

ACCUMULATIONS FOR DECEMBER 2003

DAY	GLEN CANYON		LAKE MEAD ELEV.	HOOVER DAM					LAKE MOHAVE ELEV.	DAVIS DAM				MWD		LAKE HAVASU ELEV.	PARKER DAM			C.A.P.			
	CFS	ACCUM. A.F.		HOOVER CFS	RELEASE A.F.	ACCUM.	GROSS GEN	RATE KWH/AF		DAVIS CFS	RELEASE A.F.	ACCUM.	GROSS GEN	DIVER. A.F.	AT INTAKE ACCUM.		PARKER CFS	RELEASE A.F.	ACCUM.	GROSS GEN	DIVER. A.F.	ACCUM. A.F.	
1	9700	19240	1139.45	9986	19807	19807	8516	430	636.52	10010	19847	19847	2372	1512	1512	447.06	4760	9439	9439	592	5740	5740	
2	10600	40264	1139.37	10841	21503	41310	9165	426	636.66	10010	19847	39694	2369	1500	3012	447.09	7440	14765	24204	914	5908	11648	
3	10100	60298	1139.34	10539	20904	62214	9119	436	636.57	10810	21443	61137	2567	1523	4535	446.91	6420	12744	36948	810	6052	17700	
4	10200	80529	1139.41	9264	18375	80588	7816	425	636.21	13760	27295	88432	3275	1147	5682	447.10	5560	11038	47986	683	6049	23748	
5	10100	100562	1139.41	8454	16768	97357	6933	413	635.71	14600	28969	117401	3456	963	6645	447.42	7480	14840	62826	985	6055	29803	
6	9400	119207	1139.38	7782	15436	112792	6441	417	635.28	12660	25107	142508	2964	1021	7666	447.78	6970	13834	76660	923	6058	35861	
7	8300	135669	1139.45	6796	13480	126272	5554	412	635.15	9110	18075	160583	2122	1570	9236	448.02	6300	12504	89164	835	6058	41918	
8	10000	155504	1139.45	10156	20144	146416	8543	424	635.17	9010	17881	178464	2097	2987	12222	448.12	6520	12939	102103	873	5847	47765	
9	10100	175537	1139.37	13062	25908	172324	11349	438	635.54	7870	15604	194068	1822	3013	15235	447.78	5680	11258	113361	731	5680	53445	
10	10000	195372	1139.30	12273	24344	196667	10578	435	635.81	8690	17240	211308	2023	3456	18691	447.49	5420	10746	124107	690	6058	59502	
11	10100	215405	1139.28	11309	22432	219099	9691	432	636.02	9300	18439	229747		3447	22138	447.49	3990	7922	132029	505	6056	65558	
12	10100	235438	1139.30	10081	19995	239094	8578	429	635.81	9390	18633	248380		3424	25562	447.49	5400	10711	142740	687	6056	71614	
13	9400	254083	1139.27	11063	21943	261037	9386	428	636.02	10010	19849	268229		2970	28532	447.49	6460	12819	155559	858	6053	77667	
14	8500	270942	1139.32	9730	19299	280337	8237	427	636.09	9890	19611	287840		3009	31540	447.13	6780	13442	169001	898	6051	83717	
15	10000	290777	1139.24	11265	22344	302680	9570	428	636.25	8280	16416	304256	1928	3022	34562	446.96	6680	13258	182259	880	6051	89768	
