

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Bruce Williams
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8571

The operation of Lake Powell and Lake Mead in this March 2010 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 2010 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2009 24-Month Study projections of the January 1, 2010 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead.

The operational tier for water year 2010 for the coordinated operation of Lake Powell and Lake Mead is the Upper Elevation Balancing Tier with a corresponding annual release from Lake Powell of 8.23 maf. Under this operational tier, an adjustment to the water year operation of Lake Powell can occur in April based on the April 24-Month Study projection of the September 30 system storage and reservoir water surface elevations.

The March 2010 24-Month Study, with a water year release volume from Lake Powell of 8.23 million acre-feet (maf), projects that the Lake Powell end of water year 2010 water surface elevation will be 3,631.88 feet above sea level which is below the 2010 Equalization Elevation of 3,642 feet. For this reason, the March 2010 24-Month Study projects that an April adjustment to the Equalization Tier in 2010 is not likely to occur under the currently forecasted most probable hydrologic conditions.

Basin hydrology can vary significantly through the winter and there is uncertainty in forecasting snow pack conditions. An April adjustment to the Equalization Tier is not likely unless forecasted runoff conditions improve significantly by April 1. Reclamation estimates that an April adjustment to the Equalization Tier could only occur if the 2010 April-July inflow forecast volume were to increase by approximately 1.2 million acre-feet above the current forecast of 5.4 million acre-feet. In the past 31 years, only once has the forecast increased by at least this volume from one month to the next. For this reason, Reclamation estimates the probability of an April adjustment to the Equalization Tier in 2010 to be approximately 3 percent.

The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2010.

The Interim Guidelines are available for download at <http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf>.
The 2010 AOP is available for download at http://www.usbr.gov/lc/region/g4000/AOP2010/AOP10_draft.pdf.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: Observed unregulated inflow into Lake Powell for the month of February 2010 was 0.298 maf or 71% of the 30-year average. The forecast for March 2010 unregulated inflow into Lake Powell is 0.450 maf or 68% of the 30-year average. The forecast for the 2010 April through July unregulated inflow is 5.4 maf or 68% of average.

In this study, the Calendar Year (CY) 2010 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 1.135 maf. The CY 2010 diversion for the Central Arizona Project (CAP) is forecasted to be 1.600 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.352 maf for CY 2010.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2-foot increments. This study reflects these changes in the projections.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Lower Colorado Region's Power Management Office, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

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 3/2010 Most Prob Water Supply
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
* Mar 2009	46	0	59	0	59	6467.98	111
H Apr 2009	91	1	57	0	57	6475.63	145
I May 2009	152	1	62	1	64	6490.46	231
S Jun 2009	477	3	91	285	376	6504.01	330
T Jul 2009	247	3	88	145	233	6505.36	341
O Aug 2009	72	2	98	6	104	6500.99	306
R Sep 2009	37	2	66	0	66	6496.84	276
WY 2009	1295	15	773	485	1258		
I Oct 2009	48	1	51	11	62	6494.68	260
C Nov 2009	42	1	0	62	62	6491.61	239
A Dec 2009	31	1	0	70	71	6485.42	198
L Jan 2010	28	1	38	30	69	6478.10	157
* Feb 2010	23	0	55	0	55	6471.41	125
Mar 2010	37	0	56	0	56	6466.71	106
Apr 2010	65	1	51	0	51	6470.09	119
May 2010	105	1	58	0	58	6479.66	165
Jun 2010	165	2	57	0	57	6496.24	271
Jul 2010	80	3	58	0	58	6498.85	290
Aug 2010	54	2	58	0	58	6497.96	284
Sep 2010	42	2	41	21	62	6494.92	262
WY 2010	719	14	524	195	719		
Oct 2010	49	1	56	8	64	6492.52	245
Nov 2010	41	1	62	0	62	6489.24	224
Dec 2010	32	1	64	0	64	6484.17	191
Jan 2011	30	1	64	0	64	6477.98	156
Feb 2011	28	0	58	0	58	6471.47	125
Mar 2011	52	0	64	0	64	6468.38	112
Apr 2011	89	1	83	0	83	6469.69	118
May 2011	176	1	99	5	105	6483.72	188
Jun 2011	307	2	103	90	193	6500.09	300
Jul 2011	185	3	101	38	138	6505.77	344
Aug 2011	82	2	99	5	105	6502.66	319
Sep 2011	48	2	36	31	68	6499.94	298
WY 2011	1120	15	891	178	1069		
Oct 2011	49	1	70	0	70	6496.90	276
Nov 2011	41	1	68	0	68	6493.12	249
Dec 2011	32	1	70	0	70	6487.35	211
Jan 2012	30	1	70	0	70	6480.70	171
Feb 2012	29	1	65	0	65	6473.30	134

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 3/2010 Most Prob Water Supply
Flaming Gorge Reservoir

08-Mar-2010 16:52:29

	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
* Mar 2009	62	75	3	52	0	52	120	6020.18	2987	0	140
H Apr 2009	127	93	5	50	0	50	122	6021.21	3024	0	312
I May 2009	212	125	7	150	0	150	120	6020.33	2993	758	883
S Jun 2009	573	472	10	96	0	96	134	6029.83	3357	517	624
T Jul 2009	284	271	14	117	0	117	140	6033.29	3478	109	247
O Aug 2009	74	106	13	124	0	124	139	6032.53	3448	21	161
R Sep 2009	45	74	11	120	0	120	136	6031.12	3392	14	144
WY 2009	1564	1527	79	1065	0	1065					3709
I Oct 2009	45	59	7	109	0	109	134	6029.69	3337	0	152
C Nov 2009	47	67	4	104	0	104	133	6028.67	3298	0	0
A Dec 2009	19	59	2	107	1	108	131	6027.38	3249	0	505
L Jan 2010	27	68	2	109	0	109	129	6026.29	3208	0	669
* Feb 2010	29	61	2	87	0	87	128	6025.55	3181	0	110
Mar 2010	52	71	3	60	0	60	128	6025.77	3189	0	60
Apr 2010	86	72	5	48	0	48	129	6026.27	3207	0	48
May 2010	125	78	8	120	0	120	127	6024.99	3160	0	120
Jun 2010	204	96	10	123	0	123	126	6024.01	3124	0	123
Jul 2010	100	78	13	68	0	68	126	6023.95	3121	0	68
Aug 2010	64	68	12	68	0	68	125	6023.65	3111	0	68
Sep 2010	52	72	11	65	0	65	125	6023.54	3107	0	65
WY 2010	850	850	78	1067	1	1068					1987
Oct 2010	59	75	7	68	0	68	125	6023.54	3107	0	68
Nov 2010	51	71	3	65	0	65	125	6023.61	3109	0	65
Dec 2010	36	68	2	68	0	68	125	6023.58	3108	0	68
Jan 2011	41	75	2	68	0	68	125	6023.73	3113	0	68
Feb 2011	45	76	2	61	0	61	126	6024.06	3125	0	61
Mar 2011	103	116	3	68	0	68	127	6025.24	3169	0	68
Apr 2011	142	136	5	65	0	65	130	6026.94	3232	0	65
May 2011	263	192	8	126	0	126	132	6028.42	3289	0	126
Jun 2011	400	286	11	182	0	182	136	6030.76	3378	0	182
Jul 2011	219	172	14	114	0	114	138	6031.86	3421	0	114
Aug 2011	96	119	13	114	0	114	137	6031.66	3414	0	114
Sep 2011	58	78	11	110	0	110	136	6030.58	3371	0	110
WY 2011	1515	1463	80	1108	0	1108					1108
Oct 2011	59	80	7	114	0	114	134	6029.56	3332	0	114
Nov 2011	51	77	3	110	0	110	133	6028.63	3297	0	110
Dec 2011	36	74	2	114	0	114	131	6027.58	3256	0	114
Jan 2012	41	80	2	114	0	114	130	6026.68	3223	0	114
Feb 2012	47	84	2	106	0	106	129	6026.03	3199	0	106

