RECLAMATION
Managing Water in the West

BUREAU OF RECLAMATION
LOWER COLORADO REGION
BOULDER CITY, NEVADA

ACCUMULATIONS FOR DECEMBER 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	9300	18446	1106.40	5898	11698	11698	4762	407	636.87	7590	15064	15064	1771	2954	2954	448.31	4490	8912	8912	609	4405	4405
2	10300	38876	1106.35	8908	17668	29366	7330	415	636.85	7210	14309	29373	1674	2983	5937	448.27	3810	7553	16465	483	4437	8842
3	10200	59107	1106.29	11392	22596	51962	9441	418	637.37	5410	10730	40103	1229	3018	8955	448.34	2480	4928	21393	288	4896	13738
4	10100	79140	1106.24	10940	21698	73660	9055	417	637.68	6410	12707	52810	1482	3450	12405	448.23	2990	5935	27328	370	4843	18581
5	10300	99570	1106.18	13293	26366	100026	11029	418	638.09	6980	13854	66664	1633	3396	15801	448.11	3250	6453	33781	396	4827	23408
6	10000	119405	1106.10	12557	24906	124932	10405	418	638.30	8010	15884	82548	1896	3428	19229	447.85	4800	9520	43301	636	4893	28301
7	9000	137256	1106.03	14901	29556	154488	12405	420	638.93	6410	12708	95256	1498	3385	22614	447.72	5000	9925	53226	662	4822	33123
8	8800	154711	1106.03	8143	16152	170640	6624	410	639.14	6010	11912	107168	1403	3395	26009	447.55	4990	9905	63131	677	4830	37953
9	10000	174545	1106.03	10290	20410	191050	8501	417	639.61	4600	9133	116301	1052	2856	28865	447.17	5290	10501	73632	715	4881	42834
10	10200	194777	1105.97	10844	21508	212558	8934	415	639.97	4500	8926	125227	1025	2941	31806	446.59	5500	10906	84538	751	4453	47287
11	10200	215008	1105.94	10814	21450	234008	8897	415	640.32	5400	10714	135941	1259	2939	34745	446.14	5800	11497	96035	792	3281	50568
12	10100	235041	1105.98	7049	13982	247990	5699	408	640.22	8000	15866	151807	1924	3316	38061	445.75	5000	9916	105951	676	4044	54612
13	10100	255074	1106.04	7326	14530	262520	5949	409	640.22	8000	15865	167672	1920	3407	41468	445.59	5800	11495	117446	792	3955	58567
14	9100	273124	1106.13	5717	11340	273860	4580	404	640.04	6810	13498	181170	1617	3356	44824	445.39	5990	11889	129335	819	4035	62602
15	8800	290578	1106.28	3738	7414	281274	2904	392	639.79	7790	15453	196623	1865	3438	48262	445.11	5800	11504	140839	772	4036	66638
16	10100	310612	1106.34	6949	13784	295058	5623	408	639.52	10390	20610	217233	2526	3319	51581	444.98	5800	11499	152338	783	4017	70655
17	10100	330645	1106.41	7203	14288	309345	5856	410	639.38	7500	14882	232115	1782	3373	54954	445.06	5410	10724	163062	718	4078	74733
18	10100	350678	1106.41	6823	13534	322879	5526	408	639.24	7930	15731	247846	1857	3327	58281	444.83	5280	10475	173537	699	4781	79514
19	10100	370711	1106.36	12728	25246	348125	10507	416	639.57	9000	17846	265692	2120	3352	61633	444.84	4000	7931	181468	493	4854	84368
20	10100	390744	1106.33	11637	23082	371207	9562	414	639.97	5400	10709	276401	1224	3312	64945	444.99	4290	8516	189984	548	4028	88396
21	9100	408793	1106.39	9272	18390	389597	7593	413	640.15	7000	13887	290288	1631	3328	68273	444.96	2900	5743	195727	342	4031	92427
22	8900	426446	1106.41	9583	19008	408605	7791	410	640.18	8610	17069	307357	2039	3305	71578	445.01	1990	3950	199677	193	4790	97217
23	10200	446678	1106.40	10178	20188	428793	8354	414	640.30	7990	15856	323213	1884	3445	75023	445.04	4390	8712	208389	541	4422	101639
24	10200	466909	1106.43	9629	19098	447891	7914	414	640.41	8600	17059	340272	2035	3253	78276	445.07	4200	8327	216716	497	4027	105666
25	8800	484364	1106.45	6696	13282	461174	5396	406	640.27	8200	16273	356545	1935	3338	81614	445.18	3200	6349	223065	363	4847	110513
26	10200	504595	1106.45	11210	22234	483408	9242	416	640.40	8490	16847	373392	2015	2865	84479	445.37	3300	6546	229611	408	4003	114516
27	10100	524628	1106.47	9250	18346	501754	7542	411	640.41	9300	18438	391830	2215	2913	87392	445.27	6000	11896	241507	770	4437	118953
28	9100	542678	1106.55	6376	12646	514400	5106	404	640.16	9800	19430	411260	2337	2926	90318	445.12	7190	14266	255773	948	4416	123369
29	8900	560331	1106.64	5648	11202	525602	4510	403	639.82	10000	19833	431093	2382	3441	93759	445.19	4600	9131	264904	601	4801	128170
30	10200	580562	1106.69	7978	15824	541426	6507	411	639.69	9600	19047	450140	2274	3385	97144	445.29	4900	9717	274621	628	4849	133019
31	10200	600793	1106.73	8341	16544	557970	6766	409	639.57	9790	19422	469562	2320	3381	100525	445.37	5000	9913	284534	657	4848	137867
TOTAL							230311						55822							18626		

