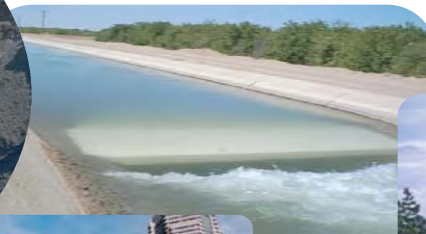


RECLAMATION

Managing Water in the West

Colorado River Accounting and Water Use Report Arizona, California, and Nevada

Calendar Year 2005



U.S. Department Of the Interior
Bureau of Reclamation
Lower Colorado Region

Mission Statements

The mission of the Department of the Interior is to protect and provide access to our Nation's natural and cultural heritage and honor our trust responsibilities to Indian Tribes and our commitments to island communities.

The mission of the Bureau of Reclamation is to manage, develop, and protect water and related resources in an environmentally and economically sound manner in the interest of the American public.

Colorado River Accounting and Water Use Report Arizona, California, and Nevada

Calendar Year 2005

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**U.S. Department of the Interior
Bureau of Reclamation
Lower Colorado Region
Boulder Canyon Operations Office
Water Conservation & Accounting Group**

Corrected Version

December 2006

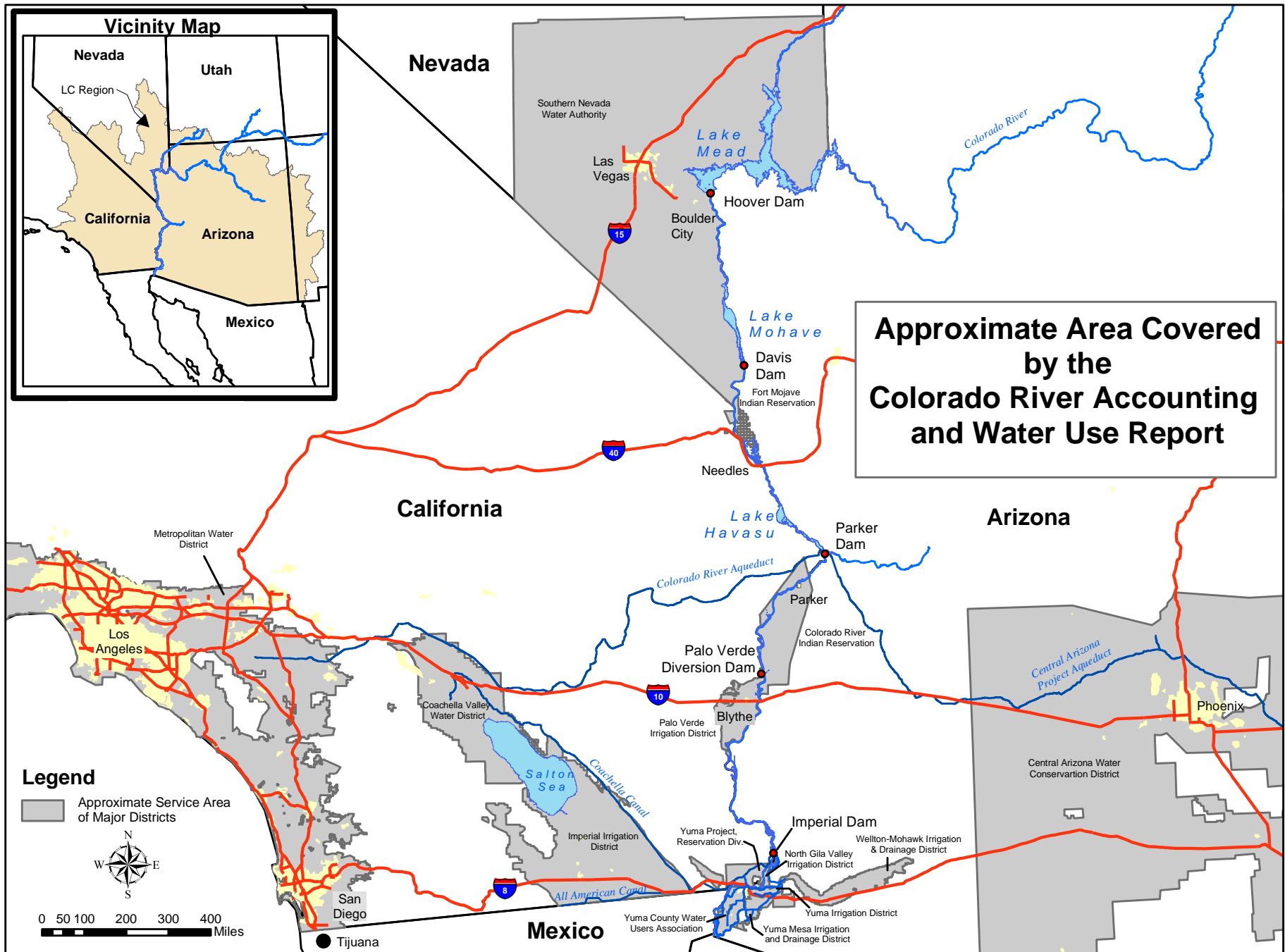


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Acronyms and Abbreviated Terms

These acronyms and abbreviations will be found in the text, footnotes, and headings within this document.

AAC	All-American Canal	FYIR	Fort Yuma Indian Reservation
af	acre-feet, unit of water measurement	GGMC	Gila Gravity Main Canal
ADP	Arizona diesel pump	ICUA	intentionally created unused apportionment
ADW	Arizona diesel well	I.D.D.	irrigation and drainage district
AEP	Arizona electric pump	IBWC	International Boundary and Water Commission
AEW	Arizona electric well	IID	Imperial Irrigation District
ALTSC	accumulated long term storage credit	IOPP	Inadvertent Overrun and Payback Policy
AOP	Annual Operating Plan	ISG	Colorado River Interim Surplus Guidelines
APS	Arizona Public Service	IUS	Interstate Underground Storage credits
ASLD	Arizona State Land Department	kaf	Kilo (thousand) acre-feet
AWBA	Arizona Water Banking Authority	LCWSP	Lower Colorado Water Supply Project
BLM	Bureau of Land Management	LHFO	Lake Havasu Field Office (BLM)
BOY	beginning of year	LLC	Limited Liability Company
CAWCD	Central Arizona Water Conservation District	LTSC	Long Term Storage Credit
CDP	California diesel pump	MWD	The Metropolitan Water District of Southern California
CDW	California diesel well	MOD	Main Outlet Drain
CDEW	California diesel electric well	MODE	Main Outlet Drain Extension
CEP	California electric pump	MEAS.	Measured (as in Measured Returns)
CEW	California electric well	M&I	municipal and industrial
CFR	Code of Federal Regulations	NIB	Northerly International Boundary
CRBC	Colorado River Board of California	PG & E	Pacific Gas and Electric Company
CRCN	Colorado River Commission of Nevada	PVID	Palo Verde Irrigation District
CRIT	Colorado River Indian Tribes	PWR	Power
CRWDA	Colorado River Water Delivery Agreement	QSA	Quantification Settlement Agreement
CU	consumptive use	SCE	Southern California Edison Company
CVWD	Coachella Valley Water District	SIRA	Storage and Interstate Release Agreement
CY	calendar year	SDCWA	San Diego County Water Authority
Diff.	difference	SNWA	Southern Nevada Water Authority
Dist.	district	S.S.	Salton Sea
DPOC	drainage pump outlet channel	USBR	United States Bureau of Reclamation
ET	evapotranspiration	USGS	United States Geological Survey
EOY	end of year	UNMEAS.	unmeasured (as in unmeasured returns)
FEIS	Final Environmental Impact Statement	YAO	Yuma Area Office (USBR)
Ftns	Footnotes (used as a column heading)	YFO	Yuma Field Office (BLM)