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 3/2010 Most Prob Water Supply
Taylor Park Reservoir

08-Mar-2010 16:52:29

Regulated Inflow	Total Release 1000 Ac-Ft	Reservoir Elevation 1000 Feet	Live Storage 1000 Ac-Ft
* Mar 2009	4	5	9310.68
H Apr 2009	11	5	9314.31
I May 2009	46	20	9328.38
S Jun 2009	37	35	9329.45
T Jul 2009	16	26	9324.35
O Aug 2009	7	19	9317.78
R Sep 2009	6	15	9312.44
WY 2009	153	152	
I Oct 2009	7	8	9311.60
C Nov 2009	5	6	9310.68
A Dec 2009	4	6	9309.18
L Jan 2010	4	6	9307.90
* Feb 2010	4	6	9306.55
Mar 2010	4	6	9304.74
Apr 2010	8	8	9305.08
May 2010	24	14	9311.53
Jun 2010	37	16	9323.45
Jul 2010	16	20	9321.31
Aug 2010	8	19	9315.13
Sep 2010	6	15	9309.66
WY 2010	126	130	
Oct 2010	6	8	9308.47
Nov 2010	5	6	9307.79
Dec 2010	4	6	9306.80
Jan 2011	4	6	9305.59
Feb 2011	4	6	9304.04
Mar 2011	4	6	9302.81
Apr 2011	8	8	9303.40
May 2011	27	14	9311.97
Jun 2011	43	16	9326.88
Jul 2011	20	20	9327.09
Aug 2011	10	22	9320.80
Sep 2011	7	15	9316.31
WY 2011	144	132	
Oct 2011	6	10	9314.05
Nov 2011	5	6	9313.42
Dec 2011	4	6	9312.51
Jan 2012	4	6	9311.40
Feb 2012	4	6	9310.06

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 3/2010 Most Prob Water Supply
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
* Mar 2009	40	40	0	49	0	49	7484.97	543
H Apr 2009	104	99	1	61	0	61	7489.84	580
I May 2009	344	317	1	110	10	120	7513.48	776
S Jun 2009	229	227	1	172	3	175	7519.02	826
T Jul 2009	95	105	2	144	0	144	7514.49	785
O Aug 2009	42	54	1	128	0	128	7505.79	710
R Sep 2009	26	35	1	93	0	93	7498.71	651
WY 2009	1017	1016	9	993	13	1006		
I Oct 2009	33	34	1	81	0	81	7492.82	603
C Nov 2009	27	28	0	28	0	28	7492.84	604
A Dec 2009	21	23	0	47	0	47	7489.73	579
L Jan 2010	22	24	0	43	0	43	7487.22	560
* Feb 2010	22	24	0	38	0	38	7485.33	546
Mar 2010	25	28	0	39	0	39	7483.77	534
Apr 2010	70	70	1	46	0	46	7486.79	557
May 2010	180	170	1	113	0	113	7493.97	613
Jun 2010	235	214	1	58	0	58	7512.44	767
Jul 2010	85	89	2	110	0	110	7509.86	745
Aug 2010	49	60	1	111	0	111	7503.75	693
Sep 2010	32	41	1	82	0	82	7498.68	651
WY 2010	800	805	9	797	0	797		
Oct 2010	36	37	1	58	0	58	7496.08	629
Nov 2010	31	32	0	29	0	29	7496.43	632
Dec 2010	25	27	0	77	0	77	7490.00	581
Jan 2011	24	26	0	92	0	92	7481.30	516
Feb 2011	22	24	0	60	0	60	7476.31	479
Mar 2011	34	36	0	43	0	43	7475.25	472
Apr 2011	73	72	1	50	0	50	7478.31	494
May 2011	212	199	1	74	0	74	7494.61	618
Jun 2011	271	244	1	68	0	68	7515.28	792
Jul 2011	121	120	2	109	0	109	7516.40	802
Aug 2011	62	74	1	122	0	122	7510.81	753
Sep 2011	36	44	1	113	0	113	7502.63	683
WY 2011	946	935	9	894	0	894		
Oct 2011	36	39	1	65	0	65	7499.48	657
Nov 2011	31	32	0	36	0	36	7498.91	652
Dec 2011	25	27	0	97	0	97	7490.00	581
Jan 2012	24	26	0	92	0	92	7481.30	516
Feb 2012	23	25	0	62	0	62	7476.10	478

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 3/2010 Most Prob Water Supply
Morrow Point Reservoir

