

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
River Operations Group
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This operation study reflects the 2002 Annual Operating Plan (AOP) as signed by the Secretary of Interior. This study shows that the surplus condition is the criterion governing the operation of Lake Mead for calendar year 2002 in accordance with Article III(3)(b) of the operating criteria and article II(B)(2) of the decree in Arizona v. California. A copy of the 2002 AOP, as submitted to the Secretary for approval, can be obtained by contacting Lorraine Siano, (702)293-8539.

As of 6/11/2002, due to the current elevation of Lake Mead, Hoover's generating plant effective capacity has been changed to 1937 MW. Unit capacity tests will be performed as lake elevation decreases in 2' increments. This study reflects this change in the projections.

Releases out of Hoover will be made to meet downstream requirements.

Calendar year 2002 operation reflects schedules by the Metropolitan Water District of Southern California of 1.279 MAF, Central Arizona Project of 1.596 MAF, and total lower basin states of 8.31 MAF. Calendar year 2003 reflects a full domestic surplus schedule as defined by the Record of Decision, Colorado River Interim Surplus Guidelines Final Environmental Impact Statement.

Current runoff projections into Lake Powell are provided by the Colorado River Forecasting Service through the National Weather Service's Colorado Basin River Forecast Center are as follows: observed unregulated inflow into Lake Powell for the month of June was 0.363 million acrefeet or 12% of the 30 year average. The forecast for the month of July unregulated inflow into Lake Powell is 0.195 million acrefeet or 13% of the 30 year average. The forecasted April through July unregulated inflow for water year 2002 is 1.25 million acrefeet or 16% of average. Projected water year 2002 unregulated inflow into Lake Powell is 3.193 million acrefeet or 30% of average.

Hoover, Davis, and Parker historical gross energy figures come from form PO&M from the Power and O&M Group, Boulder Canyon Operations, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical numbers can be directed to Joe Donnelly, (702)293-8607.

(Note: lower basin previous months historical SNWS and flow to Mexico values are preliminary estimates.)

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 7/2002 Most Prob Water Supply
Fontenelle Reservoir UT

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	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
* Jul 2001	50	2	42	1	43	6484.39	192
H Aug 2001	27	2	14	23	37	6482.52	181
I Sep 2001	20	1	35	0	35	6479.56	165
WY 2001	523	12	530	43	573		
S Oct 2001	21	1	32	0	32	6477.25	153
T Nov 2001	27	1	18	8	26	6477.38	153
O Dec 2001	23	0	28	0	28	6476.28	148
R Jan 2002	22	0	28	0	28	6475.04	142
I Feb 2002	19	0	25	0	25	6473.61	135
C Mar 2002	30	0	28	0	28	6473.81	136
A Apr 2002	55	1	27	0	27	6479.27	163
L May 2002	46	1	72	0	72	6473.62	135
* Jun 2002	160	2	48	1	49	6492.44	244
Jul 2002	95	3	37	0	37	6500.14	300
Aug 2002	40	2	37	0	37	6500.25	301
Sep 2002	30	2	55	0	55	6496.62	274
WY 2002	568	13	435	9	444		
Oct 2002	31	1	57	0	57	6492.79	247
Nov 2002	28	1	51	4	55	6488.60	219
Dec 2002	23	1	57	0	57	6483.12	185
Jan 2003	24	1	57	0	57	6476.94	151
Feb 2003	23	0	51	0	51	6470.80	123
Mar 2003	44	0	72	0	72	6463.69	94
Apr 2003	84	1	80	0	80	6464.63	98
May 2003	187	1	96	44	140	6475.41	144
Jun 2003	356	2	101	104	205	6499.10	292
Jul 2003	212	3	101	59	160	6505.53	342
Aug 2003	91	2	99	1	100	6504.16	331
Sep 2003	53	2	24	49	73	6501.40	310
WY 2003	1156	15	846	261	1107		
Oct 2003	51	1	75	0	75	6498.11	285
Nov 2003	42	1	52	21	73	6493.66	253
Dec 2003	33	1	75	0	75	6487.24	210
Jan 2004	31	1	75	0	75	6479.74	165
Feb 2004	30	0	68	0	68	6471.72	127
Mar 2004	52	0	83	0	83	6463.88	95
Apr 2004	93	1	89	0	89	6464.77	98
May 2004	196	1	96	54	150	6475.33	143
Jun 2004	356	2	101	109	210	6498.38	287

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 7/2002 Most Prob Water Supply
Flaming Gorge Reservoir

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	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
* Jul 2001	59	51	12	50	0	50	83	6020.87	3010	0	63
H Aug 2001	23	32	12	49	0	49	82	6020.08	2982	0	66
I Sep 2001	17	32	10	49	0	49	81	6019.35	2954	0	0
WY 2001	748	797	75	775	1	774					1748
S Oct 2001	17	28	6	50	0	50	80	6018.50	2927	0	69
T Nov 2001	27	26	3	48	0	48	79	6017.80	2903	0	74
O Dec 2001	18	23	2	49	0	49	78	6017.04	2876	0	94
R Jan 2002	22	27	2	49	0	49	77	6016.38	2854	0	79
I Feb 2002	21	27	2	45	0	45	76	6015.83	2835	0	71
C Mar 2002	46	46	3	50	0	50	76	6015.65	2829	0	87
A Apr 2002	70	42	4	48	0	48	76	6015.35	2819	0	172
L May 2002	45	72	7	118	0	118	74	6013.86	2768	0	266
* Jun 2002	156	46	9	50	0	50	73	6013.47	2755	0	149
Jul 2002	95	37	12	49	0	49	72	6012.78	2732	0	49
Aug 2002	40	37	9	49	0	49	72	6012.17	2712	0	49
Sep 2002	30	55	8	48	0	48	72	6012.15	2711	0	48
WY 2002	587	466	67	653	0	653					1207
Oct 2002	33	59	4	49	0	49	72	6012.31	2717	0	49
Nov 2002	33	60	2	48	0	48	72	6012.61	2727	0	48
Dec 2002	26	60	2	49	0	49	72	6012.88	2736	0	49
Jan 2003	32	65	2	49	0	49	73	6013.30	2750	0	49
Feb 2003	38	66	2	44	0	44	74	6013.88	2769	0	44
Mar 2003	89	117	4	49	0	49	76	6015.72	2831	0	49
Apr 2003	138	134	6	48	0	48	78	6017.96	2908	0	48
May 2003	285	238	9	153	0	153	81	6020.05	2982	0	153
Jun 2003	469	319	12	167	0	167	85	6023.82	3117	0	167
Jul 2003	259	206	13	92	0	92	88	6026.47	3215	0	92
Aug 2003	108	117	10	92	0	92	89	6026.84	3229	0	92
Sep 2003	65	85	9	89	0	89	88	6026.50	3216	0	89
WY 2003	1575	1526	75	929	0	929					929
Oct 2003	65	88	5	92	0	92	88	6026.27	3207	0	92
Nov 2003	54	85	2	89	0	89	88	6026.11	3202	0	89
Dec 2003	40	82	2	92	0	92	87	6025.80	3190	0	92
Jan 2004	45	89	2	92	0	92	87	6025.68	3185	0	92
Feb 2004	51	90	2	83	0	83	87	6025.80	3190	0	83
Mar 2004	108	140	4	92	0	92	89	6026.93	3232	0	92
Apr 2004	157	153	7	105	0	105	90	6027.98	3272	0	105
May 2004	303	257	10	220	0	220	91	6028.66	3298	0	220
Jun 2004	469	324	13	200	0	200	95	6031.44	3405	0	200

