RECLAMATION
Managing Water in the West

BUREAU OF RECLAMATION
LOWER COLORADO REGION
BOULDER CITY, NEVADA

ACCUMULATIONS FOR MAY 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	14300	28364	1095.83	14239	28242	28242	11126	394	643.07	15980	31701	31701	3949	2549	2549	448.43	12010	23817	23817	1614	6004	6004
2	14300	56727	1095.71	21611	42864	71106	17024	397	643.46	15990	31710	63411	3970	2579	5127	448.30	13000	25785	49602	1736	5982	11986
3	14300	85091	1095.61	20343	40350	111456	16013	397	643.59	16970	33668	97079	4218	2477	7605	448.17	13020	25824	75426	1727	6022	18008
4	14300	113455	1095.60	16407	32542	143998	12738	391	643.61	17000	33710	130789	4229	1995	9600	448.18	13000	25789	101215	1726	6006	24014
5	15100	143405	1095.57	16686	33096	177094	12992	393	643.52	17190	34088	164877	4272	2017	11617	448.35	11020	21864	123079	1484	5988	30002
6	14900	172959	1095.52	17651	35010	212104	13790	394	643.47	17410	34527	199404	4320	2009	13626	448.27	13990	27740	150819	1840	5980	35982
7	15000	202711	1095.58	13918	27606	239710	10821	392	643.19	17380	34472	233876	4310	2037	15663	448.14	13990	27748	178567	1838	5980	41962
8	14900	232264	1095.63	11658	23124	262834	8985	389	642.81	16810	33337	267213	4154	2011	17675	448.18	13510	26796	205363	1787	5377	47340
9	15000	262017	1095.65	17016	33750	296584	13375	396	642.83	16820	33354	300567	4152	2696	20370	448.20	12520	24825	230188	1666	4915	52255
10	14900	291570	1095.59	18652	36996	333580	14633	396	643.04	16380	32499	333066	4050	3364	23734	448.34	11490	22799	252987	1559	5016	57271
11	14800	320926	1095.52	19160	38004	371584	15103	397	643.19	16000	31735	364801	3947	2949	26684	448.47	10800	21427	274414	1473	5072	62342
12	14500	349686	1095.46	20082	39832	411416	15740	395	643.42	15410	30563	395364	3804	3031	29714	448.77	9020	17895	292309	1225	4822	67164
13	14400	378248	1095.40	18225	36148	447564	14220	393	643.64	14400	28557	423921	3558	2979	32694	448.76	10990	21806	314115	1498	4665	71829
14	21800	421488	1095.37	15485	30714	478278	12025	392	643.50	16400	32538	456459	4069	2979	35673	448.64	11490	22797	336912	1532	4665	76495
15	21800	464727	1095.45	12482	24758	503036	9517	384	643.20	18250	36207	492666	4535	2975	38648	448.80	11510	22827	359739	1564	4804	81299
16	21900	508165	1095.57	15375	30496	533532	12024	394	643.18	14290	28338	521004	3512	2938	41585	448.99	11000	21809	381548	1497	4824	86122
17	21800	551405	1095.63	17463	34638	568170	13756	397	643.46	13990	27740	548744	3453	2515	44100	448.93	11010	21837	403385	1490	4786	90908
18	22400	595835	1095.75	19846	39364	607534	15577	396	644.00	10700	21231	569975	2631	2483	46584	448.89	9800	19441	422826	1331	5736	96645
19	22400	640264	1095.86	18265	36228	643762	14287	394	644.40	12700	25194	595169	3147	2529	49113	448.88	8490	16848	439674	1164	5738	102383
20	22400	684694	1095.92	19465	38608	682370	15215	394	644.62	15980	31695	626864	3981	2515	51628	448.64	10810	21449	461123	1467	6018	108401
21	22400	729124	1096.07	16058	31850	714220	12603	396	644.68	14990	29726	656590	3727	2541	54169	448.68	10800	21427	482550	1467	5332	113732
22	22300	773355	1096.31	12061	23922	738142	9347	391	644.31	14990	29725	686315	3735	2521	56690	448.63	10500	20823	503373	1433	5361	119094
23	22300	817587	1096.47	16099	31932	770074	12588	394	644.54	13600	26975	713290	3361	3025	59714	448.77	10800	21424	524797	1466	5347	124441
24	21900	861025	1096.61	15952	31640	801714	12741	403	644.69	13010	25805	739095	3226	2963	62678	448.60	10400	20626	545423	1382	5288	129729
25	22300	905256	1096.74	17358	34430	836144	13672	397	644.88	13980	27728	766823	3489	2981	65659	448.60	9380	18601	564024	1258	5201	134930
26	22200	949289	1096.87	15757	31254	867398	12217	391	644.77	16000	31735	798558	4016	2963	68622	448.72	8500	16867	580891	1150	5207	140136
27	22200	993322	1097.02	16589	32904	900302	12878	391	644.80	16000	31727	830285	3999	3015	71637	448.80	11190	22194	603085	1525	5189	145325
28	22200	1037355	1097.14	15838	31414	931716	12089	385	644.77	14980	29717	860002	3734	2953	74590	448.69	11580	22961	626046	1551	5189	150514
29	22500	1081983	1097.44	9636	19112	950828	7383	386	644.38	14980	29721	889723	3732	2963	77554	448.76	11000	21811	647857	1463	5234	155748
30	22400	1126413	1097.73	10182	20196	971024	8008	396	644.04	15000	29746	919469	3723	2975	80529	448.64	11030	21887	669744	1479	5334	161082
31	22600	1171240	1097.90	15345	30436	1001460	12003	394	644.04	14980	29722	949191	3715	2991	83520	448.68	10810	21433	691177	1465	5389	166471
TOTAL							394491						118720							46857		

