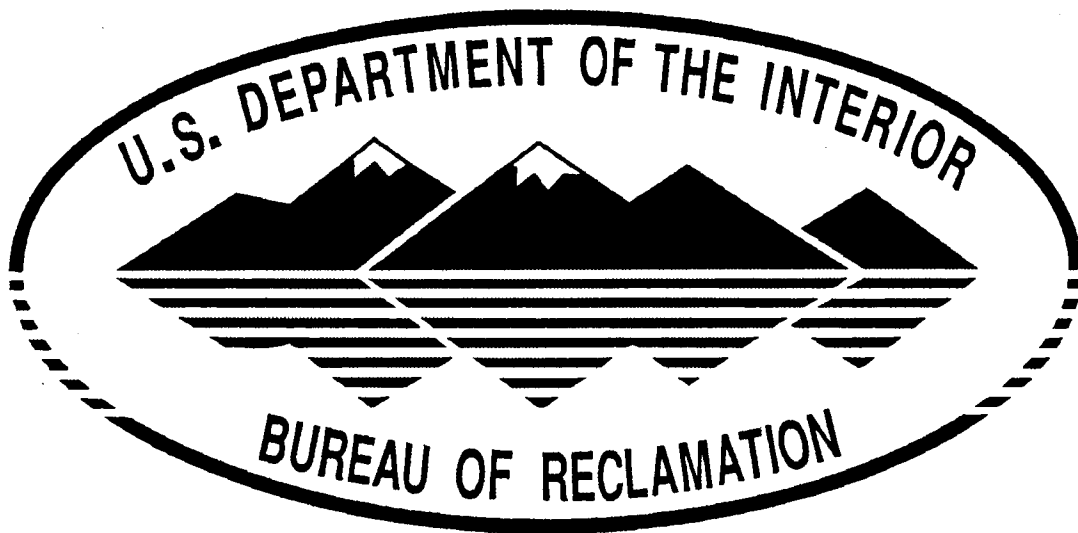


COMPILATION OF RECORDS IN
ACCORDANCE WITH ARTICLE V. OF THE
DECREE OF THE SUPREME COURT OF
THE UNITED STATES IN
ARIZONA v. CALIFORNIA DATED MARCH 9, 1964

CALENDAR YEAR 1999



Bureau of Reclamation
Boulder Canyon Operations Office
Lower Colorado Region
Boulder City, Nevada

COMPILATION OF RECORDS IN
ACCORDANCE WITH ARTICLE V. OF THE
DECREE OF THE SUPREME COURT OF
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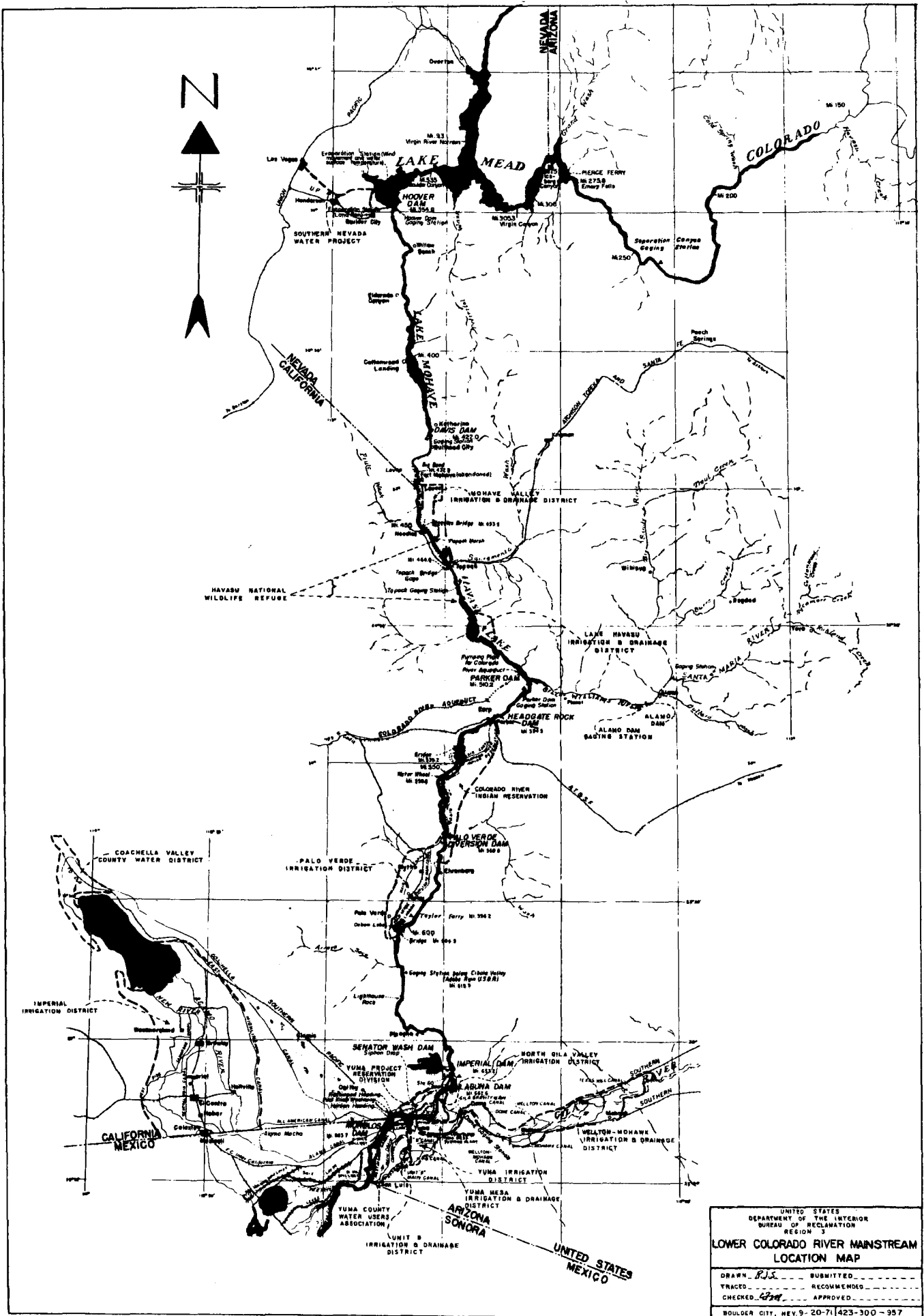
CALENDAR YEAR 1999

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UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF RECLAMATION
 REGION 3
**LOWER COLORADO RIVER MAINSTREAM
 LOCATION MAP**

DRAWN *R.J.S.* SUBMITTED _____
 TRACED _____ RECOMMENDED _____
 CHECKED *4/2/64* APPROVED _____

BOULDER CITY, NEV. 9-20-71 423-300-957

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S U M M A R Y
USE BY STATE, UNMEASURED RETURNS ESTIMATE, AND RESERVOIR CONTENTS
CALENDAR YEAR 1999

07/14/2000

(THOUSAND ACRE-FEET)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
WATER USE SUMMARY													
ARIZONA	182.7	211.3	291.7	282.5	346.8	279.1	223.2	196.4	142.5	177.0	218.1	176.6	2728.0
CALIFORNIA	275.3	288.1	458.0	495.9	562.0	543.0	533.7	512.1	438.8	432.7	339.2	315.5	5194.4
NEVADA	17.1	16.7	22.2	21.7	30.9	27.0	22.1	29.9	27.0	32.2	25.3	19.1	291.1
STATES SUBTOTAL	475.1	516.1	771.8	800.1	939.7	849.1	779.0	738.4	608.3	641.9	582.6	511.2	8213.5
UNMEASURED RETURNS	12.6	10.1	17.3	18.6	22.8	27.6	30.1	29.0	22.8	19.1	13.6	13.4	237.2
TOTAL USE, LOWER BASIN STATES	462.5	506.0	754.6	781.5	916.9	821.5	748.9	709.4	585.5	622.8	569.0	497.8	7976.3
MEXICO IN SATISFACTION OF TREATY	420.7	179.0	212.0	217.6	181.8	174.9	212.3	128.4	276.7	386.6	319.0	185.1	2894.1
WATER BYPASSED PURSUANT TO MINUTE 242	10.8	8.3	9.4	8.7	6.6	6.6	6.2	6.3	4.9	4.3	0.3	6.3	78.7
TOTAL USE, LOWER BASIN STATES & MEXICO	894.0	693.3	975.9	1007.8	1105.3	1003.0	967.4	844.1	867.1	1013.7	888.2	689.3	10949.1
END OF MONTH ACTIVE CONTENTS:													
LAKE POWELL	21344	21088	20916	20893	21561	23304	23378	23292	22997	22534	21969	21444	264720
LAKE MEAD	24836	24899	24662	24216	24001	23857	23988	24207	24592	24717	24789	24997	293761
LAKE MOHAVE	1647	1677	1678	1670	1707	1693	1697	1711	1515	1387	1466	1588	19436
LAKE HAVASU	534	521	541	583	601	604	587	605	584	556	553	546	6815
LOWER BASIN TOTAL STORAGE	27017	27097	26881	26469	26309	26153	26272	26523	26691	26661	26808	27132	320012
USE ABOVE HOOVER DAM:													
ARIZONA	0.005	0.005	0.015	0.009	0.013	0.014	0.013	0.019	0.013	0.012	0.009	0.007	0.134
NEVADA	16.217	15.889	21.234	20.857	29.808	25.619	20.520	28.221	25.492	30.871	24.089	17.999	276.802
TOTAL USE	16.222	15.894	21.249	20.866	29.821	25.633	20.533	28.240	25.505	30.883	24.098	18.006	276.936
USE BELOW PARKER DAM:													
ARIZONA	34.7	56.1	106.4	96.0	150.2	145.0	137.8	126.0	105.7	99.6	58.9	55.9	1172.4
CALIFORNIA	193.2	221.2	361.4	387.6	449.4	432.9	418.5	400.5	328.1	324.9	236.4	203.9	3957.7
MEXICO	431.5	187.3	221.4	226.3	188.4	181.6	218.6	134.7	281.6	390.9	319.2	191.5	2972.8
TOTAL USE	659.4	464.5	689.2	709.9	788.0	759.4	774.8	661.2	715.4	815.4	614.5	451.2	8102.9

1/ Estimated total unmeasured return 237,076 acre-feet reduces States use. Estimated unmeasured return by state is 148,258 af in Arizona, 87,203 af in California, and 1,615 af in Nevada.

