

AZ	HAVASU NATIONAL WILDLIFE REFUGE														
AZ	TOPOCK MARSH INLET	DIVERSION	0	737	5,090	7,164	5,382	5,051	3,934	3,068	1,764	1,250	828	2	34,270
AZ	FARM DITCH	DIVERSION	-1	175	1,198	1,314	857	779	646	443	187	-27	-11	-4	5,556
AZ	WELL	DIVERSION													0
AZ		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ		UNMEAS. RETURNS	-1	803	5,533	7,461	5,490	5,130	4,030	3,090	1,717	1,076	719	-2	35,046
AZ		CONSUMPTIVE USE	0	109	755	1,017	749	700	550	421	234	147	98	0	4,780
AZ	LAKE HAVASU CITY														
AZ	PUMPED FROM WELLS	DIVERSION	1,105	1,030	1,211	1,348	1,500	1,643	1,926	1,815	1,605	1,563	1,175	1,052	16,973
AZ		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ		UNMEAS. RETURNS	420	391	460	512	570	624	732	690	610	594	447	400	6,450
AZ		CONSUMPTIVE USE	685	639	751	836	930	1,019	1,194	1,125	995	969	728	652	10,523
AZ	CENTRAL ARIZONA PROJECT														
AZ	PUMPED FROM LAKE HAVASU	DIVERSION	166,725	157,301	167,973	165,730	172,183	126,311	78,041	65,373	93,513	135,834	167,966	64,769	1,561,719
AZ		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ		UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ		CONSUMPTIVE USE	166,725	157,301	167,973	165,730	172,183	126,311	78,041	65,373	93,513	135,834	167,966	64,769	1,561,719
AZ	TOWN OF PARKER														
AZ	PUMPED FROM RIVER	DIVERSION	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ	WELL IN FLOOD PLAIN	DIVERSION	44	42	58	70	76	83	87	85	79	75	63	46	808
AZ		MEAS. RETURNS	25	24	25	23	25	24	25	26	24	24	22	23	290
AZ		UNMEAS. RETURNS	13	12	17	20	22	24	25	24	23	21	18	13	232
AZ		CONSUMPTIVE USE	6	6	16	27	29	35	37	35	32	30	23	10	286
AZ	COLORADO RIVER INDIAN RESERVATION														
AZ	DIVERSION AT HEADGATE ROCK DAM	DIVERSION	18,140	38,010	61,190	68,410	63,600	71,840	80,370	75,410	60,040	43,170	29,860	20,310	630,350
AZ	2 PUMPS AND MUNICIPAL	DIVERSION	4	5	4	5	6	6	7	8	6	6	5	5	67
AZ		MEAS. RETURNS	13,349	13,520	16,382	18,597	19,752	18,292	18,742	20,362	20,045	19,854	17,549	14,951	211,395
AZ		UNMEAS. RETURNS	998	2,091	3,366	3,763	3,498	3,952	4,421	4,148	3,303	2,375	1,643	1,117	34,675
AZ		CONSUMPTIVE USE	3,797	22,404	41,446	46,055	40,356	49,602	57,214	50,908	36,698	20,947	10,673	4,247	384,347
AZ	EHRENBURG IMPROVEMENT ASSOCIATION														
AZ	1 RIVER PUMP	DIVERSION	27	24	31	34	38	43	44	45	42	37	35	28	428
AZ		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ		UNMEAS. RETURNS	8	7	9	10	11	12	13	13	12	11	10	8	124
AZ		CONSUMPTIVE USE	19	17	22	24	27	31	31	32	30	26	25	20	304
AZ	CIBOLA VALLEY IRRIGATION DISTRICT														
AZ		DIVERSION													0
AZ		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ		UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ		CONSUMPTIVE USE	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ	CIBOLA NATIONAL WILDLIFE REFUGE														
AZ	3 PUMPS	DIVERSION													0
AZ		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ		UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ		CONSUMPTIVE USE	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ	IMPERIAL NATIONAL WILDLIFE REFUGE														
AZ	4 PUMPS	DIVERSION													0
AZ		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ		UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ		CONSUMPTIVE USE	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ	YUMA PROVING GROUND														
AZ	DIVERSION AT IMPERIAL DAM	DIVERSION	0	0	0	0	0	0	1	1	0	1	0	2	5
AZ	WELLS W, X, Y, Z	DIVERSION	38	37	26	34	93	84	87	88	84	26	28	44	669
AZ		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ		UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ		CONSUMPTIVE USE	38	37	26	34	93	84	88	89	84	27	28	46	674

