

BUREAU OF RECLAMATION
 LOWER COLORADO REGION
 BOULDER CITY, NEVADA

ACCUMULATIONS FOR JULY 2004

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.	GROSS GEN	DIVER. A.F.	AT INTAKE ACCUM.		CFS	A.F.	ACCUM.	GROSS GEN.	DIVER. A.F.	ACCUM. A.F.	
1	14800	29355	1126.74	14923	29599	29599	12024	406	642.88	15940	31609	31609	3918	2376	2376	448.54	9390	18621	18621	1240	5222	5222	
2	13800	56727	1126.72	15888	31514	61113	12687	403	642.75	16000	31728	63337	3927	1944	4320	448.68	10600	21021	39642	1384	4977	10199	
3	14000	84496	1126.80	8727	17309	78422	6615	382	642.21	15810	31365	94702	3862	1944	6264	448.66	12030	23859	63501	1567	5274	15473	
4	12300	108893	1126.85	8922	17697	96119	6848	387	641.88	13550	26882	121584	3298	1960	8223	448.58	12470	24737	88238	1626	5250	20723	
5	13700	136066	1126.75	18485	36664	132783	15350	419	642.25	13470	26709	148293	3284	1956	10179	448.18	13460	26702	114940	1752	5193	25916	
6	13900	163636	1126.61	18606	36904	169687	15381	417	642.39	15800	31335	179628	3868	1968	12147	447.92	13490	26763	141703	1756	3039	28955	
7	13900	191207	1126.61	13394	26566	196253	10832	408	642.28	14810	29373	209001	3622	1482	13628	447.97	11740	23281	164984	1528	3043	31997	
8	14300	219570	1126.58	12971	25728	221981	10193	396	642.11	14830	29407	238408	3584	1448	15076	448.27	9280	18411	183395	1230	3039	35036	
9	14400	248132	1126.54	15414	30574	252555	12511	409	642.01	14750	29264	267672	3561	1454	16530	448.25	12440	24678	208073	1615	3041	38077	
10	14600	277091	1126.54	13621	27017	279572	10965	406	641.92	14710	29187	296859	3565	1472	18002	448.26	13320	26425	234498	1739	3039	41115	
11	13600	304066	1126.55	12496	24786	304358	10146	409	641.97	14870	29486	326345	3586	1428	19430	448.01	13200	26180	260678	1712	3043	44158	
12	15200	334215	1126.42	20341	40345	344703	16828	417	642.19	14760	29286	355631	3579	1452	20882	447.84	12500	24788	285466	1614	3043	47201	
13	15100	364165	1126.26	20636	40931	385634	17023	416	642.60	14700	29167	384798	3594	1456	22338	448.13	11040	21905	307371	1431	3039	50239	
14	15400	394711	1126.16	18636	36964	422598	15176	411	642.77	14890	29538	414336	3635	1870	24208	448.27	10610	21035	328406	1383	3035	53274	
15	15400	425256	1126.11	18647	36985	459583	15125	409	643.16	14860	29468	443804	3629	2448	26656	448.45	9820	19473	347879	1291	3039	56313	
16	15400	455802	1125.98	19521	38719	498302	15859	410	643.56	15240	30238	474042	3735	2452	29107	448.41	12020	23848	371727	1561	3041	59353	
17	15000	485554	1126.10	12210	24218	522520	9519	393	643.25	15430	30601	504643	3788	2434	31541	448.33	13750	27279	399006	1789	3039	62392	
18	14200	513719	1126.00	17000	33719	556239	13945	414	643.36	16050	31825	536468	3794	2434	33975	448.26	12490	24773	423779	1625	3037	65429	
19	15300	544066	1125.94	20789	41234	597474	17228	418	643.58	16590	32914	569382	4066	2396	36371	448.21	13520	26815	450594	1755	3043	68471	
20	15300	574413	1126.01	12271	24339	621813	9752	401	643.28	16080	31898	601280	3953	1307	37678	448.20	13510	26793	477387	1748	3037	71508	
21	15400	604959	1126.03	11065	21948	643761	8556	390	643.01	14820	29397	630677	3628	1468	39146	448.31	12010	23831	501218	1567	3043	74551	
22	15400	635504	1126.01	16288	32306	676067	13207	409	643.10	14740	29238	659915	3598	1468	40614	448.56	9520	18888	520106	1256	3041	77591	
23	15500	666248	1125.96	16997	33712	709779	13911	413	643.24	14740	29230	689145	3616	1470	42083	448.46	12510	24820	544926	1635	2120	79712	
24	14900	695802	1125.94	13789	27350	737129	11000	402	643.11	14400	28572	717717	3525	970	43053	448.49	12490	24780	569706	1628	3041	82752	
25	13800	723173	1125.92	16075	31884	769013	13087	410	643.33	14110	27987	745704	3449	970	44023	448.41	12020	23842	593548	1561	3051	85803	
26	15500	753917	1125.89	16692	33108	802121	13499	408	643.26	15450	30651	776355	3786	964	44987	448.23	13520	26813	620361	1754	3025	88828	
27	15100	783868	1125.93	13227	26235	828357	10510	401	643.06	15430	30607	806962	3781	986	45973	448.29	13020	25823	646184	1684	3047	91874	
28	14800	813223	1125.90	13299	26378	854735	10546	400	642.98	15070	29885	836847	3681	1482	47455	448.38	12010	23820	670004	1535	3041	94915	
29	14900	842777	1125.80	17604	34917	889652	14316	410	643.00	14900	29548	866395	3642	1505	48960	448.73	9030	17904	687908	1176	3039	97954	
30	14500	871537	1125.73	17365	34443	924095	14037	408	643.24	12760	25303	891698	3109	1513	50473	448.82	10840	21505	709413	1409	3041	100994	
31	14400	900099	1125.73	14306	28375	952470	11596	409	643.29	13110	25995	917693	3197	1523	51997	448.77	11000	21827	731240	1436	3041	104035	
TOTAL							388272						112860							47987			

