RECLAMATION
Managing Water in the West

BUREAU OF RECLAMATION
LOWER COLORADO REGION
BOULDER CITY, NEVADA

ACCUMULATIONS FOR JUNE 2003

	GLEN CANYON		HOOVER DAM						DAVIS DAM					MWD		PARKER DAM					C.A.P.	
DAY	CFS	ACCUM. A.F.	LAKE MEAD ELEV.	HOOVER CFS	RELEASE A.F.	ACCUM.	GROSS GEN	RATE KWH/AF	LAKE MOHAVE ELEV	CFS	DAVIS RELEASE A.F.	ACCUM.	GROSS GEN	DIVER. A.F.	AT INTAKE ACCUM.	LAKE HAVASU ELEV	CFS	PARKER RELEASE A.F.	ACCUM.	GROSS GEN.	DIVER. A.F.	ACCUM. A.F.
1	10000	19835	1144.68	10817	21456	21456	9074	423	643.33	14850	29452	29452	3692	1043	1043	448.77	12960	25710	25710	1710	5904	5904
2	15000	49587	1144.63	12985	25756	47211	11005	427	643.30	13020	25816	55268	3218	1052	2095	449.09	7950	15766	41476	1067	5543	11446
3	15000	79339	1144.65	9742	19324	66535	8133	421	643.06	13280	26340	81608	3277	1585	3680	448.63	13830	27428	68904	1817	5491	16937
4	14900	108893	1144.61	11876	23556	90091	9916	421	642.74	14880	29520	111128	3693	1559	5239	448.37	12000	23798	92702	1573	5195	22132
5	15000	138645	1144.71	12053	23908	113998	10064	421	642.40	16400	32524	143652	4051	1570	6809	448.50	10480	20785	113487	1380	5159	27291
6	15000	168397	1144.52	20227	40119	154118	17512	436	642.65	16770	33273	176925	4144	1606	8415	448.70	10790	21411	134898	1424	5361	32651
7	14200	196562	1144.52	15115	29980	184097	12869	429	642.48	17200	34114	211039	4246	1515	9930	448.47	15320	30393	165291	1924	5709	38360
8	10100	216595	1144.48	16444	32616	216713	14116	433	642.33	17370	34451	245490	4284	1559	11488	448.46	12610	25009	190300	1649	6042	44402
9	15000	246347	1144.44	14308	28380	245092	12087	426	642.12	17930	35555	281045	4428	1532	13020	448.47	13990	27741	218041	1834	4798	49200
10	15000	276099	1144.40	12812	25412	270504	10889	429	641.99	14250	28256	309301	3502	1032	14052	448.52	12510	24820	242861	1642	5126	54325
11	15000	305851	1144.28	8607	17071	287575	14190	831	642.00	14680	29116	338417	3621	1032	15084	448.55	10480	20779	263640	1381	5425	59750
12	15000	335603	1144.18	17521	34751	322327	15033	433	642.04	14830	29424	367841	3639	1038	16122	448.88	9480	18802	282442	1255	5432	65182
13	15000	365355	1144.04	21699	43039	365366	18852	438	642.53	14560	28876	396717	3564	1032	17154	449.04	10010	19862	302304	1323	5400	70581
14	14100	393322	1143.93	20033	39735	405101	17335	436	642.85	14750	29260	425977	3634	1034	18188	449.03	12010	23813	326117	1587	5393	75974
