RECLAMATION
Managing Water in the West

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BUREAU OF RECLAMATION
LOWER COLORADO REGION
BOULDER CITY, NEVADA

ACCUMULATIONS FOR APRIL 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	18400	36496	1096.38	19850	39372	39372	15631	397	643.33	18480	36659	36659	4617	2499	2499	447.86	15620	30978	30978	2035	5875	5875
2	18300	72793	1096.48	13008	25802	65174	10139	393	642.83	18600	36890	73549	4640	2513	5012	447.72	15020	29784	60762	1955	5806	11681
3	18800	110083	1096.65	13462	26702	91876	10432	391	642.71	18600	36888	110437	4629	2489	7501	447.76	14500	28753	89515	1884	6419	18099
4	16000	141818	1096.67	16968	33656	125532	13343	396	642.38	18650	36990	147427	4629	2499	10001	447.71	14510	28790	118305	1904	5980	24079
5	15900	173355	1096.74	15626	30994	156526	12251	395	641.99	18760	37217	184644	4611	2505	12506	447.56	15670	31079	149384	2023	5806	29885
6	15900	204893	1096.79	16190	32112	188638	12825	399	641.80	18890	37469	222113	4632	2479	14985	447.63	14000	27778	177162	1829	5980	35865
7	15900	236430	1096.62	22896	45414	234052	18260	402	641.99	19080	37851	259964	4683	2511	17496	447.69	13010	25797	202959	1706	6081	41946
8	15900	267967	1096.56	23330	46274	280326	18575	401	642.24	18890	37465	297429	4660	2454	19950	447.69	15000	29757	232716	1962	6091	48038
9	15900	299504	1096.57	15062	29874	310200	11929	399	641.96	18890	37477	334906	4682	2499	22449	447.75	14050	27877	260593	1819	6063	54101
10	15900	331041	1096.61	16576	32878	343079	13090	398	641.77	18890	37476	372382	4675	2460	24908	447.78	13960	27681	288274	1797	6069	60171
11	15700	362182	1096.54	19698	39070	382149	15623	400	641.88	18090	35880	408262	4431	1561	26469	447.92	13510	26802	315076	1768	6093	66264
12	15400	392727	1096.47	20217	40100	422249	16078	401	642.00	17990	35684	443946	4438	1553	28022	448.09	13000	25787	340863	1711	5978	72242
13	15500	423471	1096.38	22745	45114	467363	18080	401	642.35	16990	33703	477649	4230	1603	29625	448.30	11500	22803	363666	1549	5980	78222
14	15500	454215	1096.26	19505	38688	506050	16230	420	642.70	15780	31308	508957	3945	2596	32221	448.72	8540	16938	380604	1165	5988	84210
15	15500	484959	1096.08	23135	45888	551938	18390	401	643.21	15560	30858	539815	3844	2575	34796	448.52	13290	26366	406970	1773	5988	90198
16	15500	515702	1096.08	16726	33176	585114	13235	399	643.07	17810	35318	575133	4422	2571	37367	448.20	14730	29222	436192	1926	5982	96180
17	15500	546446	1096.16	13578	26932	612046	10579	393	642.67	17800	35311	610444	4410	2549	39915	448.13	13420	26617	462809	1767	5978	102159
18	15500	577190	1096.03	20590	40840	652886	16437	402	642.88	17780	35274	645718	4401	2545	42460	448.10	14190	28153	490962	1878	6028	108186
19	13900	604760	1096.02	17751	35208	688094	14126	401	642.80	17990	35685	681403	4457	2577	45037	447.93	14800	29358	520320	1952	5954	114141
20	14700	633917	1095.99	18901	37490	725584	15039	401	642.81	17600	34901	716304	4371	2521	47558	448.00	13000	25776	546096	1706	6040	120180
21	15500	664661	1095.91	19267	38216	763800	15231	399	643.14	16000	31744	748048	3952	2501	50059	448.34	9690	19212	565308	1322	6042	126222
22	15400	695207	1095.89	17941	35586	799386	14184	399	643.04	17790	35295	783343	4413	2541	52600	448.08	15210	30171	595479	2020	6046	132268
23	15400	725752	1095.86	18029	35760	835146	14338	401	642.95	17800	35298	818641	4406	2553	55152	448.13	13200	26174	621653	1732	6040	138307
24	15500	756496	1096.01	12102	24004	859151	9405	392	642.62	17190	34092	852733	4247	2515	57667	448.14	13100	25986	647639	1734	6044	144351
25	15500	787240	1095.92	19416	38512	897663	15344	398	642.87	15980	31702	884435	4027	2053	59720	448.12	13190	26172	673811	1753	6046	150397
26	15400	817785	1095.96	16705	33134	930796	13195	398	642.75	17000	33718	918153	4284	2093	61813	448.29	12010	23812	697623	1573	6006	156403
27	15400	848331	1095.91	18727	37144	967940	14849	400	642.93	16000	31727	949880	3948	2093	63905	448.39	10400	20627	718250	1401	5990	162393
28	15400	878876	1095.85	17945	35594	1003534	14252	400	642.84	16990	33703	983583	4198	2612	66518	448.54	10400	20631	738881	1411	6006	168399
29	15400	909421	1095.84	19316	38312	1041846	15304	399	643.42	15970	31674	1015257	3946	2584	69102	448.66	12000	23797	762678	1615	6012	174411
30	15400	939967	1095.76	18438	36572	1078418	14544	398	643.30	16000	31733	1046990	3967	2582	71685	448.54	12000	23807	786485	1614	6014	180424
TOTAL							430938						130796							52284		

