



AZ	HAVASU NATIONAL WILDLIFE REFUGE															
AZ	INLET-NW NE NW SEC 33 T9N RSSW G&SRM	DIVERSION 8/	399	1549	4106	5993	5195	4941	5331	3372	2167	757	52	-1	33861	
AZ	FARM DITCH	DIVERSION	110	431	1106	1316	1080	1052	813	590	673	316	23	-8	7502	
AZ	WELL 8N/23E-15Aa	DIVERSION 2/													0	
AZ		MEAS. RETURNS	0	0	2	9	0	1	0	0	0	0	0	0	12	
AZ		UNMEAS. RETURNS	448	1742	4585	6424	5522	5273	5407	3487	2499	944	66	-8	36389	
AZ		CONSUMPTIVE USE	61	238	625	876	753	719	737	475	341	129	9	-1	4962	
AZ	LAKE HAVASU I.D.D. (CITY)															
AZ	DISTRICT PUMPED FROM WELLS	DIVERSION	1149	1025	1107	1138	1141	1500	1632	1794	1523	1459	1270	1113	15851	
AZ		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0	
AZ		UNMEAS. RETURNS	437	390	421	432	434	570	620	682	579	554	483	423	6025	
AZ		CONSUMPTIVE USE	712	635	686	706	707	930	1012	1112	944	905	787	690	9826	
AZ	CENTRAL ARIZONA PROJECT															
AZ	PUMPED FROM LAKE HAVASU	DIVERSION	133727	131318	171214	160808	159299	148452	100014	42417	134100	164060	147108	118236	1610753	
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	133727	131318	171214	160808	159299	148452	100014	42417	134100	164060	147108	118236	1610753	
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/	58	54	78	81	96	103	102	98	82	77	61	48	938	
AZ		MEAS. RETURNS	21	21	24	25	24	22	23	22	21	22	25	24	274	
AZ		UNMEAS. RETURNS	17	15	22	23	27	29	29	28	23	22	17	14	266	
AZ		CONSUMPTIVE USE	20	18	32	33	45	52	50	48	38	33	19	10	398	
AZ	COLORADO RIVER INDIAN RESERVATION															
AZ	DIVERSION AT HEADGATE ROCK DAM	DIVERSION	26410	32290	42280	64540	69880	69920	73230	70960	57050	40880	28160	25290	600890	
AZ	2 PUMPS AND MUNICIPAL	DIVERSION 4/10/	6	6	5	7	12	17	16	6	7	6	5	9	102.19	
AZ		MEAS. RETURNS	14049	13859	16719	19432	21521	18502	19445	19898	19755	19689	17282	16157	216308	
AZ		UNMEAS. RETURNS	1453	1776	2326	3550	3844	3847	4029	3903	3138	2249	1549	1391	33055	
AZ		CONSUMPTIVE USE	10914	16661	23240	41565	44527	47588	49772	47165	34164	18948	9334	7751	351629.19	
AZ	EHRENBURG IMPROVEMENT ASSN.															
AZ	ONE RIVER PUMP	DIVERSION	32	29	35	39	41	47	51	49	43	39	31	25	461	
AZ		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0	
AZ		UNMEAS. RETURNS	9	8	10	11	12	13	15	14	12	11	9	7	131	
AZ		CONSUMPTIVE USE	23	21	25	28	29	34	36	35	31	28	22	18	330	
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	1	1	0	0	0	3	1	0	0	0	1	7	
AZ	WELLS W, X, Y, Z	DIVERSION 2/	22	20	25	68	93	72	96	112	27	60	51	60	706	
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	22	21	26	68	93	72	99	113	27	60	51	61	713	