15	10100	413355	1143.88	17004	33728	438829	14606	433	642.90	15360	30460	456437	3795	1036	19224	448.94	12060	23921	350038	1573	5395	81369
16	15000	443107	1143.73	21392	42431	481260	18596	438	643.31	15350	30440	486877	3782	1030	20254	448.80	13020	25818	375856	1712	5390	86759
17	15100	473058	1143.65	16288	32308	513568	13885	430	643.31	16660	33036	519913	4060	1029	21283	448.62	13520	26811	402667	1770	5125	91883
18	15100	503008	1143.60	15002	29756	543323	12765	429	643.27	15880	31500	551413	3929	1037	22320	448.56	12400	24604	427271	1621	5218	97101
19	15100	532959	1143.66	10035	19904	563227	8157	410	642.68	16040	31816	583229	3955	1022	23342	448.78	11020	21850	449121	1456	5299	102400
20	15100	562909	1143.70	9934	19704	582931	8126	412	642.27	14600	28960	612189	3584	1027	24369	448.87	10980	21780	470901	1449	5190	107590
21	14200	591074	1143.79	8157	16180	599111	6554	405	641.74	14970	29696	641885	3677	1028	25397	448.68	12510	24822	495723	1647	5526	113115
22	10000	610909	1143.78	14131	28028	627138	12005	428	641.58	16490	32712	674597	4051	1024	26421	448.65	12000	23806	519529	1577	5403	118518
23	14900	640463	1143.72	15109	29968	657106	12965	433	641.46	15750	31240	705837	3860	1022	27443	448.68	12000	23809	543338	1580	5068	123586
24	15200	670611	1143.54	21092	41835	698941	18177	434	641.95	15540	30819	736656	3761	1025	28468	448.42	15380	30512	573850	2010	4611	128197
25	15300	700959	1143.40	19682	39039	737980	16836	431	642.42	11230	22276	758932	2776	1008	29476	448.69	10300	20430	594280	1356	2926	131122
26	15300	731306	1143.31	18198	36095	774076	15578	432	642.73	13450	26684	785616	3359	1017	30492	448.85	8600	17068	611348	1151	2942	134064
27	15300	761653	1143.27	17057	33832	807907	14680	434	642.75	14710	29176	814792	3643	1022	31514	448.86	11230	22271	633619	1484	2429	136493
28	15200	791802	1143.25	14909	29572	837479	12817	433	642.74	15120	30000	844792	3742	1016	32530	448.82	12960	25707	659326	1701	2463	138956
29	10200	812033	1143.21	14631	29020	866499	12492	430	642.78	14480	28720	873512	3569	1017	33547	448.80	13010	25803	685129	1712	2450	141406
30	15200	842182	1143.19	18081	35863	902362	15456	431	642.89	15670	31080	904592	3861	1019	34566	448.57	15150	30041	715170	1904	2455	143861
TOTAL							394770						112397							47266		

