RECLAMATION
Managing Water in the West

BUREAU OF RECLAMATION
LOWER COLORADO REGION
BOULDER CITY, NEVADA

ACCUMULATIONS FOR SEPTEMBER 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.	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	8700	17256	1106.26	10924	21668	21668	8760	404	644.23	10590	20996	20996	2616	3396	3396	449.25	7330	14538	14538	975	3697	3697
2	8500	34116	1106.31	11467	22744	44412	9147	402	644.23	10610	21046	42042	2621	3330	6726	449.10	7800	15462	30000	1042	4869	8567
3	10400	54744	1106.26	16979	33678	78090	13672	406	644.71	11000	21812	63854	2731	3386	10112	448.99	7600	15071	45071	1052	4865	13432
4	10500	75570	1106.26	11447	22704	100794	9248	407	644.65	11000	21816	85670	2743	3289	13400	449.10	5690	11281	56352	781	4867	18300
5	10600	96595	1106.21	10534	20894	121688	8508	407	644.54	10230	20298	105968	2533	2949	16350	449.39	4390	8705	65057	578	4867	23167
6	10500	117421	1106.22	10149	20130	141818	8174	406	644.45	10990	21799	127767	2736	2961	19311	449.33	6910	13708	78765	957	4867	28034
7	9300	135868	1106.30	8062	15990	157808	6400	400	644.39	10010	19846	147613	2465	3001	22312	449.45	6010	11924	90689	832	4867	32902
8	8600	152926	1106.38	7266	14412	172221	5776	401	644.21	8970	17787	165400	2203	3021	25333	449.46	5710	11332	102021	786	4867	37769
9	10600	173950	1106.44	12492	24778	196999	10062	406	644.59	7990	15845	181245	1933	3060	28393	449.29	7990	15846	117867	1103	4986	42756
10	10600	194975	1106.43	9083	18016	215015	7328	407	644.41	9990	19806	201051	2459	2995	31388	449.22	5990	11890	129757	829	3396	46151
11	10500	215802	1106.49	10324	20478	235493	8313	406	644.40	10000	19838	220889	2457	3060	34449	449.28	5490	10899	140656	764	5181	51332
12	10600	236826	1106.53	12067	23934	259427	9771	408	644.56	9580	18992	239881	2352	3495	37944	449.36	4500	8922	149578	613	5278	56610
13	10600	257851	1106.60	11430	22672	282098	9241	408	644.65	10180	20199	260080	2524	2977	40921	449.12	8000	15865	165443	1082	5292	61902
14	9300	276298	1106.74	8714	17284	299383	6908	400	644.37	11590	22991	283071	2898	2983	43904	448.85	8500	16852	182295	1142	5338	67240
15	8800	293752	1106.83	7869	15608	314990	6309	404	644.08	11610	23027	306098	2898	2963	46867	448.63	8800	17464	199759	1210	6081	73321
16	10400	314380	1106.89	10006	19846	334837	7977	402	643.89	11590	22997	329095	2903	2934	49801	448.61	9200	18242	218001	1263	3685	77006
17	10500	335207	1106.87	8259	16382	351219	6592	402	643.66	11600	22999	352094	2873	2982	52783	448.57	9200	18243	236244	1256	3686	80692
18	10500	356033	1106.88	9665	19170	370389	7794	407	643.55	11590	22988	375082	2859	2930	55713	448.52	8990	17836	254080	1233	3681	84373
19	10800	377455	1106.88	11677	23162	393551	9412	406	643.40	11600	22999	398081	2855	2913	58626	448.41	7500	14871	268951	1029	5273	89646
20	10700	398678	1106.88	10174	20180	413731	8219	407	643.31	11980	23752	421833	2969	2982	61608	448.22	10000	19829	288780	1362	5281	94927
21	9300	417124	1106.90	8068	16002	429733	6523	408	642.95	13390	26567	448400	3321	1920	63528	447.98	10530	20883	309663	1418	5277	100204
22	8800	434578	1106.95	7570	15014	444747	6017	401	642.37	13380	26539	474939	3296	2055	65583	447.89	10510	20846	330509	1422	6065	106269
23	10600	455603	1106.93	12159	24118	468865	9755	404	642.22	13390	26561	501500	3293	2929	68512	447.79	10690	21202	351711	1455	5271	111540
24	10700	476826	1106.88	9751	19340	488205	7791	403	641.89	13180	26144	527644	3230	3014	71526	447.58	11010	21848	373559	1490	5265	116805
25	10600	497851	1106.80	9001	17854	506059	7247	406	641.71	13180	26149	553793	3230	3381	74907	447.53	9800	19445	393004	1326	5284	122089
26	11100	519868	1106.87	7652	15178	521237	6184	407	641.21	13200	26181	579974	3214	3365	78272	447.54	8000	15859	408863	1086	5244	127333
27	10900	541488	1106.87	10343	20516	541753	8462	412	640.92	13190	26164	606138	3190	3365	81637	447.38	9790	19424	428287	1323	5264	132597
28	9700	560727	1106.92	7230	14340	556093	5861	409	640.48	12990	25761	631899	3128	3392	85029	447.26	10000	19825	448112	1352	5319	137916
29	9100	578777	1106.95	9548	18938	575031	7496	396	640.27	12390	24578	656477	2961	3281	88310	447.10	9590	19022	467134	1296	6042	143958
30	10900	600397	1106.92	11929	23660	598691	9572	405	640.23	12400	24588	681065	2960	3318	91628	446.95	9600	19040	486174	1293	5295	149253
TOTAL							242519						84452							33349		

