

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
River Operations Group
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This operation study reflects the 2001 Annual Operating Plan (AOP) as signed by the Secretary of Interior. The surplus condition is the criterion governing the operation of Lake Mead for calendar year 2001 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 2001 AOP, as submitted to the Secretary for approval, can be obtained from our website at www.lc.usbr.gov/~g4000/rivops.html.

As of April 2001, due to the current elevation of Lake Mead, Hoover's generating plant effective capacity has been changed to 2055 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 2001 operation reflects schedules by the Metropolitan Water District of Southern California of 1,258 MAF, Central Arizona Project of 1,566 MAF, and total lower basin states of 7.95 MAF. Calendar year 2002 and 2003 reflect full domestic surplus schedules 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 for the month of June to Lake Powell was 1.359 million acrefeet or 46% of the 30 year average. The forecast for the month of July unregulated inflow into Lake Powell is .432 million acrefeet or 28% of the 30 year average. The projected April through July unregulated inflow for water year 2001 is 4.3 million acrefeet or 56% of average. Projected water year 2001 unregulated inflow into Lake Powell is 7.13 million acrefeet or 61% of average.

(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 7/2001 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 2000	73	2	63	1	64	6497.20	278
H Aug 2000	40	2	64	0	64	6493.57	252
I Sep 2000	33	2	58	0	58	6489.63	225
WY 2000	816	14	858	23	881		
S Oct 2000	38	1	57	0	57	6486.57	206
T Nov 2000	30	1	36	17	53	6482.71	182
O Dec 2000	27	1	56	0	56	6477.22	152
R Jan 2001	25	0	56	0	56	6470.44	121
I Feb 2001	24	0	48	0	48	6464.31	96
C Mar 2001	50	0	33	2	35	6468.00	111
A Apr 2001	52	1	46	0	46	6469.46	117
L May 2001	107	1	64	0	64	6478.51	159
* Jun 2001	73	2	43	0	43	6483.49	187
Jul 2001	40	2	43	0	43	6482.63	182
Aug 2001	35	2	37	0	37	6481.99	178
Sep 2001	30	1	36	0	36	6480.68	171
WY 2001	531	12	555	19	574		
Oct 2001	30	1	37	0	37	6479.26	163
Nov 2001	30	1	36	0	36	6477.99	156
Dec 2001	25	0	37	0	37	6475.46	144
Jan 2002	23	0	37	0	37	6472.34	129
Feb 2002	26	0	33	0	33	6470.65	122
Mar 2002	45	0	62	0	62	6466.41	104
Apr 2002	97	1	89	0	89	6468.27	112
May 2002	184	1	97	53	150	6475.66	145
Jun 2002	351	2	101	109	210	6497.96	284
Jul 2002	216	3	102	58	160	6504.92	337
Aug 2002	89	2	100	0	100	6503.23	324
Sep 2002	55	2	71	0	71	6500.92	306
WY 2002	1171	13	802	220	1022		
Oct 2002	53	1	74	0	74	6497.95	284
Nov 2002	43	1	71	0	71	6493.95	255
Dec 2002	33	1	74	0	74	6487.72	213
Jan 2003	31	1	74	0	74	6480.51	170
Feb 2003	29	0	67	0	67	6472.76	131
Mar 2003	45	0	85	0	85	6462.78	91
Apr 2003	97	1	89	0	89	6464.80	98
May 2003	184	1	95	55	150	6472.76	131
Jun 2003	351	2	100	100	200	6497.48	280

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 7/2001 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 2000	73	64	12	80	0	80	86	6022.16	3057	0	119
H Aug 2000	37	60	12	80	0	80	85	6021.31	3026	0	85
I Sep 2000	39	64	10	72	0	72	83	6020.85	3010	0	90
WY 2000	961	1025	77	1383	0	1383					2550
S Oct 2000	47	66	7	62	0	62	83	6020.78	3007	0	83
T Nov 2000	32	54	3	59	0	59	83	6020.54	2999	0	84
O Dec 2000	27	56	2	62	0	62	83	6020.33	2991	0	78
R Jan 2001	31	62	2	59	0	59	83	6020.36	2992	0	79
I Feb 2001	35	60	2	54	0	54	83	6020.45	2996	0	72
C Mar 2001	108	95	3	60	0	60	84	6021.29	3025	0	155
A Apr 2001	91	82	5	61	0	61	85	6021.73	3041	0	241
L May 2001	179	139	7	149	1	148	84	6021.26	3024	0	593
* Jun 2001	99	68	10	62	0	62	84	6021.17	3021	0	234
Jul 2001	50	53	13	49	0	49	83	6020.94	3013	0	49
Aug 2001	45	47	10	49	0	49	83	6020.62	3002	0	49
Sep 2001	35	41	8	48	0	48	83	6020.20	2987	0	48
WY 2001	779	823	72	774	1	773					1765
Oct 2001	45	52	5	49	0	49	83	6020.16	2985	0	49
Nov 2001	45	51	2	48	0	48	83	6020.19	2986	0	48
Dec 2001	40	52	2	49	0	49	83	6020.23	2988	0	49
Jan 2002	42	56	2	49	0	49	83	6020.38	2993	0	49
Feb 2002	49	56	2	44	0	44	83	6020.65	3003	0	44
Mar 2002	95	112	4	65	0	65	85	6021.82	3044	0	65
Apr 2002	170	162	7	75	0	75	87	6023.96	3122	0	75
May 2002	291	257	10	200	0	200	89	6025.20	3168	0	200
Jun 2002	471	330	12	220	0	220	92	6027.72	3262	0	220
Jul 2002	265	209	14	102	0	102	95	6030.09	3352	0	102
Aug 2002	107	118	10	102	0	102	95	6030.23	3358	0	102
Sep 2002	67	83	9	99	0	99	94	6029.60	3334	0	99
WY 2002	1687	1538	79	1102	0	1102					1102
Oct 2002	66	87	5	102	0	102	93	6029.10	3314	0	102
Nov 2002	54	82	2	99	0	99	93	6028.61	3296	0	99
Dec 2002	40	81	2	102	0	102	92	6028.03	3274	0	102
Jan 2003	42	85	2	102	0	102	91	6027.55	3255	0	102
Feb 2003	49	87	2	92	0	92	91	6027.37	3248	0	92
Mar 2003	95	135	4	122	0	122	92	6027.59	3257	0	122
Apr 2003	170	162	7	126	0	126	92	6028.33	3285	0	126
May 2003	291	257	10	200	0	200	94	6029.51	3330	0	200
Jun 2003	471	320	13	220	0	220	97	6031.68	3414	0	220