16	10000	310612	1139.19	12140	24080	326760	10297	428	636.54	7960	15796	320052	1857	3018	37580	446.75	6230	12366	194625	794	6049	95817	
17	9900	330248	1139.18	9765	19368	346128	8208	424	636.67	8430	16724	336776	1985	2996	40576	446.38	6210	12316	206941	804	6045	101861	
18	10000	350083	1139.16	10097	20028	366155	8580	428	636.78	7960	15780	352556	1861	2984	43560	446.32	4790	9492	216433	599	6040	107901	
19	10000	369917	1139.14	10726	21276	387431	8981	422	637.02	6950	13792	366348	1609	2980	46540	446.19	5960	11812	228245	766	3621	111522	
20	9400	388562	1139.09	8349	16560	403991	6962	420	637.14	6450	12784	379132	1487	2940	49480	446.03	5340	10590	238835	677	3664	115186	
21	8700	405818	1139.20	9393	18632	422623	7937	426	637.39	5990	11873	391005	1374	3002	52481	445.88	4660	9242	248077	571	3674	118860	
22	10200	426050	1139.17	10198	20228	442850	8559	423	637.72	5970	11841	402846	1370	2711	55192	445.93	2570	5088	253165	260	3654	122513	
23	10000	445884	1139.15	11686	23180	466030	10021	432	638.00	7220	14312	417158	1653	3605	58797	445.54	6380	12655	265820	792	3670	126183	
24	10200	466116	1139.14	9081	18012	484042	7645	424	638.00	7580	15032	432190	1750	3864	62661	445.15	6580	13045	278865	840	3643	129826	
25	9100	484165	1139.11	7774	15420	499462	6414	416	637.90	8650	17160	449350	2019	3731	66392	445.05	2760	5474	284339	285	6025	135851	
26	10200	504397	1139.21	7782	15436	514897	6347	411	637.80	9980	19800	469150	2340	2434	68826	444.89	7160	14196	298535	919	6026	141876	
27	9400	523041	1139.18	11924	23652	538549	10135	429	638.07	7720	15308	484458	1783	2033	70858	445.01	3960	7855	306390	456	6028	147904	
28	9100	541091	1139.14	11618	23044	561593	9913	430	638.49	6420	12736	497194	1459	2042	72900	444.68	7230	14336	320726	924	6025	153929	
29	10200	561322	1139.12	11723	23252	584844	10112	435	638.59	7940	15744	512938	1836	1022	73922	444.48	4500	8935	329661	545	5382	159311	
30	10200	581554	1139.07	11053	21924	606768	9453	431	638.94	7390	14664	527602	1716	510	74432	444.69	3500	6948	336609	411	5416	164726	
31	10200	601785	1139.12	8284	16432	623200	6930	422	638.98	6270	12436	540038	1435	1042	75474	444.52	5300	10518	347127	651	6038	170764	
TOTAL							265970						54529							22158			