AZ	NORTH GILA VALLEY I.D.D														
AZ	DIVERSION AT IMPERIAL DAM	DIVERSION	2,595	3,091	5,314	6,052	5,602	4,042	4,291	3,245	3,807	4,937	3,667	1,301	47,944
AZ		MEAS. RETURNS	1,871	1,920	2,695	2,905	2,677	2,079	2,197	1,969	2,205	3,007	2,586	1,304	27,415
AZ		UNMEAS. RETURNS	356	423	728	829	767	554	588	445	522	676	502	178	6,568
AZ		CONSUMPTIVE USE	368	748	1,891	2,318	2,158	1,409	1,506	831	1,080	1,254	579	-181	13,961
AZ	YUMA IRRIGATION DISTRICT														
AZ	DIVERSION AT IMPERIAL DAM	DIVERSION	3,320	4,937	7,220	8,753	8,150	6,438	6,838	5,411	5,772	6,176	4,823	1,848	69,686
AZ	PUMPED FROM PRIVATE WELLS	DIVERSION	11	21	165	188	172	27	307	74	254	253	48	29	1,549
AZ		MEAS. RETURNS	810	1,292	1,675	1,636	1,590	1,446	1,598	1,514	1,376	1,437	1,234	916	16,524
AZ		UNMEAS. RETURNS	710	1,056	1,573	1,904	1,773	1,377	1,522	1,168	1,284	1,369	1,038	400	15,174
AZ		CONSUMPTIVE USE	1,811	2,610	4,137	5,401	4,959	3,642	4,025	2,803	3,366	3,623	2,599	561	39,537
AZ	YUMA MESA I. D. D														
AZ	DIVERSION AT IMPERIAL DAM	DIVERSION	8,291	10,643	14,347	17,545	20,401	23,750	26,205	22,688	18,323	15,037	9,512	5,054	191,796
AZ		MEAS. RETURNS	6,921	6,810	5,101	1,872	7,789	8,787	7,942	7,317	4,682	6,262	7,062	5,822	76,367
AZ		UNMEAS. RETURNS	1,327	1,703	2,296	2,807	3,264	3,800	4,193	3,630	2,932	2,406	1,522	809	30,689
AZ		CONSUMPTIVE USE	43	2,130	6,950	12,866	9,348	11,163	14,070	11,741	10,709	6,369	928	-1,577	84,740
AZ	UNIT "B" I. D. D.														
AZ	DIVERSION AT IMPERIAL DAM	DIVERSION	1,278	1,374	1,913	2,505	2,605	2,841	3,668	3,171	2,437	2,216	1,655	1,231	26,894
AZ		MEAS. RETURNS	1,213	1,159	862	313	1,348	1,484	1,351	1,210	777	1,088	1,245	1,122	13,172
AZ		UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ		CONSUMPTIVE USE	65	215	1,051	2,192	1,257	1,357	2,317	1,961	1,660	1,128	410	109	13,722
AZ	FORT YUMA INDIAN RESERVATION														
AZ	DIVERSIONS FOR YUMA EAST WETLANDS	DIVERSION													
AZ	RANCH "5" LANDS, YUMA ISLAND, AZ (180 ac)	DIVERSION	50	87	139	147	82	35	6	0	0	0	0	0	547
AZ		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ		UNMEAS. RETURNS	18	31	49	51	29	12	2	0	0	0	0	0	192
AZ		CONSUMPTIVE USE	33	57	91	96	53	23	4	0	0	0	0	0	356
AZ	YUMA COUNTY WATER USERS' ASSOCIATION														est
AZ	DIVERSION AT IMPERIAL DAM	DIVERSION	19,080	24,757	41,047	50,114	41,115	20,998	26,582	21,031	22,355	40,970	28,069	11,121	347,239
AZ	PUMPED FROM WELLS	DIVERSION	0	0	0	0	191	133	117	32	17	137	121	134	882
AZ		MEAS. RETURNS	6,871	6,911	6,969	7,053	7,673	5,342	5,465	5,377	7,100	10,307	10,189	8,851	88,108
AZ		UNMEAS. RETURNS	401	520	862	1,052	867	444	561	442	470	863	592	236	7,310
AZ		CONSUMPTIVE USE	11,808	17,326	33,216	42,009	32,766	15,345	20,673	15,244	14,802	29,937	17,409	2,168	252,703
AZ	COCOPA INDIAN RESERVATION														est
AZ	DIVERSION AT IMPERIAL DAM	DIVERSION	30	186	281	159	208	213	536	97	905	145	74	90	2,924
AZ	PUMPED FROM WELLS	DIVERSION	0	0	0	0	1	1	2	0	0	0	0	0	4
AZ	PUMPED FROM WELLS, WEST COCOPA	DIVERSION	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ		MEAS. RETURNS	1	2	2	3	2	3	9	4	4	6	3	6	45
AZ		UNMEAS. RETURNS	0	0	0	0	0	0	1	0	0	0	0	0	1
AZ		CONSUMPTIVE USE	29	184	279	156	207	211	528	93	901	139	71	84	2,882
AZ	RECLAMATION, YUMA AREA OFFICE														
AZ		DIVERSION													0
AZ		MEAS. RETURNS													0
AZ		UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ		CONSUMPTIVE USE	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ	PUMPED FROM SOUTH GILA WELLS (DPOC'S)														
AZ		MEAS. RETURNS	0	5,708	6,562	6,212	5,984	6,078	6,307	5,916	5,458	5,747	3,324	148	57,444
AZ		UNMEAS. ABOVE	0	-5,708	-6,562	-6,212	-5,984	-6,078	-6,307	-5,916	-5,458	-5,747	-3,324	-148	-57,444
AZ		RETURNS CREDIT	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ	OTHER USERS PUMPING FROM COLORADO														
AZ	RIVER AND WELLS IN FLOOD PLAIN DAVIS	DIVERSION													0
AZ	DAM TO INTERNATIONAL BOUNDARY	MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ		UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ		CONSUMPTIVE USE	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ	ARIZONA TOTALS														
AZ		DIVERSION	247,843	275,226	362,714	389,571	383,144	324,078	294,389	259,197	260,925	296,273	276,832	121,954	3,492,145