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 the treaty with Mexico and water bypassed pursuant to Minute 242.

ARTICLE V. OF THE DECREE OF THE SUPREME COURT
OF THE UNITED STATES
IN ARIZONA v. CALIFORNIA DATED MARCH 9, 1964

Article V.

V. The United States shall prepare and maintain, or provide for the preparation and maintenance of, and shall make available, annually and at such shorter intervals as the Secretary of the Interior shall deem necessary or advisable, for inspection by interested persons at all reasonable times and at a reasonable place or places, complete, detailed and accurate records of:

(A) Releases of water through regulatory structures controlled by the United States;

(B) Diversions of water from the mainstream, return flow of such water to the stream as is available for consumptive use in the United States or in satisfaction of the Mexican treaty obligation, and consumptive use of such water. These quantities shall be stated separately as to each diverter from the mainstream, each point of diversion, and each of the States of Arizona, California and Nevada;

(C) Releases of mainstream water pursuant to orders therefor but not diverted by the party ordering the same, and the quantity of such water delivered to Mexico in satisfaction of the Mexican Treaty or diverted by others in satisfaction of rights decreed herein. These quantities shall be stated separately as to each diverter from the mainstream, each point of diversion, and each of the States of Arizona, California and Nevada;

(D) Deliveries to Mexico of water in satisfaction of the obligations of Part III of the Treaty of February 3, 1944, and separately stated, water passing to Mexico in excess of treaty requirements;

(E) Diversions of water from the mainstream of the Gila and San Francisco Rivers and the consumptive use of such water, for the benefit of the Gila National Forest.

RECORDS OF RELEASES OF WATER THROUGH
REGULATORY STRUCTURES IN ACCORDANCE WITH
ARTICLE V(A) OF THE DECREE OF
THE SUPREME COURT OF THE UNITED STATES
IN ARIZONA v. CALIFORNIA DATED MARCH 9, 1964

CALENDAR YEAR 1999

The following tabulations for calendar year 1999 show final records of releases of water through regulatory structures controlled by the United States. At Hoover, Davis, Parker, Palo Verde, Imperial, and Laguna Dams, the records are furnished by the U.S. Geological Survey based on measurements at or below the structures.

The record of river flow through Headgate Rock Dam was computed using the record of flow at the gaging station "Colorado River below Parker Dam, Arizona-California," and deducting from it the record of flow at the gaging station "Diversion for Colorado River Indian Reservation Main Canal near Parker, Arizona." The diversions are made at Headgate Rock Dam.

RELEASES AFTER THROUGH REGULATORY STRUCTURES
CONTROLLED BY THE UNITED STATES
CALENDAR YEAR 1999

07/14/2000

(THOUSAND ACRE-FEET)

STRUCTURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
GLEN CANYON DAM	909	808	819	727	1055	991	1117	1176	1139	1070	1068	1018	11896.3
HOOVER DAM	851	733	1011	1088	1195	1055	958	902	712	856	926	747	11033.0
DAVIS DAM	731	696	1018	1104	1176	1087	968	892	931	1004	855	609	11070.3
PARKER DAM	596	477	693	734	826	837	820	697	796	858	617	403	8353.3
HEADGATE ROCK DAM 1/	573	444	634	684	758	768	754	629	749	816	588	371	7767.2
PALO VERDE DAM	546	394	539	598	633	607	611	516	645	724	544	360	6716.1
IMPERIAL DAM 2/	56	42	32	39	35	60	29	30	27	75	82	31	538.3
DIVERSION TO MITTRY LAKE FROM GILA MAIN CANAL	1	1	1	1	1	1	1	1	1	1	1	1	11.2
SUM IMPERIAL DAM + DIVERSION TO MITTRY LAKE	57	43	33	40	36	61	30	31	28	76	83	32	549.4
LAGUNA DAM	58	45	35	38	34	58	30	32	32	84	97	47	588.8

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

RECORDS OF DIVERSIONS, RETURN FLOWS, AND CONSUMPTIVE USE
IN ACCORDANCE WITH ARTICLE V(B) OF THE DECREE OF
THE SUPREME COURT OF THE UNITED STATES IN

ARIZONA v. CALIFORNIA

DATED MARCH 9, 1964

CALENDAR YEAR 1999

The following tabulations for calendar year 1999 show final records of diversions of water from the mainstream of the Colorado River, return flow of such water to the mainstream and consumptive use of such water. The records were furnished by the U.S. Geological Survey, International Boundary and Water Commission, Bureau of Indian Affairs, Bureau of Reclamation (Reclamation), National Park Service, U.S. Fish and Wildlife Service, and water user agencies. Diversions from the All-American Canal and Gila Gravity Main Canal at Imperial Dam were assigned to each user by adding each user's proportional share of the total canal losses to the delivery taken by each user at its turnout from the canal.

The tabulations show quantities of water drawn by surface diversion from the mainstream of the Colorado River or pumped from the mainstream through pumps in mainstream and wells in the Colorado River flood plain and the accounting surface. Diversions are listed in two separate tabulations for each State. The first tabulation lists water users whose diversions are measured and generally reported monthly. Return flows to the mainstream and consumptive use are also listed for points of diversion and return when that information is available.

The second tabulation shows quantities of water pumped from wells in the flood plain of the accounting surface where the amount of water use is generally determined from records of power use. Amounts diverted by pumping were determined as follows: (1) for most electric pumps, diversions were computed on a monthly basis from power records and a "kilowatt hour per acre-foot factor" that was determined by discharge measurement; (2) for pumps other than electric and some electric pumps, a consumptive use factor of 6 acre-feet per irrigated acre of land per year was used.

Consumptive use estimated for individual diverters may be over or under estimated. Reclamation is continuing the development of the Lower Colorado River Accounting System (LCRAS) to refine estimates of consumptive use.

Tabulations for calendar year 1999 include determinations of the unmeasured Colorado River return flows to Lake Mead from Las Vegas Wash which accrue to the State of Nevada and a portion of the unmeasured return flows from the Yuma Mesa which are credited to the State of Arizona.

No person or entity is entitled to divert or use Colorado River water without an entitlement. An entitlement is an authorization to beneficially use Colorado River water pursuant to: (1) a right decreed by the Supreme Court, (2) a contract with the United States through the Secretary of the Interior (Secretary), or (3) a Secretarial reservation of water. The diversions, return flows, or consumptive uses tabulated in this report should not be interpreted as an entitlement or indication that the use is authorized.

DIVERSION, MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1999
STATE OF ARIZONA

07/14/2000

(ACRE-FEET)

WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
LAKE MEAD NAT'L RECREATION, AZ. DIVERSIONS FROM LAKE MEAD (TEMPLE BAR)	DIVERSION RETURNS CONSUMPTIVE USE	5	5	15	9	13	14	13	19	13	12	9	7	134
LAKE MEAD NAT'L RECREATION, AZ. DIVERSIONS FROM LAKE MOHAVE (KATHERINE, WILLOW BEACH)	DIVERSION RETURNS CONSUMPTIVE USE	27	25	55	100	83	85	92	80	89	96	55	91	878
LOWER COLORADO RIVER DAMS PROJECT DIVERSION AT DAVIS DAM	DIVERSION RETURNS CONSUMPTIVE USE	2	1	2	2	2	3	3	2	2	2	1	1	24
		2	1	2	1	2	3	3	2	2	2	1	1	23
		0	0	0	0	0	0	0	0	0	0	0	0	1
BULLHEAD CITY PUMPED FROM WELLS	DIVERSION	431	471	570	598	639	796	826	819	738	687	589	527	7690
DIV. AT DAVIS DAM, MOHAVE CO. PARKS	DIVERSION RETURNS CONSUMPTIVE USE	5	6	11	9	11	14	15	19	15	11	7	4	128
		436	477	581	607	650	810	841	838	753	698	596	531	7818
MOHAVE WATER CONSERVATION DIST. PUMPED FROM WELLS	DIVERSION RETURNS CONSUMPTIVE USE	42	44	45	56	47	54	61	62	64	50	50	50	626
		26	25	30	31	39	41	43	43	38	34	29	27	407
BROOKE WATER, (WAS CONSOLIDATED W U) PUMPED FROM RIVER	DIVERSION RETURNS CONSUMPTIVE USE	26	25	30	31	39	41	43	43	38	34	29	27	407
		26	25	30	31	39	41	43	43	38	34	29	27	407
MOHAVE VALLEY I.D.D. PUMPED FROM WELLS	DIVERSION RETURNS CONSUMPTIVE USE	1498	1517	3577	2934	3322	4648	4102	5036	2815	2429	1789	1314	34981
		1498	1517	3577	2934	3322	4648	4102	5036	2815	2429	1789	1314	34981
FORT MOJAVE INDIAN RESERVATION 14 PUMPS AND WELLS IN FLOOD PLAIN	DIVERSION 2/3/4 RETURNS CONSUMPTIVE USE	2090	6626	7255	5321	7306	8932	9653	10493	8458	5668	4678	3772	80252
		2090	6626	7255	5321	7306	8932	9653	10493	8458	5668	4678	3772	80252
GOLDEN SHORES WATER CONSERVATION DIST PUMPED FROM WELLS	DIVERSION 2/ RETURNS CONSUMPTIVE USE	27	21	37	40	48	59	64	62	48	41	29	28	503
		27	21	37	40	48	59	64	62	48	41	29	28	503
HAVASU NATIONAL WILDLIFE REFUGE INLET-NW NE NW SEC 33 T9N RSSW G&SRM WELL 8N/23E-15Aa (TOPOCK MARSH)	DIVERSION 8/ DIVERSION 2/ RETURNS CONSUMPTIVE USE	282	346	5800	6560	5730	7040	4850	4037	4540	1880	2560	305	43930
		282	346	5800	6560	5730	7040	4850	4037	4540	1880	2560	305	43930
		8	7	11	12	15	18	20	19	15	12	9	9	154
		0	0	0	3160	3960	3830	2670	0	284	2310	22	0	16236
		290	353	5811	3412	1785	3228	2200	4056	4271	-418	2547	314	27848
LAKE HAVASU I.D.D. (CITY) DISTRICT PUMPED FROM WELLS	DIVERSION RETURNS CONSUMPTIVE USE	786	734	983	1029	1286	1442	1380	1299	1280	1335	936	871	13361
		786	734	983	1029	1286	1442	1380	1299	1280	1335	936	871	13361