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AVAILABLE RESERVOIR ELEVATIONS AND CONTENTS FOR SEPTEMBER 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	29827.6	31297.5	1106.26	12301	10900	644.23	1732.5	10600	449.25	604.4	7330	239.56	8979	254	134
2	29824.0	31301.0	1106.31	12306	11500	644.23	1732.6	10600	449.10	601.4	7800	239.59	8990	110	0
3	29817.2	31307.9	1106.26	12301	17000	644.71	1746.0	11000	448.99	599.1	7600	239.28	8873	38	0
4	29801.4	31323.6	1106.26	12301	11400	644.65	1744.1	11000	449.10	601.4	5690	239.64	9009	169	0
5	29786.7	31338.3	1106.21	12297	10500	644.54	1741.1	10200	449.39	607.2	4390	239.46	8941	62	0
6	29770.9	31354.2	1106.22	12298	10100	644.45	1738.8	11000	449.33	606.0	6910	239.10	8806	29	0
7	29765.0	31360.1	1106.30	12305	8060	644.39	1736.9	10000	449.45	608.5	6010	238.62	8628	0	0
8	29772.1	31352.9	1106.38	12312	7270	644.21	1732.0	8970	449.46	608.5	5710	238.16	8459	0	0
9	29788.0	31337.1	1106.44	12318	12500	644.59	1742.6	7990	449.29	605.2	7990	238.63	8632	178	0
10	29807.4	31317.7	1106.43	12317	9080	644.41	1737.5	9990	449.22	603.7	5990	239.50	8956	257	0
11	29842.9	31282.1	1106.49	12322	10300	644.40	1737.3	10000	449.28	605.0	5490	238.44	8562	0	117
12	29884.5	31240.6	1106.53	12326	12100	644.56	1741.7	9580	449.36	606.6	4500	239.79	9065	343	0
13	29899.8	31225.2	1106.60	12332	11400	644.65	1744.2	10200	449.12	601.7	8000	239.30	8881	0	0
14	29931.3	31193.7	1106.74	12345	8710	644.37	1736.4	11600	448.85	596.6	8500	235.45	7503	0	682
15	29962.7	31162.3	1106.83	12354	7870	644.08	1728.5	11600	448.63	592.2	8800	231.14	6115	0	713
16	29981.2	31143.9	1106.89	12359	10000	643.89	1723.2	11600	448.61	591.8	9200	228.92	5464	17	341
17	29987.8	31137.3	1106.87	12357	8260	643.66	1716.9	11600	448.57	591.0	9200	231.16	6121	356	0
18	29993.6	31131.5	1106.88	12358	9660	643.55	1713.9	11600	448.52	590.1	8990	231.75	6302	140	0
19	29994.9	31130.1	1106.88	12358	11700	643.40	1709.7	11600	448.41	587.9	7500	231.43	6203	0	0
20	29993.7	31131.4	1106.88	12358	10200	643.31	1707.3	12000	448.22	584.2	10000	231.12	6109	0	0
21	29981.6	31143.4	1106.90	12360	8070	642.95	1697.3	13400	447.98	579.6	10500	229.04	5498	0	280
22	29974.0	31151.1	1106.95	12365	7570	642.37	1681.4	13400	447.89	577.8	10500	227.69	5121	0	152
23	29977.2	31147.9	1106.93	12363	12200	642.22	1677.3	13400	447.79	576.1	10700	227.26	5005	278	276
24	29967.3	31157.8	1106.88	12358	9750	641.89	1668.4	13200	447.58	572.1	11000	228.02	5212	129	0
25	29972.4	31152.7	1106.80	12351	9000	641.71	1663.7	13200	447.53	571.2	9800	228.80	5430	153	0
26	29967.8	31157.3	1106.87	12357	7650	641.21	1650.2	13200	447.54	571.3	8000	230.77	6004	333	0
27	29963.8	31161.3	1106.87	12357	10300	640.92	1642.2	13200	447.38	568.4	9790	233.40	6823	470	0
28	29956.1	31168.9	1106.92	12362	7230	640.48	1630.4	13000	447.26	566.1	10000	234.40	7150	238	0
29	29950.1	31174.9	1106.95	12365	9550	640.27	1624.8	12400	447.10	563.0	9590	235.77	7613	313	0
30	29939.8	31185.2	1106.92	12362	11900	640.23	1623.7	12400	446.95	560.3	9600	235.55	7538	50	0
TOTAL					301730			343530			245080			3917	2695
AVE.					10060			11450			8170			131	90
AC FT					598000			681000			486000			7769	5345