S U M M A R Y
CONSUMPTIVE USE OF COLORADO RIVER WATER BY STATE, LCWSP, RESERVOIR CONTENTS, AND SIRA
CALENDAR YEAR 2005

		12/17/06	(ACRE-FEET)													
		Ftnts	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/	
LOWER BASIN STATES WATER USE SUMMARY																
ARIZONA			179,126	77,532	124,148	306,792	310,533	246,977	231,592	177,550	220,041	229,691	209,252	115,235	2,428,469	
CALIFORNIA			100,485	132,078	337,760	473,454	511,763	523,274	537,968	422,475	428,019	349,081	314,286	213,615	4,344,258	
NEVADA			9,898	9,040	16,160	22,989	35,867	33,167	37,710	32,082	30,804	28,911	20,456	14,694	291,778	
TOTAL CONSUMPTIVE USE, LOWER BASIN STATES			289,509	218,650	478,068	803,235	858,163	803,418	807,270	632,107	678,864	607,683	543,994	343,544	7,064,505	
MEXICO IN SATISFACTION OF TREATY			128,111	152,979	204,112	197,528	104,228	109,271	121,598	97,713	89,308	74,789	98,764	121,599	1,500,000	
WATER BYPASSED PURSUANT TO MINUTE NO. 242 OF THE IBWC			9,379	8,089	9,305	9,625	9,990	9,528	9,289	8,375	8,957	10,070	9,591	6,228	108,426	
TO MEXICO IN EXCESS OF SCHEDULE			12,588	33,278	11,511	1,654	9,269	467	2,397	20,556	2,863	15,930	978	4,851	116,342	
TOTAL CU, LOWER BASIN STATES AND MEXICO		2/	439,587	412,996	702,996	1,012,042	981,650	922,684	940,554	758,751	779,992	708,472	653,327	476,222	8,789,273	
LCWSP PUMPING SUMMARY																
		3/	NON-FEDERAL	0	0	0	0	0	0	0	150	388	153	0	691	
			FEDERAL	0	0	0	0	0	0	0	75	194	76	0	345	
			TOTAL	0	0	0	0	0	0	0	225	582	229	0	1,036	
RESERVOIR CONTENTS SUMMARY (Thousand Acre-Feet)																
			DEC 2004	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	CHANGE
LOWER BASIN TOTAL STORAGE		4/	16,548	17,337	18,075	18,460	18,164	17,901	17,707	17,536	17,651	17,346	17,175	17,016	17,344	796
LOWER BASIN STORAGE PLUS LAKE POWELL		5/	25,212	25,818	26,340	26,475	26,702	28,410	30,067	29,954	29,673	29,285	29,191	28,993	28,920	3,708
OFFSTREAM INTERSTATE STORAGE SUMMARY																
				B.O.Y. Balance		2005 Storage		E.O.Y. Balance								
WATER STORED IN AZ FOR THE BENEFIT OF NV & CA		6/	NEVADA	125,260		111,806		237,066								
			CALIFORNIA	80,909		0		80,909								
WATER STORED IN CA BY MWD FOR THE BENEFIT OF NV		7/	NEVADA	10,000		10,000		20,000								

Note to Reader: each section of this report and each division within a section, has its own sequence of footnotes.

Footnotes:

- 1/ Totals may differ from the sum of the monthly values due to rounding to the nearest acre-foot.
- 2/ Sum of Total Consumptive Use in the Lower Basin, Deliveries to Mexico in Satisfaction of Treaty, Bypass Pursuant to IBWC Minute No. 242 and water passing to Mexico in excess of schedule.
- 3/ Pumpage of Lower Colorado Water Supply Project wellfield to offset certain Colorado River water use in California.
- 4/ Sum of End of Month storage in Lakes Mead, Mohave and Havasu (Lower Basin).
- 5/ Sum of End of Month storage in Lakes Powell (Upper Basin), Mead, Mohave and Havasu (Lower Basin).
- 6/ Final verified total of Accumulated Long-Term Storage Credits reported by Arizona Water Banking Authority.
- 7/ In 2004 MWD, SNWA and the Secretary of the Interior entered into a Storage and Interstate Release Agreement to allow MWD to divert and store water for the benefit of SNWA.

RESERVOIR CONTENTS
MONTHLY STORAGE CONTENTS OF THE COLORADO RIVER SYSTEM RESERVOIRS
CALENDAR YEAR 2005

12/17/06

(THOUSAND ACRE-FEET)

	Ftnts	DEC 2004	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	CY CHANGE
END OF MONTH ACTIVE CONTENTS:															
LAKE POWELL		8,664	8,481	8,265	8,015	8,538	10,509	12,360	12,418	12,022	11,939	12,016	11,977	11,576	2,912
PERCENTAGE OF POWELL ACTIVE STORAGE	3/	35.6%	34.9%	34.0%	33.0%	35.1%	43.2%	50.8%	51.1%	49.4%	49.1%	49.4%	49.2%	47.6%	
LAKE MEAD		14,355	15,119	15,739	16,220	15,869	15,593	15,441	15,288	15,351	15,219	15,078	14,896	15,131	776
LAKE MOHAVE		1,633	1,659	1,723	1,689	1,709	1,722	1,684	1,672	1,730	1,573	1,527	1,538	1,634	1
LAKE HAVASU		560	559	613	551	586	586	582	576	570	554	570	582	579	19
STORAGE IN LOWER BASIN	4/	16,548	17,337	18,075	18,460	18,164	17,901	17,707	17,536	17,651	17,346	17,175	17,016	17,344	796
PERCENTAGE OF CO. RIVER ACTIVE STORAGE IN THE LOWER BASIN	5/	58.5%	61.2%	63.9%	65.2%	64.2%	63.2%	62.6%	62.0%	62.4%	61.3%	60.7%	60.1%	61.3%	
LOWER BASIN STORAGE PLUS LAKE POWELL	6/	25,212	25,818	26,340	26,475	26,702	28,410	30,067	29,954	29,673	29,285	29,191	28,993	28,920	3,708
PERCENTAGE OF ACTIVE STORAGE, LOWER BASIN PLUS POWELL	7/	47.9%	49.1%	50.0%	50.3%	50.7%	54.0%	57.1%	56.9%	56.4%	55.6%	55.5%	55.1%	55.0%	
TOTAL SYSTEM STORAGE	8/	29,790	30,413	30,964	31,195	31,688	33,798	35,828	35,798	35,445	34,938	34,782	34,570	34,433	4,643
PERCENTAGE OF TOTAL SYSTEM STORAGE	9/	50.2%	51.2%	52.1%	52.5%	53.4%	56.9%	60.3%	60.3%	59.7%	58.8%	58.6%	58.2%	58.0%	

Footnotes:

1/ Values may differ from figures shown due to rounding and display to the nearest thousand acre feet.

2/ CY change is the difference in end of month storage between December of the previous year and December of the reporting year.

A positive value represents an increase in water in storage, and a negative value indicates a decrease in water in storage.

3/ Percentage of total active storage capacity available in Lake Powell. Based on total active storage of 24,322,000 af.

4/ The sum of end-of-month storage in Lakes Mead, Mohave and Havasu.

5/ The percentage of total active storage capacity available in the Lower Basin (Lakes Mead, Mohave and Havasu). Based on total active storage of 28,306,000 af.

6/ The sum of end-of-month storage in Lakes Powell (Upper Basin), Mead, Mohave and Havasu (Lower Basin).

7/ The percentage of total active storage capacity available in Lakes Powell (Upper Basin), Mead, Mohave and Havasu (Lower Basin). Based on total active storage of 52,628,000 af

8/ Total end-of-month system storage, includes USBR reservoirs in Upper and Lower basins of the Colorado River.

9/ The percentage of total end-of-month system storage. This includes Lakes Powell, Navajo, Crystal, Morrow Point, Blue Mesa, Flaming Gorge, Fontenelle (Upper Basin),

Mead, Mohave and Havasu (Lower Basin). Based on total active system storage of 59,383,000 af.

For purposes of this tabulation, the term "active storage" is equivalent to live storage, and refers to the volume of water that can be delivered downstream via gravity flow.

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

ARTICLE V OF THE DECREE

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 ET AL. DATED MARCH 9, 1964**

The following tabulation for calendar year 2005 shows the 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" measured at Headgate Rock Dam.

CALENDAR YEAR 2005

STRUCTURE	12/17/06 Ftnts	(ACRE-FEET)												
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
GLEN CANYON DAM		776,745	720,028	802,770	526,100	597,081	781,520	850,106	871,894	496,488	513,656	513,831	801,357	8,251,576
HOOVER DAM		337,300	341,500	427,200	1,023,000	1,008,000	899,200	974,900	795,300	623,100	640,100	674,700	529,500	8,273,800
DAVIS DAM		291,500	272,500	472,600	1,039,000	1,031,000	980,000	1,051,000	795,700	845,600	774,500	739,300	496,400	8,789,100
PARKER DAM		256,100	271,500	596,400	675,800	702,700	740,500	851,100	634,300	538,400	428,400	377,000	297,700	6,369,900
HEADGATE ROCK DAM	1/	250,450	264,610	555,990	602,870	628,910	664,230	773,730	564,540	478,470	388,240	350,300	271,580	5,793,920
PALO VERDE DAM		230,900	238,300	475,900	509,200	490,000	479,700	543,200	419,600	416,200	361,700	321,000	248,700	4,734,400
IMPERIAL DAM	2/	39,120	40,630	29,820	27,680	27,210	24,580	30,270	42,920	27,770	35,120	19,380	23,960	368,460
DIVERSION TO MITTRY LAKE FROM GILA MAIN CANAL		600	625	738	716	776	839	853	676	655	645	869	682	8,674
SUM IMPERIAL DAM + DIVERSION TO MITTRY LAKE		39,720	41,255	30,558	28,396	27,986	25,419	31,123	43,596	28,425	35,765	20,249	24,642	377,134
LAGUNA DAM		39,830	47,950	35,080	32,650	31,160	27,320	33,970	36,920	24,990	28,860	27,390	32,370	398,490