DIVERSIONS . MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1999
STATE OF ARIZONA

07/14/2000

(ACRE-FEET)

WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
CENTRAL ARIZONA PROJECT PUMPED FROM LAKE HAVASU	DIVERSION	142781	145331	166798	172951	181916	114795	66948	48353	18923	67333	148399	113637	1388165
	RETURNS													
	CONSUMPTIVE USE													
TOWN OF PARKER PUMPED FROM RIVER	DIVERSION	0	0	0	0	0	0	0	0	0	0	0	0	0
1 WELL-NW NW NW SEC 7 T9N R19W G&SRM	DIVERSION 10/	49	45	65	66	95	108	103	105	91	82	65	56	930
	RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
	CONSUMPTIVE USE	49	45	65	66	95	108	103	105	91	82	65	56	930
COLORADO RIVER INDIAN RESERVATION DIVERSION AT HEADGATE ROCK DAM	DIVERSION	22800	33470	58780	50490	68400	68930	65880	67710	46780	42210	28730	31880	586060
1 PUMP (B-04-22,S14 bbd) & TOWN OF PARKER	DIVERSION 4/10/	909	1118	621	1617	1180	1759	2034	1743	606	879	641	342	13449
	RETURNS	16317	16700	21915	22822	26225	24587	25675	23321	21994	20892	19025	16871	256344
	CONSUMPTIVE USE	7392	17888	37486	29285	43355	46102	42239	46132	25392	22197	10346	15351	343165
EHRENBURG IMPROVEMENT ASSN. 1 PUMP SW SEC 3 T3N R22W G&SRM	DIVERSION	32	26	28	38	37	50	44	44	40	38	28	28	434
	RETURNS													
	CONSUMPTIVE USE													
CIBOLA VALLEY IRRIGATION DISTRICT 3 PUMPS SEC'S 20, 21 & 26T1N R23W	DIVERSION	1335	1946	1927	1899	3059	3614	4031	3559	2869	1491	710	483	26920
	RETURNS													
	CONSUMPTIVE USE													
CIBOLA NATIONAL WILDLIFE REFUGE 5 PUMPS IN SEC. 2 & 31 T1S, R23W	DIVERSION	149	143	163	660	967	850	1511	473	918	940	1005	380	8161
	RETURNS													
	CONSUMPTIVE USE													
IMPERIAL NATIONAL WILDLIFE REFUGE 2 WELLS SEC 13 T5S R22W G&SRM	DIVERSION 2/	426	342	582	629	769	933	1018	979	770	645	458	450	8000
	RETURNS													
	CONSUMPTIVE USE													
YUMA PROVING GROUND DIVERSION AT IMPERIAL DAM WELLS W, X, Y, Z	DIVERSION	0	0	0	0	14	0	6	0	0	1	8	0	29
	DIVERSION 2/	41	33	57	61	75	91	99	95	75	63	44	44	778
	RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
	CONSUMPTIVE USE	41	33	57	61	89	91	105	95	75	64	52	44	806
STURGES DIVERSION AT IMPERIAL DAM (WARREN ACT)	DIVERSION	981	671	1400	1039	1653	2171	1843	998	993	782	1178	1311	15020
	RETURNS	65	62	81	73	17	18	-67	49	59	26	73	-65	392
	CONSUMPTIVE USE	916	609	1319	965	1635	2153	1909	949	935	756	1105	1376	14628
WELLTON MOHAWK I. & D. D. DIVERSION AT IMPERIAL DAM	DIVERSION	18797	24696	37718	30258	47815	46626	36737	33061	34083	30148	23033	19929	382902
	GGMC RETURN	1398	2529	2426	2380	561	444	-1499	1814	2242	1112	1595	-1118	13883
	DOME RETURN	342	759	736	443	259	214	365	198	663	1121	870	1018	6989
	MOD RETURN 9/	10450	8660	9650	8790	6880	7470	7220	6670	5240	7970	8150	8150	95300
	RETURNS, TOTAL	12190	11948	12811	11613	7701	8127	6086	8682	8145	10203	10615	8050	116172
	CONSUMPTIVE USE	6606	12749	24907	18645	40114	38499	30651	24379	25938	19946	12418	11879	266730

DIVERSIONS , MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1999
STATE OF ARIZONA

07/14/2000

(ACRE-FEET)

WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
CITY OF YUMA														
DIVERSION AT IMPERIAL DAM (AAC)	DIVERSION	1751	1593	1918	1738	2186	2386	2568	2618	2363	2413	2273	2062	25869
DIVERSION AT IMPERIAL DAM (GILA)	DIVERSION	35	35	47	56	40	50	54	63	65	65	53	16	579
	RETURNS	712	692	779	692	659	677	733	742	760	769	745	819	8779
	CONSUMPTIVE USE	1075	936	1186	1102	1567	1760	1889	1938	1669	1709	1581	1259	17669
MARINE CORPS AIR STATION (YUMA)														
DIVERSION AT IMPERIAL DAM	DIVERSION	68	66	123	117	180	217	233	224	179	145	99	52	1703
	RETURNS													
	CONSUMPTIVE USE													
SOUTHERN PACIFIC COMPANY														
DIVERSION AT IMPERIAL DAM	DIVERSION	4	4	4	4	4	4	4	4	4	4	4	4	48
	RETURNS													
	CONSUMPTIVE USE													
YUMA MESA FRUIT GROWERS ASSN.														
DIVERSION AT IMPERIAL DAM	DIVERSION	1	1	1	1	1	1	1	1	1	1	1	1	12
	RETURNS													
	CONSUMPTIVE USE													
UNIVERSITY OF ARIZONA														
DIVERSION AT IMPERIAL DAM (WARREN ACT)	DIVERSION	78	85	67	91	102	91	120	118	90	92	81	75	1090
	RETURNS													
	CONSUMPTIVE USE													
YUMA UNION HIGH SCHOOL														
DIVERSION AT IMPERIAL DAM	DIVERSION	8	12	11	10	14	16	25	30	26	19	11	9	191
	RETURNS													
	CONSUMPTIVE USE													
CAMILLE, ALEC. JR.														
DIVERSION AT IMPERIAL DAM (WARREN ACT)	DIVERSION	0	0	0	0	0	0	0	0	0	0	0	0	0
	RETURNS													
	CONSUMPTIVE USE													
DESERT LAWN MEMORIAL														
DIVERSION AT IMPERIAL DAM	DIVERSION	17	18	28	39	44	32	28	55	52	45	25	10	394
	RETURNS													
	CONSUMPTIVE USE													
NORTH GILA VALLEY IRRIGATION DISTRICT														
DIVERSION AT IMPERIAL DAM 7/	DIVERSION	2652	2875	3983	4336	5634	5575	3545	2233	3274	3949	3309	2612	43976
	RETURNS	1742	1813	2220	2483	2997	2774	1903	1448	2125	2327	2115	1463	25409
	CONSUMPTIVE USE	910	1061	1763	1852	2637	2801	1642	785	1150	1622	1194	1149	18567
YUMA IRRIGATION DISTRICT														
DIVERSION AT IMPERIAL DAM 7/	DIVERSION	3679	3269	5697	5950	7295	5780	4991	4299	5829	7193	4759	3434	62176
PUMPED FROM PRIVATE WELLS	DIVERSION	78	44	90	82	284	230	221	286	126	234	54	117	1846
	RETURNS	949	970	1376	1518	1278	992	579	1099	1469	1572	1247	382	13432
	CONSUMPTIVE USE	2808	2343	4411	4514	6301	5018	4633	3486	4485	5856	3566	3169	50590
YUMA MESA I. D. D.														
DIVERSION AT IMPERIAL DAM 7/	DIVERSION	11043	10562	17163	16605	22972	25935	26110	28948	23384	15743	14940	12595	226001
	RETURNS	5067	4678	4626	4993	3920	3979	2121	5694	4424	2964	3062	783	46311
	CONSUMPTIVE USE	5977	5884	12537	11612	19052	21956	23990	23254	18960	12779	11878	11812	179690

DIVERSION AND MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
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(ACRE-FEET)

WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
UNIT "B" I. D. D. DIVERSION AT IMPERIAL DAM 7/7E/	DIVERSION	1426	1664	2425	2261	2880	3718	3565	3682	3050	2048	1867	1572	30157
	RETURNS	842	798	764	811	673	691	434	899	686	487	469	189	7743
	CONSUMPTIVE USE	584	865	1661	1451	2207	3027	3131	2782	2364	1561	1398	1383	22414
YUMA COUNTY WATER USERS ASSOCIATION DIVERSION AT IMPERIAL DAM PUMPED FROM WELLS 7E/	DIVERSION	20873	23894	31959	35874	42128	28381	29785	26546	31643	44635	29219	21627	366563
	DIVERSION	188	187	222	217	237	207	517	389	590	678	223	702	4357
	RETURNS	11163	9402	10251	9999	12022	9849	9959	9430	11389	14175	13668	12027	133332
	CONSUMPTIVE USE	9898	14679	21930	26093	30343	18739	20343	17505	20844	31138	15773	10302	237587
COCOPA INDIAN RESERVATION DIVERSION AT IMPERIAL DAM PUMPED FROM WELLS 7E/ PUMPED FROM WELLS, WEST COCOPA	DIVERSION	62	221	309	268	245	361	277	638	687	961	434	435	4897
	DIVERSION	1	2	2	2	1	3	5	9	13	15	3	14	70
	DIVERSION	351	281	479	517	632	767	837	805	633	530	376	370	6579
	RETURNS	-1	5	5	1	1	3	2	4	7	2	6	7	41
	CONSUMPTIVE USE	415	499	785	786	877	1129	1117	1447	1326	1504	808	812	11505
YUMA AREA OFFICE, USBR DIVERSION FROM WELL NO.8	DIVERSION 2/	82	74	82	80	82	80	82	82	80	82	80	82	968
	RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
	CONSUMPTIVE USE	82	74	82	80	82	80	82	82	80	82	80	82	968
PUMPED FROM SOUTH GILA WELLS (DPOC'S)	RETURNS 5/	5999	6355	7088	6927	6537	6057	5188	5978	5675	5830	6200	6389	74223
OTHER USERS PUMPING FROM COLORADO RIVER AND WELLS IN FLOOD PLAIN DAVIS DAM TO INTERNATIONAL BOUNDARY	DIVERSION 6/ RETURNS CONSUMPTIVE USE	1838	2186	2445	2976	3293	3812	4180	3652	3163	2809	2462	2192	35010
ARIZONA TOTALS	11/													
	DIVERSION	237765	264722	353585	347631	412773	340720	278525	253791	199515	238528	275313	223529	3426400
	RETURNS	55047	53425	61917	65094	65993	61588	55285	57349	57018	61557	57248	46917	698440
	CONSUMPTIVE USE	182718	211297	291668	282538	346780	279132	223240	196442	142496	176972	218065	176612	2727960

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.

