

AZ	RETURNS														
AZ	CONSUMPTIVE USE														
AZ CENTRAL ARIZONA PROJECT															
AZ PUMPED FROM LAKE HAVASU	DIVERSION	191422	171288	176841	166901	163576	132425	84689	59535	55268	42012	108176	170959	1523092	
AZ	RETURNS														
AZ	CONSUMPTIVE USE														
AZ TOWN OF PARKER															
AZ 1 WELL-NW NW NW SEC 7 T9N R19W G&SRM	DIVERSION 10/	44	44	57	70	95	101	97	100	95	74	65	57	900	
AZ	RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0	
AZ	CONSUMPTIVE USE	44	44	57	70	95	101	97	100	95	74	65	57	900	
AZ COLORADO RIVER INDIAN RESERVATION															
AZ DIVERSION AT HEADGATE ROCK DAM	DIVERSION	10470	34920	31010	59250	72800	74860	72580	71880	52890	38820	30710	28020	578210	
AZ 1 PUMP (B-04-22,S14 bbd) & TOWN OF PARK	DIVERSION 4/10/	565	391	215	265	684	1151	1138	1235	828	514	384	340	7710	
AZ	RETURNS	11843	15402	15037	18315	22635	25970	27014	26462	24526	21189	18155	17024	243572	
AZ	CONSUMPTIVE USE	-808	19909	16188	41200	50849	50041	46704	46653	29192	18145	12939	11336	342348	
AZ EHRENBURG IMPROVEMENT ASSN.															
AZ 1 PUMP SW SEC 3 T3N R22W G&SRM	DIVERSION	23	25	20	27	31	44	45	42	49	39	39	28	411	
AZ	RETURNS														
AZ	CONSUMPTIVE USE														
AZ CIBOLA VALLEY IRRIGATION DISTRICT															
AZ 3 PUMPS SEC'S 20, 21 & 26T1N R23W	DIVERSION	77	2098	1122	1196	2720	3512	5037	3352	2900	1851	1435	1003	26302	
AZ	RETURNS														
AZ	CONSUMPTIVE USE														
AZ CIBOLA NATIONAL WILDLIFE REFUGE															
AZ 4 PUMPS IN SEC. 2 & 31 T1S, R23W	DIVERSION	908	596	155	650	1021	646	520	1131	1441	1472	1449	1034	11025	
AZ	RETURNS														
AZ	CONSUMPTIVE USE														
AZ IMPERIAL NATIONAL WILDLIFE REFUGE															
AZ 2 WELLS SEC 13 T5S R22W G&SRM	DIVERSION 2/	426	342	582	629	769	933	1018	979	770	645	458	450	8000	
AZ	RETURNS														
AZ	CONSUMPTIVE USE														
AZ YUMA PROVING GROUND															
AZ DIVERSION AT IMPERIAL DAM	DIVERSION	0	0	0	0	2	0	0	3	0	0	0	0	5	
AZ WELLS W, X, Y, Z	DIVERSION 2/	27	25	28	79	128	124	129	124	98	51	32	25	870	
AZ	RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0	
AZ	CONSUMPTIVE USE	27	25	28	79	130	124	129	127	98	51	32	25	875	
AZ GILA MONSTER RANCH															
AZ DIVERSION AT IMPERIAL DAM	DIVERSION	278	419	545	976	2134	1732	1829	952	934	917	1181	1056	12953	
AZ (WARREN ACT)	RETURNS	33	9	13	23	51	51	82	9	-1	21	73	115	479	
AZ	CONSUMPTIVE USE	245	410	532	953	2083	1681	1747	943	935	896	1108	941	12474	
AZ WELLTON MOHAWK I. & D. D.															
AZ DIVERSION AT IMPERIAL DAM	DIVERSION	16097	20606	27358	39539	52167	50142	48187	33262	38577	33045	27030	20715	406725	
AZ	GGMC RETURN	2119	487	719	1058	1407	1654	2410	358	-23	845	1866	2508	15408	
AZ	DOMES RETURN	1105	1087	988	549	117	38	139	301	87	628	654	1033	6726	
AZ	MOD RETURN 9/	10350	8770	9200	8980	8840	8700	3850	6990	10150	10460	11160	10460	107910	
AZ	RETURNS, TOTAL	13574	10344	10907	10587	10364	10392	6399	7649	10214	11933	13680	14001	130043	
AZ	CONSUMPTIVE USE	2523	10262	16451	28952	41803	39750	41788	25613	28363	21111	13350	6714	276681	
AZ CITY OF YUMA															
AZ DIVERSION AT IMPERIAL DAM (AAC)	DIVERSION	1725	1653	1792	1981	2473	2674	2744	2787	2639	2413	2102	2036	27019	
AZ DIVERSION AT IMPERIAL DAM (GGMC)	DIVERSION	32	17	48	50	50	52	62	49	49	50	41	39	539	
AZ	RETURNS	801	812	826	733	769	756	810	860	751	979	862	867	9826	
AZ	CONSUMPTIVE USE	956	858	1014	1298	1754	1970	1996	1976	1937	1484	1281	1208	17732	

