflow scenario, last run in October, the projected summer peak is 3,661 ft and end of water year storage is 18.4 maf (76% capacity). 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 minimum and maximum probable model runs will be updated in January. The annual release volume from Lake Powell during water year 2014 is projected to be 7.48 maf under all inflow scenarios.

Consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf. This was determined in the August 2013 24-Month study tier determination run which projected that, with an 8.23 maf annual release pattern in water year 2014, the January 1, 2014, Lake Powell elevation would be below 3,575.0 feet and the Lake Mead elevation would be above 1,025.0 feet. This determination will be documented in the 2014 AOP, which is currently in the final stages of development.

Upper Colorado River Basin Hydrology –
The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 14-year period 2000 to 2013, 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 14 years. The period 2000-2014 is the lowest 14-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.25 maf, or 76% of the 30-year average (1981-2010). (For comparison, the 1981-2010 average is 10.83maf.) The unregulated inflow during the 2000-2013 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. Under the current forecast, water year 2014 inflows to Lake Powell are expected to range between a minimum probable of 6.5 maf (60% of average) and a maximum probable of 16.5 maf (162% of average) with a most probable projection of 10.21 maf (94% of average).

At the beginning of water year 2014, total system storage in the Colorado River Basin was 29.9 maf (50% of 59.6 maf total system capacity). This is about 4 maf less than the total storage at the beginning of water year 2013 which began at 34.0 maf (57% 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 2014 total Colorado Basin reservoir storage is approximately 31.1 maf (51% of capacity). The actual end of water year storage may vary significantly from this projection, primarily due to uncertainty regarding next season's snowpack and resulting runoff.

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			nov	Forecast		
:	aug	sep	oct	nov	%Avg	dec	jan	feb
GLDA3:Lake Powell	273	857	549	460	97%:	320/	300/	330
GBRW4:Fontenelle	32	47	53	41	97%:	30/	27/	25
GRNU1:Flaming Gorge	22	67	68	42	82%:	30/	32/	35
BMDC2:Blue Mesa	46	57	48	33	106%:	26/	22/	20
MPSC2:Morrow Point	46	58	50	34	102%:	28/	24/	23
CLSC2:Crystal	50	63	55	40	105%:	32/	28/	26
TPIC2:Taylor Park	6.6	7.9	7.1	4.0	78%:	4.2/	3.7/	3.2
VCRC2:Vallecito	12.9	45	17.9	9.9e	113%:	6.9/	5.8/	4.8
NVRN5:Navajo	43	151	57	35e	103%:	26/	23/	29
LEMC2:Lemon	2.8	9.7	3.0	1.66	99%:	1.1/	0.9/	0.7
MPHC2:McPhee	11.6	27	11.5	7.0	117%:	4.7/	3.7/	4
RBSC2:Ridgway	11.6	14.9	10.1	6.1	109%:	4.7/	4/	3.5

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2013 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)
*	Dec 2012	28	1	52	0	52	6485.19	196
H	Jan 2013	23	1	53	0	53	6479.94	166
I	Feb 2013	23	0	48	0	48	6475.03	141
S	Mar 2013	41	0	52	0	52	6472.41	129
T	Apr 2013	51	1	51	0	51	6472.25	128
O	May 2013	108	1	51	0	51	6483.26	185
R	Jun 2013	91	2	47	0	48	6489.79	226
I	Jul 2013	67	2	48	0	48	6492.28	243
C	Aug 2013	32	2	43	0	43	6490.28	229
A	Sep 2013	47	2	42	0	42	6490.87	233
	WY 2013	**575**	**14**	**534**	**57**	**591**		
L	Oct 2013	53	1	19	24	43	6492.11	241
*	Nov 2013	41	1	51	4	55	6489.91	226
	Dec 2013	30	1	63	0	63	6484.80	195
	Jan 2014	27	1	61	0	61	6478.76	160
	Feb 2014	25	0	55	0	55	6472.44	130
	Mar 2014	42	0	61	0	61	6467.91	110
	Apr 2014	70	1	59	0	59	6470.44	121
	May 2014	134	1	61	0	61	6484.50	193
	Jun 2014	260	2	103	45	149	6500.37	302
	Jul 2014	165	3	100	19	120	6505.81	344
	Aug 2014	65	2	74	0	74	6504.41	333
	Sep 2014	42	2	36	35	71	6500.37	302
	WY 2014	**953**	**15**	**743**	**128**	**871**		
	Oct 2014	46	1	72	0	72	6496.69	275
	Nov 2014	41	1	70	0	70	6492.53	245
	Dec 2014	32	1	72	0	72	6486.37	204
	Jan 2015	30	1	72	0	72	6479.16	162
	Feb 2015	28	0	65	0	65	6471.25	124
	Mar 2015	53	0	72	0	72	6466.48	105
	Apr 2015	85	1	71	0	71	6469.78	118
	May 2015	164	1	99	6	105	6481.67	176
	Jun 2015	299	2	102	76	179	6499.44	295
	Jul 2015	178	3	101	29	131	6505.15	339
	Aug 2015	77	2	80	0	80	6504.43	333
	Sep 2015	46	2	36	30	65	6501.67	312
	WY 2015	**1078**	**15**	**912**	**141**	**1053**		
	Oct 2015	49	1	68	0	68	6499.00	291
	Nov 2015	42	1	65	0	65	6495.70	267

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

Model Run ID: 2160

Processed On: 12/9/2013 12:10:19PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2013 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)
*	Dec 2012	25	50	2	70	0	70	121	6020.63	3002	219
H	Jan 2013	24	53	2	74	0	74	120	6020.03	2981	579
I	Feb 2013	30	55	2	67	0	67	119	6019.65	2967	415
S	Mar 2013	64	76	3	53	0	53	120	6020.19	2986	109
T	Apr 2013	69	69	5	50	0	50	121	6020.57	3000	150
O	May 2013	135	77	7	67	0	67	121	6020.65	3003	438
R	Jun 2013	91	48	10	135	3	138	117	6017.91	2906	375
I	Jul 2013	66	47	12	68	0	68	116	6016.99	2875	100
C	Aug 2013	22	33	11	68	0	68	114	6015.71	2831	87
A	Sep 2013	67	62	10	66	0	66	113	6015.33	2818	95
	WY 2013	**657**	**673**	**73**	**818**	**3**	**821**				**2713**
L	Oct 2013	68	58	6	51	0	51	113	6015.35	2819	106
*	Nov 2013	41	55	3	48	0	48	114	6015.47	2823	93
	Dec 2013	30	63	2	49	0	49	114	6015.85	2836	49
	Jan 2014	32	66	2	49	0	49	115	6016.28	2850	49
	Feb 2014	35	65	2	44	0	44	115	6016.80	2868	44
	Mar 2014	80	99	3	49	0	49	117	6018.10	2913	49
	Apr 2014	110	99	5	48	0	48	119	6019.39	2958	48
	May 2014	190	117	7	103	0	103	119	6019.57	2965	103
	Jun 2014	310	199	10	158	0	158	120	6020.43	2995	158
	Jul 2014	183	138	13	64	0	64	123	6022.09	3054	64
	Aug 2014	73	82	12	64	0	64	123	6022.25	3060	64
	Sep 2014	47	76	11	62	0	62	123	6022.37	3064	62
	WY 2014	**1199**	**1117**	**74**	**788**	**0**	**788**				**889**
	Oct 2014	53	79	7	64	0	64	124	6022.60	3072	64
	Nov 2014	49	77	3	62	0	62	124	6022.93	3084	62
	Dec 2014	35	75	2	64	0	64	124	6023.18	3094	64
	Jan 2015	40	82	2	64	0	64	125	6023.62	3110	64
	Feb 2015	45	82	2	57	0	57	126	6024.21	3131	57
	Mar 2015	102	122	3	64	0	64	128	6025.64	3184	64
	Apr 2015	134	119	5	62	0	62	130	6027.00	3235	62
	May 2015	245	186	8	114	0	114	133	6028.64	3297	114
	Jun 2015	390	269	11	158	0	158	136	6031.15	3394	158
	Jul 2015	210	163	14	98	0	98	138	6032.41	3443	98
	Aug 2015	89	92	13	98	0	98	138	6031.93	3424	98
	Sep 2015	55	75	11	95	0	95	136	6031.15	3393	95
	WY 2015	**1446**	**1421**	**80**	**999**	**0**	**999**				**999**
	Oct 2015	59	78	7	98	0	98	135	6030.46	3367	98
	Nov 2015	51	74	4	95	0	95	134	6029.86	3343	95

