

BUREAU OF RECLAMATION  
 LOWER COLORADO REGION  
 BOULDER CITY, NEVADA

ACCUMULATIONS FOR JUNE 2004

DAY	GLEN CANYON		LAKE MEAD ELEV.	HOOVER DAM					LAKE MOHAVE ELEV.	DAVIS DAM				MWD		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.	LAKE HAVASU ELEV.	PARKER CFS	RELEASE A.F.	ACCUM.	GROSS GEN.	DIVER. A.F.	ACCUM. A.F.	
1	11300	22413	1129.55	15720	31180	31180	12932	415	643.99	17630	34964	34964	4436	2521	2521	447.91	15030	29820	29820	1937	6095	6095	
2	14200	50579	1129.32	18203	36105	67285	15038	417	643.93	17650	35008	69972	4408	2023	4544	447.88	13910	27590	57410	1876	6002	12097	
3	13800	77950	1129.12	17087	33892	101177	14024	414	643.94	17720	35153	105125	4405	2049	6593	448.20	9550	18950	76360	1243	6044	18141	
4	14000	105719	1129.14	13535	26846	128023	10832	403	643.57	18270	36235	141360	4534	2043	8636	448.31	12030	23861	100221	1569	6097	24238	
5	13000	131504	1129.13	12654	25099	153122	10187	406	643.09	18200	36105	177465	4499	2061	10697	448.44	13030	25839	126060	1692	6000	30238	
6	12500	156298	1129.20	8965	17782	170904	7046	396	642.26	18470	36633	214098	4546	2043	12740	448.37	13760	27285	153345	1778	6109	36347	
7	14000	184066	1129.26	9065	17980	188884	7134	397	641.68	18450	36588	250686	4524	2515	15255	448.26	14060	27886	181231	1822	6105	42452	
8	14000	211835	1129.17	14558	28875	217759	11927	413	641.50	16930	33573	284259	4162	2569	17823	448.18	14000	27777	209008	1811	6103	48555	
9	14000	239603	1129.19	11238	22290	240050	8938	401	641.11	15920	31586	315845	3882	2471	20295	448.17	12230	24250	233258	1592	6103	54659	
10	14000	267372	1129.03	20913	41480	281530	17362	419	641.43	14960	29669	345514	3635	2519	22814	448.55	7980	15819	249077	1017	6107	60766	
11	13800	294744	1128.79	25625	50826	332356	21413	421	642.04	14970	29687	375201	3669	2519	25333	448.50	10820	21460	270537	1374	6105	66871	
12	12900	320331	1128.63	21607	42857	375213	17975	419	642.48	16130	31995	407196	3824	2503	27836	448.15	13990	27749	298286	1810	6105	72976	
13	12500	345124	1128.52	18544	36782	411995	15322	417	642.60	16820	33366	440562	4094	2493	30329	448.04	12840	25474	323760	1663	6127	79103	
14	13800	372496	1128.33	22414	44458	456453	18508	416	642.94	16930	33574	474136	4116	2485	32815	448.23	12240	24281	348041	1578	2989	82092	
15	13800	399868	1128.15	20375	40413	496866	16806	416	643.19	16360	32444	506580	4005	2001	34816	448.41	11420	22647	370688	1391	5028	87120	
16	13800	427240	1127.98	19781	39235	536101	16405	418	643.46	15090	29939	536519	3721	2029	36845	448.49	10640	21105	391793	1390	5222	92342	
17	13800	454612	1127.90	20254	40173	576274	16668	415	643.80	15430	30601	567120	3753	2035	38880	448.78	8600	17063	408856	1140	5226	97569	
18	13800	481983	1127.76	18096	35892	612166	14783	412	643.92	16510	32743	599863	4097	2031	40911	448.52	13460	26690	435546	1729	5171	102740	
19	12800	507372	1127.80	11227	22268	634434	8925	401	643.46	17840	35389	635252	4400	2029	42940	448.47	13430	26640	462186	1639	5220	107960	
20	12400	531967	1127.76	13721	27215	661650	11123	409	643.17	17260	34240	669492	4253	2043	44983	448.61	12570	24934	487120	1629	5220	113181	
21	13800	559339	1127.77	14107	27981	689631	11299	404	642.97	16560	32848	702340	4053	2458	47441	448.53	12580	24949	512069	1638	5219	118399	
22	13800	586711	1127.57	20321	40306	729937	16741	415	643.26	15300	30340	732680	3706	2479	49920	448.52	12210	24227	536296	1579	5224	123624	
23	13800	614083	1127.44	19254	38189	768126	15818	414	643.56	15600	30949	763629	3683	2424	52344	448.41	12330	24460	560756	1599	5222	128846	
24	13900	641653	1127.31	19217	38116	806242	15636	410	643.73	15750	31236	794865	3888	2446	54789	448.65	8600	17053	577809	1131	5222	134069	
25	13800	669025	1127.23	18918	37524	843766	15537	414	643.91	16650	33033	827898	4129	2446	57235	448.58	12280	24357	602166	1608	5220	139289	
26	12900	694611	1127.17	16329	32389	876155	13298	411	643.80	16830	33390	861288	4174	2442	59677	448.45	13490	26760	628926	1758	5195	144484	
27	12500	719405	1127.17	13128	26039	902194	10476	402	643.57	16990	33709	894997	4199	2428	62104	448.38	13310	26393	655319	1702	5119	149603	
28	13700	746578	1127.15	12731	25252	927445	10078	399	643.18	17370	34445	929442	4270	2438	64542	448.40	12710	25202	680521	1656	5117	154721	
29	13800	773950	1127.09	13823	27417	954862	11168	407	643.16	17550	34801	964243	4303	2467	67010	448.40	14270	28310	708831	1829	5224	159945	
30	13800	801322	1126.93	20233	40131	994993	16767	418	642.91	19340	38368	1002611	4758	2432	69441	448.39	14990	29731	738562	1941	5220	165166	
TOTAL							410166						124126							48121			

