Date: January 13, 2004

From: Water Resource Group, Salt Lake City

To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Status

	December Inflow (unreg) (Acre-Feet)	Percent of Normal	Midnight January 13 Elevation	Reservoir Storage (Acre-Feet)
Fontenelle	28,000	85	6484.08	190,000
Flaming Gorge	27,000	68	6008.87	2,605,000
Blue Mesa	22,000	85	7461.35	380,000
Powell	296,000	68	3595.07	11,286,000
Navajo	20,000	78	5996.24	709,000

Expected Operation

FONTENELLE - Snowpack conditions above Fontenelle remain near normal through the second week of January. As of January 13, 2004 the snowpack above Fontenelle Reservoir measured 99% of normal. The snowpack building season is about one half complete at this point.

The Colorado Basin River Forecast Center (CBRFC) issued the 2004 Water Supply Forecast for Fontenelle at 680,000 acre-feet (79% of normal) for the period from April through July. Based on this forecast, it is very likely that Fontenelle Reservoir will fill during the summer of 2004. The reservoir elevation is currently 6484 feet above sea level and declining about 1 foot every 9 days. The reservoir elevation will continue to decline until April and will reach a minimum elevation for the year of about 6467 feet above sea level. By late July Fontenelle will be very nearly full depending on the accuracy of the Water Supply Forecast. Releases will likely remain at the current level (750 cfs) until late March when ice cover on the river has subsided.

Open forum discussions on Fontenelle operations take place at the "Fontenelle Reservoir Working Group" meetings. The Working Group is a forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. The public is encouraged to attend and express their concerns and interests with regard to Fontenelle Reservoir operation. The next Working Group meeting is scheduled for April 14th, 2004 at 10:00 a.m. and will at the Wyoming Fish and Game office located in Green River Wyoming. For more information about the Working Group, contact Ed Vidmar at 801-379-1182.

FLAMING GORGE - Due to experimental flows being conducted at Glen Canyon Dam, releases from Flaming Gorge Dam could see some fluctuations during the month of January. Fluctuating releases are being made to assist Western Area Power Administration make up generation that has been lost due to the experimental flows at Glen Canyon Dam. These fluctuations will vary daily

depending on power market conditions but are limited to a peak of 2000 cfs for a maximum duration of 4 hours each day. Minimum flows will remain at the current level which has been about 850 cfs. The additional releases are limited to 8500 acre-feet for the month of January which could impact the reservoir elevation by 2-3 inches.

The Colorado Basin River Forecast Center (CBRFC) has issued the coordinated water supply forecast for Water Year 2004. The official forecast for Flaming Gorge Reservoir has this years unregulated inflow volume for April through July at 930,000 acre-feet (78% of normal). This forecast will be updated twice each month as conditions change. Snow conditions above Flaming Gorge continue to be near normal for this time of year. On January 13th the snowpack above Flaming Gorge measured 96% of normal.

Based on the forecast, Flaming Gorge Reservoir will likely see some filling occur during the spring runoff. By March 1st, the reservoir elevation will likely see its low point for the year at about 6007.9 feet above sea level. By the end of July, the reservoir elevation potentially could rise about 10 feet from this level depending on the accuracy of the current forecast and the level of releases established during the runoff period.

The next "Flaming Gorge Working Group" meeting is to be held on April 15th, 2004 in Vernal, Utah at 10:00 a.m. at the Western Park Convention Center. The Working Group a forum for information exchange between Reclamation and all other parties associated with the operation of Flaming Gorge Reservoir. The public is encouraged to attend and express their concerns and interests with regard to the operation of Flaming Gorge Reservoir. For more information about the Working Group please contact Ed Vidmar at 801-379-1182.

ASPINALL – December unregulated inflow into Blue Mesa Reservoir was 22,000 acre-feet or 85 percent of average. Drought conditions still remain the controlling factor for water management throughout the region, even though we have had a fairly good start to the snowpack building season. Recorded precipitation during the month of December was 105 percent of normal. On January 13, 2004 the basin snowpack was averaging 117 percent. The current inflow rate into Blue Mesa Reservoir is about 325 cfs and reservoir releases are averaging about 225 cfs. Blue Mesa's present elevation is 7461.35 feet, which corresponds to a storage content of about 380,000 acre-feet.

Releases from Crystal Dam are currently set at 325 cfs. The Gunnison Diversion Tunnel has been shut down for the winter season with the exception of some small 100 cfs diversions taken bi-weekly for the municipal water needs for the city of Montrose, Colorado. Due to the severity of the continuing drought in the Gunnison River Basin, river flows through the Black Canyon of the Gunnison have been set close to the minimum flow rate. Last year that rate was 250 cfs; currently we have the river flow at 325 cfs.

On January 6, 2004, the National Weather Service's River Forecast Center issued the forecasted inflow for the April through July runoff period. The forecast is projecting a volume runoff into Blue Mesa Reservoir of 685,000 acre-feet. This represents a 95 percent of average runoff for this time period. Based on this forecast, Blue Mesa Reservoir is estimated to be near full or elevation 7516.4 feet by the end of the runoff period during the month of July 2004.

The next meeting of the "Aspinall Unit Working Group" will be on Thursday, January 22, 2004 at 1:00 PM in Montrose, Colorado. At this meeting, review of last summer and fall reservoir operations, and plans for next winter and spring 2004 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 – Reclamation decreased the release from Navajo Reservoir from 400 cubic feet per second (cfs) to 250 cfs, on Monday, November 3, 2003. All reservoir 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).

Based upon current hydrological conditions and historical hydrologic data, the target base flow should remain above 440 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gauged flows throughout the critical habitat area, therefore daily flows of less than 440 cfs may occur at some gages. This scheduled release is subject to changes in river flows and weather conditions.

Inflow into Navajo Reservoir continues to be very low. Unregulated reservoir inflow for December was 20,000 acre-feet, or 78 percent of average. The current reservoir inflow is averaging about 200 cfs. Presently, the reservoir water surface elevation is 5996.24 feet, which corresponds to a storage content of about 709,000 acre-feet. The monthly precipitation average in the basin above Bluff was 75 percent of average for December. The basin wide snowpack on January 13 was 108 percent of normal for the Animas River basin, and 126 percent of normal for the upper San Juan River basin.

On January 6, 2004, the National Weather Service's River Forecast Center issued an inflow forecast for Navajo Reservoir for the April through July runoff period. This forecast is projecting a volume runoff into the reservoir of 910,000 acre-feet. This represents a 114 percent of normal runoff for the Upper San Juan River Basin. Although this seems like a break from the drought of recent years it is still very early in the snow accumulation season to break us out of drought operation mode.

A public meeting on Navajo Reservoir operations will be held on Tuesday, January 20, 2004 starting at 1:00 PM in Farmington, New Mexico. At this meeting, review of last summer and fall reservoir operations, and plans for next winter and spring 2004 operations will be discussed. These 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 Pat Page in Reclamation's Durango, Colorado Office at (970) 385-6560 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam - Lake Powell

Operations Experimental Flows

Daily high fluctuating releases from Glen Canyon Dam, as part of the Glen Canyon Dam experimental flows, will be implemented from January through March 2003. Releases will range

between a high of 20,000 cubic feet per second (cfs) to a low of 5,000 cfs each day. The 20,000 cfs releases will be maintained for about 9 hours each day (from about 11:00 am until about 8:00 pm), while the 5,000 cfs releases will be maintained for about 8 hours (from about 1:00 am until about 9:00 am). The remainder of the hours will be transition releases where releases will be between the daily high and the daily low. This pattern will be maintained for 7 days a week during the January through March time period. It should be noted that due to real-time power considerations and regulation to stabilize the power system, actual releases may deviate somewhat from this pattern

The January through March high fluctuating releases are intended to benefit the endangered humpback chub. Scientists have recognized that the humpback chub population has been in general decline since highly fluctuating flows were curtailed in November of 1991. Those flows helped keep the non-native fish, especially the rainbow and brown trout, in check. The trout are thought to prey upon and compete with native fish such as the endangered humpback chub. This is the second year of high fluctuating releases as part of the experimental flows. High fluctuating releases were first implemented in January through March of 2003.