Footnotes:

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

2/ Represents flow below Imperial Dam, does not include diversions through the All American Canal (AAC) and the Gila Gravity Main Canal (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 ET AL.
DATED MARCH 9, 1964**

The following tabulations for calendar year 2005 show final records of diversions of water from the mainstream of the Colorado River, return flow of such water to the mainstream, and the consumptive use of such water in each State. 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, pumped directly from the mainstream, or pumped from wells in the Colorado River aquifer. Diversions are listed in two separate tabulations for each State. The first tabulation lists water users whose diversions are typically measured and reported monthly or more frequently. Measured return flows to the mainstream, an estimate of unmeasured 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 for each State, titled "Supplemental Use Tabulation," shows quantities of water pumped from the

mainstream or from wells in the Colorado River aquifer, where the amount of water diverted is reported by the USGS or the water user. For USGS reported wells and pumps, the diversions were determined as follows: (1) for most electric pumps, diversions were computed on an annual basis from power records and a "kilowatt-hour per acre-foot pumped factor" determined by discharge measurement; (2) for pumps without flow meters or where power records are not available, a consumptive use factor of 6.25 acre-feet per irrigated acre of land per year was used.

Unmeasured returns have been computed by multiplying measured diversions by a return flow factor. Reclamation is continuing to refine estimates of unmeasured returns.

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 constitute the records referenced in Article V of the Decree of the Supreme Court in Arizona v. California et al. The listing of a use in this report should not be interpreted as an entitlement or an indication that the use is authorized. If you notice any error or omission, please report it to the contact person listed on the cover page.

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 2005
STATE OF ARIZONA

WATER USER	Ftns	12/17/06 (ACRE-FEET)												TOTAL 1/	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
LAKE MEAD NAT'L RECREATION, AZ. DIVERSIONS FROM LAKE MEAD (TEMPLE BAR)		DIVERSION	1	1	2	3	7	7	11	10	11	8	6	3	70
		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	1	1	2	3	7	7	11	10	11	8	6	3	70
LAKE MEAD NAT'L RECREATION, AZ. DIVERSIONS FROM LAKE MOHAVE (KATHERINE, WILLOW BEACH)		DIVERSION	8	8	8	13	16	20	29	29	21	18	12	9	191
		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	8	8	8	13	16	20	29	29	21	18	12	9	191
LOWER COLORADO RIVER DAMS PROJECT DIVERSION AT DAVIS DAM		DIVERSION	1	1	1	1	2	1	2	2	2	2	2	1	18
		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	1	1	1	1	2	1	2	2	2	2	2	1	18
BULLHEAD CITY PUMPED FROM WELLS		DIVERSION	619	525	684	785	1,097	1,022	1,142	1,100	984	1,041	818	1,001	10,818
DIVERSION AT DAVIS DAM, MOHAVE CO. PARKS		DIVERSION	4	2	5	6	9	15	12	10	12	9	7	6	97
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	206	174	227	261	365	342	381	366	329	347	272	332	3,602
		CONSUMPTIVE USE	417	353	462	530	741	695	773	744	667	703	553	675	7,313
MOHAVE WATER CONSERVATION DIST. PUMPED FROM WELLS		DIVERSION	50	48	65	74	81	104	91	85	106	81	83	77	945
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	17	16	21	24	27	34	30	28	35	27	27	25	311
		CONSUMPTIVE USE	33	32	44	50	54	70	61	57	71	54	56	52	634
BROOKE WATER LLC PUMPED FROM RIVER		DIVERSION	25	24	33	34	44	45	51	46	43	37	33	29	444
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	8	8	11	11	15	15	17	15	14	12	11	10	147
		CONSUMPTIVE USE	17	16	22	23	29	30	34	31	29	25	22	19	297
MOHAVE VALLEY I.D.D. PUMPED FROM WELLS		DIVERSION	419	214	1,762	3,834	3,951	5,602	3,469	2,806	4,114	1,870	1,530	2,358	31,929
PUMPED FROM TOPOCK MARSH INLET		DIVERSION	0	0	0	33	0	32	37	78	156	41	20	0	397
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	193	98	811	1,779	1,817	2,592	1,613	1,327	1,964	879	713	1,085	14,871
		CONSUMPTIVE USE	226	116	951	2,088	2,134	3,042	1,893	1,557	2,306	1,032	837	1,273	17,455
FORT MOJAVE INDIAN RESERVATION	2/	DIVERSION	1,370	2,242	5,344	6,707	8,854	10,004	8,725	8,257	11,739	4,643	3,010	1,469	72,364
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	630	1,031	2,458	3,085	4,073	4,602	4,014	3,798	5,400	2,136	1,385	676	33,288
		CONSUMPTIVE USE	740	1,211	2,886	3,622	4,781	5,402	4,711	4,459	6,339	2,507	1,625	793	39,076
GOLDEN SHORES WATER CONSERVATION DIST. PUMPED FROM WELLS	3/	DIVERSION	24	31	42	45	55	67	73	70	55	46	33	32	573
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	8	10	14	15	18	22	24	23	18	15	11	11	189
		CONSUMPTIVE USE	16	21	28	30	37	45	49	47	37	31	22	21	384
HAVASU NATIONAL WILDLIFE REFUGE TOPOCK MARSH INLET	4/	DIVERSION	10	270	350	5,697	5,239	4,641	4,377	1,913	2,532	1,922	908	33	27,892
FARM DITCH		DIVERSION	0	0	100	1,056	975	905	1,085	437	678	458	296	0	5,990
PUMPED BY ONE WELL IN THE FLOODPLAIN	3/	DIVERSION	11	9	15	17	21	25	27	26	21	17	12	12	213
		MEAS. RETURNS	0	0	0	0	0	0	0	30	12	14	14	16	86
		UNMEAS. RETURNS	18	246	409	5,958	5,487	4,902	4,830	2,064	2,833	2,097	1,058	26	29,928
		CONSUMPTIVE USE	3	33	56	812	748	669	659	282	386	286	144	3	4,081