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 7/2001 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 2000	9	22	9317.20	82
H Aug 2000	7	17	9311.58	72
I Sep 2000	7	13	9307.66	66
WY 2000	114	134		
S Oct 2000	6	7	9307.04	65
T Nov 2000	4	4	9306.71	65
O Dec 2000	4	4	9306.23	64
R Jan 2001	4	4	9305.71	63
I Feb 2001	4	4	9305.39	63
C Mar 2001	4	5	9305.07	62
A Apr 2001	8	5	9306.84	65
L May 2001	29	9	9318.83	85
* Jun 2001	23	20	9320.19	87
Jul 2001	9	20	9313.87	76
Aug 2001	6	15	9308.30	67
Sep 2001	5	10	9304.68	62
WY 2001	106	107		
Oct 2001	5	7	9303.02	59
Nov 2001	4	4	9303.00	59
Dec 2001	4	4	9302.92	59
Jan 2002	4	4	9302.71	59
Feb 2002	3	4	9302.14	58
Mar 2002	4	4	9301.80	58
Apr 2002	8	7	9302.09	58
May 2002	28	10	9313.75	76
Jun 2002	43	20	9326.41	99
Jul 2002	21	20	9326.93	100
Aug 2002	10	18	9322.72	92
Sep 2002	7	16	9317.73	83
WY 2002	141	118		
Oct 2002	6	12	9314.31	77
Nov 2002	5	8	9312.41	74
Dec 2002	4	6	9311.29	72
Jan 2003	4	6	9310.04	70
Feb 2003	3	6	9308.45	67
Mar 2003	4	6	9307.03	65
Apr 2003	8	8	9306.97	65
May 2003	28	16	9314.43	77
Jun 2003	43	20	9326.99	100

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 7/2001 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 2000	52	65	1	107	0	107	7503.10	687
H Aug 2000	36	46	1	117	0	117	7494.22	615
I Sep 2000	32	38	1	92	0	92	7487.24	560
WY 2000	757	777	7	946	3	949		
S Oct 2000	28	29	0	68	0	68	7481.91	520
T Nov 2000	28	28	0	33	0	33	7481.18	515
O Dec 2000	24	25	0	35	0	35	7479.81	505
R Jan 2001	21	22	0	33	0	33	7478.29	494
I Feb 2001	21	22	0	27	0	27	7477.60	489
C Mar 2001	36	36	0	48	0	48	7475.86	476
A Apr 2001	60	58	1	74	0	74	7473.42	459
L May 2001	225	205	1	69	0	69	7491.67	594
* Jun 2001	155	151	1	71	0	71	7501.51	674
Jul 2001	55	66	1	94	0	94	7497.93	644
Aug 2001	40	49	1	97	0	97	7491.79	595
Sep 2001	25	30	1	86	0	86	7484.45	539
WY 2001	718	721	6	735	0	735		
Oct 2001	28	30	0	60	0	60	7480.36	509
Nov 2001	27	27	0	29	0	29	7480.12	507
Dec 2001	26	26	0	30	0	30	7479.56	503
Jan 2002	25	25	0	42	0	42	7477.23	486
Feb 2002	22	23	0	36	0	36	7475.34	473
Mar 2002	33	34	0	75	0	75	7469.24	431
Apr 2002	74	74	1	85	0	85	7467.44	419
May 2002	215	197	1	84	0	84	7483.36	531
Jun 2002	280	257	1	24	0	24	7511.90	762
Jul 2002	129	128	2	87	0	87	7516.33	802
Aug 2002	66	74	1	105	0	105	7512.73	770
Sep 2002	38	47	1	105	0	105	7505.92	711
WY 2002	963	942	7	762	0	762		
Oct 2002	36	42	1	88	0	88	7500.34	664
Nov 2002	31	34	0	70	0	70	7495.91	628
Dec 2002	26	28	0	74	0	74	7490.05	582
Jan 2003	25	27	0	66	0	66	7484.94	543
Feb 2003	22	24	0	59	0	59	7480.26	508
Mar 2003	33	35	0	83	0	83	7473.49	460
Apr 2003	74	74	1	86	0	86	7471.75	448
May 2003	215	203	1	102	0	102	7485.62	548
Jun 2003	280	257	1	40	0	40	7512.01	763

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 7/2001 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 2000	55	107	3	109	0	110	0	110	7154.89	113
H Aug 2000	39	117	3	120	0	120	0	120	7155.25	113
I Sep 2000	34	92	2	93	0	92	0	92	7156.52	114
WY 2000	821	949	65	1011	0	1013	0	1013		
S Oct 2000	29	68	2	70	0	71	0	71	7155.11	113
T Nov 2000	29	33	2	35	0	37	0	37	7151.91	111
O Dec 2000	26	35	2	36	0	39	0	39	7148.25	108
R Jan 2001	23	33	2	35	0	35	0	35	7147.46	107
I Feb 2001	23	27	2	29	0	29	0	29	7146.58	106
C Mar 2001	38	48	2	50	0	51	0	51	7144.97	105
A Apr 2001	68	74	8	82	0	78	1	79	7149.90	109
L May 2001	245	69	20	90	0	85	0	85	7155.96	114
* Jun 2001	163	71	8	79	0	78	0	78	7156.90	115
Jul 2001	58	94	3	97	0	100	0	100	7153.73	112
Aug 2001	42	97	2	99	0	99	0	99	7153.73	112
Sep 2001	27	86	2	88	0	88	0	88	7153.73	112
WY 2001	771	735	55	790	0	790	1	791		
Oct 2001	30	60	2	62	0	62	0	62	7153.73	112
Nov 2001	30	29	3	32	0	32	0	32	7153.73	112
Dec 2001	29	30	3	33	0	33	0	33	7153.73	112
Jan 2002	28	42	3	45	0	45	0	45	7153.73	112
Feb 2002	26	36	4	40	0	40	0	40	7153.73	112
Mar 2002	37	75	4	79	0	79	0	79	7153.73	112
Apr 2002	85	85	11	96	0	96	0	96	7153.73	112
May 2002	239	84	24	108	0	108	0	108	7153.73	112
Jun 2002	302	24	22	46	0	46	0	46	7153.73	112
Jul 2002	136	87	7	94	0	94	0	94	7153.73	112
Aug 2002	70	105	4	109	0	109	0	109	7153.73	112
Sep 2002	41	105	3	108	0	108	0	108	7153.73	112
WY 2002	1053	762	90	852	0	852	0	852		
Oct 2002	39	88	3	91	0	91	0	91	7153.73	112
Nov 2002	34	70	3	73	0	73	0	73	7153.73	112
Dec 2002	29	74	3	77	0	77	0	77	7153.73	112
Jan 2003	28	66	3	69	0	69	0	69	7153.73	112
Feb 2003	26	59	4	63	0	63	0	63	7153.73	112
Mar 2003	37	83	4	87	0	87	0	87	7153.73	112
Apr 2003	85	86	11	96	0	96	0	96	7153.73	112
May 2003	239	102	24	126	0	126	0	126	7153.73	112
Jun 2003	302	40	22	62	0	62	0	62	7153.73	112

