

BUREAU OF RECLAMATION
 LOWER COLORADO REGION
 BOULDER CITY, NEVADA

ACCUMULATIONS FOR NOVEMBER 2010

DAY	GLEN CANYON		LAKE MEAD ELEV.	HOOVER DAM					LAKE MOHAVE ELEV.	DAVIS DAM				MWD		LAKE HAVASU ELEV.	PARKER DAM			C.A.P.			
	CFS	ACCUM. A.F.		HOOVER CFS	RELEASE A.F.	ACCUM.	GROSS GEN	RATE KWH/AF		DAVIS CFS	RELEASE A.F.	ACCUM.	GROSS GEN	DIVER. A.F.	AT INTAKE ACCUM.		PARKER CFS	RELEASE A.F.	ACCUM.	GROSS GEN.	DIVER. A.F.	ACCUM. A.F.	
1	13600	26975	1082.25	12383	24562	24562	9385	382	633.07	12790	25374	25374	3041	3316	3316	449.24	9010	17864	17864	1223	6030	6030	
2	13700	54149	1082.17	12291	24378	48940	9363	384	633.33	9600	19040	44414	2280	3299	6615	449.05	8000	15874	33738	1087	6014	12044	
3	13800	81521	1082.10	12138	24076	73016	9072	377	633.36	9600	19046	63460	2277	3285	9900	448.87	7000	13893	47631	953	6052	18095	
4	13400	108099	1082.07	13951	27672	100688	10713	387	633.66	9600	19044	82504	2284	3320	13220	448.87	6000	11908	59539	817	4919	23014	
5	13900	135669	1082.08	13670	27114	127802	10388	383	633.92	10930	21676	104180	2621	3269	16489	448.71	7480	14843	74382	1026	6038	29052	
6	13200	161851	1082.10	10964	21746	149548	8194	377	633.90	10170	20176	124356	2431	3416	19904	448.64	7020	13918	88300	953	6034	35086	
7	12500	186645	1082.19	11076	21968	171516	8373	381	633.88	10210	20244	144600	2443	3336	23240	448.45	7500	14882	103182	1027	6030	41115	
8	13600	213620	1082.17	12807	25402	196918	9666	381	633.96	11990	23780	168380	2871	3217	26458	448.26	8530	16912	120094	1152	6030	47145	
9	13900	241190	1082.20	12856	25500	222418	9689	380	633.91	11980	23754	192134	2875	3237	29695	448.20	8020	15898	135992	1085	6058	53203	
10	14000	268959	1082.16	13857	27484	249902	10472	381	634.07	12010	23830	215964	2882	3295	32989	448.01	9520	18881	154873	1292	6012	59215	
11	13900	296529	1082.19	11928	23658	273560	8895	376	634.08	11790	23384	239348	2832	3249	36238	448.19	6010	11923	166796	817	5526	64740	
12	13900	324099	1082.20	13862	27494	301054	10425	379	634.13	11750	23300	262648	2815	3291	39529	448.14	7510	14887	181683	1026	5996	70737	
13	13300	350479	1082.20	13050	25884	326938	9754	377	634.25	11610	23024	285672	2786	3297	42825	448.28	6020	11940	193623	819	5994	76731	
14	12700	375669	1082.20	13880	27530	354468	10390	377	634.29	11680	23170	308842	2800	3279	46104	448.33	6510	12917	206540	888	5996	82727	