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AVAILABLE RESERVOIR ELEVATIONS AND CONTENTS FOR JUNE 2004

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	31656.5	29225.5	1129.55	14309	15700	643.99	1725.9	17600	447.91	578.3	15000	222.08	3719	0	786
2	31634.2	29247.8	1129.32	14284	18200	643.93	1724.2	17600	447.88	577.7	13900	227.60	5097	744	28
3	31627.4	29254.7	1129.12	14265	17100	643.94	1724.5	17700	448.20	583.8	9550	233.01	6696	873	0
4	31630.0	29252.1	1129.14	14273	13500	643.57	1714.4	18300	448.31	585.9	12000	238.91	8735	1218	0
5	31615.9	29266.1	1129.13	14266	12700	643.09	1700.9	18200	448.44	587.0	13000	239.26	8866	221	0
6	31611.1	29271.0	1129.20	14272	8960	642.26	1683.7	18500	448.37	586.3	13800	236.84	7985	56	445
7	31604.3	29277.7	1129.26	14279	9060	641.68	1662.8	18400	448.26	584.9	14100	233.16	6745	0	617
8	31600.4	29281.6	1129.17	14270	14600	641.50	1657.9	16900	448.18	583.4	14000	232.58	6561	123	185
9	31606.6	29275.5	1129.19	14272	11200	641.11	1647.4	15900	448.17	583.2	12200	235.58	7548	582	0
10	31621.8	29260.2	1129.03	14256	20900	641.43	1656.0	15000	448.55	590.4	7980	239.77	9058	929	0
11	31627.5	29254.6	1128.79	14231	25600	642.04	1672.5	15000	448.50	589.5	10800	239.66	9016	93	0
12	31633.5	29248.6	1128.63	14215	21600	642.48	1684.5	16100	448.15	582.8	14000	239.50	8956	72	0
13	31641.7	29240.3	1128.52	14204	18500	642.60	1687.8	16800	448.04	580.8	12800	238.32	8517	248	405
14	31649.1	29233.0	1128.33	14185	22400	642.94	1697.1	16900	448.23	584.4	12200	237.58	8249	240	307
15	31644.8	29237.2	1128.15	14167	20400	643.19	1703.9	16400	448.41	587.8	11400	239.64	9009	497	0
16	31643.0	29239.0	1127.98	14150	19800	643.46	1711.4	15100	448.49	589.3	10600	239.73	9042	116	0
17	31646.0	29236.1	1127.90	14142	20300	643.80	1720.7	15400	448.78	595.0	8600	239.51	8960	59	0
18	31636.1	29245.9	1127.76	14127	18100	643.92	1724.0	16500	448.52	589.9	13500	235.17	7408	0	780
19	31626.2	29255.8	1127.80	14131	11200	643.46	1711.4	17800	448.47	588.9	13400	229.35	5588	0	967
20	31622.1	29259.9	1127.76	14127	13700	643.17	1703.4	17300	448.61	591.6	12600	228.13	5242	271	447
21	31619.3	29262.7	1127.77	14128	14100	642.97	1697.9	16600	448.53	591.4	12600	231.39	6191	216	533
22	31604.3	29277.7	1127.57	14108	20300	643.26	1705.9	15300	448.52	589.9	12200	234.92	7324	630	0
23	31593.4	29288.7	1127.44	14095	19300	643.56	1714.1	15600	448.41	587.8	12300	236.22	7768	309	0
24	31584.8	29297.3	1127.31	14082	19200	643.73	1717.7	15700	448.65	592.8	8600	234.70	7250	0	192
25	31576.4	29305.7	1127.23	14074	18900	643.91	1722.9	16700	448.58	591.0	12300	233.10	6725	0	216
26	31559.8	29322.2	1127.17	14068	16300	643.80	1720.4	16800	448.45	588.6	13500	231.36	6182	0	223
27	31546.0	29336.0	1127.17	14068	13100	643.57	1714.7	17000	448.38	587.2	13300	229.94	5758	101	320
28	31542.0	29340.1	1127.15	14066	12700	643.18	1700.9	17400	448.40	587.6	12700	228.11	5237	3	253
29	31522.7	29359.3	1127.09	14060	13800	643.16	1697.1	17500	448.40	584.5	14300	231.30	6164	511	0
30	31508.4	29373.7	1126.93	14044	20200	642.91	1696.3	19300	448.39	587.4	15000	231.01	6775	16	0
TOTAL					501420			505300			372230		8128	6704	
AVE.					16710			16840			12410		271	223	
AC FT					995000			1002000			738000		16122	13297	