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 7/2002 Most Prob Water Supply
Taylor Park Reservoir

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	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jul 2001	9	20	9314.12	77
H Aug 2001	11	15	9311.29	72
I Sep 2001	6	11	9308.00	67
WY 2001	111	107		
S Oct 2001	5	7	9306.79	65
T Nov 2001	4	4	9306.94	65
O Dec 2001	4	4	9306.74	65
R Jan 2002	3	4	9306.23	64
I Feb 2002	3	4	9305.60	63
C Mar 2002	4	5	9305.48	63
A Apr 2002	9	5	9307.95	67
L May 2002	13	10	9310.01	70
* Jun 2002	8	14	9306.02	64
Jul 2002	3	14	9298.44	53
Aug 2002	3	12	9291.03	44
Sep 2002	2	9	9284.97	38
WY 2002	61	92		
Oct 2002	3	5	9282.86	35
Nov 2002	2	4	9281.47	34
Dec 2002	3	4	9280.48	33
Jan 2003	3	4	9278.55	32
Feb 2003	3	4	9276.91	30
Mar 2003	3	4	9275.46	29
Apr 2003	7	6	9276.55	30
May 2003	25	10	9291.90	45
Jun 2003	46	16	9312.83	74
Jul 2003	22	16	9316.45	81
Aug 2003	10	16	9313.11	75
Sep 2003	7	16	9307.49	66
WY 2003	134	105		
Oct 2003	7	12	9303.81	60
Nov 2003	5	6	9303.07	59
Dec 2003	5	4	9303.63	60
Jan 2004	4	4	9303.68	60
Feb 2004	4	4	9303.45	60
Mar 2004	4	6	9302.26	58
Apr 2004	8	10	9301.10	57
May 2004	27	16	9308.78	68
Jun 2004	46	18	9324.57	95

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 7/2002 Most Prob Water Supply
Blue Mesa Reservoir

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	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
* Jul 2001	66	76	1	88	0	88	7499.99	661
H Aug 2001	69	73	1	92	0	92	7497.56	641
I Sep 2001	30	35	1	78	0	78	7492.05	597
WY 2001	763	760	6	715	0	715		
S Oct 2001	27	29	0	71	0	71	7486.61	555
T Nov 2001	28	27	0	33	0	33	7485.87	550
O Dec 2001	23	23	0	29	0	29	7485.16	544
R Jan 2002	22	22	0	33	0	33	7483.78	534
I Feb 2002	17	18	0	29	0	29	7482.23	522
C Mar 2002	30	30	0	39	0	39	7480.99	513
A Apr 2002	53	50	1	59	0	59	7479.65	503
L May 2002	53	50	1	72	0	72	7476.52	481
* Jun 2002	36	41	1	28	45	73	7471.79	448
Jul 2002	20	31	1	109	0	109	7459.55	369
Aug 2002	20	29	1	103	0	103	7446.59	294
Sep 2002	13	19	1	81	0	81	7434.24	232
WY 2002	342	369	6	686	45	731		
Oct 2002	16	18	0	46	0	46	7427.99	203
Nov 2002	16	17	0	14	0	14	7428.72	207
Dec 2002	15	16	0	15	0	15	7429.01	208
Jan 2003	16	18	0	15	0	15	7429.71	211
Feb 2003	16	17	0	12	0	12	7430.89	216
Mar 2003	27	28	0	14	0	14	7434.04	231
Apr 2003	64	63	0	24	0	24	7441.93	269
May 2003	201	186	1	16	0	16	7470.40	438
Jun 2003	292	263	1	22	0	22	7501.99	678
Jul 2003	134	127	1	81	0	81	7507.33	723
Aug 2003	65	70	1	97	0	97	7504.04	695
Sep 2003	37	46	1	90	0	90	7498.57	650
WY 2003	899	869	5	446	0	446		
Oct 2003	37	43	1	70	0	70	7495.18	622
Nov 2003	31	32	0	47	0	47	7493.24	607
Dec 2003	26	25	0	50	0	50	7490.06	582
Jan 2004	25	25	0	79	0	79	7482.96	528
Feb 2004	23	24	0	73	0	73	7476.15	478
Mar 2004	35	37	0	85	0	85	7469.16	430
Apr 2004	75	77	1	90	0	90	7467.07	416
May 2004	217	206	1	102	0	102	7481.82	519
Jun 2004	292	265	1	25	0	25	7511.35	758

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 7/2002 Most Prob Water Supply
Morrow Point Reservoir