1/ No surface returns unless shown.

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

3/ Calculated by assuming an annual diversion of 6 ac-ft per irrigated acre.

4/ Calculated using monthly power records.

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

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

6/ Details on Arizona Supplemental Sheets.

DIVERSION OF MAINSTREAM-AVAILABLE RETURN FLOW
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WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
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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:

Item	Annual Totals (Acre-Feet)	
Diversion at Imperial Dam A/	332153	
Pumped from wells	1846	
Surface returns from South Gila Valley (S.Gila Canal Wasteway)	1614 *	
Return flow North Gila Valley (6 drains & wasteways)	7755 *	
Return flow South Gila Valley wells (DPOC's)	74223	
Return flow Yuma Mesa Outlet Drain B/	32581 *	
Return flow protective and regulatory pumping unit C/	3366 *	
Estimated unmeasured groundwater return flow D/	25416	
Return flow share of Gila Main Canal loss E/	14421 *	
Subtotal return flow F/	159375	159375 check from above
Consumptive Use (see note above)	174624	174624 check from above

- (A) Total for the North Gila Valley, The Yuma Irrigation and the Yuma Mesa Irrigation and Drainage Districts, and 'Unit B'.
- (B) Estimated at 85 percent of the Yuma Mesa Outlet Drain with balance credited to 'Unit B'.
- (C) Estimated at 85 percent of Protective and Regulatory Pumping Unit with balance credited to 'Unit B'.
- (D) Estimated at 38 percent of the North Gila Valley Diversion at Imperial Dam plus 14 percent of Yuma Irrigation District diversion at Imperial Dam. (Based on analysis of the USGS Report 83-4220 entitled 'A Method for Estimating Ground-Water Return Flow to the Lower Colorado River in the Yuma Area')
- (E) Diversion*milage weighted share of Gila Main Canal loss less canal surface evaporation (1397 af/yr) and phreatophytes (2154 af/yr).
- (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 underground 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.

8/ Diversion adjusted for delivery to Mohave Valley I. D. D. (Chesney).

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 working to develop a method to separate the different sources of return flow and will apply that methodology when available.

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

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

ARIZONA SUPPLEMENTAL TABULATION
DAVIS DAM TO INTERNATIONAL BOUNDARY
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WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
Marble Canyon Company	1.0	1.0	1.3	1.3	1.7	1.8	1.8	1.8	7.1	2.2	1.7	1.6	24.2
SUBTOTAL, LEE FERRY TO DAVIS DAM 4/	1	1	1	1	2	2	2	2	7	2	2	2	24
Crystal Beach Water Cons. District T4N/R20W Sec7	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	90.0
Havasu Water Co. of AZ (Citizens Utilities)	40.2	46.0	38.4	31.2	33.3	51.6	43.3	48.3	43.1	37.8	32.4	30.4	476.0
SUBTOTALS, DAVIS DAM TO PARKER DAM 4/	48	54	46	39	41	59	51	56	51	45	40	38	566
Hillcrest Water Co.	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.2
Rayner, Jack Jr. (B-04-22)34 DCC(CDD)	200.4	608.4	141.5	467.7	378.9	346.4	923.1	355.2	659.3	131.0	94.1	45.7	4351.7
Rayner, Jack Jr. (B-04-22)34 DCC(DCD)	48.4	19.9	60.9	15.8	17.2	32.7	22.1	46.6	26.5	9.6	19.3	7.6	326.6
Arakelian, George (B-03-22)16 DBD(DAD)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Arakelian, George (B-03-22)16 DBD(DAD) 3/	117.7	94.3	160.7	173.5	212.2	257.2	280.6	270.0	212.2	177.7	126.3	124.3	2208.0
Cibola Sportsman Sec. 31, T1S, R23W, CCB	25.6	20.5	34.9	37.7	46.1	56.0	61.1	58.8	46.2	38.7	27.5	27.0	480.0
Arizona State Parks (Windsor Beach)	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.1	2.6
BLM Permittees (LHFO & YFO)	50.74	52.67	64.85	68.61	94.06	102.66	106.99	103.39	80.51	99.2	71.32	58.75	953.8
SUBTOTALS, PARKER DAM TO IMPERIAL DAM 4/	443	796	463	764	749	795	1394	834	1025	456	339	264	8323
Pratt, L. Sec14 T7S R22W ABC 2/3/	19.2	15.4	26.2	28.3	34.6	41.9	45.8	44.0	34.6	29.0	20.6	20.3	360.0
Dulin, A. (C-8-22) 7DAC	4.3	3.7	3.0	0.2	6.7	51.3	56.1	90.6	42.2	0.0	0.0	19.7	277.8
Dulin, A. (C-8-22) 9CCC	49.1	100.5	233.1	31.8	26.8	76.5	22.1	125.9	231.1	253.1	157.1	352	1659.1
Glen Curtis Cit (C-8-22) 7CCD	0.9	69.4	64.0	97.4	106.3	274.6	369.3	368.2	183.1	413.0	125.7	39.4	2111.3
Glen Curtis Cit (C-8-22) 18CBD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Glen Curtis Cit (C-8-22) 24BDD 2/3/	16.0	12.8	21.8	23.6	28.8	35.0	38.1	36.7	28.8	24.2	17.2	16.9	300.0
Glen Curtis Cit (C-8-22) 24BDD	107.9	161.7	221.3	493.2	420.2	393.1	179.3	373.1	104.0	170.8	410.2	205.1	3239.9
Glen Curtis Cit (C-8-22) 18DDD 2/3/	32.0	25.6	43.7	47.2	57.7	69.9	76.3	73.4	57.7	48.3	34.3	33.8	600.0
Yowelman, R. SEC17 T08S R22W CBC 2/3/	51.2	41.0	69.9	75.5	92.3	111.8	122.0	117.4	92.3	77.3	54.9	54.0	960.0
Cameron Bros. SEC24 T08S R22W CCB 3/	10.5	8.4	14.4	15.5	19.0	23.0	25.1	24.2	19.0	15.9	11.3	11.1	197.6
Ott, Judd T. SEC30 T08S R22W BAB 3/	1.8	1.5	2.5	2.7	3.3	4.0	4.4	4.2	3.3	2.8	2.0	1.9	34.6
Ott, Judd T. (C-8-22) 19CCA 3/	28.6	22.9	39.1	42.2	51.6	62.6	68.3	65.7	51.6	43.3	30.7	30.2	537.3
Cameron Bros. SEC24 T08S R22W CAD	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Ogram, George SEC24 T08S R23W DCC 3/	35.6	28.5	48.6	52.5	64.2	77.8	84.9	81.7	64.2	53.8	38.2	37.6	668.2
Peach SEC22 T08S R23W DCC	43.6	32.7	40.1	0.0	40.9	25.8	65.9	109.9	98.6	0.0	0.0	0.0	457.5
Ogram, George SEC23 T08S R23W CDA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ott, Lee & Larry SEC23 T8S R23W 3/	34.3	27.5	46.8	50.5	61.8	74.9	81.7	78.7	61.8	51.8	36.8	36.2	643.1
Yuucca Pwr Plant SEC36 T16S R12E CBA 3/	41.3	33.1	56.4	60.9	74.5	90.3	98.5	94.8	74.5	62.4	44.3	43.6	775.0
Amigo Farms SEC28 T16S R22E CDA	4.5	4.1	8.1	19.3	15.1	10.1	6.4	0.5	13.7	28.3	5.6	5.0	120.7
Curry Family LTD SEC29 T16S R22E DAC	19.3	19.7	28.7	38.5	28.3	39.9	40.7	2.6	0.0	44.7	12.4	17.7	292.5
Power, R.E. & P. SEC29 T16S R22E BCC 2/3/	151.9	121.7	207.5	224.0	273.9	332.0	362.2	348.6	273.9	229.4	163.0	160.5	2850.0
Hall, Ansil SEC36 T16S R21E CCB 2/3/	23.0	18.4	31.4	34.0	41.5	50.3	54.9	52.8	41.5	34.8	24.7	24.3	432.0
Burrell SEC33 T08S R24W BAB 2/3/	16.0	12.8	21.8	23.6	28.8	35.0	38.1	36.7	28.8	24.2	17.2	16.9	300.0
Cocopah Bend RV SEC30 T16S R22E BDB 2/	18.1	14.5	24.8	26.7	32.7	39.6	43.2	41.6	32.7	27.4	19.4	19.1	340.0
Huerta Packing 16S/21E-25DAA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Huerta Packing 16S/22E-30CDA	34.7	31.1	41.0	115.9	141.5	51.2	2.4	0.0	44.4	79.2	109.2	100.9	751.5
Farmland Mgmt SEC19 T09S R24W BAD	4.2	4.1	1.7	2.0	0.6	0.7	1.2	3.8	0.9	0.0	0.0	0.0	19.2
Farmland Mgmt SEC19 T09S R24W BDD	25.2	0.0	4.9	7.0	2.6	6.9	0.0	3.3	0.8	0.0	0.0	9.4	60.1
Farmland Mgmt SEC19 T09S R24W BDA	14.5	0.0	2.5	4.0	1.5	4.0	0.0	8.5	0.0	0.0	0.0	0.0	35.0

