

BUREAU OF RECLAMATION
LOWER COLORADO REGION
BOULDER CITY, NEVADA

ACCUMULATIONS FOR DECEMBER 2002

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		CFS	A.F.	ACCUM.	GEN	DIVER. A.F.		AT INTAKE ACCUM.	CFS	A.F.	ACCUM.	GROSS GEN.	DIVER. A.F.	ACCUM. A.F.	
1	8700	17256	1153.28	9063	17976	17976	7804	434	636.12	10050	19926	19926	2366	3884	3884	446.76	6790	13467	13467	883	4711	4711	
2	10100	37289	1153.20	12219	24236	42211	10924	451	636.15	10070	19964	39890	2415	3852	7736	446.71	7380	14637	28104	969	2168	6879	
3	9600	56331	1153.29	11273	22360	64571	9887	442	636.35	9490	18822	58712	2280	3431	11167	446.72	7790	15460	43564	1024	1573	8452	
4	10100	76364	1153.18	12102	24004	88575	10697	446	636.56	8840	17528	76240	2116	3566	14733	446.86	5370	10647	54211	703	1565	10017	
5	10100	96397	1153.16	10162	20156	108730	8803	437	636.67	8620	17100	93340	2068	3350	18083	446.99	4660	9239	63450	675	1565	11581	
6	10200	116628	1153.14	12531	24856	133586	10977	442	636.80	9540	18930	112270	2304	3477	21560	447.19	4740	9394	72844	618	1577	13158	
7	9600	135669	1153.12	10704	21232	154818	9253	436	637.01	8430	16730	129000	2030	3947	25507	447.29	4750	9431	82275	621	3497	16655	
8	8600	152727	1153.11	10182	20196	175013	8904	441	637.19	7130	14148	143148	1697	3896	29403	447.14	4760	9450	91725	623	5883	22538	
9	10100	172760	1153.09	12455	24704	199717	11015	446	637.46	8720	17306	160454	2100	3888	33291	447.03	4480	8884	100609	579	3598	26136	
10	10200	192992	1153.07	11602	23012	222729	10243	445	637.73	8160	16186	176640	1968	2963	36254	447.10	5000	9911	110520	645	3598	29734	
11	10200	213223	1153.05	11815	23436	246164	10469	447	637.94	8000	15864	192504	1934	2985	39239	446.94	6080	12052	122572	768	3640	33374	
12	9800	232661	1152.96	12158	24116	270280	10772	447	638.15	9060	17964	210468	2206	2987	42226	446.87	5650	11206	133778	719	3598	36972	
13	10200	252893	1152.94	12326	24448	294728	10873	445	638.34	9010	17870	228338	2199	3923	46149	446.81	5960	11813	145591	788	2001	38973	
14	9700	272132	1152.98	10079	19992	314719	8808	441	638.34	8620	17096	245434	2103	3905	50055	446.67	6190	12268	157859	813	4036	43010	
15	8700	289388	1152.84	11390	22592	337311	10004	443	638.60	8620	17104	262538	2102	3890	53944	446.33	6550	12989	170848	862	7010	50019	
16	10200	309620	1152.81	10581	20988	358299	9222	439	638.63	9630	19108	281646	2360	3834	57779	446.09	6530	12956	183804	841	4243	54262	
17	10200	329851	1152.77	10581	20988	379286	9287	442	638.63	9680	19194	300840	2367	2908	60686	446.11	6180	12259	196063	807	3852	58114	
18	10200	350083	1152.82	12759	25308	404594	11276	446	638.92	9640	19112	319952	2333	3911	64598	446.12	5760	11425	207488	754	4251	62364	
19	10300	370512	1152.69	15095	29940	434534	13554	453	639.23	9670	19182	339134	2321	3874	68471	446.28	3960	7853	215341	491	4499	66863	
20	10200	390744	1152.58	16534	32796	467329	14823	452	639.76	8990	17826	356960	2155	3346	71818	446.38	4610	9135	224476	570	4780	71643	
21	9500	409587	1152.58	10039	19912	487241	8667	435	639.93	8340	16552	373512	1997	3909	75727	446.44	4550	9023	233499	588	4794	76437	
22	8800	427041	1152.53	12880	25548	512788	11375	445	640.32	7720	15320	388832	1847	3443	79170	446.40	3490	6927	240426	417	7010	83447	
23	10100	447074	1152.47	13378	26536	539324	11856	447	640.66	7760	15390	404222	1857	3368	82538	446.37	3770	7481	247907	460	4778	88225	
24	10100	467107	1152.44	13040	25864	565188	11540	446	640.99	7800	15471	419693	1868	3406	85944	446.25	4630	9184	257091	580	4731	92955	
25	8700	484364	1152.39	10117	20068	585255	8847	441	641.17	7690	15251	434944	1891	3420	89363	446.05	4600	9117	266208	596	7008	99963	
26	10200	504595	1152.34	14861	29476	614731	13240	449	641.55	8840	17544	452488	2151	3445	92809	446.11	3510	6959	273167	384	4435	104398	
27	10200	524826	1152.23	13586	26948	641679	12018	446	641.85	9100	18048	470536	2224	3451	96260	446.06	5190	10296	283463	654	4358	108756	
28	9600	543868	1152.27	6625	13140	654818	5423	413	641.55	8980	17820	488356	2189	3457	99717	446.12	4590	9106	292569	570	4500	113256	
29	8700	561124	1152.31	9020	17892	672710	7719	431	641.56	9960	19762	508118	2435	3471	103188	446.04	4290	8510	301079	506	7014	120270	
30	10200	581355	1152.29	12548	24888	697598	10994	442	641.74	9300	18452	526570	2272	3491	106679	446.25	4690	9297	310376	570	4078	124348	
31	10200	601587	1152.13	16635	32996	730593	15015	455	642.27	8950	17750	544320	2184	3739	110418	446.21	5810	11519	321895	742	4080	128428	
TOTAL							324289						66339							20821			