RECLAMATION
Managing Water in the West

BUREAU OF RECLAMATION
LOWER COLORADO REGION
BOULDER CITY, NEVADA

AVAILABLE RESERVOIR ELEVATIONS AND CONTENTS FOR DECEMBER 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

	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	29562.1	31563.0	1106.40	12314	5900	636.87	1534.5	7590	448.31	586.1	4490	237.22	8120	517	0
2	29546.0	31579.0	1106.35	12309	8910	636.85	1534.0	7210	448.27	585.2	3810	239.89	9102	578	0
3	29545.6	31579.5	1106.29	12304	11400	637.37	1547.6	5410	448.34	586.6	2480	239.75	9050	76	0
4	29541.2	31583.8	1106.24	12299	10900	637.68	1555.8	6410	448.23	584.5	2990	239.01	8772	0	54
5	29537.3	31587.8	1106.18	12294	13300	638.09	1566.5	6980	448.11	582.0	3250	236.13	7737	0	481
6	29522.6	31602.5	1106.10	12287	12600	638.30	1572.3	8010	447.85	577.2	4800	232.12	6415	0	676
7	29519.2	31605.8	1106.03	12280	14900	638.93	1588.9	6410	447.72	574.7	5000	230.85	6028	0	176
8	29516.2	31608.9	1106.03	12280	8140	639.14	1594.5	6010	447.55	571.4	4990	231.04	6084	55	0
9	29506.8	31618.3	1106.03	12280	10300	639.61	1607.2	4600	447.17	564.4	5290	230.80	6013	0	0
10	29487.4	31637.7	1105.97	12275	10800	639.97	1616.6	4500	446.59	553.5	5500	231.23	6142	171	107
11	29467.2	31657.8	1105.94	12272	10800	640.32	1626.1	5400	446.14	545.2	5800	229.64	5671	103	323
12	29442.8	31682.3	1105.98	12276	7050	640.22	1623.4	8000	445.75	538.2	5000	229.43	5610	0	0
13	29427.3	31697.7	1106.04	12281	7330	640.22	1623.3	8000	445.59	535.4	5800	231.16	6121	273	0
14	29413.8	31711.2	1106.13	12289	5720	640.04	1618.6	6810	445.39	531.6	5990	233.97	7007	503	0
15	29403.9	31721.1	1106.28	12303	3740	639.79	1611.8	7790	445.11	526.7	5800	237.98	8393	777	0
16	29386.0	31739.1	1106.34	12309	6950	639.52	1604.8	10400	444.98	524.3	5800	237.43	8196	0	0
17	29377.8	31747.3	1106.41	12315	7200	639.38	1601.0	7500	445.06	525.9	5410	237.00	8041	0	0
18	29358.6	31766.4	1106.41	12315	6820	639.24	1597.2	7930	444.83	521.7	5280	236.61	7905	0	0
19	29353.6	31771.5	1106.36	12310	12700	639.57	1606.0	9000	444.84	521.9	4000	235.75	7606	0	98
20	29357.0	31768.1	1106.33	12308	11600	639.97	1616.8	5400	444.99	524.5	4290	236.52	7873	187	0
21	29360.3	31764.8	1106.39	12313	9270	640.15	1621.5	7000	444.96	524.0	2900	236.20	7761	9	0
22	29358.7	31766.4	1106.41	12315	9580	640.18	1622.4	8610	445.01	524.9	1990	235.89	7654	0	0
23	29353.3	31771.8	1106.40	12314	10200	640.30	1625.5	7990	445.04	525.4	4390	234.33	7127	0	220
24	29351.4	31773.7	1106.43	12317	9630	640.41	1628.4	8600	445.07	526.0	4200	233.97	7007	0	13
25	29344.3	31780.8	1106.45	12319	6700	640.27	1624.8	8200	445.18	528.0	3200	233.68	6913	0	0
26	29343.7	31781.3	1106.45	12319	11200	640.40	1628.3	8490	445.37	531.4	3300	233.38	6816	0	0
27	29333.3	31791.8	1106.47	12320	9250	640.41	1628.4	9300	445.27	529.5	6000	233.09	6722	0	0
28	29326.6	31798.5	1106.55	12328	6380	640.16	1621.7	9800	445.12	526.9	7190	228.91	5461	0	667
29	29317.1	31808.0	1106.64	12336	5650	639.82	1612.6	10000	445.19	528.0	4600	225.28	4487	0	516
30	29308.0	31817.1	1106.69	12341	7980	639.69	1609.3	9600	445.29	529.9	4900	227.58	5092	481	153
31	29303.2	31821.8	1106.73	12344	8340	639.57	1605.9	9790	445.37	531.3	5000	235.15	7401	1210	0
TOTAL					281240			236740			143440			4940	3484
AVE.					9070			7640			4630			159	112
AC FT					558000			470000			285000			9798	6910