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BOULDER CITY, NEVADA

AVAILABLE RESERVOIR ELEVATIONS AND CONTENTS FOR MAY 2011

	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	31578.8	29546.3	1095.83	11121	14200	643.07	1700.6	16000	448.43	588.3	12000	236.52	7873	603	57
2	31584.3	29540.7	1095.71	11110	21600	643.46	1711.3	16000	448.30	585.8	13000	232.75	6614	0	644
3	31580.2	29544.8	1095.61	11102	20300	643.59	1714.9	17000	448.17	583.3	13000	229.28	5567	0	531
4	31579.4	29545.6	1095.60	11101	16400	643.61	1715.5	17000	448.18	583.5	13000	227.04	4945	0	294
5	31571.7	29553.3	1095.57	11098	16700	643.52	1713.0	17200	448.35	586.8	11000	224.33	4251	36	403
6	31561.3	29563.8	1095.52	11094	17700	643.47	1711.6	17400	448.27	585.2	14000	227.44	5054	460	51
7	31552.6	29572.5	1095.58	11099	13900	643.19	1703.9	17400	448.14	582.7	14000	234.25	7101	1070	0
8	31546.7	29578.3	1095.63	11103	11700	642.81	1693.5	16800	448.18	583.5	13500	239.18	8836	1010	0
9	31574.0	29551.1	1095.65	11105	17000	642.83	1694.1	16800	448.20	583.9	12500	239.18	8836	166	0
10	31615.4	29509.6	1095.59	11100	18700	643.04	1699.8	16400	448.34	586.6	11500	239.69	9027	162	0
11	31662.8	29462.3	1095.52	11094	19200	643.19	1703.9	16000	448.47	589.1	10800	239.76	9054	133	0
12	31726.7	29398.4	1095.46	11088	20100	643.42	1710.2	15400	448.77	594.9	9020	239.26	8866	0	0
13	31782.4	29342.7	1095.40	11083	18200	643.64	1716.3	14400	448.76	594.7	11000	238.79	8690	0	0
14	31814.2	29310.8	1095.37	11081	15500	643.50	1712.4	16400	448.64	592.4	11500	238.35	8529	0	0
15	31855.7	29269.4	1095.45	11088	12500	643.20	1704.2	18300	448.80	595.5	11500	237.99	8396	0	0
16	31906.8	29218.3	1095.57	11098	15400	643.18	1703.7	14300	448.99	599.2	11000	237.73	8303	0	0
17	31963.5	29161.6	1095.63	11103	17500	643.46	1711.3	14000	448.93	598.0	11000	237.98	8393	169	0
18	32026.5	29098.6	1095.75	11114	19800	644.00	1726.2	10700	448.89	597.3	9800	239.76	9054	414	0
19	32108.5	29016.5	1095.86	11124	18300	644.40	1737.3	12700	448.88	597.1	8490	237.78	8321	0	310
20	32171.8	28953.2	1095.92	11129	19500	644.62	1743.4	16000	448.64	592.4	10800	237.39	8181	0	0
21	32248.6	28876.4	1096.07	11142	16100	644.68	1745.0	15000	448.68	593.2	10800	236.99	8038	0	0
22	32318.4	28806.6	1096.31	11163	12100	644.31	1734.8	15000	448.63	592.2	10500	236.65	7919	0	0
23	32395.0	28730.0	1096.47	11177	16100	644.54	1741.2	13600	448.77	594.9	10800	236.28	7789	0	0
24	32469.2	28655.8	1096.61	11190	16000	644.69	1745.3	13000	448.60	591.6	10400	235.92	7664	0	0
25	32534.7	28590.3	1096.74	11201	17400	644.88	1750.6	14000	448.60	591.6	9380	235.58	7548	0	0
26	32601.4	28523.7	1096.87	11213	15800	644.77	1747.5	16000	448.72	594.0	8500	235.25	7435	0	0
27	32669.6	28455.5	1097.02	11226	16600	644.80	1748.4	16000	448.80	595.5	11200	233.09	6722	0	341
28	32745.3	28379.8	1097.14	11236	15800	644.77	1747.5	15000	448.69	593.4	11600	229.74	5700	0	509
29	32829.8	28295.3	1097.44	11263	9640	644.38	1736.7	15000	448.76	594.7	11000	234.20	7084	741	0
30	32938.4	28186.6	1097.73	11289	10200	644.04	1727.3	15000	448.64	592.4	11000	237.22	8120	600	0
31	33044.8	28080.3	1097.90	11304	15300	644.04	1727.3	15000	448.68	593.2	10800	239.63	9005	555	0
TOTAL					505240			478800			348390			6119	3140
AVE.					16300			15450			11240			197	101
AC FT					1002000			950000			691000			12137	6228