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WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
Waymon Farms	SEC31 T09S R24W BBB	106.1	136.7	55.6	90.8	55.0	132.8	46.0	34.6	62.4	81.7	198.6	127.7	1128.0
Waymon Farms	SEC36 T09S R25W AAA	70.5	118.3	37.0	74.5	59.0	142.9	47.1	38.6	83.8	94.4	121.0	90.8	977.9
W. Brand-D. Donnelly	(C-9-25) 35ABA	2/3/	33.6	26.9	45.9	49.5	60.5	73.4	80.1	77.0	60.5	50.7	36.0	630.0
J W Cumings	(C-10-25) 1BBA		76.2	55.5	83.6	63.5	165.0	139.5	76.2	0.0	131.9	97.4	137.3	1026.3
P. Sibley	(C-10-25) 2CDA	2/3/	103.9	83.3	142.0	153.3	187.4	227.2	247.8	238.5	187.4	157.0	111.5	1099.8
J W Cumings	(C-10-25) 14ADB		34.7	23.3	62.1	25.8	15.2	65.3	59.5	32.4	0.0	0.0	0.0	318.3
C & J Cummings	(C-10-25) 26BAB	2/3/	25.6	20.5	34.9	37.7	46.1	55.9	61.0	58.7	46.1	38.6	27.5	480.0
J. Barkley	(C-10-25) 25CBA	2/3/	25.6	20.5	34.9	37.7	46.1	55.9	61.0	58.7	46.1	38.6	27.5	480.0
Brown, Roger S.	(C-11-25) 2BBA		55.9	27.1	96.5	105.8	113.3	52.4	109.8	11.7	10.2	0.0	126.5	717.9
Hughes, Earl	(C-11-25) 3DAC		25.5	11.6	38.9	16.5	97.7	28.6	57.6	22.5	0.0	0.0	68.3	367.2
SUBTOTALS, BELOW IMPERIAL DAM		4/	1346	1335	1935	2172	2501	2956	2733	2760	2080	2306	2081	26098
*** Total Arizona Supplemental Tabulation***		4/	1838	2186	2445	2976	3293	3812	4180	3652	3163	2809	2462	35010

1/ Calculated from monthly power records and power-discharge measurements where available, else from power-discharge rate.

2/ Calculated by assuming an annual diversion rate of 6 ac-ft per acre.

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

4/ Values rounded to the nearest whole number, grand total rounded to 10 AF

DIVERSION AND MAINSTREAM-AVAILABLE RETURN FLOW
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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 PUMPED FROM RIVER AND WELLS	DIVERSION	8.0	6.4	10.9	11.8	14.4	17.4	19.0	18.3	14.4	12.0	8.6	8.4	150
	DIVERSION 4/ RETURNS	1652	1086	1504	2607	2213	2637	2820	2289	2385	1130	117	519	20959
	CONSUMPTIVE USE													
CITY OF NEEDLES 4 WELLS NW SW SEC 29 T9N R23E SBM	DIVERSION	137.9	110.5	188.4	203.4	248.7	301.7	329.1	316.7	248.9	208.6	148.0	145.7	2588
	RETURNS 9/ CONSUMPTIVE USE	73.5	58.9	100.4	108.4	132.5	160.8	175.4	168.8	132.7	111.1	78.9	77.6	1379
	CONSUMPTIVE USE	64	52	88	95	116	141	154	148	116	97	69	68	1209
CHEMEHUEVI INDIAN RESERVATION PUMPED FROM RIVER AND WELLS	DIVERSION 7/ RETURNS	10	3	19	25	25	20	42	32	29	26	19	14	265
	CONSUMPTIVE USE													
METROPOLITAN WATER DISTRICT DIVERSION FROM LAKE HAVASU	DIVERSION	80553	65865	95155	105639	110370	107321	112179	109171	108242	106749	102703	111277	1215224
	RETURNS 2/ CONSUMPTIVE USE	258	227	260	261	268	241	264	261	248	285	286	298	3157
	CONSUMPTIVE USE	80295	65638	94895	105378	110102	107080	111915	108910	107994	106464	102417	110979	1212067
PARKER DAM AND GOVERNMENT CAMP DIVERSION AT PARKER DAM	DIVERSION	7	4	9	8	8	12	18	24	17	17	11	7	141
	RETURNS CONSUMPTIVE USE	1	1	1	1	0	0	1	1	1	0	1	1	7
	CONSUMPTIVE USE	6	3	8	7	8	12	18	24	16	16	10	6	134
COLORADO RIVER INDIAN RESERVATION PUMPED FROM 11 PUMPS AND WELLS 4 PUMPS BIG RIVER	DIVERSION 4/ DIVERSION 4/6/ RETURNS	83	260	358	404	389	776	540	761	253	193	33	66	4117
	CONSUMPTIVE USE	89	71	122	131	161	195	213	205	161	135	96	94	1671
	CONSUMPTIVE USE	172	331	479	536	550	970	753	966	414	328	129	160	5788
CITY OF WINTERHAVEN 1 WELL SE NE NE SEC 27 T16S R22E SBM	DIVERSION 6/ RETURNS	7	5	9	10	12	14	16	15	12	10	7	7	124
	CONSUMPTIVE USE													
PALO VERDE IRRIGATION DISTRICT DIVERSION FROM PALO VERDE DAM	DIVERSION	37990	56950	74980	75720	101700	103800	108900	110500	83490	70250	55750	58840	938870
	RETURNS CONSUMPTIVE USE	29153	31171	36760	36105	39992	40927	42351	44848	42690	43322	41007	41657	469982
	CONSUMPTIVE USE	8837	25779	38220	39615	61708	62873	66549	65652	40800	26928	14744	17183	468888
YUMA PROJECT, RES. DIV. INDIAN UNIT DIVERSION AT IMPERIAL DAM	DIVERSION	2288	2221	3575	3493	3973	1122	1492	2178	1549	3367	3485	2610	31350
	RETURNS CONSUMPTIVE USE	-16	32	36	6	15	5	7	11	9	4	31	29	168
	CONSUMPTIVE USE	2304	2189	3539	3487	3958	1116	1485	2167	1540	3363	3453	2581	31182
YUMA PROJECT, RES. DIV. BARD UNIT DIVERSION AT IMPERIAL DAM	DIVERSION	2159	3076	4108	5189	6592	6041	4045	3443	3134	4998	3515	2501	48800
	RETURNS CONSUMPTIVE USE	-10	31	29	6	16	19	14	11	14	4	23	23	180
	CONSUMPTIVE USE	2169	3045	4078	5183	6576	6021	4031	3432	3119	4995	3492	2478	48620
RETURNS FROM YUMA PROJECT RESERVATION DIVISION RETURNS SUM YUMA PROJECTS, RES. DIV. USE	RETURNS 3/ CONSUMPTIVE USE	3607	3127	3236	2733	3128	2968	2609	3020	3223	3145	3295	3292	37383
	CONSUMPTIVE USE	865.44	2106.9	4381.3	5937.1	7406.9	4169.8	2906.4	2579.1	1436	5212.7	3650.6	1767	42419

DIVERSION , MAINSTREAM-AVAILABLE RETURN FLOW
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WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
IMPERIAL IRRIGATION DISTRICT														
DIVERSION AT IMPERIAL DAM	DIVERSION	162424	179396	295697	311262	345060	331740	314024	297691	256977	265479	194930	167800	3122480
	RETURNS	-2392	5365	6212	1036	2503	3244	3175	2869	3431	595	3576	3885	33501
	CONSUMPTIVE USE	164816	174031	289486	310225	342556	328496	310850	294821	253546	264884	191354	163915	3088980
COACHELLA VALLEY WATER DISTRICT														
DIVERSION AT IMPERIAL DAM	DIVERSION	17282	18711	28134	29962	35709	34618	35483	34600	30588	26141	25979	20302	337509
	RETURNS	-254	560	591	100	259	339	359	334	408	59	477	470	3699
	CONSUMPTIVE USE	17536	18151	27543	29862	35450	34279	35125	34267	30179	26083	25502	19832	333810
OTHER USERS PUMPING FROM COLORADO RIVER AND WELLS IN FLOOD PLAIN DAVIS DAM TO INTERNATIONAL BOUNDARY	DIVERSION 5/ RETURNS CONSUMPTIVE USE	1023 	912 	1343 	1599 	1886 	2259 	2547 	2347 	1906 	1528 	1213 	1024 	19590
CALIFORNIA TOTALS	10/ DIVERSION RETURNS CONSUMPTIVE USE WATER MANAGEMENT ACCT. CREDITS TOTAL USE	305712 30420 275291 0 275291	328676 40572 288104 0 288104	505211 47225 457987 0 457987	536264 40356 495909 0 495909	608361 46314 562047 0 562047	590874 47905 542969 0 542969	582668 48954 533713 0 533713	563591 51523 512068 0 512068	489006 50157 438849 0 438849	480244 47525 432719 0 432719	388014 48773 339240 0 339240	365216 49732 315484 0 315484	5743840 549460 5194380 0 5194380
WATER CONSERVATION PROGRAM														
IMPERIAL I. D./METROPOLITAN W. D. CONSERVED WATER 8/		9042	9042	9042	9042	9042	9042	9042	9042	9042	9042	9040	9040	108500

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.

1/ No surface returns unless shown.

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

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.

4/ Calculated using monthly power records.

5/ Details on California Supplemental Sheets.

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

7/ Calculated by assuming an annual diversion of 6 ac-ft per irrigated acre.