RECLAMATION
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AVAILABLE RESERVOIR ELEVATIONS AND CONTENTS FOR APRIL 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	31491.7	29633.3	1096.38	11169	19900	643.33	1707.8	18500	447.86	577.4	15600	232.40	6504	0	630
2	31471.0	29654.0	1096.48	11178	13000	642.83	1694.1	18600	447.72	574.7	15000	231.28	6158	22	174
3	31466.9	29658.2	1096.65	11193	13500	642.71	1690.8	18600	447.76	575.5	14500	233.68	6913	423	0
4	31449.5	29675.5	1096.67	11195	17000	642.38	1681.8	18600	447.71	574.5	14500	233.43	6833	147	165
5	31436.4	29688.6	1096.74	11201	15600	641.99	1671.1	18800	447.56	571.7	15700	232.99	6690	0	24
6	31430.5	29694.6	1096.79	11206	16200	641.80	1666.0	18900	447.63	573.0	14000	232.77	6620	0	0
7	31416.0	29709.1	1096.62	11191	22900	641.99	1671.1	19100	447.69	574.1	13000	232.51	6538	0	0
8	31413.1	29712.0	1096.56	11185	23300	642.24	1678.0	18900	447.69	574.1	15000	232.23	6450	0	0
9	31397.2	29727.8	1096.57	11186	15100	641.96	1670.3	18900	447.75	575.3	14100	234.61	7220	435	0
10	31397.5	29727.5	1096.61	11190	16600	641.77	1665.2	18900	447.78	575.8	14000	238.78	8687	808	0
11	31398.1	29726.9	1096.54	11184	19700	641.88	1668.2	18100	447.92	578.5	13500	239.54	8971	274	0
12	31396.9	29728.1	1096.47	11177	20200	642.00	1671.4	18000	448.09	581.7	13000	239.76	9054	141	0
13	31397.6	29727.5	1096.38	11169	22700	642.35	1681.0	17000	448.30	585.8	11500	239.90	9106	127	0
14	31410.8	29714.3	1096.26	11159	19500	642.70	1690.5	15800	448.72	594.0	8540	239.50	8956	15	0
15	31404.2	29720.9	1096.08	11143	23100	643.21	1704.5	15600	448.52	590.1	13300	239.50	8956	86	0
16	31393.7	29731.4	1096.08	11143	16700	643.07	1700.6	17800	448.20	583.9	14700	237.64	8270	85	376
17	31393.7	29731.4	1096.16	11150	13600	642.67	1689.7	17800	448.13	582.5	13400	233.55	6871	0	705
18	31394.8	29730.3	1096.03	11139	20600	642.88	1695.4	17800	448.10	581.9	14200	231.17	6124	0	365
19	31394.6	29730.4	1096.02	11138	17800	642.80	1693.2	18000	447.93	578.7	14800	230.98	6066	0	0
20	31400.6	29724.4	1095.99	11135	18900	642.81	1693.5	17600	448.00	580.0	13000	230.79	6010	0	0
21	31417.4	29707.7	1095.91	11128	19300	643.14	1702.6	16000	448.34	586.6	9690	230.61	5956	21	15
22	31429.5	29695.6	1095.89	11126	17900	643.04	1699.8	17800	448.08	581.6	15200	235.50	7520	841	5
23	31442.2	29682.8	1095.86	11124	18000	642.95	1697.3	17800	448.13	582.5	13200	238.67	8647	631	0
24	31463.2	29661.8	1096.01	11137	12100	642.62	1688.3	17200	448.14	582.7	13100	239.54	8971	302	0
25	31487.2	29637.9	1095.92	11129	19400	642.87	1695.2	16000	448.12	582.3	13200	239.90	9106	167	0
26	31504.1	29621.0	1095.96	11132	16700	642.75	1691.9	17000	448.29	585.6	12000	239.99	9140	118	0
27	31531.2	29593.9	1095.91	11128	18700	642.93	1696.8	16000	448.39	587.6	10400	239.72	9039	48	0
28	31544.9	29580.2	1095.85	11123	17900	642.84	1694.3	17000	448.54	590.5	10400	239.32	8888	11	0
29	31568.7	29556.3	1095.84	11122	19300	643.42	1710.2	16000	448.66	592.8	12000	239.25	8862	103	244
30	31577.0	29548.1	1095.76	11115	18400	643.30	1706.9	16000	448.54	590.5	12000	234.84	7297	0	593
TOTAL					543600			528100			396530			4805	3296
AVE.					18120			17600			13220			160	110
AC FT					1078000			1047000			787000			9531	6538