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 7/2001 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 2000	61	110	6	116	116	3	119	6743.90	14	61	59
H Aug 2000	45	120	6	126	127	0	127	6736.94	13	62	70
I Sep 2000	38	92	4	97	95	0	95	6742.37	14	55	45
WY 2000	922	1013	98	1112	1008	105	1113			384	693
S Oct 2000	33	71	4	75	75	0	75	6740.77	14	39	34
T Nov 2000	32	37	3	41	39	0	39	6745.16	15	0	39
O Dec 2000	29	39	4	43	43	0	43	6743.45	14	1	46
R Jan 2001	27	35	4	39	38	0	38	6747.45	15	1	40
I Feb 2001	26	29	3	32	21	13	34	6740.60	14	0	34
C Mar 2001	41	51	3	54	53	0	53	6745.02	15	10	43
A Apr 2001	77	79	9	87	84	1	85	6754.27	17	49	36
L May 2001	271	85	26	111	103	8	111	6751.43	17	59	52
* Jun 2001	177	78	14	92	95	0	95	6739.95	13	59	38
Jul 2001	62	100	4	104	102	0	102	6746.05	15	65	37
Aug 2001	45	99	3	102	102	0	102	6746.05	15	65	37
Sep 2001	30	88	3	91	91	0	91	6746.05	15	55	36
WY 2001	850	791	80	871	846	22	868			403	472
Oct 2001	35	62	5	67	67	0	67	6746.05	15	30	37
Nov 2001	35	32	5	36	36	0	36	6746.05	15	0	36
Dec 2001	33	33	4	37	37	0	37	6746.05	15	0	37
Jan 2002	33	45	5	50	50	0	50	6746.05	15	0	50
Feb 2002	30	40	4	44	44	0	44	6746.05	15	0	44
Mar 2002	42	79	5	84	84	0	84	6746.05	15	5	79
Apr 2002	101	96	16	112	112	0	112	6746.05	15	30	82
May 2002	275	108	36	144	116	28	144	6746.05	15	55	89
Jun 2002	368	46	66	112	112	0	112	6746.05	15	60	52
Jul 2002	158	94	22	116	116	0	116	6746.05	15	65	51
Aug 2002	77	109	7	116	116	0	116	6746.05	15	65	51
Sep 2002	45	108	4	112	112	0	112	6746.05	15	55	57
WY 2002	1232	852	179	1030	1002	28	1030			365	665
Oct 2002	45	91	6	97	97	0	97	6746.05	15	30	67
Nov 2002	39	73	5	78	78	0	78	6746.05	15	0	78
Dec 2002	33	77	4	81	81	0	81	6746.05	15	0	81
Jan 2003	33	69	5	74	74	0	74	6746.05	15	0	74
Feb 2003	30	63	4	67	67	0	67	6746.05	15	0	67
Mar 2003	42	87	5	92	92	0	92	6746.05	15	5	87
Apr 2003	101	96	16	112	112	0	112	6746.05	15	30	82
May 2003	275	126	36	162	116	46	162	6746.05	15	55	107
Jun 2003	368	62	66	128	112	16	128	6746.05	15	60	68

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 7/2001 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 2000	10	42	7644.02	73
H Aug 2000	8	36	7630.34	45
I Sep 2000	9	24	7620.46	30
WY 2000	176	226		
S Oct 2000	10	7	7622.67	33
T Nov 2000	8	2	7626.51	39
O Dec 2000	5	2	7628.75	43
R Jan 2001	5	2	7630.51	46
I Feb 2001	4	1	7632.06	48
C Mar 2001	7	10	7630.48	46
A Apr 2001	26	24	7631.27	47
L May 2001	108	45	7659.14	110
* Jun 2001	72	58	7664.10	123
Jul 2001	26	43	7657.65	106
Aug 2001	17	43	7647.06	80
Sep 2001	15	30	7640.34	65
WY 2001	303	267		
Oct 2001	12	18	7637.63	60
Nov 2001	7	7	7638.05	60
Dec 2001	6	5	7638.39	61
Jan 2002	5	4	7638.86	62
Feb 2002	4	3	7639.23	63
Mar 2002	7	4	7640.65	66
Apr 2002	20	22	7639.71	64
May 2002	65	41	7650.28	88
Jun 2002	78	41	7664.76	125
Jul 2002	32	43	7660.64	114
Aug 2002	18	41	7651.40	91
Sep 2002	16	28	7646.22	78
WY 2002	270	257		
Oct 2002	13	18	7643.93	73
Nov 2002	8	7	7644.38	74
Dec 2002	6	5	7644.69	75
Jan 2003	5	4	7645.13	76
Feb 2003	4	3	7645.46	77
Mar 2003	7	6	7646.00	78
Apr 2003	20	32	7640.60	66
May 2003	65	43	7650.24	88
Jun 2003	78	42	7664.17	123