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	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
* Jul 2001	69	88	3	90	0	164	70	94	7152.66	111
H Aug 2001	72	92	3	95	0	92	0	92	7156.63	114
I Sep 2001	31	78	2	80	0	86	0	86	7148.44	108
WY 2001	816	715	55	771	0	845	71	776		
S Oct 2001	29	71	2	72	0	70	0	70	7151.51	110
T Nov 2001	29	33	2	34	0	34	0	34	7151.60	110
O Dec 2001	25	29	2	31	0	31	0	31	7150.43	109
R Jan 2002	24	33	2	34	0	32	0	32	7152.98	111
I Feb 2002	19	29	3	32	0	32	0	32	7152.95	111
C Mar 2002	32	39	2	41	0	42	0	42	7151.85	111
A Apr 2002	62	59	9	68	0	68	0	68	7151.67	110
L May 2002	58	72	5	77	0	72	0	72	7157.58	115
* Jun 2002	39	73	3	76	0	84	0	84	7147.52	107
Jul 2002	21	109	1	110	0	105	0	105	7153.73	112
Aug 2002	21	103	1	104	0	104	0	104	7153.73	112
Sep 2002	14	81	1	82	0	82	0	82	7153.73	112
WY 2002	373	731	33	761	0	756	0	756		
Oct 2002	17	46	1	47	0	47	0	47	7153.73	112
Nov 2002	17	14	1	15	0	15	0	15	7153.73	112
Dec 2002	16	15	1	15	0	16	0	16	7153.73	112
Jan 2003	17	15	1	15	0	16	0	16	7153.73	112
Feb 2003	19	12	3	15	0	15	0	15	7153.73	112
Mar 2003	31	14	4	18	0	18	0	18	7153.73	112
Apr 2003	73	24	9	33	0	33	0	33	7153.73	112
May 2003	228	16	27	43	0	43	0	43	7153.73	112
Jun 2003	315	22	23	45	0	45	0	45	7153.73	112
Jul 2003	141	81	7	88	0	88	0	88	7153.73	112
Aug 2003	68	97	4	101	0	101	0	101	7153.73	112
Sep 2003	39	90	2	92	0	92	0	92	7153.73	112
WY 2003	981	446	83	527	0	529	0	529		
Oct 2003	39	70	2	71	0	71	0	71	7153.73	112
Nov 2003	33	47	2	49	0	49	0	49	7153.73	112
Dec 2003	28	50	2	52	0	52	0	52	7153.73	112
Jan 2004	27	79	2	81	0	81	0	81	7153.73	112
Feb 2004	26	73	3	76	0	76	0	76	7153.73	112
Mar 2004	39	85	4	89	0	89	0	89	7153.73	112
Apr 2004	85	90	10	100	0	100	0	100	7153.73	112
May 2004	246	102	29	131	0	131	0	131	7153.73	112
Jun 2004	315	25	23	48	0	48	0	48	7153.73	112

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 7/2002 Most Prob Water Supply
Crystal Reservoir CO

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	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
* Jul 2001	74	94	6	99	99	0	99	6742.59	14	63	39
H Aug 2001	78	92	7	99	97	0	97	6747.40	15	62	38
I Sep 2001	35	86	4	90	91	0	91	6744.36	15	55	37
WY 2001	900	776	87	862	838	21	859			397	475
S Oct 2001	32	70	4	73	74	0	74	6744.04	14	37	38
T Nov 2001	33	34	4	38	37	0	37	6747.73	15	0	37
O Dec 2001	29	31	4	36	37	0	37	6744.45	15	0	36
R Jan 2002	28	32	4	37	31	6	37	6745.45	15	1	36
I Feb 2002	23	32	4	36	15	21	36	6743.75	14	1	34
C Mar 2002	35	42	3	45	42	0	42	6754.25	17	9	33
A Apr 2002	72	68	10	77	78	0	78	6751.14	16	54	25
L May 2002	65	72	6	78	81	0	81	6741.56	14	61	21
* Jun 2002	43	84	4	88	89	0	89	6739.81	13	60	32
Jul 2002	26	105	5	110	108	0	108	6746.05	15	65	43
Aug 2002	25	104	4	108	108	0	108	6746.05	15	65	43
Sep 2002	17	82	3	85	85	0	85	6746.05	15	55	30
WY 2002	428	756	55	811	785	27	812			408	408
Oct 2002	20	47	3	50	47	3	50	6746.05	15	30	20
Nov 2002	20	15	3	18	18	0	18	6746.05	15	0	18
Dec 2002	19	16	3	19	19	0	19	6746.05	15	0	19
Jan 2003	20	16	3	19	19	0	19	6746.05	15	0	19
Feb 2003	21	15	2	17	17	0	17	6746.05	15	0	17
Mar 2003	37	18	6	23	24	0	24	6746.05	15	5	19
Apr 2003	88	33	15	48	48	0	48	6746.05	15	30	18
May 2003	277	43	49	92	92	0	92	6746.05	15	55	37
Jun 2003	377	45	62	107	107	0	107	6746.05	15	60	47
Jul 2003	167	88	26	114	114	0	114	6746.05	15	65	49
Aug 2003	82	101	14	114	114	0	114	6746.05	15	65	49
Sep 2003	49	92	10	103	103	0	103	6746.05	15	55	48
WY 2003	1177	529	196	724	722	3	725			365	360
Oct 2003	47	71	8	79	79	0	79	6746.05	15	30	49
Nov 2003	38	49	6	55	55	0	55	6746.05	15	0	55
Dec 2003	33	52	5	57	57	0	57	6746.05	15	0	57
Jan 2004	32	81	5	86	86	0	86	6746.05	15	0	86
Feb 2004	31	76	5	81	55	26	81	6746.05	15	0	81
Mar 2004	47	89	8	96	96	0	96	6746.05	15	5	91
Apr 2004	103	100	18	118	112	6	118	6746.05	15	30	88
May 2004	299	131	52	183	116	67	183	6746.05	15	55	128
Jun 2004	377	48	62	110	110	0	110	6746.05	15	60	50

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 7/2002 Most Prob Water Supply
Vallecito Reservoir CO

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	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jul 2001	25	44	7656.59	103
H Aug 2001	25	38	7651.14	90
I Sep 2001	9	35	7639.69	64
WY 2001	304	268		
S Oct 2001	6	19	7633.18	51
T Nov 2001	5	3	7634.15	52
O Dec 2001	5	3	7634.98	54
R Jan 2002	4	3	7635.45	55
I Feb 2002	3	1	7636.00	56
C Mar 2002	3	2	7636.66	57
A Apr 2002	10	3	7639.87	64
L May 2002	16	36	7629.21	43
* Jun 2002	7	31	7611.76	19
Jul 2002	3	12	7601.50	10
Aug 2002	7	6	7603.22	12
Sep 2002	8	6	7605.32	13
WY 2002	77	125		
Oct 2002	8	3	7610.21	18
Nov 2002	5	3	7612.41	20
Dec 2002	4	3	7613.15	21
Jan 2003	3	3	7613.51	21
Feb 2003	4	4	7613.69	22
Mar 2003	6	3	7616.51	25
Apr 2003	18	15	7618.67	28
May 2003	60	42	7630.35	46
Jun 2003	78	42	7647.72	82
Jul 2003	35	43	7644.13	73
Aug 2003	19	37	7635.85	56
Sep 2003	16	28	7629.63	44
WY 2003	256	226		
Oct 2003	14	18	7627.13	40
Nov 2003	8	7	7628.09	42
Dec 2003	6	5	7628.78	43
Jan 2004	5	4	7629.60	44
Feb 2004	5	3	7630.40	46
Mar 2004	8	4	7632.63	50
Apr 2004	21	15	7635.57	55
May 2004	67	42	7647.19	81
Jun 2004	82	42	7662.99	120

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 7/2002 Most Prob Water Supply
Navajo Reservoir NM