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

Model Run ID: 2160

Processed On: 12/9/2013 12:10:19PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2013 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)
*	Dec 2012	3	3	9301.09	57
H	Jan 2013	3	3	9301.07	57
I	Feb 2013	3	3	9301.01	57
S	Mar 2013	3	3	9301.27	57
T	Apr 2013	6	4	9302.94	59
O	May 2013	21	7	9312.29	74
R	Jun 2013	26	12	9320.43	88
I	Jul 2013	9	15	9316.95	81
C	Aug 2013	7	14	9312.37	74
A	Sep 2013	8	12	9309.95	70
	WY 2013	**96**	**83**		
L	Oct 2013	7	6	9310.82	71
*	Nov 2013	5	5	9310.99	71
	Dec 2013	4	4	9311.11	72
	Jan 2014	4	4	9310.93	71
	Feb 2014	3	4	9310.43	71
	Mar 2014	3	4	9310.05	70
	Apr 2014	7	8	9309.42	69
	May 2014	28	18	9315.50	79
	Jun 2014	41	21	9326.37	99
	Jul 2014	15	22	9322.72	92
	Aug 2014	9	18	9317.79	83
	Sep 2014	7	16	9312.52	74
	WY 2014	**133**	**129**		
	Oct 2014	6	12	9309.07	68
	Nov 2014	5	6	9308.44	67
	Dec 2014	5	6	9307.58	66
	Jan 2015	4	6	9306.50	64
	Feb 2015	4	6	9305.02	62
	Mar 2015	4	6	9303.96	61
	Apr 2015	9	6	9305.83	63
	May 2015	28	14	9314.78	78
	Jun 2015	42	20	9326.62	99
	Jul 2015	20	20	9326.69	100
	Aug 2015	10	20	9321.61	90
	Sep 2015	7	16	9316.82	81
	WY 2015	**145**	**138**		
	Oct 2015	7	12	9313.70	76
	Nov 2015	5	6	9313.17	75

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

Model Run ID: 2160

Processed On: 12/9/2013 12:10:19PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2013 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)
*	Dec 2012	18	18	0	16	0	16	7452.65	328
H	Jan 2013	16	16	0	15	0	15	7452.77	328
I	Feb 2013	16	16	0	15	0	15	7452.95	329
S	Mar 2013	23	23	0		0	16	7454.12	336
T	Apr 2013	43	41	1	38	0	38	7454.46	338
O	May 2013	133	119	1	58	0	58	7464.34	399
R	Jun 2013	126	111	1	69	0	69	7470.58	440
I	Jul 2013	44	51	1	98	0	98	7463.20	391
C	Aug 2013	46	54	1	89	0	89	7457.29	355
A	Sep 2013	57	61	1	66	0	66	7456.24	348
	WY 2013	**561**	**547**	**6**	**517**	**0**	**532**		
L	Oct 2013	48	47	0	46	0	46	7456.34	349
*	Nov 2013	33	33	0	14	0	14	7459.38	367
	Dec 2013	26	26	0	15	0	15	7461.19	379
	Jan 2014	22	22	0	13	0	13	7462.65	388
	Feb 2014	20	21	0	11	0	11	7464.16	397
	Mar 2014	32	33	0	16	0	16	7466.66	414
	Apr 2014	75	76	1	26	0	26	7473.96	463
	May 2014	235	225	1	114	0	114	7488.92	573
	Jun 2014	260	240	1	34	0	34	7513.62	778
	Jul 2014	95	102	2	92	0	92	7514.57	786
	Aug 2014	52	61	1	126	0	126	7506.98	720
	Sep 2014	36	45	1	114	0	114	7498.66	650
	WY 2014	**934**	**930**	**8**	**620**	**0**	**620**		
	Oct 2014	37	42	1	66	0	66	7495.69	626
	Nov 2014	31	32	0	36	0	36	7495.10	622
	Dec 2014	26	27	0	67	0	67	7490.00	581
	Jan 2015	24	26	0	61	0	61	7485.41	546
	Feb 2015	22	25	0	55	0	55	7481.30	516
	Mar 2015	36	38	0	32	0	32	7482.00	521
	Apr 2015	77	74	1	42	0	42	7486.22	552
	May 2015	221	207	1	118	0	118	7497.39	640
	Jun 2015	261	239	1	80	0	80	7515.89	798
	Jul 2015	117	117	2	111	0	111	7516.40	803
	Aug 2015	63	73	1	122	0	122	7510.76	752
	Sep 2015	38	47	1	112	0	112	7502.99	686
	WY 2015	**953**	**946**	**9**	**902**	**0**	**902**		
	Oct 2015	38	44	1	66	0	66	7500.23	663
	Nov 2015	31	32	0	36	0	36	7499.71	659