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 7/2001 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 2000	-9	0	22	5	31	37	6067.63	1448	0
H Aug 2000	3	-2	31	4	27	53	6063.74	1396	0
I Sep 2000	8	172	23	3	17	43	6060.69	1357	0
WY 2000	453	207	460	32	149	485			751
S Oct 2000	12	0	10	2	2	39	6058.05	1323	0
T Nov 2000	21	0	15	1	0	30	6056.77	1307	71
O Dec 2000	17	0	13	1	0	31	6055.27	1289	68
R Jan 2001	16	0	13	1	0	31	6053.74	1270	0
I Feb 2001	21	0	18	1	0	28	6052.88	1260	70
C Mar 2001	72	2	73	2	2	31	6055.99	1298	96
A Apr 2001	176	20	158	2	11	30	6064.92	1412	0
L May 2001	398	51	285	4	20	138	6073.88	1535	0
* Jun 2001	221	30	173	5	31	196	6069.77	1477	357
Jul 2001	45	9	53	4	35	26	6068.86	1465	26
Aug 2001	35	3	59	3	32	31	6068.30	1457	31
Sep 2001	35	1	49	3	18	30	6068.19	1456	30
WY 2001	1069	116	919	29	151	641			749
Oct 2001	33	1	38	2	2	31	6068.43	1459	31
Nov 2001	29	0	28	1	0	30	6068.20	1456	30
Dec 2001	24	0	23	1	0	31	6067.55	1447	31
Jan 2002	22	0	21	1	0	31	6066.77	1436	31
Feb 2002	27	0	26	1	0	28	6066.59	1434	28
Mar 2002	87	1	83	1	3	31	6070.08	1482	31
Apr 2002	159	14	147	2	10	34	6077.15	1582	34
May 2002	279	31	224	3	26	200	6076.72	1576	200
Jun 2002	246	32	177	4	40	212	6071.22	1498	212
Jul 2002	71	9	72	4	35	31	6071.34	1499	31
Aug 2002	47	3	68	3	32	31	6071.44	1501	31
Sep 2002	38	1	49	3	18	30	6071.36	1499	30
WY 2002	1062	92	956	26	166	720			720
Oct 2002	35	1	39	2	2	149	6062.96	1386	149
Nov 2002	30	0	28	1	0	36	6062.33	1378	36
Dec 2002	24	0	23	1	0	31	6061.65	1369	31
Jan 2003	22	0	21	1	0	31	6060.83	1358	31
Feb 2003	27	0	26	1	0	28	6060.64	1356	28
Mar 2003	87	1	85	1	3	31	6064.48	1406	31
Apr 2003	159	14	157	2	10	34	6072.61	1517	34
May 2003	279	31	226	3	26	200	6072.32	1513	200
Jun 2003	246	32	179	4	40	212	6066.73	1436	212

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 7/2001 Most Prob Water Supply
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 2000	373	490	72	493	0	493	3682.12	18505	21569	514
H Aug 2000	163	370	80	495	0	495	3680.32	18563	21305	517
I Sep 2000	249	399	77	656	0	656	3677.80	18595	20939	672
WY 2000	7310	8134	585	9377	3	9380				8529
S Oct 2000	350	446	45	606	0	606	3676.50	18577	20753	0
T Nov 2000	381	421	38	803	0	803	3673.32	18608	20302	0
O Dec 2000	325	382	34	826	0	826	3669.89	18610	19823	0
R Jan 2001	307	363	23	850	0	850	3666.27	18595	19328	0
I Feb 2001	261	297	25	649	0	649	3664.01	18523	19023	0
C Mar 2001	454	416	23	650	0	650	3662.82	18425	18865	0
A Apr 2001	647	529	33	598	1	599	3662.49	18366	18821	0
L May 2001	1863	1510	45	602	0	602	3669.70	18253	19797	0
* Jun 2001	1359	1215	65	581	0	581	3673.02	18361	20259	584
Jul 2001	432	496	65	800	0	800	3670.57	18334	19918	0
Aug 2001	400	491	66	815	0	815	3667.96	18305	19557	0
Sep 2001	350	438	57	451	0	451	3667.48	18300	19493	0
WY 2001	7129	7004	519	8231	1	8232				584
Oct 2001	449	486	51	600	0	600	3666.36	18288	19340	0
Nov 2001	477	482	42	600	0	600	3665.27	18276	19192	0
Dec 2001	428	449	35	800	0	800	3662.59	18247	18834	0
Jan 2002	383	416	26	850	0	850	3659.36	18213	18408	0
Feb 2002	414	424	24	800	0	800	3656.50	18183	18038	0
Mar 2002	605	565	30	800	0	800	3654.58	18164	17793	0
Apr 2002	1007	822	34	600	0	600	3655.94	18178	17967	0
May 2002	2239	1996	47	800	0	800	3664.06	18263	19030	0
Jun 2002	2968	2499	57	800	0	800	3675.08	18384	20551	0
Jul 2002	1521	1321	66	1150	0	1150	3675.76	18392	20648	0
Aug 2002	608	661	67	1200	0	1200	3671.78	18347	20086	0
Sep 2002	480	590	58	925	0	925	3669.16	18318	19722	0
WY 2002	11579	10711	537	9925	0	9925				0
Oct 2002	548	753	52	600	0	600	3669.84	18326	19816	0
Nov 2002	524	614	43	650	0	650	3669.31	18320	19743	0
Dec 2002	428	546	36	850	0	850	3667.01	18295	19428	0
Jan 2003	383	493	27	1000	0	1000	3663.34	18255	18934	0
Feb 2003	414	495	25	850	0	850	3660.69	18227	18583	0
Mar 2003	605	630	31	800	0	800	3659.27	18212	18397	0
Apr 2003	1007	873	35	700	0	700	3660.25	18222	18525	0
May 2003	2239	2014	48	800	0	800	3668.30	18309	19604	0
Jun 2003	2968	2515	58	900	0	900	3678.54	18424	21046	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 2000		493	19	117	1001	16.3	36	982	1489	1199.97	22912
H Aug 2000		495	80	122	926	15.1	34	897	1458	1196.66	22435
I Sep 2000		656	58	100	577	9.7	28	539	1459	1196.72	22444
WY 2000		9380	608	969	10993		317	10234			
S Oct 2000		606	79	73	588	9.6	33	513	1458	1196.66	22435
T Nov 2000		803	38	73	777	13.1	23	734	1456	1196.45	22405
O Dec 2000		826	70	63	862	14.0	21	829	1453	1196.12	22358
R Jan 2001		850	80	51	688	11.2	15	657	1464	1197.27	22523
I Feb 2001		649	84	47	770	13.9	15	769	1458	1196.62	22430
C Mar 2001		650	99	53	975	15.8	16	936	1440	1194.68	22154
A Apr 2001		599	41	65	1137	19.1	24	1136	1404	1190.76	21603
L May 2001		602	32	73	1029	16.7	38	1021	1373	1187.32	21127
* Jun 2001		581	10	87	1079	18.1	32	1079	1336	1183.12	20557
Jul 2001		800	68	107	977	15.9	32	977	1321	1181.38	20325
Aug 2001		815	83	113	885	14.4	32	885	1313	1180.45	20200
Sep 2001		451	71	93	486	8.2	30	486	1308	1179.83	20118
WY 2001		8232	755	898	10253		311	10023			
Oct 2001		600	62	68	445	7.2	30	445	1315	1180.67	20230
Nov 2001		600	60	68	709	11.9	21	709	1307	1179.70	20101
Dec 2001		800	77	58	809	13.2	16	809	1306	1179.66	20096
Jan 2002		850	73	48	752	12.2	13	752	1313	1180.44	20199
Feb 2002		800	98	44	755	13.6	11	755	1318	1181.06	20282
Mar 2002		800	84	49	1066	17.3	19	1066	1303	1179.30	20048
Apr 2002		600	58	60	1152	19.4	24	1152	1268	1175.13	19505
May 2002		800	78	68	1011	16.4	30	1011	1254	1173.44	19287
Jun 2002		800	39	81	961	16.2	30	961	1239	1171.71	19068
Jul 2002		1150	68	102	911	14.8	30	911	1250	1173.01	19232
Aug 2002		1200	83	109	822	13.4	30	822	1270	1175.36	19534
Sep 2002		925	71	91	679	11.4	28	679	1282	1176.79	19720
WY 2002		9925	851	846	10072		282	10073			
Oct 2002		600	62	66	533	8.7	28	533	1284	1177.03	19751
Nov 2002		650	60	66	687	11.5	20	687	1280	1176.58	19693
Dec 2002		850	77	57	774	12.6	15	774	1285	1177.16	19768
Jan 2003		1000	73	47	784	12.8	13	784	1299	1178.81	19984
Feb 2003		850	98	44	721	13.0	11	721	1309	1180.04	20146
Mar 2003		800	84	49	1065	17.3	19	1065	1294	1178.27	19913
Apr 2003		700	58	60	1151	19.3	24	1151	1265	1174.82	19465
May 2003		800	78	68	1011	16.4	30	1011	1251	1173.13	19248
Jun 2003		900	39	82	961	16.1	30	961	1243	1172.15	19123