08-Mar-2010 16:52:29

	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
* Mar 2009	42	49	2	51	0	43	6	49	7147.72	107
H Apr 2009	119	61	14	75	0	69	0	69	7155.78	114
I May 2009	377	120	34	154	0	153	2	155	7154.23	112
S Jun 2009	241	175	12	188	0	184	0	184	7158.19	116
T Jul 2009	97	144	2	146	0	148	0	148	7155.33	113
O Aug 2009	42	128	0	128	0	129	0	129	7154.90	113
R Sep 2009	27	93	1	94	0	100	0	100	7146.95	107
WY 2009	1088	1006	70	1077	1	1074	8	1083		
I Oct 2009	34	81	1	82	0	81	0	81	7148.23	108
C Nov 2009	29	28	2	30	0	27	0	27	7152.38	111
A Dec 2009	22	47	1	48	0	47	0	47	7153.12	112
L Jan 2010	24	43	2	45	0	47	0	47	7150.49	109
* Feb 2010	22	38	1	38	0	41	0	41	7147.10	107
Mar 2010	28	39	3	42	0	37	0	37	7153.73	112
Apr 2010	80	46	10	56	0	56	0	56	7153.73	112
May 2010	200	113	20	133	0	133	0	133	7153.73	112
Jun 2010	250	58	15	73	0	73	0	73	7153.73	112
Jul 2010	90	110	5	115	0	115	0	115	7153.73	112
Aug 2010	52	111	3	114	0	114	0	114	7153.73	112
Sep 2010	34	82	2	84	0	84	0	84	7153.73	112
WY 2010	864	797	64	861	0	855	0	855		
Oct 2010	38	58	3	61	0	61	0	61	7153.73	112
Nov 2010	33	29	2	31	0	31	0	31	7153.73	112
Dec 2010	27	77	2	79	0	79	0	79	7153.73	112
Jan 2011	26	92	2	94	0	94	0	94	7153.73	112
Feb 2011	25	60	3	63	0	63	0	63	7153.73	112
Mar 2011	38	43	4	47	0	47	0	47	7153.73	112
Apr 2011	84	50	11	61	0	61	0	61	7153.73	112
May 2011	237	74	25	99	0	99	0	99	7153.73	112
Jun 2011	292	68	21	89	0	89	0	89	7153.73	112
Jul 2011	127	109	7	115	0	115	0	115	7153.73	112
Aug 2011	65	122	4	126	0	126	0	126	7153.73	112
Sep 2011	39	113	3	116	0	116	0	116	7153.73	112
WY 2011	1032	894	86	980	0	980	0	980		
Oct 2011	38	65	3	68	0	68	0	68	7153.73	112
Nov 2011	33	36	2	38	0	38	0	38	7153.73	112
Dec 2011	27	97	2	100	0	100	0	100	7153.73	112
Jan 2012	26	92	2	94	0	94	0	94	7153.73	112
Feb 2012	26	62	3	65	0	65	0	65	7153.73	112

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 3/2010 Most Prob Water Supply
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
* Mar 2009	47	49	5	55	55	0	55	6751.30	16	10	47
H Apr 2009	130	69	12	81	80	0	80	6752.70	17	36	48
I May 2009	431	155	53	208	120	88	208	6752.57	17	55	160
S Jun 2009	264	184	23	207	116	91	207	6753.30	17	59	160
T Jul 2009	104	148	7	156	128	30	158	6743.22	14	68	101
O Aug 2009	44	129	2	131	130	0	130	6746.30	15	67	72
R Sep 2009	29	100	2	102	102	0	102	6746.55	15	63	46
WY 2009	1209	1083	121	1204	964	238	1202			416	857
I Oct 2009	36	81	3	84	72	10	82	6751.89	17	49	36
C Nov 2009	32	27	3	29	31	0	31	6747.51	15	1	31
A Dec 2009	25	47	3	51	52	0	52	6743.59	14	1	53
L Jan 2010	26	47	3	50	49	0	49	6745.38	15	1	50
* Feb 2010	25	41	3	44	25	17	42	6751.67	17	1	43
Mar 2010	33	37	5	42	41	0	41	6753.04	17	5	36
Apr 2010	90	56	10	66	66	0	66	6753.04	17	30	36
May 2010	225	133	25	158	134	24	158	6753.04	17	55	103
Jun 2010	285	73	35	108	108	0	108	6753.04	17	60	48
Jul 2010	95	115	5	120	120	0	120	6753.04	17	65	55
Aug 2010	58	114	6	120	120	0	120	6753.04	17	65	55
Sep 2010	41	84	7	91	91	0	91	6753.04	17	55	36
WY 2010	971	855	107	962	909	51	960			386	583
Oct 2010	44	61	6	67	67	0	67	6753.04	17	30	37
Nov 2010	38	31	5	36	36	0	36	6753.04	17	0	36
Dec 2010	32	79	5	84	84	0	84	6753.04	17	0	84
Jan 2011	31	94	5	99	99	0	99	6753.04	17	0	99
Feb 2011	29	63	4	67	67	0	67	6753.04	17	0	67
Mar 2011	46	47	7	54	54	0	54	6753.04	17	5	49
Apr 2011	96	61	12	73	73	0	73	6753.04	17	30	43
May 2011	272	99	35	134	134	0	134	6753.04	17	55	79
Jun 2011	330	89	38	127	127	0	127	6753.04	17	60	67
Jul 2011	144	115	17	132	132	0	132	6753.04	17	65	67
Aug 2011	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2011	45	116	6	122	122	0	122	6753.04	17	55	67
WY 2011	1183	980	150	1130	1130	0	1130			365	765
Oct 2011	44	68	6	74	74	0	74	6753.04	17	30	44
Nov 2011	38	38	5	43	43	0	43	6753.04	17	0	43
Dec 2011	32	100	5	104	104	0	104	6753.04	17	0	104
Jan 2012	31	94	5	99	99	0	99	6753.04	17	0	99
Feb 2012	30	65	4	69	69	0	69	6753.04	17	0	69

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 3/2010 Most Prob Water Supply
Vallecito Reservoir

08-Mar-2010 16:52:29

Regulated Inflow	Total Release	Reservoir Elevation	Live Storage
1000 Ac-Ft	1000 Ac-Ft	EOM Feet	1000 Ac-Ft
* Mar 2009	8	4	7647.33
H Apr 2009	22	10	7652.11
I May 2009	98	66	7664.50
S Jun 2009	44	43	7664.64
T Jul 2009	19	39	7656.79
O Aug 2009	8	39	7643.59
R Sep 2009	8	30	7632.32
WY 2009	237	254	
I Oct 2009	8	13	7629.82
C Nov 2009	4	3	7630.41
A Dec 2009	4	3	7630.60
L Jan 2010	4	3	7631.27
* Feb 2010	3	4	7630.95
Mar 2010	4	8	7628.48
Apr 2010	17	9	7632.81
May 2010	65	32	7648.12
Jun 2010	90	48	7664.45
Jul 2010	28	43	7658.56
Aug 2010	17	43	7647.85
Sep 2010	15	35	7638.70
WY 2010	259	243	
Oct 2010	14	21	7635.00
Nov 2010	8	6	7636.17
Dec 2010	6	6	7636.07
Jan 2011	5	5	7636.32
Feb 2011	5	4	7636.51
Mar 2011	8	8	7636.60
Apr 2011	22	13	7640.61
May 2011	69	46	7650.63
Jun 2011	78	59	7657.86
Jul 2011	31	43	7652.83
Aug 2011	19	39	7644.16
Sep 2011	17	29	7638.43
WY 2011	282	280	
Oct 2011	14	19	7635.73
Nov 2011	8	6	7636.87
Dec 2011	6	5	7637.54
Jan 2012	5	5	7637.79
Feb 2012	5	4	7637.98

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 3/2010 Most Prob Water Supply
Navajo Reservoir