AZ NORTH GILA VALLEY IRRIGATION DISTRICT															
AZ	DIVERSION AT IMPERIAL DAM 7/	DIVERSION	2785	2591	4610	4837	5734	4920	4688	3290	3550	4965	3345	2221	47536
AZ		MEAS. RETURNS	1672	1362	2503	2571	3048	2622	2735	2103	2116	2967	2146	1769	27614
AZ		UNMEAS. RETURNS	382	355	632	663	786	674	642	451	486	680	458	304	6513
AZ		CONSUMPTIVE USE	731	874	1475	1603	1900	1624	1311	736	948	1318	741	148	13409
AZ YUMA IRRIGATION DISTRICT															
AZ	DIVERSION AT IMPERIAL DAM 7/	DIVERSION	4030	4685	7596	7656	8137	6704	5735	5606	5075	6634	4654	3310	69822
AZ	PUMPED FROM PRIVATE WELLS	DIVERSION	127	94	199	176	193	108	202	145	158	115	71	25	1613
AZ		MEAS. RETURNS	1061	1208	2326	1931	2187	1837	1479	1603	1101	1668	1004	825	18230
AZ		UNMEAS. RETURNS	885	1018	1660	1668	1774	1451	1265	1225	1115	1438	1006	710	15215
AZ		CONSUMPTIVE USE	2211	2553	3809	4233	4369	3524	3193	2923	3017	3643	2715	1800	37990
AZ YUMA MESA I. D. D.															
AZ	DIVERSION AT IMPERIAL DAM 7/	DIVERSION	11213	10145	15227	18954	24236	24866	28703	25426	16305	13992	11752	5714	206533
AZ		MEAS. RETURNS	4350	5598	7505	5982	6739	7430	10282	9301	6323	7130	5528	5356	81524
AZ		UNMEAS. RETURNS	1794	1623	2436	3033	3878	3979	4592	4068	2609	2239	1880	914	33045
AZ		CONSUMPTIVE USE	5069	2924	5286	9939	13619	13457	13829	12057	7373	4623	4344	-556	91964
AZ UNIT "B" I. D. D.															
AZ	DIVERSION AT IMPERIAL DAM 7/7E/	DIVERSION	1739	1582	1850	2330	3091	3478	3823	3656	2580	2490	1997	831	29447
AZ		MEAS. RETURNS	747	971	1201	964	1067	1215	1704	1557	1107	1260	974	939	13706
AZ		UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ		CONSUMPTIVE USE	992	611	649	1366	2024	2263	2119	2099	1473	1230	1023	-108	15741
AZ FORT YUMA INDIAN RESERVATION															
AZ	DIVERSIONS FOR YUMA EAST WETLANDS	DIVERSION	5	5	21	16	18	19							
AZ	RANCH "5" LANDS, YUMA ISLAND, AZ (180 ac)	DIVERSION	56	43	62	86	131	48	161	31	62	56	108	30	874
AZ		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ		UNMEAS. RETURNS	21	17	29	36	52	23	56	11	22	20	38	11	335
AZ		CONSUMPTIVE USE	40	31	54	66	97	44	104	20	40	37	70	20	623
AZ YUMA COUNTY WATER USERS ASSOCIATION															
AZ	DIVERSION AT IMPERIAL DAM	DIVERSION	21030	22647	37488	43041	39582	26293	24194	19990	27374	39886	29825	16873	348223
AZ	PUMPED FROM WELLS 7E/	DIVERSION	149	41	25	40	479	45	19	0	13	0	9	17	837
AZ		MEAS. RETURNS	8754	8032	8459	8188	8534	7365	6025	5512	8077	10517	10740	8096	98299
AZ		UNMEAS. RETURNS	445	476	788	905	841	553	508	420	575	838	627	355	7331
AZ		CONSUMPTIVE USE	11980	14180	28266	33988	30686	18420	17680	14058	18735	28531	18467	8439	243430
AZ COCOPA INDIAN RESERVATION															
AZ	DIVERSION AT IMPERIAL DAM	DIVERSION	88	71	136	133	397	115	121	500	312	790	441	375	3479
AZ	PUMPED FROM WELLS 7E/	DIVERSION	1	0	0	0	5	0	0	0	0	0	0	0	6
AZ	PUMPED FROM WELLS, WEST COCOPA	DIVERSION	0	0	0	0	0	0	0	0	0	0	0	0	0
AZ		MEAS. RETURNS	2	1	3	2	5	2	1	8	7	24	17	7	79
AZ		UNMEAS. RETURNS	0	0	0	0	2	0	0	0	0	0	0	0	2
AZ		CONSUMPTIVE USE	87	70	133	131	395	113	120	492	305	766	424	368	3404
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	5894	5912	5561	5929	6481	5907	5929	5854	6067	5718	3925	63177
AZ		UNMEAS. ABOVE	0	-5894	-5912	-5561	-5929	-6481	-5907	-5929	-5854	-6067	-5718	-3925	-63177
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 6/													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	233137	244009	344671	368874	386092	359994	310035	231574	304723	324082	258393	188272	3553856