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 7/2001 Most Prob Water Supply
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 2000	1001	-38	993	0	993	16.2	641.95	1670
H Aug 2000	926	-44	842	0	842	13.7	643.42	1710
I Sep 2000	577	-18	746	0	746	12.5	636.42	1523
WY 2000	10993	-299	10460	222	10682			
S Oct 2000	588	-16	746	0	746	12.1	629.58	1348
T Nov 2000	777	-22	631	0	631	10.6	634.44	1471
O Dec 2000	862	-32	693	0	693	11.3	639.66	1609
R Jan 2001	688	-6	610	0	612	10.0	642.26	1678
I Feb 2001	770	-17	774	0	774	13.9	641.48	1657
C Mar 2001	975	-57	864	0	864	14.0	643.43	1711
A Apr 2001	1137	-44	1069	0	1069	18.0	644.27	1734
L May 2001	1029	-17	1066	0	1066	17.3	642.30	1680
* Jun 2001	1079	-32	1036	0	1036	17.4	642.72	1691
Jul 2001	977	-29	982	0	982	16.0	641.46	1657
Aug 2001	885	-35	811	0	811	13.2	642.90	1696
Sep 2001	486	-31	587	0	587	9.9	638.00	1564
WY 2001	10253	-338	9869	0	9871			
Oct 2001	445	-30	608	0	608	9.9	630.49	1371
Nov 2001	709	-28	592	0	592	9.9	634.00	1460
Dec 2001	809	-28	658	0	658	10.7	638.71	1583
Jan 2002	752	-32	637	0	637	10.4	641.80	1666
Feb 2002	755	-26	696	0	696	12.5	643.01	1699
Mar 2002	1066	-29	1037	0	1037	16.9	643.01	1699
Apr 2002	1152	-36	1116	0	1116	18.8	643.01	1699
May 2002	1011	-33	978	0	978	15.9	643.01	1699
Jun 2002	961	-28	961	0	961	16.2	641.98	1671
Jul 2002	911	-29	962	0	962	15.6	639.01	1591
Aug 2002	822	-35	800	0	800	13.0	638.50	1577
Sep 2002	679	-31	661	0	661	11.1	638.00	1564
WY 2002	10072	-365	9706	0	9706			
Oct 2002	533	-30	697	0	697	11.3	630.49	1371
Nov 2002	687	-28	570	0	570	9.6	634.00	1460
Dec 2002	774	-28	623	0	623	10.1	638.71	1583
Jan 2003	784	-32	636	0	636	10.3	643.01	1699
Feb 2003	721	-26	695	0	695	12.5	643.01	1699
Mar 2003	1065	-29	1036	0	1036	16.8	643.01	1699
Apr 2003	1151	-36	1115	0	1115	18.7	643.01	1699
May 2003	1011	-33	978	0	978	15.9	643.01	1699
Jun 2003	961	-28	961	0	961	16.1	641.98	1671