Monthly release volumes in January, February, and March 2003 are scheduled to be 788, 737, and 788 thousand acre-feet, respectively, which averages out to 12,800 cfs per day. Because of the draw down condition of Lake Powell, releases from Lake Powell in water year 2004 are being scheduled to meet the minimum release objective of 8.23 million acre-feet. This is consistent with the requirements of the Criteria for Coordinated Long-Range Operation of Colorado River Reservoirs. The experimental flows will not change the total volume of water to be released from Lake Powell in water year 2004.

The experimental flows from Glen Canyon Dam received environmental clearances in December 2002. The flows were analyzed in an environmental assessment in accordance with the National Environmental Policy Act. The experimental flows are the result of ongoing studies by scientists from the United States Geological Survey and were recommended by the Glen Canyon Dam Adaptive Management Work Group, a Federal advisory committee. The experimental flows address the decline of two key resources in the Grand Canyon: sediment and population viability of endangered humpback chub. The Finding of No Significant Impact on the experimental flows can be found at http://www.uc.usbr.gov/amp/flow_fonsi.pdf

Basin Hydrology

Severe drought conditions in the Colorado River Basin continue. As we move into mid-winter, there are no clear signals that the drought is easing. While much of Utah was slammed with a major winter storm the last week of December, snowpack in the Colorado River Basin remains near average. The bulk of the moisture from the Utah storm was in the Wasatch Mountains,west of the Colorado River Basin. As of December 30, 2003, snowpack in the Colorado River Basin is 101 percent of average. Because of the extended drought, the snowpack lies atop a mantle of very dry soil. This scenario is not favorable for next springs runoff, as much of the melting snow will be absorbed by the soil. Reclamation is estimating that with average snowpack conditions this winter, runoff next spring would be about 75 percent of average. The National Weather Service will issue an April through July inflow forecast for Lake Powell on January 5, 2004.

The Colorado River Basin is now in its 5th year of drought. Inflow volumes have been below average for 4 consecutive years. Unregulated inflow in water year 2003 was only 53 percent of

average. Unregulated inflow in 2000, 2001 and 2002 was 62, 59, and 25 percent of average, respectively. Inflow in 2002 was the lowest ever observed since the completion of Glen Canyon Dam in 1963.

The trend of low inflow continues. Unregulated inflow in November, 2003 was 64 percent of average and Decembers will likely end up at about 65 percent of average. On December 29, 2003 observed inflow to Lake Powell was 5,000 cfs, about 60 percent of what is usually seen in late December.

Low inflows have reduced water storage in Lake Powell. On December 5, 2003, the elevation of Lake Powell dropped below 3600 feet. The last time the water surface elevation was this low was in 1973. The current elevation (as of December 30, 2003) of Lake Powell is 3,597 feet (103 feet from full pool). Current storage is 11.5 million acre-feet (47 percent of capacity). The good news is that even after 4 years of severe drought Lake Powell is still storing a large volume of water.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-280
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-1102
PHONE 801-524-5571

****

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

:	Obs					Forecast			Outlook	
:	sep	oct	nov	dec	%Avg	jan	feb	mar	apr-jul	%Avg
GLDA3:Lake Powell	454	306	352	296	68%:	325/	350/	575/	7100/:	90%
GBRW4:Fontenelle	30	27	27	28	85%:	25/	25/	40/	680/:	79%
GRNU1:Flaming Gorge	26	24	28	27	68%:	25/	25/	65/	930/:	78%
BMDC2:Blue Mesa	45	27	24	22	85%:	20/	20/	30/	685/:	95%
MPSC2:Morrow Point					:	22/	22/	33/	745/:	95%
CLSC2:Crystal	52	32	29	27	82%:	25/	25/	38/	840/:	92%
VCRC2:Vallecito	17	6.4	6.1	4.9	80%:	4.1/	3.8/	6.2/	225/:	110%
NVRN5:Navajo	49	14	24	19.6	78%:	15/	24/	66/	910/:	114%
MPHC2:McPhee	14	4.8	3.6	3.5	78%:	3/	3.7/	13/	315/:	98%
TPIC2:Taylor Park					:	3.7/	3.5/	3.7/	100/:	97%
RBSC2:Ridgway					:	/	/	/	107/:	105%
LEMC2:Lemon	4.8	1.4	1.0	0.9	76%:	.7/	.65/	1.1/	60/:	103%

:
: ** UNREGULATED CRYSTAL INFLOW COMBINES BLUE MESA UNREGULATED
: INFLOW PLUS THE SIDE INFLOW TO BOTH MORROW POINT AND CRYSTAL

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 1/2004 Most Prob Water Supply 12-jan-2004 09:05:49

Fontenelle Reservoir

	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 Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jan 2003	25	1	40	0	40	6485.33	198
H Feb 2003	24	1	36	0	36	6483.23	185
I Mar 2003	59	1	58	0	58	6483.32	186
S Apr 2003	56	1	83	4	87	6477.50	154
T May 2003	76	1	74	13	87	6475.15	142
O Jun 2003	189	2	63	0	63	6495.52	266
R Jul 2003	69	2	46	0	46	6498.43	287
I Aug 2003	35	2	47	0	47	6496.53	273
C Sep 2003	31	2	46	0	46	6494.31	258
WY 2003	653	16	598	31	629		
A Oct 2003	27	1	29	17	46	6491.32	237
L Nov 2003	27	1	41	5	46	6488.45	218
* Dec 2003	28	1	46	0	46	6485.47	199
Jan 2004	25	1	46	0	46	6481.85	177
Feb 2004	25	1	42	0	42	6478.65	160
Mar 2004	40	0	75	0	75	6471.18	124
Apr 2004	74	1	92	0	92	6466.63	105
May 2004	155	1	97	0	97	6479.23	163
Jun 2004	282	2	102	48	150	6499.19	293
Jul 2004	169	3	101	14	115	6505.75	344
Aug 2004	76	2	100	0	100	6502.41	317
Sep 2004	46	2	65	0	65	6499.69	297
WY 2004	974	16	836	84	920		
Oct 2004	47	1	67	0	67	6496.81	275
Nov 2004	39	1	65	0	65	6493.04	249
Dec 2004	30	1	67	0	67	6487.36	211
Jan 2005	28	1	67	0	67	6480.81	171
Feb 2005	26	1	60	0	60	6473.99	137
Mar 2005	47	0	70	0	70	6468.63	113
Apr 2005	84	1	90	0	90	6467.01	107
May 2005	176	1	97	33	130	6477.08	152
Jun 2005	320	2	101	74	175	6499.43	295
Jul 2005	192	3	101	39	140	6505.78	344
Aug 2005	83	2	80	0	80	6505.86	345
Sep 2005	48	2	72	0	72	6502.58	319
WY 2005	1120	16	937	146	1083		
Oct 2005	52	1	67	0	67	6500.40	302
Nov 2005	43	1	65	0	65	6497.37	279
Dec 2005	33	1	67	0	67	6492.46	245

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 1/2004 Most Prob Water Supply 12-jan-2004 09:05:49