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

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

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

CALIFORNIA SUPPLEMENTAL TABULATION
DAVIS DAM TO INTERNATIONAL BOUNDARY
CALENDAR YEAR 1999
STATE OF CALIFORNIA

07/14/2000

(ACRE-FEET)

WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/	
Ida Cal	11N/22W -31BAB	21.4	9.4	11.1	44.5	14.0	28.2	55.9	17.4	21.2	14.8	8.4	0.0	246.3	
Ida Cal	11N/21E -36ADD	0.0	86.7	7.4	105.3	112.2	64.4	126.1	105.9	117.6	50.5	89.9	0.0	866	
Ida Cal	11N/21E -36CDA	27.1	20.5	20.7	47.8	49.7	55.0	70.7	28.8	20.2	24.9	65.6	11.6	442.6	
Southern Cal Gas	09N/23E -29DCA	4/	1.7	1.1	1.4	1.6	8.8	13.5	17.4	16.9	9.5	9.6	3.1	1.2	85.7
Pacific Gas & Electric			0.0	2.3	0.0	0.0	0.0	4.6	2.4	0.0	0.0	0.0	0.0	9.3	
Havasu Water Company	T5N/R25E SEC31		40.2	46.0	35.3	31.2	33.3	51.6	43.3	48.3	43.1	37.8	32.4	30.4	472.9549
SUBTOTALS, DAVIS DAM TO PARKER DAM		5/	90	166	76	230	218	217	316	217	212	138	199	43	2123
Lye, C. L.	1S/24E -16Gb	2/4/	11.5	5.8	9.9	10.3	6.9	8.1	18.2	15.6	18.5	9.5	14.3	9.8	138.4
Picacho Development Corp			4.7	0.3	1.0	4.6	6.1	8.2	10.9	10.1	7.3	4.9	8.4	5.5	72.0
BLM Permittees (LHFO & YFO)		3/	24.0	25.2	36.6	37.6	46.0	74.4	72.4	56.3	59.2	27.1	33.1	23.2	515.1
SUBTOTALS, PARKER DAM TO IMPERIAL DAM		5/	40	31	48	53	59	91	102	82	85	42	56	38	725
Valdez, Mike	SEC35 T15S R23E DDC	2/4/	19.6	15.7	26.7	28.9	35.3	42.8	46.7	44.9	35.3	29.6	21.0	20.7	367.3
Living Earth Frm	SEC02 T16S R23E BBC	4/	1.8	1.5	2.5	2.7	3.3	4.0	4.4	4.2	3.3	2.8	2.0	1.9	34.3
Valdez, Mike	SEC22 T16S R23E BDD		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Power, Pete	SEC14 T16S R23E CCB	2/4/	108.7	87.1	148.5	160.3	196.0	237.7	259.3	249.5	196.0	164.2	116.7	114.9	2040.0
Harp, P. (R. Harp)	(C-8-23)13AAD	2/4/	32.0	25.6	43.7	47.2	57.7	69.9	76.3	73.4	57.7	48.3	34.3	33.8	600.0
Horizon Farms	(C-8-22) 6CDA	4/	181.0	145.0	247.2	266.9	326.3	395.6	431.6	415.3	326.3	273.4	194.2	191.2	3395.9
Horizon Farms	(C-8-22) 7BAB	4/	45.9	36.8	62.7	67.7	82.8	100.4	109.5	105.3	82.8	69.3	49.3	48.5	861.4
Horizon Farms	(C-10-22) 7ABD	4/	12.0	9.6	16.4	17.7	21.6	26.2	28.6	27.5	21.6	18.1	12.9	12.7	225.0
Horizon Farms	(C-10-22) 6DCB	4/	12.0	9.6	16.4	17.7	21.6	26.2	28.6	27.5	21.6	18.1	12.9	12.7	225.0
Horizon Farms	(C-8-22) 6BBB	2/4/	12.0	9.6	16.4	17.7	21.6	26.2	28.6	27.5	21.6	18.1	12.9	12.7	225.0
Horizon Farms	(C-8-22) 6BCD	4/	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Horizon Farms	(C-8-22) 6CBA	4/	41.2	33.0	56.2	60.7	74.2	90.0	98.2	94.5	74.2	62.2	44.2	43.5	772.6
Horizon Farms	(C-10-22) 6CBB	4/	12.0	9.6	16.4	17.7	21.6	26.2	28.6	27.5	21.6	18.1	12.9	12.7	225.0
MivCo Packing	(C-16-23) 9CCA	4/	60.0	48.1	82.0	88.5	108.2	131.1	143.1	137.7	108.2	90.6	64.4	63.4	1125.7
Horizon Farms	(C-8-22) 1BBA	4/	8.6	6.9	11.7	12.6	15.4	18.7	20.4	19.6	15.4	12.9	9.2	9.0	160.6
Ed Wavers Farms	(C-8-23) 1BAD	4/	41.4	33.1	56.5	61.0	74.6	90.4	98.6	94.9	74.6	62.5	44.4	43.7	775.8
Living Earth Fm	(C-8-23) 2ADC	4/	6.1	4.9	8.4	9.0	11.1	13.4	14.6	14.1	11.1	9.3	6.6	6.5	115.1
Land, K. H.	(C-8-23) 2DDA	4/	40.6	32.5	55.5	59.9	73.2	88.7	96.8	93.2	73.2	61.3	43.6	42.9	761.7
Wilson Farms	(C-8-23) 12BBA	4/	2.2	1.7	3.0	3.2	3.9	4.8	5.2	5.0	3.9	3.3	2.3	2.3	40.9
Horizon Farms	(C-8-23) 1DCC	4/	45.1	36.1	61.6	66.5	81.3	98.5	107.5	103.4	81.3	68.1	48.4	47.6	845.7
Dees, Alex	(C-8-23) 1DAC	4/	111.8	89.5	152.7	164.8	201.5	244.3	266.5	256.5	201.5	168.8	120.0	118.1	2097.1
Harp, Robert	(C-8-23) 12DAC	2/4/	9.6	7.7	13.1	14.1	17.3	21.0	22.9	22.0	17.3	14.5	10.3	10.1	180.0
Horizon Farms	(C-8-23) 12AAC	4/	60.2	48.3	82.3	88.8	108.6	131.7	143.7	138.2	108.6	91.0	64.7	63.6	1130.3
Horizon Farms	(C-8-23) 12CDB	4/	9.4	7.5	12.8	13.9	16.9	20.5	22.4	21.6	16.9	14.2	10.1	9.9	176.3
Power, O. L.	(C-8-23) 11DCA	4/	6.2	5.0	8.5	9.2	11.2	13.6	14.8	14.3	11.2	9.4	6.7	6.6	116.6
Valdez, Mike	T16S R23E SEC 30ACC		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Valdez, Mike	T16S R23E SEC 30ADD		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Unknown, I.D.	16S-22E 29DAD	2/4/	12.8	10.2	17.5	18.9	23.1	28.0	30.5	29.4	23.1	19.3	13.7	13.5	240.0
Wetmore, Kenneth C.		2/3/4/	0.3	0.2	0.4	0.4	0.5	0.6	0.7	0.7	0.5	0.4	0.3	0.3	5.4
Williams, Jerry		3/	0.0	0.1	0.0	0.0	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	1.1
Lindeman, William H. & Hazel D.		3/	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Carney, Jerome D.		3/4/	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.5
Phillips, Dorothy L.		3/4/	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	1.8
SUBTOTALS, BELOW IMPERIAL DAM		5/	893	715	1219	1316	1609	1951	2129	2048	1609	1348	958	943	16746

CALIFORNIA SUPPLEMENTAL TABULATION
DAVIS DAM TO INTERNATIONAL BOUNDARY
CALENDAR YEAR 1999
STATE OF CALIFORNIA

07/14/2000

(ACRE-FEET)

WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
*** Total California Supplemental Tabulation ***	5/	1023	912	1343	1599	1886	2259	2547	2347	1906	1528	1213	1024	19590

1/ Calculated from monthly power records and power-discharge measurements where available, else from power-discharge rate.

2/ Calculated by assuming an annual diversion rate of 6 ac-ft per acre.

3/ Location of well/pump not reported.

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

5/ Values rounded to the nearest whole number, grand total rounded to 10 AF.

DIVERSION / MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1999
STATE OF NEVADA

07/14/2000

(ACRE-FEET)

WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
BOULDER CANYON PROJECT DIVERSION AT HOOVER DAM	DIVERSION	10	4	12	12	14	15	11	11	10	8	4	5	116
	RETURNS	2	2	3	3	3	4	4	3	2	3	3	3	35
	CONSUMPTIVE USE	8	2	9	8	11	11	7	8	8	6	1	2	81
ROBERT B. GRIFFITH WATER PROJECT DIVERSION AT SADDLE ISLAND, LAKE MEAD BY USER: BOULDER CITY 4/ LAS VEGAS VALLEY W.D. 4/ HENDERSON 4/ NORTH LAS VEGAS 4/ NELLIS AIR FORCE BASE 4/	DIVERSION	28820	27320	33558	33695	39876	35169	36267	35778	32214	40899	34769	31108	409473
		470	431	627	604	834	935	1046	1026	888	881	650	592	8985
		23226	22047	26118	26060	30367	25365	25239	24394	22236	31332	27603	25089	309077
		2740	2684	3702	3838	4995	5446	6227	6295	5417	4752	3462	2866	52423
		2281	2108	2953	3027	3460	3199	3510	3744	3389	3700	2893	2443	36706
		103	50	159	167	220	224	245	319	284	234	161	118	2282
LAKE MEAD NATIONAL RECREATION AREA DIVERSIONS FROM LAKE MEAD	RETURNS CONSUMPTIVE USE													
	DIVERSION	56	58	63	54	82	87	86	101	91	83	98	37	896
LAKE MEAD NATIONAL RECREATION AREA DIVERSION FROM LAKE MOHAVE (COTTONWOOD)	RETURNS CONSUMPTIVE USE													
	DIVERSION	25	17	27	23	27	23	40	31	27	29	22	17	308
BASIC MANAGEMENT INC. DIVERSION AT SADDLE ISLAND, LAKE MEAD	RETURNS CONSUMPTIVE USE													
	DIVERSION	421	395	397	371	482	450	568	565	516	456	441	427	5489
CITY OF HENDERSON DIVERSION AT SADDLE ISLAND, LAKE MEAD	RETURNS CONSUMPTIVE USE													
	DIVERSION	532	311	575	737	953	1224	1401	1321	1200	1268	1263	917	11702
NEVADA DEPARTMENT OF FISH & GAME DIVERSION AT SADDLE ISLAND, LAKE MEAD	DIVERSION	477	403	463	452	469	460	474	473	445	459	426	423	5424
	RETURNS	476	402	462	451	468	459	473	472	444	458	425	422	5412
	CONSUMPTIVE USE	1	1	1	1	1	1	1	1	1	1	1	1	12
CITY OF BOULDER CITY DIVERSION AT HOOVER DAM	RETURNS CONSUMPTIVE USE													
	DIVERSION	5	8	11	16	18	22	20	26	21	18	8	6	179
PACIFIC COAST BUILDING PRODUCTS INC. DIVERSION AT GYPSUM WASH, LAKE MEAD	RETURNS CONSUMPTIVE USE													
	DIVERSION	60	57	65	63	62	70	59	66	65	71	71	67	776
SOUTHERN NEVADA WATER AUTHORITY (SCE) PUMPED FROM SEC 24 T32S R66E MDB&M	RETURNS CONSUMPTIVE USE													
	DIVERSION	793	727	766	663	877	1170	1334	1475	1263	1129	1024	928	12148
BIG BEND WATER DISTRICT DIVERSION SEC 12 T32S R66E MDB&M	DIVERSION	348	339	431	409	459	468	496	523	464	471	388	366	5162
	RETURNS	229	220	257	255	261	247	278	296	270	262	229	196	3000
	CONSUMPTIVE USE	119	119	174	154	198	221	218	227	194	209	159	170	2162