* BOTTOM OF EXCLUSIVE FLOOD CONTROL SPACE

RECLAMATION
Managing Water in the West

** INCLUDES FONTENELLE AND CRYSTAL RESERVOIRS

BUREAU OF RECLAMATION
LOWER COLORADO REGION
BOULDER CITY, NEVADA

COLORADO RIVER STORAGE PROJECT DATA (operational) FOR DECEMBER 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		
	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	5300	3587.81	10623	9300	6015.48	2820	800	6025.13	960	250	7459.44	367.8	210	7152.69	111.2	200
2	4800	3587.69	10613	10300	6015.48	2820	800	6025.18	960	250	7459.51	368.2	240	7152.84	111.3	200
3	4700	3587.57	10602	10200	6015.49	2820	800	6025.22	960	250	7459.62	368.9	300	7153.12	111.5	200
4	7000	3587.50	10596	10100	6015.49	2820	800	6025.27	960	250	7459.72	369.5	350	7153.53	111.8	200
5	7300	3587.43	10589	10300	6015.50	2820	800	6025.30	960	250	7459.77	369.8	190	7153.50	111.8	220
6	6500	3587.35	10582	10000	6015.50	2820	800	6025.31	960	250	7459.78	369.9	250	7153.56	111.9	250
7	4100	3587.24	10573	9000	6015.50	2820	800	6025.31	960	250	7459.82	370.1	250	7153.58	111.9	250
8	6800	3587.19	10568	8800	6015.50	2820	800	6025.33	960	250	7459.87	370.4	230	7153.56	111.9	250
9	3100	3587.04	10555	10000	6015.49	2820	810	6025.31	960	250	7459.89	370.6	240	7153.60	111.9	250
10	4200	3586.91	10543	10200	6015.50	2820	800	6025.29	960	250	7459.95	370.9	160	7153.44	111.8	250
11	1400	3586.72	10526	10200	6015.49	2820	800	6025.27	960	250	7459.96	371.0	180	7153.34	111.7	250
12	1300	3586.53	10509	10100	6015.48	2820	800	6025.26	960	250	7460.03	371.4	140	7153.07	111.5	250
13	1300	3586.34	10492	10100	6015.47	2820	800	6025.27	960	250	7460.07	371.7	200	7152.96	111.4	250
14	2200	3586.19	10479	9100	6015.49	2820	800	6025.28	960	250	7460.14	372.1	160	7152.75	111.2	250
15	2900	3586.06	10468	8800	6015.49	2820	800	6025.30	960	240	7460.22	372.6	160	7152.54	111.1	250
16	2700	3585.90	10453	10100	6015.51	2820	800	6025.32	960	240	7460.32	373.2	90	7152.16	110.8	250
17	3700	3585.76	10441	10100	6015.53	2820	800	6025.33	960	240	7460.41	373.8	140	7151.88	110.5	250
18	4200	3585.63	10430	10100	6015.55	2830	800	6025.36	960	250	7460.50	374.3	160	7151.69	110.4	250
19	4300	3585.50	10418	10100	6015.61	2830	800	6025.39	960	250	7460.59	374.9	170	7151.52	110.3	270
20	6200	3585.41	10410	10100	6015.63	2830	800	6025.43	960	250	7460.69	375.5	160	7151.22	110.0	300
21	6100	3585.34	10404	9100	6015.63	2830	800	6025.46	960	250	7460.78	376.1	180	7150.99	109.8	300
22	6400	3585.28	10399	8900	6015.64	2830	800	6025.48	960	250	7460.87	376.6	160	7150.73	109.6	300
23	6200	3585.19	10391	10200	6015.65	2830	800	6025.50	960	250	7460.96	377.2	140	7150.36	109.4	300
24	6200	3585.10	10383	10200	6015.65	2830	800	6025.51	960	250	7461.05	377.7	160	7150.06	109.1	300
25	5300	3585.02	10376	8800	6015.66	2830	800	6025.52	960	250	7461.13	378.2	180	7149.79	108.9	300
26	6800	3584.94	10369	10200	6015.67	2830	800	6025.53	960	250	7461.19	378.6	160	7149.46	108.7	300
27	4700	3584.82	10358	10100	6015.69	2830	800	6025.54	960	250	7461.26	379.1	160	7149.13	108.4	300
28	7100	3584.77	10354	9100	6015.70	2830	800	6025.54	960	250	7461.33	379.5	170	7148.80	108.1	300
29	4000	3584.66	10344	8900	6015.71	2830	800	6025.56	960	250	7461.41	380.0	160	7148.45	107.9	300
30	3800	3584.52	10332	10200	6015.73	2830	800	6025.57	960	250	7461.49	380.5	110	7147.98	107.5	300
31	6200	3584.43	10324	10200	6015.79	2830	800	6025.59	960	250	7461.56	380.9	160	7147.65	107.3	300
TOT	146800			302900			24810			7720			5720			8140
AVE	4735			9770			800			250			180			260
A F	291200			601000			49000			15300			11300			16100

