RECLAMATION
Managing Water in the West

BUREAU OF RECLAMATION
LOWER COLORADO REGION
BOULDER CITY, NEVADA

ACCUMULATIONS FOR JULY 2013

	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.	RELEASE ACCUM.	GROSS GEN	RATE KWH/AF	LAKE MOHAVE ELEV	CFS	DAVIS RELEASE A.F.	DAVIS RELEASE ACCUM.	GROSS GEN	DIVER. A.F.	DIVER. AT INTAKE ACCUM.	LAKE HAVASU ELEV	CFS	PARKER RELEASE A.F.	PARKER RELEASE ACCUM.	GROSS GEN.	DIVER. A.F.	ACCUM. A.F.
1	14100	27967	1105.86	17678	35064	35064	14223	406	643.54	14190	28144	28144	3497	3271	3271	448.38	12500	24802	24802	1705	2747	2747
2	14200	56132	1105.76	17932	35568	70632	14285	402	643.62	14780	29314	57458	3655	3273	6543	448.31	12190	24183	48985	1655	2824	5572
3	14100	84099	1105.68	16844	33410	104042	13525	405	643.76	14780	29307	86765	3663	3267	9810	448.30	11200	22206	71191	1525	2854	8426
4	12600	109091	1105.72	13083	25950	129992	10375	400	643.54	14780	29322	116087	3664	3374	13184	448.64	8010	15878	87069	1076	2824	11250
5	14200	137256	1105.73	9665	19170	149162	7798	407	643.17	14780	29315	145402	3648	3366	16550	448.67	11000	21825	108894	1508	2854	14104
6	13100	163240	1105.78	12025	23852	173014	9565	401	642.88	14780	29317	174719	3639	3356	19906	448.80	11190	22195	131089	1530	2828	16933
7	12700	188430	1105.67	18370	36436	209450	14552	399	643.12	14800	29358	204077	3642	3348	23254	448.87	10990	21803	152892	1506	2856	19789
8	14200	216595	1105.53	20632	40924	250374	16427	401	643.54	13800	27369	231446	3399	3338	26592	449.00	10490	20805	173697	1439	2832	22621
9	14100	244562	1105.33	21293	42234	292608	16910	400	644.06	11990	23791	255237	2947	3314	29907	448.99	10500	20817	194514	1443	2424	25045
10	14100	272529	1105.18	18677	37046	329655	14930	403	644.43	12100	24008	279245	2980	3035	32941	448.55	11950	23708	218222	1642	2832	27878
11	14300	300893	1105.19	14282	28328	357983	11382	402	644.46	13410	26608	305853	3325	2949	35891	448.66	8970	17798	236020	1229	2422	30300
12	14000	328661	1105.13	17660	35028	393011	14064	402	644.71	13800	27371	333224	3456	2969	38860	448.68	11520	22841	258861	1578	2420	32719
13	13200	354843	1105.18	12670	25130	418141	10125	403	644.50	14090	27941	361165	3499	2985	41845	448.67	11000	21821	280682	1512	2352	35072
14	12800	380231	1105.23	11466	22742	440883	9251	407	644.33	14100	27958	389123	3516	3332	45178	448.57	11200	22215	302897	1531	2410	37482
15	14300	408595	1105.23	14911	29576	470459	11988	405	644.41	13690	27156	416279	3401	3689	48867	448.50	11190	22188	325085	1532	2027	39509
16	14200	436760	1105.24	12384	24564	495023	9844	401	644.21	12990	25774	442053	3215	3370	52237	448.51	11100	22019	347104	1518	2051	41560
17	14200	464926	1105.19	13762	27296	522319	10943	401	644.30	12590	24972	467025	3113	3382	55619	448.45	10400	20624	367728	1431	2416	43976
18	14200	493091	1105.26	12678	25146	547465	10164	404	644.12	14290	28337	495362	3531	3374	58992	448.71	8500	16859	384587	1159	2418	46393
19	13900	520661	1105.14	16405	32538	580003	12940	398	644.35	11610	23033	518395	2852	3394	62386	448.69	9710	19259	403846	1313	2422	48815
20	13400	547240	1105.20	10268	20366	600369	8249	405	644.24	12600	24994	543389	3128	3094	65480	448.66	9400	18640	422486	1289	2418	51233
21	12700	572430	1105.44	5820	11544	611913	4553	394	643.71	12890	25565	568954	3160	3128	68608	448.76	9120	18095	440581	1258	2424	53657
22	14200	600595	1105.45	15887	31512	643425	12775	405	643.84	12790	25363	594317	3152	2961	71570	448.83	9290	18429	459010	1285	2422	56079
23	14100	628562	1105.43	15465	30674	674099	12374	403	643.99	12560	24911	619228	3094	3021	74590	448.81	10080	19989	478999	1381	2420	58499
24	13900	656132	1105.41	16417	32562	706661	13050	401	644.22	12180	24161	643389	2994	2918	77508	448.95	8500	16869	495868	1177	2424	60922
25	14100	684099	1105.35	15599	30940	737601	12415	401	644.44	12200	24204	667593	2997	2983	80491	449.04	7480	14840	510708	1036	2424	63346
26	13900	711669	1105.50	9591	19024	756625	7735	407	644.18	12010	23825	691418	2933	3429	83921	449.15	8510	16879	527587	1176	2840	66186
27	13400	738248	1105.48	13381	26540	783165	10728	404	644.30	11590	22998	714416	2837	3427	87348	449.16	8890	17637	545224	1231	2824	69011
28	12800	763636	1105.61	9196	18240	801405	7340	402	644.15	11980	23769	738185	2945	3384	90732	449.11	9000	17843	563067	1246	2828	71839
29	14100	791603	1105.73	11342	22496	823901	9020	401	643.87	11990	23778	761963	2946	3372	94104	448.88	10500	20828	583895	1448	2858	74698
30	14000	819372	1105.83	10360	20548	844449	8342	406	643.82	11990	23774	785737	2941	3396	97500	448.71	10800	21424	605319	1477	2826	77524
31	14000	847140	1105.92	10295	20420	864869	8494	416	643.66	12000	23810	809547	2945	2995	100495	448.51	10510	20841	626160	1435	2844	80368
TOTAL							348365						100713							43268		