AZ MARINE CORPS AIR STATION (YUMA)															
AZ DIVERSION AT IMPERIAL DAM	DIVERSION	68	73	117	155	227	304	334	327	251	261	131	59	2307	
AZ	RETURNS														
AZ	CONSUMPTIVE USE														
AZ SOUTHERN PACIFIC COMPANY															
AZ DIVERSION AT IMPERIAL DAM	DIVERSION	4	4	4	4	4	4	4	4	4	4	4	4	48	
AZ	RETURNS														
AZ	CONSUMPTIVE USE														
AZ YUMA MESA FRUIT GROWERS ASSN.															
AZ DIVERSION AT IMPERIAL DAM	DIVERSION	1	1	1	1	1	1	1	1	1	1	1	1	12	
AZ	RETURNS														
AZ	CONSUMPTIVE USE														
AZ UNIVERSITY OF ARIZONA															
AZ DIVERSION AT IMPERIAL DAM	DIVERSION	61	74	42	71	123	85	99	92	118	161	74	38	1038	
AZ (WARREN ACT)	RETURNS														
AZ	CONSUMPTIVE USE														
AZ YUMA UNION HIGH SCHOOL															
AZ DIVERSION AT IMPERIAL DAM	DIVERSION	9	11	7	9	34	23	27	25	15	15	13	12	200	
AZ	RETURNS														
AZ	CONSUMPTIVE USE														
AZ CAMILLE, ALEC JR.															
AZ DIVERSION AT IMPERIAL DAM	DIVERSION	0	0	8	8	0	0	0	0	0	0	0	0	16	
AZ (WARREN ACT)	RETURNS														
AZ	CONSUMPTIVE USE														
AZ DESERT LAWN MEMORIAL															
AZ DIVERSION AT IMPERIAL DAM	DIVERSION	18	16	24	29	62	65	65	20	15	9	12	1	336	
AZ	RETURNS														
AZ	CONSUMPTIVE USE														
AZ NORTH GILA VALLEY IRRIGATION DISTRICT															
AZ DIVERSION AT IMPERIAL DAM	DIVERSION	2401	2201	2732	4685	6720	5521	4164	2058	4239	5085	3814	2530	46150	
AZ	RETURNS	1589	1285	1541	2460	3435	3016	2457	1343	2330	2878	2593	1948	26874	
AZ	CONSUMPTIVE USE	812	916	1191	2225	3285	2505	1707	715	1909	2207	1221	582	19275	
AZ YUMA IRRIGATION DISTRICT															
AZ DIVERSION AT IMPERIAL DAM	DIVERSION	2939	3096	3702	6869	8856	4509	4713	3970	6251	7078	5445	4626	62054	
AZ PUMPED FROM PRIVATE WELLS	DIVERSION	47	64	54	179	115	170	50	88	191	112	116	58	1244	
AZ	RETURNS	1047	636	769	1347	1760	995	1217	701	1063	1444	1521	1627	14127	
AZ	CONSUMPTIVE USE	1939	2524	2987	5701	7211	3684	3546	3357	5379	5746	4040	3057	49171	
AZ YUMA MESA I. D. D.															
AZ DIVERSION AT IMPERIAL DAM	DIVERSION	10103	8139	10018	16937	25798	26142	26775	24766	20489	20030	15428	8344	212968	
AZ	RETURNS	4710	2727	2730	5590	7201	6135	6414	3994	4352	5606	6316	6557	62332	
AZ	CONSUMPTIVE USE	5393	5412	7288	11347	18597	20007	20361	20771	16137	14424	9112	1787	150636	
AZ UNIT "B" I. D. D.															
AZ DIVERSION AT IMPERIAL DAM	DIVERSION	1377	894	1306	2121	3361	3183	3249	3146	2418	2503	1968	896	26422	
AZ	RETURNS	761	464	465	955	1227	1019	1032	687	769	953	1045	1065	10442	
AZ	CONSUMPTIVE USE	616	430	841	1166	2134	2164	2217	2459	1649	1549	923	-169	15980	
AZ YUMA COUNTY WATER USERS ASSOCIATION															
AZ DIVERSION AT IMPERIAL DAM	DIVERSION	18500	22316	23825	40698	42245	27965	29295	23242	32023	50310	35258	24052	369729	
AZ PUMPED FROM WELLS	DIVERSION	163	114	168	166	151	117	116	44	118	117	172	134	1580	
AZ	RETURNS	11034	10261	10120	10740	11804	10177	10720	9235	11249	15776	15876	13642	140634	
AZ	CONSUMPTIVE USE	7629	12169	13873	30124	30592	17905	18691	14051	20892	34651	19554	10544	230675	
AZ COCOPAH INDIAN RESERVATION															
AZ DIVERSION AT IMPERIAL DAM	DIVERSION	312	521	69	612	1561	644	856	669	664	215	64	86	6273	
AZ PUMPED FROM WELLS	DIVERSION	3	3	0	2	6	3	3	1	2	1	0	0	24	