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	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
* Jul 2001	32	4	46	4	30	32	6068.27	1457	0
H Aug 2001	48	4	58	4	23	39	6067.73	1449	66
I Sep 2001	5	0	30	3	18	50	6064.73	1409	41
WY 2001	1036	111	890	28	137	675			769
S Oct 2001	10	0	24	2	6	49	6062.22	1376	45
T Nov 2001	12	0	10	1	0	31	6060.52	1354	36
O Dec 2001	13	0	11	1	0	31	6058.91	1334	50
R Jan 2002	12	0	11	1	0	31	6057.25	1313	37
I Feb 2002	10	0	9	1	0	28	6055.64	1293	0
C Mar 2002	16	1	14	1	4	32	6053.71	1270	40
A Apr 2002	35	4	25	2	20	45	6050.17	1228	41
L May 2002	7	0	27	3	26	52	6045.50	1174	55
* Jun 2002	-8	0	14	3	36	48	6038.75	1099	46
Jul 2002	2	0	11	3	36	55	6030.75	1016	55
Aug 2002	20	0	19	2	30	55	6023.75	947	55
Sep 2002	23	0	21	2	19	54	6018.13	894	54
WY 2002	152	5	196	22	177	511			514
Oct 2002	23	0	19	1	5	31	6016.09	876	31
Nov 2002	22	0	20	0	0	30	6014.90	865	30
Dec 2002	17	0	16	0	0	31	6013.20	850	31
Jan 2003	16	0	16	0	0	31	6011.40	834	31
Feb 2003	24	0	24	0	0	28	6010.86	829	28
Mar 2003	78	1	74	1	2	31	6015.35	869	31
Apr 2003	160	14	143	2	11	30	6026.07	970	30
May 2003	269	31	220	2	22	59	6039.40	1106	59
Jun 2003	266	32	198	3	34	120	6043.13	1147	120
Jul 2003	91	9	90	3	36	52	6042.98	1145	52
Aug 2003	53	3	68	3	30	55	6041.23	1126	55
Sep 2003	48	1	59	2	19	55	6039.65	1109	55
WY 2003	1067	91	947	17	159	553			553
Oct 2003	44	1	47	1	5	31	6040.55	1119	31
Nov 2003	35	0	33	1	0	30	6040.82	1122	30
Dec 2003	27	0	25	0	0	31	6040.24	1115	31
Jan 2004	23	0	21	0	0	31	6039.29	1105	31
Feb 2004	33	0	31	1	0	28	6039.57	1108	28
Mar 2004	99	1	94	1	3	31	6044.92	1167	31
Apr 2004	190	14	170	2	10	30	6055.81	1295	30
May 2004	300	31	244	3	26	59	6067.88	1451	59
Jun 2004	281	32	209	4	40	120	6071.16	1497	120

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Lake Powell

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	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
* Jul 2001	432	457	67	799	0	799	3669.46	18660	19764	0
H Aug 2001	370	429	74	820	0	820	3666.22	18637	19321	826
I Sep 2001	206	350	71	453	0	453	3664.84	18650	19135	461
WY 2001	6955	6815	543	8236	1	8237				1871
S Oct 2001	244	377	41	602	0	602	3662.35	18715	18802	602
T Nov 2001	336	384	35	606	0	606	3660.14	18750	18511	602
O Dec 2001	280	333	31	801	0	801	3656.17	18767	17996	803
R Jan 2002	263	318	21	805	0	805	3652.33	18747	17508	807
I Feb 2002	239	293	23	601	0	601	3649.79	18735	17190	605
C Mar 2002	296	338	21	602	0	602	3647.67	18713	16927	584
A Apr 2002	380	386	30	602	0	602	3645.85	18690	16705	616
L May 2002	312	445	39	590	0	590	3644.46	18674	16536	606
* Jun 2002	363	422	53	748	0	748	3640.91	18720	16111	762
Jul 2002	195	321	55	900	0	900	3635.90	18673	15524	0
Aug 2002	150	307	54	893	0	893	3630.70	18626	14931	0
Sep 2002	135	270	46	480	0	480	3628.57	18607	14694	0
WY 2002	3193	4194	449	8230	0	8230				5987
Oct 2002	203	262	41	492	0	492	3626.30	18587	14442	0
Nov 2002	244	265	34	476	0	476	3624.22	18569	14216	0
Dec 2002	230	266	28	492	0	492	3622.04	18550	13981	0
Jan 2003	244	275	21	839	0	839	3616.91	18507	13439	0
Feb 2003	287	293	19	730	0	730	3612.82	18473	13016	0
Mar 2003	505	408	24	810	0	810	3608.92	18441	12622	0
Apr 2003	828	593	27	600	0	600	3608.61	18439	12591	0
May 2003	2120	1646	37	600	0	600	3617.75	18514	13526	0
Jun 2003	3080	2427	45	650	0	650	3632.46	18642	15130	0
Jul 2003	1557	1344	53	870	0	870	3635.86	18673	15520	0
Aug 2003	613	663	55	870	0	870	3633.75	18654	15277	0
Sep 2003	475	579	47	801	0	801	3631.56	18634	15028	0
WY 2003	10386	9021	431	8230	0	8230				0
Oct 2003	557	611	42	600	0	600	3631.30	18631	14999	0
Nov 2003	532	578	35	600	0	600	3630.83	18627	14946	0
Dec 2003	439	520	29	800	0	800	3628.27	18604	14660	0
Jan 2004	405	514	22	850	0	850	3625.26	18578	14329	0
Feb 2004	432	509	20	800	0	800	3622.59	18555	14040	0
Mar 2004	663	633	25	800	0	800	3620.93	18541	13862	0
Apr 2004	985	812	28	800	0	800	3620.79	18539	13847	0
May 2004	2303	1921	39	800	0	800	3629.96	18619	14849	0
Jun 2004	3080	2454	48	900	0	900	3642.03	18731	16244	0