AZ	MEAS. RETURNS	44,125	49,670	53,034	50,372	58,512	55,460	55,742	58,158	54,794	60,613	56,821	48,214	645,515
AZ	UNMEAS. RETURNS	5,676	5,143	13,249	17,540	16,656	17,937	17,248	14,049	10,418	7,190	5,726	4,949	135,781
AZ	CONSUMPTIVE USE	198,042	220,413	296,431	321,659	307,976	250,681	221,399	186,990	195,713	228,470	214,285	68,791	2,710,849

AZ

AZ NOTE: The term 'CONSUMPTIVE USE' in this tabulation means diversions including underground pumping, less measured return flow and less current
AZ 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 ac-ft per irrigated acre

AZ 4/ Calculated using monthly power records.

AZ 5/ Pumped from underground 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 & Drainage District, the Yuma Irrigation District, and the Yuma Mesa

AZ Irrigation & Drainage District is as follows

AZ Item

Annual Totals (Acre-Feet)

AZ

AZ Diversion at Imperial Dam A,

309426

AZ Pumped from wells

1549

AZ Surface returns from South Gila Valley (S.Gila Cal Wasteway

2781 *

AZ Return flow North Gila Valley (6 drains & wasteways

7980 *

AZ Return flow South Gila Valley wells (DPOC's) less Unmeasured Return

52431

AZ Return flow Yuma Mesa Outlet Drain B

31315.7 *

AZ Return flow protective and regulatory pumping unit C,

47419.8 *

AZ Estimated unmeasured groundwater return flow D

27974.76

AZ Return flow share of Gila Main Canal loss E

16904 *

AZ Subtotal return flow F,

186806.3 172737 check from above

AZ Consumptive Use (see note above)