AZ PUMPED FROM WELLS, WEST COCOAPAH	DIVERSION	184	185	187	421	479	424	451	361	197	383	359	164	3794
AZ	RETURNS	4	8	1	9	29	10	20	18	22	7	2	3	133
AZ	CONSUMPTIVE USE	495	701	255	1026	2017	1061	1289	1013	840	592	421	248	9957
AZ YUMA AREA OFFICE, USBR														
AZ DIVERSION FROM MODE	DIVERSION	96	81	114	119	137	42	44	44	42	44	42	44	850
AZ	RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ	CONSUMPTIVE USE	96	81	114	119	137	42	44	44	42	44	42	44	850
AZ														
AZ PUMPED FROM SOUTH GILA WELLS (DPOC'S)	RETURNS 5/	5077	4634	4875	5180	5326	5093	2814	4965	5355	5946	5649	5900	60814
AZ														
AZ OTHER USERS PUMPING FROM COLORADO														
AZ RIVER AND WELLS IN FLOOD PLAIN DAVIS	DIVERSION 6/	3043	2872	3776	4004	5710	6757	5572	5463	5043	4425	3679	3313	53658
AZ DAM TO INTERNATIONAL BOUNDARY	RETURNS													
AZ	CONSUMPTIVE USE													
AZ ARIZONA TOTALS														
AZ														
AZ	DIVERSION	266916	282539	302126	365479	415082	368916	312660	257389	242176	221255	247729	274637	3556904
AZ	RETURNS	50477	46584	47767	60071	69283	66356	61773	57676	60631	66734	65774	62750	715876
AZ	CONSUMPTIVE USE	216439	235955	254359	305408	345799	302559	250887	199713	181545	154521	181955	211887	2841028
AZ														

AZ NOTE: The term 'CONSUMPTIVE USE' in this tabulation means diversions including underground pumping, less measured return flow and less current estimated unmeasured return flow to the river.

AZ

AZ 1/ No surface returns unless shown.

AZ 2/ Reported annual total only, distributed monthly according to nearby users.

AZ 3/ Calculated by assuming an annual diversion of 6 af per irrigated acre.

AZ 4/ Calculated using monthly power records.

AZ 5/ Pumped from wells and credited as return flow to Yuma Mesa Division but unassigned to districts as returns.

AZ Includes quantities of drainage from Yuma Mesa, Unit B, as well as from South Gila Valley.

AZ 6/ Details on Arizona Supplemental Sheets.