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

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COLORADO RIVER STORAGE PROJECT DATA (operational) FOR SEPTEMBER 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		
	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		
	COMPUTED 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	8500	3589.62	10786	8700	6015.67	2830	1100	6014.77	860	650	7457.06	353.4	1470	7155.07	113.1	1410
2	8200	3589.60	10784	8500	6015.65	2830	1100	6014.68	860	650	7456.85	352.1	1330	7154.92	112.9	1390
3	6200	3589.50	10775	10400	6015.62	2830	1100	6014.53	860	650	7456.63	350.8	1410	7154.85	112.9	1440
4	4900	3589.37	10764	10500	6015.58	2830	1100	6014.40	860	650	7456.36	349.2	1440	7155.04	113.0	1370
5	6900	3589.28	10755	10600	6015.55	2830	1100	6014.23	860	650	7456.09	347.6	1410	7154.96	113.0	1440
6	6800	3589.19	10747	10500	6015.50	2820	1100	6014.06	860	500	7455.82	346.0	1420	7155.02	113.0	1400
7	5600	3589.10	10739	9300	6015.46	2820	1080	6013.86	860	550	7455.52	344.2	1410	7155.16	113.1	1360
8	14700	3589.21	10749	8600	6015.41	2820	1100	6013.66	850	550	7455.24	342.6	1440	7155.34	113.3	1390
9	15200	3589.29	10756	10600	6015.37	2820	1130	6013.58	850	550	7455.02	341.3	1290	7155.16	113.1	1370
10	27100	3589.61	10785	10600	6015.37	2820	1140	6013.56	850	480	7454.78	339.9	1390	7155.36	113.3	1320
11	27000	3589.93	10814	10500	6015.35	2820	1100	6013.77	860	500	7454.62	338.9	1140	7155.31	113.3	1190
12	26600	3590.24	10842	10600	6015.37	2820	1100	6014.00	860	500	7454.49	338.2	1140	7155.09	113.1	1240
13	15300	3590.32	10849	10600	6015.33	2820	1100	6014.47	860	500	7454.52	338.4	1140	7155.15	113.1	1160
14	23400	3590.59	10874	9300	6015.35	2820	1100	6015.01	870	350	7454.59	338.8	1100	7155.24	113.2	1090
15	23900	3590.88	10900	8800	6015.39	2820	1100	6015.73	870	350	7454.64	339.1	1080	7155.26	113.2	1130
16	17600	3591.01	10912	10400	6015.43	2820	1110	6016.24	880	350	7454.66	339.2	1130	7155.32	113.3	1120
17	17200	3591.13	10923	10500	6015.45	2820	1100	6016.59	880	350	7454.67	339.2	1070	7155.36	113.3	1060
18	13800	3591.18	10928	10500	6015.43	2820	1100	6017.08	880	350	7454.71	339.5	960	7155.10	113.1	1080
19	12000	3591.19	10929	10800	6015.41	2820	1090	6017.81	890	350	7454.80	340.0	990	7154.94	113.0	1060
20	11900	3591.20	10929	10700	6015.39	2820	1110	6018.26	900	350	7454.82	340.1	990	7154.96	113.0	990
21	10100	3591.20	10929	9300	6015.33	2820	1100	6018.52	900	350	7454.82	340.1	1090	7154.96	113.0	1090
22	9500	3591.20	10929	8800	6015.33	2820	1100	6018.99	900	350	7454.88	340.5	1020	7155.08	113.1	1030
23	11400	3591.20	10929	10600	6015.31	2820	1100	6020.07	910	350	7455.12	341.9	940	7155.14	113.1	1030
24	12400	3591.22	10931	10700	6015.29	2820	1100	6020.65	920	350	7455.33	343.1	800	7154.86	112.9	940
25	19300	3591.38	10946	10600	6015.27	2820	1100	6020.98	920	250	7455.54	344.3	710	7154.74	112.8	840
26	11400	3591.37	10945	11100	6015.27	2820	1110	6021.24	920	250	7455.65	345.0	920	7154.82	112.9	930
27	12100	3591.38	10946	10900	6015.33	2820	1100	6021.51	930	250	7455.85	346.2	680	7154.52	112.6	920
28	9000	3591.35	10943	9700	6015.35	2820	1100	6021.82	930	250	7456.01	347.1	820	7154.44	112.6	910
29	8300	3591.32	10940	9100	6015.33	2820	1100	6022.08	930	250	7456.17	348.1	740	7153.98	112.2	950
30	8100	3591.25	10934	10900	6015.33	2820	1100	6022.28	930	250	7456.24	348.5	930	7154.20	112.4	910
TOT	404400			302700			33070			12730			33400			34560
AVE	13480			10090			1100			420			1110			1150
A F	802100			600000			66000			25200			66200			68500