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AVAILABLE RESERVOIR ELEVATIONS AND CONTENTS FOR JUNE 2003

	LAKE MEAD	LAKE MOHAVE	LAKE HAVASU	SENATOR WASH
AVAILABLE CAPACITY IN A.F.	*25877000	1809800	619400	9144
ELEVATION IN FEET	1219.6	647.0	450.0	240.0

DAY	TOTAL SYSTEM STORAGE**	TOTAL AVAILABLE SPACE	HOOVER ELEVATION FEET	HOOVER CONTENT 1000A.F.	HOOVER RELEASE ft3/s	DAVIS ELEVATION FEET	DAVIS CONTENT 1000A.F.	DAVIS RELEASE ft3/s	PARKER ELEVATION FEET	PARKER CONTENT 1000A.F.	PARKER RELEASE ft3/s	SENATOR WASH ELEVATION FEET	SENATOR WASH CONTENT A.F.	SENATOR WASH PUMPED ft3/s	SENATOR WASH RELEASE ft3/s
1	35261.2	25620.9	1144.68	15893	10800	643.33	1707.7	14800	448.77	594.9	13000	236.65	7919	97	18
2	35345.8	25536.3	1144.63	15888	13000	643.30	1706.8	13000	449.09	601.3	7950	233.59	6884	0	510
3	35423.3	25458.8	1144.65	15890	9740	643.06	1700.4	13300	448.63	592.2	13800	238.95	8750	1100	0
4	35492.1	25389.9	1144.61	15886	11900	642.74	1691.7	14900	448.37	587.2	12000	236.80	7971	113	562
5	35567.5	25314.6	1144.71	15897	12100	642.40	1682.4	16400	448.50	589.6	10500	230.34	5876	0	1092
6	35629.5	25252.6	1144.52	15876	20200	642.65	1689.1	16800	448.70	593.5	10800	225.40	4518	0	671
7	35686.0	25196.1	1144.52	15876	15100	642.48	1684.6	17200	448.47	589.2	15300	223.07	3948	0	239
8	35735.8	25146.2	1144.48	15872	16400	642.33	1680.3	17400	448.46	588.9	12600	225.02	4421	264	0
9	35764.4	25117.7	1144.44	15868	14300	642.12	1674.7	17900	448.47	589.1	14000	221.52	3594	126	515
10	35783.4	25098.6	1144.40	15863	12800	641.99	1671.2	14200	448.52	590.1	12500	229.50	5630	1069	0
11	35796.1	25086.0	1144.28	15850	8610	642.00	1671.5	14700	448.55	590.6	10500	234.56	7203	874	0
12	35815.1	25067.0	1144.18	15839	17500	642.04	1672.5	14800	448.88	597.1	9480	234.82	7290	128	0
13	35830.7	25051.4	1144.04	15824	21700	642.53	1685.8	14600	449.04	600.2	10000	234.81	7282	80	0
14	35847.0	25035.1	1143.93	15812	20000	642.85	1694.7	14800	449.03	599.9	12000	231.01	6075	0	581
15	35862.8	25019.2	1143.88	15807	17000	642.90	1695.9	15400	448.94	598.3	12100	230.68	5977	0	0
16	35873.4	25008.7	1143.73	15791	21400	643.31	1707.2	15300	448.80	595.5	13000	226.19	4721	0	639
17	35868.6	25013.5	1143.65	15782	16300	643.31	1707.3	16700	448.62	592.1	13500	222.64	3848	0	415
18	35880.4	25001.7	1143.60	15777	15000	643.27	1706.2	15900	448.56	590.5	12400	219.67	3197	0	328
19	35877.8	25004.3	1143.66	15783	10000	642.68	1690.0	16000	448.78	595.1	11000	218.81	3022	0	72
20	35874.8	25007.3	1143.70	15788	9930	642.27	1678.7	14600	448.87	596.8	11000	221.40	3568	311	0
21	35873.3	25008.7	1143.79	15797	8160	641.74	1664.4	15000	448.68	593.2	12500	225.60	4569	525	0
22	35884.8	24997.3	1143.78	15796	14100	641.58	1660.1	16500	448.65	592.6	12000	228.39	5315	412	0
23	35888.2	24993.8	1143.72	15790	15100	641.46	1656.8	15700	448.68	593.3	12000	226.75	4868	0	176
24	35881.4	25000.7	1143.54	15770	21100	641.95	1670.0	15500	448.42	588.1	15400	226.16	4713	0	17
25	35887.5	24994.6	1143.40	15755	19700	642.42	1682.9	11200	448.69	593.5	10300	227.54	5081	330	0
26	35890.2	24991.8	1143.31	15745	18200	642.73	1691.3	13500	448.85	596.6	8600	234.60	7217	794	0
27	35886.3	24995.8	1143.27	15741	17100	642.75	1692.0	14700	448.86	596.7	11200	238.35	8529	1136	0
28	35879.1	25003.0	1143.25	15739	14900	642.74	1691.5	15100	448.82	595.9	13000	236.78	7964	48	267
29	35874.4	25007.7	1143.21	15735	14600	642.78	1692.7	14500	448.80	595.6	13000	233.85	6969	0	424
30	35857.8	25024.2	1143.19	15733	18100	642.89	1695.8	15700	448.57	591.1	15100	228.22	5268	0	915
TOTAL					454840			456100			360530			7407	7441
AVE.					15160			15200			12020			247	248
AC FT					902000			905000			715000			14692	14759

* BOTTOM OF EXCLUSIVE FLOOD CONTROL SPACE
** INCLUDES FONTENELLE AND CRYSTAL RESERVOIRS

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COLORADO RIVER STORAGE PROJECT DATA (operational) FOR JUNE 2003