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 2005
STATE OF ARIZONA

WATER USER	Ftns	12/17/06 (ACRE-FEET)												TOTAL 1/	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
LAKE HAVASU I.D.D. (CITY) DISTRICT PUMPED FROM WELLS		DIVERSION	981	925	1,097	1,122	1,220	1,293	1,342	1,148	947	813	930	969	12,787
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	373	352	417	426	464	491	510	436	360	309	353	368	4,859
		CONSUMPTIVE USE	608	573	680	696	756	802	832	712	587	504	577	601	7,928
CENTRAL ARIZONA PROJECT PUMPED FROM LAKE HAVASU		DIVERSION	175,165	67,750	21,387	160,159	158,086	95,713	78,622	47,575	79,074	120,131	134,783	60,885	1,199,330
WATER DIVERTED TO STORAGE FOR SNWA		DIVERSION	0	0	0	3,430	5,214	5,984	12,142	18,709	27,418	20,004	12,278	15,362	120,541
		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	175,165	67,750	21,387	163,589	163,300	101,697	90,764	66,284	106,492	140,135	147,061	76,247	1,319,871
TOWN OF PARKER PUMPED FROM 1 MUNICIPAL WELL	5/	DIVERSION	42	38	51	70	87	101	114	84	91	73	60	49	860
		MEAS. RETURNS	26	23	22	22	22	21	23	23	22	21	21	21	267
		UNMEAS. RETURNS	12	11	15	20	25	29	32	24	26	21	17	14	246
		CONSUMPTIVE USE	4	4	14	28	40	51	59	37	43	31	22	14	347
COLORADO RIVER INDIAN RESERVATION DIVERSION AT HEADGATE ROCK DAM 2 PUMPS AND MUNICIPAL	6/	DIVERSION	5,650	6,890	40,410	72,930	73,790	76,270	77,370	69,760	59,930	40,160	26,700	26,120	575,980
		DIVERSION	94	84	111	155	193	221	248	185	198	160	132	109	1,890
		MEAS. RETURNS	12,128	10,440	13,587	19,625	20,854	20,746	21,556	21,652	21,145	21,197	17,521	16,523	216,974
		UNMEAS. RETURNS	316	384	2,229	4,020	4,069	4,207	4,269	3,847	3,307	2,218	1,476	1,443	31,785
		CONSUMPTIVE USE	-6,700	-3,850	24,705	49,440	49,060	51,538	51,793	44,446	35,676	16,905	7,835	8,263	329,111
EHRENBURG IMPROVEMENT ASSN.		DIVERSION	29	20	37	37	46	48	50	45	46	40	32	31	461
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	8	6	11	11	13	14	14	13	13	11	9	9	132
		CONSUMPTIVE USE	21	14	26	26	33	34	36	32	33	29	23	22	329
CIBOLA VALLEY CIBOLA VALLEY IRRIGATION DISTRICT MOHAVE COUNTY WATER AUTHORITY HOPI TRIBE		DIVERSION	109	133	998	732	1,602	1,967	2,130	1,181	1,456	950	1,228	938	13,424
		DIVERSION	13	0	539	233	794	837	1,105	660	827	710	516	423	6,657
		DIVERSION	0	0	539	175	731	949	874	481	631	870	761	736	6,747
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	35	38	592	325	891	1,070	1,171	662	830	721	714	598	7,647
		CONSUMPTIVE USE	87	95	1,484	815	2,236	2,683	2,938	1,660	2,084	1,809	1,791	1,499	19,181
CIBOLA NATIONAL WILDLIFE REFUGE PUMPED FROM 3 PUMPS		DIVERSION	552	195	566	946	967	852	1,175	839	1,340	1,540	1,224	791	10,987
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	210	74	215	359	367	324	447	319	509	585	465	301	4,175
		CONSUMPTIVE USE	342	121	351	587	600	528	728	520	831	955	759	490	6,812
IMPERIAL NATIONAL WILDLIFE REFUGE PUMPED FROM 4 PUMPS	3/	DIVERSION	93	52	72	125	166	247	145	231	202	107	214	263	1,917
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	35	20	27	48	63	94	55	88	77	41	81	100	729
		CONSUMPTIVE USE	58	32	45	77	103	153	90	143	125	66	133	163	1,188
YUMA PROVING GROUND DIVERSION AT IMPERIAL DAM WELLS W, X, Y, Z	3/	DIVERSION	0	0	0	0	0	0	0	0	4	0	1	0	5
		DIVERSION	11	11	9	34	69	77	81	88	136	23	36	20	595
		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	11	11	9	34	69	77	81	88	140	23	37	20	600
GILA MONSTER FARMS DIVERSION AT IMPERIAL DAM		DIVERSION	159	446	509	690	885	1,296	1,175	809	886	615	513	556	8,539
		MEAS. RETURNS	25	66	-34	72	41	42	43	57	77	20	22	121	552
		UNMEAS. RETURNS	60	169	193	262	336	492	447	307	337	234	195	211	3,243
		CONSUMPTIVE USE	74	211	350	356	508	762	685	445	472	361	296	224	4,744

*Use from ASLD lease has been deducted.

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 2005
STATE OF ARIZONA

WATER USER	Ftnts	12/17/06												TOTAL 1/
		(ACRE-FEET)												
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
WELLTON MOHAWK I. & D. D.														
DIVERSION AT IMPERIAL DAM														
		8,662	10,026	32,501	39,625	45,487	46,824	44,577	30,781	39,743	30,533	25,635	17,976	372,370
		1,521	1,641	0	0	2,340	1,708	1,806	2,433	3,856	1,138	1,254	4,277	21,974
		554	0	0	0	0	0	0	460	389	440	411	1,049	3,303
	7/	9,510	8,450	10,090	9,770	9,780	9,950	10,050	9,070	9,170	9,850	8,780	6,300	110,770
		11,585	10,091	10,090	9,770	12,120	11,658	11,856	11,963	13,415	11,428	10,445	11,626	136,047
		0	0	0	0	0	0	0	0	0	0	0	0	0
		-2,923	-65	22,411	29,855	33,367	35,166	32,721	18,818	26,328	19,105	15,190	6,350	236,323
CITY OF YUMA														
DIVERSION AT IMPERIAL DAM (AAC)		2,015	1,824	1,863	2,148	2,541	2,503	3,023	2,916	2,946	2,441	2,157	2,146	28,523
DIVERSION AT IMPERIAL DAM (GILA)		0	0	0	0	0	0	0	0	0	0	0	17	17
PUMP DIVERSION FOR YUMA EAST WETLANDS		0	0	0	0	0	0	0	3	3	3	65	64	138
MWD DESALTING STUDY		0	0	0	0	0	0	0	5	12	11	9	9	46
		987	1,092	895	861	899	591	895	974	1,067	1,055	979	1,061	11,356
		0	0	0	0	0	0	0	1	1	1	23	22	48
		1,028	732	968	1,287	1,642	1,912	2,128	1,949	1,893	1,399	1,229	1,153	17,320
MARINE CORPS AIR STATION (YUMA)														
DIVERSION AT IMPERIAL DAM		68	58	86	116	178	226	203	225	177	195	123	134	1,789
		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
		68	58	86	116	178	226	203	225	177	195	123	134	1,789
SOUTHERN PACIFIC COMPANY														
DIVERSION AT IMPERIAL DAM		4	4	4	4	4	4	4	4	4	4	4	4	48
		0	0	0	0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2	2	2	2	2	24
		2	2	2	2	2	2	2	2	2	2	2	2	24
YUMA MESA FRUIT GROWERS ASSN.														
DIVERSION AT IMPERIAL DAM		0	0	0	0	0	0	0	0	0	0	0	1	1
		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
		0	0	0	0	0	0	0	0	0	0	0	1	1
UNIVERSITY OF ARIZONA														
DIVERSION AT IMPERIAL DAM (WARREN ACT)		43	52	48	45	72	75	76	66	60	0	0	0	537
		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
		43	52	48	45	72	75	76	66	60	0	0	0	537
YUMA UNION HIGH SCHOOL														
DIVERSION AT IMPERIAL DAM		15	15	13	15	22	35	16	22	21	9	14	15	212
		0	0	0	0	0	0	0	0	0	0	0	0	0
		4	4	3	4	6	9	4	6	5	2	4	4	55
		11	11	10	11	16	26	12	16	16	7	10	11	157
CAMILLE, ALEC. JR.														
DIVERSION AT IMPERIAL DAM (WARREN ACT)		0	0	0	1	0	0	0	0	0	0	0	0	1
		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
		0	0	0	1	0	0	0	0	0	0	0	0	1
DESERT LAWN MEMORIAL														
DIVERSION AT IMPERIAL DAM		0	0	11	8	21	20	20	18	23	13	5	1	140
		0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	3	2	6	6	6	5	7	4	2	0	41
		0	0	8	6	15	14	14	13	16	9	3	1	99