AZ	MEAS. RETURNS	43390	48413	60788	58787	63806	59290	60902	58528	55491	61905	55010	50731	677041
AZ	UNMEAS. RETURNS	8442	4692	11317	16155	18008	17088	17761	14405	10963	7223	3383	1682	131118
AZ	CONSUMPTIVE USE	181305	190904	272566	293932	304278	283616	231371	158642	238269	254954	200001	135860	2745697

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

Annual Totals (Acre-Feet)

AZ ----

-----

AZ Diversion at Imperial Dam A/

323891

AZ Pumped from wells

1613

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

2778 \*

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

7788 \*

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

54773

AZ Return flow Yuma Mesa Outlet Drain B/

20272.5 \*

AZ Return flow protective and regulatory pumping unit C/

43319.4 \*

AZ Estimated unmeasured groundwater return flow D/

27838.8

AZ Return flow share of Gila Main Canal loss E/

25367 \*

AZ Subtotal return flow F/

182137 182141 check from above

AZ Consumptive Use (see note above)

143367 143363 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 YUMA PROJECT, RES. DIV. BARD UNIT															
CA	DIVERSION AT IMPERIAL DAM	DIVERSION	2275	1965	4298	5611	6118	5721	3112	3007	3445	3792	3275	1613	44232
CA		MEAS. RETURNS	29	20	40	46	36	55	17	25	40	56	69	15	448
CA		UNMEAS. RETURNS	380	328	718	937	1022	955	520	502	575	633	547	269	7386
CA		CONSUMPTIVE USE	1866	1617	3540	4628	5060	4711	2575	2480	2830	3103	2659	1329	36398
CA RETURNS FROM YUMA PROJECT															
CA	RESERVATION DIVISION RETURNS	MEAS. RETURNS 3/	2178	1786	2314	2078	1903	1954	2301	2315	2380	2380	2222	2084	25895
CA	SUM YUMA PROJECTS, RES. DIV. USE	CONSUMPTIVE USE	2201	2222	5530	7359	7935	4161	1801	2325	2309	5023	3997	1264	46127
CA IMPERIAL IRRIGATION DISTRICT															
CA	DIVERSION AT IMPERIAL DAM	DIVERSION	157668	174743	287839	317642	333477	310384	339390	290303	249979	230433	149440	110634	2951932
CA		MEAS. RETURNS	5506	5028	7673	7431	5605	8741	4835	6789	7427	9705	8116	2898	79754
CA		UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
CA		CONSUMPTIVE USE	152162	169715	280166	310211	327872	301643	334555	283514	242552	220728	141324	107736	2872178
CA	WATER TRANSFERRED TO SDCWA	DIVERSION	0	7215	1719	1933	2306	3958	4549	2062	0	0	0	129	23871
CA		MEAS. RETURNS	0	208	46	45	39	111	65	48	0	0	0	3	565
CA		CA CONSUMPTIVE USE	0	7007	1673	1888	2267	3847	4484	2014	0	0	0	126	23306
CA COACHELLA VALLEY WATER DISTRICT															
CA	DIVERSION AT IMPERIAL DAM	DIVERSION	19321	19215	25882	24574	32816	31827	34260	32901	28417	27397	29859	15399	321868
CA		MEAS. RETURNS	675	553	690	575	552	896	488	769	844	1154	1622	403	9221
CA		UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
CA		CONSUMPTIVE USE	18646	18662	25192	23999	32264	30931	33772	32132	27573	26243	28237	14996	312647
CA OTHER USERS PUMPING FROM COLORADO															
CA RIVER AND WELLS IN FLOOD PLAIN															
CA	DAVIS DAM TO INTERNATIONAL BOUNDARY	DIVERSION 5/													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 CALIFORNIA TOTALS															
CA		DIVERSION	270255	318640	414491	511367	576187	546992	562573	541108	473309	358724	265756	203212	5042614
CA		MEAS. RETURNS	40361	39196	49341	47880	50617	57508	58612	57735	59296	55916	50264	43570	610296
CA		UNMEAS. RETURNS	3247	4389	6312	7275	8940	8692	8508	8345	7277	5745	4476	3072	76278
CA		CONSUMPTIVE USE	226647	275055	358838	456212	516630	480792	495453	475028	406736	297063	211016	156570	4356040
CA		WATER MANAGEMENT													
CA		ACCT. CREDITS	0	0	0	0	0	0	0	0	0	0	0	0	0
CA		TOTAL USE	226647	275055	358838	456212	516630	480792	495453	475028	406736	297063	211016	156570	4356040