		LAKE POWELL			FLAMING GORGE			NAVAJO			BLUE MESA			MORROW POINT		
		MAX. STORAGE 24322000 AF			MAX. STORAGE 3749000 AF			MAX. STORAGE 1696000 AF			MAX. STORAGE 829500 AF			MAX. STORAGE 117025 AF		
	COMPUTED	MAX. ELEV. 3700.0 FEET			MAX. ELEV. 6040.0 FEET			MAX. ELEV. 6085.0 FEET			MAX. ELEV. 7519.4 FEET			MAX. ELEV. 7160.0 FEET		
	INFLOW	ELEVATION	CONTENT	RELEASE	ELEVATION	CONTENT	RELEASE	ELEVATION	CONTENT	RELEASE	ELEVATION	CONTENT	RELEASE	ELEVATION	CONTENT	RELEASE
DATE	FT3/S	(FEET)	(1000 AF)	FT3/S	(FEET)	(1000 AF)	FT3/	(FEET)	(1000 AF)	FT3/S	(FEET)	(1000 AF)	FT3/S	(FEET)	(1000 AF)	FT3/S
1	46400	3610.95	12826	10000	6010.13	2650	3010	6017.42	890	450	7468.04	422.7	0	7157.07	114.7	730
2	49100	3611.56	12888	15000	6010.11	2640	2590	6017.77	890	450	7469.73	434.0	0	7156.20	114.0	790
3	49900	3612.25	12958	15000	6010.09	2640	2230	6018.03	890	450	7471.11	443.3	320	7155.88	113.7	820
4	51000	3612.92	13026	14900	6010.08	2640	1830	6018.29	900	450	7472.32	451.6	260	7154.57	112.7	1110
5	53000	3613.46	13082	15000	6010.09	2640	1630	6018.48	900	450	7473.44	459.3	0	7154.10	112.3	470
6	48200	3614.03	13140	15000	6010.11	2640	1220	6018.60	900	450	7474.38	465.6	260	7154.11	112.3	500
7	44200	3614.56	13195	14200	6010.13	2650	830	6018.68	900	450	7475.15	471.3	150	7153.63	111.9	550
8	41500	3615.04	13244	10100	6010.14	2650	810	6018.75	900	450	7475.94	476.8	0	7152.14	110.7	780
9	38200	3615.33	13274	15000	6010.15	2650	810	6018.80	900	450	7476.52	481.0	710	7152.44	111.0	790
10	33100	3615.51	13293	15000	6010.17	2650	820	6018.81	900	450	7477.02	484.5	630	7152.40	111.0	820
11	28700	3615.68	13311	15000	6010.19	2650	820	6018.83	900	450	7477.50	487.9	690	7152.64	111.1	800
12	25900	3615.83	13326	15000	6010.22	2650	820	6018.80	900	450	7477.99	491.5	690	7152.75	111.2	820
13	23900	3615.91	13334	15000	6010.24	2650	820	6018.72	900	450	7478.45	494.8	710	7152.81	111.3	840
14	22200	3616.04	13348	14100	6010.26	2650	810	6018.69	900	450	7479.08	499.3	0	7150.84	109.7	910
15	21100	3616.19	13363	10100	6010.27	2650	810	6018.66	900	450	7479.46	502.1	850	7150.98	109.8	950
16	20400	3616.32	13377	15000	6010.28	2650	820	6018.60	900	450	7479.79	504.5	970	7151.20	110.0	980
17	19800	3616.34	13379	15100	6010.30	2650	720	6018.51	900	450	7480.45	506.6	1020	7151.57	110.3	950
18	19600	3616.49	13395	15100	6010.31	2650	820	6018.45	900	450	7480.29	508.1	1050	7151.56	110.3	1170
19	19800	3616.47	13393	15100	6010.33	2650	820	6018.37	900	500	7480.43	509.1	1290	7152.33	110.9	1110
20	18400	3616.44	13389	15100	6010.37	2650	820	6018.34	900	500	7480.60	510.4	1160	7152.72	111.2	1130
21	17200	3616.45	13391	14200	6010.41	2650	820	6018.34	900	500	7480.96	513.0	390	7151.88	110.5	800
22	16900	3616.56	13402	10000	6010.45	2660	810	6018.30	900	500	7481.01	513.4	1570	7153.64	111.9	950
23	17000	3616.60	13406	14900	6010.59	2660	810	6018.15	890	500	7481.07	513.8	1360	7154.05	112.3	1270
24	16500	3616.54	13400	15200	6010.80	2670	810	6017.98	890	500	7481.16	514.5	1330	7154.47	112.6	1230
25	15300	3616.49	13395	15300	6010.93	2670	800	6017.84	890	500	7481.19	514.7	1340	7154.95	113.0	1210
26	14700	3616.43	13388	15300	6011.07	2680	810	6017.68	890	550	7481.05	513.7	1830	7156.38	114.1	1320
27	14400	3616.39	13384	15300	6011.16	2680	810	6017.53	890	550	7480.85	512.2	1980	7158.08	115.5	1350
28	13300	3616.34	13379	15200	6011.22	2680	800	6017.37	890	550	7481.18	514.6	0	7154.58	112.7	1450
29	12300	3616.32	13377	10200	6011.27	2680	800	6017.23	890	550	7481.02	513.5	1770	7155.53	113.4	1440
30	11600	3616.20	13365	15200	6011.30	2680	800	6017.05	880	730	7480.76	511.5	2020	7157.05	114.7	1470
TOT	823600			424600			31930			14530			24350			29510
AVE	27453			14150			1060			480			810			980
A F	1633600			842000			63000			28800			48300			58500