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 7/2001 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 2000	993	-4	833	13.5	112	60	447.79	576	164	2.7
H Aug 2000	842	14	670	10.9	111	56	448.78	595	134	2.2
I Sep 2000	746	-5	620	10.4	107	42	447.25	566	131	2.2
WY 2000	10682	-24	8019		1299	1353			2425	
S Oct 2000	746	3	563	9.2	110	55	448.38	588	174	2.8
T Nov 2000	631	10	431	7.2	105	150	445.93	542	155	2.6
O Dec 2000	693	20	408	6.6	109	189	446.26	547	175	2.9
R Jan 2001	612	23	336	5.5	99	191	446.74	556	166	2.7
I Feb 2001	774	4	472	8.5	98	171	448.67	593	161	2.9
C Mar 2001	864	10	599	9.7	106	176	448.25	585	242	3.9
A Apr 2001	1069	1	790	13.3	105	167	448.72	594	200	3.4
L May 2001	1066	-22	791	12.9	109	164	447.64	573	111	1.8
* Jun 2001	1036	-2	782	13.1	106	128	448.53	590	120	2.0
Jul 2001	982	-9	795	12.9	110	80	447.85	578	126	2.0
Aug 2001	811	1	639	10.4	111	64	447.75	576	96	1.6
Sep 2001	587	8	500	8.4	85	28	446.77	557	89	1.5
WY 2001	9871	47	7106		1253	1563			1815	
Oct 2001	608	11	467	7.6	111	51	446.27	548	74	1.2
Nov 2001	592	17	338	5.7	107	170	445.97	543	79	1.3
Dec 2001	658	0	375	6.1	111	176	445.78	539	137	2.2
Jan 2002	637	-6	370	6.0	101	160	445.78	539	101	1.6
Feb 2002	696	10	460	8.3	100	146	445.78	539	146	2.6
Mar 2002	1037	12	790	12.8	111	131	446.66	555	187	3.0
Apr 2002	1116	0	840	14.1	107	131	448.69	594	171	2.9
May 2002	978	-2	760	12.4	111	87	449.61	611	181	2.9
Jun 2002	961	-7	760	12.8	107	87	449.61	611	183	3.1
Jul 2002	962	-9	785	12.8	111	87	447.98	580	148	2.4
Aug 2002	800	1	635	10.3	88	87	447.48	570	110	1.8
Sep 2002	661	8	510	8.6	85	87	446.77	557	89	1.5
WY 2002	9706	35	7090		1250	1400			1606	
Oct 2002	697	11	460	7.5	111	146	446.27	548	55	0.9
Nov 2002	570	17	325	5.5	107	160	445.97	543	65	1.1
Dec 2002	623	0	370	6.0	111	146	445.78	539	65	1.1
Jan 2003	636	-6	370	6.0	101	159	445.78	539	101	1.6
Feb 2003	695	10	460	8.3	100	145	445.78	539	146	2.6
Mar 2003	1036	12	790	12.8	111	130	446.66	555	187	3.0
Apr 2003	1115	0	840	14.1	107	130	448.68	593	171	2.9
May 2003	978	-2	760	12.4	111	87	449.61	611	181	2.9
Jun 2003	961	-7	760	12.8	107	87	449.61	611	183	3.1

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 7/2001 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 2000		1001	16.3	1199.97	22912	-602	0.00	2062.0	479.5	100	479.0
H Aug 2000		926	15.1	1196.66	22435	-476	0.00	1938.0	434.8	94	469.4
I Sep 2000		577	9.7	1196.72	22444	9	0.00	2062.0	263.2	100	455.8
WY 2000		10993							5308.3		
S Oct 2000		588	9.6	1196.66	22435	-9	0.00	1546.0	271.8	75	462.0
T Nov 2000		777	13.1	1196.45	22405	-30	0.00	1670.0	367.0	81	472.5
O Dec 2000		862	14.0	1196.12	22358	-47	0.00	1670.0	373.8	81	433.6
R Jan 2001		688	11.2	1197.27	22523	164	0.00	1423.0	326.7	69	474.6
I Feb 2001		770	13.9	1196.62	22430	-93	0.00	1670.0	373.0	81	484.3
C Mar 2001		975	15.8	1194.68	22154	-276	0.00	1670.0	467.6	81	479.8
A Apr 2001		1137	19.1	1190.76	21603	-551	0.00	1670.0	547.3	81	481.3
L May 2001		1029	16.7	1187.32	21127	-476	0.00	1938.0	483.8	94	470.0
* Jun 2001		1079	18.1	1183.12	20557	-570	0.00	2062.0	506.6	100	469.3
Jul 2001		977	15.9	1181.38	20325	-233	528.98	2055.0	455.4	100	466.3
Aug 2001		885	14.4	1180.45	20200	-124	527.58	2055.0	414.8	100	468.6
Sep 2001		486	8.2	1179.83	20118	-82	527.94	2055.0	219.3	100	451.0
WY 2001		10254							4807.1		
Oct 2001		445	7.2	1180.67	20230	112	532.78	1664.6	199.0	81	447.1
Nov 2001		709	11.9	1179.70	20101	-129	535.20	1664.6	330.1	81	465.5
Dec 2001		809	13.2	1179.66	20096	-6	530.85	1931.7	377.4	94	466.4
Jan 2002		752	12.2	1180.44	20199	104	531.45	1417.9	352.7	69	468.8
Feb 2002		755	13.6	1181.06	20282	83	530.74	1417.9	359.0	69	475.6
Mar 2002		1066	17.3	1179.30	20048	-234	529.76	1417.9	509.1	69	477.8
Apr 2002		1152	19.4	1175.13	19505	-543	525.34	1685.1	548.3	82	475.8
May 2002		1011	16.4	1173.44	19287	-218	521.73	1808.4	463.7	88	458.5
Jun 2002		961	16.2	1171.71	19068	-220	519.02	2055.0	434.0	100	451.4
Jul 2002		911	14.8	1173.01	19232	165	520.12	2055.0	414.4	100	455.0
Aug 2002		822	13.4	1175.36	19534	302	523.09	2055.0	378.6	100	460.8
Sep 2002		679	11.4	1176.79	19720	185	525.32	2055.0	306.7	100	451.5
WY 2002		10073							4673.0		
Oct 2002		533	8.7	1177.03	19751	32	530.10	1541.2	237.7	75	445.6
Nov 2002		687	11.5	1176.58	19693	-59	532.47	1541.2	318.0	75	463.0
Dec 2002		774	12.6	1177.16	19768	76	530.83	1417.9	364.2	69	470.4
Jan 2003		784	12.8	1178.81	19984	215	528.98	1417.9	368.5	69	469.9
Feb 2003		721	13.0	1180.04	20146	162	527.66	1664.6	336.0	81	466.3
Mar 2003		1065	17.3	1178.27	19913	-233	527.39	1664.6	499.8	81	469.5
Apr 2003		1151	19.3	1174.82	19465	-448	525.45	1541.2	551.7	75	479.2
May 2003		1011	16.4	1173.13	19248	-217	522.20	1664.6	466.5	81	461.5
Jun 2003		961	16.1	1172.15	19123	-125	519.08	2055.0	433.7	100	451.4