BUREAU OF RECLAMATION
 LOWER COLORADO REGION
 BOULDER CITY, NEVADA
 AVAILABLE RESERVOIR ELEVATIONS AND CONTENTS FOR DECEMBER 2003

MAX CONTENT IN A.F.		LAKE MEAD		LAKE MOHAVE			LAKE HAVASU			SENATOR WASH					
MAX ELEV. IN FEET		27380000		1809800			619400			7576					
		1229.0		647.0			450.0			240.0					
DAY	TOTAL SYSTEM STORAGE**	TOTAL AVAILABLE SPACE	ELEVATION FEET	HOOVER CONTENT 1000A.F.	RELEASE ft3/s	ELEVATION FEET	DAVIS CONTENT 1000A.F.	RELEASE ft3/s	ELEVATION FEET	PARKER CONTENT 1000A.F.	RELEASE ft3/s	ELEVATION FEET	SENATOR WASH CONTENT A.F.	PUMPED ft3/s	RELEASE ft3/s
1	33243.9	27639.2	1139.45	15334	9990	636.52	1525.3	10000	447.06	562.2	4760	230.52	5929	594	0
2	33231.7	27651.4	1139.37	15326	10800	636.66	1529.0	10000	447.09	562.7	7440	232.37	6494	366	0
3	33215.8	27667.3	1139.34	15323	10500	636.57	1526.6	10800	446.91	562.9	6420	232.51	6538	101	0
4	33202.7	27680.4	1139.41	15330	9260	636.21	1517.2	13800	447.10	563.1	5560	232.24	6453	27	0
5	33185.0	27698.0	1139.41	15330	8450	635.71	1504.2	14600	447.42	569.0	7480	234.13	7060	373	0
6	33166.9	27716.2	1139.38	15327	7780	635.28	1493.0	12700	447.78	575.8	6970	234.60	7217	165	0
7	33170.3	27712.8	1139.45	15334	6800	635.15	1489.6	9110	448.02	580.3	6300	237.08	8070	485	0
8	33160.8	27722.3	1139.45	15334	10200	635.17	1490.1	9010	448.12	582.3	6520	239.47	8945	574	0
9	33147.5	27735.6	1139.37	15326	13100	635.54	1499.8	7870	447.78	575.8	5680	239.95	9125	232	0
10	33130.0	27753.0	1139.30	15319	12300	635.81	1506.8	8690	447.49	570.3	5420	239.79	9065	106	0
11	33123.5	27759.5	1139.28	15315	11300	636.02	1512.2	9300	447.49	570.3	3990	239.17	8832	26	52
12	33104.4	27778.6	1139.30	15317	10100	635.81	1506.8	9390	447.49	569.0	5400	234.23	7094	0	876
13	33098.3	27784.8	1139.27	15314	11100	636.02	1512.2	10000	447.49	570.3	6460	229.49	5627	0	769
14	33088.1	27794.9	1139.32	15321	9730	636.09	1514.0	9890	447.13	563.5	6780	226.27	4742	0	442
15	33089.6	27793.5	1139.24	15321	11300	636.25	1518.2	8280	446.96	560.3	6680	224.41	4270	0	232
16	33064.2	27818.9	1139.19	15307	12100	636.54	1525.8	7960	446.75	556.4	6230	225.48	4538	149	0
17	33050.0	27833.1	1139.18	15306	9760	636.67	1529.2	8430	446.38	549.7	6210	227.93	5187	341	0
18	33036.2	27846.8	1139.16	15304	10100	636.78	1532.2	7960	446.32	548.5	4790	226.75	4868	104	233
19	33026.8	27856.3	1139.14	15302	10700	637.02	1538.5	6950	446.19	546.3	5960	230.44	5906	548	0
20	33011.5	27871.6	1139.09	15296	8350	637.14	1541.6	6450	446.03	543.3	5340	230.83	6022	123	0
21	33016.5	27866.6	1139.20	15308	9390	637.39	1548.2	5990	445.88	540.6	4660	233.43	6833	466	0
22	33012.3	27870.8	1139.17	15305	10200	637.72	1556.7	5970	445.93	541.5	2570	231.54	6237	78	255
23	32998.9	27884.2	1139.15	15303	11700	638.00	1564.3	7220	445.54	534.5	6380	225.46	4533	0	864
24	32976.7	27906.4	1139.14	15302	9080	638.00	1564.2	7580	445.15	527.3	6580	220.46	3364	0	609
25	32962.4	27920.7	1139.11	15299	7770	637.90	1561.6	8650	445.05	525.6	2760	220.55	3383	94	50
26	32948.1	27934.9	1139.21	15309	7780	637.80	1558.8	9980	444.89	522.7	7160	230.30	5864	1281	0
27	32945.6	27937.5	1139.18	15306	11900	638.07	1566.1	7720	445.01	525.0	3960	235.07	7374	872	0
28	32936.8	27946.2	1139.14	15302	11600	638.49	1577.3	6420	444.68	519.0	7230	235.20	7418	300	188
29	32923.1	27960.0	1139.12	15300	11700	638.59	1579.9	7940	444.48	515.5	4500	231.17	6124	0	597
30	32920.9	27962.1	1139.07	15294	11100	638.94	1589.2	7390	444.69	519.2	3500	228.24	5273	0	423
31	32912.1	27971.0	1139.12	15300	8280	638.98	1590.3	6270	444.52	516.2	5300	234.43	7160	1020	0
TOTAL					314220			272320			174990			8425	5590
AVE.					10140			8780			5640			272	180
AC FT					623000			540000			347000			16711	11088

** INCLUDES FONTENELLE AND CRYSTAL RESERVOIRS

BUREAU OF RECLAMATION
 LOWER COLORADO REGION
 BOULDER CITY, NEVADA
 COLORADO RIVER STORAGE PROJECT DATA (operational) FOR DECEMBER 2003