AZ 7/ Summation for the Yuma Mesa Division, consisting of the North Gila Valley Irrigation District, the Yuma Irrigation District, and the Yuma Mesa

Irrigation & Drainage District is as follows:

AZ Item

Annual Totals (Acre-Feet)

AZ

AZ Diversion at Imperial Dam A/

321172

AZ Pumped from wells

1244

AZ Surface returns from South Gila Valley (S.Gila Canal Wasteway)

2195 *

AZ Return flow North Gila Valley (6 drains & wasteways)

8265 *

AZ Return flow South Gila Valley wells (Drainage Pumping Outlet Canals)

60814

AZ Return flow Yuma Mesa Outlet Drain B/

49700 *

AZ Return flow protective and regulatory pumping unit C/

1922 *

AZ Estimated unmeasured groundwater return flow D/

26224

AZ Return flow share of Gila Main Canal loss E/

15028 *

AZ Subtotal return flow F/

164148 164147 check from above

AZ Consumptive Use (see note above)

158268 158268 check from above

AZ (A) Total for the North Gila Valley, the Yuma Irrigation District, the Yuma Mesa Irrigation and Drainage District, and Unit "B".

AZ (B) Estimated at 85 percent of the Yuma Mesa Outlet Drain with balance credited to Unit "B".

AZ (C) Estimated at 85 percent of Protective and Regulatory Pumping Unit with balance credited to Unit "B".

AZ (D) Estimated at 38 percent of the North Gila Valley Diversion at Imperial Dam plus 14 percent of Yuma Irrigation District diversion at

AZ Imperial Dam. (Based on analysis of the USGS Report 83-4220 entitled "A Method for Estimating Ground-Water Return Flow to the

AZ Lower Colorado River in the Yuma Area").

AZ (E) Diversion*milage weighted share of Gila Main Canal loss less canal surface evaporation (1397 af/yr) and phreatophytes (2154 af/yr).

AZ (F) Additional unmeasured amounts of return flows from the Yuma Mesa Irrigation and Drainage District, Unit "B", the Cocopah Indian Reservation, and the Yuma County Water Users' Association (YCWUA) are utilized to meet consumptive uses in the United States and in partial satisfaction of the Mexican Treaty obligation. Some of these ground water flows are recovered by pumping from wells on the Cocopah Indian Reservation and in the YCWUA area, and by some of the surface drains in the YCWUA area. Efforts will be made to at least quantify these return flows within broad limits by respective water user entities in future years.

AZ 8/ Diversion adjusted for delivery to Mohave Valley Irrigation and Drainage District (Chesney).

AZ 9/ Main Outlet Drain return flow credit is measured flow at Station 0+00 and includes both Colorado River and Gila River water. Reclamation is developing a method to separate the different sources of return flow and will apply that methodology when available.

AZ 10/ Includes 1 river pump, CRIT tribal usage delivered by the Town of Parker has been deducted.

AZ 11/ Annual Totals are rounded to the nearest 10 AF.