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 7/2001 Most Prob Water Supply
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 2000		993	16.2	641.95	1670	-30	0.00	240.0	124.1	100	124.9
H Aug 2000		842	13.7	643.42	1710	40	0.00	240.0	106.0	100	125.9
I Sep 2000		746	12.5	636.42	1523	-188	0.00	211.0	92.0	88	123.3
WY 2000		10460							1288.0		
S Oct 2000		746	12.1	629.58	1348	-174	0.00	194.0	86.6	81	116.1
T Nov 2000		631	10.6	634.44	1471	123	0.00	158.0	74.0	66	117.3
O Dec 2000		693	11.3	639.66	1609	137	0.00	163.0	84.8	68	122.4
R Jan 2001		610	9.9	642.26	1678	70	0.00	192.0	76.7	80	125.7
I Feb 2001		774	13.9	641.48	1657	-21	0.00	192.0	97.2	80	125.6
C Mar 2001		864	14.0	643.43	1711	53	0.00	194.0	111.2	81	128.8
A Apr 2001		1069	18.0	644.27	1734	23	0.00	240.0	136.0	100	127.2
L May 2001		1066	17.3	642.30	1680	-54	0.00	240.0	135.1	100	126.7
* Jun 2001		1036	17.4	642.72	1691	11	0.00	240.0	128.8	100	124.4
Jul 2001		982	16.0	641.46	1657	-34	135.09	240.0	111.1	100	113.2
Aug 2001		811	13.2	642.90	1696	39	135.19	240.0	91.5	100	112.8
Sep 2001		587	9.9	638.00	1564	-132	133.36	240.0	64.8	100	110.5
WY 2001		9869							1198.0		
Oct 2001		608	9.9	630.49	1371	-193	128.32	192.0	65.1	80	107.0
Nov 2001		592	9.9	634.00	1460	89	126.46	184.8	62.5	77	105.6
Dec 2001		658	10.7	638.71	1583	123	131.54	163.2	72.3	68	109.9
Jan 2002		637	10.4	641.80	1666	83	134.62	192.0	71.3	80	111.9
Feb 2002		696	12.5	643.01	1699	33	136.83	192.0	79.1	80	113.6
Mar 2002		1037	16.9	643.01	1699	0	137.37	194.4	118.6	81	114.4
Apr 2002		1116	18.8	643.01	1699	0	136.05	240.0	127.6	100	114.3
May 2002		978	15.9	643.01	1699	0	136.05	240.0	111.5	100	113.9
Jun 2002		961	16.2	641.98	1671	-28	135.51	240.0	109.2	100	113.6
Jul 2002		962	15.6	639.01	1591	-80	133.41	240.0	107.5	100	111.8
Aug 2002		800	13.0	638.50	1577	-13	131.57	240.0	87.9	100	109.9
Sep 2002		661	11.1	638.00	1564	-13	131.05	240.0	72.2	100	109.1
WY 2002		9708							1084.8		
Oct 2002		697	11.3	630.49	1371	-193	128.32	192.0	74.7	80	107.3
Nov 2002		570	9.6	634.00	1460	89	126.46	184.8	60.1	77	105.6
Dec 2002		623	10.1	638.71	1583	123	131.54	163.2	68.4	68	109.7
Jan 2003		636	10.3	643.01	1699	116	135.25	192.0	71.5	80	112.4
Feb 2003		695	12.5	643.01	1699	0	137.91	177.6	79.0	74	113.8
Mar 2003		1036	16.8	643.01	1699	0	137.29	196.8	118.5	82	114.4
Apr 2003		1115	18.7	643.01	1699	0	136.05	240.0	127.5	100	114.3
May 2003		978	15.9	643.01	1699	0	136.05	240.0	111.4	100	113.9
Jun 2003		961	16.1	641.98	1671	-28	135.51	240.0	109.1	100	113.6

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 7/2001 Most Prob Water Supply
Parker Dam - Lake Havasu

10-jul-2001 14:10:00

	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 2000	833	13.5	447.79	576	-17	0.00	120.0	54.1	100	65.0
H Aug 2000	670	10.9	448.78	595	19	0.00	120.0	43.3	100	64.6
I Sep 2000	620	10.4	447.25	566	-29	0.00	114.0	40.2	95	64.9
WY 2000	8021							518.8		
S Oct 2000	563	9.2	448.38	588	21	0.00	92.0	37.3	77	66.3
T Nov 2000	431	7.2	445.93	542	-46	0.00	94.0	28.3	78	65.6
O Dec 2000	408	6.6	446.26	547	6	0.00	102.0	26.4	85	64.6
R Jan 2001	336	5.5	446.74	556	9	0.00	120.0	21.6	100	64.4
I Feb 2001	472	8.5	448.67	593	36	0.00	120.0	30.4	100	64.4
C Mar 2001	599	9.7	448.25	585	-8	0.00	120.0	39.4	100	65.8
A Apr 2001	790	13.3	448.72	594	9	0.00	120.0	51.8	100	65.6
L May 2001	791	12.9	447.64	573	-21	0.00	120.0	51.6	100	65.3
* Jun 2001	782	13.1	448.53	590	17	0.00	120.0	50.8	100	65.0
Jul 2001	795	12.9	447.85	578	-13	75.56	120.0	49.1	100	61.8
Aug 2001	639	10.4	447.75	576	-2	75.17	120.0	37.3	100	58.3
Sep 2001	500	8.4	446.77	557	-18	74.96	112.8	27.3	94	54.6
WY 2001	7106							451.4		
Oct 2001	467	7.6	446.27	548	-9	75.22	92.4	25.1	77	53.8
Nov 2001	338	5.7	445.97	543	-6	74.77	93.6	15.3	78	45.4
Dec 2001	375	6.1	445.78	539	-4	74.05	103.2	17.5	86	46.8
Jan 2002	370	6.0	445.78	539	0	73.21	120.0	16.8	100	45.4
Feb 2002	460	8.3	445.78	539	0	73.21	120.0	24.4	100	53.0
Mar 2002	790	12.8	446.66	555	16	73.64	120.0	47.7	100	60.4
Apr 2002	840	14.1	448.69	594	38	75.06	120.0	52.6	100	62.6
May 2002	760	12.4	449.61	611	18	76.49	120.0	47.0	100	61.8
Jun 2002	760	12.8	449.61	611	0	76.94	120.0	47.6	100	62.6
Jul 2002	785	12.8	447.98	580	-31	76.15	120.0	48.7	100	62.0
Aug 2002	635	10.3	447.48	570	-10	75.11	120.0	36.9	100	58.2
Sep 2002	510	8.6	446.77	557	-13	74.83	112.8	28.0	94	54.9
WY 2002	7089							407.7		
Oct 2002	460	7.5	446.27	548	-9	75.22	92.4	24.6	77	53.5
Nov 2002	325	5.5	445.97	543	-6	74.77	93.6	14.3	78	44.1
Dec 2002	370	6.0	445.78	539	-4	74.05	103.2	17.2	86	46.4
Jan 2003	370	6.0	445.78	539	0	73.21	120.0	16.8	100	45.4
Feb 2003	460	8.3	445.78	539	0	73.21	120.0	24.4	100	53.0
Mar 2003	790	12.8	446.66	555	16	73.64	120.0	47.7	100	60.4
Apr 2003	840	14.1	448.68	593	38	75.05	120.0	52.6	100	62.6
May 2003	760	12.4	449.61	611	18	76.49	120.0	47.0	100	61.8
Jun 2003	760	12.8	449.61	611	0	76.94	120.0	47.6	100	62.6

