RECLAMATION
Managing Water in the West

BUREAU OF RECLAMATION
LOWER COLORADO REGION
BOULDER CITY, NEVADA

ACCUMULATIONS FOR SEPTEMBER 2011

	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.	ACCUM.	GROSS GEN	RATE KWH/AF	LAKE MOHAVE ELEV	CFS	DAVIS RELEASE A.F.	ACCUM.	GROSS GEN	DIVER. A.F.	AT INTAKE ACCUM.	LAKE HAVASU ELEV	CFS	PARKER RELEASE A.F.	ACCUM.	GROSS GEN.	DIVER. A.F.	ACCUM. A.F.
1	15500	30744	1113.56	13502	26780	26780	11088	414	642.30	12580	24946	24946	3114	2797	2797	448.30	8190	16242	16242	1090	3001	3001
2	15500	61488	1113.68	11705	23216	49996	9476	408	642.10	13190	26164	51110	3230	2789	5585	448.24	10490	20814	37056	1404	3001	6002
3	15500	92231	1113.75	12480	24754	74750	10147	410	642.04	13190	26163	77273	3228	2785	8370	448.22	10500	20819	57875	1403	2969	8971
4	15600	123174	1113.85	9531	18904	93654	7538	399	641.78	12990	25773	103046	3170	2793	11163	448.33	9490	18832	76707	1271	2999	11970
5	15600	154116	1113.97	9160	18168	111822	7200	396	641.53	12390	24575	127621	3021	2785	13948	448.53	9200	18240	94947	1242	2997	14967
6	15400	184661	1113.96	16143	32020	143842	13063	408	641.86	11700	23215	150836	2842	2789	16737	448.49	9500	18842	113789	1270	2999	17966
7	15300	215008	1113.94	15123	29996	173838	12375	413	642.16	10600	21018	171854	2584	2769	19505	448.58	8020	15907	129696	1076	3001	20967
8	15400	245554	1113.98	14118	28002	201840	11464	409	642.29	11190	22186	194040	2731	2333	21838	448.63	7500	14879	144575	1011	3001	23968
9	15500	276298	1114.03	12710	25210	227050	10286	408	642.40	11150	22122	216162	2729	2820	24659	448.42	9510	18863	163438	1265	3001	26969
10	15500	307041	1114.09	9683	19206	246256	7602	396	642.24	11560	22938	239100	2833	2832	27491	448.26	10000	19842	183280	1334	2999	29968
11	15500	337785	1114.20	10412	20652	266908	8248	399	642.19	11180	22170	261270	2731	2834	30325	448.14	10500	20819	204099	1395	2999	32967
12	15500	368529	1114.21	13373	26526	293434	10829	408	642.19	11190	22192	283462	2726	2787	33112	447.85	10500	20823	224922	1390	2995	35962
13	15500	399273	1114.34	10973	21764	315198	8697	400	642.30	9990	19823	303285	2411	2793	35905	447.81	10000	19841	244763	1326	2993	38955
14	15500	430017	1114.45	11363	22538	337736	9052	402	642.27	11390	22589	325874	2781	2787	38692	447.84	7490	14865	259628	994	2995	41950
15	15500	460760	1114.46	13161	26104	363840	10816	414	642.46	11190	22203	348077	2722	2797	41488	448.10	6010	11919	271547	803	2993	44943
16	15700	491901	1114.56	10089	20012	383852	8350	417	642.25	12600	24984	373061	3085	2811	44299	448.04	8490	16844	288391	1138	2997	47940
17	15500	522645	1114.72	9446	18736	402588	7508	401	641.98	12190	24186	397247	2968	2791	47090	448.22	8400	16666	305057	1126	2997	50938
18	15600	553587	1114.87	8506	16872	419460	6704	397	641.72	12200	24200	421447	2972	2795	49884	448.21	9390	18632	323689	1267	2999	53937
19	15600	584529	1114.97	12014	23830	443290	9735	409	641.81	10390	20611	442058	2526	2799	52683	448.31	8510	16872	340561	1141	2999	56936
20	15400	615074	1115.10	10824	21470	464760	8643	403	641.74	11400	22607	464665	2772	2783	55466	448.19	9000	17856	358417	1204	2999	59935
21	15300	645422	1115.17	12342	24480	489240	9967	407	641.78	11420	22648	487313	2779	2769	58235	448.13	8490	16843	375260	1144	2963	62898
22	15500	676165	1115.24	12118	24036	513276	9787	407	641.67	12700	25189	512502	3098	2787	61021	448.36	7020	13917	389177	913	4120	67018
23	15500	706909	1115.35	10283	20396	533672	8147	399	641.48	12710	25217	537719	3093	2789	63810	448.33	8790	17444	406621	1177	4257	71274
24	15500	737653	1115.48	7235	14350	548022	5666	395	641.06	12660	25112	562831	3082	2771	66581	448.31	9310	18466	425087	1244	4661	75935
25	15500	768397	1115.62	8516	16892	564914	6848	405	640.72	12680	25159	587990	3065	2769	69350	448.29	9490	18830	443917	1270	4354	80289
26	15500	799141	1115.69	11488	22786	587700	9368	411	640.66	12760	25310	613300	3078	2836	72186	448.22	9820	19472	463389	1309	4352	84641
27	15500	829884	1115.72	13261	26302	614002	10856	413	640.59	13100	25979	639279	3202	2807	74993	448.02	11000	21826	485215	1448	4362	89002
28	15500	860628	1115.79	11623	23054	637056	9591	416	640.47	13090	25963	665242	3191	2785	77778	447.93	10000	19844	505059	1319	4358	93360
29	15400	891174	1115.92	8823	17500	654556	6997	400	640.21	13100	25978	691220	3179	2791	80569	448.23	7000	13892	518951	946	4042	97402
30	15500	921917	1116.04	7689	15250	669806	5980	392	639.73	13090	25965	717185	3174	2779	83347	448.28	9500	18849	537800	1271	4356	101758
TOTAL							272028						88116							36189		