15	13900	403240	1082.20	13556	26888	381356	10283	382	634.31	11480	22780	331622	2759	3362	49466	448.32	7010	13913	220453	956	5994	88721	
16	14000	431008	1082.17	14947	29646	411002	11418	385	634.56	11480	22770	354392	2748	3237	52703	448.32	7520	14906	235359	1021	5691	94411	
17	14000	458777	1082.15	14142	28050	439052	10667	380	634.78	11500	22804	377196	2777	3304	56007	448.33	8010	15881	251240	1078	4826	99237	
18	13800	486149	1082.16	14061	27890	466942	10705	384	634.85	11500	22802	399998	2774	3283	59290	448.44	6010	11914	263154	814	4824	104061	
19	13900	513719	1082.08	14738	29232	496174	11276	386	635.09	11470	22760	422758	2750	3275	62565	448.45	7510	14902	278056	1009	4393	108454	
20	13300	540099	1082.10	12651	25092	521266	9602	383	635.11	11440	22700	445458	2769	3281	65845	448.43	7670	15215	293271	1034	4370	112824	
21	12800	565488	1082.14	13158	26098	547364	9989	383	635.11	10970	21758	467216	2657	3261	69106	448.39	8720	17291	310562	1183	4828	117652	
22	14000	593256	1082.08	15579	30900	578264	11964	387	635.60	9410	18664	485880	2280	3255	72361	448.57	5020	9950	320512	663	4844	122495	
23	14000	621025	1081.95	16228	32188	610452	12439	386	636.02	9200	18250	504130	2233	3324	75685	448.53	5500	10907	331419	742	4844	127339	
24	14100	648992	1081.94	15380	30506	640958	11637	381	636.54	10010	19846	523976	2444	3257	78942	448.74	5510	10928	342347	745	4826	132165	
25	12800	674380	1081.95	12559	24910	665868	9407	378	636.67	9280	18404	542380	2269	3314	82257	448.64	5300	10509	352856	708	4784	136949	
26	14000	702149	1081.91	15679	31100	696968	11867	382	637.04	9290	18424	560804	2280	3281	85537	448.48	7610	15093	367949	1044	4782	141731	
27	13300	728529	1081.89	13228	26238	723206	9992	381	637.08	10210	20248	581052	2497	3283	88820	448.18	7800	15471	383420	1066	4776	146507	
28	12800	753917	1081.91	11944	23690	746896	8925	377	637.40	8600	17056	598108	2112	3279	92099	448.05	7990	15844	399264	1080	4338	150845	
29	14000	781686	1081.90	13329	26438	773334	10088	382	637.81	7750	15374	613482	1916	3015	95113	447.90	6810	13512	412776	926	4310	155155	
30	14000	809455	1081.94	13379	26536	799870	10024	378	638.09	8620	17102	630584	2134	3295	98408	447.59	7500	14867	427643	1021	3656	158811	
TOTAL							305063						76637							29255			