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  
CA





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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 2007

02/25/08 (ACRE-FEET)

WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
DELIVERY AT NORTH INTERNATIONAL BOUNDARY 1/	112500	138220	191216	186761	97902	107652	111155	86246	79921	65639	89356	114804	1381372
DELIVERY AT THE LIMITROPHE	811	773	685	314	471	489	460	589	831	767	871	872	
DELIVERY AT TIJUANA	0	0	0	0	0	0	0	0	0	0	0	0	
DELIVERY AT SOUTH INT. LAND BOUNDARY	9347	10479	10954	10683	10869	9791	11589	10103	11065	13641	12757	10803	132081
TOTAL DELIVERY IN SATISFACTION OF TREATY TO MEXICO AS SCHEDULED	122658	149472	202855	197758	109278	117932	123383	96938	91817	80047	102984	126479	1521601
TO MEXICO AS SCHEDULED	121599	149057	202851	195427	108570	117676	122860	95471	89307	74721	102966	119497	1500002
TO MEXICO IN EXCESS OF SCHEDULE 2/	1059	415	4	2331	708	256	523	1467	2510	5326	18	6982	21599
WATER BYPASSED PURSUANT TO MINUTE 242	9038	8239	7985	7693	8189	8599	8935	8628	8913	9001	9625	10610	105455

MX 1/ Includes wasteway deliveries to the River limitrophe in satisfaction of treaty.  
MX 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.

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RELEASES OF WATER THROUGH REGULATORY STRUCTURES  
CONTROLLED BY THE UNITED STATES  
CALENDAR YEAR 2007

02/25/08 (THOUSAND ACRE-FEET)

STRUCTURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
GLEN CANYON DAM	822	619	607	604	606	811	819	818	617	612	615	814	8366
HOOVER DAM	639	647	970	1093	1025	958	950	803	656	570	575	477	9362
DAVIS DAM	563	676	942	1058	1054	1025	971	826	820	673	546	416	9569
PARKER DAM	337	426	657	739	720	734	766	622	547	443	323	251	6563
HEADGATE ROCK DAM 1/	311	394	614	674	650	664	693	551	490	402	294	226	5962
PALO VERDE DAM	275	350	537	589	525	517	551	438	399	368	273	222	5044
IMPERIAL DAM 2/	30	17	43	33	51	30	28	37	32	26	24	36	385
DIVERSION TO MITTRY LAKE FROM GILA MAIN CAL	1	1	1	1	1	1	1	1	1	1	1	0	8
SUM IMPERIAL DAM + DIVERSION TO MITTRY LAKE	30	17	44	34	51	31	29	37	33	27	24	36	394
LAGUNA DAM	27	19	47	31	38	28	25	32	28	26	21	31	353

ST 1/ Computed as Parker Dam release less diversion at Headgate Rock Dam.  
ST 2/ Flow below Imperial Dam, does not include diversions through AAC and GGMC