Mod	Unreg	Azetea	Reg	Evap	NIIP	Total	Reservoir	Live	Farm
	Inflow	Tunnel	Inflow	Losses	Diversion	Release	Elevation	Storage	Flow
	1000	1000	1000	1000	1000	1000	EOM	1000	1000
	Ac-Ft	Ac-Ft	Ac-Ft	Ac-Ft	ac-Ft	Ac-Ft	Feet	Ac-Ft	Ac-Ft
* Mar 2009	76	6	65	2	5	31	6055.13	1288	61
H Apr 2009	125	19	97	2	19	30	6058.76	1337	69
I May 2009	361	52	275	4	29	59	6072.47	1515	251
S Jun 2009	146	24	120	5	36	115	6069.92	1479	184
T Jul 2009	29	4	43	5	43	53	6065.70	1422	77
O Aug 2009	-11	0	20	4	42	49	6059.96	1347	64
R Sep 2009	5	0	28	3	22	37	6057.30	1314	52
WY 2009	849	106	760	28	209	528			1002
I Oct 2009	15	0	21	2	13	37	6054.76	1283	51
C Nov 2009	14	0	13	1	0	29	6053.34	1265	49
A Dec 2009	11	0	11	1	0	31	6051.61	1245	48
L Jan 2010	14	0	13	1	0	31	6050.04	1226	52
* Feb 2010	16	0	16	1	0	27	6049.04	1214	43
Mar 2010	50	0	54	1	4	31	6050.55	1232	31
Apr 2010	140	15	117	2	16	30	6056.27	1301	30
May 2010	290	46	211	4	28	35	6067.49	1446	35
Jun 2010	285	38	205	4	43	133	6069.32	1471	133
Jul 2010	50	5	60	5	45	34	6067.57	1447	34
Aug 2010	32	5	53	4	38	38	6065.51	1420	38
Sep 2010	35	2	53	3	21	51	6063.85	1398	51
WY 2010	953	110	827	28	210	506			593
Oct 2010	40	2	46	2	8	31	6064.31	1404	31
Nov 2010	33	0	30	1	0	30	6064.28	1403	30
Dec 2010	24	0	24	1	0	31	6063.70	1396	31
Jan 2011	22	0	21	1	0	31	6062.92	1385	31
Feb 2011	30	0	30	1	0	28	6062.99	1386	28
Mar 2011	88	2	86	2	4	31	6066.73	1436	31
Apr 2011	174	16	149	3	17	34	6073.65	1532	34
May 2011	279	33	222	4	29	200	6072.89	1521	200
Jun 2011	246	29	199	5	44	212	6068.43	1459	212
Jul 2011	74	7	79	5	47	31	6068.20	1456	31
Aug 2011	43	3	61	4	40	31	6067.19	1442	31
Sep 2011	42	1	53	3	22	30	6067.07	1440	30
WY 2011	1096	93	1000	29	210	718			718
Oct 2011	40	1	44	2	8	31	6067.38	1445	31
Nov 2011	33	0	30	1	0	30	6067.34	1444	30
Dec 2011	24	0	22	1	0	31	6066.67	1435	31
Jan 2012	22	0	21	1	0	31	6065.90	1425	31
Feb 2012	31	0	31	1	0	29	6065.98	1426	29

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 3/2010 Most Prob Water Supply
Lake Powell

08-Mar-2010 16:52:29

	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 Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
* Mar 2009	470	445	16	626	0	626	3610.43	17268	12774	632
H Apr 2009	788	669	25	604	0	604	3611.26	17224	12858	611
I May 2009	2921	2446	31	582	0	582	3629.09	17163	14751	586
S Jun 2009	2701	2217	54	664	0	664	3640.49	17353	16061	670
T Jul 2009	1394	1219	67	803	0	803	3641.14	17625	16138	828
O Aug 2009	323	536	66	802	0	802	3637.50	17721	15710	829
R Sep 2009	261	466	59	598	0	598	3635.37	17777	15463	613
WY 2009	10623	10107	437	8236	0	8236				8396
I Oct 2009	342	508	41	620	0	620	3633.52	17836	15251	634
C Nov 2009	418	492	39	692	0	692	3631.10	17872	14976	702
A Dec 2009	309	437	30	901	0	901	3626.22	17920	14434	925
L Jan 2010	303	425	9	900	0	900	3622.14	17878	13991	925
* Feb 2010	294	384	10	631	0	631	3620.16	17833	13780	644
Mar 2010	450	451	17	600	0	600	3618.71	17821	13627	600
Apr 2010	750	608	26	600	0	600	3618.55	17819	13610	600
May 2010	1650	1397	32	600	0	600	3625.17	17876	14319	600
Jun 2010	2200	1870	52	600	0	600	3635.23	17966	15447	600
Jul 2010	800	827	64	808	0	808	3634.87	17963	15405	808
Aug 2010	415	531	63	802	0	802	3632.16	17938	15096	802
Sep 2010	398	501	58	476	0	476	3631.88	17936	15065	476
WY 2010	8329	8430	439	8230	0	8230				8316
Oct 2010	514	544	40	492	0	492	3631.99	17937	15077	492
Nov 2010	523	533	38	800	0	800	3629.48	17914	14794	800
Dec 2010	414	505	30	950	0	950	3625.49	17879	14354	950
Jan 2011	384	487	9	950	0	950	3621.45	17844	13917	950
Feb 2011	394	446	10	900	0	900	3617.38	17810	13488	900
Mar 2011	628	549	16	900	0	900	3614.11	17782	13148	900
Apr 2011	950	743	25	1042	0	1042	3611.17	17758	12848	1042
May 2011	2161	1869	30	1100	0	1100	3617.81	17813	13533	1100
Jun 2011	2811	2429	49	1140	0	1140	3628.45	17905	14680	1140
Jul 2011	1346	1239	61	1225	0	1225	3628.06	17902	14637	1225
Aug 2011	566	674	60	1161	0	1161	3623.43	17861	14130	1161
Sep 2011	460	599	54	595	0	595	3623.00	17857	14083	595
WY 2011	11151	10617	422	11255	0	11255				11255
Oct 2011	514	597	38	615	0	615	3622.52	17853	14032	615
Nov 2011	523	585	36	600	0	600	3622.08	17849	13985	600
Dec 2011	414	571	29	800	0	800	3619.84	17830	13746	800
Jan 2012	384	533	9	800	0	800	3617.42	17810	13491	800
Feb 2012	408	505	10	600	0	600	3616.49	17802	13395	600