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

Model Run ID: 2160

Processed On: 12/9/2013 12:10:19PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2013 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)
*	Dec 2012	18	16	1	17	18	0	18	7146.50	106
H	Jan 2013	17	15	1	16	17	0	17	7144.75	105
I	Feb 2013	17	15	1	15	16	0	16	7144.30	105
S	Mar 2013	24	16	1	17	17	0	17	7144.36	105
T	Apr 2013	49	38	6	44	42	0	42	7146.71	107
O	May 2013	148	58	15	72	67	0	67	7154.02	112
R	Jun 2013	132	69	6	75	75	0	75	7154.39	113
I	Jul 2013	45	98	0	98	99	0	99	7153.53	112
C	Aug 2013	46	89	0	90	89	0	89	7154.91	113
A	Sep 2013	58	66	2	68	69	0	69	7154.20	112
	WY 2013	**596**	**532**	**35**	**567**	**563**	**0**	**563**		
L	Oct 2013	50	46	2	48	47	1	50	7152.26	111
*	Nov 2013	34	14	1	15	0	0	15	7152.65	111
	Dec 2013	28	15	2	17	16	0	16	7153.73	112
	Jan 2014	24	13	2	15	15	0	15	7153.73	112
	Feb 2014	23	11	3	14	14	0	14	7153.73	112
	Mar 2014	33	16	1	17	17	0	17	7153.73	112
	Apr 2014	84	26	9	35	35	0	35	7153.73	112
	May 2014	260	114	25	139	139	0	139	7153.73	112
	Jun 2014	278	34	18	52	52	0	52	7153.73	112
	Jul 2014	99	92	4	96	96	0	96	7153.73	112
	Aug 2014	55	126	3	129	129	0	129	7153.73	112
	Sep 2014	38	114	2	116	116	0	116	7153.73	112
	WY 2014	**1007**	**620**	**72**	**692**	**675**	**1**	**693**		
	Oct 2014	39	66	2	68	68	0	68	7153.73	112
	Nov 2014	33	36	2	38	38	0	38	7153.73	112
	Dec 2014	28	67	2	69	69	0	69	7153.73	112
	Jan 2015	27	61	2	63	63	0	63	7153.73	112
	Feb 2015	25	55	3	58	58	0	58	7153.73	112
	Mar 2015	40	32	4	36	36	0	36	7153.73	112
	Apr 2015	88	42	11	53	53	0	53	7153.73	112
	May 2015	247	118	26	144	144	0	144	7153.73	112
	Jun 2015	281	80	20	100	100	0	100	7153.73	112
	Jul 2015	123	111	6	117	117	0	117	7153.73	112
	Aug 2015	67	122	3	125	125	0	125	7153.73	112
	Sep 2015	41	112	3	115	115	0	115	7153.73	112
	WY 2015	**1038**	**902**	**84**	**986**	**986**	**0**	**986**		
	Oct 2015	41	66	3	69	69	0	69	7153.73	112
	Nov 2015	33	36	2	38	38	0	38	7153.73	112

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

Model Run ID: 2160

Processed On: 12/9/2013 12:10:19PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2013 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Dec 2012	22	18	4	22	22	0	22	6749.11	16	1	20
H	Jan 2013	20	17	4	21	19	2	21	6747.09	15	0	20
I	Feb 2013	20	16	3	19	10	9	19	6745.57	15	0	19
S	Mar 2013	29	17	5	21	22	0	22	6744.50	15	0	22
T	Apr 2013	55	42	7	49	51	0	51	6738.38	13	33	20
O	May 2013	161	67	13	80	80	0	80	6736.96	13	66	18
R	Jun 2013	144	75	11	86	84	0	84	6744.76	15	65	25
I	Jul 2013	49	99	4	103	101	1	102	6748.24	16	67	41
C	Aug 2013	50	89	3	92	92	1	93	6745.72	15	62	35
A	Sep 2013	63	69	5	74	73	0	73	6746.17	15	48	27
	WY 2013	**660**	**563**	**65**	**628**	**613**	**14**	**627**			**363**	**286**
L	Oct 2013	55	50	5	54	56	0	56	6741.56	14	36	22
*	Nov 2013	40	15	6	21	15	4	19	6748.85	16	0	20
	Dec 2013	32	16	4	20	18	0	18	6753.04	17	0	18
	Jan 2014	28	15	4	19	19	0	19	6753.04	17	0	19
	Feb 2014	26	14	3	17	17	0	17	6753.04	17	0	17
	Mar 2014	40	17	7	24	24	0	24	6753.04	17	5	19
	Apr 2014	97	35	13	48	48	0	48	6753.04	17	30	18
	May 2014	295	139	35	174	134	40	174	6753.04	17	55	119
	Jun 2014	310	52	32	84	84	0	84	6753.04	17	60	24
	Jul 2014	110	96	11	107	107	0	107	6753.04	17	65	42
	Aug 2014	60	129	5	134	134	0	134	6753.04	17	65	69
	Sep 2014	44	116	6	122	122	0	122	6753.04	17	55	66
	WY 2014	**1137**	**693**	**131**	**823**	**778**	**43**	**821**			**371**	**453**
	Oct 2014	45	68	6	74	74	0	74	6753.04	17	30	44
	Nov 2014	37	38	5	43	43	0	43	6753.04	17	0	43
	Dec 2014	32	69	5	74	74	0	74	6753.04	17	0	74
	Jan 2015	31	63	5	68	68	0	68	6753.04	17	0	68
	Feb 2015	29	58	4	61	61	0	61	6753.04	17	0	61
	Mar 2015	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2015	101	53	12	66	66	0	66	6753.04	17	30	36
	May 2015	281	144	34	178	134	44	178	6753.04	17	55	123
	Jun 2015	315	100	34	134	130	4	134	6753.04	17	60	74
	Jul 2015	138	117	14	131	131	0	131	6753.04	17	65	66
	Aug 2015	75	125	8	134	134	0	134	6753.04	17	65	69
	Sep 2015	47	115	6	121	121	0	121	6753.04	17	55	66
	WY 2015	**1177**	**986**	**140**	**1126**	**1078**	**48**	**1126**			**365**	**761**
	Oct 2015	47	69	6	75	75	0	75	6753.04	17	30	45
	Nov 2015	38	38	5	43	43	0	43	6753.04	17	0	43

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

Model Run ID: 2160

Processed On: 12/9/2013 12:10:19PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2013 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)
*	Dec 2012	3	0	7627.33	40
H	Jan 2013	3	0	7629.10	43
I	Feb 2013	3	0	7630.60	46
S	Mar 2013	4	0	7632.64	50
T	Apr 2013	15	1	7639.26	63
O	May 2013	49	31	7647.20	80
R	Jun 2013	19	35	7639.75	64
I	Jul 2013	8	32	7626.95	40
C	Aug 2013	13	26	7617.79	26
A	Sep 2013	45	7	7639.82	64
	WY 2013	**169**	**138**		
L	Oct 2013	18	2	7646.84	80
*	Nov 2013	10	2	7650.16	87
	Dec 2013	7	2	7652.29	93
	Jan 2014	6	2	7653.95	97
	Feb 2014	5	1	7655.26	100
	Mar 2014	10	3	7657.90	107
	Apr 2014	29	10	7665.00	125
	May 2014	80	80	7665.00	125
	Jun 2014	83	83	7664.94	125
	Jul 2014	29	42	7660.00	112
	Aug 2014	19	38	7652.40	93
	Sep 2014	16	30	7646.55	79
	WY 2014	**311**	**293**		
	Oct 2014	15	17	7645.40	76
	Nov 2014	9	0	7648.89	84
	Dec 2014	6	0	7651.36	90
	Jan 2015	5	0	7653.40	95
	Feb 2015	5	0	7655.14	100
	Mar 2015	9	3	7657.44	105
	Apr 2015	23	3	7664.94	125
	May 2015	71	71	7665.00	125
	Jun 2015	70	70	7664.95	125
	Jul 2015	29	42	7660.02	112
	Aug 2015	20	38	7652.75	94
	Sep 2015	17	30	7647.55	81
	WY 2015	**280**	**274**		
	Oct 2015	16	17	7646.79	79
	Nov 2015	9	1	7650.15	87

