RECLAMATION
Managing Water in the West

BUREAU OF RECLAMATION
LOWER COLORADO REGION
BOULDER CITY, NEVADA

ACCUMULATIONS FOR SEPTEMBER 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	7400	14678	1143.38	11116	22048	22048	9215	418	644.39	11950	23712	23712	2954	2014	2014	448.78	9480	18806	18806	1231	3104	3104
2	8100	30744	1143.40	10583	20992	43039	8720	415	644.37	10580	20980	44692	2604	2051	4065	448.70	9990	19814	38620	1285	2997	6101
3	8200	47008	1143.38	10779	21380	64419	9018	422	644.29	10540	20900	65592	2595	1987	6052	448.44	10490	20811	59431	1355	3097	9198
4	8200	63273	1143.22	12673	25136	89555	10747	428	644.47	11160	22128	87720	2739	1483	7535	448.40	6010	11915	71346	789	3083	12280
5	8200	79537	1143.20	11973	23748	113302	9970	420	644.29	11200	22208	109928	2724	1527	9062	448.73	8890	17629	88975	1170	3095	15375
6	8300	96000	1143.25	6451	12796	126098	4911	384	643.96	11190	22188	132116	2734	1532	10593	448.68	9020	17900	106875	1189	3413	18788
7	7100	110083	1143.26	6409	12712	138810	4929	388	643.61	11150	22108	154224	2706	2026	12619	448.60	8480	16815	123690	1121	4877	23665
8	8200	126347	1143.25	7722	15316	154126	6122	400	643.32	11100	22026	176250	2692	2014	14633	448.46	9650	19149	142839	1207	3523	27188
9	8200	142612	1143.23	6189	12276	166402	4731	385	642.96	11130	22068	198318	2692	2019	16652	448.30	10170	20171	163010	1324	2758	29946
10	8100	158678	1143.22	8456	16772	183173	6794	405	642.84	11140	22100	220418	2688	2028	18680	448.04	11800	23397	186407	1533	1792	31737
11	8200	174942	1143.11	10763	21348	204521	8822	413	642.69	11150	22112	242530	2703	2008	20688	448.28	6460	12811	199218	858	1791	33528
12	8200	191207	1143.13	8137	16140	220661	6514	404	642.46	11580	22972	265502	2709	2008	22696	448.07	11500	22819	222037	1497	1825	35353
13	8200	207471	1143.14	6522	12936	233597	5033	389	642.24	10080	19984	285486	960	1998	24694	447.92	11220	22250	244287	479	1717	37070
14	7000	221355	1143.10	7101	14084	247680	5558	395	642.03	10100	20036	305522	960	1994	26688	447.67	10380	20587	264874	479	1775	38845
15	8300	237818	1143.10	8912	17676	265356	7263	411	641.73	11260	22328	327850	2678	1991	28679	447.38	11170	22160	287034	1362	1778	40623
16	8200	254083	1143.04	10702	21228	286584	8868	418	641.60	11400	22616	350466	2755	2011	30689	447.32	9820	19482	306516	1264	1513	42136
17	8200	270347	1143.03	8625	17108	303692	7063	413	641.68	9910	19652	370118	2382	1894	32583	447.30	9380	18613	325129	1214	1271	43407
18	8200	286612	1142.87	13013	25812	329503	10983	426	641.64	9950	19744	389862	2402	1481	34064	447.63	6010	11927	337056	786	364	43771
19	8300	303074	1142.73	14064	27896	357399	12057	432	641.92	9930	19696	409558	2386	1490	35554	447.53	9200	18239	355295	1201	539	44310
20	8200	319339	1142.66	11467	22744	380142	9490	417	642.08	9920	19684	429242	2384	1494	37048	447.49	9500	18844	374139	1236	364	44674
21	7100	333422	1142.57	11154	22124	402266	9308	421	642.12	10280	20394	449636	2477	2014	39062	447.40	9790	19414	393553	1275	369	45043
22	8200	349686	1142.47	12963	25712	427978	10924	425	642.25	10540	20916	470552	2546	2001	41063	447.20	10790	21398	414951	1406	627	45670
23	7700	364959	1142.41	9625	19092	447069	8017	420	642.09	11190	22188	492740	2704	2009	43072	446.92	11350	22521	437472	1481	1131	46801
24	8200	381223	1142.42	6877	13640	460709	5416	397	641.74	11830	23468	516208	2857	1963	45035	446.74	10330	20485	457957	1331	1130	47931
25	8100	397289	1142.39	9635	19112	479821	7789	408	641.54	11170	22156	538364	2695	1976	47011	447.14	6580	13042	470999	863	1122	49053
26	7700	412562	1142.35	10722	21268	501089	8983	422	641.55	11160	22140	560504	2682	1980	48991	447.23	8790	17442	488441	1145	1132	50184
27	7700	427835	1142.33	8845	17544	518632	7273	415	641.37	11810	23420	583924	2849	1980	50970	447.01	11580	22974	511415	1507	1133	51317
28	7000	441719	1142.32	7413	14704	533336	5982	407	640.96	12300	24392	608316	2947	2003	52973	446.93	10570	20958	532373	1378	933	52250
29	7700	456992	1142.22	12622	25036	558372	10647	425	640.99	12310	24420	632736	2946	1952	54925	446.95	9990	19822	552195	1302	926	53176
30	8100	473058	1142.12	13003	25792	584163	10971	425	640.95	13640	27049	659785	3287	1952	56877	447.05	10180	20193	572388	1330	926	54102
TOTAL							242118						77437							35599		