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AVAILABLE RESERVOIR ELEVATIONS AND CONTENTS FOR SEPTEMBER 2011

	LAKE MEAD	LAKE MOHAVE	LAKE HAVASU	SENATOR WASH
AVAILABLE CAPACITY IN A.F.	*25877000	1809800	619400	9144
ELEVATION IN FEET	1219.6	647.0	450.0	240.0

	TOTAL	TOTAL	HOOVER			DAVIS			PARKER			SENATOR WASH			
DAY	SYSTEM STORAGE**	AVAILABLE SPACE	ELEVATION FEET	CONTENT 1000A.F.	RELEASE ft3/s	ELEVATION FEET	CONTENT 1000A.F.	RELEASE ft3/s	ELEVATION FEET	CONTENT 1000A.F.	RELEASE ft3/s	ELEVATION FEET	CONTENT A.F.	PUMPED ft3/s	RELEASE ft3/s
1	38977.7	21904.4	1113.56	12741	13500	642.30	1679.6	12600	448.30	585.8	8190	235.59	7552	0	0
2	38962.4	21919.7	1113.68	12752	11700	642.10	1674.1	13200	448.24	584.7	10500	236.85	7989	288	0
3	38950.1	21931.9	1113.75	12758	12500	642.04	1672.5	13200	448.22	584.3	10500	238.01	8404	291	0
4	38935.4	21946.6	1113.85	12768	9530	641.78	1665.5	13000	448.33	586.4	9490	239.80	9069	466	0
5	38920.2	21961.8	1113.97	12779	9160	641.53	1658.7	12400	448.53	590.3	9200	239.38	8911	0	0
6	38908.8	21973.2	1113.96	12778	16100	641.86	1667.6	11700	448.49	589.5	9500	238.86	8716	0	0
7	38895.8	21986.2	1113.94	12776	15100	642.16	1675.8	10600	448.58	591.3	8020	238.40	8547	0	0
8	38881.9	22000.2	1113.98	12780	14100	642.29	1679.3	11200	448.63	592.2	7500	238.02	8407	0	0
9	38872.4	22009.7	1114.03	12785	12700	642.40	1682.3	11200	448.42	588.1	9510	237.56	8242	0	0
10	38850.8	22031.2	1114.09	12791	9680	642.24	1678.0	11600	448.26	585.0	10000	237.17	8102	0	0
11	38836.9	22045.2	1114.20	12801	10400	642.19	1676.6	11200	448.14	582.7	10500	236.80	7971	0	0
12	38814.6	22067.5	1114.21	12802	13400	642.19	1676.6	11200	447.85	577.2	10500	236.45	7849	0	0
13	38812.1	22070.0	1114.34	12815	11000	642.30	1679.6	9990	447.81	576.4	10000	236.07	7716	0	0
14	38822.9	22059.1	1114.45	12825	11400	642.27	1678.8	11400	447.84	577.0	7490	235.73	7599	0	0
15	38822.6	22059.5	1114.46	12826	13200	642.46	1684.0	11200	448.10	581.9	6010	237.62	8263	433	0
16	38810.9	22071.2	1114.56	12836	10100	642.25	1678.2	12600	448.04	580.8	8490	239.56	8979	511	0
17	38811.7	22070.3	1114.72	12851	9450	641.98	1670.9	12200	448.22	584.3	8400	239.32	8888	51	0
18	38814.8	22067.2	1114.87	12866	8510	641.72	1663.8	12200	448.21	584.1	9390	239.85	9088	203	0
19	38816.3	22065.8	1114.97	12875	12000	641.81	1666.3	10400	448.31	586.0	8510	239.31	8885	0	0
20	38811.7	22070.3	1115.10	12887	10800	641.74	1664.4	11400	448.19	583.7	9000	238.86	8716	0	0
21	38808.4	22073.7	1115.17	12894	12300	641.78	1665.5	11400	448.13	582.5	8490	238.40	8547	0	0
22	38799.8	22082.3	1115.24	12901	12100	641.67	1662.5	12700	448.36	587.0	7020	238.02	8407	0	0
23	38789.6	22092.4	1115.35	12911	10300	641.48	1657.4	12700	448.33	586.4	8790	237.66	8278	0	0
24	38775.5	22106.6	1115.48	12924	7230	641.06	1646.0	12700	448.31	586.0	9310	235.79	7620	0	300
25	38766.6	22115.5	1115.62	12937	8520	640.72	1636.9	12700	448.29	585.6	9490	235.49	7517	0	0
26	38752.0	22130.0	1115.69	12944	11500	640.66	1635.3	12800	448.22	584.3	9820	235.13	7394	0	0
27	38731.3	22150.7	1115.72	12946	13300	640.59	1633.4	13100	448.02	580.4	11000	234.85	7300	0	0
28	38714.4	22167.7	1115.79	12953	11600	640.47	1630.1	13100	447.93	578.7	10000	232.58	6561	0	357
29	38707.3	22174.7	1115.92	12965	8820	640.21	1623.1	13100	448.23	584.5	7000	229.53	5693	0	476
30	38679.6	22202.4	1116.04	12977	7690	639.73	1610.3	13100	448.28	585.4	9500	229.35	5588	0	0
TOTAL					337690			361890			271120			2243	1133
AVE.					11260			12060			9040			75	38
AC FT					670000			718000			538000			4449	2247

