

BUREAU OF RECLAMATION
LOWER COLORADO REGION
BOULDER CITY, NEVADA

ACCUMULATIONS FOR NOVEMBER 2002

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	8300	16463	1154.83	9996	19828	19828	8520	430	635.10	9970	19766	19766	2314	3953	3953	448.41	6810	13501	13501	893	0	0	
2	7800	31934	1154.83	7328	14536	34363	6101	420	634.95	8980	17818	37584	2079	3923	7876	448.52	6770	13423	26924	904	0	0	
3	7000	45818	1154.79	9476	18796	53159	7974	424	634.93	9010	17874	55458	2087	3943	11820	448.55	6810	13505	40429	912	0	0	
4	8300	62281	1154.69	11731	23268	76427	10385	446	635.11	8520	16896	72354	1998	3808	15628	448.36	7480	14842	55271	999	1882	1882	
5	8300	78744	1154.66	9470	18784	95211	8187	436	635.20	8470	16794	89148	1978	3416	19043	448.05	7030	13950	69221	935	4735	6617	
6	8300	95207	1154.63	7804	15480	110690	6601	426	635.12	8400	16664	105812	1971	3439	22483	447.92	5980	11870	81091	794	3874	10491	
7	8200	111471	1154.62	6927	13740	124430	5743	418	635.01	8450	16766	122578	1965	3447	25930	447.98	4080	8101	89192	505	3788	14279	
8	8200	127736	1154.52	11380	22572	147002	9993	443	635.06	9470	18774	141352	2214	3471	29401	448.12	4000	7925	97117	505	3788	18067	
9	7900	143405	1154.58	7514	14904	161906	6435	432	635.08	9100	18058	159410	2127	3479	32880	448.06	6490	12866	109983	857	3713	21780	
10	7200	157686	1154.57	6998	13880	175785	5985	431	634.84	9100	18052	177462	2127	3475	36355	447.80	7810	15500	125483	1035	3554	25335	
11	8200	173950	1154.58	7837	15544	191329	6757	435	634.84	9110	18060	195522	2124	3953	40308	447.48	8920	17702	143185	1171	3558	28893	
12	8200	190215	1154.52	11081	21980	213309	9824	447	634.76	10610	21038	216560	2491	3886	44194	446.89	10360	20546	163731	1346	3552	32446	
13	8200	206479	1154.48	10378	20584	233893	9171	446	634.73	10840	21502	238062	2549	3921	48115	446.79	7000	13894	177625	915	3548	35994	
14	8200	222744	1154.42	10394	20616	254508	9095	441	634.66	10800	21426	259488	2552	3368	51483	446.87	6910	13704	191329	894	3552	39546	
15	8300	239207	1154.35	11822	23448	277956	10395	443	634.75	10860	21540	281028	2560	3437	54920	446.86	7200	14286	205615	950	3550	43097	
16	7900	254876	1154.36	7411	14700	292656	6257	426	634.50	10880	21584	302612	2563	3429	58350	446.82	7190	14261	219876	943	3527	46623	
17	7000	268760	1154.34	11346	22504	315159	10067	447	634.58	10280	20386	322998	2463	3463	61813	446.79	7470	14812	234688	984	4725	51348	
18	8300	285223	1154.29	7746	15364	330523	6574	428	634.25	10970	21760	344758	2580	3485	65298	446.70	7480	14835	249523	983	3963	55311	
19	8200	301488	1154.28	8994	17840	348363	7876	441	634.16	10900	21626	366384	2554	3441	68739	446.64	7520	14909	264432	979	3959	59270	
20	8200	317752	1154.18	12243	24284	372647	10807	445	634.23	10470	20758	387142	2453	3935	72674	446.61	7270	14427	278859	956	3959	63229	
21	8300	334215	1154.07	14399	28560	401206	12856	450	634.47	10480	20788	407930	2430	3929	76604	446.84	4740	9409	288268	618	3959	67188	
22	8200	350479	1153.95	14655	29068	430274	13089	450	634.78	10450	20724	428654	2419	3404	80007	446.79	6700	13295	301563	882	3957	71145	
23	7900	366149	1153.91	10823	21468	451741	9436	440	634.86	9440	18720	447374	2182	3878	83885	446.58	7940	15751	317314	1038	3957	75102	
24	7200	380430	1153.83	13923	27616	479357	12540	454	635.16	9430	18702	466076	2180	3856	87741	446.31	7730	15328	332642	1011	4719	79821	
25	8200	396694	1153.66	15076	29904	509261	13512	452	635.67	10430	20678	486754	2446	3451	91192	446.34	5440	10798	343440	712	4221	84042	
26	8200	412959	1153.50	14824	29404	538664	13258	451	635.83	10470	20758	507512	2455	3435	94627	446.54	4330	8586	352026	538	4719	88760	
27	8200	429223	1153.37	14748	29252	567916	13250	453	636.13	8900	17660	525172	2075	3463	98091	446.83	3780	7490	359516	459	4754	93515	
28	7100	443306	1153.32	11047	21912	589827	9748	445	636.17	9460	18772	543944	2224	3485	101576	446.89	3970	7881	367397	493	4721	98235	
29	8300	459769	1153.35	8542	16944	606771	7435	439	636.09	9990	19818	563762	2350	3529	105104	446.83	6320	12528	379925	829	4752	102988	
30	7900	475438	1153.30	9277	18400	625171	7937	431	636.18	9990	19810	583572	2351	3925	109029	446.88	5850	11602	391527	762	4719	107706	
TOTAL							275808						68861							25802			