Flaming Gorge Reservoir

	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	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
* Jan 2003	30	45	1	49	0	49	68	6009.50	2625	0	80
H Feb 2003	32	43	2	57	0	57	67	6009.04	2610	0	79
I Mar 2003	78	77	3	52	0	52	68	6009.69	2631	0	131
S Apr 2003	66	96	4	49	0	49	70	6010.98	2673	0	219
T May 2003	99	119	7	140	0	140	69	6010.17	2647	0	590
O Jun 2003	244	111	9	63	0	63	70	6011.30	2684	0	506
R Jul 2003	72	48	11	50	0	50	70	6010.90	2670	0	102
I Aug 2003	33	44	11	52	0	52	69	6010.36	2653	0	65
C Sep 2003	26	40	9	50	0	50	68	6009.81	2635	0	65
WY 2003	764	737	68	710	0	710					2047
A Oct 2003	23	43	6	52	0	52	68	6009.38	2621	0	67
L Nov 2003	28	46	3	51	0	51	67	6009.17	2614	0	79
* Dec 2003	27	46	2	53	0	53	67	6008.91	2606	0	80
Jan 2004	25	46	1	49	0	49	67	6008.78	2602	0	49
Feb 2004	25	42	2	44	0	44	67	6008.66	2599	0	44
Mar 2004	65	100	4	49	0	49	68	6010.08	2644	0	49
Apr 2004	123	141	6	48	0	48	71	6012.67	2729	0	48
May 2004	237	178	9	125	0	125	73	6013.96	2772	0	125
Jun 2004	368	235	11	146	0	146	75	6016.19	2847	0	146
Jul 2004	203	149	12	61	0	61	77	6018.32	2921	0	61
Aug 2004	89	113	9	61	0	61	79	6019.50	2962	0	61
Sep 2004	56	75	8	60	0	60	79	6019.68	2968	0	60
WY 2004	1269	1214	73	799	0	799					869
Oct 2004	59	79	5	61	0	61	80	6020.05	2981	0	61
Nov 2004	50	76	2	60	0	60	80	6020.43	2995	0	60
Dec 2004	36	73	2	61	0	61	80	6020.71	3005	0	61
Jan 2005	41	80	2	61	0	61	81	6021.19	3022	0	61
Feb 2005	45	79	2	56	0	56	82	6021.75	3042	0	56
Mar 2005	97	120	4	61	0	61	83	6023.23	3095	0	61
Apr 2005	141	147	7	60	0	60	86	6025.34	3173	0	60
May 2005	273	227	10	160	0	160	88	6026.82	3228	0	160
Jun 2005	423	278	13	185	0	185	90	6028.87	3306	0	185
Jul 2005	233	181	14	61	0	61	94	6031.53	3409	0	61
Aug 2005	97	94	11	61	0	61	94	6032.09	3430	0	61
Sep 2005	59	83	9	60	0	60	95	6032.43	3444	0	60
WY 2005	1554	1517	81	947	0	947					947
Oct 2005	65	80	5	61	0	61	95	6032.77	3457	0	61
Nov 2005	56	78	2	60	0	60	96	6033.14	3472	0	60
Dec 2005	40	74	2	61	0	61	96	6033.41	3483	0	61

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 1/2004 Most Prob Water Supply 12-jan-2004 09:05:49

Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jan 2003	3	3	9287.57	40
H	Feb 2003	3	3	9287.04	40
I	Mar 2003	3	4	9286.61	39
S	Apr 2003	7	4	9289.66	42
T	May 2003	29	8	9305.60	63
O	Jun 2003	31	13	9316.66	81
R	Jul 2003	9	15	9313.21	75
I	Aug 2003	6	14	9308.70	68
C	Sep 2003	8	7	9309.00	68
	WY 2003	109	81		
A	Oct 2003	5	4	9309.72	69
L	Nov 2003	4	3	9310.47	71
*	Dec 2003	4	3	9310.82	71
	Jan 2004	3	3	9311.11	72
	Feb 2004	3	3	9311.35	72
	Mar 2004	4	6	9309.88	70
	Apr 2004	8	8	9309.94	70
	May 2004	26	18	9315.07	78
	Jun 2004	44	22	9327.02	100
	Jul 2004	21	22	9326.74	100
	Aug 2004	10	22	9320.47	88
	Sep 2004	7	17	9314.80	78
	WY 2004	139	131		
	Oct 2004	7	6	9315.11	78
	Nov 2004	5	6	9314.59	77
	Dec 2004	5	6	9313.77	76
	Jan 2005	4	6	9312.78	74
	Feb 2005	4	6	9311.46	72
	Mar 2005	4	6	9310.41	71
	Apr 2005	8	12	9308.11	67
	May 2005	27	18	9313.92	76
	Jun 2005	46	21	9327.31	101
	Jul 2005	22	22	9327.41	101
	Aug 2005	10	20	9322.38	91
	Sep 2005	7	16	9317.48	82
	WY 2005	149	145		
	Oct 2005	7	8	9316.63	81
	Nov 2005	5	6	9316.13	80
	Dec 2005	5	6	9315.32	79

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 1/2004 Most Prob Water Supply 12-jan-2004 09:05:49

Blue Mesa Reservoir

	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 elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jan 2003	17	18	0	11	0	11	7446.05	291
H Feb 2003	16	17	0	15	0	15	7446.30	292
I Mar 2003	27	27	0	9	0	9	7449.60	310
S Apr 2003	42	39	0	50	0	50	7447.48	299
T May 2003	174	155	1	42	0	42	7466.19	411
O Jun 2003	170	150	1	48	0	48	7480.76	512
R Jul 2003	43	49	1	101	0	101	7473.26	458
I Aug 2003	33	40	1	93	0	93	7465.29	405
C Sep 2003	45	45	1	62	0	62	7462.45	387
WY 2003	631	606	5	489	0	489		
A Oct 2003	26	25	0	47	0	47	7458.78	364
L Nov 2003	23	22	0	16	0	16	7459.81	370
* Dec 2003	22	21	0	15	0	15	7460.86	377
Jan 2004	20	20	0	15	0	15	7461.57	381
Feb 2004	20	20	0	14	0	14	7462.43	386
Mar 2004	30	32	0	16	0	16	7464.94	402
Apr 2004	72	72	1	46	0	46	7468.74	427
May 2004	207	199	1	52	0	52	7488.96	573
Jun 2004	278	256	1	56	0	56	7513.02	772
Jul 2004	128	128	2	96	0	96	7516.44	803
Aug 2004	63	75	1	103	0	103	7513.12	773
Sep 2004	36	46	1	101	0	101	7506.69	717
WY 2004	925	916	7	577	0	577		
Oct 2004	37	37	1	82	0	82	7501.22	671
Nov 2004	32	33	0	73	0	73	7496.25	631
Dec 2004	26	27	0	77	0	77	7490.03	582
Jan 2005	25	27	0	85	0	85	7482.35	523
Feb 2005	23	25	0	76	0	76	7475.23	472
Mar 2005	35	37	0	86	0	86	7468.03	423
Apr 2005	75	79	1	84	0	84	7467.16	417
May 2005	218	208	1	110	0	110	7481.12	514
Jun 2005	292	268	1	27	0	27	7510.87	753
Jul 2005	134	134	2	84	0	84	7516.35	802
Aug 2005	65	74	1	99	0	99	7513.46	776
Sep 2005	37	46	1	100	0	100	7507.10	721
WY 2005	999	995	8	983	0	983		
Oct 2005	37	39	1	82	0	82	7501.88	677
Nov 2005	32	33	0	76	0	76	7496.56	633
Dec 2005	26	27	0	80	0	80	7489.97	581

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 1/2004 Most Prob Water Supply 12-jan-2004 09:05:49