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 2005
STATE OF ARIZONA

WATER USER	Ftns	12/17/06												TOTAL 1/	
		(ACRE-FEET)													
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
NORTH GILA VALLEY IRRIGATION DISTRICT															
DIVERSION AT IMPERIAL DAM	8/	DIVERSION	1,782	1,654	4,138	3,920	5,249	4,243	5,047	3,057	3,997	5,055	3,416	3,269	44,827
		MEAS. RETURNS	1,306	1,212	2,120	2,009	2,742	2,322	2,678	2,092	2,489	2,801	2,122	2,384	26,277
		UNMEAS. RETURNS	244	227	567	537	719	581	691	419	548	693	468	448	6,142
		CONSUMPTIVE USE	232	215	1,451	1,374	1,788	1,340	1,678	546	960	1,561	826	437	12,408
YUMA IRRIGATION DISTRICT															
DIVERSION AT IMPERIAL DAM	8/	DIVERSION	2,769	3,368	6,271	7,038	6,877	5,377	5,700	4,046	5,802	6,277	5,000	5,400	63,925
PUMPED FROM PRIVATE WELLS	9/	DIVERSION	40	37	283	224	147	39	48	163	118	48	10	16	1,173
	10/	DELIVERED BY YID	93	117	160	172	211	254	278	269	211	176	125	121	2,187
		MEAS. RETURNS	1,219	1,414	1,148	1,251	1,647	1,168	1,215	1,146	1,664	1,425	1,291	2,531	17,119
SURFACE RETURNS PUMPED FROM WELLS	9/	MEAS. RETURNS	26	32	44	47	58	70	77	74	58	48	34	34	602
		UNMEAS. RETURNS	598	725	1,396	1,547	1,496	1,154	1,224	897	1,261	1,347	1,067	1,154	13,866
		CONSUMPTIVE USE	873	1,117	3,806	4,245	3,612	2,770	2,954	1,823	2,726	3,329	2,493	1,576	31,324
YUMA MESA I. D. D.															
DIVERSION AT IMPERIAL DAM	8/	DIVERSION	7,359	6,190	13,467	15,299	22,563	25,266	24,873	24,210	23,829	13,755	11,582	9,883	198,276
		MEAS. RETURNS	5,562	5,286	865	1,265	2,164	6,673	8,308	7,248	9,056	5,388	3,556	6,210	61,581
		UNMEAS. RETURNS	1,177	990	2,155	2,448	3,610	4,043	3,980	3,874	3,813	2,201	1,853	1,581	31,725
		CONSUMPTIVE USE	620	-86	10,447	11,586	16,789	14,550	12,585	13,088	10,960	6,166	6,173	2,092	104,970
UNIT "B" I. D. D.															
DIVERSION AT IMPERIAL DAM	8/	DIVERSION	929	557	1,736	2,249	2,105	2,210	2,907	3,133	2,914	1,972	1,873	1,359	23,944
	8/	MEAS. RETURNS	934	819	153	223	252	1,066	1,385	1,159	1,432	928	616	980	9,947
		UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		CONSUMPTIVE USE	-5	-262	1,583	2,026	1,853	1,144	1,522	1,974	1,482	1,044	1,257	379	13,997
YUMA COUNTY WATER USERS ASSOCIATION															
DIVERSION AT IMPERIAL DAM		DIVERSION	14,449	14,546	37,991	42,076	36,191	27,134	26,651	20,314	24,960	43,233	30,576	22,435	340,556
PUMPED FROM WELLS		DIVERSION	570	255	151	678	117	88	154	1,363	63	57	298	83	3,877
		MEAS. RETURNS	7,514	6,636	9,293	10,287	11,726	7,679	7,317	5,823	7,467	12,996	11,917	10,888	109,543
		UNMEAS. RETURNS	315	311	801	898	762	572	563	455	525	909	648	473	7,232
		CONSUMPTIVE USE	7,190	7,854	28,048	31,569	23,820	18,971	18,925	15,399	17,031	29,385	18,309	11,157	227,658
COCOPA INDIAN RESERVATION															
DIVERSION AT IMPERIAL DAM		DIVERSION	26	177	478	154	219	490	753	0	187	445	338	374	3,641
PUMPED FROM WELLS	11/	DIVERSION	1	3	2	2	1	2	4	0	0	1	3	1	20
		MEAS. RETURNS	2	2	1	2	7	10	20	1	5	18	13	11	92
		UNMEAS. RETURNS	0	1	1	1	0	1	1	0	0	0	1	0	6
		CONSUMPTIVE USE	25	177	478	153	213	481	736	-1	182	428	327	364	3,563
YUMA AREA OFFICE, USBR															
		DIVERSION	103	90	108	101	82	96	109	108	106	109	104	70	1,186
		MEAS. RETURNS	95	79	95	90	71	90	90	92	90	93	90	58	1,033
		UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		CONSUMPTIVE USE	8	11	13	11	11	6	19	16	16	16	14	12	153
PUMPED FROM SOUTH GILA WELLS (DPOC'S)															
	12/	MEAS. RETURNS	5,084	5,621	6,454	4,656	6,054	5,183	4,496	4,747	5,690	5,450	5,980	3,202	62,617
		UNMEAS. ABOVE	-5,084	-5,621	-6,454	-4,656	-6,054	-5,183	-4,496	-4,747	-5,690	-5,450	-5,980	-3,202	-62,617
		RETURNS CREDIT	0	0	0	0	0	0	0	0	0	0	0	0	0
OTHER USERS PUMPING FROM COLORADO RIVER AND WELLS IN FLOOD PLAIN, DAVIS DAM TO INTERNATIONAL BOUNDARY															
	13/	DIVERSION	1,265	1,481	1,966	2,592	2,924	3,059	2,752	3,125	2,831	2,402	2,281	1,806	28,484
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	443	518	688	907	1,023	1,071	963	1,094	991	841	798	632	9,969
		CONSUMPTIVE USE	822	963	1,278	1,685	1,901	1,988	1,789	2,031	1,840	1,561	1,483	1,174	18,515
ARIZONA TOTALS															
		DIVERSION	225,447	120,139	175,693	375,266	388,790	325,782	312,343	249,954	301,245	302,776	269,546	177,224	3,224,205
		MEAS. RETURNS	46,493	42,813	44,733	50,180	58,657	57,319	59,959	57,081	63,689	62,882	54,621	55,666	654,093
		UNMEAS. RETURNS	-172	-206	6,812	18,294	19,600	21,486	20,792	15,323	17,515	10,203	5,673	6,323	141,643
		CONSUMPTIVE USE	179,126	77,532	124,148	306,792	310,533	246,977	231,592	177,550	220,041	229,691	209,252	115,235	2,428,469

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 2005
STATE OF ARIZONA

	12/17/06	(ACRE-FEET)												
WATER USER	Ftnts	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/

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

Footnotes:

- 1/ Totals may differ from the sum of the monthly values due to rounding to the nearest acre-foot.
- 2/ Monthly diversion amounts are provided by the user. Diversion amount includes deliveries from the City of Needles (25af) and diversions from Topock Marsh Inlet canal (225af).
- 3/ Reported annual total only, distributed monthly according to the monthly use patterns of nearby users.
- 4/ Havasu NWR diversion amounts have been adjusted downward for diversions out of the inlet channel by Mohave Valley Irrigation and Drainage District (Chesney) and Fort Mojave Indian Reservation.
- 5/ Town of Parker diversion amounts have been adjusted downward for potable water delivered to the Colorado River Indian Tribes by the Town of Parker.
- 6/ Sum of diversions by two river pumps, water delivered by the Town of Parker and an estimate of municipal diversion. Municipal diversions estimated by multiplying CRIT's portion of measured effluent by using the Town of Parker's diversion:effluent ratio. CRIT portion of wastewater returns from Joint Venture Treatment Plant are combined with agricultural drainage measured at Scott Road gage.
- 7/ Main Outlet Drain return flow credit is measured flow at Station 0+00. During periods of sustained flow in the Gila River this measurement includes both Colorado River and Gila River water. At such times Reclamation will determine how best to differentiate return flows from the two sources.
- 8/ This is the summation for the Yuma Mesa Division of the Gila Project, consisting of the North Gila Valley Irrigation District, the Yuma Irrigation District and the Yuma Mesa Irrigation & Drainage District:

Item	Annual Totals (Acre-Feet)
Diversion at Imperial Dam	307,028
Pumped from wells	1,173
Surface returns from South Gila Valley (S.Gila Canal Wasteway)	2,627
Return flow North Gila Valley (6 drains & wasteways)	7,426
Return flow South Gila Valley wells (DPOC's) less Unmeasured Return	52,335
Return flow Yuma Mesa Outlet Drain	19,237
Return flow protective and regulatory pumping unit	25,342
Estimated unmeasured groundwater return flow	25,984
Return flow share of Gila Main Canal loss	24,359
Subtotal return flow	157,310
Consumptive Use (see note above)	150,891

- A/ Total for the North Gila Valley, the Yuma Irrigation and the Yuma Mesa Irrigation and Drainage Districts.
- B/ 85 percent of the Yuma Mesa Outlet Drain credited to Yuma Mesa Irrigation and Drainage District 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 multiplied by the mileage weighted share of Gila Main Canal loss, less canal surface evaporation (1,397 af/yr) and phreatophyte use (2,154 af/yr).
- 9/ Diversion and return amounts include pumpage from AEW-6,7,8,10,11,41. These wells were previously reported in the Arizona Supplemental Section.
- 10/ This is water diverted by YID and delivered to users, with own entitlements, outside of the YID service area. YID's consumptive use has been reduced by an equal amount.
- 11/ Diversion amounts include pumpage from AEW-15,16 and the Cocopah Bend R.V. Park. These wells were previously reported in the Arizona Supplemental Section.
- 12/ Reclamation is engaged in a modeling study to determine the amount of water returning to the Colorado River upstream of NIB, and how this return is affected by pumping of the DPOC wellfield. Until comprehensive modeling of the Yuma area is complete, this pumpage is added to Arizona's measured returns and subtracted from Arizona's unmeasured returns.
- 13/ Details on Arizona Supplemental Sheets.