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Hoover Dam - Lake Mead

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	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
* Jul 2001	799	11	107	1001	16.3	35	984	1316	1180.78	20245
H Aug 2001	820	102	113	888	14.4	36	870	1309	1179.97	20137
I Sep 2001	453	86	92	698	11.7	30	684	1292	1177.96	19873
WY 2001	8237	729	897	10491		315	10211			
S Oct 2001	602	18	67	516	8.4	28	497	1292	1178.03	19882
T Nov 2001	606	33	67	667	11.2	18	662	1285	1177.22	19776
O Dec 2001	801	48	57	758	12.3	12	749	1287	1177.37	19795
R Jan 2002	805	33	47	702	11.4	10	700	1292	1177.94	19870
I Feb 2002	601	37	43	785	14.1	11	780	1279	1176.50	19682
C Mar 2002	602	4	48	1147	18.6	19	1123	1242	1172.06	19112
A Apr 2002	602	-15	58	1112	18.7	28	1094	1205	1167.49	18539
L May 2002	590	16	65	1170	19.0	35	1155	1164	1162.39	17915
* Jun 2002	748	-10	76	1035	17.4	32	1034	1140	1159.19	17533
Jul 2002	900	68	94	925	15.0	32	925	1135	1158.53	17456
Aug 2002	893	83	100	922	15.0	32	922	1130	1157.90	17382
Sep 2002	480	71	82	564	9.5	30	564	1122	1156.89	17264
WY 2002	8230	386	804	10303		287	10207			
Oct 2002	492	62	59	425	6.9	30	425	1125	1157.21	17301
Nov 2002	476	60	59	737	12.4	21	737	1107	1154.93	17037
Dec 2002	492	77	50	755	12.3	16	755	1092	1152.86	16800
Jan 2003	839	73	41	754	12.3	13	754	1098	1153.72	16898
Feb 2003	730	98	38	775	14.0	11	775	1099	1153.75	16902
Mar 2003	810	84	42	1123	18.3	19	1123	1081	1151.35	16630
Apr 2003	600	58	51	1202	20.2	24	1202	1043	1146.10	16049
May 2003	600	78	57	1112	18.1	30	1112	1011	1141.57	15559
Jun 2003	650	39	68	996	16.7	30	996	987	1137.97	15178
Jul 2003	870	68	84	897	14.6	30	897	982	1137.31	15109
Aug 2003	870	83	89	817	13.3	30	817	983	1137.46	15125
Sep 2003	801	71	74	675	11.3	28	675	989	1138.30	15214
WY 2003	8230	851	712	10268		282	10269			
Oct 2003	600	62	54	416	6.8	28	416	999	1139.76	15368
Nov 2003	600	60	54	699	11.8	20	699	992	1138.76	15262
Dec 2003	800	77	46	745	12.1	15	745	996	1139.39	15328
Jan 2004	850	73	38	749	12.2	13	749	1004	1140.48	15443
Feb 2004	800	98	35	743	12.9	12	743	1010	1141.44	15544
Mar 2004	800	84	39	1055	17.2	20	1055	996	1139.39	15328
Apr 2004	800	58	48	1140	19.2	25	1140	975	1136.22	14995
May 2004	800	78	55	1002	16.3	32	1002	962	1134.31	14797
Jun 2004	900	39	66	953	16.0	32	953	955	1133.29	14692

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Davis Dam - Lake Mohave

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	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
* Jul 2001	1001	-37	998	0	998	16.2	641.46	1657
H Aug 2001	888	-24	847	0	851	13.8	641.89	1669
I Sep 2001	698	-22	734	0	734	12.3	639.73	1610
WY 2001	10491	-326	10068	0	10074			
S Oct 2001	516	-1	649	0	650	10.6	634.57	1475
T Nov 2001	667	-7	602	0	602	10.1	636.76	1532
O Dec 2001	758	-23	611	0	611	9.9	641.37	1654
R Jan 2002	702	-18	664	0	664	10.8	642.09	1674
I Feb 2002	785	-15	800	0	800	14.4	640.95	1643
C Mar 2002	1147	-23	1057	0	1057	17.2	643.37	1709
A Apr 2002	1112	-26	1112	0	1112	18.7	642.40	1682
L May 2002	1170	-39	1077	0	1077	17.5	644.36	1736
* Jun 2002	1035	-16	1023	0	1034	17.4	643.78	1720
Jul 2002	925	-29	978	0	978	15.9	640.76	1638
Aug 2002	922	-35	826	0	826	13.4	643.00	1699
Sep 2002	564	-31	668	0	668	11.2	638.00	1564
WY 2002	10303	-263	10067	0	10079			
Oct 2002	425	-30	589	0	589	9.6	630.49	1371
Nov 2002	737	-28	620	0	620	10.4	634.00	1460
Dec 2002	755	-28	604	0	604	9.8	638.71	1583
Jan 2003	754	-32	639	0	639	10.4	641.80	1666
Feb 2003	775	-26	716	0	716	12.9	643.01	1699
Mar 2003	1123	-29	1094	0	1094	17.8	643.01	1699
Apr 2003	1202	-36	1166	0	1166	19.6	643.01	1699
May 2003	1112	-33	1079	0	1079	17.5	643.01	1699
Jun 2003	996	-28	996	0	996	16.7	641.98	1671
Jul 2003	897	-29	949	0	949	15.4	639.01	1591
Aug 2003	817	-35	796	0	796	12.9	638.50	1577
Sep 2003	675	-31	657	0	657	11.0	638.00	1564
WY 2003	10268	-365	9905	0	9905			
Oct 2003	416	-30	579	0	579	9.4	630.49	1371
Nov 2003	699	-28	582	0	582	9.8	634.00	1460
Dec 2003	745	-28	594	0	594	9.7	638.71	1583
Jan 2004	749	-32	634	0	634	10.3	641.80	1666
Feb 2004	743	-26	684	0	684	11.9	643.01	1699
Mar 2004	1055	-29	1026	0	1026	16.7	643.01	1699
Apr 2004	1140	-36	1104	0	1104	18.5	643.01	1699
May 2004	1002	-33	969	0	969	15.8	643.01	1699
Jun 2004	953	-28	953	0	953	16.0	641.98	1671

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 7/2002 Most Prob Water Supply
Parker Dam - Lake Havasu