DIVERSION: MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1999
STATE OF NEVADA

07/14/2000

(ACRE-FEET)

WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
FORT MOJAVE INDIAN RESERVATION (Avi) 2 WELLS, SECTIONS 27 & 5	DIVERSION RETURNS CONSUMPTIVE USE	261	209	356	385	470	571	623	599	471	394	280	276	4894
LAS VEGAS WASH RETURN FLOWS	RETURNS 2/	13972	12489	13828	14496	12174	12009	18551	10275	9121	12354	12865	14859	156993
OTHER USERS PUMPING FROM COLORADO RIVER AND WELLS IN FLOOD PLAIN DAVIS DAM TO CALIFORNIA BOUNDARY	DIVERSION 3/ RETURNS CONSUMPTIVE USE	0	0	1	1	1	1	1	1	1	1	0	0	18
NEVADA TOTALS	5/ DIVERSION RETURNS CONSUMPTIVE USE	31808	29848	36725	36880	43790	39730	41380	40970	36787	45287	38794	34577	456570
		14679	13113	14550	15205	12906	12719	19306	11046	9837	13077	13522	15480	165440
		17129	16735	22175	21675	30884	27011	22073	29924	26950	32210	25272	19097	291130
GROUNDWATER INJECTED STORAGE	6/													
LAS VEGAS VALLEY WATER DIST.	INJECTED WITHDRAWN	6435 0	5723 0	3628 0	2301 0	1277 0	0 0	0 0	0 0	0 0	2620 0	5094 0	4983 0	32061 0
CITY OF NORTH LAS VEGAS	INJECTED WITHDRAWN	86 0	64 0	54 0	36 0	3 0	0 0	0 0	0 0	0 0	7 0	40 0	9 0	299 0

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.

1/ No surface returns unless shown.

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

3/ Details on Nevada Supplemental Sheets.

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

5/ Annual Totals are rounded to the nearest 10 AF.

6/ Nevada Injected Storage Balance:

Beginning of Year Cumulative Injected Storage	170,247
Plus Current Year Additions	32,360
Minus Current Year Withdrawals	0
End of Year Cumulative Injected Storage	202,607

NEVADA SUPPLEMENTAL TABULATION
DAVIS DAM TO INTERNATIONAL BOUNDARY
CALENDAR YEAR 1999
STATE OF NEVADA

07/14/2000

(ACRE-FEET)

WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
Sportsman's Park	2/	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	11.6
Boy Scouts of America	SEC5 T33S R66E 2/	0.3	0.3	0.5	0.5	0.6	0.8	0.8	0.8	0.6	0.5	0.4	0.4	6.6
*** Total Nevada Supplemental Tabulation ***		3/	0	0	1	1	1	1	1	1	1	0	0	18

1/ Calculated from monthly power records and power-discharge measurements where available, otherwise from power-discharge rate.

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

3/ Values rounded to the nearest whole number.

RECORDS OF RELEASES OF MAINSTREAM WATER PURSUANT TO
ORDERS BUT NOT DIVERTED BY PARTY ORDERING SAME
AND QUANTITY OF SUCH WATER DELIVERED TO MEXICO IN
SATISFACTION OF MEXICAN TREATY OR DIVERTED BY OTHERS
IN ACCORDANCE WITH ARTICLE V(C) OF THE
DECREE OF THE SUPREME COURT OF
THE UNITED STATES IN
ARIZONA v. CALIFORNIA DATED MARCH 9, 1964

CALENDAR YEAR 1999

The following tabulations for calendar year 1999 show records of releases of mainstream water pursuant to orders thereto, but not diverted by the party ordering the same, and the quantity of such water delivered to Mexico in satisfaction of the Mexican Treaty or diverted by others in satisfaction of decreed rights. Also shown are quantities of such rejected water delivered to Mexico in excess of treaty requirements and quantities delivered to storage. The quantities delivered to storage were available to release for future use.

Water ordered but not diverted was analyzed daily for each diverter as the positive difference between the finally approved daily order and the mean daily delivery requested on the day the diversion was made. The monthly quantities shown on the tabulations are the sum of the daily positive quantities. Final approval of daily orders was given in advance of the delivery date by the amount of travel time involved in conveying the water from the storage point to the diversion point on the mainstream. To the extent possible, "water ordered but not diverted" was delivered to others in satisfaction of their rights. The quantities of such deliveries are shown on the tabulation.

Deliveries of water to Mexico in satisfaction of the Mexican Treaty were scheduled based on Mexico's daily orders. Releases from storage were scheduled in sufficient quantities, which when added to return flows, would meet Mexico's daily orders. Deliveries of water to Mexico in satisfaction of the treaty, therefore, were considered to have been made entirely from releases from storage and from return flows scheduled for that purpose and not from water ordered but not diverted by other Colorado River water users. Therefore, the tabulations show no "water ordered but not diverted" as being delivered to Mexico in satisfaction of the treaty.

To date, no daily orders are received for diversion from the Colorado River in Nevada so no sheet is included for Nevada. The storage capacity of Lake Mead is so large in relation to the present daily diversions from the reservoir by Nevada that any "water ordered but not diverted" would be retained for future use and would have no significant effect on scheduling of daily operations of the reservoir.

RELEASE OF MAINSTREAM WATER PURSUANT TO ORDERS
 BUT NOT DIVERTED BY PARTY ORDERING SAME
 AND
 QUANTITY OF SUCH WATER DELIVERED TO MEXICO IN SATISFACTION OF MEXICAN TREATY OR DIVERTED BY OTHERS
 CALENDAR YEAR 1999
 STATE OF ARIZONA

07/14/2000

(ACRE-FEET)

WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
CENTRAL ARIZONA PROJECT, DIVERSION AT LAKE HAVASU													
ORDERED BUT NOT DIVERTED	2029	5433	15231	3447	3370	16158	1724	6188	302	2935	9362	3852	70031
DELIVERED TO MEXICO IN													
SATISFACTION OF TREATY													
DIVERTED BY OTHERS													
DELIVERED TO STORAGE 2/	2029	5433	15231	3447	3370	16158	1724	6188	302	2935	9362	3852	70031
DELIVERED TO MEXICO IN													
EXCESS OF TREATY	0	0	0	0	0	0	0	0	0	0	0	0	0
COLO. RIVER INDIAN RESERVATION, DIVERSION AT HEADGATE ROCK													
ORDERED BUT NOT DIVERTED	1898	1039	1775	1611	3237	3392	1954	1664	1646	1597	1020	375	21208
DELIVERED TO MEXICO IN													
SATISFACTION OF TREATY													
DIVERTED BY OTHERS	1541	593	315	1029	1464	1063	664	1071	791	918	351	212	10012
DELIVERED TO STORAGE 2/	357	446	1460	581	1773	2329	1289	593	855	678	668	163	11192
DELIVERED TO MEXICO IN													
EXCESS OF TREATY	0	0	0	1	0	0	1	0	0	1	1	0	4
NORTH GILA VALLEY I.D., DIVERSION AT IMPERIAL DAM													
ORDERED BUT NOT DIVERTED	1224	1303	1194	1535	2263	1666	2370	787	1305	2346	1547	1363	18903
DELIVERED TO MEXICO IN													
SATISFACTION OF TREATY													
DIVERTED BY OTHERS	464	492	424	710	1640	968	678	305	375	488	282	452	7278
DELIVERED TO STORAGE 2/	760	811	770	825	623	698	1692	482	930	1859	1265	910	11625
DELIVERED TO MEXICO IN													
EXCESS OF TREATY	0	0	0	0	0	0	0	0	0	-1	0	1	0
STURGES (WARREN ACT), GILA PROJECT DISTRICTS													
DIVERSION AT IMPERIAL DAM 1/													
ORDERED BUT NOT DIVERTED	0	0	0	0	0	0	0	0	0	0	0	0	0
DELIVERED TO MEXICO IN													
SATISFACTION OF TREATY													
DIVERTED BY OTHERS	0	0	0	0	0	0	0	0	0	0	0	0	0
DELIVERED TO STORAGE 2/	0	0	0	0	0	0	0	0	0	0	0	0	0
DELIVERED TO MEXICO IN													
EXCESS OF TREATY	0	0	0	0	0	0	0	0	0	0	0	0	0
WELLTON-MOHAWK I. & D. DISTRICT, DIVERSION AT IMPERIAL DAM													
ORDERED BUT NOT DIVERTED	3223	2196	4080	3882	2083	2944	9049	4653	6772	5714	9088	4812	58496
DELIVERED TO MEXICO IN													
SATISFACTION OF TREATY													
DIVERTED BY OTHERS	538	250	823	397	581	956	1886	1335	1085	799	1129	879	10658
DELIVERED TO STORAGE 2/	2686	1946	3257	3485	1502	1987	7162	3318	5687	4915	7960	3933	47838
DELIVERED TO MEXICO IN													
EXCESS OF TREATY	-1	0	0	0	0	1	1	0	0	0	-1	0	0