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

Model Run ID: 2160

Processed On: 12/9/2013 12:10:19PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2013 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)
*	Dec 2012	12	0	9	0	0	22	6024.73	957	30
H	Jan 2013	14	0	11	0	0	20	6023.77	947	
I	Feb 2013	13	0	10	1	0	19	6022.74	938	36
S	Mar 2013	31	1	26	1	6	22	6022.39	934	33
T	Apr 2013	71	7	53	2	21	36	6021.77	928	40
O	May 2013	154	17	118	3	36	17	6028.15	990	93
R	Jun 2013	40	8	46	3	42	33	6024.88	958	50
I	Jul 2013	2	1	25	3	40	51	6017.54	889	53
C	Aug 2013	43	3	53	3	34	41	6014.89	865	55
A	Sep 2013	151	5	110	2	15	25	6022.28	933	90
	WY 2013	**543**	**42**	**472**	**20**	**205**	**348**			**554**
L	Oct 2013	57	3	38	1	4	15	6024.13	951	45
*	Nov 2013	35	1	26	1	0	15	6025.11	960	43
	Dec 2013	26	0	21	0	0	20	6025.08	960	20
	Jan 2014	23	0	19	0	0	31	6023.79	948	31
	Feb 2014	29	0	26	1	0	28	6023.50	945	28
	Mar 2014	94	0	87	1	2	31	6028.93	998	31
	Apr 2014	195	9	167	2	18	30	6040.21	1115	30
	May 2014	285	16	268	3	33	66	6054.69	1282	66
	Jun 2014	220	6	214	4	48	75	6061.62	1369	75
	Jul 2014	50	0	62	4	53	36	6059.11	1337	36
	Aug 2014	40	0	59	4	46	51	6055.79	1295	51
	Sep 2014	38	0	52	3	26	39	6054.46	1279	39
	WY 2014	**1092**	**36**	**1037**	**25**	**230**	**437**			**495**
	Oct 2014	43	0	46	2	7	31	6054.99	1285	31
	Nov 2014	32	0	24	1	0	30	6054.44	1279	30
	Dec 2014	25	0	19	1	0	31	6053.42	1266	31
	Jan 2015	22	0	17	1	0	31	6052.21	1252	31
	Feb 2015	30	0	26	1	0	28	6051.98	1249	28
	Mar 2015	92	2	84	2	2	31	6056.07	1299	31
	Apr 2015	170	14	136	2	18	30	6062.87	1385	30
	May 2015	277	37	240	4	33	39	6074.80	1548	39
	Jun 2015	224	32	191	5	49	101	6077.26	1584	101
	Jul 2015	66	6	72	5	54	38	6075.52	1559	38
	Aug 2015	45	2	61	4	46	53	6072.59	1517	53
	Sep 2015	43	0	55	3	26	42	6071.47	1501	42
	WY 2015	**1070**	**94**	**970**	**29**	**235**	**484**			**484**
	Oct 2015	47	1	47	2	7	31	6072.00	1508	31
	Nov 2015	34	0	25	1	0	30	6071.62	1503	30

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

Model Run ID: 2160

Processed On: 12/9/2013 12:10:19PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2013 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)
*	Dec 2012	201	247	27	801	0	801	3609.82	5071	12713	800
H	Jan 2013	168	230	8	801	0	801	3604.42	5028	12177	801
I	Feb 2013	262	300	9	600	0	600	3601.47	5005	11891	595
S	Mar 2013	362	357	14	601	0	601	3598.96	4986	11651	594
T	Apr 2013	355	326	22	551	0	551	3596.53	4967	11422	547
O	May 2013	1122	925	26	602	0	602	3599.44	4989	11697	591
R	Jun 2013	939	907	42	800	0	800	3600.07	4994	11757	800
I	Jul 2013	143	298	49	848	0	848	3594.17	4950	11202	862
C	Aug 2013	273	401	47	801	0	801	3589.64	4917	10788	815
A	Sep 2013	857	802	44	600	0	600	3591.25	4928	10934	607
	WY 2013	**5117**	**5358**	**361**	**8154**	**78**	**8232**				**8244**
L	Oct 2013	549	475	30	481	0	481	3590.88	4926	10900	483
*	Nov 2013	460	419	29	553	127	680	3587.90	4904	10631	698
	Dec 2013	320	320	23	600	0	600	3584.74	4882	10351	612
	Jan 2014	300	316	7	800	0	800	3579.50	4845	9897	813
	Feb 2014	330	329	7	600	0	600	3576.46	4825	9639	610
	Mar 2014	600	492	12	505	0	505	3576.19	4823	9616	516
	Apr 2014	1100	850	19	500	0	500	3579.80	4848	9923	512
	May 2014	2300	1922	24	513	0	513	3594.19	4950	11204	525
	Jun 2014	2600	2130	42	600	0	600	3608.52	5060	12582	611
	Jul 2014	900	818	53	800	0	800	3608.19	5058	12549	819
	Aug 2014	400	521	53	800	0	800	3605.09	5033	12242	821
	Sep 2014	350	469	48	600	0	600	3603.39	5020	12077	614
	WY 2014	**10209**	**9062**	**348**	**7353**	**127**	**7480**				**7634**
	Oct 2014	464	497	33	600	0	600	3602.10	5010	11952	611
	Nov 2014	450	466	31	600	0	600	3600.51	4998	11799	609
	Dec 2014	363	438	25	800	0	800	3596.73	4969	11441	812
	Jan 2015	361	430	7	800	0	800	3592.97	4941	11092	813
	Feb 2015	393	436	8	650	0	650	3590.72	4925	10886	660
	Mar 2015	665	566	13	650	0	650	3589.72	4917	10796	661
	Apr 2015	1056	840	21	600	0	600	3591.95	4934	10998	612
	May 2015	2343	1940	27	650	0	650	3604.33	5027	12168	661
	Jun 2015	2666	2212	45	800	0	800	3616.86	5128	13434	811
	Jul 2015	1091	1006	56	1000	0	1000	3616.41	5125	13387	1019
	Aug 2015	500	624	55	1050	0	1050	3612.08	5089	12941	1071
	Sep 2015	408	547	50	800	0	800	3609.31	5067	12661	814
	WY 2015	**10760**	**10003**	**372**	**9000**	**0**	**9000**				**9154**
	Oct 2015	512	572	34	600	0	600	3608.73	5062	12603	611
	Nov 2015	473	518	33	600	0	600	3607.66	5053	12496	609