RECLAMATION
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AVAILABLE RESERVOIR ELEVATIONS AND CONTENTS FOR SEPTEMBER 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	34430.0	26452.1	1143.38	15753	11100	644.39	1737.1	12000	448.78	595.2	9480	229.69	5685	264	0
2	34417.7	26464.4	1143.40	15755	10600	644.37	1736.5	10600	448.70	593.6	9990	232.18	6435	486	0
3	34400.3	26481.8	1143.38	15753	10800	644.29	1734.3	10500	448.44	588.5	10500	234.58	7210	462	0
4	34375.3	26506.8	1143.22	15736	12700	644.47	1739.3	11200	448.40	587.6	6010	235.10	7384	197	0
5	34366.4	26515.6	1143.20	15734	12000	644.29	1734.3	11200	448.73	594.1	8890	235.43	7496	173	0
6	34348.5	26533.6	1143.25	15739	6450	643.96	1725.2	11200	448.68	593.1	9020	237.68	8285	446	0
7	34326.9	26555.2	1143.26	15740	6410	643.61	1715.5	11100	448.60	591.7	8480	237.65	8274	165	0
8	34305.5	26576.5	1143.25	15739	7720	643.32	1707.5	11100	448.46	589.0	9650	235.78	7616	0	302
9	34315.6	26566.4	1143.23	15737	6190	642.96	1697.6	11100	448.30	585.8	10200	223.54	6868	0	320
10	34324.4	26557.7	1143.22	15736	8460	642.84	1694.3	11100	448.04	580.7	11800	228.50	5346	0	872
11	34343.3	26538.8	1143.11	15724	10800	642.69	1690.3	11100	448.28	585.4	6460	224.20	4218	31	498
12	34354.0	26528.0	1143.13	15726	8140	642.46	1684.0	11600	448.07	581.4	11500	227.66	5113	6	540
13	34360.0	26522.0	1143.14	15727	6520	642.24	1678.0	10100	447.92	578.4	11200	231.08	6097	507	0
14	34348.7	26533.3	1143.10	15723	7100	642.03	1672.1	10100	447.67	573.8	10400	232.10	6409	233	0
15	34330.9	26551.2	1143.10	15723	8910	641.73	1664.0	11300	447.38	568.3	11200	232.56	6554	210	0
16	34312.9	26569.1	1143.04	15716	10700	641.60	1660.6	11400	447.32	567.2	9820	235.46	7506	535	0
17	34311.3	26570.7	1143.03	15715	8630	641.68	1662.8	9910	447.30	566.8	9380	236.15	7744	210	0
18	34288.1	26593.9	1142.87	15698	13000	641.64	1661.6	9950	447.63	572.9	6010	238.79	8690	623	0
19	34271.0	26611.1	1142.73	15683	14100	641.92	1669.3	9930	447.53	571.1	9200	239.50	8956	275	0
20	34260.2	26621.8	1142.66	15676	11500	642.08	1673.5	9920	447.49	570.4	9500	237.18	8106	108	511
21	34242.8	26639.3	1142.57	15666	11200	642.12	1674.6	10300	447.40	568.6	9790	233.52	6861	0	580
22	34221.9	26660.1	1142.47	15655	13000	642.25	1678.3	10500	447.20	564.8	10800	228.26	5279	0	860
23	34197.0	26685.0	1142.41	15649	9630	642.09	1673.9	11200	446.92	559.6	11400	224.08	4189	64	586
24	34178.5	26703.6	1142.42	15650	6880	641.74	1664.4	11800	446.74	556.4	10300	222.95	3920	71	182
25	34167.3	26714.7	1142.39	15647	9640	641.54	1659.0	11200	447.14	563.8	6580	227.62	5102	636	0
26	34155.8	26726.2	1142.35	15642	10700	641.55	1659.2	11200	447.23	565.5	8790	233.20	6758	950	0
27	34135.0	26747.1	1142.33	15640	8840	641.37	1654.5	11800	447.01	561.3	11600	233.83	6962	335	181
28	34112.6	26769.4	1142.32	15639	7410	640.96	1643.2	12300	446.93	559.7	10600	230.74	5995	48	485
29	34090.2	26791.8	1142.22	15629	12600	640.99	1644.2	12300	446.95	560.3	9990	228.66	5391	101	425
30	34072.4	26809.7	1142.12	15618	13000	640.95	1643.1	13600	447.05	562.1	10200	232.26	6460	619	0
TOTAL					294730			332610			288740			7755	6342
AVE.					9820			11090			9620			258	211
AC FT					585000			660000			573000			15382	12579