Morrow Point Reservoir

	Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total 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 Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jan 2003	19	11	1	13	0	12	0	12	7151.64	110
H Feb 2003	18	15	2	17	0	15	0	15	7154.46	113
I Mar 2003	29	9	3	12	0	16	0	16	7148.63	108
S Apr 2003	48	50	7	57	0	52	0	52	7154.64	113
T May 2003	188	42	14	56	0	54	0	54	7157.73	115
O Jun 2003	180	48	10	58	0	59	0	59	7157.05	115
R Jul 2003	46	101	3	104	0	106	0	106	7154.89	113
I Aug 2003	36	93	3	95	0	97	0	97	7152.55	111
C Sep 2003	47	62	2	64	0	64	0	64	7153.42	112
WY 2003	678	489	48	537	0	530	0	530		
A Oct 2003	28	47	2	49	0	52	0	52	7149.88	109
L Nov 2003	25	16	2	18	0	16	0	16	7151.87	111
* Dec 2003	24	15	2	16	0	15	0	15	7153.36	112
Jan 2004	22	15	2	17	0	16	0	16	7153.73	112
Feb 2004	23	14	3	17	0	17	0	17	7153.73	112
Mar 2004	33	16	3	19	0	19	0	19	7153.73	112
Apr 2004	80	46	9	55	0	55	0	55	7153.73	112
May 2004	233	52	26	78	0	78	0	78	7153.73	112
Jun 2004	298	56	20	76	0	76	0	76	7153.73	112
Jul 2004	134	96	6	102	0	102	0	102	7153.73	112
Aug 2004	66	103	3	106	0	106	0	106	7153.73	112
Sep 2004	38	101	2	103	0	103	0	103	7153.73	112
WY 2004	1004	577	80	656	0	655	0	655		
Oct 2004	39	82	2	84	0	84	0	84	7153.73	112
Nov 2004	34	73	2	75	0	75	0	75	7153.73	112
Dec 2004	28	77	2	79	0	79	0	79	7153.73	112
Jan 2005	27	85	2	87	0	87	0	87	7153.73	112
Feb 2005	25	76	3	79	0	79	0	79	7153.73	112
Mar 2005	39	86	4	90	0	90	0	90	7153.73	112
Apr 2005	85	84	10	94	0	94	0	94	7153.73	112
May 2005	247	110	29	139	0	139	0	139	7153.73	112
Jun 2005	315	27	23	50	0	50	0	50	7153.73	112
Jul 2005	141	84	7	91	0	91	0	91	7153.73	112
Aug 2005	68	99	4	103	0	103	0	103	7153.73	112
Sep 2005	39	100	2	102	0	102	0	102	7153.73	112
WY 2005	1087	983	90	1073	0	1073	0	1073		
Oct 2005	39	82	2	84	0	84	0	84	7153.73	112
Nov 2005	34	76	2	78	0	78	0	78	7153.73	112
Dec 2005	28	80	2	82	0	82	0	82	7153.73	112

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 1/2004 Most Prob Water Supply 12-jan-2004 09:05:49

Crystal Reservoir

	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 Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Jan 2003	22	12	3	15	2	14	16	6740.21	13	1	16
H Feb 2003	21	15	3	18	0	15	15	6752.71	17	0	14
I Mar 2003	34	16	4	20	10	11	21	6750.34	16	5	16
S Apr 2003	56	52	7	59	59	0	59	6752.87	17	43	16
T May 2003	206	54	18	72	72	0	72	6752.51	17	49	24
O Jun 2003	196	59	16	75	77	1	78	6740.47	13	48	34
R Jul 2003	52	106	6	111	108	1	109	6748.44	16	63	49
I Aug 2003	42	97	6	103	102	0	102	6752.65	17	62	41
C Sep 2003	52	64	5	68	70	0	70	6744.61	15	46	27
WY 2003	756	530	76	605	522	86	608			317	269
A Oct 2003	32	52	4	56	27	28	55	6746.98	15	34	23
L Nov 2003	29	16	4	20	0	20	20	6747.86	16	0	20
* Dec 2003	27	15	4	19	0	20	20	6744.53	15	1	19
Jan 2004	25	16	3	20	0	19	19	6746.05	15	0	19
Feb 2004	25	17	2	19	0	19	19	6746.05	15	0	19
Mar 2004	38	19	5	24	0	24	24	6746.05	15	5	19
Apr 2004	92	55	11	66	66	0	66	6746.05	15	30	36
May 2004	265	78	32	110	110	0	110	6746.05	15	55	55
Jun 2004	335	76	37	113	112	1	113	6746.05	15	60	53
Jul 2004	148	102	14	116	116	0	116	6746.05	15	65	51
Aug 2004	76	106	10	116	116	0	116	6746.05	15	65	51
Sep 2004	47	103	9	112	112	0	112	6746.05	15	55	57
WY 2004	1139	655	135	791	659	131	790			370	422
Oct 2004	47	84	8	92	92	0	92	6746.05	15	30	62
Nov 2004	40	75	6	81	81	0	81	6746.05	15	0	81
Dec 2004	33	79	5	84	84	0	84	6746.05	15	0	84
Jan 2005	32	87	5	92	92	0	92	6746.05	15	0	92
Feb 2005	30	79	4	83	83	0	83	6746.05	15	0	83
Mar 2005	47	90	8	97	97	0	97	6746.05	15	5	92
Apr 2005	104	94	18	112	112	0	112	6746.05	15	30	82
May 2005	299	139	52	191	116	75	191	6746.05	15	55	136
Jun 2005	378	50	62	112	112	0	112	6746.05	15	60	52
Jul 2005	167	91	26	116	116	0	116	6746.05	15	65	51
Aug 2005	82	103	14	116	116	0	116	6746.05	15	65	51
Sep 2005	49	102	10	113	112	1	113	6746.05	15	55	58
WY 2005	1308	1073	218	1289	1213	76	1289			365	924
Oct 2005	47	84	8	92	92	0	92	6746.05	15	30	62
Nov 2005	40	78	6	84	84	0	84	6746.05	15	0	84
Dec 2005	33	82	5	87	87	0	87	6746.05	15	0	87

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 1/2004 Most Prob Water Supply 12-jan-2004 09:05:49

Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jan 2003	3	0	7624.24	35
H	Feb 2003	3	0	7625.98	38
I	Mar 2003	5	0	7628.62	42
S	Apr 2003	14	0	7635.63	55
T	May 2003	53	29	7646.68	79
O	Jun 2003	30	40	7641.61	68
R	Jul 2003	9	36	7627.82	41
I	Aug 2003	11	26	7616.93	25
C	Sep 2003	17	6	7624.58	36
	WY 2003	163	142		
A	Oct 2003	6	4	7625.86	38
L	Nov 2003	6	0	7629.25	43
*	Dec 2003	5	0	7631.78	48
	Jan 2004	4	0	7633.77	52
	Feb 2004	4	2	7634.70	54
	Mar 2004	6	6	7634.81	54
	Apr 2004	23	28	7632.21	49
	May 2004	74	43	7646.75	79
	Jun 2004	90	45	7664.57	124
	Jul 2004	38	45	7662.12	118
	Aug 2004	20	45	7652.45	93
	Sep 2004	17	43	7641.01	67
	WY 2004	293	261		
	Oct 2004	14	24	7636.22	57
	Nov 2004	9	4	7638.66	62
	Dec 2004	6	5	7639.15	63
	Jan 2005	5	4	7639.61	64
	Feb 2005	5	4	7640.06	65
	Mar 2005	8	8	7640.06	65
	Apr 2005	21	22	7639.59	64
	May 2005	67	43	7650.19	88
	Jun 2005	82	45	7664.62	125
	Jul 2005	35	45	7660.88	115
	Aug 2005	19	43	7651.42	91
	Sep 2005	16	30	7645.50	77
	WY 2005	287	277		
	Oct 2005	14	12	7646.38	79
	Nov 2005	9	4	7648.51	84
	Dec 2005	6	4	7649.36	86

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 1/2004 Most Prob Water Supply 12-jan-2004 09:05:49