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GLEN CANYON TO HOOVER DAM LOSSES

SEPTEMBER 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	8700	10900	12301	12	616	1099	393	-5594	-11096	19100
2	8500	11500	12306	5	546	1099	164	-3934	-18899	15800
3	10400	17000	12301	-5	582	1099	-164	-7272	-33324	16000
4	10500	11400	12301	0	598	1099	0	-4627	-42502	13100
5	10600	10500	12297	-4	562	1099	-131	385	-41737	10000
6	10500	10100	12298	1	583	1099	33	-1792	-45292	12300
7	9300	8060	12305	7	544	1099	229	-2856	-50958	13500
8	8600	7270	12312	7	590	1099	229	-2216	-55353	12700
9	10600	12500	12318	6	537	1099	197	-8105	-71430	17400
10	10600	9080	12317	-1	481	1099	-33	-1561	-74527	10100
11	10500	10300	12322	5	496	1099	164	-3996	-82452	14600
12	10600	12100	12326	4	447	1099	131	-5168	-92702	15800
13	10600	11400	12332	6	405	1099	197	-5593	-103795	16100
14	9300	8710	12345	13	461	1099	426	-6690	-117065	17300
15	8800	7870	12354	9	450	1099	295	-3679	-124363	14300
16	10400	10000	12359	5	442	1099	164	-4933	-134147	14200
17	10500	8260	12357	-2	522	1099	-66	35	-134078	8810
18	10500	9660	12358	1	544	1099	33	-1463	-136981	11800
19	10800	11700	12358	0	534	1099	0	-2866	-142665	13300
20	10700	10200	12358	0	539	1099	0	-1293	-145229	11800
21	9300	8070	12360	2	551	1099	66	3	-145222	10800
22	8800	7570	12365	5	569	1099	164	-1231	-147664	11900
23	10600	12200	12363	-2	558	1099	-66	-3434	-154475	12800
24	10700	9750	12358	-5	579	1099	-164	67	-154342	8740
25	10600	9000	12351	-7	532	1099	-229	3755	-146894	6870
26	11100	7650	12357	6	537	1099	197	-1803	-150469	12500
27	10900	10300	12357	0	526	1099	0	-1292	-153032	11900
28	9700	7230	12362	5	519	1099	164	-410	-153845	11500
29	9100	9550	12365	3	553	1099	98	-1917	-157648	12800
30	10900	11900	12362	-3	631	1099	-98	-2270	-162151	12000
TOTAL	302700	301840			16034	32970			-162152	389900