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

Model Run ID: 2160

Processed On: 12/9/2013 12:10:19PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2013 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	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)
*	Dec 2012	801	50	43	476	7.7	11	432	886	1120.36	13636
H	Jan 2013	801	56	35	609	9.9	9	591	899	1122.32	13828
I	Feb 2013	600	68	32	646	11.6	8	644	898	1122.14	13810
S	Mar 2013	601	69	36	987	16.1	15	986	875	1118.59	13465
T	Apr 2013	551	37	44	1103	18.5	20	1102	840	1112.91	12921
O	May 2013	602	28	50	1007	16.4	27	1008	812	1108.36	12495
R	Jun 2013	800	1	59	948	15.9	28	947	798	1105.98	12276
I	Jul 2013	848	113	73	865	14.1	28	858	798	1105.92	12270
C	Aug 2013	801	132	78	808	13.1	27	790	799	1106.13	12289
A	Sep 2013	600	155	64	599	10.1	16	586	804	1106.92	12362
	WY 2013	**8232**	**824**	**612**	**9043**		**224**	**8923**			
L	Oct 2013	481	38	47	733	11.9	20	716	786	1104.04	12099
*	Nov 2013	680	115	47	513	8.6	10	510	800	1106.36	12310
	Dec 2013	600	99	40	503	8.2	16	503	809	1107.79	12442
	Jan 2014	800	81	33	598	9.7	6	598	824	1110.24	12670
	Feb 2014	600	94	31	701	12.6	8	701	821	1109.77	12626
	Mar 2014	505	77	34	1014	16.5	13	1014	791	1104.90	12177
	Apr 2014	500	80	41	1133	19.0	19	1133	754	1098.49	11601
	May 2014	513	64	47	1021	16.6	32	1021	722	1092.91	11110
	Jun 2014	600	33	55	939	15.8	29	939	698	1088.67	10743
	Jul 2014	800	55	68	909	14.8	32	909	689	1086.97	10597
	Aug 2014	800	109	72	830	13.5	28	830	688	1086.74	10577
	Sep 2014	600	81	59	671	11.3	19	671	683	1085.98	10513
	WY 2014	**7480**	**925**	**575**	**9567**		**233**	**9546**			
	Oct 2014	600	54	43	509	8.3	21	509	688	1086.86	10588
	Nov 2014	600	44	43	610	10.2	12	610	687	1086.63	10568
	Dec 2014	800	99	38	543	8.8	6	543	706	1090.04	10861
	Jan 2015	800	81	31	726	11.8	14	726	713	1091.24	10964
	Feb 2015	650	94	29	695	12.5	16	695	713	1091.28	10967
	Mar 2015	650	77	32	1044	17.0	20	1044	690	1087.25	10621
	Apr 2015	600	80	39	1131	19.0	13	1131	660	1081.67	10150
	May 2015	650	64	44	1018	16.6	23	1018	637	1077.45	9801
	Jun 2015	800	33	52	954	16.0	21	954	625	1075.21	9618
	Jul 2015	1000	55	65	877	14.3	27	877	630	1076.20	9699
	Aug 2015	1050	109	70	842	13.7	22	842	644	1078.78	9910
	Sep 2015	800	81	58	647	10.9	17	647	654	1080.59	10060
	WY 2015	**9000**	**870**	**543**	**9596**		**213**	**9596**			
	Oct 2015	600	54	42	476	7.7	16	476	661	1081.93	10172
	Nov 2015	600	44	43	619	10.4	22	619	659	1081.48	10134

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

Model Run ID: 2160

Processed On: 12/9/2013 12:10:19PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2013 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)
*	Dec 2012	476	-6	9	395	0	395	6.4	638.30	1572
H	Jan 2013	609	-11	10	510	0	510	8.3	641.20	1650
I	Feb 2013	646	-12	10	609	0	609	11.0	641.78	1665
S	Mar 2013	987	-11	13	956	0	956	15.5	642.06	1673
T	Apr 2013	1103	-20	17	1017	0	1017	17.1	643.87	1723
O	May 2013	1007	-15	22	959	0	959	15.6	644.24	1733
R	Jun 2013	948	-16	26	928	0	928	15.6	643.45	1711
I	Jul 2013	865	-24	26	810	0	810	13.2	643.66	1717
C	Aug 2013	808	-16	23	749	0	749	12.2	644.35	1736
A	Sep 2013	599	-11	18	681	0	681	11.4	640.23	1624
	WY 2013	**9043**	**-158**	**198**	**8669**	**0**	**8669**			
L	Oct 2013	733	-13	15	768	0	768	12.5	637.86	1560
*	Nov 2013	513	4	11	531	0	531	8.9	636.95	1537
	Dec 2013	503	-17	9	395	0	395	6.4	640.01	1617
	Jan 2014	598	-16	10	533	0	533	8.7	641.50	1658
	Feb 2014	701	-8	10	675	0	675	12.2	641.80	1666
	Mar 2014	1014	-16	13	951	0	951	15.5	643.05	1700
	Apr 2014	1133	-15	17	1103	0	1103	18.5	643.00	1699
	May 2014	1021	-14	22	985	0	985	16.0	643.00	1699
	Jun 2014	939	-12	25	929	0	929	15.6	642.00	1671
	Jul 2014	909	-5	25	893	0	893	14.5	641.50	1658
	Aug 2014	830	-8	23	799	0	799	13.0	641.50	1658
	Sep 2014	671	-1	18	746	0	746	12.5	638.00	1564
	WY 2014	**9567**	**-122**	**197**	**9307**	**0**	**9307**			
	Oct 2014	509	0	15	624	0	624	10.2	633.00	1434
	Nov 2014	610	-16	10	532	0	532	8.9	635.00	1486
	Dec 2014	543	-17	9	420	0	420	6.8	638.71	1583
	Jan 2015	726	-16	10	617	0	617	10.0	641.80	1666
	Feb 2015	695	-8	10	677	0	677	12.2	641.80	1666
	Mar 2015	1044	-16	13	981	0	981	16.0	643.05	1700
	Apr 2015	1131	-15	17	1101	0	1101	18.5	643.00	1699
	May 2015	1018	-14	22	982	0	982	16.0	643.00	1699
	Jun 2015	954	-12	25	943	0	943	15.9	642.00	1671
	Jul 2015	877	-5	25	860	0	860	14.0	641.50	1658
	Aug 2015	842	-8	23	811	0	811	13.2	641.50	1658
	Sep 2015	647	-1	18	721	0	721	12.1	638.00	1564
	WY 2015	**9596**	**-129**	**197**	**9270**	**0**	**9270**			
	Oct 2015	476	0	15	591	0	591	9.6	633.00	1434
	Nov 2015	619	-16	10	542	0	542	9.1	635.00	1486