Navajo Reservoir

	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 Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
* Jan 2003	13	0	10	0	0	22	6009.14	815	39
H Feb 2003	15	0	12	0	0	20	6008.15	806	35
I Mar 2003	39	1	34	1	4	22	6008.99	813	44
S Apr 2003	71	11	48	2	16	21	6010.10	823	41
T May 2003	163	26	115	2	26	25	6016.96	884	98
O Jun 2003	81	19	68	3	36	29	6017.05	885	85
R Jul 2003	-9	1	17	3	41	58	6007.43	800	53
I Aug 2003	2	1	19	2	33	43	6000.18	740	51
C Sep 2003	48	3	35	2	15	24	5999.45	734	67
WY 2003	479	62	400	17	183	338			604
A Oct 2003	14	0	12	1	7	27	5996.50	711	49
L Nov 2003	24	0	18	1	0	16	5996.73	713	51
* Dec 2003	20	0	15	0	0	15	5996.63	712	78
Jan 2004	15	0	11	0	0	15	5996.06	708	15
Feb 2004	24	0	22	0	0	14	5997.08	716	14
Mar 2004	66	1	65	1	5	15	6002.62	760	15
Apr 2004	196	14	187	1	24	15	6019.49	907	15
May 2004	318	31	257	2	31	15	6040.27	1116	15
Jun 2004	298	32	221	3	43	15	6054.18	1275	15
Jul 2004	97	9	95	4	48	28	6055.40	1290	28
Aug 2004	50	3	72	3	43	36	6054.56	1280	36
Sep 2004	42	1	68	2	19	23	6056.49	1304	23
WY 2004	1164	91	1043	18	220	234			354
Oct 2004	44	1	53	1	12	22	6057.93	1322	22
Nov 2004	35	0	30	1	1	21	6058.52	1329	21
Dec 2004	25	0	24	1	0	22	6058.65	1331	22
Jan 2005	23	0	22	0	0	31	6057.87	1321	31
Feb 2005	30	0	29	1	0	28	6057.93	1322	28
Mar 2005	89	1	89	1	4	31	6062.04	1374	31
Apr 2005	170	14	156	2	21	30	6069.72	1477	30
May 2005	275	31	220	3	28	59	6078.82	1607	59
Jun 2005	257	32	188	4	39	120	6080.50	1632	120
Jul 2005	84	9	85	5	44	40	6080.27	1629	40
Aug 2005	45	3	67	3	43	34	6079.32	1615	34
Sep 2005	40	1	53	3	19	30	6079.41	1616	30
WY 2005	1117	92	1016	25	211	468			468
Oct 2005	44	1	41	2	12	31	6079.18	1612	31
Nov 2005	35	0	30	1	1	30	6079.06	1611	30
Dec 2005	25	0	23	1	0	31	6078.49	1602	31

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 1/2004 Most Prob Water Supply 12-jan-2004 09:05:49

Lake Powell

		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 Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Jan 2003	236	264	16	784	0	784	3615.28	19120	13269	798
H	Feb 2003	262	281	17	714	0	714	3611.02	19106	12833	727
I	Mar 2003	413	376	15	786	0	786	3607.13	19071	12444	794
S	Apr 2003	409	387	22	601	0	601	3605.10	19035	12243	605
T	May 2003	1156	1054	29	652	0	652	3610.26	18895	12756	661
O	Jun 2003	2003	1644	44	842	0	842	3616.20	19045	13365	865
R	Jul 2003	350	447	45	900	0	900	3610.63	19117	12794	935
I	Aug 2003	137	292	50	902	0	902	3604.21	19096	12156	927
C	Sep 2003	454	490	47	473	0	473	3603.73	19113	12110	485
	WY 2003	6358	6270	368	8227	0	8227				8390
A	Oct 2003	306	378	27	490	0	490	3601.93	19148	11935	495
L	Nov 2003	352	364	23	475	0	475	3600.48	19154	11796	485
*	Dec 2003	296	312	20	602	0	602	3597.22	19246	11487	610
	Jan 2004	300	319	18	788	0	788	3592.36	19210	11035	0
	Feb 2004	350	353	17	712	0	712	3588.52	19182	10687	0
	Mar 2004	575	500	21	788	0	788	3585.31	19159	10401	0
	Apr 2004	882	638	23	600	0	600	3585.46	19160	10415	0
	May 2004	2064	1555	32	650	0	650	3594.39	19225	11222	0
	Jun 2004	2759	2107	39	800	0	800	3606.65	19319	12396	0
	Jul 2004	1395	1210	46	925	1	924	3608.87	19336	12617	0
	Aug 2004	478	523	47	925	0	925	3604.66	19303	12201	0
	Sep 2004	371	440	41	476	0	476	3603.94	19297	12130	0
	WY 2004	10128	8699	354	8231	1	8230				1590
	Oct 2004	502	540	37	492	0	492	3604.04	19298	12140	0
	Nov 2004	496	534	30	476	0	476	3604.31	19300	12166	0
	Dec 2004	396	468	25	492	0	492	3603.84	19296	12120	0
	Jan 2005	365	453	19	850	0	850	3599.84	19266	11735	0
	Feb 2005	379	441	18	650	0	650	3597.63	19249	11525	0
	Mar 2005	597	558	22	600	0	600	3597.00	19244	11466	0
	Apr 2005	887	711	25	600	0	600	3597.85	19250	11546	0
	May 2005	2074	1696	35	650	0	650	3607.51	19325	12482	0
	Jun 2005	2773	2204	42	800	0	800	3619.80	19426	13742	0
	Jul 2005	1402	1189	50	910	0	910	3621.79	19443	13954	0
	Aug 2005	552	585	51	910	0	910	3618.51	19415	13606	0
	Sep 2005	428	502	43	800	0	800	3615.48	19390	13290	0
	WY 2005	10851	9881	397	8230	0	8230				0
	Oct 2005	557	598	39	600	0	600	3615.12	19387	13253	0
	Nov 2005	550	594	32	600	0	600	3614.78	19384	13217	0
	Dec 2005	439	520	27	500	0	500	3614.71	19384	13210	0

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 1/2004 Most Prob Water Supply 12-jan-2004 09:05:49

Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Jan 2003	784	66	41	651	10.6	13	646	1095	1153.33	16854
H	Feb 2003	714	77	38	608	10.9	11	580	1104	1154.42	16978
I	Mar 2003	786	72	42	957	15.6	16	949	1094	1153.09	16826
S	Apr 2003	601	34	52	1138	19.1	21	1126	1059	1148.27	16287
T	May 2003	652	29	58	1017	16.5	24	1013	1033	1144.68	15893
O	Jun 2003	842	5	69	918	15.4	31	917	1023	1143.19	15733
R	Jul 2003	900	39	86	964	15.7	33	964	1014	1141.93	15598
I	Aug 2003	902	118	91	744	12.1	31	743	1023	1143.27	15741
C	Sep 2003	473	81	75	584	9.8	26	581	1015	1142.12	15618
	WY 2003	8227	656	719	9462		268	9383			
A	Oct 2003	490	21	54	539	8.8	26	537	1009	1141.17	15517
L	Nov 2003	475	46	54	637	10.7	20	635	997	1139.48	15337
*	Dec 2003	602	46	47	623	10.1	19	622	994	1139.12	15300
	Jan 2004	788	73	38	626	10.2	13	641	1005	1140.63	15458
	Feb 2004	712	98	35	797	13.9	12	788	1003	1140.40	15435
	Mar 2004	788	84	39	964	15.7	20	983	993	1138.89	15275
	Apr 2004	600	58	48	1095	18.4	25	1112	961	1134.15	14780
	May 2004	650	78	54	1024	16.6	32	1042	936	1130.49	14404
	Jun 2004	800	39	65	864	14.5	32	851	930	1129.48	14301
	Jul 2004	924	68	81	877	14.3	32	866	930	1129.60	14314
	Aug 2004	925	83	86	803	13.1	32	791	936	1130.51	14406
	Sep 2004	476	71	71	585	9.8	30	573	929	1129.33	14286
	WY 2004	8230	765	672	9434		293	9441			
	Oct 2004	492	62	52	342	5.6	30	331	937	1130.63	14419
	Nov 2004	476	60	52	674	11.3	21	672	925	1128.71	14223
	Dec 2004	492	77	44	658	10.7	16	656	915	1127.33	14084
	Jan 2005	850	73	36	713	11.6	13	732	924	1128.65	14217
	Feb 2005	650	98	33	734	13.2	12	726	923	1128.43	14195
	Mar 2005	600	84	37	939	15.3	20	956	903	1125.35	13886
	Apr 2005	600	58	45	1090	18.3	25	1113	871	1120.34	13392
	May 2005	650	78	51	1027	16.7	32	1044	846	1116.46	13018
	Jun 2005	800	39	61	911	15.3	32	853	840	1115.41	12917
	Jul 2005	910	68	76	874	14.2	32	867	840	1115.44	12920
	Aug 2005	910	83	81	812	13.2	32	793	845	1116.29	13001
	Sep 2005	800	71	67	597	10.0	30	574	857	1118.23	13188
	WY 2005	8230	851	635	9371		295	9316			
	Oct 2005	600	62	50	414	6.7	30	331	873	1120.67	13424
	Nov 2005	600	60	50	652	11.0	21	673	867	1119.86	13346
	Dec 2005	500	77	43	639	10.4	16	657	859	1118.51	13216