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BOULDER CITY, NEVADA

AVAILABLE RESERVOIR ELEVATIONS AND CONTENTS FOR JULY 2013

	LAKE MEAD	LAKE MOHAVE	LAKE HAVASU	SENATOR WASH
AVAILABLE CAPACITY IN A.F.	*26120000	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	30961.0	30164.1	1105.86	12265	17700	643.54	1713.6	14200	448.38	587.4	12500	234.97	7340	0	0
2	30933.8	30191.3	1105.76	12255	17900	643.62	1715.8	14800	448.31	585.9	12200	235.00	7350	77	0
3	30907.0	30218.1	1105.68	12248	16800	643.76	1719.6	14800	448.30	585.8	11200	236.05	7709	252	0
4	30888.8	30236.3	1105.72	12252	13100	643.54	1713.6	14800	448.64	592.4	8010	236.89	8003	232	0
5	30858.5	30266.6	1105.73	12253	9660	643.17	1703.4	14800	448.67	592.9	11000	237.96	8350	278	0
6	30839.0	30286.1	1105.78	12257	12000	642.88	1695.4	14800	448.80	595.6	11200	237.46	8206	49	0
7	30816.6	30308.4	1105.67	12247	18400	643.12	1702.0	14800	448.87	596.9	11000	236.57	7891	0	0
8	30792.1	30333.0	1105.53	12234	20600	643.54	1713.6	13800	449.00	599.4	10500	235.52	7527	0	0
9	30762.8	30362.3	1105.33	12216	21300	644.06	1727.9	12000	448.99	599.2	10500	235.34	7466	0	0
10	30725.6	30399.5	1105.18	12202	18700	644.43	1738.2	12100	448.55	590.6	12000	235.77	7613	0	6
11	30703.8	30421.3	1105.19	12203	14300	644.46	1738.9	13400	448.66	592.8	8970	230.92	6048	0	834
12	30679.4	30445.6	1105.13	12198	17700	644.71	1745.8	13800	448.68	593.3	11500	230.55	5938	203	199
13	30657.0	30468.0	1105.18	12202	12700	644.50	1739.9	14100	448.67	593.1	11000	234.44	7163	685	0
14	30632.6	30492.4	1105.23	12207	11500	644.33	1735.5	14100	448.57	591.1	11200	235.30	7297	127	0
15	30613.2	30511.9	1105.23	12207	14900	644.41	1737.6	13700	448.50	589.7	11200	235.03	7360	107	0
16	30585.6	30539.4	1105.24	12208	12400	644.21	1732.0	13000	448.51	589.8	11100	237.60	8526	577	0
17	30559.5	30565.6	1105.19	12203	13800	644.30	1734.6	12600	448.45	588.7	10400	238.47	8573	262	0
18	30543.4	30581.6	1105.26	12210	12700	644.12	1729.5	14300	448.71	593.9	8500	237.98	8393	0	0
19	30523.4	30601.7	1105.14	12199	16400	644.35	1736.0	11600	448.69	593.3	9710	237.47	8210	0	0
20	30506.8	30618.3	1105.20	12204	10300	644.24	1733.0	12600	448.66	592.9	9400	239.48	8948	467	0
21	30496.6	30628.4	1105.44	12226	5820	643.71	1718.1	12900	448.76	594.7	9120	239.43	8929	88	0
22	30477.8	30647.3	1105.45	12227	15900	643.84	1721.7	12800	448.83	596.1	9290	238.90	8731	0	0
23	30457.2	30667.8	1105.43	12225	15500	643.99	1725.9	12600	448.81	595.8	10100	238.41	8551	0	0
24	30443.4	30681.6	1105.41	12223	16400	644.22	1732.2	12200	448.95	598.5	8500	237.62	8263	0	0
25	30419.4	30705.7	1105.35	12218	15600	644.44	1738.4	12200	449.04	600.2	7480	238.57	8610	204	0
26	30404.6	30720.4	1105.50	12232	9590	644.18	1731.2	12000	449.15	602.3	8510	239.70	9031	341	0
27	30382.4	30742.6	1105.48	12230	13400	644.30	1734.6	11600	449.16	602.6	8890	239.93	9117	164	0
28	30367.0	30758.0	1105.61	12242	9200	644.15	1730.4	12000	449.11	601.6	9000	239.38	8911	0	0
29	30343.5	30781.6	1105.73	12253	11300	643.87	1722.7	12000	448.88	597.0	10500	237.41	8189	0	309
30	30324.8	30800.3	1105.83	12262	10400	643.82	1721.4	12000	448.71	593.9	10800	234.42	7157	0	492
31	30304.1	30820.9	1105.92	12270	10300	643.66	1716.8	12000	448.51	589.9	10500	229.01	5489	0	859
TOTAL					436270			408400			315780			4113	2699
AVE.					14070			13170			10190			133	87
AC FT					865000			810000			626000			8158	5353