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AVAILABLE RESERVOIR ELEVATIONS AND CONTENTS FOR NOVEMBER 2002

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.	PUMPED ft3/s	RELEASE ft3/s
1	37499.4	23382.7	1154.83	17025	10000	635.10	1488.4	9970	448.41	588.0	6810	239.47	8945	42	0
2	37498.5	23383.5	1154.83	17025	7330	634.95	1484.5	8980	448.52	590.2	6770	238.95	8750	0	0
3	37479.9	23402.2	1154.79	17021	9480	634.93	1483.8	9010	448.55	590.7	6810	238.44	8562	0	0
4	37459.2	23422.9	1154.69	17009	11700	635.11	1488.5	8520	448.36	587.0	7480	236.92	8013	0	211
5	37442.4	23439.7	1154.66	17006	9470	635.20	1490.9	8470	448.05	581.0	7030	236.49	7863	0	0
6	37429.2	23452.8	1154.63	17002	7800	635.12	1488.9	8400	447.92	578.6	5980	236.32	7803	53	0
7	37415.5	23466.5	1154.62	17001	6930	635.01	1485.9	8450	447.98	579.6	4080	236.06	7712	18	0
8	37400.7	23481.3	1154.52	16990	11400	635.06	1487.2	9470	448.12	582.2	4000	234.97	7340	0	128
9	37403.6	23478.4	1154.58	16997	7510	635.08	1487.7	9100	448.06	581.2	6490	232.55	6551	0	349
10	37391.1	23491.0	1154.57	16996	7000	634.84	1481.6	9100	447.80	576.2	7810	226.85	4895	0	845
11	37388.5	23493.6	1154.58	16997	7840	634.84	1481.5	9110	447.48	570.1	8920	230.38	3347	0	774
12	37368.1	23514.0	1154.52	16990	11100	634.76	1479.6	10600	446.89	559.0	10400	212.80	1971	0	708
13	37355.9	23526.1	1154.48	16985	10400	634.73	1478.9	10800	446.79	557.3	7000	210.36	1625	0	198
14	37341.0	23541.1	1154.42	16978	10400	634.66	1476.9	10800	446.87	558.8	6910	214.00	2157	292	0
15	37334.6	23547.5	1154.35	16970	11800	634.75	1479.2	10900	446.86	558.6	7200	219.85	3234	564	0
16	37321.6	23560.5	1154.36	16971	7410	634.50	1472.9	10900	446.82	557.8	7190	221.70	3634	228	0
17	37312.9	23569.1	1154.34	16969	11300	634.58	1474.9	10300	446.79	557.2	7470	227.07	4953	705	0
18	37292.1	23590.0	1154.29	16963	7750	634.25	1466.5	11000	446.70	555.6	7480	229.28	5567	370	0
19	37280.2	23601.9	1154.28	16962	8990	634.16	1464.2	10900	446.64	554.5	7520	231.20	6133	356	0
20	37263.8	23618.3	1154.18	16951	12200	634.23	1465.8	10500	446.61	554.0	7270	232.81	6633	339	0
21	37253.1	23629.0	1154.07	16938	14400	634.47	1472.2	10500	446.84	558.1	4740	233.72	6926	232	0
22	37241.9	23640.2	1153.95	16924	14700	634.78	1480.0	10400	446.79	557.2	6700	237.05	8059	682	0
23	37225.9	23656.2	1153.91	16920	10800	634.86	1482.2	9440	446.58	553.4	7940	236.45	7849	221	214
24	37212.8	23669.2	1153.83	16911	13900	635.16	1489.9	9430	446.31	548.4	7730	234.22	7091	0	328
25	37207.7	23674.3	1153.66	16891	15100	635.67	1503.2	10400	446.34	548.9	5440	232.24	6453	0	266
26	37182.9	23699.1	1153.50	16873	14800	635.83	1507.2	10500	446.54	552.6	4330	234.13	7060	368	0
27	37173.5	23708.6	1153.37	16858	14700	636.13	1515.1	8900	446.83	558.0	3780	235.32	7459	276	0
28	37164.2	23717.9	1153.32	16853	11000	636.17	1516.1	9460	446.89	559.2	3970	237.37	8174	449	0
29	37159.1	23722.9	1153.35	16856	8540	636.09	1514.1	9990	446.83	557.9	6320	235.23	7428	0	298
30	37151.5	23730.5	1153.30	16850	9280	636.18	1516.4	9990	446.88	558.9	5850	229.14	5527	0	985
TOTAL					315030			294290			197420			5195	5304
AVE.					10500			9810			6580			173	177
AC FT					625000			584000			392000			10304	10520