124168.7 138238 check from above

AZ (A) Total for the North Gila Valley, The Yuma Irrigation and the Yuma Mesa Irrigation and Drainage Districts, and 'Unit E

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 ;

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* mileage 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

AZ Reservation, and the Yuma County Water Users Association (YCWUA) are utilized to meet consumptive uses in the United States and

AZ partial satisfaction of the Mexican Treaty obligation. Some of these underground flows are recovered by pumping from wells on the

AZ 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

AZ quantify these return flows within broad limits by respective water user entities in future years

AZ 8/ Diversion adjusted for delivery to Mohave Valley I. D. D. (Chesney) and Farm Ditch (FMIR)

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

AZ is working to develop 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

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 2008
STATE OF CALIFORNIA

		(ACRE-FEET)												
		02/23/09												
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													0
CA	PUMPED FROM RIVER AND WELLS													
CA	DIVERSION	307	925	1,592	2,127	1,980	1,172	2,034	1,163	1,317	764	897	647	14,925
CA	MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
CA	UNMEAS. RETURNS	142	427	736	983	915	542	940	537	609	353	415	299	6,898
CA	CONSUMPTIVE USE	165	498	856	1,144	1,065	630	1,094	626	708	411	482	348	8,027
CA	CITY OF NEEDLES													
CA	PUMPED FROM WELLS													0
CA	DIVERSION													0
CA	MEAS. RETURNS													0
CA	UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
CA	CONSUMPTIVE USE	0	0	0	0	0	0	0	0	0	0	0	0	0
CA	CHEMEHUEVI INDIAN RESERVATION													
CA	PUMPED FROM RIVER AND WELLS													0
CA	DIVERSION													0
CA	MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
CA	UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
CA	CONSUMPTIVE USE	0	0	0	0	0	0	0	0	0	0	0	0	0
CA	METROPOLITAN WATER DISTRICT													
CA	DIVERSION FROM LAKE HAVASL													
CA	DIVERSION	81,540	67,129	46,208	75,832	96,563	93,602	87,118	82,236	81,623	76,988	53,372	66,269	908,480
CA	MEAS. RETURNS	271	249	262	250	256	245	245	208	212	250	240	264	2,952
CA	UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
CA	CONSUMPTIVE USE	81,269	66,880	45,946	75,582	96,307	93,357	86,873	82,028	81,411	76,738	53,132	66,005	905,528
CA	PARKER DAM AND GOVERNMENT CAMP													
CA	DIVERSION AT PARKER DAM													0
CA	DIVERSION													0
CA	MEAS. RETURNS													0
CA	UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
CA	CONSUMPTIVE USE	0	0	0	0	0	0	0	0	0	0	0	0	0
CA	COLORADO RIVER INDIAN RESERVATION													
CA	PUMPED FROM 11 PUMPS AND WELLS													0
CA	4 PUMPS BIG RIVER													0
CA	DIVERSION													0
CA	MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
CA	UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
CA	CONSUMPTIVE USE	0	0	0	0	0	0	0	0	0	0	0	0	0
CA	CITY OF WINTERHAVEN													
CA	PUMPED FROM 1 WELL IN FLOODPLAIN													0
CA	DIVERSION													0
CA	MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
CA	UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
CA	CONSUMPTIVE USE	0	0	0	0	0	0	0	0	0	0	0	0	0
CA	PALO VERDE IRRIGATION DISTRICT													
CA	DIVERSION FROM PALO VERDE DAM													
CA	DIVERSION	31,530	54,740	76,260	88,090	93,760	103,600	106,000	99,350	83,030	64,800	46,220	33,840	881,220
CA	MEAS. RETURNS	28,089	30,761	36,049	40,428	42,364	42,669	43,605	42,793	43,267	39,441	35,464	31,125	456,055
CA	UNMEAS. RETURNS	1,766	3,065	4,271	4,933	5,251	5,802	5,936	5,564	4,650	3,629	2,588	1,895	49,350
CA	CONSUMPTIVE USE	1,675	20,914	35,940	42,729	46,145	55,129	56,459	50,993	35,113	21,730	8,168	820	375,815
CA	YUMA PROJECT, RES. DIVISION INDIAN UNIT													
CA	DIVERSION AT IMPERIAL DAM													
CA	DIVERSION	2,507	3,715	6,377	8,079	5,665	1,358	2,121	2,931	2,392	4,900	3,474	1,482	45,001
CA	MEAS. RETURNS	46	29	41	113	53	19	31	93	69	167	105	77	843
CA	UNMEAS. RETURNS	419	620	1,065	1,349	946	227	354	489	399	818	580	247	7,513
CA	CONSUMPTIVE USE	2,042	3,066	5,271	6,617	4,666	1,112	1,736	2,349	1,924	3,915	2,789	1,158	36,645