BUREAU OF RECLAMATION
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AVAILABLE RESERVOIR ELEVATIONS AND CONTENTS FOR DECEMBER 2002

AVAILABLE CAPACITY IN A.F. ELEVATION IN FEET			LAKE MEAD *25877000 1219.6	LAKE MOHAVE 1809800 647.0			LAKE HAVASU 619400 450.0			SENATOR WASH 9144 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	37136.2	23745.9	1153.28	16848	9060	636.12	1514.9	10000	446.76	556.7	6790	224.10	4194	0	799
2	37116.9	23765.1	1153.20	16839	12200	636.15	1515.6	10100	446.71	555.7	7380	221.96	3692	0	242
3	37118.8	23763.3	1153.29	16849	11300	636.35	1520.9	9490	446.72	555.9	7790	223.60	4074	212	0
4	37103.5	23778.5	1153.18	16837	12100	636.56	1526.3	8840	446.86	558.5	5370	231.60	6256	1099	0
5	37094.5	23787.6	1153.16	16834	10200	636.67	1529.3	8620	446.99	560.9	4660	238.00	8400	1233	0
6	37089.1	23792.9	1153.14	16832	12500	636.80	1532.5	9540	447.19	564.7	4740	239.96	9129	530	0
7	37083.1	23798.9	1153.12	16830	10700	637.01	1538.2	8430	447.29	566.6	4750	239.64	9009	71	0
8	37073.0	23809.1	1153.11	16829	10200	637.19	1542.9	7130	447.14	563.8	4760	239.94	9121	169	0
9	37061.8	23820.2	1153.09	16826	12500	637.46	1550.1	8720	447.03	561.7	4480	239.84	9084	96	0
10	37056.6	23825.5	1153.07	16824	11600	637.73	1557.2	8160	447.10	563.0	5000	239.94	9121	127	0
11	37046.8	23835.3	1153.05	16822	11800	637.94	1562.7	8000	446.94	559.9	6080	238.10	8437	0	278
12	37027.7	23854.3	1152.96	16812	12200	638.15	1568.2	9060	446.87	558.7	5650	232.68	6592	0	931
13	37015.8	23866.2	1152.94	16809	12300	638.34	1573.3	9010	446.81	557.7	5960	226.75	4868	0	919
14	37009.2	23872.8	1152.98	16814	10100	638.34	1573.1	8620	446.67	554.9	6190	223.94	4155	0	349
15	36982.1	23900.0	1152.84	16798	11400	638.60	1580.0	8620	446.33	548.8	6550	227.71	5127	0	516
16	36966.8	23915.3	1152.81	16795	10600	638.63	1580.8	9630	446.09	544.3	6530	228.50	5346	0	148
17	36944.8	23937.2	1152.77	16790	10600	638.63	1580.9	9680	446.11	544.7	6180	230.41	5897	326	0
18	36943.2	23938.9	1152.82	16796	12800	638.92	1588.6	9640	446.12	544.9	5760	231.92	6353	280	0
19	36927.8	23954.3	1152.69	16781	15100	639.23	1597.0	9670	446.28	547.9	3960	233.65	6905	336	0
20	36913.3	23968.8	1152.58	16769	16500	639.76	1611.1	8990	446.38	549.7	4610	235.80	7623	446	0
21	36913.0	23969.1	1152.58	16769	10000	639.93	1615.7	8340	446.44	550.9	4550	234.49	7147	6	172
22	36906.6	23975.5	1152.53	16763	12900	640.32	1626.2	7720	446.40	550.0	3490	233.95	7701	0	0
23	36892.7	23989.3	1152.47	16756	13400	640.66	1635.2	7760	446.37	549.5	3770	229.71	5691	0	650
24	36883.1	23999.0	1152.44	16753	13000	640.99	1644.0	7800	446.25	547.3	4630	229.04	5498	0	60
25	36869.6	24012.4	1152.39	16747	10100	641.17	1649.0	7690	446.05	543.7	4600	232.13	6419	0	0
26	36858.4	24023.6	1152.34	16741	14900	641.55	1659.1	8840	446.11	544.7	3510	231.73	6295	0	0
27	36844.5	24037.5	1152.23	16729	13600	641.85	1667.4	9100	446.06	543.8	5190	231.37	6185	0	0
28	36829.1	24053.0	1152.27	16734	6620	641.55	1659.3	8980	446.12	545.0	4590	228.38	5312	0	430
29	36818.3	24063.8	1152.31	16738	9020	641.56	1659.4	9960	446.04	543.5	4290	222.20	3747	0	774
30	36816.5	24065.6	1152.29	16736	12500	641.74	1664.4	9300	446.25	547.4	4690	216.15	2520	0	631
31	36795.7	24086.3	1152.13	16718	16600	642.27	1678.8	8950	446.21	546.7	5810	212.78	1968	0	297
TOTAL					368400			274390			162310			4931	7196
AVE.					11880			8850			5240			159	232
AC FT					731000			544000			322000			9780	14273