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	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
* Jul 2001	998	-4	813	13.2	109	84	447.80	576	143	2.3
H Aug 2001	851	-1	674	11.0	110	59	448.08	582	114	1.8
I Sep 2001	734	1	597	10.0	97	55	447.33	567	103	1.7
WY 2001	10074	43	7256		1263	1589			1866	
S Oct 2001	650	-4	493	8.0	106	43	447.47	570	85	1.4
T Nov 2001	602	-6	400	6.7	109	108	446.35	549	99	1.7
O Dec 2001	611	6	341	5.6	102	171	446.50	552	123	2.0
R Jan 2002	664	-9	392	6.4	108	158	446.37	550	132	2.2
I Feb 2002	800	-15	504	9.1	98	173	446.97	560	160	2.9
C Mar 2002	1057	-8	714	11.6	109	196	448.53	590	216	3.5
A Apr 2002	1112	-8	818	13.7	106	186	448.20	584	207	3.5
L May 2002	1077	-6	763	12.4	110	186	448.77	595	121	2.0
* Jun 2002	1034	-15	763	12.8	106	161	448.14	583	113	1.9
Jul 2002	978	-9	792	12.9	109	80	447.47	570	119	1.9
Aug 2002	826	1	646	10.5	111	71	447.47	570	101	1.6
Sep 2002	668	8	521	8.8	105	63	446.77	557	89	1.5
WY 2002	10079	-65	7147		1279	1596			1565	
Oct 2002	589	11	470	7.6	106	33	446.27	548	71	1.2
Nov 2002	620	17	363	6.1	102	178	445.97	543	101	1.7
Dec 2002	604	0	379	6.2	105	123	445.78	539	122	2.0
Jan 2003	639	-6	370	6.0	106	157	445.78	539	101	1.6
Feb 2003	716	10	460	8.3	96	170	445.78	539	146	2.6
Mar 2003	1094	12	790	12.8	107	193	446.66	555	187	3.0
Apr 2003	1166	0	840	14.1	101	187	448.68	593	171	2.9
May 2003	1079	-2	760	12.4	106	193	449.61	611	181	2.9
Jun 2003	996	-7	760	12.8	103	126	449.61	611	183	3.1
Jul 2003	949	-9	785	12.8	106	79	447.98	580	148	2.4
Aug 2003	796	1	635	10.3	107	64	447.48	570	110	1.8
Sep 2003	657	8	510	8.6	105	63	446.77	557	89	1.5
WY 2003	9905	35	7122		1250	1566			1610	
Oct 2003	579	11	460	7.5	106	33	446.27	548	55	0.9
Nov 2003	582	17	325	5.5	102	178	445.97	543	65	1.1
Dec 2003	594	0	370	6.0	105	123	445.78	539	65	1.1
Jan 2004	634	-6	370	6.0	106	152	445.78	539	101	1.6
Feb 2004	684	10	460	8.0	96	138	445.78	539	146	2.5
Mar 2004	1026	12	790	12.8	107	124	446.66	555	187	3.0
Apr 2004	1104	0	840	14.1	101	124	448.69	594	170	2.9
May 2004	969	-2	760	12.4	106	83	449.61	611	181	2.9
Jun 2004	953	-7	760	12.8	103	83	449.61	611	183	3.1

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Bureau of Reclamation - CRFS 7/2002 Most Prob Water Supply
Hoover Dam - Lake Mead

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	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
* Jul 2001	1001	16.3	1180.78	20245	-313	0.00	2062.0	464.0	100	463.6
H Aug 2001	888	14.4	1179.97	20137	-107	0.00	2062.0	406.7	100	458.2
I Sep 2001	698	11.7	1177.96	19873	-264	0.00	2062.0	315.4	100	451.9
WY 2001	10492							4903.7		
S Oct 2001	516	8.4	1178.03	19882	9	0.00	1423.0	225.8	69	437.9
T Nov 2001	667	11.2	1177.22	19776	-106	0.00	1670.0	302.9	81	454.0
O Dec 2001	758	12.3	1177.37	19795	20	0.00	1670.0	347.4	81	458.2
R Jan 2002	702	11.4	1177.94	19870	74	0.00	1402.0	318.5	68	453.9
I Feb 2002	785	14.1	1176.50	19682	-188	0.00	1402.0	363.2	68	462.8
C Mar 2002	1147	18.6	1172.06	19112	-570	0.00	1402.0	537.1	68	468.4
A Apr 2002	1112	18.7	1167.49	18539	-574	0.00	1670.0	512.8	81	461.2
L May 2002	1170	19.0	1162.39	17915	-623	0.00	1670.0	532.6	81	455.2
* Jun 2002	1035	17.4	1159.19	17533	-381	0.00	2062.0	464.3	100	448.6
Jul 2002	925	15.0	1158.53	17456	-77	505.44	1937.0	412.1	100	445.5
Aug 2002	922	15.0	1157.90	17382	-73	505.06	1937.0	410.3	100	445.0
Sep 2002	564	9.5	1156.89	17264	-118	505.14	1937.0	244.0	100	432.4
WY 2002	10302							4670.9		
Oct 2002	425	6.9	1157.21	17301	37	509.55	1569.0	182.7	81	429.6
Nov 2002	737	12.4	1154.93	17037	-264	512.38	1336.5	336.0	69	455.9
Dec 2002	755	12.3	1152.86	16800	-237	507.83	1336.5	341.0	69	451.9
Jan 2003	754	12.3	1153.72	16898	98	505.44	1200.9	341.5	62	452.9
Feb 2003	775	14.0	1153.75	16902	4	503.70	1336.5	354.2	69	457.0
Mar 2003	1123	18.3	1151.35	16630	-272	500.89	1549.6	509.7	80	453.7
Apr 2003	1202	20.2	1146.10	16049	-581	496.95	1569.0	549.1	81	456.8
May 2003	1112	18.1	1141.57	15559	-490	489.95	1937.0	487.2	100	438.1
Jun 2003	996	16.7	1137.97	15178	-380	486.24	1937.0	428.4	100	430.1
Jul 2003	897	14.6	1137.31	15109	-69	485.43	1937.0	384.9	100	428.9
Aug 2003	817	13.3	1137.46	15125	15	486.32	1937.0	354.6	100	434.0
Sep 2003	675	11.3	1138.30	15214	89	487.14	1937.0	286.8	100	424.9
WY 2003	10269							4556.0		
Oct 2003	416	6.8	1139.76	15368	154	489.44	1937.0	172.0	100	413.9
Nov 2003	699	11.8	1138.76	15262	-106	492.13	1937.0	301.3	100	430.7
Dec 2003	745	12.1	1139.39	15328	66	493.02	1336.5	328.2	69	440.3
Jan 2004	749	12.2	1140.48	15443	115	491.33	1336.5	329.1	69	439.4
Feb 2004	743	12.9	1141.44	15544	101	490.93	1336.5	329.1	69	442.8
Mar 2004	1055	17.2	1139.39	15328	-216	489.99	1336.5	470.7	69	446.2
Apr 2004	1140	19.2	1136.22	14995	-333	487.39	1336.5	514.8	69	451.7
May 2004	1002	16.3	1134.31	14797	-198	483.52	1569.0	432.6	81	431.9
Jun 2004	953	16.0	1133.29	14692	-105	480.29	1937.0	402.7	100	422.5