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

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COLORADO RIVER STORAGE PROJECT DATA (operational) FOR SEPTEMBER 2011

	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	12000	3655.21	17873	15500	6034.87	3540	2440	6060.46	1350	800	7511.42	758.2	1950	7155.76	113.6	1970
2	11900	3655.11	17860	15500	6034.81	3540	2440	6060.29	1350	800	7511.17	756.0	2040	7155.88	113.7	2000
3	11700	3655.03	17850	15500	6034.75	3540	2440	6060.19	1350	790	7510.91	753.8	1970	7155.90	113.7	1970
4	11500	3654.93	17837	15600	6034.71	3530	2440	6060.03	1350	790	7510.63	751.3	2040	7155.95	113.8	2030
5	11300	3654.79	17819	15600	6034.69	3530	2440	6059.87	1350	790	7510.35	748.9	2060	7156.10	113.9	2000
6	11200	3654.70	17808	15400	6034.64	3530	2440	6059.70	1340	800	7510.04	746.2	2170	7156.43	114.2	2040
7	11300	3654.59	17794	15300	6034.59	3530	2430	6059.53	1340	800	7509.67	743.0	2480	7157.55	115.1	2020
8	11400	3654.47	17779	15400	6034.53	3530	2440	6059.42	1340	790	7509.30	739.8	2410	7158.57	115.9	2000
9	11800	3654.43	17773	15500	6034.45	3520	2440	6059.29	1340	800	7509.00	737.2	2070	7158.64	115.9	2050
10	12500	3654.33	17761	15500	6034.39	3520	2440	6059.17	1340	800	7508.69	734.5	2100	7158.89	116.1	2010
11	12300	3654.22	17747	15500	6034.33	3520	2440	6059.08	1340	800	7508.38	731.8	2100	7159.24	116.4	1970
12	12400	3654.14	17737	15500	6034.25	3520	2110	6058.98	1330	800	7508.22	730.5	1510	7157.89	115.3	2070
13	13300	3654.06	17726	15500	6034.19	3510	2060	6058.87	1330	800	7508.05	729.0	1480	7156.69	114.4	1970
14	13400	3654.11	17733	15500	6034.13	3510	2450	6058.84	1330	750	7507.89	727.6	1520	7155.41	113.3	2050
15	13100	3654.06	17726	15500	6034.06	3510	2450	6058.88	1330	650	7507.74	726.3	1510	7154.09	112.3	2050
16	13400	3653.99	17717	15700	6033.99	3510	2460	6058.90	1330	690	7507.59	725.1	1510	7152.79	111.3	2040
17	14000	3653.94	17711	15500	6033.93	3500	2450	6058.96	1330	690	7507.48	724.1	1520	7151.93	110.6	1870
18	15200	3653.95	17712	15600	6033.86	3500	2440	6058.98	1330	690	7507.34	722.9	1500	7150.78	109.7	1960
19	15400	3653.90	17706	15600	6033.79	3500	2450	6058.96	1330	690	7507.19	721.6	1500	7148.94	108.3	2230
20	14700	3653.85	17700	15400	6033.72	3490	2450	6058.93	1330	630	7507.02	720.2	1480	7147.57	107.2	2020
21	14300	3653.82	17696	15300	6033.66	3490	2450	6058.90	1330	500	7506.84	718.6	1480	7145.95	106.0	2120
22	14200	3653.74	17686	15500	6033.59	3490	2450	6058.87	1330	500	7506.51	715.8	2140	7146.54	106.4	1920
23	13900	3653.67	17677	15500	6033.53	3490	2450	6058.84	1330	500	7505.98	711.3	3070	7149.34	108.6	2000
24	13400	3653.60	17668	15500	6033.47	3480	2450	6058.80	1330	500	7505.44	706.7	3080	7152.20	110.8	1960
25	13100	3653.54	17660	15500	6033.43	3480	2450	6058.75	1330	500	7504.90	702.2	3090	7155.10	113.1	1940
26	12700	3653.44	17648	15500	6033.37	3480	2450	6058.70	1330	540	7504.84	701.7	910	7154.19	112.4	1290
27	12300	3653.35	17636	15500	6033.29	3480	2450	6058.63	1330	650	7504.98	702.9	0	7150.96	109.8	1290
28	12000	3653.25	17624	15500	6033.21	3470	2450	6058.56	1330	680	7505.06	703.5	380	7148.97	108.3	1170
29	11700	3653.16	17612	15400	6033.13	3470	2450	6058.45	1330	740	7504.79	701.2	1850	7148.39	107.8	2080
30	11300	3653.01	17593	15500	6033.03	3470	2450	6058.35	1330	740	7504.54	699.1	1740	7148.00	107.5	1890
TOT	382700			464800			72650			21000			54660			57980
AVE	12757			15490			2420			700			1820			1930
A F	759100			922000			144000			41700			108400			115000