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

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COLORADO RIVER STORAGE PROJECT DATA (operational) FOR SEPTEMBER 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	5100	3604.13	12149	7400	6010.35	2650	850	6000.09	740	500	7465.04	403.0	1460	7152.55	111.1	1490
2	5100	3604.04	12140	8100	6010.34	2650	850	5999.94	740	500	7464.79	401.4	1420	7153.69	112.0	980
3	5200	3603.99	12135	8200	6010.33	2650	850	5999.76	740	460	7464.59	400.1	1340	7154.03	112.2	1230
4	5000	3603.90	12126	8200	6010.32	2650	850	5999.61	740	450	7464.32	398.4	1400	7155.37	113.3	900
5	4900	3603.85	12121	8200	6010.31	2650	850	5999.48	730	450	7464.09	396.9	1430	7156.39	114.1	1070
6	4400	3603.74	12111	8300	6010.30	2650	850	5999.43	730	450	7463.86	395.5	1370	7157.03	114.6	1150
7	4200	3603.64	12101	7100	6010.29	2650	850	5999.38	730	450	7464.11	397.1	0	7153.72	112.0	1350
8	4700	3603.57	12094	8200	6010.28	2650	850	5999.28	730	360	7463.91	395.8	1380	7154.29	112.4	1170
9	6500	3603.81	12117	8200	6010.27	2650	840	5999.64	740	350	7463.84	395.3	1390	7154.74	112.8	1270
10	9500	3603.92	12128	8100	6010.25	2650	840	6000.52	740	350	7463.98	396.2	1210	7155.32	113.3	1070
11	28300	3604.22	12157	8200	6010.23	2650	840	6000.73	740	350	7464.03	396.5	1160	7155.65	113.5	1070
12	24900	3604.41	12176	8200	6010.21	2650	840	6000.87	750	350	7464.03	396.5	1040	7155.87	113.7	990
13	19900	3604.56	12191	8200	6010.19	2650	840	6000.87	750	350	7463.97	396.2	1230	7156.23	114.0	1110
14	12100	3604.60	12194	7000	6010.17	2650	850	6000.94	750	350	7464.27	398.1	0	7153.99	112.2	930
15	8800	3604.58	12192	8300	6010.15	2650	850	6000.94	750	350	7464.17	397.4	1260	7153.89	112.1	1330
16	7900	3604.53	12188	8200	6010.13	2650	850	6000.93	750	350	7464.10	397.0	1110	7153.65	111.9	1230
17	7600	3604.53	12188	8200	6010.11	2640	840	6000.89	750	350	7463.95	396.0	1210	7154.12	112.3	1040
18	7300	3604.45	12180	8200	6010.08	2640	850	6000.73	740	350	7463.88	395.6	1010	7154.22	112.4	1000
19	7000	3604.40	12175	8300	6010.05	2640	840	6000.62	740	350	7463.70	394.4	1230	7154.84	112.9	1010
20	6600	3604.35	12170	8200	6010.03	2640	720	6000.59	740	350	7463.57	393.6	1090	7155.05	113.1	1030
21	6400	3604.30	12165	7100	6010.00	2640	810	6000.59	740	350	7463.77	394.9	0	7152.58	111.1	1000
22	6300	3604.23	12158	8200	6009.97	2640	810	6000.45	740	350	7463.64	394.1	1080	7152.91	111.4	980
23	6300	3604.17	12152	7700	6009.95	2640	740	6000.31	740	350	7463.49	393.1	1070	7153.25	111.6	970
24	6200	3604.13	12149	8200	6009.93	2640	830	6000.16	740	380	7463.33	392.1	1070	7153.53	111.8	990
25	5900	3604.05	12141	8100	6009.91	2640	850	6000.12	740	450	7463.16	391.0	1070	7153.94	112.2	940
26	5600	3603.99	12135	7700	6009.89	2640	850	5999.99	740	450	7462.89	389.3	1320	7154.85	112.9	1000
27	5400	3603.92	12128	7700	6009.87	2640	850	5999.90	740	450	7462.76	388.5	910	7154.90	112.9	920
28	5200	3603.86	12122	7000	6009.85	2640	850	5999.85	740	450	7462.91	389.4	0	7152.51	111.0	970
29	5300	3603.77	12113	7700	6009.83	2640	850	5999.66	740	470	7462.66	387.8	1090	7153.02	111.4	920
30	5300	3603.73	12110	8100	6009.81	2640	870	5999.45	730	500	7462.45	386.5	1080	7153.42	111.8	940
TOT	242900			238500			25110			12020			31430			32050
AVE	8097			7950			840			400			1050			1070
A F	481800			473000			50000			23800			62300			63600

