

AZ	HAVASU NATIONAL WILDLIFE REFUGE														
AZ	INLET-NW NE NW SEC 33 T9N RSSW G&SRM	DIVERSION 8/	0	737	5090	7164	5382	5051	3934	3068	1764	1250	828	32	34300
AZ	FARM DITCH	DIVERSION	-1	175	1198	1314	857	779	646	443	187	-27	-11	-4	5556
AZ	WELL 8N/23E-15Aa	DIVERSION 2/													0
AZ		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ		UNMEAS. RETURNS	-1	803	5533	7461	5490	5130	4030	3090	1717	1076	719	25	35073
AZ		CONSUMPTIVE USE	0	109	755	1017	749	700	550	421	234	147	98	3	4783
AZ	LAKE HAVASU I.D.D. (CITY)														
AZ	DISTRICT PUMPED FROM WELLS	DIVERSION	1105	1030	1211	1348	1500	1643	1926	1815	1605	1563	1175		15921
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	0	6050
AZ		CONSUMPTIVE USE	685	639	751	836	930	1019	1194	1125	995	969	728	0	9871
AZ	CENTRAL ARIZONA PROJECT														
AZ	PUMPED FROM LAKE HAVASU	DIVERSION	166725	157301	167973	165730	172183	126311	78041	65373	93500	135708	167954	64776	1561575
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	166725	157301	167973	165730	172183	126311	78041	65373	93500	135708	167954	64776	1561575
AZ	TOWN OF PARKER														
AZ	PUMPED FROM RIVER	DIVERSION	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ	1 WELL-NW NW NW SEC 7 T9N R19W G&SRM	DIVERSION 10/	44	42	58	70	76	83	87	85	79	75	63	0	762
AZ		MEAS. RETURNS	25	24	25	23	25	24	25	26	24	24	22		267
AZ		UNMEAS. RETURNS	13	12	17	20	22	24	25	24	23	21	18	0	219
AZ		CONSUMPTIVE USE	6	6	16	27	29	35	37	35	32	30	23	0	276
AZ	COLORADO RIVER INDIAN RESERVATION														
AZ	DIVERSION AT HEADGATE ROCK DAM	DIVERSION	18140	38010	61190	68410	63600	71840	80370	75410	60040	43170	29860	20172	630212
AZ	2 PUMPS AND MUNICIPAL	DIVERSION 4/10/	4	5	4	5	6	6	7	8	6	6	5		62
AZ		MEAS. RETURNS	13349	13520	16382	18597	19752	18292	18742	20362	20045	19854	17549	15437	211881
AZ		UNMEAS. RETURNS	998	2091	3366	3763	3498	3952	4421	4148	3303	2375	1643	1109	34667
AZ		CONSUMPTIVE USE	3797	22404	41446	46055	40356	49602	57214	50908	36698	20947	10673	3626	383726
AZ	EHRENBURG IMPROVEMENT ASSN.														
AZ	1 PUMP SW SEC 3 T3N R22W G&SRM	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 VALLEY IRRIGATION DISTRICT														
AZ	3 PUMPS SEC'S 20, 21 & 26T1N R23W	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	5 PUMPS IN SEC. 2 & 31 T1S, R23W	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	2 WELLS SEC 13 T5S R22W G&SRM	DIVERSION 2/													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	0	3
AZ	WELLS W, X, Y, Z	DIVERSION 2/	38	37	26	34	93	84	87	88	84	27	28	0	626
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	28	28	0	629