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 3/2010 Most Prob Water Supply
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
* Mar 2009	626	62	34	1037	16.9	17	1036	791	1107.40	12164
H Apr 2009	604	36	42	1174	19.7	20	1169	754	1101.26	11604
I May 2009	582	63	47	977	15.9	33	968	729	1096.92	11217
S Jun 2009	664	11	56	750	12.6	25	748	720	1095.26	11071
T Jul 2009	803	38	70	840	13.7	30	838	714	1094.20	10978
O Aug 2009	802	59	74	801	13.0	30	792	711	1093.73	10938
R Sep 2009	598	55	61	575	9.7	22	570	711	1093.68	10933
WY 2009	8236	651	585	9210		242	9119			
I Oct 2009	620	23	44	613	10.0	25	608	708	1093.26	10897
C Nov 2009	692	39	44	648	10.9	15	647	710	1093.52	10919
A Dec 2009	901	51	39	646	10.5	9	629	726	1096.30	11162
L Jan 2010	900	124	32	634	10.3	6	578	747	1100.02	11493
* Feb 2010	631	112	30	400	7.2	6	399	766	1103.21	11780
Mar 2010	600	101	33	921	15.0	33	921	748	1100.23	11511
Apr 2010	600	71	41	1097	18.4	28	1097	718	1094.99	11047
May 2010	600	73	46	1031	16.8	36	1031	691	1090.21	10634
Jun 2010	600	28	54	899	15.1	34	899	669	1086.25	10296
Jul 2010	808	61	67	913	14.8	36	913	660	1084.61	10159
Aug 2010	802	106	71	826	13.4	37	826	659	1084.31	10133
Sep 2010	476	71	58	717	12.1	33	717	643	1081.36	9888
WY 2010	8230	860	560	9345		297	9265			
Oct 2010	492	55	42	498	8.1	43	498	640	1080.94	9853
Nov 2010	800	54	42	777	13.1	33	777	641	1080.95	9854
Dec 2010	950	57	37	650	10.6	27	650	658	1084.27	10130
Jan 2011	950	135	30	682	11.1	20	682	680	1088.19	10461
Feb 2011	900	135	28	667	12.0	21	667	699	1091.68	10760
Mar 2011	900	101	32	1003	16.3	28	1003	696	1091.00	10701
Apr 2011	1042	71	40	1139	19.1	22	1139	690	1090.04	10619
May 2011	1100	73	46	985	16.0	32	985	697	1091.27	10724
Jun 2011	1140	28	55	841	14.1	29	841	712	1093.89	10951
Jul 2011	1225	61	70	888	14.4	31	888	730	1097.07	11230
Aug 2011	1161	106	76	811	13.2	32	811	751	1100.73	11556
Sep 2011	595	71	63	681	11.4	27	681	745	1099.63	11458
WY 2011	11255	946	561	9622		347	9622			
Oct 2011	615	55	46	465	7.6	39	465	752	1100.89	11571
Nov 2011	600	54	46	574	9.7	28	574	752	1100.94	11576
Dec 2011	800	57	40	557	9.1	22	557	767	1103.42	11799
Jan 2012	800	135	33	683	11.1	20	683	779	1105.47	11986
Feb 2012	600	138	30	668	11.6	21	668	780	1105.66	12004

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 3/2010 Most Prob Water Supply 08-Mar-2010 16:52:29
 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 1000 Ac-Ft
* Mar 2009	1037	-14	1035	0	1035	16.8	641.38	1655
H Apr 2009	1174	-14	1097	0	1097	18.4	643.11	1702
I May 2009	977	-5	916	0	916	14.9	644.36	1736
S Jun 2009	750	-3	788	0	788	13.2	641.92	1669
T Jul 2009	840	5	835	0	835	13.6	641.37	1654
O Aug 2009	801	-8	756	0	756	12.3	641.90	1669
R Sep 2009	575	2	726	0	726	12.2	635.60	1501
WY 2009	9210	-123	9008	0	9008			
I Oct 2009	613	-8	623	0	623	10.1	634.34	1469
C Nov 2009	648	-15	590	0	590	9.9	635.61	1502
A Dec 2009	646	-24	532	0	532	8.7	638.68	1582
L Jan 2010	634	-15	456	0	456	7.4	644.34	1736
* Feb 2010	400	-4	442	0	442	8.0	642.31	1680
Mar 2010	921	-14	903	0	903	14.7	642.00	1671
Apr 2010	1097	-15	1038	0	1038	17.5	643.00	1699
May 2010	1031	-10	999	0	999	16.3	643.00	1699
Jun 2010	899	-2	898	0	898	15.1	642.00	1671
Jul 2010	913	3	904	0	904	14.7	641.50	1658
Aug 2010	826	-3	800	0	800	13.0	641.50	1658
Sep 2010	717	1	794	0	794	13.3	638.00	1564
WY 2010	9345	-106	8980	0	8980			
Oct 2010	498	5	682	0	682	11.1	630.49	1371
Nov 2010	777	-9	643	0	643	10.8	635.00	1486
Dec 2010	650	-12	531	0	531	8.6	638.71	1583
Jan 2011	682	-13	576	0	576	9.4	641.80	1666
Feb 2011	667	-5	653	0	653	11.8	641.80	1666
Mar 2011	1003	-14	942	0	942	15.3	643.05	1700
Apr 2011	1139	-15	1108	0	1108	18.6	643.00	1699
May 2011	985	-10	953	0	953	15.5	643.00	1699
Jun 2011	841	-2	840	0	840	14.1	642.00	1671
Jul 2011	888	3	880	0	880	14.3	641.50	1658
Aug 2011	811	-3	785	0	785	12.8	641.50	1658
Sep 2011	681	1	757	0	757	12.7	638.00	1564
WY 2011	9622	-73	9352	0	9352			
Oct 2011	465	5	585	0	585	9.5	633.00	1434
Nov 2011	574	-9	504	0	504	8.5	635.00	1486
Dec 2011	557	-12	438	0	438	7.1	638.71	1583
Jan 2012	683	-13	577	0	577	9.4	641.80	1666
Feb 2012	668	-5	653	0	653	11.4	641.80	1666

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 3/2010 Most Prob Water Supply
Parker Dam - Lake Havasu