CA	YUMA PROJECT, RES. DIVISION BARD UNIT										est					
CA	DIVERSION AT IMPERIAL DAM	DIVERSION	1,922	2,593	5,246	6,748	6,215	4,156	3,992	3,368	2,904	4,066	2,727	976	44,913	
CA		MEAS. RETURNS	22	13	19	53	31	31	35	62	58	82	48	28	482	
CA		UNMEAS. RETURNS	321	433	876	1,127	1,038	694	667	562	485	679	455	163	7,500	
CA		CONSUMPTIVE USE	1,579	2,147	4,351	5,568	5,146	3,431	3,290	2,744	2,361	3,305	2,224	785	36,931	
CA	RETURNS FROM YUMA PROJECT															
CA	RESERVATION DIVISION RETURNS	MEAS. RETURNS	2,140	1,632	2,173	2,497	2,850	2,067	2,024	2,084	2,450	3,052	2,579	2,794	28,342	
CA	SUM YUMA PROJECTS, RES. DIV. USE	CONSUMPTIVE USE	1,481	3,581	7,449	9,688	6,962	2,476	3,002	3,009	1,835	4,168	2,434	-851	45,234	
CA																
CA	IMPERIAL IRRIGATION DISTRICT															
CA	DIVERSION AT IMPERIAL DAM	DIVERSION	121,090	179,039	302,559	354,756	326,038	294,170	324,610	288,199	234,857	221,274	164,538	107,926	2,919,056	
CA		MEAS. RETURNS	3,862	2,346	3,122	7,878	4,768	6,234	7,877	14,804	12,247	13,301	8,474	9,025	93,938	
CA		UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0	
CA		CONSUMPTIVE USE	117,228	176,693	299,437	346,878	321,270	287,936	316,733	273,395	222,610	207,973	156,064	98,901	2,825,118	
CA	WATER TRANSFERRED TO SDCWA	DIVERSION	0	1,866	2,740	791	2,351	1,667	1,013	1,044	3,496	5,239	6,527	439	27,173	
CA		MEAS. RETURNS	0	24	28	18	34	35	25	54	182	315	336	37	1,088	
CA		CA CONSUMPTIVE USE	0	1,842	2,712	773	2,317	1,632	988	990	3,314	4,924	6,191	402	26,085	
CA	COACHELLA VALLEY WATER DISTRICT															
CA	DIVERSION AT IMPERIAL DAM	DIVERSION	11,839	14,944	23,217	27,351	31,031	33,544	34,833	32,974	28,182	29,448	26,577	16,214	310,154	
CA		MEAS. RETURNS	378	196	240	607	454	711	845	1,694	1,470	1,770	1,369	1,356	11,090	
CA		UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0	
CA		CONSUMPTIVE USE	11,461	14,748	22,977	26,744	30,577	32,833	33,988	31,280	26,712	27,678	25,208	14,858	299,064	
CA	OTHER USERS PUMPING FROM COLORADO															
CA	RIVER AND WELLS IN FLOOD PLAIN	DIVERSION														0
CA	DAVIS DAM TO INTERNATIONAL BOUNDARY	MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0	
CA		UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0	
CA		CONSUMPTIVE USE	0	0	0	0	0	0	0	0	0	0	0	0	0	
CA	CALIFORNIA TOTALS															
CA		DIVERSION	250,735	323,085	461,459	562,983	561,252	531,602	560,708	510,221	434,305	402,240	297,805	227,354	5,123,749	
CA		MEAS. RETURNS	34,808	35,226	41,906	51,826	50,776	51,976	54,662	61,738	59,773	58,063	48,279	44,669	593,702	
CA		UNMEAS. RETURNS	2,648	4,545	6,948	8,392	8,150	7,265	7,897	7,152	6,143	5,479	4,038	2,604	71,261	
CA		CONSUMPTIVE USE	213,279	283,314	412,605	502,765	502,326	472,361	498,149	441,331	368,389	338,698	245,488	180,081	4,458,786	
CA		WATER MANAGEMENT														
CA		ACCT. CREDITS	0	0	0	0	0	0	0	0	0	0	0	0	0	
CA		TOTAL USE	213,279	283,314	412,605	502,765	502,326	472,361	498,149	441,331	368,389	338,698	245,488	180,081	4,458,786	