DATE	LAKE POWELL				FLAMING GORGE			NAVAJO			BLUE MESA			MORROW POINT		
	COMPUTED	MAX. STORAGE	MAX. ELEV.	3700.0 FEET	MAX. STORAGE	MAX. ELEV.	6040.0 FEET	MAX. STORAGE	MAX. ELEV.	6085.0 FEET	MAX. STORAGE	MAX. ELEV.	7519.4 FEET	MAX. STORAGE	MAX. ELEV.	7160.0 FEET
INFLOW	ELEVATION	CONTENT	RELEASE	ELEVATION	CONTENT	RELEASE	ELEVATION	CONTENT	RELEASE	ELEVATION	CONTENT	RELEASE	ELEVATION	CONTENT	RELEASE	
FT3/S	(FEET)	(1000 AF)	FT3/S	(FEET)	(1000 AF)	FT3/S	(FEET)	(1000 AF)	FT3/S	(FEET)	(1000 AF)	FT3/S	(FEET)	(1000 AF)	FT3/S	
1	4800	3600.33	11782	9700	6009.16	2610	850	5996.74	710	250	7459.84	370.3	360	7152.05	110.7	310
2	4500	3600.25	11774	10600	6009.15	2610	850	5996.71	710	250	7459.87	370.4	320	7152.17	110.8	300
3	4700	3600.14	11763	10100	6009.15	2610	850	5996.71	710	250	7459.92	370.8	220	7152.28	110.9	200
4	5100	3600.03	11753	10200	6009.15	2610	850	5996.69	710	250	7459.92	370.8	340	7152.68	111.2	200
5	5500	3599.92	11742	10100	6009.15	2610	850	5996.69	710	250	7459.98	371.1	180	7152.72	111.2	190
6	5700	3599.81	11732	9400	6009.15	2610	850	5996.70	710	250	7460.11	371.9	0	7152.19	110.8	240
7	5500	3599.76	11727	8300	6009.14	2610	850	5996.71	710	250	7460.16	372.2	260	7152.28	110.9	250
8	5500	3599.64	11716	10000	6009.13	2610	850	5996.71	710	250	7460.18	372.4	260	7152.40	111.0	240
9	5500	3599.56	11708	10100	6009.12	2610	850	5996.71	710	250	7460.23	372.7	260	7152.50	111.0	240
10	5700	3599.45	11698	10000	6009.11	2610	850	5996.70	710	250	7460.23	372.7	260	7152.42	111.0	300
11	5800	3599.37	11690	10100	6009.10	2610	860	5996.68	710	250	7460.25	372.8	250	7152.51	111.0	240
12	5700	3599.23	11677	10100	6009.09	2610	860	5996.65	710	250	7460.22	372.6	380	7152.95	111.4	230
13	5200	3599.14	11668	9400	6009.08	2610	860	5996.63	710	250	7460.30	373.1	0	7152.40	111.0	240
14	5300	3599.02	11657	8500	6009.07	2610	860	5996.61	710	250	7460.34	373.3	240	7152.48	111.0	240
15	5300	3599.03	11658	10000	6009.07	2610	860	5996.59	710	250	7460.38	373.6	220	7152.65	111.1	190
16	5100	3598.88	11644	10000	6009.07	2610	860	5996.56	710	250	7460.39	373.7	330	7152.76	111.2	310
17	5100	3598.79	11635	9900	6009.06	2610	860	5996.53	710	250	7460.37	373.5	360	7152.98	111.4	290
18	5100	3598.66	11623	10000	6009.05	2610	860	5996.50	710	250	7460.35	373.4	400	7153.30	111.7	300
19	4900	3598.55	11612	10000	6009.04	2610	860	5996.47	710	250	7460.37	373.5	260	7153.32	111.7	280
20	4300	3598.45	11603	9400	6009.03	2610	860	5996.47	710	250	7460.50	374.3	0	7152.62	111.1	300
21	4600	3598.34	11592	8700	6009.03	2610	860	5996.50	710	250	7460.55	374.6	230	7152.69	111.2	240
22	4800	3598.23	11582	10200	6009.03	2610	860	5996.50	710	250	7460.63	375.1	240	7152.76	111.2	240
23	4800	3598.11	11571	10000	6009.03	2610	870	5996.50	710	250	7460.65	375.3	210	7153.02	111.4	150
24	4800	3597.98	11558	10200	6009.00	2610	860	5996.51	710	250	7460.65	375.3	240	7153.16	111.6	210
25	4800	3597.92	11553	9100	6008.97	2610	860	5996.51	710	250	7460.69	375.5	220	7153.26	111.6	210
26	5000	3597.73	11535	10200	6008.95	2610	860	5996.48	710	250	7460.73	375.8	250	7153.33	111.7	250
27	4900	3597.64	11526	9400	6008.95	2610	860	5996.48	710	250	7460.83	376.4	0	7152.93	111.4	190
28	4800	3597.55	11518	9100	6008.94	2610	860	5996.45	710	250	7460.81	376.3	320	7152.98	111.4	320
29	5000	3597.45	11508	10200	6008.93	2610	850	5996.40	710	250	7460.81	376.3	330	7153.20	111.6	250
30	4900	3597.36	11500	10200	6008.91	2610	850	5996.39	710	250	7460.83	376.4	270	7153.36	111.7	240
31	4700	3597.22	11487	10200	6008.89	2610	850	5996.63	710	250	7460.86	376.6	260	7153.36	111.7	280
TOT	157400			303400			26540		7750			7470				7670
AVE	5077			9790			860		250			240				250
A F	312200			602000			53000		15400			14800				15200