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

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COLORADO RIVER STORAGE PROJECT DATA (operational) FOR DECEMBER 2002

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		
DATE	INFLOW FT3/S	ELEVATION (FEET)	CONTENT (1000 AF)	RELEASE FT3/S	ELEVATION (FEET)	CONTENT (1000 AF)	RELEASE FT3/S	ELEVATION (FEET)	CONTENT (1000 AF)	RELEASE FT3/S	ELEVATION (FEET)	CONTENT (1000 AF)	RELEASE FT3/S	ELEVATION (FEET)	CONTENT (1000 AF)	RELEASE FT3/S
1	4900	3623.16	14101	8700	6010.17	2650	810	6012.03	840	350	7443.62	278.1	180	7150.19	109.2	220
2	4800	3623.07	14091	10100	6010.17	2650	810	6012.00	840	350	7443.69	278.5	180	7150.20	109.2	200
3	4900	3622.94	14077	9600	6010.17	2650	810	6011.99	840	350	7443.77	278.9	150	7150.18	109.2	180
4	4900	3622.84	14067	10100	6010.16	2650	810	6011.96	840	350	7443.83	279.2	180	7150.24	109.3	180
5	4600	3622.74	14056	10100	6010.15	2650	820	6011.91	840	350	7443.88	279.5	180	7150.20	109.2	220
6	4500	3622.65	14046	10200	6010.14	2650	820	6011.87	840	350	7443.93	279.7	190	7150.22	109.2	200
7	4700	3622.55	14035	9600	6010.13	2650	820	6011.82	840	350	7443.98	280.0	190	7150.24	109.3	200
8	4800	3622.46	14026	8600	6010.11	2640	820	6011.78	840	350	7444.02	280.2	180	7150.20	109.2	210
9	4800	3622.35	14014	10100	6010.10	2640	820	6011.72	840	350	7444.03	280.2	250	7150.24	109.3	260
10	4900	3622.26	14004	10200	6010.08	2640	820	6011.66	840	350	7444.02	280.2	250	7150.17	109.2	290
11	4700	3622.18	13996	10200	6010.06	2640	820	6011.60	840	350	7444.00	280.1	280	7150.31	109.3	240
12	4700	3622.07	13984	9800	6010.04	2640	820	6011.54	840	350	7444.00	280.1	230	7150.39	109.4	220
13	4600	3621.96	13972	10200	6010.02	2640	820	6011.50	840	350	7444.03	280.2	280	7150.67	109.6	190
14	4600	3621.89	13965	9700	6010.00	2640	820	6011.44	830	350	7444.08	280.5	190	7150.66	109.6	210
15	4500	3621.79	13954	8700	6009.98	2640	820	6011.39	830	350	7444.12	280.7	190	7150.63	109.6	210
16	4300	3621.72	13946	10200	6009.96	2640	820	6011.33	830	350	7444.16	280.9	220	7150.65	109.6	220
17	4200	3621.56	13929	10200	6009.94	2640	820	6011.33	830	350	7444.27	281.5	200	7150.69	109.6	210
18	4100	3621.43	13915	10200	6009.92	2640	820	6011.27	830	350	7444.32	281.8	200	7150.80	109.7	180
19	4200	3621.33	13905	10300	6009.90	2640	820	6011.23	830	350	7444.34	281.9	210	7150.84	109.7	210
20	4500	3621.18	13889	10200	6009.88	2640	810	6011.15	830	350	7444.36	282.0	150	7150.81	109.7	170
21	4700	3621.14	13884	9500	6009.86	2640	810	6011.09	830	350	7444.38	282.1	180	7150.81	109.7	200