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

Model Run ID: 2160

Processed On: 12/9/2013 12:10:19PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2013 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	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)
*	Dec 2012	395	21	7	289	4.7	15	132	446.41	550	132	2.2
H	Jan 2013	510	17	6	352	5.7	57	80	448.01	580	143	2.3
I	Feb 2013	609	4	8	444	8.0	7	147	448.13	583	158	2.8
S	Mar 2013	956	7	9	680	11.1	98	180	447.58	572	191	3.1
T	Apr 2013	1017	13	11	765	12.9	84	148	448.35	587	185	3.1
O	May 2013	959	20	13	677	11.0	97	174	448.76	595	98	1.5
R	Jun 2013	928	15	16	688	11.6	104	129	448.45	589	98	1.7
I	Jul 2013	810	27	17	626	10.2	100	80	448.51	590	110	1.8
C	Aug 2013	749	37	17	552	9.0	99	95	449.22	604	109	1.8
A	Sep 2013	681	23	15	486	8.2	91	149	446.96	560	97	1.7
	WY 2013	**8669**	**246**	**141**	**6389**		**780**	**1521**			**1477**	
L	Oct 2013	768	18	12	467	7.6	99	186	447.91	578	71	1.2
*	Nov 2013	531	21	9	314	5.3	73	142	448.37	587	90	1.5
	Dec 2013	395	26	6	237	3.8	99	137	445.00	525	105	1.7
	Jan 2014	533	16	6	342	5.6	99	97	445.00	525	125	2.0
	Feb 2014	675	10	7	438	7.9	54	152	446.50	552	156	2.8
	Mar 2014	951	17	9	718	11.7	54	174	446.70	555	201	3.3
	Apr 2014	1103	21	11	798	13.4	102	167	448.70	593	212	3.6
	May 2014	985	20	13	703	11.4	105	173	448.70	593	111	1.8
	Jun 2014	929	15	16	691	11.6	102	122	448.70	593	109	1.8
	Jul 2014	893	25	17	709	11.5	105	87	448.00	580	111	1.8
	Aug 2014	799	24	17	614	10.0	105	86	447.50	571	105	1.7
	Sep 2014	746	23	15	550	9.2	89	119	446.81	557	102	1.7
	WY 2014	**9307**	**237**	**139**	**6578**		**1086**	**1640**			**1497**	
	Oct 2014	624	26	12	454	7.4	62	125	446.31	548	65	1.1
	Nov 2014	532	32	8	365	6.1	61	121	446.50	552	99	1.7
	Dec 2014	420	26	6	265	4.3	62	108	446.50	552	105	1.7
	Jan 2015	617	16	6	348	5.7	98	175	446.50	552	125	2.0
	Feb 2015	677	10	8	458	8.3	88	127	446.50	552	156	2.8
	Mar 2015	981	17	9	704	11.5	98	174	446.70	555	201	3.3
	Apr 2015	1101	21	11	801	13.5	95	169	448.70	593	212	3.6
	May 2015	982	20	13	707	11.5	98	172	448.70	593	111	1.8
	Jun 2015	943	15	16	698	11.7	95	136	448.70	593	109	1.8
	Jul 2015	860	25	17	733	11.9	98	38	448.00	580	111	1.8
	Aug 2015	811	24	17	648	10.5	98	69	447.50	571	105	1.7
	Sep 2015	721	23	15	563	9.5	70	101	446.81	557	102	1.7
	WY 2015	**9270**	**256**	**139**	**6744**		**1023**	**1514**			**1500**	
	Oct 2015	591	26	12	460	7.5	24	124	446.31	548	65	1.1
	Nov 2015	542	32	8	385	6.5	24	147	446.50	552	99	1.7

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

Model Run ID: 2160

Processed On: 12/9/2013 12:10:19PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2013 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
*	Dec 2012	476	7.7	1120.36	13636	302	475.06	1520.0	198.5	84	417.3
H	Jan 2013	609	9.9	1122.32	13828	192	474.10	1062.0	259.8	59	426.6
I	Feb 2013	646	11.6	1122.14	13810	-18	475.07	1072.0	276.4	59	427.6
S	Mar 2013	987	16.1	1118.59	13465	-346	472.93	1073.0	425.6	59	431.1
T	Apr 2013	1103	18.5	1112.91	12921	-544	463.52	1042.0	467.6	57	423.9
O	May 2013	1007	16.4	1108.36	12495	-426	463.02	1353.0	419.9	75	417.1
R	Jun 2013	948	15.9	1105.98	12276	-219	460.72	1726.0	388.1	97	409.5
I	Jul 2013	865	14.1	1105.92	12270	-5	460.74	1753.0	348.3	100	402.7
C	Aug 2013	808	13.1	1106.13	12289	19	461.35	1737.0	325.9	100	403.4
A	Sep 2013	599	10.1	1106.92	12362	73	464.61	1737.0	242.5	100	405.1
	WY 2013	**9043**							**3770.1**		
L	Oct 2013	733	11.9	1104.04	12099	-263	460.18	1332.0	300.5	77	410.1
*	Nov 2013	513	8.6	1106.36	12310	212	465.65	1179.0	209.8	68	408.7
	Dec 2013	503	8.2	1107.79	12442	131	459.79	1188.0	206.2	68	410.3
	Jan 2014	598	9.7	1110.24	12670	228	463.04	750.0	252.2	43	421.5
	Feb 2014	701	12.6	1109.77	12626	-44	459.21	1421.0	290.3	81	413.8
	Mar 2014	1014	16.5	1104.90	12177	-450	455.76	1440.0	415.4	84	409.8
	Apr 2014	1133	19.0	1098.49	11601	-576	450.17	1346.0	470.5	80	415.1
	May 2014	1021	16.6	1092.91	11110	-491	444.14	1335.0	410.1	81	401.5
	Jun 2014	939	15.8	1088.67	10743	-367	438.27	1514.0	372.9	93	397.1
	Jul 2014	909	14.8	1086.97	10597	-146	435.09	1613.0	354.4	100	389.8
	Aug 2014	830	13.5	1086.74	10577	-20	434.29	1612.0	326.4	100	393.4
	Sep 2014	671	11.3	1085.98	10513	-64	434.94	1609.0	258.8	100	385.5
	WY 2014	**9567**							**3867.6**		
	Oct 2014	509	8.3	1086.86	10588	75	439.10	1319.0	200.6	82	393.7
	Nov 2014	610	10.2	1086.63	10568	-20	442.53	1100.0	242.7	68	397.9
	Dec 2014	543	8.8	1090.04	10861	293	440.17	1429.0	209.1	87	384.7
	Jan 2015	726	11.8	1091.24	10964	103	442.28	1126.0	290.0	68	399.6
	Feb 2015	695	12.5	1091.28	10967	3	442.33	1057.0	281.0	64	404.0
	Mar 2015	1044	17.0	1087.25	10621	-346	438.01	1331.0	414.7	82	397.2
	Apr 2015	1131	19.0	1081.67	10150	-472	432.90	1296.0	451.2	82	399.0
	May 2015	1018	16.6	1077.45	9801	-349	428.10	1258.1	394.3	81	387.2
	Jun 2015	954	16.0	1075.21	9618	-182	423.93	1436.1	360.7	93	378.2
	Jul 2015	877	14.3	1076.20	9699	80	423.08	1545.1	338.3	100	385.7
	Aug 2015	842	13.7	1078.78	9910	212	425.01	1559.7	324.8	100	385.8
	Sep 2015	647	10.9	1080.59	10060	150	428.33	1569.9	244.5	100	378.1
	WY 2015	**9596**							**3751.7**		
	Oct 2015	476	7.7	1081.93	10172	112	433.98	1287.5	184.3	82	386.8
	Nov 2015	619	10.4	1081.48	10134	-37	437.52	1071.4	244.4	68	394.6