ARIZONA SUPPLEMENTAL TABULATION
CALENDAR YEAR 2005
STATE OF ARIZONA

WATER USER	12/17/06		(ACRE-FEET)												
	Ftnts	USGS # 1/	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Marble Canyon Company			1	1	2	2	3	4	3	3	3	3	2	1	28
SUBTOTAL, LEE FERRY TO DAVIS DAM	2/	DIVERSION	1	1	2	2	3	4	3	3	3	3	2	1	28
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	0	0	1	1	1	1	1	1	1	1	1	0	10
		CONSUMPTIVE USE	1	1	1	1	2	3	2	2	2	2	1	1	18
McAlister, M. River Intake			0	0	0	0	1	1	1	1	1	1	0	0	6
Crystal Beach Water Conservation District			10	10	10	10	10	10	10	10	10	10	10	10	120
Arizona-American Water Co. (Havasu Water Co.)			41	37	34	37	50	48	64	74	75	74	51	54	639
Arizona State Parks (Windsor Beach)			0	1	1	1	2	2	4	3	2	2	1	1	20
SUBTOTALS, DAVIS DAM TO PARKER DAM	2/	DIVERSION	51	48	45	48	63	61	79	88	88	87	62	65	785
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	18	17	16	17	22	21	28	31	31	30	22	23	275
		CONSUMPTIVE USE	33	31	29	31	41	40	51	57	57	57	40	42	510
Hillcrest Water Co.			1	2	2	3	3	3	3	4	3	3	2	3	32
Rayner, Jack Jr.		AEP-9	269	222	261	229	225	355	299	289	211	106	290	211	2,967
Rayner, Jack Jr.		AEW-35	14	14	0	60	42	95	88	65	84	41	144	96	743
Arizona State Land Department (domestic use)			9	9	10	10	11	11	13	12	8	8	9	7	117
Arizona State Land Department (agricultural use)			10	60	140	162	171	210	310	295	186	152	205	121	2,022
North Baja Pipeline, LLC, (TransCanada)			5	10	10	40	60	55	50	60	45	40	25	5	405
BLM Permittees (LHFO & YFO)	3/		37	58	66	78	94	101	100	104	87	69	52	48	894
SUBTOTALS, PARKER DAM TO IMPERIAL DAM	2/	DIVERSION	345	375	489	582	606	830	863	829	624	419	727	491	7,180
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	121	131	171	204	212	291	302	290	218	147	254	172	2,513
		CONSUMPTIVE USE	224	244	318	378	394	540	561	539	406	272	473	319	4,667
YUMA ISLAND - AZ															
Bard Date Gardens (Jessen Family LTD. Partnership)	4/	AEW-3	0	0	1	4	1	18	5	0	6	0	0	1	36
Bard Date Gardens (Jessen Family LTD. Partnership)	4/	AEP-1	45	56	76	82	100	122	133	128	100	84	60	58	1,044
Glen Curtis Citrus	4/	AEP-2/3, AEW-4/5, ADW-3	87	109	149	161	197	239	261	251	197	165	117	115	2,048
Youmans, R. (Beatty Farms Southwest)	5/6/	ADW-2	44	55	75	81	99	120	131	126	99	83	59	58	1,030
Yowelman, Harp	5/6/	ADW-4	36	45	62	67	81	99	108	104	82	67	49	48	848
Ranch "5" Lands, Yuma Island, AZ (760ac)	7/		75	35	210	257	330	31	61	30	273	244	135	95	1,777
SUM OF YUMA ISLAND - AZ	2/		287	300	573	652	808	629	699	639	757	643	420	375	6,783
BLM Permittees (YFO)			9	26	28	177	178	178	179	177	177	159	10	9	1,307
Pratt, L.	5/6/3/	ADW-1	7	9	12	13	16	19	21	20	16	13	9	9	164
Ogram, George	4/	AEW-9 - Delivered by YID	18	23	31	33	41	48	53	52	41	34	24	23	421
Ogram Boys Enterprizes		Delivered by YID	35	44	60	65	79	96	105	102	79	66	47	46	824
Peach	4/6/	AEW-12	0	0	0	0	0	0	0	0	0	0	0	0	0
Peach	4/	AEW-13	19	24	33	36	44	53	58	56	44	37	26	26	456
Yucca Pwr Plant (Arizona Public Service Co.)			15	13	37	40	36	49	49	43	49	3	3	7	344
Amigo Farms	5/6/	AEW-14, ADP-1	15	18	25	27	33	40	44	42	33	28	20	19	344
Curry Family Limited	5/6/	AEP-4, ADP-2	12	15	21	23	28	33	37	35	28	23	16	16	287
Power, P.	6/8/	ADP-3/4	41	52	70	75	92	112	122	118	92	77	55	54	960
Griffin Ranches Inc.		ADP-3/4	2	3	4	5	7	8	9	9	7	6	6	4	70
Power, V. and M.		ADP-3/4	8	12	19	21	26	31	34	32	26	21	15	15	260
Pasquinielli, Gary (A. Hall)	5/6/	ADP-5	21	26	35	38	47	57	61	60	47	39	28	27	486
State of Arizona (Arizona State Land Department)			379	492	482	755	817	811	336	820	720	744	811	619	7,786
SUBTOTALS, BELOW IMPERIAL DAM	2/	DIVERSION	868	1,057	1,430	1,960	2,252	2,164	1,807	2,205	2,116	1,893	1,490	1,249	20,491
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	304	370	501	686	788	757	632	772	741	663	522	437	7,172
		CONSUMPTIVE USE	564	687	930	1,274	1,464	1,407	1,175	1,433	1,375	1,230	969	812	13,319

ARIZONA SUPPLEMENTAL TABULATION
CALENDAR YEAR 2005
STATE OF ARIZONA

WATER USER	12/17/06		(ACRE-FEET)												
	Ftnts	USGS # 1/	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
TOTAL ARIZONA SUPPLEMENTAL TABULATION	2/	DIVERSION	1,265	1,481	1,966	2,592	2,924	3,059	2,752	3,125	2,831	2,402	2,281	1,806	28,484
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	443	518	688	907	1,023	1,071	963	1,094	991	841	798	632	9,969
		CONSUMPTIVE USE	822	963	1,278	1,685	1,901	1,988	1,789	2,031	1,840	1,561	1,483	1,174	18,515

Foot notes:

- 1/ Reference number listed on the annual USGS, Yuma Field Office report "Pumped Diversions From The Colorado River and Adjacent Floodplain", or the column contains a comment.
- 2/ Monthly and annual totals rounded and displayed to the nearest whole number.
- 3/ BLM Permittees reported total includes 212 af diverted by Pratt for the Pratt Revegetation Project. Pratt agricultural use has been reduced by this quantity.
- 4/ Calculated from monthly power records and power-discharge measurements where available, else from power-discharge ratio.
- 5/ Calculated by assuming an annual diversion rate of 6.25 af per acre.
- 6/ Reported annual total only, distributed monthly according to the monthly use patterns of nearby users.
- 7/ Surface water diversions from the AAC through Bard Water District. Use calculated by prorating total measured delivery by relative acreage in each state. Use has been deducted from Bard diversions.
- 8/ BLM Permittee, Limitrophe area, administered by BLM YFO.

Note: Reclamation does not consider pumping of wells from the flood plain or the underlying aquifer downstream from the Northerly International boundary (NIB), to be a diversion of Colorado River water. This policy is based on the following: the ground water can reasonably be assumed to be flowing towards Mexico and, therefore, not to be flowing toward the Colorado River upstream of Mexico's point of diversion near NIB. As such, this water does not return to the river to be made "available for consumptive use in the United States or in satisfaction of the Mexican Treaty obligation." In accordance with this position, Reclamation has discontinued reporting these wells.