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GLEN CANYON TO HOOVER DAM LOSSES

SEPTEMBER 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	7400	11100	15753	12	707	-96759	393	93744	185938	-78500
2	8100	10600	15755	2	679	-96759	66	94688	373749	-84400
3	8200	10800	15753	-2	588	-96759	-66	93805	559809	-86440
4	8200	12700	15736	-17	591	-96759	-557	100723	759590	-92590
5	8200	12000	15734	-2	600	-96759	-66	93383	944813	-85230
6	8300	6450	15739	5	584	-96759	164	95197	1133633	-87040
7	7100	6410	15740	1	583	-96759	33	97413	1326848	-89220
8	8200	7720	15739	-1	590	-96759	-33	97239	1519719	-88980
9	8200	6190	15737	-2	694	-96759	-66	98042	1714183	-90940
10	8100	8460	15736	-1	677	-96759	-33	96383	1905357	-88150
11	8200	10800	15724	-12	653	-96759	-393	99959	2103623	-91740
12	8200	8140	15726	2	608	-96759	66	95033	2292119	-86930
13	8200	6520	15727	1	642	-96759	33	97265	2485042	-89060
14	7000	7100	15723	-4	631	-96759	-131	99373	2682145	-91170
15	8300	8910	15723	0	605	-96759	0	95444	2871455	-87240
16	8200	10700	15716	-7	598	-96759	-229	96236	3062336	-89210
17	8200	8630	15715	-1	388	-96759	-33	96567	3253875	-88270
18	8200	13000	15698	-17	497	-96759	-557	100610	3453432	-92380
19	8300	14100	15683	-15	547	-96759	-492	98396	3648598	-90160
20	8200	11500	15676	-7	588	-96759	-229	96638	3840276	-88420
21	7100	11200	15666	-10	601	-96759	-328	98582	4035812	-90320
22	8200	13000	15655	-11	743	-96759	-360	97163	4228531	-88920
23	7700	9630	15649	-6	838	-96759	-197	96570	4420076	-89510
24	8200	6880	15650	1	782	-96759	33	96808	4612091	-88560
25	8100	9640	15647	-3	729	-96759	-98	95678	4801865	-88000
26	7700	10700	15642	-5	764	-96759	-164	96223	4992721	-87970
27	7700	8840	15640	-2	796	-96759	-66	96307	5183743	-88190
28	7000	7410	15639	-1	818	-96759	-33	96784	5375711	-89060
29	7700	12600	15629	-10	787	-96759	-328	96478	5567072	-88740
30	8100	13000	15618	-11	826	-96759	-360	95856	5757200	-88830
TOTAL	238500	294520			19734	-2902770			5757200	-2654300