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AVAILABLE RESERVOIR ELEVATIONS AND CONTENTS FOR NOVEMBER 2010

AVAILABLE CAPACITY IN A.F. ELEVATION IN FEET		LAKE MEAD *25877000 1219.6			LAKE MOHAVE 1809800 647.0			LAKE HAVASU 619400 450.0			SENATOR WASH 9144 240.0				
DAY	TOTAL SYSTEM STORAGE**	TOTAL AVAILABLE SPACE	ELEVATION FEET	HOOVER CONTENT 1000A.F.	RELEASE ft3/s	ELEVATION FEET	DAVIS CONTENT 1000A.F.	RELEASE ft3/s	ELEVATION FEET	PARKER CONTENT 1000A.F.	RELEASE ft3/s	ELEVATION FEET	SENATOR WASH CONTENT A.F.	WASH PUMPED ft3/s	RELEASE ft3/s
1	32758.6	28123.5	1082.25	9962	12400	633.07	1436.2	12800	449.24	604.2	9010	228.90	5458	217	299
2	32741.6	28140.5	1082.17	9955	12300	633.33	1442.8	9600	449.05	600.4	8000	235.14	7398	102	0
3	32721.0	28161.0	1082.10	9949	12100	633.36	1443.6	9600	448.87	596.9	7000	236.92	8013	360	0
4	32713.4	28168.7	1082.07	9947	14000	633.66	1451.3	9600	448.87	596.9	6000	237.60	8256	196	0
5	32702.1	28180.0	1082.08	9948	13700	633.92	1458.0	10900	448.71	593.8	7480	239.69	9027	523	0
6	32688.6	28193.5	1082.10	9949	11000	633.90	1457.4	10200	448.64	592.4	7020	240.08	9174	163	0
7	32677.1	28205.0	1082.19	9957	11100	633.88	1456.9	10200	448.45	588.7	7500	239.64	9009	0	0
8	32653.0	28229.1	1082.17	9955	12800	633.96	1459.0	12000	448.26	585.0	8530	239.07	8795	0	0
9	32643.0	28239.0	1082.20	9958	12900	633.91	1457.7	12000	448.20	583.9	8020	236.80	7971	0	356
10	32627.7	28254.4	1082.16	9954	13900	634.07	1461.8	12000	448.01	580.2	9520	233.09	6722	0	660
11	32612.8	28269.3	1082.19	9957	11900	634.08	1462.1	11800	448.19	583.7	6010	233.98	7011	206	0
12	32599.5	28282.5	1082.20	9958	13900	634.13	1463.3	11700	448.14	582.7	7510	236.07	7716	411	0
13	32589.3	28292.7	1082.20	9958	13000	634.25	1466.4	11600	448.28	585.4	6020	240.00	9144	803	0
14	32576.5	28305.5	1082.20	9958	13900	634.29	1467.5	11700	448.33	586.4	6510	239.51	8960	11	0
15	32563.8	28318.3	1082.20	9958	13600	634.31	1468.0	11500	448.32	586.2	7010	239.55	8975	220	150
16	32544.4	28337.6	1082.17	9955	14900	634.56	1474.4	11500	448.32	586.2	7520	239.53	8967	85	0
17	32539.2	28342.8	1082.15	9953	14100	634.78	1480.0	11500	448.33	586.4	8010	238.39	8543	45	194
18	32525.1	28357.0	1082.16	9954	14100	634.85	1481.8	11500	448.44	588.5	6010	239.98	9136	373	0
19	32507.0	28375.0	1082.08	9948	14700	635.09	1488.0	11500	448.45	588.7	7510	239.50	8956	0	0
20	32491.2	28390.9	1082.10	9949	12700	635.11	1488.6	11400	448.43	588.3	7670	239.11	8810	31	0
21	32486.2	28395.9	1082.14	9953	13200	635.11	1488.6	11000	448.39	587.6	8720	239.94	9121	236	0
22	32476.0	28406.1	1082.08	9948	15600	635.60	1501.3	9410	448.57	591.1	5020	237.54	8234	0	406
23	32451.2	28430.9	1081.95	9937	16200	636.02	1512.2	9200	448.53	590.3	5500	235.95	7674	28	275
24	32460.8	28421.2	1081.94	9936	15400	636.54	1525.8	10000	448.74	594.4	5510	235.68	7582	0	0
25	32441.8	28440.2	1081.95	9937	12600	636.67	1529.3	9280	448.64	592.4	5300	235.34	7466	0	0
26	32426.3	28455.8	1081.91	9934	15700	637.04	1539.0	9290	448.48	589.3	7610	232.54	6548	0	429
27	32403.0	28479.1	1081.89	9932	13200	637.08	1540.0	10200	448.18	583.5	7800	229.65	5674	0	465
28	32391.0	28491.1	1081.91	9934	11900	637.40	1548.4	8600	448.05	581.0	7990	233.16	6745	595	0
29	32383.2	28498.9	1081.90	9933	13300	637.81	1559.2	7750	447.90	578.1	6810	237.17	8102	737	0
30	32365.3	28516.8	1081.94	9936	13400	638.09	1566.6	8620	447.59	572.3	7500	238.67	8647	394	61
TOTAL					403500			317950			215620			5736	3295
AVE.					13450			10600			7190			191	110
AC FT					800000			631000			428000			11377	6536

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

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COLORADO RIVER STORAGE PROJECT DATA (operational) FOR NOVEMBER 2010