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

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COLORADO RIVER STORAGE PROJECT DATA (operational) FOR JUNE 2004

DATE	LAKE POWELL				FLAMING GORGE			NAVAJO			BLUE MESA			MORROW POINT		
	COMPUTED INFLOW FT3/S	MAX. STORAGE MAX. ELEV. 3700.0 FEET ELEVATION (FEET)	24322000 AF CONTENT (1000 AF)	RELEASE FT3/S	MAX. STORAGE MAX. ELEV. 6040.0 FEET ELEVATION (FEET)	3749000 AF CONTENT (1000 AF)	RELEASE FT3/S	MAX. STORAGE MAX. ELEV. 6085.0 FEET ELEVATION (FEET)	1696000 AF CONTENT (1000 AF)	RELEASE FT3/S	MAX. STORAGE MAX. ELEV. 7519.4 FEET ELEVATION (FEET)	829500 AF CONTENT (1000 AF)	RELEASE FT3/S	MAX. STORAGE MAX. ELEV. 7160.0 FEET ELEVATION (FEET)	117025 AF CONTENT (1000 AF)	RELEASE FT3/S
1	17400	3587.27	10575	11300	6008.57	2600	1030	6027.77	990	350	7487.97	565.7	0	7152.56	111.1	800
2	16400	3587.27	10575	14200	6008.57	2600	1030	6027.94	990	350	7488.11	566.7	1560	7154.06	112.3	1150
3	14400	3587.26	10574	13800	6008.61	2600	1030	6028.18	990	350	7488.49	569.7	900	7154.35	112.5	990
4	13200	3587.21	10570	14000	6008.61	2600	1020	6028.48	990	350	7488.96	573.3	950	7154.89	112.9	970
5	13000	3587.19	10568	13000	6008.58	2600	1020	6028.85	1000	350	7489.70	579.0	0	7153.34	111.7	850
6	13900	3587.17	10566	12500	6008.57	2600	1020	6029.17	1000	350	7490.35	584.1	850	7153.86	112.1	920
7	14400	3587.14	10564	14000	6008.57	2600	1020	6029.59	1000	350	7491.10	589.9	710	7154.82	112.9	590
8	15100	3587.13	10563	14000	6008.55	2590	1020	6030.03	1010	350	7491.86	595.9	590	7155.20	113.2	730
9	16300	3587.14	10564	14000	6008.54	2590	1020	6030.41	1010	350	7492.61	601.8	510	7155.50	113.4	640
10	17200	3587.15	10564	14000	6008.53	2590	1030	6030.76	1020	350	7493.37	607.8	420	7155.34	113.3	690
11	17600	3587.17	10566	13800	6008.53	2590	1030	6031.00	1020	350	7493.75	610.8	590	7155.40	113.3	730
12	17500	3587.21	10570	12900	6008.51	2590	1030	6031.15	1020	350	7494.31	615.3	0	7153.13	111.5	1040
13	16800	3587.30	10578	12500	6008.49	2590	1030	6031.27	1020	350	7494.52	617.0	1070	7153.84	112.1	900
14	15700	3587.35	10582	13800	6008.49	2590	1030	6031.45	1020	350	7494.73	618.6	900	7153.95	112.2	990
15	14600	3587.31	10579	13800	6008.49	2590	1030	6031.56	1020	350	7494.97	620.6	990	7154.26	112.4	1010
16	13600	3587.32	10580	13800	6008.47	2590	1030	6031.68	1030	350	7495.23	622.6	920	7154.60	112.7	880
17	13200	3587.22	10571	13800	6008.45	2590	1030	6031.79	1030	350	7495.61	624.6	940	7154.87	112.9	950
18	13400	3587.22	10571	13800	6008.49	2590	1020	6031.87	1030	350	7495.81	626.2	1140	7155.16	113.1	1110
19	12800	3587.14	10564	12800	6008.53	2590	1020	6031.93	1030	350	7496.27	629.6	0	7152.54	111.1	1130
20	12100	3587.10	10560	12400	6008.54	2590	1020	6031.99	1030	350	7496.42	631.0	1160	7152.87	111.3	1100
21	11300	3587.02	10553	13800	6008.55	2590	1020	6032.02	1030	350	7496.55	632.0	1190	7153.48	111.8	1030
22	11000	3586.92	10544	13800	6008.55	2590	1020	6032.04	1030	350	7496.58	632.2	1350	7154.21	112.4	1130
23	11000	3586.81	10534	13800	6008.57	2600	1020	6032.01	1030	350	7496.59	632.3	1380	7154.62	112.7	1280
24	10600	3586.73	10527	13900	6008.55	2590	1020	6031.98	1030	350	7496.58	632.2	1430	7155.01	113.0	1330
25	10400	3586.66	10521	13800	6008.53	2590	1020	6031.98	1030	350	7496.53	631.9	1520	7155.40	113.3	1430
26	9900	3586.53	10509	12900	6008.61	2600	1030	6031.95	1030	350	7496.90	634.7	0	7152.27	110.8	1320
27	9300	3586.40	10498	12500	6008.63	2600	1020	6031.92	1030	350	7496.78	634.4	1570	7153.00	111.4	1350
28	8900	3586.45	10502	13700	6008.65	2600	1030	6031.93	1030	370	7496.83	634.1	1520	7153.55	111.9	1350
29	8900	3586.28	10487	13800	6008.67	2600	1030	6031.94	1030	500	7496.82	634.0	1520	7154.07	112.3	1360
30	9100	3586.16	10476	13800	6008.69	2600	1010	6031.96	1030	500	7496.91	634.9	1520	7154.59	112.7	1360
TOT	399000			404000			30730			10820			27200			31110
AVE	13300			13470			1020			360			910			1040
A F	791400			801000			61000			21500			54000			61700