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

Model Run ID: 2160

Processed On: 12/9/2013 12:10:19PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2013 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
*	Dec 2012	395	6.4	638.30	1572	65	134.78	183.6	44.1	72	111.7
H	Jan 2013	510	8.3	641.20	1650	78	139.33	163.2	63.2	64	123.8
I	Feb 2013	609	11.0	641.78	1665	16	138.67	153.0	76.8	60	126.1
S	Mar 2013	956	15.5	642.06	1673	8	140.26	191.3	120.2	75	125.8
T	Apr 2013	1017	17.1	643.87	1723	49	142.09	252.5	128.5	99	126.3
O	May 2013	959	15.6	644.24	1733	10	143.40	244.8	121.8	96	127.0
R	Jun 2013	928	15.6	643.45	1711	-22	141.69	247.4	116.9	97	126.0
I	Jul 2013	810	13.2	643.66	1717	6	141.93	249.9	102.9	98	127.1
C	Aug 2013	749	12.2	644.35	1736	19	143.01	255.0	92.1	100	122.9
A	Sep 2013	681	11.4	640.23	1624	-112	138.83	255.0	89.1	100	130.8
	WY 2013	**8669**							**1092.0**		
L	Oct 2013	768	12.5	637.86	1560	-63	136.18	196.4	94.7	77	123.3
*	Nov 2013	531	8.9	636.95	1537	-24	137.13	158.1	61.5	62	115.9
	Dec 2013	395	6.4	640.01	1617	81	133.76	173.4	49.1	68	124.3
	Jan 2014	533	8.7	641.50	1658	40	136.47	163.2	66.8	64	125.5
	Feb 2014	675	12.2	641.80	1666	8	137.02	173.4	84.4	68	125.0
	Mar 2014	951	15.5	643.05	1700	34	135.44	255.0	118.4	100	124.6
	Apr 2014	1103	18.5	643.00	1699	-2	136.07	255.0	137.1	100	124.3
	May 2014	985	16.0	643.00	1699	0	136.04	255.0	123.1	100	125.0
	Jun 2014	929	15.6	642.00	1671	-27	135.51	255.0	115.7	100	124.6
	Jul 2014	893	14.5	641.50	1658	-14	134.73	255.0	110.9	100	124.3
	Aug 2014	799	13.0	641.50	1658	0	134.46	255.0	99.5	100	124.6
	Sep 2014	746	12.5	638.00	1564	-94	132.62	255.0	91.8	100	123.2
	WY 2014	**9307**							**1153.3**		
	Oct 2014	624	10.2	633.00	1434	-130	129.88	196.4	75.0	77	120.2
	Nov 2014	532	8.9	635.00	1486	51	129.62	158.1	63.5	62	119.3
	Dec 2014	420	6.8	638.71	1583	97	132.06	173.4	51.5	68	122.7
	Jan 2015	617	10.0	641.80	1666	83	135.97	163.2	76.8	64	124.5
	Feb 2015	677	12.2	641.80	1666	0	137.17	173.4	84.7	68	125.1
	Mar 2015	981	16.0	643.05	1700	34	135.44	255.0	122.1	100	124.5
	Apr 2015	1101	18.5	643.00	1699	-2	136.07	255.0	136.8	100	124.3
	May 2015	982	16.0	643.00	1699	0	136.04	255.0	122.7	100	125.0
	Jun 2015	943	15.9	642.00	1671	-27	135.51	255.0	117.5	100	124.6
	Jul 2015	860	14.0	641.50	1658	-14	134.73	255.0	107.1	100	124.5
	Aug 2015	811	13.2	641.50	1658	0	134.46	255.0	101.0	100	124.5
	Sep 2015	721	12.1	638.00	1564	-94	132.62	255.0	88.9	100	123.3
	WY 2015	**9270**							**1147.6**		
	Oct 2015	591	9.6	633.00	1434	-130	129.88	196.4	71.2	77	120.4
	Nov 2015	542	9.1	635.00	1486	51	129.62	158.1	64.6	62	119.2

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

Model Run ID: 2160

Processed On: 12/9/2013 12:10:19PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2013 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	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
*	Dec 2012	289	4.7	446.41	550	-31	80.98	103.2	19.5	86	67.5
H	Jan 2013	352	5.7	448.01	580	30	83.56	102.0	24.4	85	69.4
I	Feb 2013	444	8.0	448.13	583	2	80.52	115.2	31.2	96	70.1
S	Mar 2013	680	11.1	447.58	572	-10	81.73	120.0	46.8	100	68.9
T	Apr 2013	765	12.9	448.35	587	15	82.42	97.2	51.1	81	66.8
O	May 2013	677	11.0	448.76	595	8	80.83	104.4	46.4	87	68.6
R	Jun 2013	688	11.6	448.45	589	-6	82.20	117.6	47.4	98	68.9
I	Jul 2013	626	10.2	448.51	590	1	80.88	120.0	43.4	100	69.3
C	Aug 2013	552	9.0	449.22	604	14	82.71	120.0	37.0	100	67.0
A	Sep 2013	486	8.2	446.96	560	-43	80.66	120.0	34.5	100	71.0
	WY 2013	**6389**							**439.1**		
L	Oct 2013	467	7.6	447.91	578	18	83.28	96.0	31.7	80	67.9
*	Nov 2013	314	5.3	448.37	587	9	82.63	92.4	22.1	77	70.5
	Dec 2013	237	3.8	445.00	525	-62	75.38	92.4	14.8	77	62.4
	Jan 2014	342	5.6	445.00	525	0	73.61	94.8	21.5	79	63.0
	Feb 2014	438	7.9	446.50	552	27	74.46	92.4	28.4	77	64.7
	Mar 2014	718	11.7	446.70	555	4	74.93	99.6	47.3	83	65.9
	Apr 2014	798	13.4	448.70	593	38	75.08	120.0	52.7	100	66.0
	May 2014	703	11.4	448.70	593	0	76.05	120.0	46.7	100	66.5
	Jun 2014	691	11.6	448.70	593	0	76.05	120.0	45.9	100	66.5
	Jul 2014	709	11.5	448.00	580	-13	75.71	120.0	47.0	100	66.2
	Aug 2014	614	10.0	447.50	571	-9	75.13	120.0	40.2	100	65.5
	Sep 2014	550	9.2	446.81	557	-13	74.55	120.0	35.7	100	64.9
	WY 2014	**6578**							**433.9**		
	Oct 2014	454	7.4	446.31	548	-9	74.77	102.0	29.3	85	64.6
	Nov 2014	365	6.1	446.50	552	3	74.62	102.0	23.3	85	64.0
	Dec 2014	265	4.3	446.50	552	0	74.71	102.0	16.6	85	62.6
	Jan 2015	348	5.7	446.50	552	0	74.71	102.0	22.2	85	63.7
	Feb 2015	458	8.3	446.50	552	0	73.92	120.0	29.4	100	64.2
	Mar 2015	704	11.5	446.70	555	4	74.01	120.0	45.7	100	64.9
	Apr 2015	801	13.5	448.70	593	38	75.08	120.0	52.9	100	66.0
	May 2015	707	11.5	448.70	593	0	76.05	120.0	47.0	100	66.5
	Jun 2015	698	11.7	448.70	593	0	76.05	120.0	46.5	100	66.5
	Jul 2015	733	11.9	448.00	580	-13	75.71	120.0	48.6	100	66.3
	Aug 2015	648	10.5	447.50	571	-9	75.13	120.0	42.5	100	65.6
	Sep 2015	563	9.5	446.81	557	-13	74.55	120.0	36.5	100	65.0
	WY 2015	**6744**							**440.6**		
	Oct 2015	460	7.5	446.31	548	-9	74.77	102.0	29.8	85	64.7
	Nov 2015	385	6.5	446.50	552	3	74.62	102.0	24.7	85	64.1