RECLAMATION
Managing Water in the West

BUREAU OF RECLAMATION
LOWER COLORADO REGION
BOULDER CITY, NEVADA

GLEN CANYON TO HOOVER DAM LOSSES

DECEMBER 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	9300	5900	12314	4	392	657	131	-1924	-3816	9100
2	10300	8910	12309	-5	400	657	-164	-70	-3955	7280
3	10200	11400	12304	-5	375	657	-164	-426	-4801	9750
4	10100	10900	12299	-5	359	657	-164	1036	-2746	9230
5	10300	13300	12294	-5	384	657	-164	-1444	-5610	11700
6	10000	12600	12287	-7	391	657	-229	184	-5244	9890
7	9000	14900	12280	-7	383	657	-229	-1900	-9013	12200
8	8800	8140	12280	0	362	657	0	831	-7365	9160
9	10000	10300	12280	0	350	657	0	-2262	-11852	11300
10	10200	10800	12275	-5	363	657	-164	-320	-12487	9140
11	10200	10800	12272	-3	425	657	-98	-240	-12964	10300
12	10100	7050	12276	4	429	657	131	-122	-13206	10300
13	10100	7330	12281	5	410	657	164	-897	-14984	11100
14	9100	5720	12289	8	368	657	262	-909	-16788	11000
15	8800	3740	12303	14	377	657	459	-2182	-21116	12300
16	10100	6950	12309	6	365	657	197	-2095	-25272	11200
17	10100	7200	12315	6	370	657	197	-2675	-30577	11400
18	10100	6820	12315	0	365	657	0	2215	-26183	7840
19	10100	12700	12310	-5	413	657	-164	-968	-28104	11100
20	10100	11600	12308	-2	385	657	-66	-1468	-31014	11600
21	9100	9270	12313	5	381	657	164	-2854	-36676	13000
22	8900	9580	12315	2	388	657	66	-1578	-39807	11700
23	10200	10200	12314	-1	394	657	-33	-1656	-43091	10700
24	10200	9630	12317	3	407	657	98	-3396	-49828	12300
25	8800	6700	12319	2	411	657	66	1334	-47182	8840
26	10200	11200	12319	0	380	657	0	-2068	-51284	12200
27	10100	9250	12320	1	380	657	33	-2037	-55324	10800
28	9100	6380	12328	8	376	657	262	-1487	-58273	11700
29	8900	5650	12336	8	383	657	262	-883	-60025	11000
30	10200	7980	12341	5	391	657	164	-2571	-65125	11700
31	10200	8340	12344	3	421	657	98	-2099	-69288	11000
TOTAL	302800	281310			11978	20367			-69288	331800