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AVAILABLE RESERVOIR ELEVATIONS AND CONTENTS FOR JULY 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	31482.7	29399.4	1126.74	14025	14900	642.88	1695.4	15900	448.54	590.5	9390	230.65	5968	0	0
2	31469.9	29412.2	1126.72	14023	15900	642.75	1691.9	16000	448.68	593.2	10600	235.66	7575	935	0
3	31453.8	29428.3	1126.80	14031	8730	642.21	1677.1	15800	448.66	592.8	12000	239.92	9114	983	0
4	31445.3	29436.8	1126.85	14036	8920	641.88	1668.2	13600	448.58	591.3	12500	239.57	8983	63	0
5	31431.7	29450.4	1126.75	14026	18500	642.25	1678.2	13500	448.18	583.5	13500	236.62	7908	0	496
6	31405.3	29476.7	1126.61	14012	18600	642.39	1682.0	15800	447.92	578.5	13500	231.52	6231	0	873
7	31389.0	29493.1	1126.61	14012	13400	642.28	1679.0	14800	447.97	579.4	11700	229.63	5668	90	367
8	31373.0	29509.0	1126.58	14009	13000	642.11	1674.4	14800	448.27	585.2	9280	231.84	6329	382	0
9	31348.1	29534.0	1126.54	14005	15400	642.01	1671.7	14800	448.25	584.8	12400	234.62	7224	535	0
10	31331.4	29550.6	1126.54	14005	13600	641.92	1669.2	14700	448.26	585.0	13300	235.14	7398	173	0
11	31312.6	29569.4	1126.55	14006	12500	641.97	1670.6	14900	448.01	580.2	13200	234.04	7030	190	326
12	31284.0	29598.0	1126.42	13993	20300	642.19	1676.6	14800	447.84	577.0	12500	233.60	6887	74	88
13	31265.2	29616.9	1126.26	13977	20600	642.60	1687.8	14700	448.13	582.5	11000	237.29	8145	740	0
14	31241.9	29640.2	1126.16	13967	18600	642.77	1692.4	14900	448.27	585.2	10600	239.76	9054	587	0
15	31228.5	29653.6	1126.11	13962	18600	643.16	1703.1	14900	448.45	588.7	9820	237.74	8306	0	278
16	31203.9	29678.2	1125.98	13949	19500	643.56	1714.1	15200	448.41	588.0	12000	232.01	6381	0	1013
17	31180.8	29701.3	1126.10	13961	12200	643.25	1705.6	15400	448.33	586.4	13800	228.46	5335	0	497
18	31161.2	29720.9	1126.00	13951	17000	643.36	1708.6	16000	448.26	585.0	12500	227.94	5190	77	128
19	31141.0	29741.0	1125.94	13945	20800	643.58	1714.7	16600	448.21	584.1	13500	224.47	4285	0	466
20	31116.9	29765.2	1126.01	13952	12300	643.28	1706.4	16100	448.20	583.9	13500	225.37	4510	269	0
21	31092.8	29789.2	1126.03	13954	11100	643.01	1699.0	14800	448.31	586.0	12000	225.31	4495	94	0
22	31082.7	29799.3	1126.01	13952	16300	643.10	1701.4	14700	448.56	590.9	9520	228.50	5346	684	0
23	31055.5	29826.6	1125.96	13947	17000	643.24	1705.3	14700	448.46	588.9	12500	228.83	5438	400	120
24	31032.7	29849.3	1125.94	13945	13800	643.11	1701.8	14400	448.49	589.3	12500	230.56	5941	515	0
25	31013.8	29868.3	1125.92	13943	16100	643.33	1707.8	14100	448.41	587.8	12000	228.85	5444	5	218
26	30986.2	29895.8	1125.89	13940	16700	643.26	1705.9	15500	448.23	584.5	13500	230.14	5817	413	65
27	30976.4	29905.7	1125.93	13944	13200	643.06	1700.3	15400	448.29	585.6	13000	230.60	5953	304	68
28	30944.3	29937.7	1125.90	13941	13300	642.98	1698.2	15100	448.38	587.4	12000	229.35	5588	170	188
29	30920.6	29961.5	1125.80	13931	17600	643.00	1698.7	14900	448.73	594.2	9030	233.19	6755	682	0
30	30899.5	29982.5	1125.73	13924	17400	643.24	1705.3	12800	448.82	595.9	10800	235.04	7364	499	65
31	30877.3	30004.8	1125.73	13924	14300	643.29	1706.7	13100	448.77	594.9	11000	236.89	8003	457	0
TOTAL					480150			462700			368440			9321	5256
AVE.					15490			14930			11890			301	170
AC FT					952000			918000			731000			18488	10425