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Davis Dam - Lake Mohave

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	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
* Jul 2001	998	16.2	641.46	1657	-34	0.00	240.0	125.2	100	125.5
H Aug 2001	847	13.8	641.89	1669	12	0.00	240.0	106.9	100	126.2
I Sep 2001	734	12.3	639.73	1610	-58	0.00	240.0	91.3	100	124.4
WY 2001	10067							1253.9		
S Oct 2001	649	10.6	634.57	1475	-135	0.00	192.0	81.3	80	125.3
T Nov 2001	602	10.1	636.76	1532	57	0.00	185.0	71.1	77	118.1
O Dec 2001	611	9.9	641.37	1654	123	0.00	163.0	74.9	68	122.5
R Jan 2002	664	10.8	642.09	1674	19	0.00	166.0	83.5	69	125.7
I Feb 2002	800	14.4	640.95	1643	-31	0.00	166.0	99.7	69	124.6
C Mar 2002	1057	17.2	643.37	1709	66	0.00	197.0	132.5	82	125.3
A Apr 2002	1112	18.7	642.40	1682	-26	0.00	192.0	139.8	80	125.7
L May 2002	1077	17.5	644.36	1736	54	0.00	240.0	135.9	100	126.2
* Jun 2002	1023	17.2	643.78	1720	-16	0.00	240.0	128.1	100	125.2
Jul 2002	978	15.9	640.76	1638	-82	135.27	240.0	116.4	100	119.0
Aug 2002	826	13.4	643.00	1699	61	134.86	240.0	99.9	100	120.9
Sep 2002	668	11.2	638.00	1564	-134	133.42	240.0	81.9	100	122.6
WY 2002	10068							1244.9		
Oct 2002	589	9.6	630.49	1371	-193	128.32	192.0	70.5	80	119.8
Nov 2002	620	10.4	634.00	1460	89	126.46	184.8	72.2	77	116.4
Dec 2002	604	9.8	638.71	1583	123	131.54	163.2	72.6	68	120.2
Jan 2003	639	10.4	641.80	1666	83	135.97	153.6	77.8	64	121.8
Feb 2003	716	12.9	643.01	1699	33	137.30	177.6	85.8	74	119.8
Mar 2003	1094	17.8	643.01	1699	0	137.29	196.8	127.7	82	116.7
Apr 2003	1166	19.6	643.01	1699	0	136.05	240.0	136.8	100	117.3
May 2003	1079	17.5	643.01	1699	0	136.05	240.0	127.8	100	118.5
Jun 2003	996	16.7	641.98	1671	-28	135.51	240.0	118.1	100	118.6
Jul 2003	949	15.4	639.01	1591	-80	133.41	240.0	111.8	100	117.9
Aug 2003	796	12.9	638.50	1577	-13	131.57	240.0	94.6	100	118.9
Sep 2003	657	11.0	638.00	1564	-13	131.05	240.0	79.5	100	121.0
WY 2003	9904							1175.2		
Oct 2003	579	9.4	630.49	1371	-193	128.32	192.0	69.6	80	120.2
Nov 2003	582	9.8	634.00	1460	89	126.46	184.8	68.5	77	117.6
Dec 2003	594	9.7	638.71	1583	123	131.54	163.2	71.6	68	120.5
Jan 2004	634	10.3	641.80	1666	83	135.97	153.6	77.3	64	122.0
Feb 2004	684	11.9	643.01	1699	33	137.30	177.6	82.8	74	121.1
Mar 2004	1026	16.7	643.01	1699	0	137.29	196.8	120.4	82	117.4
Apr 2004	1104	18.5	643.01	1699	0	136.05	240.0	130.1	100	117.9
May 2004	969	15.8	643.01	1699	0	136.05	240.0	116.0	100	119.7
Jun 2004	953	16.0	641.98	1671	-28	135.51	240.0	113.5	100	119.1

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 7/2002 Most Prob Water Supply
Parker Dam - Lake Havasu

15-jul-2002 08:45:44

	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
* Jul 2001	813	13.2	447.80	576	-14	0.00	120.0	52.8	100	64.9
H Aug 2001	674	11.0	448.08	582	5	0.00	120.0	45.5	100	67.5
I Sep 2001	597	10.0	447.33	567	-14	0.00	113.0	40.0	94	67.0
WY 2001	7257							475.9		
S Oct 2001	493	8.0	447.47	570	3	0.00	92.0	33.4	77	67.8
T Nov 2001	400	6.7	446.35	549	-21	0.00	94.0	24.7	78	61.8
O Dec 2001	341	5.6	446.50	552	3	0.00	103.0	22.7	86	66.5
R Jan 2002	392	6.4	446.37	550	-2	0.00	120.0	25.9	100	66.1
I Feb 2002	504	9.1	446.97	560	11	0.00	120.0	31.5	100	62.5
C Mar 2002	714	11.6	448.53	590	30	0.00	120.0	48.2	100	67.5
A Apr 2002	818	13.7	448.20	584	-6	0.00	120.0	55.4	100	67.7
L May 2002	763	12.4	448.77	595	11	0.00	120.0	52.0	100	68.1
* Jun 2002	763	12.8	448.14	583	-12	0.00	120.0	51.1	100	67.0
Jul 2002	792	12.9	447.47	570	-12	75.18	120.0	52.3	100	66.0
Aug 2002	646	10.5	447.47	570	0	74.86	120.0	42.2	100	65.4
Sep 2002	521	8.8	446.77	557	-13	74.83	112.8	33.9	94	65.0
WY 2002	7147							473.3		
Oct 2002	470	7.6	446.27	548	-9	75.22	92.4	30.6	77	65.2
Nov 2002	363	6.1	445.97	543	-6	74.77	93.6	23.2	78	64.1
Dec 2002	379	6.2	445.78	539	-4	74.05	103.2	24.1	86	63.6
Jan 2003	370	6.0	445.78	539	0	73.21	120.0	23.3	100	62.8
Feb 2003	460	8.3	445.78	539	0	73.21	120.0	29.3	100	63.7
Mar 2003	790	12.8	446.66	555	16	73.64	120.0	51.2	100	64.8
Apr 2003	840	14.1	448.68	593	38	75.05	120.0	55.5	100	66.1
May 2003	760	12.4	449.61	611	18	76.49	120.0	50.9	100	67.0
Jun 2003	760	12.8	449.61	611	0	76.94	120.0	51.2	100	67.4
Jul 2003	785	12.8	447.98	580	-31	76.15	120.0	52.4	100	66.8
Aug 2003	635	10.3	447.48	570	-10	75.11	120.0	41.6	100	65.6
Sep 2003	510	8.6	446.77	557	-13	74.83	112.8	33.1	94	65.0
WY 2003	7122							466.5		
Oct 2003	460	7.5	446.27	548	-9	75.22	92.4	30.0	77	65.1
Nov 2003	325	5.5	445.97	543	-6	74.77	93.6	20.7	78	63.7
Dec 2003	370	6.0	445.78	539	-4	74.05	103.2	23.5	86	63.5
Jan 2004	370	6.0	445.78	539	0	74.62	90.0	23.7	75	64.0
Feb 2004	460	8.0	445.78	539	0	74.62	90.0	29.9	75	64.9
Mar 2004	790	12.8	446.66	555	16	75.05	90.0	52.3	75	66.3
Apr 2004	840	14.1	448.69	594	38	76.47	90.0	56.7	75	67.6
May 2004	760	12.4	449.61	611	18	77.90	90.0	52.0	75	68.4
Jun 2004	760	12.8	449.61	611	0	78.35	90.0	52.3	75	68.8