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

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COLORADO RIVER STORAGE PROJECT DATA (operational) FOR APRIL 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		
	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	10500	3610.58	12789	18400	6025.09	3160	1020	6058.31	1330	500	7478.32	493.8	1530	7154.45	112.6	1540
2	9400	3610.41	12772	18300	6025.19	3170	1050	6058.36	1330	500	7478.19	492.9	1560	7154.82	112.9	1510
3	7100	3610.19	12749	18800	6025.29	3170	1060	6058.42	1330	500	7478.15	492.6	1440	7155.00	113.0	1440
4	9300	3610.06	12736	16000	6025.35	3170	1140	6058.57	1330	500	7478.00	491.5	1500	7155.24	113.2	1460
5	11400	3609.97	12727	15900	6025.43	3180	1640	6058.66	1330	500	7477.87	490.6	1440	7154.94	113.0	1600
6	13000	3609.91	12721	15900	6025.41	3180	2150	6058.72	1330	500	7477.72	489.5	1690	7155.06	113.1	1720
7	13000	3609.85	12715	15900	6025.41	3180	2670	6058.85	1330	510	7477.49	487.9	1690	7155.34	113.3	1650
8	13100	3609.79	12709	15900	6025.45	3180	3060	6058.93	1330	500	7477.35	486.9	1650	7155.17	113.1	1780
9	11400	3609.70	12700	15900	6025.43	3180	3040	6058.98	1330	500	7477.19	485.7	1640	7155.14	113.1	1740
10	18500	3609.74	12704	15900	6025.37	3170	3040	6059.02	1340	500	7477.04	484.7	1690	7155.34	113.3	1670
11	16700	3609.75	12705	15700	6025.39	3170	2980	6059.07	1340	500	7476.86	483.4	1680	7155.39	113.3	1710
12	16400	3609.76	12706	15400	6025.35	3170	3040	6059.08	1340	500	7476.70	482.2	1700	7155.32	113.3	1800
13	13700	3609.72	12702	15500	6025.37	3170	3040	6059.07	1340	500	7476.48	480.7	1690	7155.16	113.1	1850
14	21400	3609.82	12712	15500	6025.29	3170	3040	6059.04	1340	500	7476.39	480.0	1640	7155.05	113.1	1770
15	17000	3609.84	12714	15500	6025.25	3170	3040	6059.01	1340	600	7476.24	479.0	1640	7154.82	112.9	1800
16	17500	3609.87	12717	15500	6025.19	3170	3040	6058.99	1340	650	7476.11	478.0	1640	7154.67	112.7	1790
17	18100	3609.91	12721	15500	6025.23	3170	3050	6059.01	1340	640	7476.02	477.4	1640	7154.63	112.7	1790
18	19700	3609.98	12728	15500	6025.19	3170	3040	6059.08	1340	640	7475.98	477.1	1640	7154.66	112.7	1830
19	15400	3610.00	12730	13900	6025.19	3170	3020	6059.22	1340	650	7476.10	478.0	1640	7155.12	113.1	1690
20	17900	3610.05	12735	14700	6025.17	3170	3050	6059.35	1340	540	7476.15	478.3	1640	7155.23	113.2	1810
21	19700	3610.12	12742	15500	6025.15	3170	3060	6059.47	1340	500	7476.16	478.4	1640	7155.11	113.1	1900
22	26300	3610.31	12762	15400	6025.17	3170	3060	6059.61	1340	490	7476.21	478.8	1610	7155.23	113.2	1780
23	24600	3610.47	12778	15400	6025.17	3170	3060	6059.73	1340	500	7476.30	479.4	1230	7153.98	112.2	1900
24	24700	3610.63	12794	15500	6025.13	3170	3060	6059.94	1350	510	7476.46	480.5	970	7152.40	111.0	1830
25	29100	3610.87	12818	15500	6025.13	3170	3070	6060.15	1350	510	7476.55	481.2	1250	7151.45	110.2	1800
26	24700	3611.03	12834	15400	6025.07	3160	3530	6060.32	1350	500	7476.50	480.8	1620	7151.30	110.1	1840
27	31300	3611.31	12863	15400	6024.99	3160	4150	6060.49	1350	500	7476.47	480.6	1510	7150.82	109.7	1810
28	28000	3611.53	12885	15400	6024.93	3160	4530	6060.63	1360	500	7476.32	479.5	1830	7151.26	110.1	1740
29	23500	3611.67	12899	15400	6024.81	3150	4530	6060.64	1360	500	7476.13	478.2	1960	7151.82	110.5	1840
30	30200	3611.93	12926	15400	6024.71	3150	4530	6060.75	1360	500	7475.97	477.1	1850	7152.20	110.8	1860
TOT	552600			473900			86790			15740			47850			52250
AVE	18420			15800			2890			520			1590			1740
A F	1096100			940000			172000			31200			94900			103600