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

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COLORADO RIVER STORAGE PROJECT DATA (operational) FOR JULY 2004

DATE	LAKE POWELL				FLAMING GORGE			NAVAJO			BLUE MESA			MORROW POINT			
	COMPUTED	MAX. STORAGE	MAX. ELEV.	CONTENT	RELEASE	MAX. STORAGE	MAX. ELEV.	CONTENT	RELEASE	MAX. STORAGE	MAX. ELEV.	CONTENT	RELEASE	MAX. STORAGE	MAX. ELEV.	CONTENT	RELEASE
	FT3/S	(FEET)	(1000 AF)	FT3/S		(FEET)	(1000 AF)	FT3/S		(FEET)	(1000 AF)	FT3/S		(FEET)	(1000 AF)	FT3/S	
1	9600	3585.96	10459	14800	6008.73	2600	1000	6031.93	1030	500	7496.99	635.3	1520	7155.02	113.0	1370	
2	9200	3585.79	10444	13800	6008.75	2600	1000	6031.85	1030	500	7496.98	635.3	1510	7155.42	113.3	1370	
3	9200	3585.64	10430	14000	6008.79	2600	1000	6031.78	1030	500	7497.30	637.8	0	7152.04	110.7	1370	
4	9700	3585.55	10422	12300	6008.87	2600	1000	6031.73	1030	500	7497.15	636.8	1760	7152.86	111.3	1450	
5	9200	3585.40	10409	13700	6009.09	2610	1000	6031.63	1030	500	7497.02	635.5	1640	7153.52	111.8	1400	
6	8700	3585.24	10395	13900	6009.19	2620	1000	6031.53	1020	500	7496.87	634.7	1630	7153.84	112.1	1510	
7	8400	3585.05	10378	13900	6009.29	2620	1000	6031.38	1020	500	7496.70	633.2	1740	7154.75	112.8	1410	
8	8100	3584.88	10363	14300	6009.37	2620	1000	6031.23	1020	500	7496.50	631.6	1820	7155.20	113.2	1650	
9	8000	3584.69	10347	14400	6009.41	2620	1010	6031.09	1020	500	7496.29	630.0	1780	7155.76	113.6	1560	
10	7900	3584.50	10330	14600	6009.57	2630	1000	6030.94	1020	500	7496.47	631.5	230	7152.77	111.2	1440	
11	7400	3584.32	10314	13600	6009.65	2630	1000	6030.79	1020	500	7496.22	629.4	1930	7153.34	111.7	1710	
12	7000	3584.11	10296	15200	6009.75	2630	1000	6030.64	1010	500	7495.96	627.6	1960	7153.80	112.1	1780	
13	6700	3583.87	10275	15100	6009.87	2640	1000	6030.52	1010	520	7495.68	626.4	2010	7154.38	112.5	1780	
14	6400	3583.64	10255	15400	6009.97	2640	1000	6030.34	1010	600	7495.42	624.4	1950	7155.11	113.1	1670	
15	6100	3583.39	10233	15400	6010.05	2640	1000	6030.16	1010	600	7495.20	622.6	1870	7155.81	113.7	1600	
16	5700	3583.13	10210	15400	6010.13	2650	1000	6030.01	1010	600	7495.05	621.5	1760	7156.17	113.9	1630	
17	5300	3582.85	10186	15000	6010.17	2650	1010	6029.86	1010	600	7495.30	623.4	290	7152.80	111.3	1650	
18	5400	3582.71	10173	14200	6010.23	2650	1000	6029.71	1010	600	7495.21	622.8	1930	7153.36	111.7	1710	
19	5600	3582.47	10153	15300	6010.31	2650	990	6029.56	1000	600	7495.11	621.9	1860	7153.77	112.0	1720	
20	5700	3582.23	10132	15300	6010.29	2650	1010	6029.44	1000	600	7494.96	621.0	1820	7154.39	112.5	1600	
21	5800	3581.97	10109	15400	6010.42	2650	770	6029.29	1000	600	7494.85	620.0	1580	7154.83	112.9	1410	
22	6100	3581.80	10095	15400	6010.48	2660	1000	6029.14	1000	600	7494.68	618.7	1740	7155.51	113.4	1470	
23	6000	3581.54	10072	15500	6010.51	2660	1000	6028.99	1000	600	7494.48	617.2	1850	7155.96	113.8	1670	
24	5900	3581.32	10053	14900	6010.59	2660	1000	6028.95	1000	600	7494.78	619.5	0	7151.90	110.6	1630	
25	5800	3581.09	10033	13800	6010.59	2660	1000	6028.87	1000	600	7494.62	618.2	1770	7152.63	111.1	1490	
26	5800	3580.85	10013	15500	6010.69	2660	1000	6028.81	1000	510	7494.43	616.7	1820	7154.22	112.4	1220	
27	6000	3580.73	10002	15100	6010.77	2670	1000	6028.76	1000	500	7494.23	615.2	1860	7155.08	113.1	1520	
28	6300	3580.42	9976	14800	6010.77	2670	990	6028.69	1000	500	7494.02	613.7	1830	7155.60	113.5	1630	
29	5900	3580.19	9956	14900	6010.81	2670	1000	6028.59	990	500	7493.84	612.1	1750	7156.42	114.1	1450	
30	5600	3579.94	9934	14500	6010.87	2670	1010	6028.49	990	500	7493.67	611.1	1560	7156.64	114.3	1480	
31	5600	3579.70	9914	14400	6010.91	2670	1000	6028.39	990	500	7493.90	612.8	0	7152.76	111.2	1580	
TOT	214100			453800			30790			16730			46770			47930	
AVE	6906			14640			990			540			1510			1550	
A F	424700			900000			61000			33200			92800			95100	