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

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COLORADO RIVER STORAGE PROJECT DATA (operational) FOR NOVEMBER 2002

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	6400	3624.69	14267	8300	6010.48	2660	810	6012.86	850	350	7441.48	267.1	180	7150.56	109.5	200
2	6000	3624.71	14269	7800	6010.46	2660	810	6012.80	850	350	7441.56	267.5	200	7150.56	109.5	210
3	6400	3624.59	14256	7000	6010.44	2660	810	6012.78	850	350	7441.61	267.7	280	7150.85	109.7	180
4	6200	3624.51	14247	8300	6010.42	2650	810	6012.73	850	350	7441.65	267.9	180	7150.82	109.7	200
5	5700	3624.43	14238	8300	6010.41	2650	820	6012.68	850	350	7441.69	268.1	260	7150.92	109.8	240
6	5600	3624.39	14234	8300	6010.40	2650	820	6012.62	840	350	7441.71	268.2	300	7150.94	109.8	310
7	5600	3624.30	14224	8200	6010.38	2650	820	6012.58	840	350	7441.75	268.5	230	7150.92	109.8	250
8	5600	3624.23	14217	8200	6010.38	2650	810	6012.57	840	350	7441.86	269.0	210	7150.93	109.8	230
9	5700	3624.19	14212	7900	6010.37	2650	810	6012.66	850	350	7442.02	269.8	230	7150.99	109.8	250
10	5600	3624.18	14211	7200	6010.36	2650	810	6012.72	850	350	7442.14	270.4	210	7151.03	109.9	210
11	8100	3624.20	14213	8200	6010.35	2650	810	6012.72	850	350	7442.25	271.0	200	7151.08	109.9	200
12	8600	3624.20	14213	8200	6010.34	2650	810	6012.69	850	350	7442.33	271.4	140	7151.04	109.9	170
13	7300	3624.16	14209	8200	6010.33	2650	810	6012.66	850	350	7442.39	271.7	180	7150.96	109.8	220
14	6700	3624.09	14202	8200	6010.32	2650	810	6012.63	850	350	7442.49	272.2	190	7151.07	109.9	170
15	6300	3624.09	14202	8300	6010.31	2650	810	6012.60	840	350	7442.49	272.2	410	7151.15	110.0	400
16	6000	3624.03	14195	7900	6010.30	2650	820	6012.57	840	350	7442.54	272.5	200	7151.16	110.0	210
17	5800	3623.97	14189	7000	6010.29	2650	820	6012.51	840	350	7442.58	272.7	170	7151.12	109.9	200
18	5800	3623.93	14184	8300	6010.27	2650	820	6012.48	840	350	7442.66	273.1	230	7151.30	110.1	180
19	5700	3623.87	14178	8200	6010.26	2650	810	6012.44	840	350	7442.69	273.3	210	7151.34	110.1	210
20	5500	3623.82	14172	8200	6010.25	2650	810	6012.39	840	350	7442.77	273.7	180	7151.33	110.1	200
21	5500	3623.74	14164	8300	6010.25	2650	810	6012.36	840	350	7442.75	273.6	450	7151.99	110.6	210
22	5500	3623.70	14159	8200	6010.24	2650	810	6012.34	840	350	7442.71	273.4	490	7152.69	111.2	230