		DIVERSIONS FROM MAINSTREAM, RETURN FLOW AND CONSUMPTIVE USE OF SUCH WATER CALENDAR YEAR 2001 STATE OF CALIFORNIA												
		11/12/2002												(ACRE-FEET)
CA WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
CA FORT MOJAVE INDIAN RESERVATION														
CA DELIVERED BY CITY OF NEEDLES	DIVERSION	3	3	3	4	5	7	7	6	5	5	4	4	55
CA PUMPED FROM RIVER AND WELLS	DIVERSION 4/	386	637	3369	1337	2479	2583	2572	2700	933	479	619	363	18457
CA	RETURNS													0
CA	CONSUMPTIVE USE	389	640	3372	1341	2484	2590	2579	2706	938	484	623	367	18512
CA CITY OF NEEDLES														
CA 4 WELLS NW SW SEC 29 T9N R23E SBM	DIVERSION	106	120	135	211	287	354	352	264	269	251	189	178	2717
CA	RETURNS 9/	61	39	45	42	43	46	51	54	49	78	49	28	585
CA	CONSUMPTIVE USE	45	81	90	170	244	308	301	210	220	174	140	150	2132
CA CHEMEHUEVI INDIAN RESERVATION														
CA PUMPED FROM RIVER AND WELLS	DIVERSION 7/	13	18	19	12	17	13	36	34	20	22	7	5	216
CA	RETURNS													
CA	CONSUMPTIVE USE													
CA METROPOLITAN WATER DISTRICT														
CA DIVERSION FROM LAKE HAVASU	DIVERSION	98605	97880	106470	105630	109377	105988	108907	109979	96830	106189	105182	102542	1253579
CA	RETURNS 2/	277	252	255	245	271	248	262	247	240	250	261	269	3077
CA	CONSUMPTIVE USE	98328	97628	106215	105385	109106	105740	108645	109732	96590	105939	104921	102273	1250502
CA PARKER DAM AND GOVERNMENT CAMP														
CA DIVERSION AT PARKER DAM	DIVERSION	6	5	7	7	19	27	19	28	22	14	7	5	167
CA	RETURNS	1	0	1	0	0	1	1	1	1	1	1	0	7
CA	CONSUMPTIVE USE	5	5	7	7	19	26	19	27	21	13	6	5	160
CA COLORADO RIVER INDIAN RESERVATION														
CA PUMPED FROM 4 PUMPS AND WELLS	DIVERSION 4/	31	123	37	287	286	350	293	358	302	284	101	190	2643
CA 4 PUMPS BIG RIVER	DIVERSION 4/6/	89	113	138	180	206	206	192	178	117	86	71	77	1653
CA	RETURNS													
CA	CONSUMPTIVE USE	120	236	175	468	492	556	485	536	419	371	172	267	4296
CA CITY OF WINTERHAVEN														
CA 1 WELL SE NE NE SEC 27 T16S R22E SBM	DIVERSION 6/	7	6	10	10	13	15	17	16	13	11	8	7	132
CA	RETURNS													
CA	CONSUMPTIVE USE													
CA PALO VERDE IRRIGATION DISTRICT														
CA DIVERSION FROM PALO VERDE DAM	DIVERSION	20180	57230	46160	89440	107000	123800	119200	114200	89810	68870	53800	55050	944740
CA	RETURNS	25027	28535	29636	34966	39815	39956	41066	47052	47050	44107	36643	38253	452106
CA	CONSUMPTIVE USE	-4847	28695	16524	54474	67185	83844	78134	67148	42760	24763	17157	16797	492634
CA YUMA PROJECT, RES. DIV. INDIAN UNIT														
CA DIVERSION AT IMPERIAL DAM	DIVERSION	1985	2308	2744	5216	5561	2016	2402	2321	3328	6154	4215	2742	40992
CA	RETURNS	23	28	34	61	75	21	46	49	80	153	117	66	753
CA	CONSUMPTIVE USE	1962	2280	2710	5155	5486	1995	2356	2272	3248	6001	4098	2676	40239
CA YUMA PROJECT, RES. DIV. BARD UNIT														
CA DIVERSION AT IMPERIAL DAM	DIVERSION	2424	2573	2420	4952	6531	4966	4485	3280	3622	4957	3745	2225	46180
CA	RETURNS	16	17	17	35	56	37	51	43	57	76	66	31	502
CA	CONSUMPTIVE USE	2408	2556	2403	4917	6475	4929	4434	3237	3565	4881	3679	2194	45678
CA RETURNS FROM YUMA PROJECT														
CA RESERVATION DIVISION RETURNS	RETURNS 3/	2546	2118	2868	3125	2474	2687	2469	2821	2149	2502	3858	3023	32640
CA TOTAL USE: YUMA PROJECTS, RES. DIV.	CONSUMPTIVE USE	1824	2718	2245.4	6947	9487	4237	4321	2688	4664	8380	3919	1846.9	53277

CA																			
CA IMPERIAL IRRIGATION DISTRICT																			
CA DIVERSION AT IMPERIAL DAM	DIVERSION	125554	167696	221303	342040	370969	338597	370277	339562	292771	265231	198567	153833	3186400					
CA	RETURNS	2490	3476	4588	7044	9385	7560	11975	12680	13286	11721	10047	6617	100869					
CA	CONSUMPTIVE USE	123064	164220	216715	334996	361584	331037	358302	326882	279485	253510	188520	147216	3085531					
CA COACHELLA VALLEY WATER DISTRICT																			
CA DIVERSION AT IMPERIAL DAM	DIVERSION	15872	15959	20287	31055	41465	37399	35755	37993	32017	27164	27255	18239	340460					
CA	RETURNS	315	331	421	640	1049	835	1156	1419	1453	1200	1379	784	10982					
CA	CONSUMPTIVE USE	15557	15628	19866	30415	40416	36564	34599	36574	30564	25964	25876	17455	329478					
CA OTHER USERS PUMPING FROM COLORADO																			
CA RIVER AND WELLS IN FLOOD PLAIN	DIVERSION 5/	862	802	1169	1492	2118	1733	1857	1943	1952	1625	1220	1077	17850					
CA DAVIS DAM TO INTERNATIONAL BOUNDARY	RETURNS																		
CA	CONSUMPTIVE USE																		
CA CALIFORNIA TOTALS	10/																		
CA	DIVERSION	266123	345473	404272	581875	646332	618054	646370	612862	522011	481342	394989	336538	5856240					
CA	RETURNS	30756	34796	37864	46158	53169	51391	57077	64366	64365	60087	52421	49072	601520					
CA	CONSUMPTIVE USE	235367	310677	366408	535717	593163	566663	589293	548496	457646	421254	342568	287466	5254720					
CA	WATER MANAGEMENT																		
CA	ACCT. CREDITS	0	0	0	0	0	0	0	0	0	0	0	0	0					
CA	TOTAL USE	235367	310677	366408	535717	593163	566663	589293	548496	457646	421254	342568	287466	5254720					
CA																			
CA																			
CA WATER CONSERVATION PROGRAM																			
CA IMPERIAL I. D./METROPOLITAN W. D. CONSERVED WATER	8/	8906	8906	8906	8906	8906	8906	8906	8906	8906	8906	8906	8914	106880					
CA																			
CA																			