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BOULDER CITY, NEVADA

GLEN CANYON TO HOOVER DAM LOSSES

APRIL 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	18400	19900	11169	-1	556	679	-33	-2251	-4464	20600
2	18300	13000	11178	9	565	679	295	-702	-5856	19100
3	18800	13500	11193	15	571	679	492	-4419	-14621	22800
4	16000	17000	11195	2	570	679	66	-1013	-16629	19300
5	15900	15600	11201	6	561	679	197	-1287	-19182	20100
6	15900	16200	11206	5	573	679	164	-4133	-27380	20100
7	15900	22900	11191	-15	584	679	-492	-236	-27848	16100
8	15900	23300	11185	-6	570	679	-197	-5472	-38702	21300
9	15900	15100	11186	1	546	679	33	-984	-40654	16900
10	15900	16600	11190	4	498	679	131	-4000	-48589	19900
11	15700	19700	11184	-6	509	679	-197	-1773	-52105	17700
12	15400	20200	11177	-7	516	679	-229	-1752	-55581	17600
13	15500	22700	11169	-8	538	679	-262	-3906	-63328	19600
14	15500	19500	11159	-10	567	679	-328	61	-63206	15400
15	15500	23100	11143	-16	555	679	-524	-224	-63651	15700
16	15500	16700	11143	0	575	679	0	-2411	-68434	18000
17	15500	13600	11150	7	567	679	229	-3088	-74560	18600
18	15500	20600	11139	-11	562	679	-360	-445	-75443	15900
19	13900	17800	11138	-1	585	679	-33	-3066	-81523	18500
20	14700	18900	11135	-3	595	679	-98	-3087	-87646	18600
21	15500	19300	11128	-7	600	679	-229	-2883	-93364	16800
22	15400	17900	11126	-2	620	679	-66	-3378	-100065	18100
23	15400	18000	11124	-2	619	679	-66	-2751	-105521	18200
24	15500	12100	11137	13	563	679	426	-4890	-115220	20300
25	15500	19400	11129	-8	579	679	-262	-918	-117041	16400
26	15400	16700	11132	3	594	679	98	-4125	-125223	19600
27	15400	18700	11128	-4	590	679	-131	-2370	-129923	17800
28	15400	17900	11123	-5	614	679	-164	-1066	-132037	16500
29	15400	19300	11122	-1	615	679	-33	-4624	-141210	20100
30	15400	18400	11115	-7	608	679	-229	-532	-142266	15900
TOTAL	473900	543700			17165	20370			-142266	551600