OPERATION PLAN FOR COLORADO RIVER SYSTYM RESERVOIRS

Bureau of Reclamation - CRFS 7/2002 Most Prob Water Supply

Mon Jul 15 13:07:25 2002

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
* Jul 2001	386	17	27	34	18	3
H Aug 2001	392	16	28	33	19	1
I Sep 2001	215	16	23	31	17	2
Summer 2001	993	49	79	98	54	6
S Oct 2001	286	16	20	25	13	2
T Nov 2001	286	16	9	12	5	1
O Dec 2001	376	16	8	11	5	1
R Jan 2002	375	16	9	11	4	1
I Feb 2002	278	15	8	10	3	1
C Mar 2002	277	16	10	14	7	1
Winter 2002	1878	96	65	83	38	7
A Apr 2002	276	16	16	24	15	1
L May 2002	270	41	20	26	15	5
* Jun 2002	341	28	8	30	16	3
Jul 2002	383	17	30	38	20	3
Aug 2002	376	17	27	38	20	3
Sep 2002	201	17	20	29	16	5
Summer 2002	1847	138	122	184	103	21
Oct 2002	205	17	11	17	9	5
Nov 2002	198	17	3	5	3	4
Dec 2002	204	17	4	6	3	5
Jan 2003	345	17	4	6	3	4
Feb 2003	297	16	3	5	3	4
Mar 2003	327	18	3	6	4	4
Winter 2003	1577	103	28	45	27	26
Apr 2003	241	17	6	12	9	5
May 2003	243	55	4	15	17	6
Jun 2003	270	60	6	16	20	8
Jul 2003	367	34	25	32	21	10
Aug 2003	368	34	30	36	22	10
Sep 2003	338	32	27	33	19	2
Summer 2003	1827	232	99	145	109	40
Oct 2003	252	34	21	26	15	7
Nov 2003	252	32	14	18	10	5
Dec 2003	335	34	15	19	11	6
Jan 2004	354	34	23	29	16	6
Feb 2004	332	30	21	27	10	5
Mar 2004	331	34	24	32	18	5
Winter 2004	1857	197	118	151	81	34
Apr 2004	330	38	25	36	21	5
May 2004	333	81	29	47	22	6
Jun 2004	382	73	7	17	21	8

model_run_id = 1027

FLOOD CONTROL CRITERIA
BEGINNING OF MONTH CONDITIONS

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 * * * *							* * * * E F F E C T I V E S P A C E * * * *										
JUL	2002	1094	382	597	8209	10281	9847	20128	46	-89	-44	-87	8209	9847	17969	1500	925	0	39.8
		* * * * C R E D I T A B L E S P A C E * * * *																	
AUG	2002	1062	461	680	8796	10999	9924	20923	1062	461	680	2202	8796	9924	20923	1500	922	0	39.0
SEP	2002	1081	536	749	9389	11754	9998	21752	1081	536	749	2365	9389	9998	21752	2270	564	0	38.4
OCT	2002	1108	598	802	9626	12134	10116	22250	1108	598	802	2508	9626	10116	22250	3040	425	0	37.9
NOV	2002	1130	626	820	9878	12454	10079	22532	1130	626	820	2576	9878	10079	22532	3810	737	0	37.4
DEC	2002	1148	623	831	10104	12706	10343	23049	1148	623	831	2602	10104	10343	23049	4580	755	0	37.0
JAN	2003	1174	622	846	10339	12980	10580	23560	1174	622	846	2641	10339	10580	23560	5350	754	0	36.6
		* * * * E F F E C T I V E S P A C E * * * *																	
JAN	2003	1174	622	846	10339	12980	10580	23560	708	567	413	1688	10339	10580	22607	5350	754	0	36.6
FEB	2003	1193	618	862	10881	13555	10482	24036	725	565	429	1719	10881	10482	23082	1500	775	0	36.3
MAR	2003	1202	613	867	11304	13985	10478	24463	731	561	433	1725	11304	10478	23507	1500	1123	0	35.7
APR	2003	1168	599	827	11698	14292	10750	25042	691	548	390	1629	11698	10750	24077	1500	1202	0	35.3
MAY	2003	1088	560	726	11729	14103	11331	25434	601	508	277	1386	11729	11331	24446	1500	1112	0	36.2
JUN	2003	969	391	590	10794	12744	11821	24565	469	323	116	908	10794	11821	23523	1500	996	0	38.0
JUL	2003	685	152	549	9190	10576	12202	22777	167	53	38	257	9190	12202	21649	1500	897	0	38.4
		* * * * C R E D I T A B L E S P A C E * * * *																	
AUG	2003	537	107	551	8800	9995	12271	22265	537	107	551	1194	8800	12271	22265	1500	817	0	38.1
SEP	2003	534	135	570	9043	10281	12255	22536	534	135	570	1238	9043	12255	22536	2270	675	0	37.8
OCT	2003	568	180	587	9292	10627	12166	22793	568	180	587	1335	9292	12166	22793	3040	416	0	37.7
NOV	2003	602	207	577	9321	10707	12012	22719	602	207	577	1386	9321	12012	22719	3810	699	0	37.6
DEC	2003	639	223	574	9374	10811	12118	22929	639	223	574	1436	9374	12118	22929	4580	745	0	37.4
JAN	2004	694	248	581	9660	11182	12052	23234	694	248	581	1522	9660	12052	23234	5350	749	0	37.1
		* * * * E F F E C T I V E S P A C E * * * *																	
JAN	2004	694	248	581	9660	11182	12052	23234	485	248	510	1243	9660	12052	22955	5350	749	0	37.1
FEB	2004	743	302	591	9991	11627	11937	23564	532	302	520	1354	9991	11937	23282	1500	718	0	36.9
MAR	2004	777	351	588	10280	11996	11836	23832	562	351	517	1430	10280	11836	23546	1500	1055	0	36.6
APR	2004	767	399	529	10458	12153	12052	24205	546	399	454	1399	10458	12052	23909	1500	1140	0	36.4
MAY	2004	724	413	401	10473	12011	12385	24396	494	413	314	1221	10473	12385	24079	1500	1002	0	37.6
JUN	2004	653	310	245	9471	10679	12583	23263	411	310	129	850	9471	12583	22905	1500	953	0	39.4