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 1/2004 Most Prob Water Supply 12-jan-2004 09:05:49

Davis Dam - Lake Mohave

	Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Jan 2003	651	-17	608	0	608	9.9	643.24	1705
H Feb 2003	608	-13	572	0	572	10.3	644.08	1728
I Mar 2003	957	-19	980	0	980	15.9	642.53	1686
S Apr 2003	1138	-30	1108	0	1108	18.6	642.53	1686
T May 2003	1017	-33	955	0	955	15.5	643.60	1715
O Jun 2003	918	-32	905	0	905	15.2	642.89	1696
R Jul 2003	964	-31	886	0	886	14.4	644.60	1743
I Aug 2003	744	-23	723	0	723	11.8	644.48	1739
C Sep 2003	584	-20	660	0	660	11.1	640.95	1643
WY 2003	9462	-256	9135	0	9135			
A Oct 2003	539	-7	706	0	706	11.5	634.31	1468
L Nov 2003	637	-11	568	0	568	9.5	636.53	1526
* Dec 2003	623	-18	540	0	540	8.8	638.98	1590
Jan 2004	626	-32	594	0	594	9.7	639.57	1606
Feb 2004	797	-26	696	0	696	12.1	642.00	1671
Mar 2004	964	-29	926	0	926	15.1	643.01	1699
Apr 2004	1095	-36	1076	0	1076	18.1	643.01	1699
May 2004	1024	-33	1009	0	1009	16.4	643.01	1699
Jun 2004	864	-28	851	0	851	14.3	642.00	1671
Jul 2004	877	-29	850	0	850	13.8	641.50	1658
Aug 2004	803	-35	756	0	756	12.3	641.50	1658
Sep 2004	585	-31	636	0	636	10.7	638.00	1564
WY 2004	9434	-315	9208	0	9208			
Oct 2004	342	-30	494	0	494	8.0	630.49	1371
Nov 2004	674	-28	555	0	555	9.3	634.00	1460
Dec 2004	658	-28	505	0	505	8.2	638.71	1583
Jan 2005	713	-32	617	0	617	10.0	641.80	1666
Feb 2005	734	-26	667	0	667	12.0	643.01	1699
Mar 2005	939	-29	927	0	927	15.1	643.01	1699
Apr 2005	1090	-36	1077	0	1077	18.1	643.01	1699
May 2005	1027	-33	1011	0	1011	16.4	643.01	1699
Jun 2005	911	-28	852	0	852	14.3	642.00	1671
Jul 2005	874	-29	852	0	852	13.9	641.50	1658
Aug 2005	812	-35	758	0	758	12.3	641.50	1658
Sep 2005	597	-31	637	0	637	10.7	638.00	1564
WY 2005	9371	-365	8952	0	8952			
Oct 2005	414	-30	495	0	495	8.0	630.49	1371
Nov 2005	652	-28	556	0	556	9.3	634.00	1460
Dec 2005	639	-28	506	0	506	8.2	638.71	1583

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 1/2004 Most Prob Water Supply 12-jan-2004 09:05:49

Parker Dam - Lake Havasu

	Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
* Jan 2003	608	-2	378	6.1	58	179	445.69	537	134	2.2
H Feb 2003	572	13	376	6.8	6	167	447.62	573	181	3.3
I Mar 2003	980	-13	728	11.8	82	188	445.89	541	207	3.4
S Apr 2003	1108	1	800	13.4	82	176	448.60	592	205	3.4
T May 2003	955	49	709	11.5	53	184	448.83	596	112	1.8
O Jun 2003	905	-15	715	12.0	35	144	448.57	591	112	1.9
R Jul 2003	886	-13	742	12.1	51	76	448.81	596	122	2.0
I Aug 2003	723	-4	607	9.9	63	48	448.81	596	100	1.6
C Sep 2003	660	-9	572	9.6	57	54	447.05	562	93	1.6
WY 2003	9135	19	6840		764	1492			1571	
A Oct 2003	706	-9	509	8.3	60	125	447.20	565	73	1.2
L Nov 2003	568	6	336	5.7	67	175	446.96	560	100	1.7
* Dec 2003	540	9	347	5.6	75	171	444.52	516	119	1.9
Jan 2004	594	-6	350	5.7	58	188	444.00	507	130	2.1
Feb 2004	696	10	472	8.2	33	169	445.80	539	155	2.7
Mar 2004	926	12	676	11.0	61	185	446.70	555	200	3.3
Apr 2004	1076	0	803	13.5	59	176	448.71	594	193	3.2
May 2004	1009	-2	746	12.1	61	182	449.60	611	109	1.8
Jun 2004	851	-7	732	12.3	30	82	449.60	611	111	1.9
Jul 2004	850	-9	762	12.4	31	79	448.00	580	121	2.0
Aug 2004	756	1	664	10.8	31	72	447.50	570	100	1.6
Sep 2004	636	8	558	9.4	30	69	446.81	557	90	1.5
WY 2004	9208	13	6955		596	1673			1501	
Oct 2004	494	11	483	7.9	31	0	446.31	548	72	1.2
Nov 2004	555	17	374	6.3	40	163	445.99	543	99	1.7
Dec 2004	505	0	320	5.2	41	148	445.80	539	119	1.9
Jan 2005	617	-6	364	5.9	59	188	445.80	539	130	2.1
Feb 2005	667	10	474	8.5	33	169	445.80	539	155	2.8
Mar 2005	927	12	676	11.0	62	185	446.70	555	200	3.3
Apr 2005	1077	0	803	13.5	60	176	448.71	594	193	3.2
May 2005	1011	-2	747	12.1	62	182	449.60	611	109	1.8
Jun 2005	852	-7	733	12.3	30	82	449.60	611	111	1.9
Jul 2005	852	-9	763	12.4	31	79	448.00	580	121	2.0
Aug 2005	758	1	665	10.8	31	72	447.50	570	100	1.6
Sep 2005	637	8	558	9.4	30	69	446.81	557	90	1.5
WY 2005	8952	35	6960		510	1513			1499	
Oct 2005	495	11	484	7.9	31	0	446.29	548	72	1.2
Nov 2005	556	17	374	6.3	41	163	446.00	543	99	1.7
Dec 2005	506	0	320	5.2	42	148	445.80	539	119	1.9

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 1/2004 Most Prob Water Supply 12-jan-2004 14:19:26