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			
DATE	INFLOW FT3/S	ELEVATION (FEET)	CONTENT (1000 AF)	RELEASE FT3/S	ELEVATION (FEET)	CONTENT (1000 AF)	RELEASE FT3/S	ELEVATION (FEET)	CONTENT (1000 AF)	RELEASE FT3/S	ELEVATION (FEET)	CONTENT (1000 AF)	RELEASE FT3/S	ELEVATION (FEET)	CONTENT (1000 AF)	RELEASE FT3/S
1	8800	3633.97	15302	13600	6024.23	3130	930	6063.46	1390	480	7486.16	551.8	700	7154.24	112.4	570
2	8700	3633.86	15290	13700	6024.23	3130	1000	6063.43	1390	480	7486.16	551.8	490	7154.45	112.6	450
3	8800	3633.76	15278	13800	6024.23	3130	1070	6063.39	1390	480	7486.19	552.1	480	7154.68	112.8	430
4	9000	3633.66	15267	13400	6024.21	3130	1120	6063.36	1390	480	7486.20	552.1	440	7154.85	112.9	420
5	8800	3633.53	15252	13900	6024.21	3130	1060	6063.32	1390	480	7486.24	552.4	380	7154.81	112.9	440
6	8400	3633.42	15239	13200	6024.21	3130	1060	6063.29	1390	480	7486.31	553.0	230	7154.34	112.5	460
7	7600	3633.31	15227	12500	6024.17	3130	1060	6063.25	1390	480	7486.38	553.5	260	7153.96	112.2	450
8	8200	3633.13	15206	13600	6024.19	3130	1060	6063.19	1390	480	7486.36	553.3	600	7154.10	112.3	580
9	8000	3633.05	15197	13900	6024.19	3130	1060	6063.15	1390	480	7486.37	553.4	470	7153.77	112.0	640
10	7900	3632.95	15186	14000	6024.19	3130	1050	6063.10	1390	480	7486.37	553.4	480	7153.89	112.1	460
11	8000	3632.78	15167	13900	6024.17	3130	1060	6063.07	1390	480	7486.35	553.3	510	7154.26	112.4	390
12	8200	3632.67	15154	13900	6024.15	3130	1060	6063.03	1390	480	7486.35	553.3	480	7154.37	112.5	460
13	8200	3632.55	15140	13300	6024.13	3130	1060	6062.98	1390	480	7486.43	553.9	0	7153.32	111.7	460
14	8500	3632.43	15127	12700	6024.13	3130	1060	6062.94	1390	480	7486.56	554.9	0	7152.24	110.8	460
15	8200	3632.34	15117	13900	6024.09	3130	1050	6062.88	1380	480	7486.53	554.6	480	7152.21	110.8	540
16	7900	3632.15	15095	14000	6024.07	3130	1020	6062.83	1380	480	7486.50	554.4	500	7153.57	111.9	0
17	7800	3632.08	15087	14000	6024.05	3130	1050	6062.79	1380	480	7486.55	554.8	420	7154.68	112.8	0
18	7800	3631.93	15070	13800	6024.03	3120	1060	6062.76	1380	480	7486.53	554.6	490	7155.13	113.1	320
19	7800	3631.79	15054	13900	6024.01	3120	1060	6062.70	1380	470	7486.57	554.9	300	7154.41	112.5	610
20	7700	3631.65	15038	13300	6023.99	3120	1050	6062.63	1380	470	7486.64	555.5	230	7153.87	112.1	470
21	7500	3631.60	15033	12800	6023.97	3120	1060	6062.56	1380	480	7486.71	556.0	180	7153.17	111.6	460
22	7300	3631.42	15012	14000	6023.96	3120	1050	6062.55	1380	480	7486.70	555.9	560	7153.52	111.8	430
23	7600	3631.23	14991	14000	6023.94	3120	1050	6062.48	1380	480	7486.66	555.6	480	7153.70	112.0	420
24	7700	3631.19	14987	14100	6023.93	3120	1060	6062.41	1380	480	7486.65	555.6	460	7153.69	112.0	470
25	7700	3631.03	14969	12800	6023.91	3120	1060	6062.36	1380	480	7486.64	555.5	340	7153.42	111.8	450
26	7500	3630.89	14953	14000	6023.89	3120	1050	6062.30	1380	480	7486.61	555.3	480	7153.56	111.9	430
27	7300	3630.76	14938	13300	6023.88	3120	1060	6062.25	1380	480	7486.56	554.9	540	7153.75	112.0	460
28	7100	3630.61	14921	12800	6023.85	3120	1060	6062.19	1380	480	7486.68	555.8	0	7152.63	111.1	450
29	6100	3630.49	14908	14000	6023.85	3120	1050	6062.14	1380	480	7486.63	555.4	530	7152.82	111.3	450
30	5500	3630.31	14888	14000	6023.83	3120	1060	6062.08	1370	480	7486.60	555.2	450	7152.79	111.3	470
TOT	235600			408100			31560			14380			11960			13100
AVE	7853			13600			1050			480			400			440
A F	467300			809000			63000			28500			23700			26000