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

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BOULDER CITY, NEVADA

COLORADO RIVER STORAGE PROJECT DATA (operational) FOR MAY 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	20300	3612.03	12936	14300	6024.61	3150	4540	6060.85	1360	490	7475.75	475.5	1930	7152.63	111.1	1860
2	22000	3612.16	12949	14300	6024.55	3140	4540	6060.93	1360	500	7475.45	473.4	2080	7153.16	111.6	1970
3	21900	3612.29	12962	14300	6024.39	3140	5570	6060.97	1360	500	7475.21	471.7	1870	7153.02	111.4	2030
4	23600	3612.45	12978	14300	6024.05	3130	8760	6060.96	1360	500	7474.92	469.7	2040	7153.67	112.0	1940
5	21100	3612.55	12989	15100	6023.71	3110	8610	6060.96	1360	580	7474.66	467.8	2270	7154.41	112.5	2160
6	21500	3612.66	13000	14900	6023.41	3100	8610	6060.94	1360	670	7474.44	466.3	2380	7155.30	113.2	2300
7	19900	3612.74	13008	15000	6023.11	3090	8620	6060.99	1360	670	7474.43	466.2	2310	7155.77	113.6	2510
8	19800	3612.82	13016	14900	6022.79	3080	8500	6061.16	1360	670	7474.71	468.2	2280	7156.38	114.1	2530
9	27700	3613.04	13039	15000	6022.69	3080	6510	6061.42	1370	550	7475.15	471.3	2190	7156.62	114.3	2620
10	33800	3613.37	13073	14900	6022.73	3080	4540	6061.56	1370	500	7475.36	472.8	2440	7156.37	114.1	2950
11	40400	3613.82	13119	14800	6022.67	3080	4530	6061.70	1370	510	7475.45	473.4	2700	7156.21	114.0	3150
12	45200	3614.36	13174	14500	6022.69	3080	4540	6061.80	1370	510	7475.35	472.7	2980	7155.95	113.8	3380
13	44700	3614.89	13229	14400	6022.69	3080	4540	6061.91	1370	510	7475.20	471.6	3070	7155.87	113.7	3380
14	44300	3615.28	13269	21800	6022.65	3070	4540	6062.06	1370	510	7475.12	471.1	2940	7155.71	113.6	3330
15	42100	3615.63	13305	21800	6022.63	3070	4540	6062.26	1380	510	7475.09	470.9	3060	7156.00	113.8	3340
16	39300	3615.93	13336	21900	6022.61	3070	4540	6062.51	1380	510	7475.23	471.8	3100	7156.60	114.3	3340
17	41600	3616.27	13372	21800	6022.63	3070	4540	6062.78	1380	510	7475.48	473.6	2930	7157.17	114.7	3170
18	38700	3616.55	13401	22400	6022.71	3080	4540	6063.01	1390	510	7475.75	475.5	2540	7156.31	114.1	3320
19	51900	3617.06	13454	22400	6022.83	3080	4540	6063.23	1390	520	7475.84	476.1	2900	7156.25	114.0	3300
20	50200	3617.54	13504	22400	6022.93	3080	4540	6063.45	1390	520	7475.85	476.2	2980	7156.23	114.0	3320
21	52500	3618.06	13559	22400	6023.09	3090	4540	6063.64	1390	520	7475.73	475.4	2960	7155.92	113.7	3350
22	52600	3618.58	13613	22300	6023.23	3100	4540	6063.81	1400	520	7475.58	474.3	2980	7155.69	113.6	3330
23	49200	3619.04	13662	22300	6023.37	3100	4540	6063.94	1400	510	7475.39	473.0	3150	7155.81	113.7	3380
24	52300	3619.56	13717	21900	6023.51	3110	4540	6064.06	1400	510	7475.27	472.1	3080	7156.11	113.9	3320
25	46400	3619.97	13760	22300	6023.59	3110	4540	6064.18	1400	510	7475.11	471.0	3130	7156.61	114.3	3280
26	48200	3620.41	13807	22200	6023.77	3120	4540	6064.32	1400	510	7475.02	470.4	3060	7157.07	114.7	3230
27	48800	3620.86	13855	22200	6023.79	3120	4540	6064.56	1410	510	7475.08	470.8	2920	7157.14	114.7	3320
28	52300	3621.37	13909	22200	6023.97	3120	4540	6064.85	1410	510	7475.41	473.1	2960	7158.06	115.5	3160
29	49200	3621.82	13957	22500	6024.17	3130	4540	6065.28	1420	510	7476.54	481.1	1380	7156.32	114.1	2770
30	59700	3622.45	14025	22400	6024.51	3140	4540	6065.79	1420	510	7477.63	488.9	2330	7156.05	113.8	3130
31	62900	3623.13	14098	22600	6024.73	3150	4540	6066.13	1430	510	7478.26	493.4	2770	7156.18	114.0	3270
TOT	1244100			590500			164130			16380			81710			91440
AVE	40132			19050			5290			530			2640			2950
A F	2467600			1171000			326000			32500			162100			181400