BUREAU OF RECLAMATION  
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 BOULDER CITY, NEVADA

GLEN CANYON TO HOOVER DAM LOSSES

JUNE 2004

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	11300	15700	14309	-15	760	1086	-492	-1516	-3007	9490
2	14200	18200	14284	-25	739	1086	-819	2336	1626	6600
3	13800	17100	14265	-19	780	1086	-623	2573	6729	8760
4	14000	13500	14273	8	748	1086	262	-5477	-4134	19600
5	13000	12700	14266	-7	746	1086	-229	3044	1902	10800
6	12500	8960	14272	6	728	1086	197	52	2005	14000
7	14000	9060	14279	7	742	1086	229	-1648	-1264	14600
8	14000	14600	14270	-9	749	1086	-295	856	433	11600
9	14000	11200	14272	2	758	1086	66	-69	297	14100
10	14000	20900	14256	-16	205	1086	-524	432	1153	13600
11	13800	25600	14231	-25	694	1086	-819	15	1183	14000
12	12900	21600	14215	-16	718	1086	-524	-771	-346	14800
13	12500	18500	14204	-11	703	1086	-360	-584	-1505	14400
14	13800	22400	14185	-19	698	1086	-623	-1110	-3706	14000
15	13800	20400	14167	-18	699	1086	-590	11	-3684	12500
16	13800	19800	14150	-17	712	1086	-557	1330	-1046	12500
17	13800	20300	14142	-8	704	1086	-262	-4008	-8995	17800
18	13800	18100	14127	-15	687	1086	-492	2015	-4999	11800
19	12800	11200	14131	4	692	1086	131	-1352	-7680	15100
20	12400	13700	14127	-4	702	1086	-131	479	-6731	13300
21	13800	14100	14128	1	699	1086	33	-3572	-13816	16400
22	13800	20300	14108	-20	694	1086	-655	1098	-11639	11300
23	13800	19300	14095	-13	725	1086	-426	-303	-12241	14100
24	13900	19200	14082	-13	721	1086	-426	-199	-12636	14000
25	13800	18900	14074	-8	713	1086	-262	-2561	-17717	16400
26	12900	16300	14068	-6	726	1086	-197	-1037	-19773	14900
27	12500	13100	14068	0	706	1086	0	-1109	-21972	14900
28	13700	12700	14066	-2	730	1086	-66	-567	-23096	13400
29	13800	13800	14060	-6	701	1086	-197	101	-22896	12400
30	13800	20200	14044	-16	710	1086	-524	339	-22223	13400
TOTAL	404200	501640			21089	32580			-22224	404700