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GLEN CANYON TO HOOVER DAM LOSSES

SEPTEMBER 2011

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	15500	13500	12741	11	731	1075	360	-1272	-2523	21200
2	15500	11700	12752	11	738	1075	360	-1712	-5918	19400
3	15500	12500	12758	6	632	1075	197	-1895	-9677	17400
4	15600	9530	12768	10	634	1075	328	-1138	-11935	16600
5	15600	9160	12779	11	655	1075	360	-1322	-14557	16800
6	15400	16100	12778	-1	676	1075	-33	-1743	-18015	17300
7	15300	15100	12776	-2	669	1075	-66	-166	-18345	15800
8	15400	14100	12780	4	628	1075	131	-2563	-23429	18000
9	15500	12700	12785	5	671	1075	164	-1811	-27021	17100
10	15500	9680	12791	6	658	1075	197	757	-25520	14600
11	15500	10400	12801	10	589	1075	328	-1934	-29356	17400
12	15500	13400	12802	1	596	1075	33	-100	-29554	15600
13	15500	11000	12815	13	582	1075	426	-4184	-37853	19600
14	15500	11400	12825	10	546	1075	328	-2905	-43615	18400
15	15500	13200	12826	1	488	1075	33	235	-43148	15300
16	15700	10100	12836	10	486	1075	328	-1510	-46142	17000
17	15500	9450	12851	15	494	1075	492	-3561	-53206	19100
18	15600	8510	12866	15	423	1075	492	-2405	-57976	18100
19	15600	12000	12875	9	430	1075	295	-2790	-63510	18300
20	15400	10800	12887	12	505	1075	393	-3223	-69903	18800
21	15300	12300	12894	7	498	1075	229	-2030	-73929	17600
22	15500	12100	12901	7	541	1075	229	-2116	-78126	17500
23	15500	10300	12911	10	538	1075	328	-1933	-81961	17300
24	15500	7230	12924	13	618	1075	426	-424	-82803	15900
25	15500	8520	12937	13	551	1075	426	-1627	-86031	17100
26	15500	11500	12944	7	551	1075	229	-1409	-88826	16900
27	15500	13300	12946	2	613	1075	66	-579	-89975	16100
28	15500	11600	12953	7	599	1075	229	-1539	-93027	17000
29	15400	8820	12965	12	543	1075	393	-1360	-95724	16900
30	15500	7690	12977	12	693	1075	393	-372	-96462	15900
TOTAL	464800	337690			17576	32250			-96463	520100