BUREAU OF RECLAMATION
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GLEN CANYON TO HOOVER DAM LOSSES

NOVEMBER 2010

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	13600	12400	9962	-9	625	-96759	-295	96577	191557	-88560
2	13700	12300	9955	-7	675	-96759	-229	95582	381141	-87540
3	13800	12100	9949	-6	682	-96759	-197	100796	581067	-87190
4	13400	14000	9947	-2	669	-96759	-66	96906	773277	-83160
5	13900	13700	9948	1	644	-96759	33	95720	963135	-81870
6	13200	11000	9949	1	617	-96759	33	98010	1157536	-84600
7	12500	11100	9957	8	598	-96759	262	94663	1345296	-80760
8	13600	12800	9955	-2	546	-96759	-66	97708	1539097	-84480
9	13900	12900	9958	3	592	-96759	98	94201	1725942	-81650
10	14000	13900	9954	-4	567	-96759	-131	98047	1920414	-84430
11	13900	11900	9957	3	531	-96759	98	96601	2112019	-82710
12	13900	13900	9958	1	560	-96759	33	95720	2301877	-81760
13	13300	13000	9958	0	556	-96759	0	97095	2494462	-83200
14	12700	13900	9958	0	504	-96759	0	96300	2685471	-82350
15	13900	13600	9958	0	563	-96759	0	95920	2875726	-82590
16	14000	14900	9955	-3	493	-96759	-98	95724	3065591	-82970
17	14000	14100	9953	-2	525	-96759	-66	97117	3258219	-83200
18	13800	14100	9954	1	554	-96759	33	95528	3447696	-81560
19	13900	14700	9948	-6	595	-96759	-197	98705	3643474	-84680
20	13300	12700	9949	1	577	-96759	33	96787	3835449	-82940
21	12800	13200	9953	4	509	-96759	131	94824	4023529	-80900
22	14000	15600	9948	-5	521	-96759	-164	96626	4215183	-83320
23	14000	16200	9937	-11	550	-96759	-360	98695	4410942	-85910
24	14100	15400	9936	-1	522	-96759	-33	95408	4600182	-81370
25	12800	12600	9937	1	520	-96759	33	97135	4792846	-83100
26	14000	15700	9934	-3	508	-96759	-98	96224	4983703	-82160
27	13300	13200	9932	-2	498	-96759	-66	96893	5175888	-84130
28	12800	11900	9934	2	481	-96759	66	97276	5368833	-83300
29	14000	13300	9933	-1	511	-96759	-33	96799	5560831	-83480
30	14000	13400	9936	3	544	-96759	98	93996	5747270	-81200
TOTAL	408300	403270			16837	-2902770			5747270	-2501200