23	5300	3623.61	14150	7900	6010.23	2650	810	6012.32	840	350	7442.87	274.2	0	7152.13	110.7	240
24	5200	3623.55	14143	7200	6010.22	2650	810	6012.30	840	350	7443.01	274.9	0	7151.64	110.4	220
25	5300	3623.56	14144	8200	6010.21	2650	800	6012.27	840	350	7443.19	275.9	0	7151.26	110.1	170
26	5300	3623.44	14131	8200	6010.20	2650	810	6012.23	840	350	7443.31	276.5	0	7150.64	109.6	260
27	5300	3623.38	14125	8200	6010.19	2650	810	6012.19	840	350	7443.36	276.8	150	7150.45	109.4	240
28	5300	3623.33	14119	7100	6010.18	2650	810	6012.15	840	350	7443.40	277.0	130	7150.36	109.4	190
29	5300	3623.29	14115	8300	6010.18	2650	810	6012.11	840	350	7443.46	277.3	140	7150.31	109.3	180
30	5300	3623.25	14111	7900	6010.17	2650	810	6012.07	840	350	7443.54	277.7	140	7150.23	109.3	190
TOT	177900			239700			24350			10500			5890			6570
AVE	5930			7990			810			350			200			220
A F	352900			475000			48000			20800			11700			13000

BUREAU OF RECLAMATION
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GLEN CANYON TO HOOVER DAM LOSSES

NOVEMBER 2002

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	8300	10000	17025	-7		-96759	-229			
2	7800	7330	17025	0		-96759	0			
3	7000	9480	17021	-4		-96759	-131			
4	8300	11700	17009	-12		-96759	-393			
5	8300	9470	17006	-3		-96759	-98			
6	8300	7800	17002	-4		-96759	-131			
7	8200	6930	17001	-1		-96759	-33			
8	8200	11400	16990	-11		-96759	-360			
9	7900	7510	16997	7		-96759	229			
10	7200	7000	16996	-1		-96759	-33			
11	8200	7840	16997	1		-96759	33			
12	8200	11100	16990	-7		-96759	-229			
13	8200	10400	16985	-5		-96759	-164			
14	8200	10400	16978	-7		-96759	-229			
15	8300	11800	16970	-8		-96759	-262			
16	7900	7410	16971	1		-96759	33			
17	7000	11300	16969	-2		-96759	-66			
18	8300	7750	16963	-6		-96759	-197			
19	8200	8990	16962	-1		-96759	-33			
20	8200	12200	16951	-11		-96759	-360			
21	8300	14400	16938	-13		-96759	-426			
22	8200	14700	16924	-14		-96759	-459			
23	7900	10800	16920	-4		-96759	-131			
24	7200	13900	16911	-9		-96759	-295			
25	8200	15100	16891	-20		-96759	-655			
26	8200	14800	16873	-18		-96759	-590			
27	8200	14700	16858	-15		-96759	-492			
28	7100	11000	16853	-5		-96759	-164			
29	8300	8540	16856	3		-96759	98			
30	7900	9280	16850	-6		-96759	-197			
TOTAL	240000	315190			0	-2902770			-191919	0