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 2005
STATE OF CALIFORNIA

WATER USER	12/17/06		(ACRE-FEET)												
	Ftnts		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	2/	DIVERSION	1	2	2	3	2	3	2	3	2	2	2	1	25
		DIVERSION	351	609	1,583	1,730	1,902	2,360	2,286	2,078	1,979	702	452	250	16,282
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	163	282	732	801	880	1,092	1,057	961	915	325	210	116	7,534
		CONSUMPTIVE USE	189	329	853	932	1,024	1,271	1,231	1,120	1,066	379	244	135	8,773
CITY OF NEEDLES PUMPED FROM FOUR WELLS IN FLOODPLAIN		DIVERSION	113	92	155	216	262	289	319	250	225	216	170	154	2,461
		MEAS. RETURNS	13	11	15	22	27	30	33	27	23	25	16	14	256
		UNMEAS. RETURNS	13	11	14	21	26	29	32	26	22	24	16	14	248
	3/	CONSUMPTIVE USE	87	70	126	173	209	230	254	197	180	167	138	126	1,957
CHEMEHUEVI INDIAN RESERVATION PUMPED FROM RIVER AND WELLS		DIVERSION	0	0	242	242	48	240	244	240	240	0	0	0	1,496
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	0	0	112	112	22	111	113	111	111	0	0	0	692
		CONSUMPTIVE USE	0	0	130	130	26	129	131	129	129	0	0	0	804
METROPOLITAN WATER DISTRICT DIVERSION FROM LAKE HAVASU	4/5/	DIVERSION	767	36,515	16,657	77,392	84,138	102,121	101,079	93,584	92,458	98,151	99,967	36,875	839,704
WATER DIVERTED TO STORAGE FOR SNWA	4/	DIVERSION	0	0	0	0	0	0	0	0	0	0	0	0	10,000
WATER EXCHANGED WITH SDCWA	6/	DIVERSION	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	30,000
		MEAS. RETURNS	289	239	1,570	262	266	253	262	257	250	267	262	275	4,452
		UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		CONSUMPTIVE USE	2,978	38,776	17,587	79,630	86,372	104,368	103,317	95,827	94,708	100,384	102,205	49,100	875,252
PARKER DAM AND GOVERNMENT CAMP DIVERSION AT PARKER DAM		DIVERSION	4	3	7	19	19	22	23	21	19	6	11	11	165
		MEAS. RETURNS	1	1	1	1	10	10	10	10	10	1	1	1	57
		UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		CONSUMPTIVE USE	3	2	6	18	9	12	13	11	9	5	10	10	108
COLORADO RIVER INDIAN RESERVATION 4 RIVER PUMPS		DIVERSION	241	276	389	452	556	668	752	690	578	478	346	332	5,758
BIG RIVER WATER DEPT. - 8 WELLS		DIVERSION	53	41	68	106	133	154	191	15	154	123	34	84	1,156
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
	7/	UNMEAS. RETURNS	127	137	198	242	298	356	408	305	317	260	165	180	2,993
		CONSUMPTIVE USE	167	180	259	316	391	466	535	400	415	341	215	236	3,921
CITY OF WINTERHAVEN PUMPED FROM 1 WELL IN FLOODPLAIN	8/	DIVERSION	4	6	8	8	10	12	13	13	10	8	6	6	104
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	1	2	3	3	3	4	4	4	3	3	2	2	34
		CONSUMPTIVE USE	3	4	5	5	7	8	9	9	7	5	4	4	70
PALO VERDE IRRIGATION DISTRICT DIVERSION FROM PALO VERDE DAM		DIVERSION	19,420	22,970	61,400	82,610	94,260	101,700	105,400	81,410	88,620	56,190	43,990	42,490	800,460
		MEAS. RETURNS	28,785	28,024	31,511	36,571	36,411	37,845	41,188	40,843	40,634	38,983	35,571	34,330	430,696
		UNMEAS. RETURNS	1,088	1,286	3,438	4,626	5,279	5,695	5,902	4,559	4,963	3,147	2,463	2,379	44,825
		CONSUMPTIVE USE	-10,453	-6,340	26,451	41,413	52,570	58,160	58,310	36,008	43,023	14,060	5,956	5,781	324,939
YUMA PROJECT, RES. DIV. INDIAN UNIT DIVERSION AT IMPERIAL DAM		DIVERSION	1,908	1,096	4,924	6,624	6,628	2,824	2,560	2,574	2,644	5,848	4,214	2,959	44,803
		MEAS. RETURNS	88	9	12	86	173	47	50	65	59	192	135	70	986
		UNMEAS. RETURNS	319	183	822	1,106	1,107	472	428	430	442	977	704	494	7,484
YUMA PROJECT, RES. DIV. BARD UNIT DIVERSION AT IMPERIAL DAM		DIVERSION	1,186	1,010	3,424	4,507	5,460	4,444	4,104	2,331	3,395	3,267	3,294	2,115	38,537
		MEAS. RETURNS	37	5	5	36	93	44	55	34	49	65	65	31	519
		UNMEAS. RETURNS	198	169	572	753	912	742	685	389	567	546	550	353	6,436
YUMA PROJECT, RESERVATION DIVISION UNASSIGNED RETURNS	9/	MEAS. RETURNS	1,916	2,616	2,340	2,270	3,072	2,163	2,472	2,487	1,995	2,015	2,644	2,047	28,037
TOTAL YUMA PROJECT, RESERVATION DIV. USE		CONSUMPTIVE USE	536	-876	4,597	6,880	6,731	3,800	2,974	1,500	2,927	5,320	3,410	2,079	39,878

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 2005
STATE OF CALIFORNIA

WATER USER	12/17/06		(ACRE-FEET)												
	Ftnts		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
IMPERIAL IRRIGATION DISTRICT															
DIVERSION AT IMPERIAL DAM	5/	DIVERSION	107,626	92,107	264,840	319,404	340,457	318,711	339,173	264,213	265,738	216,677	187,354	144,226	2,860,526
		MEAS. RETURNS	8,713	1,214	1,013	6,990	15,329	9,245	12,566	10,898	10,017	11,952	10,017	5,726	103,680
		UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		CONSUMPTIVE USE	98,913	90,893	263,827	312,414	325,128	309,466	326,607	253,315	255,721	204,725	177,337	138,500	2,756,846
WATER TRANSFERRED TO SDCWA	10/	DIVERSION	0	0	0	0	0	0	0	0	0	0	0	0	0
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		CA CONSUMPTIVE USE	0	0	0	0	1267	8262	5471	0	0	0	0	0	15,000
COACHELLA VALLEY WATER DISTRICT															
DIVERSION AT IMPERIAL DAM		DIVERSION	8,216	8,543	23,097	31,227	38,540	36,885	39,172	34,017	29,734	24,063	25,303	17,682	316,479
		MEAS. RETURNS	665	113	88	683	1,735	1,070	1,451	1,403	1,121	1,327	1,353	702	11,711
		UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		CONSUMPTIVE USE	7,551	8,430	23,009	30,544	36,805	35,815	37,721	32,614	28,613	22,736	23,950	16,980	304,768
OTHER USERS PUMPING FROM COLORADO RIVER AND WELLS IN FLOOD PLAIN															
DAVIS DAM TO INTERNATIONAL BOUNDARY	11/	DIVERSION	910	1,088	1,628	1,791	2,188	2,302	2,493	2,407	2,187	1,716	1,462	1,188	21,360
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	399	478	718	792	964	1,015	1,098	1,062	966	757	645	524	9,418
		CONSUMPTIVE USE	511	610	910	999	1,224	1,287	1,395	1,345	1,221	959	817	664	11,942
CALIFORNIA TOTALS															
		DIVERSION	143,300	166,858	380,924	528,831	577,103	575,235	600,311	486,346	490,483	409,947	369,105	260,873	4,989,316
		MEAS. RETURNS	40,507	32,232	36,555	46,921	57,116	50,707	58,087	56,024	54,158	54,827	50,064	43,196	580,394
		UNMEAS. RETURNS	2,308	2,548	6,609	8,456	9,491	9,516	9,727	7,847	8,306	6,039	4,755	4,062	79,664
		CONSUMPTIVE USE	100,485	132,078	337,760	473,454	511,763	523,274	537,968	422,475	428,019	349,081	314,286	213,615	4,344,258

Note: The term 'CONSUMPTIVE USE' as used in this tabulation means diversions including ground water pumping, less measured return flow and less current estimated unmeasured return flow to the river.

Footnotes:

- 1/ Totals may differ from the sum of the monthly values due to rounding to the nearest acre-foot.
- 2/ Monthly diversion amounts are provided by the user. Water delivered by Needles is provided by the City of Needles. Diversion listed as Pumped From River and Wells is provided by the Fort Mojave Indian Tribe.
- 3/ A portion of this Colorado River use is offset by pumping from the LCWSP. Details shown in the LCWSP Section of this report.
- 4/ MWD diversion and consumptive use figures include 10 kaf diverted to storage for SNWA as shown. MWD diversion figures do not include 176 af diverted in October for delivery to Tijuana, Mexico
- 5/ Water captured and stored by MWD and IID at Reclamation's request is tabulated in this report under Water Subject to Temporary Re-Regulation. During the year of capture, this water is not included in the MWD, IID, or State of California diversion and consumptive use totals.
- 6/ Water conserved by IID and transferred to SDCWA, in accordance with the CRWDA, Exhibit B, Column 5, and the IID/SDCWA Water Transfer Agreement. At SDCWA's election, the water was delivered by the Secretary to Lake Havasu under Article 4(c) of the CRWDA and there made available by SDCWA to MWD under the terms of the SDCWA/MWD Exchange Agreement. Reclamation's future Water Accounting reports will reflect variations in the water delivery arrangements as they occur.
- 7/ Unmeasured returns calculated as 40% of Big River pumpage.
- 8/ Reported annual total only, distributed monthly according to the monthly use patterns of nearby users.
- 9/ Unassigned Measured Returns include drainage from the Indian Unit and the Bard Unit in the Reservation Division but excludes seepage from the All-American Canal.
- 10/ This entry represents water to be conserved by IID and transferred to SDCWA, in accordance with CRWDA, Exhibit B, Column 7, and the IID/SDCWA Water Transfer Agreement, as amended. Water subject to temporary re-regulation was captured and temporarily stored by IID at Reclamation's request in 2004. A portion of the temporarily re-regulated water was restored to the system when Exhibit B, column 7 obligation for 2005 was met from the re-regulatory water stored in IID's system. The use of this water does not constitute California agricultural usage for the purposes of meeting the ISG benchmark.
- 11/ Details can be found on the California Supplemental Sheets.