08-Mar-2010 16:52:29

	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
* Mar 2009	1035	11	736	12.0	99	180	446.75	557	208	3.4
H Apr 2009	1097	15	784	13.2	97	172	448.75	595	205	3.4
I May 2009	916	20	647	10.5	101	165	448.71	594	122	2.0
S Jun 2009	788	20	595	10.0	98	94	448.49	590	113	1.9
T Jul 2009	835	17	655	10.6	100	75	448.11	582	120	2.0
O Aug 2009	756	24	582	9.5	100	70	448.19	584	101	1.6
R Sep 2009	726	21	505	8.5	96	143	447.16	564	93	1.6
WY 2009	9008	180	6347		1070	1602			1584	
I Oct 2009	623	17	446	7.2	26	133	448.03	581	77	1.2
C Nov 2009	590	32	365	6.1	107	144	447.61	573	103	1.7
A Dec 2009	532	28	301	4.9	104	149	447.34	568	135	2.2
L Jan 2010	456	41	233	3.8	99	126	448.89	597	174	2.8
* Feb 2010	442	10	331	6.0	66	91	446.29	548	141	2.5
Mar 2010	903	45	663	10.8	71	182	447.00	561	215	3.5
Apr 2010	1038	15	787	13.2	38	175	448.70	593	204	3.4
May 2010	999	11	697	11.3	109	180	448.70	593	113	1.8
Jun 2010	898	7	665	11.2	105	105	448.70	593	112	1.9
Jul 2010	904	14	722	11.7	109	69	448.00	580	118	1.9
Aug 2010	800	20	619	10.1	109	73	447.50	571	92	1.5
Sep 2010	794	13	536	9.0	105	155	446.81	557	89	1.5
WY 2010	8980	252	6365		1049	1582			1574	
Oct 2010	682	20	445	7.2	110	137	446.31	548	72	1.2
Nov 2010	643	22	379	6.4	105	164	446.50	552	105	1.8
Dec 2010	531	20	289	4.7	109	143	446.50	552	118	1.9
Jan 2011	576	34	350	5.7	85	165	446.50	552	122	2.0
Feb 2011	653	40	446	8.0	77	156	446.50	552	153	2.8
Mar 2011	942	45	707	11.5	85	173	446.70	555	208	3.4
Apr 2011	1108	15	816	13.7	83	166	448.70	593	200	3.4
May 2011	953	11	695	11.3	86	158	448.70	593	111	1.8
Jun 2011	840	7	644	10.8	83	90	448.70	593	112	1.9
Jul 2011	880	14	718	11.7	85	72	448.00	580	118	1.9
Aug 2011	785	20	631	10.3	85	68	447.50	571	92	1.5
Sep 2011	757	13	551	9.3	62	147	446.81	557	89	1.5
WY 2011	9352	260	6668		1057	1639			1500	
Oct 2011	585	20	458	7.4	24	113	446.31	548	72	1.2
Nov 2011	504	22	373	6.3	24	111	446.50	552	105	1.8
Dec 2011	438	20	298	4.9	24	125	446.50	552	118	1.9
Jan 2012	577	34	349	5.7	86	165	446.50	552	122	2.0
Feb 2012	653	41	446	7.8	78	156	446.50	552	153	2.7

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 3/2010 Most Prob Water Supply 08-Mar-2010 16:52:29
 Hoover Dam - Lake Mead

	Power Release	Power Release	EOM Reservoir Elevation	EOM Storage Ac-Ft	Change_In Storage Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF	
*	Mar 2009	1037	16.9	1107.40	12164	-376	0.00	950.0	415.9	55	401.2
H	Apr 2009	1174	19.7	1101.26	11604	-560	0.00	1284.0	474.0	76	403.7
I	May 2009	977	15.9	1096.92	11217	-387	0.00	1411.0	381.7	85	390.6
S	Jun 2009	750	12.6	1095.26	11071	-146	0.00	1641.0	287.2	100	383.1
T	Jul 2009	840	13.7	1094.20	10978	-93	0.00	1640.0	324.9	100	386.9
O	Aug 2009	801	13.0	1093.73	10938	-41	0.00	1648.0	307.5	100	383.8
R	Sep 2009	574	9.7	1093.68	10933	-4	0.00	1656.0	215.3	100	374.9
WY	2009	9210						3592.3			
I	Oct 2009	613	10.0	1093.26	10897	-37	0.00	1158.0	235.5	70	384.4
C	Nov 2009	648	10.9	1093.52	10919	23	0.00	1358.0	251.9	82	388.7
A	Dec 2009	646	10.5	1096.30	11162	243	0.00	1037.0	248.8	63	385.3
L	Jan 2010	634	10.3	1100.02	11493	330	0.00	1050.0	248.9	63	392.4
*	Feb 2010	400	7.2	1103.21	11780	288	0.00	1044.0	152.7	63	381.5
	Mar 2010	921	15.0	1100.23	11511	-269	451.30	1272.0	377.5	75	409.9
	Apr 2010	1097	18.4	1094.99	11047	-464	446.35	1337.0	449.5	81	409.6
	May 2010	1031	16.8	1090.21	10634	-413	439.67	1522.0	406.8	94	394.6
	Jun 2010	899	15.1	1086.25	10296	-338	435.01	1597.0	351.2	100	390.8
	Jul 2010	913	14.8	1084.61	10159	-138	432.72	1587.0	354.1	100	387.9
	Aug 2010	826	13.4	1084.31	10133	-25	431.92	1585.0	323.2	100	391.2
	Sep 2010	717	12.1	1081.36	9888	-245	431.44	1569.0	276.8	100	385.9
	WY 2010	9345						3676.9			
	Oct 2010	498	8.1	1080.94	9853	-35	433.89	1277.0	193.7	81	388.8
	Nov 2010	777	13.1	1080.95	9854	1	436.22	1271.0	308.1	81	396.6
	Dec 2010	650	10.6	1084.27	10130	275	434.50	1394.0	249.2	87	383.3
	Jan 2011	682	11.1	1088.19	10461	331	436.59	1307.0	265.3	80	388.8
	Feb 2011	667	12.0	1091.68	10760	299	438.50	1443.0	262.5	87	393.3
	Mar 2011	1003	16.3	1091.00	10701	-59	439.41	1456.0	395.3	88	394.1
	Apr 2011	1139	19.1	1090.04	10619	-82	437.60	1546.0	455.5	94	400.0
	May 2011	985	16.0	1091.27	10724	105	437.09	1653.0	382.3	100	388.2
	Jun 2011	841	14.1	1093.89	10951	228	439.32	1667.0	336.1	100	399.8
	Jul 2011	888	14.4	1097.07	11230	278	442.69	1688.0	358.5	100	403.6
	Aug 2011	811	13.2	1100.73	11556	327	446.24	1688.0	326.3	100	402.5
	Sep 2011	681	11.4	1099.63	11458	-99	448.65	1688.0	270.4	100	397.2
	WY 2011	9622						3803.2			
	Oct 2011	465	7.6	1100.89	11571	113	452.88	1373.0	185.6	81	399.4
	Nov 2011	574	9.7	1100.94	11576	5	455.25	1361.3	230.9	81	402.0
	Dec 2011	557	9.1	1103.42	11799	224	453.94	1469.8	220.7	87	396.3
	Jan 2012	683	11.1	1105.47	11986	187	454.70	1356.0	275.5	80	403.3
	Feb 2012	668	11.6	1105.66	12004	17	454.03	1476.2	269.8	87	404.0

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 3/2010 Most Prob Water Supply
Davis Dam - Lake Mohave