RELEASE OF MAINSTREAM WATER PURSUANT TO ORDERS
BUT NOT DIVERTED BY PARTY ORDERING SAME
AND
QUANTITY OF SUCH WATER DELIVERED TO MEXICO IN SATISFACTION OF MEXICAN TREATY OR DIVERTED BY OTHERS
CALENDAR YEAR 1999
STATE OF ARIZONA

07/14/2000

(ACRE-FEET)

WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
YUMA IRRIGATION DISTRICT, DIVERSION AT IMPERIAL DAM													
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	111	541	190	603	260	212	353	250	478	599	387	232	4216
DIVERTED BY OTHERS	28	149	75	173	202	141	115	81	65	48	30	54	1161
DELIVERED TO STORAGE 2/	83	393	115	430	58	71	238	169	413	551	357	179	3057
DELIVERED TO MEXICO IN EXCESS OF TREATY	0	-1	0	0	0	0	0	0	0	0	0	-1	-2
YUMA MESA I.& D. DISTRICT, DIVERSION AT IMPERIAL DAM													
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	1952	2112	2152	2969	3463	2460	1868	1920	4376	2559	2793	3068	31692
DIVERTED BY OTHERS	506	797	373	1232	1244	875	397	480	837	284	222	543	7790
DELIVERED TO STORAGE 2/	1446	1315	1779	1738	2220	1585	1472	1440	3539	2275	2571	2525	23905
DELIVERED TO MEXICO IN EXCESS OF TREATY	0	0	0	-1	-1	0	-1	0	0	0	0	0	-3
UNIT "B" I.& D. DISTRICT, DIVERSION AT IMPERIAL DAM													
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	321	155	266	262	133	319	303	296	236	365	444	282	3382
DIVERTED BY OTHERS	46	67	50	145	52	101	32	38	36	58	48	103	776
DELIVERED TO STORAGE 2/	276	87	216	117	81	218	272	258	200	307	397	179	2608
DELIVERED TO MEXICO IN EXCESS OF TREATY	-1	1	0	0	0	0	-1	0	0	0	-1	0	-2
YUMA COUNTY WATER USERS ASSN., DIVERSION AT IMPERIAL DAM													
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	4140	4019	5266	6595	5469	2091	4211	1777	2454	3346	5574	4949	49891
DIVERTED BY OTHERS	3310	1803	1416	1722	2077	264	1238	863	928	1934	2339	3164	21058
DELIVERED TO STORAGE 2/	829	2216	3850	4873	3392	1827	2973	914	1525	1412	3235	1785	28831
DELIVERED TO MEXICO IN EXCESS OF TREATY	1	0	0	0	0	0	0	0	1	0	0	0	2
ARIZONA TOTALS													
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	14898	16798	30154	20904	20278	29242	21832	17535	17569	19461	30215	18933	257819
DIVERTED BY OTHERS	6433	4151	3476	5408	7260	4368	5010	4173	4117	4529	4401	5407	58733
DELIVERED TO STORAGE 2/	8466	12647	26678	15496	13019	24873	16822	13362	13451	14932	25815	13526	199087
DELIVERED TO MEXICO IN EXCESS OF TREATY	-1	0	0	0	-1	1	0	0	1	0	-1	0	-1

1/ No order received.

2/ Available for future use.

RELEASE OF MAINSTREAM WATER PURSUANT TO ORDERS
 BUT NOT DIVERTED BY PERSONS ORDERING SAME
 AND
 QUANTITY OF SUCH WATER DELIVERED TO MEXICO IN SATISFACTION OF MEXICAN TREATY OR DIVERTED BY OTHERS
 CALENDAR YEAR 1999
 STATE OF CALIFORNIA

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(ACRE-FEET)

WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
METROPOLITAN WATER DISTRICT, DIVERSION AT LAKE HAVASU ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	7300	3700	1700	3800	500	1700	300	1100	4600	5600	5000	1300	36600
DIVERTED BY OTHERS DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY	7300	3700	1700	3800	500	1700	300	1100	4600	5600	5000	1300	36600
EXCESS OF TREATY	0	0	0	0	0	0	0	0	0	0	0	0	0
PALO VERDE IRRIGATION DISTRICT, DIVERSION AT PALO VERDE DAM ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	4842	837	3025	1811	3570	5008	4245	456	5161	2154	2844	2491	36444
DIVERTED BY OTHERS DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY	1579	589	500	403	1402	1892	1658	157	2469	1315	1626	1315	14905
EXCESS OF TREATY	3263	248	2525	1408	2168	3116	2586	300	2692	839	1218	1176	21539
EXCESS OF TREATY	0	0	0	0	0	0	1	-1	0	0	0	0	0
YUMA PROJECT RESV. DIVISION, DIVERSION AT IMPERIAL DAM ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	2164	2233	2842	2444	1894	3929	3092	1158	2146	700	2951	3021	28574
DIVERTED BY OTHERS DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY	1742	1224	797	430	536	1228	1426	861	863	468	1805	1960	13340
EXCESS OF TREATY	422	1010	2045	2013	1359	2702	1666	298	1283	232	1146	1061	15237
EXCESS OF TREATY	0	-1	0	1	-1	-1	0	-1	0	0	0	0	-3
IMPERIAL IRRIGATION DISTRICT, DIVERSION AT IMPERIAL DAM ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	1498	8039	4552	17687	8954	5621	17717	1432	6819	2216	5724	9612	89871
DIVERTED BY OTHERS DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY	365	1813	849	2541	1700	1402	1676	758	196	95	230	1593	13218
EXCESS OF TREATY	1133	6226	3703	15146	7254	4219	16041	674	6623	2120	5494	8019	76652
EXCESS OF TREATY	0	0	0	0	0	0	0	0	0	1	0	0	1
COACHELLA VALLEY WATER DIST., DIVERSION AT IMPERIAL DAM ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	978	795	1105	1359	1182	766	623	984	1793	1379	309	480	11753
DIVERTED BY OTHERS DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY	732	361	256	748	601	266	161	365	623	873	85	230	5301
EXCESS OF TREATY	246	434	849	611	581	500	462	619	1170	506	224	250	6452
EXCESS OF TREATY	0	0	0	0	0	0	0	0	0	0	0	0	0

RELEASE OF MAINSTREAM PURSUANT TO ORDERS
 BUT NOT DIVERTED BY PERSONS ORDERING SAME
 AND
 QUANTITY OF SUCH WATER DELIVERED TO MEXICO IN SATISFACTION OF MEXICAN TREATY OR DIVERTED BY OTHERS
 CALENDAR YEAR 1999
 STATE OF CALIFORNIA

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WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
CALIFORNIA TOTALS													
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	16782	15604	13224	27101	16100	17024	25977	5130	20519	12049	16828	16904	203242
DIVERTED BY OTHERS DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY	4418 12364 0	3987 11618 -1	2402 10822 0	4122 22978 1	4239 11862 -1	4788 12237 -1	4921 21055 1	2141 2991 -2	4151 16368 0	2751 9297 1	3746 13082 0	5098 11806 0	46764 156480 -2

1/ Available for future use.

RECORDS OF DELIVERIES TO MEXICO OF WATER
IN SATISFACTION OF THE TREATY OF FEBRUARY 3, 1944
AND WATER PASSING TO MEXICO IN EXCESS OF
TREATY REQUIREMENTS IN ACCORDANCE WITH
ARTICLE V(D) OF THE DECREE OF
THE SUPREME COURT OF THE UNITED STATES
IN ARIZONA v. CALIFORNIA DATED MARCH 9, 1964

CALENDAR YEAR 1999

DELIVERIES TO MEXICO IN SATISFACTION OF PART III OF 1944 TREATY
AND
WATER PASSING TO MEXICO IN EXCESS OF TREATY REQUIREMENTS
CALENDAR YEAR 1999

07/14/2000

(ACRE-FEET)

WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
DELIVERY AT NORTH INTERNATIONAL BOUNDARY 1/	409649	169972	202148	207688	170087	165362	202586	119169	265962	373243	307152	174166	2767184
DELIVERY AT SOUTH INT. LAND BOUNDARY	11069	9030	9815	9939	11717	9566	9744	9217	10714	13361	11807	10938	126917
TOTAL DELIVERY IN SATISFACTION OF TREATY TO MEXICO AS SCHEDULED	420718	179003	211964	217628	181805	174928	212330	128386	276676	386604	318959	185104	2894105
	78135	164062	207550	201920	171251	159050	179086	123545	89308	92460	113499	120134	1700000
TO MEXICO IN EXCESS OF SCHEDULE 2/	342583	14941	4414	15708	10554	15878	33244	4841	187368	294144	205460	64970	1194105
WATER BYPASSED PURSUANT TO MINUTE 242	10803	8259	9403	8707	6551	6632	6226	6302	4897	4293	253	6349	78675

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.

RECORDS OF DIVERSIONS OF WATER FROM THE
MAINSTREAM OF THE GILA AND SAN FRANCISCO RIVERS
AND THE CONSUMPTIVE USE OF SUCH WATER, FOR THE BENEFIT
OF THE GILA NATIONAL FOREST IN ACCORDANCE WITH
ARTICLE V(E) OF THE DECREE OF
THE SUPREME COURT OF THE UNITED STATES IN
ARIZONA v. CALIFORNIA DATED MARCH 9, 1964

CALENDAR YEAR 1999

DIVERSIONS FROM M EAM OF GILA AND SAN FRANCISCO RIVERS
 AND
 CONSUMPTIVE USE OF SUCH WATER FOR BENEFIT OF THE GILA NATIONAL FOREST
 CALENDAR YEAR 1999

07/14/2000

(ACRE-FEET)

WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
GILA RIVER	DIVERSION	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
SAN FRANCISCO RIVER	DIVERSION	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