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

Model Run ID: 2160

Processed On: 12/9/2013 12:10:19PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2013 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
*	Dec 2012	346	27	4	6	2	4
H	Jan 2013	349	28	4	6	2	4
I	Feb 2013	259	25	4	5	1	3
S	Mar 2013	258	20	4	5	2	3
	Winter 2013	**1433**	**121**	**23**	**35**	**12**	**15**
T	Apr 2013	235	19	10	14	8	3
O	May 2013	257	26	15	23	15	3
R	Jun 2013	344	52	18	26	16	3
I	Jul 2013	361	26	26	35	20	3
C	Aug 2013	338	26	23	31	18	3
A	Sep 2013	253	25	17	24	14	3
	Summer 2013	**1789**	**173**	**108**	**153**	**90**	**19**
L	Oct 2013	202	19	12	16	10	1
*	Nov 2013	231	18	3	0	1	4
	Dec 2013	230	18	4	6	3	5
	Jan 2014	303	18	4	5	3	5
	Feb 2014	227	16	3	5	3	4
	Mar 2014	190	18	4	6	4	4
	Winter 2014	**1383**	**106**	**30**	**38**	**24**	**23**
	Apr 2014	189	17	7	13	8	4
	May 2014	197	37	33	50	23	4
	Jun 2014	238	57	10	19	15	9
	Jul 2014	322	23	29	35	18	10
	Aug 2014	321	23	39	46	23	7
	Sep 2014	240	22	35	42	21	3
	Summer 2014	**1506**	**180**	**153**	**204**	**109**	**37**
	Oct 2014	239	23	20	25	13	7
	Nov 2014	238	22	11	14	7	6
	Dec 2014	315	23	20	25	13	6
	Jan 2015	312	23	18	23	12	6
	Feb 2015	253	21	16	21	11	5
	Mar 2015	251	23	9	13	7	5
	Winter 2015	**1608**	**136**	**94**	**120**	**63**	**33**
	Apr 2015	232	22	12	19	11	5
	May 2015	255	42	35	52	23	7
	Jun 2015	322	58	25	36	22	9
	Jul 2015	407	36	35	42	23	10
	Aug 2015	426	36	38	45	23	8
	Sep 2015	324	35	34	41	21	3
	Summer 2015	**1642**	**194**	**145**	**194**	**103**	**37**
	Oct 2015	241	36	20	25	13	6
	Nov 2015	240	35	11	14	7	6

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

Model Run ID: 2160

Processed On: 12/9/2013 12:10:19PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2013 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Dec 2013	1,042	462	736	13691	15930	15067	30997	1042	462	736	2240	13691	15067	30997	4580	503	0	29.5
Jan 2014	1,064	451	736	13971	16221	14935	31157	1064	451	736	2251	13971	14935	31157	5350	598	0	29.3
								****EFFECTIVE SPACE****										
Jan 2014	1,064	451	736	13971	16221	14935	31157	425	433	547	1405	13971	14935	30311	5350	598	0	29.3
Feb 2014	1,084	442	748	14425	16699	14707	31406	442	424	558	1425	14425	14707	30557	1500	701	0	29.0
Mar 2014	1,096	432	751	14683	16962	14751	31713	452	415	561	1428	14683	14751	30861	1500	1014	0	28.7
Apr 2014	1,070	416	698	14706	16890	15200	32091	421	399	504	1325	14706	15200	31231	1500	1133	0	28.7
May 2014	1,015	367	581	14399	16362	15776	32138	359	350	368	1076	14399	15776	31252	1500	1021	0	29.8
Jun 2014	937	257	414	13118	14726	16267	30993	272	229	165	666	13118	16267	30051	1500	939	0	31.3
Jul 2014	798	52	327	11740	12917	16634	29551	119	3	26	148	11740	16634	28523	1500	909	0	31.1
								****CREDITABLE SPACE****										
Aug 2014	696	43	359	11773	12872	16780	29652	696	43	359	1099	11773	16780	29652	1500	830	0	30.7
Sep 2014	701	110	401	12080	13291	16800	30091	701	110	401	1212	12080	16800	30091	2270	671	0	30.2
Oct 2014	728	179	417	12245	13569	16864	30434	728	179	417	1324	12245	16864	30434	3040	509	0	30.0
Nov 2014	747	203	411	12370	13731	16789	30521	747	203	411	1361	12370	16789	30521	3810	610	0	29.8
Dec 2014	765	208	417	12523	13913	16809	30722	765	208	417	1390	12523	16809	30722	4580	543	0	29.8
Jan 2015	796	248	430	12881	14355	16516	30871	796	248	430	1474	12881	16516	30871	5350	726	0	29.5
								****EFFECTIVE SPACE****										
Jan 2015	796	248	430	12881	14355	16516	30871	550	248	430	1228	12881	16516	30625	5350	726	0	29.5
Feb 2015	822	283	444	13230	14780	16413	31193	573	283	444	1301	13230	16413	30944	1500	695	0	29.3
Mar 2015	839	314	447	13436	15035	16410	31445	586	314	447	1347	13436	16410	31192	1500	1044	0	29.0
Apr 2015	805	309	397	13526	15038	16756	31794	547	309	397	1253	13526	16756	31536	1500	1131	0	28.9
May 2015	741	277	311	13324	14654	17227	31881	475	277	311	1064	13324	17227	31616	1500	1018	0	30.1
Jun 2015	621	189	148	12154	13112	17576	30688	344	187	123	654	12154	17576	30385	1500	954	0	31.6
Jul 2015	406	32	112	10888	11437	17759	29196	112	6	34	152	10888	17759	28799	1500	877	0	31.7
								****CREDITABLE SPACE****										
Aug 2015	312	27	137	10935	11412	17678	29090	312	27	137	477	10935	17678	29090	1500	842	0	31.3
Sep 2015	337	77	179	11381	11974	17467	29440	337	77	179	593	11381	17467	29440	2270	647	0	30.9
Oct 2015	389	143	195	11661	12388	17317	29705	389	143	195	727	11661	17317	29705	3040	476	0	30.8
Nov 2015	436	166	188	11719	12509	17205	29714	436	166	188	790	11719	17205	29714	3810	619	0	30.6

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

Model Run ID: 2160

Processed On: 12/9/2013 12:10:19PM