GLEN CANYON TO HOOVER DAM LOSSES

DECEMBER 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	9700	9990	15334	-3	309	756	-98	-1386	-2749	9440
2	10600	10800	15326	-8	309	756	-262	350	-2055	7570
3	10100	10500	15323	-3	309	756	-98	-276	-2602	9950
4	10200	9260	15330	7	309	756	229	-3484	-9513	14100
5	10100	8450	15330	0	309	756	0	619	-8286	9510
6	9400	7780	15327	-3	309	756	-98	2926	-2483	7230
7	8300	6800	15334	7	309	756	229	-1479	-5416	11600
8	10000	10200	15334	0	309	756	0	-1850	-9085	11300
9	10100	13100	15326	-8	309	756	-262	-1568	-12196	9870
10	10000	12300	15319	-7	309	756	-229	426	-11352	9610
11	10100	11300	15315	-4	309	756	-131	-164	-11678	10200
12	10100	10100	15317	2	309	756	66	-2190	-16023	12200
13	9400	11100	15314	-3	309	756	-98	-500	-17014	10600
14	8500	9730	15321	7	309	756	229	-4498	-25936	14600
15	10000	11300	15321	0	309	756	0	-2965	-31818	12400
16	10000	12100	15307	-14	309	756	-459	2834	-26196	5650
17	9900	9760	15306	-1	309	756	-33	-307	-26805	10300
18	10000	10100	15304	-2	309	756	-66	-69	-26942	10100
19	10000	10700	15302	-2	309	756	-66	-752	-28434	10700
20	9400	8350	15296	-6	309	756	-197	3846	-20805	6190
21	8700	9390	15308	12	309	756	393	-6861	-34413	16900
22	10200	10200	15305	-3	309	756	-98	-205	-34819	9650
23	10000	11700	15303	-2	309	756	-66	-3037	-40844	11700
24	10200	9080	15302	-1	309	756	-33	605	-39643	9610
25	9100	7770	15299	-3	309	756	-98	2823	-34045	7220
26	10200	7780	15309	10	309	756	328	-4001	-41981	14200
27	9400	11900	15306	-3	309	756	-98	-2293	-46530	11400
28	9100	11600	15302	-4	309	756	-131	-352	-47229	10500
29	10200	11700	15300	-2	309	756	-66	-2250	-51692	11700
30	10200	11100	15294	-6	309	756	-197	150	-51394	8940
31	10200	8280	15300	6	309	756	197	-2363	-56082	12600
TOTAL	303500	314200			9579	23436			-56082	327400