CA NOTE: The term 'CONSUMPTIVE USE' in this tabulation means diversions including underground pumping, less measured return flow and less current estimated unmeasured return flow to the river.

CA 1/ No surface returns unless shown.

CA 2/ Estimate based on measured seepage returning from regulatory reservoirs less an estimated amount of phreatophyte use.

CA 3/ Returns unassigned include drainage from the Indian Unit and the Bard Unit in the Reservation Division but excludes seepage from the All-American Canal.

CA 4/ Calculated using monthly power records.

CA 5/ Details on California Supplemental Sheets.

CA 6/ Reported annual total only, distributed monthly according to nearby users.

CA 7/ Calculated by assuming an annual diversion of 6 af per irrigated acre.

CA 8/ IID/MWD Water Conservation Program Phase 1 conserved water made available by IID for diversion in current year by MWD.

CA 9/ Needles total return estimated as 40% of diversion plus measured returns (unpublished report, Colorado River Board of California).

CA 10/ Annual Totals are rounded to the nearest 10 af.

NV BIG BEND WATER DISTRICT															
NV DIVERSION SEC 12 T32S R66E MDB&M	DIVERSION	372	329	375	426	491	507	527	558	492	445	392	339	5253	
NV	RETURNS	244	229	266	267	247	250	289	294	217	268	269	237	3077	
NV	CONSUMPTIVE USE	128	100	109	159	244	257	238	264	275	177	123	102	2176	
NV FORT MOJAVE INDIAN RESERVATION															
NV 2 WELLS, SECTIONS 27 & 5	DIVERSION	170	216	295	431	638	683	541	482	421	233	226	185	4521	
NV	RETURNS														
NV	CONSUMPTIVE USE														
NV LAS VEGAS WASH RETURN FLOWS	RETURNS 2/	15712	14086	16620	14527	12727	12415	12141	11702	12365	14403	13899	14314	164911	
NV															
NV OTHER USERS PUMPING FROM COLORADO															
NV RIVER AND WELLS IN FLOOD PLAIN	DIVERSION 3/	0	0	1	1	1	1	1	1	1	1	1	1	10	
NV DAVIS DAM TO CALIFORNIA BOUNDARY	RETURNS														
NV	CONSUMPTIVE USE														
NV NEVADA TOTALS			5/												
NV	DIVERSION	31099	29311	34410	43589	53247	44750	50303	50521	44816	45315	33815	28377	489554	
NV	RETURNS	16504	14776	17361	15243	13454	13128	12939	12563	13129	15234	14701	15093	174125	
NV	CONSUMPTIVE USE	14596	14536	17049	28346	39793	31623	37364	37957	31687	30081	19114	13284	315429	
NV															
NV															
NV GROUNDWATER INJECTED STORAGE	6/														
NV															
NV LAS VEGAS VALLEY WATER DIST.	INJECTED	5471	5200	4241	4916	1441	0	0	0	0	0	0	0	21269	
NV	WITHDRAWN	0	0	0	0	0	0	0	0	478	16	0	0	494	
NV CITY OF NORTH LAS VEGAS	INJECTED	13	29	21	26	17	0	0	0	0	0	0	0	106	
NV	WITHDRAWN	0	0	0	0	0	0	0	0	0	0	0	0	0	

NV NOTE: The term 'CONSUMPTIVE USE' in this tabulation means diversions including underground pumping, less measured return flow and less current estimated unmeasured return flow to the river.