08-Mar-2010 16:52:29

	Power Release	Power Release	EOM Reservoir Elevation	EOM Storage Ac-Ft	Change_In Storage Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	1000	1000		1000	1000					
	Ac-Ft	CFS	Feet	Ac-Ft	Ac-Ft					
* Mar 2009	1035	16.8	641.38	1655	-25	0.00	255.0	121.2	100	117.1
H Apr 2009	1097	18.4	643.11	1702	47	0.00	255.0	135.7	100	123.7
I May 2009	916	14.9	644.36	1736	34	0.00	255.0	115.6	100	126.3
S Jun 2009	788	13.2	641.92	1669	-67	0.00	255.0	99.5	100	126.2
T Jul 2009	835	13.6	641.37	1654	-15	0.00	255.0	101.8	100	121.9
O Aug 2009	756	12.3	641.90	1669	14	0.00	255.0	94.4	100	124.8
R Sep 2009	726	12.2	635.60	1501	-167	0.00	255.0	89.2	100	122.8
WY 2009	9008							1106.2		
I Oct 2009	623	10.1	634.34	1469	-33	0.00	216.8	74.2	85	119.1
C Nov 2009	590	9.9	635.61	1502	33	0.00	186.2	70.9	73	120.3
A Dec 2009	532	8.7	638.68	1582	81	0.00	188.7	65.9	74	123.8
L Jan 2010	456	7.4	644.34	1736	153	0.00	204.0	57.9	80	127.1
* Feb 2010	442	8.0	642.31	1680	-56	0.00	216.8	56.9	85	128.6
Mar 2010	903	14.7	642.00	1671	-8	135.29	249.9	112.5	98	124.6
Apr 2010	1038	17.5	643.00	1699	27	135.51	255.0	128.9	100	124.1
May 2010	999	16.3	643.00	1699	0	136.04	255.0	124.8	100	124.9
Jun 2010	898	15.1	642.00	1671	-27	135.51	255.0	112.1	100	124.8
Jul 2010	904	14.7	641.50	1658	-14	134.73	255.0	112.3	100	124.2
Aug 2010	800	13.0	641.50	1658	0	134.46	255.0	99.7	100	124.6
Sep 2010	794	13.3	638.00	1564	-94	132.63	255.0	97.6	100	122.9
WY 2010	8980							1113.7		
Oct 2010	682	11.1	630.49	1371	-193	127.33	237.2	81.0	93	118.7
Nov 2010	643	10.8	635.00	1486	115	125.82	234.6	75.5	92	117.5
Dec 2010	531	8.6	638.71	1583	97	130.00	239.7	64.8	94	122.0
Jan 2011	576	9.4	641.80	1666	83	134.16	219.3	71.9	86	124.7
Feb 2011	653	11.8	641.80	1666	0	135.05	244.8	81.8	96	125.3
Mar 2011	942	15.3	643.05	1700	34	135.44	255.0	117.4	100	124.7
Apr 2011	1108	18.6	643.00	1699	-2	136.07	255.0	137.7	100	124.2
May 2011	953	15.5	643.00	1699	0	136.04	255.0	119.2	100	125.1
Jun 2011	840	14.1	642.00	1671	-27	135.51	255.0	105.1	100	125.1
Jul 2011	880	14.3	641.50	1658	-14	134.73	255.0	109.4	100	124.4
Aug 2011	785	12.8	641.50	1658	0	134.46	255.0	97.8	100	124.7
Sep 2011	757	12.7	638.00	1564	-94	132.63	255.0	93.2	100	123.1
WY 2011	9352							1155.0		
Oct 2011	585	9.5	633.00	1434	-130	128.65	237.2	70.5	93	120.4
Nov 2011	504	8.5	635.00	1486	51	127.14	234.6	60.2	92	119.5
Dec 2011	438	7.1	638.71	1583	97	130.00	239.7	53.7	94	122.6
Jan 2012	577	9.4	641.80	1666	83	134.16	219.3	72.0	86	124.7
Feb 2012	653	11.4	641.80	1666	0	135.05	244.8	81.9	96	125.4

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 3/2010 Most Prob Water Supply 08-Mar-2010 16:52:29
 Parker Dam - Lake Havasu

	Power Release	Power Release	EOM Reservoir	EOM Storage	Change_In Storage	Parker Static Head	Parker Generator Capacity	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
	1000 Ac-Ft	1000 CFS	Elevation Feet	1000 Ac-Ft	1000 Ac-Ft	Feet	MW	MKWH		
* Mar 2009	736	12.0	446.75	556	12	0.00	87.6	49.2	73	66.8
H Apr 2009	784	13.2	448.75	595	38	0.00	111.6	53.8	93	68.6
I May 2009	647	10.5	448.71	594	-1	0.00	120.0	44.9	100	69.4
S Jun 2009	595	10.0	448.49	590	-4	0.00	120.0	41.3	100	69.5
T Jul 2009	655	10.6	448.11	582	-7	0.00	120.0	43.4	100	66.3
O Aug 2009	582	9.5	448.19	584	2	0.00	118.8	39.9	99	68.6
R Sep 2009	505	8.5	447.16	564	-19	0.00	87.6	35.0	73	69.2
WY 2009	6347							433.2		
I Oct 2009	446	7.2	448.03	581	16	0.00	90.0	30.5	75	68.5
C Nov 2009	365	6.1	447.61	573	-8	0.00	66.0	25.9	55	71.0
A Dec 2009	301	4.9	447.34	568	-5	0.00	76.8	20.2	64	67.1
L Jan 2010	233	3.8	448.89	597	29	0.00	66.0	15.6	55	66.8
* Feb 2010	331	6.0	446.29	548	-49	0.00	90.0	22.8	75	68.8
Mar 2010	663	10.8	447.00	561	13	75.46	90.0	43.9	75	66.2
Apr 2010	787	13.2	448.70	593	32	76.63	90.0	53.2	75	67.6
May 2010	697	11.3	448.70	593	0	76.05	120.0	46.3	100	66.5
Jun 2010	665	11.2	448.70	593	0	76.05	120.0	44.2	100	66.4
Jul 2010	722	11.7	448.00	580	-13	75.71	120.0	47.9	100	66.3
Aug 2010	619	10.1	447.50	571	-10	75.13	120.0	40.5	100	65.5
Sep 2010	536	9.0	446.81	557	-13	74.55	120.0	34.8	100	64.9
WY 2010	6365							425.8		
Oct 2010	445	7.2	446.31	548	-9	73.97	120.0	28.5	100	63.9
Nov 2010	379	6.4	446.50	552	3	75.04	93.6	24.4	78	64.4
Dec 2010	289	4.7	446.50	552	0	74.66	103.2	18.2	86	62.9
Jan 2011	350	5.7	446.50	552	0	75.01	96.0	22.4	80	64.0
Feb 2011	446	8.0	446.50	552	0	74.71	102.0	28.9	85	64.8
Mar 2011	707	11.5	446.70	555	4	74.01	120.0	45.9	100	64.9
Apr 2011	816	13.7	448.70	593	38	75.08	120.0	53.9	100	66.1
May 2011	695	11.3	448.70	593	0	76.05	120.0	46.2	100	66.5
Jun 2011	644	10.8	448.70	593	0	76.05	120.0	42.7	100	66.4
Jul 2011	718	11.7	448.00	580	-13	75.71	120.0	47.6	100	66.3
Aug 2011	631	10.3	447.50	571	-10	75.13	120.0	41.4	100	65.6
Sep 2011	551	9.3	446.81	557	-13	74.55	120.0	35.7	100	64.9
WY 2011	6668							435.6		
Oct 2011	458	7.4	446.31	548	-9	73.97	120.0	29.3	100	64.0
Nov 2011	373	6.3	446.50	552	3	75.04	93.6	24.0	78	64.4
Dec 2011	298	4.9	446.50	552	0	74.66	103.2	18.8	86	63.1
Jan 2012	349	5.7	446.50	552	0	75.01	96.0	22.3	80	64.0
Feb 2012	446	7.8	446.50	552	0	74.71	102.0	28.9	85	64.7