OPERATION PLAN FOR COLORADO RIVER SYSTYM RESERVOIRS

Bureau of Reclamation - CRFS 7/2001 Most Prob Water Supply

Tue Jul 10 14:24:55 2001

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 2000	243	28	33	40	21	5
H Aug 2000	242	28	35	44	22	5
I Sep 2000	320	25	27	33	18	5
Summer 2000	806	82	95	116	61	15
S Oct 2000	295	22	19	25	14	4
T Nov 2000	389	21	9	13	6	3
O Dec 2000	398	22	10	14	7	4
R Jan 2001	407	21	9	12	5	3
I Feb 2001	309	19	7	9	3	3
C Mar 2001	308	22	13	16	9	0
Winter 2001	2104	125	67	88	44	16
A Apr 2001	284	22	21	27	16	2
L May 2001	286	53	20	31	20	4
* Jun 2001	280	21	21	28	18	3
Jul 2001	362	18	28	36	19	3
Aug 2001	367	18	29	36	19	3
Sep 2001	202	17	25	32	17	3
Summer 2001	1781	149	144	190	110	18
Oct 2001	269	18	17	22	13	3
Nov 2001	269	17	8	11	7	3
Dec 2001	357	18	9	12	7	3
Jan 2002	377	18	12	16	9	3
Feb 2002	353	16	10	14	8	2
Mar 2002	352	24	21	28	16	4
Winter 2002	1977	110	78	105	60	17
Apr 2002	264	27	24	35	21	6
May 2002	354	73	24	39	22	6
Jun 2002	360	80	7	17	21	8
Jul 2002	523	37	27	34	22	10
Aug 2002	544	37	33	39	22	10
Sep 2002	417	36	33	39	21	7
Summer 2002	2463	292	147	202	129	46
Oct 2002	271	37	27	33	18	7
Nov 2002	293	36	21	26	15	6
Dec 2002	382	37	22	28	15	6
Jan 2003	447	37	19	25	14	6
Feb 2003	378	34	17	23	13	5
Mar 2003	354	45	24	31	17	5
Winter 2003	2124	227	130	166	92	35
Apr 2003	310	46	24	35	21	5
May 2003	357	73	29	45	22	6
Jun 2003	408	81	12	22	21	8

model_run_id = 889

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 * * * *							* * * * E F F E C T I V E S P A C E * * * *										
JUL	2001	886	156	219	4061	5321	6823	12144	1	-39	27	-11	4061	6823	10872	1500	977	0	48.0
		* * * * C R E D I T A B L E S P A C E * * * *																	
AUG	2001	899	185	231	4402	5718	7055	12773	899	185	231	1316	4402	7055	12773	1500	885	0	47.5
SEP	2001	914	234	239	4763	6150	7180	13330	914	234	239	1387	4763	7180	13330	2270	486	0	47.1
OCT	2001	936	291	240	4827	6295	7262	13556	936	291	240	1467	4827	7262	13556	3040	445	0	46.8
NOV	2001	946	321	237	4980	6484	7150	13633	946	321	237	1504	4980	7150	13633	3810	709	0	46.6
DEC	2001	951	323	240	5128	6642	7279	13920	951	323	240	1514	5128	7279	13920	4580	809	0	46.3
JAN	2002	962	327	249	5486	7024	7284	14308	962	327	249	1538	5486	7284	14308	5350	752	0	46.0
		* * * * E F F E C T I V E S P A C E * * * *																	
JAN	2002	962	327	249	5486	7024	7284	14308	628	327	182	1137	5486	7284	13907	5350	752	0	46.0
FEB	2002	971	344	260	5912	7486	7181	14667	635	344	192	1171	5912	7181	14263	1500	755	0	45.8
MAR	2002	969	357	262	6282	7870	7098	14968	630	357	194	1181	6282	7098	14561	1500	1066	0	45.3
APR	2002	945	399	214	6527	8086	7332	15418	600	399	142	1141	6527	7332	15001	1500	1152	0	45.2
MAY	2002	860	411	114	6353	7738	7875	15612	505	411	30	945	6353	7875	15173	1500	1011	0	46.3
JUN	2002	781	299	120	5290	6490	8093	14582	414	298	6	718	5290	8093	14100	1500	961	0	47.9
JUL	2002	548	67	198	3769	4583	8312	12895	163	42	41	246	3769	8312	12328	1500	911	0	48.3
		* * * * C R E D I T A B L E S P A C E * * * *																	
AUG	2002	404	28	197	3672	4301	8148	12449	404	28	197	629	3672	8148	12449	1500	822	0	47.9
SEP	2002	412	60	195	4234	4902	7846	12747	412	60	195	667	4234	7846	12747	2270	679	0	47.6
OCT	2002	454	119	197	4598	5367	7660	13028	454	119	197	769	4598	7660	13028	3040	533	0	47.3
NOV	2002	496	165	310	4504	5475	7629	13104	496	165	310	971	4504	7629	13104	3810	687	0	47.2
DEC	2002	543	201	318	4577	5640	7687	13327	543	201	318	1063	4577	7687	13327	4580	774	0	47.0
JAN	2003	607	248	327	4892	6073	7612	13685	607	248	327	1182	4892	7612	13685	5350	784	0	46.7
		* * * * E F F E C T I V E S P A C E * * * *																	
JAN	2003	607	248	327	4892	6073	7612	13685	386	248	202	835	4892	7612	13338	5350	784	0	46.7
FEB	2003	669	287	338	5386	6679	7396	14075	446	287	212	944	5386	7396	13727	1500	721	0	46.4
MAR	2003	714	322	340	5737	7113	7234	14347	489	322	213	1024	5737	7234	13995	1500	1065	0	46.0
APR	2003	746	370	290	5923	7329	7467	14796	516	370	160	1045	5923	7467	14436	1500	1151	0	45.8
MAY	2003	711	382	179	5795	7066	7915	14981	472	382	36	890	5795	7915	14600	1500	1011	0	46.9
JUN	2003	632	282	183	4716	5813	8132	13945	381	282	11	674	4716	8132	13522	1500	961	0	48.6