BUREAU OF RECLAMATION
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GLEN CANYON TO HOOVER DAM LOSSES

JULY 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	14800	14900	14025	-19	733	1303	-623	7068	14019	6730
2	13800	15900	14023	-2	722	1303	-66	-3059	7952	16900
3	14000	8730	14031	8	720	1303	262	-256	7444	15000
4	12300	8920	14036	5	715	1303	164	173	7787	13600
5	13700	18500	14026	-10	702	1303	-328	-1121	5564	15100
6	13900	18600	14012	-14	711	1303	-459	-828	3921	13100
7	13900	13400	14012	0	717	1303	0	-1698	553	15400
8	14300	13000	14009	-3	723	1303	-98	521	1587	13400
9	14400	15400	14005	-4	722	1303	-131	-1354	-1097	15300
10	14600	13600	14005	0	727	1303	0	-1285	-3647	15600
11	13600	12500	14006	1	718	1303	33	-679	-4993	15100
12	15200	20300	13993	-13	728	1303	-426	-764	-6508	15400
13	15100	20600	13977	-16	729	1303	-524	-438	-7377	14000
14	15400	18600	13967	-10	703	1303	-328	-56	-7488	15200
15	15400	18600	13962	-5	740	1303	-164	-2814	-13069	18000
16	15400	19500	13949	-13	721	1303	-426	897	-11289	14500
17	15000	12200	13961	12	717	1303	393	-5241	-21685	20700
18	14200	17000	13951	-10	670	1303	-328	1783	-18148	13600
19	15300	20800	13945	-6	654	1303	-197	-4533	-27139	19500
20	15300	12300	13952	7	671	1303	229	-3862	-34800	18000
21	15400	11100	13954	2	679	1303	66	1187	-32446	14200
22	15400	16300	13952	-2	709	1303	-66	-1959	-36331	17200
23	15500	17000	13947	-5	714	1303	-164	-954	-38223	16300
24	14900	13800	13945	-2	699	1303	-66	721	-36792	14700
25	13800	16100	13943	-2	746	1303	-66	-1600	-39966	17100
26	15500	16700	13940	-3	703	1303	-98	-2161	-44253	17100
27	15100	13200	13944	4	737	1303	131	-3576	-51347	17400
28	14800	13300	13941	-3	814	1303	-98	1654	-48066	13800
29	14900	17600	13931	-10	781	1303	-328	822	-46437	14300
30	14500	17400	13924	-7	767	1303	-229	-874	-48170	15700
31	14400	14300	13924	0	774	1303	0	-1522	-51188	16400
TOTAL	454000	480200			22366	40393			-51189	478500