AZ NORTH GILA VALLEY IRRIGATION DISTRICT															
AZ	DIVERSION AT IMPERIAL DAM 7/	DIVERSION	2595	3091	5314	6052	5602	4042	4291	3245	3807	4937	3700	1146	47822
AZ		MEAS. RETURNS	1871	1920	2695	2905	2677	2079	2197	1969	2205	3007	2633	1038	27196
AZ		UNMEAS. RETURNS	356	423	728	829	767	554	588	445	522	676	507	157	6552
AZ		CONSUMPTIVE USE	368	748	1891	2318	2158	1409	1506	831	1080	1254	560	-49	14074
AZ YUMA IRRIGATION DISTRICT															
AZ	DIVERSION AT IMPERIAL DAM 7/	DIVERSION	3320	4937	7220	8753	8150	6438	6838	5411	5772	6176	4852	1433	69300
AZ	PUMPED FROM PRIVATE WELLS	DIVERSION	11	21	165	188	172	27	307	74	254	253	143	0	1615
AZ		MEAS. RETURNS	810	1292	1675	1636	1590	1446	1598	1514	1376	1437	1331	343	16048
AZ		UNMEAS. RETURNS	710	1056	1573	1904	1773	1377	1522	1168	1284	1369	1064	305	15105
AZ		CONSUMPTIVE USE	1811	2610	4137	5401	4959	3642	4025	2803	3366	3623	2600	785	39762
AZ YUMA MESA I. D. D.															
AZ	DIVERSION AT IMPERIAL DAM 7/	DIVERSION	8291	10643	14347	17545	20401	23750	26205	22688	18323	15037	9715	3469	190414
AZ		MEAS. RETURNS	6921	6810	5101	1872	7789	8787	7942	7317	4682	6262	7227	5348	76058
AZ		UNMEAS. RETURNS	1327	1703	2296	2807	3264	3800	4193	3630	2932	2406	1554	555	30467
AZ		CONSUMPTIVE USE	43	2130	6950	12866	9348	11163	14070	11741	10709	6369	934	-2434	83889
AZ UNIT "B" I. D. D.															
AZ	DIVERSION AT IMPERIAL DAM 7/7E/	DIVERSION	1278	1374	1913	2505	2605	2841	3668	3171	2437	2216	1690	1086	26784
AZ		MEAS. RETURNS	1213	1159	862	313	1348	1484	1351	1210	777	1088	1273	944	13022
AZ		UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ		CONSUMPTIVE USE	65	215	1051	2192	1257	1357	2317	1961	1660	1128	417	142	13762
AZ FORT YUMA INDIAN RESERVATION															
AZ DIVERSIONS FOR YUMA EAST WETLANDS															
AZ	RANCH "5" LANDS, YUMA ISLAND, AZ (180 a)	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															
AZ	DIVERSION AT IMPERIAL DAM	DIVERSION	19080	24757	41047	50114	41115	20998	26582	21031	22355	40970	27959	10339	346347
AZ	PUMPED FROM WELLS 7E/	DIVERSION	0	0	0	0	191	133	117	32	17	137	172	0	799
AZ		MEAS. RETURNS	6871	6911	6969	7053	7673	5342	5465	5377	7100	10307	9820	9321	88209
AZ		UNMEAS. RETURNS	401	520	862	1052	867	444	561	442	470	863	591	217	7290
AZ		CONSUMPTIVE USE	11808	17326	33216	42009	32766	15345	20673	15244	14802	29937	17720	801	251647
AZ COCOPA INDIAN RESERVATION															
AZ	DIVERSION AT IMPERIAL DAM	DIVERSION	30	186	281	159	208	213	536	97	905	145	64	156	2980
AZ	PUMPED FROM WELLS 7E/	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	2	4	42
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	62	152	2941
AZ YUMA AREA OFFICE, USBR															
AZ	DIVERSION FROM WELL NO.8	DIVERSION 2/													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 5/	0	5708	6562	6212	5984	6078	6307	5916	5458	5747	3324	0	57296
AZ		UNMEAS. ABOVE	0	-5708	-6562	-6212	-5984	-6078	-6307	-5916	-5458	-5747	-3324	0	-57296
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															
AZ	DAM TO INTERNATIONAL BOUNDARY	DIVERSION 6/													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 ARIZONA TOTALS															
AZ		DIVERSION	247816	275202	362682	389537	383104	324035	294344	259152	260870	297611	277441	115855	3487648

AZ	MEAS. RETURNS	44125	49670	53034	50372	58512	55460	55742	58158	54794	60613	57096	45368	642944
AZ	UNMEAS. RETURNS	5668	5136	13240	17530	16644	17925	17234	14036	10406	7869	5827	3328	134843
AZ	CONSUMPTIVE USE	198023	220396	296408	321635	307948	250650	221368	186958	195670	229129	214518	67159	2709861

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, the Yuma Irrigation District, and the Yuma Mesa
AZ Irrigation & Drainage District is as follows:

AZ Item	AZ Annual Totals (Acre-Feet)	
AZ ----	AZ -----	
AZ Diversion at Imperial Dam A/	307536	
AZ Pumped from wells	1615	
AZ Surface returns from South Gila Valley (S.Gila Cal Wasteway)	2639 *	
AZ Return flow North Gila Valley (6 drains & wasteways)	7352 *	
AZ Return flow South Gila Valley wells (DPOC's) less Unmeasured Return	52124	
AZ Return flow Yuma Mesa Outlet Drain B/	29675.2 *	
AZ Return flow protective and regulatory pumping unit C/	43429.1 *	
AZ Estimated unmeasured groundwater return flow D/	27874.4	
AZ Return flow share of Gila Main Canal loss E/	15135 *	
AZ Subtotal return flow F/	178229	171426 check from above
AZ Consumptive Use (see note above)	130922	137725 check from above
AZ (A) Total for the North Gila Valley, The Yuma Irrigation and the Yuma Mesa Irrigation and Drainage Districts, 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*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 in 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