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 Y M R E S E R V O I R S

Bureau of Reclamation - CRFS 3/2010 Most Prob Water Supply 08-Mar-2010 16:52:29
 Upper Basin Power

	Glen Canyon	Flam Gorge	Blue Mesa	Morrow Point	Crystal Res	Font Res
	1000 MWHR	1000 MWHR	1000 MWHR	1000 MWHR	1000 MWHR	1000 MWHR
* Mar 2009	271	20	14	15	10	3
Winter 2009	1840	156	81	101	50	21
H Apr 2009	260	19	17	24	16	3
I May 2009	256	57	33	55	23	4
S Jun 2009	301	38	54	66	22	8
T Jul 2009	371	47	45	53	22	8
O Aug 2009	368	50	39	46	23	9
R Sep 2009	275	48	28	35	20	6
Summer 2009	1832	259	216	278	125	38
I Oct 2009	285	44	24	28	14	4
C Nov 2009	309	42	8	9	4	0
A Dec 2009	403	42	13	17	9	0
L Jan 2010	401	43	12	16	8	3
* Feb 2010	279	34	11	14	4	3
Mar 2010	247	22	11	13	7	4
Winter 2010	1923	226	79	97	47	14
Apr 2010	247	17	13	20	11	3
May 2010	248	44	33	48	23	4
Jun 2010	252	45	18	26	19	5
Jul 2010	342	25	34	41	21	5
Aug 2010	338	25	34	41	21	5
Sep 2010	201	24	25	30	16	4
Summer 2010	1628	179	158	207	110	26
Oct 2010	207	25	17	22	12	5
Nov 2010	336	24	9	11	6	5
Dec 2010	397	25	23	29	15	5
Jan 2011	394	25	27	34	17	5
Feb 2011	370	22	17	23	12	4
Mar 2011	368	25	12	17	9	4
Winter 2011	2071	144	105	135	70	28
Apr 2011	423	24	14	22	13	5
May 2011	448	46	22	36	23	7
Jun 2011	472	67	21	32	22	9
Jul 2011	512	42	34	42	23	10
Aug 2011	482	42	38	45	23	10
Sep 2011	246	41	35	42	21	3
Summer 2011	2584	261	164	218	125	44
Oct 2011	254	42	20	24	13	6
Nov 2011	248	40	11	14	7	6
Dec 2011	329	42	29	36	18	6
Jan 2012	328	42	27	34	17	5
Feb 2012	245	39	18	23	12	5

model_run_id = 2051

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	F L O O D C O N T R O L C R I T E R I A												B O M				M E A D		M E A D		S Y S
		FLAMING GORGE KAF	BLUE MESA KAF	LAKE POWELL KAF	UPPER BASIN TOTAL	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD	SCHED REL	FC REL	MEAD REL KAF	MEAD REL KAF			
* * * * P R E D I C T E D S P A C E * * * *																						
MAR	2010	788	284	482	10540	12093	15597	27690	149	229	386	764	10540	15597	26900	1500	921	0	32.6			
APR	2010	799	296	464	10693	12252	15866	28118	157	243	362	762	10693	15866	27321	1500	1097	0	32.3			
MAY	2010	767	273	395	10710	12144	16330	28475	118	219	275	612	10710	16330	27652	1500	1031	0	32.8			
JUN	2010	769	217	250	10001	11237	16743	27980	113	152	98	363	10001	16743	27108	1500	899	0	33.9			
JUL	2010	699	62	225	8873	9859	17081	26940	32	-25	26	33	8873	17081	25987	1500	913	0	33.6			
* * * * C R E D I T A B L E S P A C E * * * *																						
AUG	2010	682	85	249	8915	9930	17218	27149	682	85	249	1016	8915	17218	27149	1500	826	0	33.2			
SEP	2010	699	137	276	9224	10337	17244	27581	699	137	276	1113	9224	17244	27581	2270	717	0	32.7			
OCT	2010	725	179	298	9255	10458	17489	27947	725	179	298	1203	9255	17489	27947	3040	498	0	32.4			
NOV	2010	742	200	292	9243	10478	17524	28002	742	200	292	1234	9243	17524	28002	3810	777	0	32.2			
DEC	2010	761	197	293	9526	10777	17523	28299	761	197	293	1251	9526	17523	28299	4580	650	0	32.1			
JAN	2011	795	248	300	9966	11309	17247	28557	795	248	300	1343	9966	17247	28557	5350	682	0	32.0			
* * * * E F F E C T I V E S P A C E * * * *																						
JAN	2011	795	248	300	9966	11309	17247	28557	531	248	220	999	9966	17247	28212	5350	682	0	32.0			
FEB	2011	824	314	311	10403	11851	16916	28768	558	314	229	1101	10403	16916	28420	1500	667	0	31.8			
MAR	2011	843	350	310	10832	12335	16617	28952	573	350	227	1151	10832	16617	28600	1500	1003	0	31.5			
APR	2011	812	357	260	11172	12602	16676	29278	538	357	172	1067	11172	16676	28915	1500	1139	0	31.3			
MAY	2011	744	336	164	11472	12715	16758	29473	461	336	56	853	11472	16758	29083	1500	985	0	32.4			
JUN	2011	617	212	175	10787	11791	16653	28445	323	212	34	570	10787	16653	28010	1500	841	0	34.1			
JUL	2011	416	37	237	9640	10330	16426	26755	106	12	48	166	9640	16426	26231	1500	888	0	34.4			
* * * * C R E D I T A B L E S P A C E * * * *																						
AUG	2011	328	27	240	9683	10279	16147	26426	328	27	240	596	9683	16147	26426	1500	811	0	34.1			
SEP	2011	361	77	254	10190	10881	15821	26702	361	77	254	691	10190	15821	26702	2270	681	0	33.7			
OCT	2011	424	146	256	10237	11063	15919	26982	424	146	256	826	10237	15919	26982	3040	465	0	33.5			
NOV	2011	486	172	251	10288	11197	15806	27004	486	172	251	910	10288	15806	27004	3810	574	0	33.4			
DEC	2011	548	177	252	10335	11312	15801	27113	548	177	252	977	10335	15801	27113	4580	557	0	33.4			
JAN	2012	626	248	261	10574	11709	15578	27287	626	248	261	1136	10574	15578	27287	5350	683	0	33.2			
* * * * E F F E C T I V E S P A C E * * * *																						
JAN	2012	626	248	261	10574	11709	15578	27287	289	248	162	700	10574	15578	26851	5350	683	0	33.2			
FEB	2012	700	314	271	10829	12114	15391	27505	362	314	172	848	10829	15391	27067	1500	668	0	33.1			