Hoover Dam - Lake Mead

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Jan 2003	651	10.6	1153.33	16854	136	0.00	1183.0	285.8	62	438.7
H Feb 2003	608	10.9	1154.42	16978	125	0.00	1317.0	265.2	69	436.1
I Mar 2003	957	15.6	1153.09	16826	-152	0.00	1526.0	425.3	80	444.4
S Apr 2003	1138	19.1	1148.27	16287	-539	0.00	1431.0	504.4	75	443.3
T May 2003	1017	16.5	1144.68	15893	-393	0.00	1509.0	443.4	82	435.8
O Jun 2003	918	15.4	1143.19	15733	-161	0.00	1840.0	394.8	100	429.9
R Jul 2003	964	15.7	1141.93	15598	-135	0.00	1840.0	413.6	100	428.8
I Aug 2003	744	12.1	1143.27	15741	144	0.00	1840.0	313.4	100	421.2
C Sep 2003	584	9.8	1142.12	15618	-124	0.00	1840.0	242.1	100	414.5
WY 2003	9463							4112.9		
A Oct 2003	539	8.8	1141.17	15517	-101	0.00	1490.0	225.4	81	418.5
L Nov 2003	637	10.7	1139.48	15337	-178	0.00	1233.0	272.5	67	427.7
* Dec 2003	623	10.1	1139.12	15300	-38	0.00	1141.0	266.0	62	426.8
Jan 2004	626	10.2	1140.63	15458	159	492.68	1168.7	281.2	62	449.5
Feb 2004	797	13.9	1140.40	15435	-23	491.67	1281.8	352.1	68	441.9
Mar 2004	964	15.7	1138.89	15275	-160	489.56	1300.7	439.3	69	455.7
Apr 2004	1095	18.4	1134.15	14780	-495	486.11	1300.7	499.3	69	455.9
May 2004	1024	16.6	1130.49	14404	-376	478.48	1885.0	443.1	100	432.9
Jun 2004	864	14.5	1129.48	14301	-102	476.48	1885.0	366.4	100	424.3
Jul 2004	877	14.3	1129.60	14314	13	476.54	1885.0	372.1	100	424.2
Aug 2004	803	13.1	1130.51	14406	92	477.21	1885.0	336.6	100	419.4
Sep 2004	585	9.8	1129.33	14286	-120	478.22	1885.0	238.2	100	406.9
WY 2004	9433							4092.2		
Oct 2004	342	5.6	1130.63	14419	133	481.08	1771.9	129.6	94	378.7
Nov 2004	674	11.3	1128.71	14223	-195	485.34	1413.8	287.6	75	426.7
Dec 2004	658	10.7	1127.33	14084	-139	481.99	1300.7	278.1	69	422.8
Jan 2005	713	11.6	1128.65	14217	133	479.41	1300.7	314.2	69	440.6
Feb 2005	734	13.2	1128.43	14195	-22	478.55	1300.7	315.0	69	429.1
Mar 2005	939	15.3	1125.35	13886	-309	476.50	1300.7	416.0	69	443.2
Apr 2005	1090	18.3	1120.34	13392	-493	472.47	1300.7	487.5	69	447.2
May 2005	1027	16.7	1116.46	13018	-375	466.72	1526.8	440.1	81	428.6
Jun 2005	911	15.3	1115.41	12917	-100	462.51	1885.0	357.8	100	392.6
Jul 2005	874	14.2	1115.44	12920	3	462.49	1885.0	363.2	100	415.8
Aug 2005	812	13.2	1116.29	13001	81	463.09	1885.0	328.9	100	405.2
Sep 2005	597	10.0	1118.23	13188	187	465.62	1885.0	233.6	100	391.3
WY 2005	9370							3951.5		
Oct 2005	414	6.7	1120.67	13424	236	472.68	1413.8	128.9	75	311.2
Nov 2005	652	11.0	1119.86	13346	-78	475.96	1413.8	283.5	75	434.9
Dec 2005	639	10.4	1118.51	13216	-130	473.18	1300.7	274.2	69	429.0

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 1/2004 Most Prob Water Supply 12-jan-2004 14:19:26

Davis Dam - Lake Mohave

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Jan 2003	608	9.9	643.24	1705	26	0.00	154.0	76.7	64	126.2
H Feb 2003	572	10.3	644.08	1728	23	0.00	178.0	73.2	74	128.0
I Mar 2003	980	15.9	642.53	1686	-42	0.00	197.0	124.6	82	127.1
S Apr 2003	1108	18.6	642.53	1686	0	0.00	240.0	138.5	100	125.0
T May 2003	955	15.5	643.60	1715	29	0.00	255.0	120.9	100	126.5
O Jun 2003	905	15.2	642.89	1696	-19	0.00	255.0	113.6	100	125.6
R Jul 2003	886	14.4	644.60	1743	47	0.00	255.0	111.6	100	125.9
I Aug 2003	723	11.8	644.48	1739	-3	0.00	255.0	91.6	100	126.7
C Sep 2003	660	11.1	640.95	1643	-96	0.00	204.0	82.2	80	124.6
WY 2003	9134							1143.3		
A Oct 2003	706	11.5	634.31	1468	-175	0.00	204.0	84.7	80	120.0
L Nov 2003	568	9.5	636.53	1526	58	0.00	196.0	67.9	77	119.5
* Dec 2003	540	8.8	638.98	1590	65	0.00	173.0	65.3	68	120.9
Jan 2004	594	9.7	639.57	1606	15	134.94	163.2	73.5	64	123.8
Feb 2004	696	12.1	642.00	1671	66	135.66	188.7	86.4	74	124.2
Mar 2004	926	15.1	643.01	1699	28	136.79	209.1	115.6	82	124.8
Apr 2004	1076	18.1	643.01	1699	0	136.05	255.0	133.8	100	124.4
May 2004	1009	16.4	643.01	1699	0	136.05	255.0	126.0	100	124.8
Jun 2004	851	14.3	642.00	1671	-28	135.52	255.0	106.4	100	125.1
Jul 2004	850	13.8	641.50	1658	-14	134.73	255.0	105.9	100	124.5
Aug 2004	756	12.3	641.50	1658	0	134.46	255.0	94.4	100	124.8
Sep 2004	636	10.7	638.00	1564	-94	132.63	255.0	78.7	100	123.8
WY 2004	9208							1138.6		
Oct 2004	494	8.0	630.49	1371	-193	128.32	204.0	59.2	80	119.9
Nov 2004	555	9.3	634.00	1460	89	126.46	196.3	65.2	77	117.6
Dec 2004	505	8.2	638.71	1583	123	131.54	173.4	61.5	68	121.7
Jan 2005	617	10.0	641.80	1666	83	135.97	163.2	76.9	64	124.5
Feb 2005	667	12.0	643.01	1699	33	137.30	188.7	83.8	74	125.7
Mar 2005	927	15.1	643.01	1699	0	137.29	209.1	116.1	82	125.3
Apr 2005	1077	18.1	643.01	1699	0	136.05	255.0	133.9	100	124.4
May 2005	1011	16.4	643.01	1699	0	136.05	255.0	126.2	100	124.8
Jun 2005	852	14.3	642.00	1671	-28	135.52	255.0	106.6	100	125.0
Jul 2005	852	13.9	641.50	1658	-14	134.73	255.0	106.1	100	124.5
Aug 2005	758	12.3	641.50	1658	0	134.46	255.0	94.6	100	124.8
Sep 2005	637	10.7	638.00	1564	-94	132.63	255.0	78.8	100	123.8
WY 2005	8952							1108.9		
Oct 2005	495	8.0	630.49	1371	-193	128.32	204.0	59.3	80	119.9
Nov 2005	556	9.3	634.00	1460	89	126.46	196.3	65.3	77	117.6
Dec 2005	506	8.2	638.71	1583	123	131.54	173.4	61.6	68	121.7

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 1/2004 Most Prob Water Supply 12-jan-2004 14:19:26

Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jan 2003	378	6.1	445.69	537	-10	0.00	120.0	25.5	100	67.5
H	Feb 2003	376	6.8	447.62	573	36	0.00	120.0	25.2	100	67.1
I	Mar 2003	728	11.8	445.89	541	-32	0.00	120.0	48.5	100	66.6
S	Apr 2003	800	13.4	448.60	592	50	0.00	120.0	53.8	100	67.2
T	May 2003	709	11.5	448.83	596	5	0.00	120.0	48.4	100	68.3
O	Jun 2003	715	12.0	448.57	591	-5	0.00	120.0	48.8	100	68.3
R	Jul 2003	742	12.1	448.81	596	5	0.00	120.0	50.7	100	68.3
I	Aug 2003	607	9.9	448.81	596	-0	0.00	120.0	41.6	100	68.5
C	Sep 2003	572	9.6	447.05	562	-33	0.00	113.0	39.9	94	69.8
	WY 2003	6841							465.3		
A	Oct 2003	509	8.3	447.20	565	3	0.00	92.0	34.6	77	68.0
L	Nov 2003	336	5.7	446.96	560	-5	0.00	94.0	22.9	78	68.0
*	Dec 2003	347	5.6	444.52	516	-44	0.00	103.0	23.1	86	66.5
	Jan 2004	350	5.7	444.00	507	-9	71.74	120.0	21.6	100	61.7
	Feb 2004	472	8.2	445.80	539	32	72.36	120.0	29.7	100	63.0
	Mar 2004	676	11.0	446.70	555	16	73.67	120.0	43.7	100	64.6
	Apr 2004	803	13.5	448.71	594	38	75.09	120.0	53.0	100	66.0
	May 2004	746	12.1	449.60	611	18	76.49	120.0	50.0	100	66.9
	Jun 2004	732	12.3	449.60	611	0	76.93	120.0	49.2	100	67.3
	Jul 2004	762	12.4	448.00	580	-31	76.15	120.0	50.8	100	66.7
	Aug 2004	664	10.8	447.50	570	-10	75.13	120.0	43.6	100	65.7
	Sep 2004	558	9.4	446.81	557	-13	74.55	120.0	36.2	100	64.9
	WY 2004	6955							458.4		
	Oct 2004	483	7.9	446.31	548	-9	75.37	90.0	31.6	75	65.4
	Nov 2004	374	6.3	445.99	543	-6	74.98	90.0	24.1	75	64.4
	Dec 2004	320	5.2	445.80	539	-4	74.73	90.0	20.3	75	63.5
	Jan 2005	364	5.9	445.80	539	0	74.64	90.0	23.3	75	64.0
	Feb 2005	474	8.5	445.80	539	0	74.64	90.0	30.9	75	65.1
	Mar 2005	676	11.0	446.70	555	16	75.08	90.0	44.6	75	66.0
	Apr 2005	803	13.5	448.71	594	38	75.09	120.0	53.0	100	66.0
	May 2005	747	12.1	449.60	611	18	76.49	120.0	50.0	100	66.9
	Jun 2005	733	12.3	449.60	611	0	76.93	120.0	49.3	100	67.3
	Jul 2005	763	12.4	448.00	580	-31	76.15	120.0	50.9	100	66.7
	Aug 2005	665	10.8	447.50	570	-10	75.13	120.0	43.7	100	65.7
	Sep 2005	558	9.4	446.81	557	-13	74.86	112.8	36.4	94	65.2
	WY 2005	6960							458.1		
	Oct 2005	484	7.9	446.29	548	-9	75.24	92.4	31.6	77	65.3
	Nov 2005	374	6.3	446.00	543	-5	74.79	93.6	24.0	78	64.2
	Dec 2005	320	5.2	445.80	539	-4	74.07	103.2	20.2	86	63.0

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T Y M R E S E R V O I R S

Bureau of Reclamation - CRFS 1/2004 Most Prob Water Supply Mon Jan 12 15:34:40 2004

Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	Jan 2003	345	16	3	4	0	3
H	Feb 2003	326	19	4	5	0	2
I	Mar 2003	334	17	2	5	1	4
	Winter 2003	1708	101	22	33	4	16
S	Apr 2003	254	16	12	18	11	6
T	May 2003	275	48	11	20	18	5
O	Jun 2003	0	0	0	0	0	0
R	Jul 2003	386	17	29	39	20	3
I	Aug 2003	382	17	26	36	23	3
C	Sep 2003	201	32	17	23	22	3
	Summer 2003	1498	130	95	135	94	21
A	Oct 2003	206	17	13	18	8	2
L	Nov 2003	198	17	4	6	0	3
*	Dec 2003	251	22	4	5	1	3
	Jan 2004	307	17	4	6	12	4
	Feb 2004	275	16	4	6	21	3
	Mar 2004	303	17	4	7	21	5
	Winter 2004	1541	105	33	48	63	20
	Apr 2004	230	17	13	20	22	6
	May 2004	251	45	15	28	22	7
	Jun 2004	315	52	17	27	21	8
	Jul 2004	370	22	30	37	17	10
	Aug 2004	369	22	32	38	15	10
	Sep 2004	189	22	31	37	16	6
	Summer 2004	1724	179	138	187	113	46
	Oct 2004	195	22	25	30	17	6
	Nov 2004	189	22	22	27	16	6
	Dec 2004	195	22	23	28	18	6
	Jan 2005	336	22	25	31	21	5
	Feb 2005	255	20	22	28	22	4
	Mar 2005	235	22	24	32	21	5
	Winter 2005	1406	130	140	178	116	32
	Apr 2005	235	22	23	34	22	6
	May 2005	257	58	31	50	22	7
	Jun 2005	324	68	8	18	21	8
	Jul 2005	374	22	26	33	17	10
	Aug 2005	374	22	31	37	16	8
	Sep 2005	327	22	31	37	16	7
	Summer 2005	1891	215	151	209	115	45
	Oct 2005	244	23	25	30	0	6
	Nov 2005	244	22	23	28	0	6
	Dec 2005	203	23	24	29	-NaN	6

BUREAU OF RECLAMATION - CRFS 1/2004 MOST PROB WATER SUPPLY JOB STARTED:Tus JAN 13 8:53:27 2004

model_run_id = 1295

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	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 REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
			* * * * P R E D I C T E D S P A C E * * * *									* * * * C R E D I T A B L E S P A C E * * * *							
JAN	2004	1289	453	984	12833	15559	12080	27639	1289	453	984	2726	12833	12080	27639	5350	641	0	32.7
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2004	1289	453	984	12833	15559	12080	27639	523	453	740	1716	12833	12080	26630	5350	641	0	32.7
FEB	2004	1314	449	988	13285	16036	11922	27958	547	449	744	1740	13285	11922	26947	1500	788	0	32.4
MAR	2004	1336	443	980	13633	16392	11945	28337	566	443	736	1745	13633	11945	27323	1500	983	0	32.1
APR	2004	1325	427	936	13919	16607	12105	28712	550	427	686	1663	13919	12105	27687	1500	1112	0	31.9
MAY	2004	1260	402	789	13905	16356	12600	28956	475	402	514	1391	13905	12600	27897	1500	1042	0	32.8
JUN	2004	1159	256	580	13098	15093	12976	28070	363	254	273	890	13098	12976	26964	1500	851	0	34.4
JUL	2004	954	57	421	11924	13355	13079	26434	142	32	67	240	11924	13079	25242	1500	866	0	34.8
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2004	829	27	406	11703	12965	13066	26031	829	27	406	1262	11703	13066	26031	1500	791	0	34.4
SEP	2004	815	56	416	12119	13406	12974	26380	815	56	416	1287	12119	12974	26380	2270	573	0	34.0
OCT	2004	829	112	392	12190	13523	13094	26617	829	112	392	1333	12190	13094	26617	3040	331	0	33.9
NOV	2004	837	158	374	12180	13549	12961	26511	837	158	374	1369	12180	12961	26511	3810	672	0	33.8
DEC	2004	850	199	367	12154	13570	13157	26727	850	199	367	1416	12154	13157	26727	4580	656	0	33.7
JAN	2005	878	248	365	12200	13691	13296	26986	878	248	365	1491	12200	13296	26986	5350	732	0	33.4
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2005	878	248	365	12200	13691	13296	26986	609	248	365	1222	12200	13296	26718	5350	732	0	33.4
FEB	2005	901	306	375	12585	14167	13163	27330	629	306	375	1310	12585	13163	27058	1500	726	0	33.1
MAR	2005	915	358	374	12795	14442	13185	27626	640	358	374	1372	12795	13185	27351	1500	956	0	32.8
APR	2005	885	407	322	12854	14468	13494	27962	604	407	322	1333	12854	13494	27681	1500	1113	0	32.6
MAY	2005	814	413	219	12774	14221	13988	28208	523	413	219	1155	12774	13988	27917	1500	1044	0	33.5
JUN	2005	714	315	89	11838	12957	14362	27319	410	315	89	814	11838	14362	27015	1500	853	0	35.2
JUL	2005	493	76	64	10578	11211	14463	25674	172	50	45	267	10578	14463	25308	1500	867	0	35.5
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2005	341	27	67	10366	10802	14460	25262	341	27	67	436	10366	14460	25262	1500	793	0	35.2
SEP	2005	319	53	81	10714	11167	14379	25546	319	53	81	453	10714	14379	25546	2270	574	0	34.9
OCT	2005	331	109	80	11030	11550	14192	25742	331	109	80	520	11030	14192	25742	3040	331	0	34.9
NOV	2005	335	153	84	11067	11638	13956	25594	335	153	84	571	11067	13956	25594	3810	673	0	34.8
DEC	2005	342	196	85	11103	11727	14034	25761	342	196	85	624	11103	14034	25761	4580	657	0	34.7