CA
CA
CA
CA
CA
CA

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

01/07/09

(ACRE-FEET)

WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
FORT MOJAVE INDIAN RESERVATION													
DELIVERED BY CITY OF NEEDLES													0
PUMPED FROM RIVER AND WELLS													
DIVERSION 4/	312	924	1599	2131	1993	1177	2017	1146	1317	764	897	611	14888
MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
UNMEAS. RETURNS	144	427	739	985	921	544	932	530	609	353	415	282	6881
CONSUMPTIVE USE	168	497	860	1146	1072	633	1085	616	708	411	482	329	8007
CITY OF NEEDLES													
4 WELLS NW SW SEC 29 T9N R23E SBM													0
DIVERSION													0
MEAS. RETURNS 9/													0
UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
CONSUMPTIVE USE	0	0	0	0	0	0	0	0	0	0	0	0	0
CHEMEHUEVI INDIAN RESERVATION													
PUMPED FROM RIVER AND WELLS													0
DIVERSION 7/													0
MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
CONSUMPTIVE USE	0	0	0	0	0	0	0	0	0	0	0	0	0
METROPOLITAN WATER DISTRICT													
DIVERSION FROM LAKE HAVASU													
DIVERSION	81540	67129	46208	75832	96563	93602	87118	82236	81623	76988	53372	66985	909196
MEAS. RETURNS 2/	271	240	262	250	256	245	245	250	250	250	250	250	3019
UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
CONSUMPTIVE USE	81269	66889	45946	75582	96307	93357	86873	81986	81373	76738	53122	66735	906177
PARKER DAM AND GOVERNMENT CAMP													
DIVERSION AT PARKER DAM													0
DIVERSION													0
MEAS. RETURNS													0
UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
CONSUMPTIVE USE	0	0	0	0	0	0	0	0	0	0	0	0	0
COLORADO RIVER INDIAN RESERVATION													
PUMPED FROM 11 PUMPS AND WELLS													0
DIVERSION 4/													0
DIVERSION 4/6/													0
MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
CONSUMPTIVE USE	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY OF WINTERHAVEN													
1 WELL SE NE NE SEC 27 T16S R22E SBM													0
DIVERSION 6/													0
MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
CONSUMPTIVE USE	0	0	0	0	0	0	0	0	0	0	0	0	0
PALO VERDE IRRIGATION DISTRICT													
DIVERSION FROM PALO VERDE DAM													
DIVERSION	31530	54740	76260	88090	93760	103600	106000	99350	83030	64800	46220	33844	881224
MEAS. RETURNS	28089	30761	36049	40428	42364	42669	43605	42793	43267	39441	35464	30559	455489
UNMEAS. RETURNS	1766	3065	4271	4933	5251	5802	5936	5564	4650	3629	2588	1895	49350
CONSUMPTIVE USE	1675	20914	35940	42729	46145	55129	56459	50993	35113	21730	8168	1390	376385
YUMA PROJECT, RES. DIV. INDIAN UNIT													
DIVERSION AT IMPERIAL DAM													
DIVERSION	2507	3715	6377	8079	5665	1358	2121	2931	2392	4900	3762	1146	44953
MEAS. RETURNS	46	29	41	113	53	19	31	93	69	167	115	0	776
UNMEAS. RETURNS	419	620	1065	1349	946	227	354	489	399	818	628	191	7505
CONSUMPTIVE USE	2042	3066	5271	6617	4666	1112	1736	2349	1924	3915	3019	955	36672