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LOWER COLORADO REGION
BOULDER CITY, NEVADA

GLEN CANYON TO HOOVER DAM LOSSES

MAY 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	14300	14200	11121	6	622	756	197	-3408	-6759	18800
2	14300	21600	11110	-11	609	756	-360	-1668	-10068	17100
3	14300	20300	11102	-8	642	756	-262	-3099	-16214	17400
4	14300	16400	11101	-1	641	756	-33	-2989	-22142	17300
5	15100	16700	11098	-3	695	756	-98	-2289	-26682	16500
6	14900	17700	11094	-4	679	756	-131	-2722	-32080	17000
7	15000	13900	11099	5	717	756	164	-2989	-38008	18100
8	14900	11700	11103	4	683	756	131	-337	-38677	15300
9	15000	17000	11105	2	670	756	66	-4545	-47692	19500
10	14900	18700	11100	-5	702	756	-164	-2564	-52778	17500
11	14800	19200	11094	-6	672	756	-197	-2455	-57647	17400
12	14500	20100	11088	-6	652	756	-197	-3360	-64310	18300
13	14400	18200	11083	-5	644	756	-164	-2124	-68524	16900
14	21800	15500	11081	-2	655	756	-66	-1380	-71261	15800
15	21800	12500	11088	7	664	756	229	-3264	-77735	17700
16	21900	15400	11098	10	641	756	328	-337	-78404	22200
17	21800	17500	11103	5	679	756	164	216	-77975	21600
18	22400	19800	11114	11	681	756	360	-5287	-88462	27100
19	22400	18300	11124	10	689	756	328	-3268	-94944	25100
20	22400	19500	11129	5	702	756	164	-1282	-97486	23600
21	22400	16100	11142	13	697	756	426	-2107	-101666	24500
22	22300	12100	11163	21	618	756	688	-2329	-106286	24700
23	22300	16100	11177	14	641	756	459	-2638	-111519	25000
24	21900	16000	11190	13	631	756	426	-2032	-115550	24400
25	22300	17400	11201	11	628	756	360	-2340	-120192	24700
26	22200	15800	11213	12	617	756	393	-1736	-123636	23600
27	22200	16600	11226	13	628	756	426	-2689	-128970	25000
28	22200	15800	11236	10	636	756	328	-319	-129602	22600
29	22500	9640	11263	27	567	756	885	-3233	-136015	25500
30	22400	10200	11289	26	520	756	852	-3257	-142476	25400
31	22600	15300	11304	15	601	756	492	-2211	-146862	24700
TOTAL	590500	504900			20123	23436			-146863	650300