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 exclude:
 - CA 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 ac-ft per irrigated acre
- CA 8/ Needles total return estimated as 40% of diversion plus measured returns (unpublished report, Colorado River Board of California)

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DELIVERIES TO MEXICO IN SATISFACTION OF PART III OF 1944 TREATY
AND
WATER PASSING TO MEXICO IN EXCESS OF TREATY REQUIREMENTS
CALENDAR YEAR 2008

02/23/09

(ACRE-FEET)

WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
DELIVERY AT NIB	119,679	141,982	193,619	194,235	99,772	103,296	109,782	98,098	89,161	69,464	104,311	125,978	1,449,377
DELIVERY AT THE LIMITROPHE	644	823	639	357	728	406	398	379	890	673	0	0	
DELIVERY FOR TIJUANA	0	403	931	683	696	686	0	0	700	682	0	0	
DELIVERY AT SIB	11,471	11,340	9,515	6,603	12,058	10,909	11,460	10,051	8,425	12,871	13,438	12,150	130,291
TOTAL DELIVERY TO MEXICO	131,794	154,548	204,704	201,931	113,316	115,297	121,652	108,585	99,176	83,690	117,749	138,128	1,590,570
TO MEXICO IN SATISFACTION OF TREATY	119,428	154,380	204,112	198,669	110,741	115,575	119,428	93,370	89,307	73,739	102,966	118,286	1,500,001
TO MEXICO IN EXCESS OF TREATY	12,366	168	592	3,262	2,575	-278	2,224	15,215	9,869	9,951	14,783	19,842	90,569
WATER BYPASSED PURSUANT TO MINUTE 242 OF THE IBWC	10,178	9,452	9,932	9,619	9,991	9,729	7,427	6,927	10,128	10,370	10,670	11,074	115,497
1/ Includes wasteway deliveries to the River limitrophe in satisfaction of treaty													
2/ Water that is lost to the United States through releases into the Colorado River above Morelos Dam in excess of Lower Basin delivery order and Mexican Treaty requirements. These excess waters exceed water orders in Mexico and are generally not diverted for beneficial use Mexico.													

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RELEASES OF WATER THROUGH REGULATORY STRUCTURES
CONTROLLED BY THE UNITED STATES
CALENDAR YEAR 2008

02/23/09

(THOUSAND ACRE-FEET)

STRUCTURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
GLEN CANYON DAM	813	612	850	691	807	810	887	914	738	762	612	818	9,314
HOOVER DAM	672	659	1,025	1,159	1,113	949	876	804	652	508	676	453	9,547
DAVIS DAM	559	740	1,016	1,164	1,054	989	958	865	731	687	670	396	9,827
PARKER DAM	298	474	749	851	697	712	752	659	540	464	387	266	6,848
HEADGATE ROCK DAM	280	435	688	782	634	640	671	584	480	421	357	246	6,217
PALO VERDE DAM	267	361	583	694	519	500	562	473	379	364	327	200	5,229
IMPERIAL DAM	45	23	28	26	32	23	37	69	40	30	38	44	437
DIVERSION TO MITTRY LAKE FROM GILA MAIN CANAL	0	0	1	1	1	1	1	1	1	1	1	0	8
SUM IMPERIAL DAM + DIVERSION TO MITTRY LAKE	46	24	29	27	33	24	38	70	41	31	39	44	445
LAGUNA DAM	43	26	29	26	32	24	33	61	43	34	38	47	436
1/ Computed as Parker Dam release less diversion at Headgate Rock Dam													
2/ Flow below Imperial Dam, does not include diversions through AAC and GGMC													