											est				
CA YUMA PROJECT, RES. DIV. BARD UNIT															
CA DIVERSION AT IMPERIAL DAM	DIVERSION	1922	2593	5246	6748	6215	4156	3992	3368	2904	4066	2704	1149	45063	
CA	MEAS. RETURNS	22	13	19	53	31	31	35	62	58	82	47	0	453	
CA	UNMEAS. RETURNS	321	433	876	1127	1038	694	667	562	485	679	452	192	7526	
CA	CONSUMPTIVE USE	1579	2147	4351	5568	5146	3431	3290	2744	2361	3305	2205	957	37084	
CA RETURNS FROM YUMA PROJECT															
CA RESERVATION DIVISION RETURNS	MEAS. RETURNS 3/	2140	1632	2173	2497	2850	2067	2024	2084	2450	3052	2579	2817	28365	
CA SUM YUMA PROJECTS, RES. DIV. USE	CONSUMPTIVE USE	1481	3581	7449	9688	6962	2476	3002	3009	1835	4168	2645	-905	45391	
CA															
CA IMPERIAL IRRIGATION DISTRICT															
CA DIVERSION AT IMPERIAL DAM	DIVERSION	121090	179039	302559	354756	326038	294170	324610	288199	234857	221274	169564	102189	2918345	
CA	MEAS. RETURNS	3862	2346	3122	7878	4768	6234	7877	14804	12247	13301	8733	6634	91806	
CA	UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0	
CA	CONSUMPTIVE USE	117228	176693	299437	346878	321270	287936	316733	273395	222610	207973	160831	95555	2826539	
CA WATER TRANSFERRED TO SDCWA	DIVERSION	0	1879	2746	782	2348	1655	1013	1022	3441	5119	3692.08	2203.27	25900	
CA	MEAS. RETURNS	0	24	28	18	34	35	25	54	182	315	116.079	69.2708	715	
CA	CA CONSUMPTIVE USE	0	1855	2718	764	2314	1620	988	968	3259	4804	3576	2134	25000	
CA COACHELLA VALLEY WATER DISTRICT															
CA DIVERSION AT IMPERIAL DAM	DIVERSION	11839	14944	23217	27351	31031	33544	34833	32974	28182	29448	28077	16140	311580	
CA	MEAS. RETURNS	378	196	240	607	454	711	845	1694	1470	1770	1446	1048	10859	
CA	UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0	
CA	CONSUMPTIVE USE	11461	14748	22977	26744	30577	32833	33988	31280	26712	27678	26631	15092	300721	
CA OTHER USERS PUMPING FROM COLORADO															
CA RIVER AND WELLS IN FLOOD PLAIN	DIVERSION 5/													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	250740	323084	461466	562987	561265	531607	560691	510204	434305	402240	304596	222064	5125249	
CA	MEAS. RETURNS	34808	35217	41906	51826	50776	51976	54662	61780	59811	58063	48634	41308	590767	
CA	UNMEAS. RETURNS	2650	4545	6951	8394	8156	7267	7889	7145	6143	5479	4083	2560	71262	
CA	CONSUMPTIVE USE	213282	283322	412609	502767	502333	472364	498140	441279	368351	338698	251879	178196	4463220	
CA	WATER MANAGEMENT														
CA	ACCT. CREDITS	0	0	0	0	0	0	0	0	0	0	0	0	0	
CA	TOTAL USE	213282	283322	412609	502767	502333	472364	498140	441279	368351	338698	251879	178196	4463220	

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 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).

CA
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CA

DELIVERIES TO MEXICO IN SATISFACTION OF PART III OF 1944 TREATY AND WATER PASSING TO MEXICO IN EXCESS OF TREATY REQUIREMENTS CALENDAR YEAR 2008														
01/07/09 (ACRE-FEET)														
WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	
DELIVERY AT NORTH INTERNATIONAL BOUNDARY 1/	119679	141982	193619	194235	99772	103296	109782	98098	89161	69464	104295	125925	1449308	
DELIVERY AT THE LIMITROPHE	644	823	639	357	728	406	398	379	890	673	0	0		
DELIVERY AT TIJUANA	0	403	931	683	696	686	0	0	700	682	0	0		
DELIVERY AT SOUTH INT. LAND BOUNDARY	11471	11340	9515	6603	12058	10909	11460	10051	8425	12871	13062	13168	130933	
TOTAL DELIVERY IN SATISFACTION OF TREATY TO MEXICO AS SCHEDULED	131794	154548	204704	201931	113316	115297	121652	108585	99176	83690	117357	139093	1591143	
TO MEXICO IN EXCESS OF SCHEDULE 2/	119428	154380	204112	198669	110741	115575	119428	93370	89307	73739	102966	118286	1500001	
TO MEXICO IN EXCESS OF SCHEDULE 2/	12366	168	592	3262	2575	-278	2224	15215	9869	9951	14391	20855	91190	
WATER BYPASSED PURSUANT TO MINUTE 242	10178	9452	9932	9619	9991	9729	7427	6927	10128	10370	10670	11076	115499	
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 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 2008														
01/07/09 (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	0	8496	
HOOVER DAM	672	659	1025	1159	1113	949	876	804	652	508	676	0	9094	
DAVIS DAM	559	740	1016	1164	1054	989	958	865	731	687	670	0	9431	
PARKER DAM	298	474	749	851	697	712	752	659	540	464	387	0	6582	
HEADGATE ROCK DAM 1/	280	435	688	782	634	640	671	584	480	421	357	-20	5951	
PALO VERDE DAM	267	361	583	694	519	500	562	473	379	364	327	0	5029	
IMPERIAL DAM 2/	45	23	28	26	32	23	37	69	40	30	38	0	394	
DIVERSION TO MITTRY LAKE FROM GILA MAIN CAL	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	0	401	
LAGUNA DAM	43	26	29	26	32	24	33	61	43	34	38	0	389	
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														