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

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COLORADO RIVER STORAGE PROJECT DATA (operational) FOR JULY 2013

		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	7700	3599.93	11743	14100	6017.87	2910	1100	6024.60	960	1000	7470.34	438.1	1650	7154.45	112.6	1630
2	6700	3599.77	11728	14200	6017.85	2900	1100	6024.34	950	1000	7470.18	437.0	1580	7154.21	112.4	1680
3	5600	3599.59	11711	14100	6017.79	2900	1100	6024.04	950	1000	7469.89	435.1	1650	7154.31	112.5	1610
4	4100	3599.41	11694	12600	6017.75	2900	1100	6023.74	950	1000	7469.62	433.2	1650	7154.23	112.4	1680
5	5700	3599.23	11677	14200	6017.73	2900	1100	6023.43	940	1000	7469.35	431.4	1680	7154.50	112.6	1570
6	5100	3599.06	11661	13100	6017.75	2900	1100	6023.16	940	1050	7469.06	429.5	1640	7154.36	112.5	1700
7	4700	3598.89	11644	12700	6017.71	2900	1100	6022.92	940	1050	7468.76	427.5	1690	7154.33	112.5	1700
8	3700	3598.67	11624	14200	6017.65	2900	1100	6022.66	940	1060	7468.46	425.5	1680	7154.18	112.4	1730
9	3600	3598.45	11603	14100	6017.63	2900	1100	6022.36	930	1050	7468.13	423.3	1670	7154.22	112.4	1650
10	3600	3598.23	11582	14100	6017.61	2900	1100	6022.06	930	1050	7467.80	421.1	1670	7154.20	112.4	1680
11	3800	3598.01	11561	14300	6017.59	2900	1100	6021.79	930	1050	7467.44	418.7	1690	7154.08	112.3	1730
12	3000	3597.78	11540	14000	6017.57	2890	1100	6021.48	930	1000	7467.16	416.9	1690	7154.21	112.4	1650
13	4800	3597.60	11523	13200	6017.57	2890	1100	6021.17	920	1000	7466.88	415.0	1650	7154.13	112.3	1680
14	3800	3597.41	11505	12800	6017.55	2890	1100	6020.88	920	1000	7466.61	413.3	1680	7154.18	112.4	1660
15	5900	3597.23	11488	14300	6017.55	2890	1100	6020.64	920	1000	7466.38	411.7	1610	7153.98	112.2	1700
16	4500	3597.02	11468	14200	6017.53	2890	1100	6020.43	920	1000	7466.12	410.0	1660	7154.10	112.3	1630
17	4600	3596.82	11449	14200	6017.49	2890	1100	6020.24	910	800	7465.88	408.5	1600	7154.15	112.3	1590
18	4800	3596.62	11430	14200	6017.45	2890	1100	6020.07	910	800	7465.67	407.1	1510	7154.01	112.2	1570
19	8600	3596.50	11419	13900	6017.41	2890	1100	6019.89	910	500	7465.52	406.1	1440	7154.04	112.2	1440
20	5800	3596.33	11404	13400	6017.37	2890	1100	6019.78	910	500	7465.39	405.3	1410	7154.04	112.2	1430
21	5100	3596.17	11388	12700	6017.35	2890	1100	6019.60	910	550	7465.19	404.0	1530	7154.09	112.3	1530
22	4300	3595.96	11369	14200	6017.29	2890	1110	6019.43	910	550	7464.95	402.5	1550	7154.02	112.2	1580
23	5200	3595.77	11351	14100	6017.25	2880	1100	6019.25	900	550	7464.70	400.8	1530	7154.10	112.3	1510
24	6100	3595.60	11335	13900	6017.21	2880	1100	6019.03	900	550	7464.44	399.2	1580	7154.11	112.3	1580
25	3200	3595.37	11314	14100	6017.17	2880	1100	6018.81	900	550	7464.18	397.5	1600	7154.06	112.3	1620
26	4400	3595.17	11295	13900	6017.15	2880	1100	6018.59	900	550	7463.92	395.8	1530	7153.92	112.2	1580
27	3900	3594.96	11276	13400	6017.11	2880	1100	6018.36	900	550	7463.68	394.3	1550	7153.82	112.1	1590
28	3300	3594.76	11257	12800	6017.09	2880	1100	6018.15	890	550	7463.58	393.7	1540	7153.72	112.0	1600
29	4200	3594.55	11237	14100	6017.07	2880	1100	6018.02	890	550	7463.45	392.8	1530	7153.70	112.0	1550
30	4200	3594.34	11218	14000	6017.03	2880	1100	6017.80	890	900	7463.34	392.1	1500	7153.62	111.9	1550
31	6300	3594.17	11202	14000	6016.99	2870	1100	6017.54	890	900	7463.20	391.3	1430	7153.53	111.8	1500
TOT	150300			427100			34110			25660			49370			49900
AVE	4848			13780			1100			830			1590			1610
A F	298100			847000			68000			50900			97900			99000