ST

S U M M A R Y
 USE BY STATE, UNMEASURED RETURNS ESTIMATE, AND RESERVOIR CONTENTS
 CALENDAR YEAR 2008

02/23/09

(THOUSAND ACRE-FEET)

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
WATER USE SUMMARY														
ARIZONA		198.0417	220.4127	296.4314	321.6592	307.9758	250.6806	221.399	186.99	195.7127	228.47	214.285	68.7913	2711
CALIFORNIA		213.279	283.314	412.605	502.765	502.326	472.361	498.149	441.331	368.389	338.698	245.488	180.081	4459
NEVADA		14.681	10.876	17.785	24.605	30.513	31.11905	34.024	34.189	22.932	26.196	14.346	6.557	268
TOTAL USE, LOWER BASIN STATES		426.0017	514.6027	726.8214	849.0292	840.8148	754.1607	753.572	662.51	587.0337	593.364	474.119	255.4293	7437
MEXICO IN SATISFACTION OF TREATY														
		131.794	154.548	204.704	201.931	113.316	115.297	121.652	108.585	99.176	83.69	117.749	138.128	1591
WATER BYPASSED PURSUANT TO MINUTE 242														
		10.178	9.452	9.932	9.619	9.991	9.729	7.427	6.927	10.128	10.37	10.67	11.074	115
TOTAL USE, LOWER BASIN STATES & MEXICO	2/	567.9737	678.6027	941.4574	1060.579	964.1218	879.1867	882.651	778.022	696.3377	687.424	602.538	404.6313	9144
END OF MONTH ACTIVE CONTENTS:														
LAKE POWELL														
		10880	10880	10800	11195	12812	14971	15192	14803	14509	14172	13966	13541	157721
LAKE MEAD														
		13017	13062	12940	12463	12132	11941	11890	11955	12013	12213	12157	12496	148279
LAKE MOHAVE														
		1662.76	1593.203	1617.769	1649.8	1724.825	1708.6	1665.73	1646.02	1585.48	1443.872	1492.98	1584.682	19376
LAKE HAVASU														
		555.028	550.796	551.348	565.825	596.296	592.028	577.354	590.476	583.686	552.82	571.306	557.604	6845
LOWER BASIN TOTAL STORAGE														
		15234.79	15206	15109.12	14678.63	14453.12	14241.63	14133.08	14191.5	14182.17	14209.69	14221.29	14638.29	174499
USE ABOVE HOOVER DAM:														
ARIZONA														
		0.00282	0.00197	0.004	0.008	0.009	0.012	0.025	0.018	0.013	0.009	0.005	0.005	0
NEVADA														
		14.398	10.491	17.347	23.854	29.66	30.20305	33.288	33.537	22.383	25.837	14.071	6.298	265
TOTAL USE		14.40082	10.49297	17.351	23.862	29.669	30.21505	33.313	33.555	22.396	25.846	14.076	6.303	265
USE BELOW PARKER DAM:														
ARIZONA														
		28.981	52.334	115.994	143.06	121.626	107.743	127.065	107.111	89.826	81.718	39.211	0.812	1015
CALIFORNIA														
		131.845	215.936	365.803	426.039	404.954	378.374	410.182	358.677	286.27	261.549	191.874	113.728	3545
MEXICO														
	3/	141.972	164	214.636	211.55	123.307	125.026	129.079	115.512	109.304	94.06	128.419	149.202	1706
TOTAL USE		302.798	432.27	696.433	780.649	649.887	611.143	666.326	581.3	485.4	437.327	359.504	263.742	6267

2/ Sum of Total States, deliveries to Mexico in Satisfaction of Treaty and Bypass Pursuant to Min. 242

3/ Includes water delivered in satisfaction of the treaty with Mexico and water bypassed pursuant to Minute 242.