22	4700	3621.06	13876	8800	6009.84	2640	810	6011.03	830	350	7444.40	282.2	200	7150.79	109.7	220
23	4600	3620.93	13862	10100	6009.82	2640	830	6010.98	830	350	7444.43	282.4	180	7150.73	109.6	220
24	4700	3620.82	13850	10100	6009.81	2640	810	6010.94	830	350	7444.42	282.3	320	7150.75	109.7	320
25	4500	3620.75	13843	8700	6009.79	2630	810	6010.88	830	350	7444.45	282.5	200	7150.78	109.7	200
26	4400	3620.61	13828	10200	6009.77	2630	810	6010.84	830	350	7444.46	282.5	200	7150.84	109.7	190
27	4000	3620.54	13821	10200	6009.76	2630	810	6010.79	830	350	7444.47	282.6	200	7150.86	109.7	210
28	4000	3620.43	13809	9600	6009.75	2630	810	6010.73	830	350	7444.48	282.6	200	7150.84	109.7	220
29	3800	3620.31	13796	8700	6009.74	2630	810	6010.67	830	350	7444.50	282.7	200	7150.80	109.7	230
30	3700	3620.24	13789	10200	6009.73	2630	810	6010.63	830	350	7444.54	282.9	200	7150.79	109.7	220
31	3900	3620.10	13774	10200	6009.71	2630	810	6010.55	830	350	7444.59	283.2	190	7150.72	109.6	230
TOT	139200			303300			25280			10850			6350			6680
AVE	4490			9780			820			350			200			220
A F	276100			602000			50000			21500			12600			13200

BUREAU OF RECLAMATION
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GLEN CANYON TO HOOVER DAM LOSSES

DECEMBER 2002

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	8700	9060	16848	-2		-96759	-66			
2	10100	12200	16839	-9		-96759	-295			
3	9600	11300	16849	10		-96759	328			
4	10100	12100	16837	-12		-96759	-393			
5	10100	10200	16834	-3		-96759	-98			
6	10200	12500	16832	-2		-96759	-66			
7	9600	10700	16830	-2		-96759	-66			
8	8600	10200	16829	-1		-96759	-33			
9	10100	12500	16826	-3		-96759	-98			
10	10200	11600	16824	-2		-96759	-66			
11	10200	11800	16822	-2		-96759	-66			
12	9800	12200	16812	-10		-96759	-328			
13	10200	12300	16809	-3		-96759	-98			
14	9700	10100	16814	5		-96759	164			
15	8700	11400	16798	-16		-96759	-524			
16	10200	10600	16795	-3		-96759	-98			
17	10200	10600	16790	-5		-96759	-164			
18	10200	12800	16796	6		-96759	197			
19	10300	15100	16781	-15		-96759	-492			
20	10200	16500	16769	-12		-96759	-393			
21	9500	10000	16769	0		-96759	0			
22	8800	12900	16763	-6		-96759	-197			
23	10100	13400	16756	-7		-96759	-229			
24	10100	13000	16753	-3		-96759	-98			
25	8700	10100	16747	-6		-96759	-197			
26	10200	14900	16741	-6		-96759	-197			
27	10200	13600	16729	-12		-96759	-393			
28	9600	6620	16734	5		-96759	164			
29	8700	9020	16738	4		-96759	131			
30	10200	12500	16736	-2		-96759	-66			
31	10200	16600	16718	-18		-96759	-590			
TOTAL	303300	368340			0	-2999529			-191919	0