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GLEN CANYON TO HOOVER DAM LOSSES

JULY 2013

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	14100	17700	12265	-11	741	1202	-360	-608	-1205	13700
2	14200	17900	12255	-10	787	1202	-328	-1961	-5095	14500
3	14100	16800	12248	-7	772	1202	-229	-896	-6872	15000
4	12600	13100	12252	4	786	1202	131	-3018	-12857	17200
5	14200	9660	12253	1	797	1202	33	1951	-8988	12200
6	13100	12000	12257	4	757	1202	131	-3459	-15849	16100
7	12700	18400	12247	-10	756	1202	-328	-776	-17387	15000
8	14200	20600	12234	-13	738	1202	-426	-2448	-22243	15600
9	14100	21300	12216	-18	755	1202	-590	-871	-23969	13600
10	14100	18700	12202	-14	768	1202	-459	1051	-21884	13200
11	14300	14300	12203	1	723	1202	33	-2640	-27120	16800
12	14000	17700	12198	-5	728	1202	-164	-2843	-32759	16900
13	13200	12700	12202	4	704	1202	131	-2453	-37625	16800
14	12800	11500	12207	5	678	1202	164	-2066	-41724	16100
15	14300	14900	12207	0	695	1202	0	-3586	-48837	16800
16	14200	12400	12208	1	716	1202	33	-2097	-52995	14900
17	14200	13800	12203	-5	709	1202	-164	1281	-50455	13000
18	14200	12700	12210	7	708	1202	229	-4145	-58677	18400
19	13900	16400	12199	-11	735	1202	-360	1803	-55100	12400
20	13400	10300	12204	5	713	1202	164	-705	-56499	14900
21	12700	5820	12226	22	728	1202	721	-5648	-67701	19600
22	14200	15900	12227	1	690	1202	33	-4948	-77515	18300
23	14100	15500	12225	-2	715	1202	-66	-3671	-84796	16300
24	13900	16400	12223	-2	682	1202	-66	-3019	-90784	17200
25	14100	15600	12218	-5	679	1202	-164	-714	-92199	14800
26	13900	9590	12232	14	662	1202	459	-5056	-102228	19000
27	13400	13400	12230	-2	659	1202	-66	-124	-102475	14200
28	12800	9200	12242	12	646	1202	393	-3565	-109545	17500
29	14100	11300	12253	11	702	1202	360	-5725	-120901	19100
30	14000	10400	12262	9	699	1202	295	-4296	-129423	17100
31	14000	10300	12270	8	700	1202	262	-2436	-134254	16500
TOTAL	427300	436040			22328	37262			-134255	492600