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GLEN CANYON TO HOOVER DAM LOSSES

JUNE 2003

DATE	GLEN RELEASE CFS	HOOVER RELEASE CFS	LAKE MEAD STORAGE 1000 AF	STORAGE CHANGE 1000 AF	LAKE MEAD PUMPING CFS	LAKE MEAD EVAPORATION CFS	CHANGE BANK STORAGE CFS	LOSS CFS	ACCUMUL. A.F.	INFLOW CFS
1	10000	10800	15893	0	724	-96759	0	97762	193908	-85230
2	15000	13000	15888	-5	759	-96759	-164	97674	387642	-85680
3	15000	9740	15890	2	756	-96759	66	95231	576529	-85180
4	14900	11900	15886	-4	754	-96759	-131	101213	777283	-86250
5	15000	12100	15897	11	762	-96759	360	92979	961704	-77990
6	15000	20200	15876	-21	762	-96759	-688	101993	1164004	-87070
7	14200	15100	15876	0	705	-96759	0	95908	1354235	-80950
8	10100	16400	15872	-4	687	-96759	-131	96790	1546215	-81810
9	15000	14300	15868	-4	682	-96759	-131	98153	1740899	-83920
10	15000	12800	15863	-5	698	-96759	-164	96093	1931498	-85940
11	15000	8610	15850	-13	689	-96759	-426	109447	2148583	-94440
12	15000	17500	15839	-11	721	-96759	-360	99424	2345787	-84440
13	15000	21700	15824	-15	737	-96759	-492	97416	2539009	-82370
14	14100	20000	15812	-12	733	-96759	-393	97499	2732395	-82460
15	10100	17000	15807	-5	694	-96759	-164	96773	2924342	-81740
16	15000	21400	15791	-16	744	-96759	-524	97294	3117321	-83200
17	15100	16300	15782	-9	741	-96759	-295	94633	3305023	-84550
18	15100	15000	15777	-5	738	-96759	-164	98749	3500889	-83700
19	15100	10000	15783	6	739	-96759	197	97932	3695134	-82790
20	15100	9930	15788	5	738	-96759	164	98514	3890534	-83400
21	14200	8160	15797	9	725	-96759	295	98171	4085254	-83040
22	10000	14100	15796	-1	701	-96759	-33	97586	4278812	-82490
23	14900	15100	15790	-6	744	-96759	-197	98296	4473780	-84130
24	15200	21100	15770	-20	741	-96759	-655	95706	4663611	-85650
25	15300	19700	15755	-15	747	-96759	-492	99273	4860515	-84360
26	15300	18200	15745	-10	742	-96759	-328	98364	5055617	-83180
27	15300	17100	15741	-4	734	-96759	-131	96325	5246674	-81070
28	15200	14900	15739	-2	743	-96759	-66	97447	5439957	-82180
29	10200	14600	15735	-4	731	-96759	-131	98862	5636048	-83570
30	15200	18100	15733	-2	751	-96759	-66	94136	5822764	-78980
TOTAL	424600	454940			21922	-2902770			5822764	-2511900