NV
NV

NV 1/ No surface returns unless shown.

NV 2/ Estimated return based on historic use method adopted by the task force on unmeasured return flows on August 28, 1984 and as revised.

NV 3/ Details on Nevada Supplemental Sheets.

NV 4/ User deliveries adjusted by weighted use to equal total diversion at Lake Mead.

NV 5/ Annual Totals are rounded to the nearest 10 af.

NV 6/ Nevada Injected Storage Balance: Beginning of Year Cumulative Injected Stor232163

NV Plus Current Year Additions 21375

NV Minus Current Year Withdrawls 494

NV End of Year Cumulative Injected Storage 253044

DELIVERIES TO MEXICO IN SATISFACTION OF PART III OF 1944 TREATY AND WATER PASSING TO MEXICO IN EXCESS OF TREATY REQUIREMENTS CALENDAR YEAR 2001														
11/12/2002													(ACRE-FEET)	
MX WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
MX DELIVERY AT NORTHERLY INT'L BOUNDARY	1/	157038	183630	232895	189559	99305	113499	133766	105904	93834	73495	87430	112872	1583227
MX DELIVERY AT SOUTHERLY INT'L BOUNDARY		9436	9030	8825	10449	11294	8684	9212	7685	9261	11666	11524	10284	117350
MX DELIVERY AT TIJUANA	2/	0	0	0	0	0	0	0	0	0	0	0	0	0
MX TOTAL DELIVERY TO MEXICO	3/	166474	192660	241720	200008	110599	122183	142978	113589	103095	85161	98954	123156	1700577
MX TO MEXICO AS SCHEDULED		136798	160824	204111	187021	102809	119777	125941	96410	89308	67474	94169	115358	1500000
MX TO MEXICO IN EXCESS OF SCHEDULE	4/	29676	31836	37609	12987	7790	2406	17037	17179	13787	17687	4785	7798	200577
MX WATER BYPASSED PURSUANT TO MINUTE 242		10072	8343	9176	8583	8650	8465	2212	4787	8313	8662	11926	14555	103744
MX 1/ Includes wasteway deliveries to the river limitrophe in satisfaction of Treaty. MX 2/ Temporary emergency delivery of Colorado River entitlement at Tijuana, via the Colorado River Aqueduct, pursuant to Minute 308. MX 3/ Does not include Water Bypassed Pursuant to Minute 242. MX 4/ Water that is lost to the United States through releases into the Colorado River above Morelos Dam in excess of Lower Basin delivery orders and Mexican Treaty requirements. These excess waters exceed water orders in Mexico and are generally not diverted for beneficial use in Mexico.														

RELEASES OF WATER THROUGH REGULATORY STRUCTURES
 CONTROLLED BY THE UNITED STATES
 CALENDAR YEAR 2001

ST	11/12/2002	(THOUSAND ACRE-FEET)												
ST STRUCTURE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
ST GLEN CANYON DAM	1/	856	653	655	616	613	588	808	825	460	607	610	802	8090.7
ST HOOVER DAM		689	770	974	1140	1029	1080	1001	888	698	516	667	758	10209.4
ST DAVIS DAM		650	828	932	1167	1149	1119	1093	857	790	696	637	650	10567.5
ST PARKER DAM		344	472	647	838	865	877	921	741	645	544	438	367	7699.4
ST HEADGATE ROCK DAM	2/	334	437	616	779	792	802	848	669	592	505	407	339	7121.2
ST PALO VERDE DAM		307	381	494	658	647	618	690	563	514	406	343	288	5908.7
ST IMPERIAL DAM	3/	20	37	33	34	41	29	48	51	58	31	28	19	427.3
ST DIVERSION TO MITTRY LAKE FROM GILA GRAVITY MAIN CAN		1	1	1	1	1	1	1	1	1	1	1	1	10.4
ST TOTAL IMPERIAL DAM + DIVERSION TO MITTRY LAKE		21	38	34	35	42	29	49	52	59	32	28	19	437.7
ST LAGUNA DAM		25	43	46	35	38	27	39	49	55	36	31	22	445.9

ST 1/ Glen Canyon Dam lies within the Upper Basin, hence is not covered by the Decree. We report releases for comparison purposes only.

ST 2/ Computed as Parker Dam release less diversion at Headgate Rock Dam.

ST 3/ Flow below Imperial Dam does not include diversions through the All American and Gila Gravity Main canals

S U M M A R Y													
CONSUMPTIVE USE BY STATE, UNMEASURED RETURNS ESTIMATE, AND RESERVOIR CONTENTS													
CALENDAR YEAR 2001													
11/12/2002													
(THOUSAND ACRE-FEET)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
SU LOWER BASIN STATES WATER USE SUMMARY:													
SU ARIZONA	216.4	236.0	254.4	305.4	345.8	302.6	250.9	199.7	181.5	154.5	182.0	211.9	2841.0
SU CALIFORNIA	235.4	310.7	366.4	535.7	593.2	566.7	589.3	548.5	457.6	421.3	342.6	287.5	5254.7
SU NEVADA	14.6	14.5	17.0	28.3	39.8	31.6	37.4	38.0	31.7	30.1	19.1	13.3	315.4
SU SUBTOTAL	466.4	561.2	637.8	869.5	978.8	900.8	877.5	786.2	670.9	605.9	543.6	512.6	8411.2
SU UNMEASURED RETURNS	12.9	10.3	17.6	18.9	23.2	28.1	30.6	29.4	23.1	19.4	13.8	13.6	240.8
SU TOTAL USE, LOWER BASIN STATES	453.5	550.9	620.3	850.5	955.6	872.8	846.9	756.7	647.7	586.5	529.9	499.1	8170.4
SU TOTAL DELIVERIES TO MEXICO													
SU WATER BYPASSED PURSUANT TO MINUTE 242	10.1	8.3	9.2	8.6	8.7	8.5	2.2	4.8	8.3	8.7	11.9	14.6	103.7
SU TOTAL USE, LOWER BASIN STATES & MEXICO	630.1	751.9	871.2	1059.1	1074.8	1003.4	992.1	875.1	759.1	680.3	640.7	636.8	9974.7
SU END OF MONTH ACTIVE CONTENTS:													
SU LAKE POWELL	19328	19023	18865	18821	19797	20259	19764	19321	19135	18802	18511	17996	229622
SU LAKE MEAD	22523	22430	22154	21603	21127	20557	20245	20137	19873	19882	19776	19795	250102
SU LAKE MOHAVE	1679	1657	1711	1734	1680	1691	1657	1669	1610	1475	1532	1655	19747
SU LAKE HAVASU	556	593	585	594	573	590	576	582	567	570	549	552	6888
SU TOTAL LOWER BASIN STORAGE	24758	24680	24450	23931	23380	22838	22478	22387	22051	21926	21857	22001	276737
SU USE ABOVE HOOVER DAM:													
SU ARIZONA	0.003	0.003	0.006	0.008	0.012	0.015	0.009	0.017	0.013	0.007	0.006	0.006	0.104
SU NEVADA	13.694	13.581	15.987	27.658	38.303	29.971	35.763	36.228	30.196	28.573	17.909	12.412	300.276
SU TOTAL USE ABOVE HOOVER DAM	13.697	13.584	15.993	27.666	38.315	29.986	35.772	36.245	30.209	28.580	17.915	12.418	300.380
SU USE BELOW PARKER DAM:													
SU ARIZONA	19.5	55.2	61.8	125.8	166.0	148.2	150.1	124.2	112.6	103.8	65.7	36.4	1169.3
SU CALIFORNIA	136.6	212.3	256.7	428.8	481.3	458.0	477.7	435.8	359.9	314.6	236.9	184.7	3983.4
SU MEXICO	176.5	201.0	250.9	208.6	119.2	130.6	145.2	118.4	111.4	93.8	110.9	137.7	1804.3
SU TOTAL USE BELOW PARKER DAM	332.6	468.5	569.4	763.2	766.6	736.9	773.1	678.4	583.9	512.3	413.4	358.8	6957.0
SU 1/ Estimated total unmeasured return 240,783 acre-feet (af) reduces States use. Estimated unmeasured return by State is 153,216 af in Arizona, 86,075 af in California, and 1,492 af in Nevada.													
SU 2/ Sum of Total Use, Lower Basin States, deliveries to Mexico in satisfaction of Treaty, and water bypassed Pursuant to Minute 242.													
SU 3/ Includes water delivered in satisfaction of the Treaty with Mexico and water bypassed pursuant to Minute 242.													
SU Note to Reader: Each section of this report, and each State within each section has its own footnotes. The numbers are repeated for each section.													