CALIFORNIA SUPPLEMENTAL TABULATION
CALENDAR YEAR 2005
STATE OF CALIFORNIA

WATER USER	12/17/06			(ACRE-FEET)												
	Ftnts	USGS#	1/	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
De Soto Ranch	2/	CEW-17		0	0	0	0	0	0	0	0	0	0	0	0	0
De Soto Ranch	2/	CEW-18		0	0	0	0	0	0	0	0	0	0	0	0	0
Southern California Gas	3/1/4/	CEW-21		2	2	3	4	4	5	6	6	4	4	3	3	46
Pacific Gas & Electric Company	4/			1	1	2	2	2	3	3	3	2	2	1	1	23
Havasu Water Company T5N/R25E SEC31	4/	Needles rpt.		3	3	4	5	6	7	8	7	6	5	3	3	60
Wells reported under non-Federal subcontracts to LCWSP	4/	Needles rpt.		7	8	12	12	15	18	20	19	15	13	10	9	158
SUBTOTALS, DAVIS DAM TO PARKER DAM	5/	DIVERSION		13	14	21	23	27	33	37	35	27	24	17	16	287
		MEAS. RETURNS		0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS		4	4	6	7	8	10	11	10	8	7	5	5	85
		CONSUMPTIVE USE		9	10	15	16	19	23	26	25	19	17	12	11	202
Citrus Ranch (Lye, C. L.)	6/3/	CEW-16		2	3	4	4	5	6	6	6	5	4	3	3	51
Lake Enterprises of California				1	1	1	2	2	1	1	2	1	0	2	0	14
BLM Permittees (LHFO & YFO)	7/11/			23	22	30	31	51	52	55	47	41	33	29	23	437
SUBTOTALS, PARKER DAM TO IMPERIAL DAM	5/	DIVERSION		26	26	35	37	58	59	62	55	47	37	34	26	502
		BLM UNMEAS. RETURNS		5	4	7	8	13	14	14	12	10	8	7	6	108
		UNMEAS. RETURNS		1	2	2	3	3	3	3	4	3	2	2	1	29
		CONSUMPTIVE USE		20	20	26	26	42	42	45	39	34	27	25	19	365
Wetmore, Kenneth C.	7/3/			0	0	0	0	1	1	1	1	1	0	0	0	5
Williams, Jerry O. & Deloris P.	7/3/			0	0	0	0	0	0	0	0	0	0	0	0	0
Lindeman, William H. & Hazel D.	7/3/			0	0	0	0	0	0	1	0	0	0	0	0	1
Carney, Jerome D.	7/3/			0	0	0	0	0	0	1	0	0	0	0	0	1
Wetmore, Mark M.	7/3/			0	0	1	1	1	2	2	1	1	1	0	0	10
<u>FORT YUMA IR - CA</u>																
Valdez, Mike	3/	CDP-1, 2, CEW-1		43	53	73	79	96	117	127	122	96	81	57	56	1,000
Living Earth Farm	3/	CEW-2, CDP-3		23	29	40	43	53	64	70	67	53	44	31	31	548
Mike Valdez	3/	CEW-3, CDP-4, CDW-1		133	167	228	246	300	364	398	383	301	252	179	176	3,127
MivCo Packing	2/3/	CEW-14		40	50	93	115	125	56	22	58	164	11	272	51	1,057
Valdez, Mike	2/3/	CEW-15		0	0	0	0	0	0	0	0	0	0	0	0	0
Ranch "5" Lands, Yuma Island, CA (530 ac)	8/	AAC diversion		53	24	147	179	231	21	43	21	190	170	95	67	1,240
Huerta Packing	6/3/	CDP-6/7		16	20	27	29	36	44	48	46	36	30	21	21	374
<u>Sum of pumping on FYIR - CA</u>	5/			308	343	608	691	841	666	708	697	840	588	655	402	7,347
<u>YUMA ISLAND - CA</u>																
<u>Arizona State Land Department Lessees</u>																
Horizon Farms	6/9/			292	364	497	537	657	797	869	836	657	551	391	385	6,833
Freschi farms (Horizon Farms)	2/3/	CDW-5, CEW-7		57	72	98	106	129	157	171	164	129	108	77	76	1,344
Land, K. H.	2/3/	CDW-8 (CEW-12)		41	52	71	76	83	113	123	119	93	78	55	55	959
Easterday Farms	2/3/10/	CEW-22		6	8	11	12	14	17	19	18	14	12	8	8	147
Wilson Farms	2/	CEW-11		0	0	0	0	0	0	0	0	0	0	0	0	0
R. Harp	6/	CDW-2		23	29	39	42	52	63	69	66	52	44	31	30	540
Dees, Alex	2/	CEW-9		104	130	178	192	234	284	310	299	235	197	140	137	2,440
Mike Palmer (Power, L.O.)	6/	CEW-13		40	50	69	74	91	110	120	116	91	76	54	53	944
<u>Sum of pumping on Yuma Island - CA</u>	5/			563	705	963	1,039	1,260	1,541	1,681	1,618	1,271	1,066	756	744	13,207
SUBTOTALS, ALL USES BELOW IMPERIAL DAM	5/	DIVERSION		871	1,048	1,572	1,731	2,103	2,210	2,394	2,317	2,113	1,655	1,411	1,146	20,571
		MEAS. RETURNS		0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS		389	468	703	774	940	988	1,070	1,036	945	740	631	512	9,196
		CONSUMPTIVE USE		482	580	869	957	1,163	1,222	1,324	1,281	1,168	915	780	634	11,375
=====																
TOTAL CALIFORNIA SUPPLEMENTAL TABULATION		DIVERSION		910	1,088	1,628	1,791	2,188	2,302	2,493	2,407	2,187	1,716	1,462	1,188	21,360
		MEAS. RETURNS		0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS		399	478	718	792	964	1,015	1,098	1,062	966	757	645	524	9,418
		CONSUMPTIVE USE		511	610	910	999	1,224	1,287	1,395	1,345	1,221	959	817	664	11,942

CALIFORNIA SUPPLEMENTAL TABULATION
 CALENDAR YEAR 2005
 STATE OF CALIFORNIA

12/17/06

(ACRE-FEET)

WATER USER	Ftns	USGS#	1/	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
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Footnotes:

- 1/ Reference number listed on the annual USGS, Yuma Field Office report "Pumped Diversions From The Colorado River and Adjacent Floodplain", or the column contains a comment.
- 2/ Calculated from monthly power records and power-discharge measurements where available, otherwise from power-discharge rate.
- 3/ Reported annual total only, distributed monthly according to the monthly use patterns of nearby users.
- 4/ Use is offset by pumping from the LCWSP. Details shown in the LCWSP Section of this report.
- 5/ Monthly and annual totals rounded and displayed to the nearest whole number.
- 6/ Calculated by assuming an annual diversion rate of 6.25 af per acre.
- 7/ Location of well/pump not reported.
- 8/ Surface water diversions from the AAC through Bard Water District. Use calculated by prorating total measured delivery by relative acreage in each state.
 Bard Water District diversion has been reduced by the total delivery to Ranch 5 in AZ and CA.
- 9/ Diversion pumpage indentified by the following equipment codes CEP-1,2,3 CDW-3,4,5,7 CEW-4,5,6,8,10 CDP-5 CDEW-1
- 10/ This well was reactivated in 2005.
- 11/ At the request of BLM, site specific unmeasured return flow factors have been developed and applied in CA.

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 2005
STATE OF NEVADA

12/17/06

(ACRE-FEET)

WATER USER	Ftnts	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
BOULDER CANYON PROJECT														
DIVERSION AT HOOVER DAM	DIVERSION	5	5	7	6	6	8	8	9	6	4	4	4	72
	MEAS. RETURNS	2	2	3	3	3	4	4	4	3	3	3	3	37
	UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
	CONSUMPTIVE USE	3	3	4	3	3	4	4	5	3	1	1	1	35
ROBERT B. GRIFFITH WATER PROJECT														
DIVERSION AT SADDLE ISLAND, LAKE MEAD	DIVERSION	27,171	24,083	31,642	36,824	47,850	45,581	50,720	45,425	42,320	42,985	34,313	28,373	457,287
	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	27,171	24,083	31,642	36,824	47,850	45,581	50,720	45,425	42,320	42,985	34,313	28,373	457,287
LAKE MEAD NATIONAL RECREATION AREA														
DIVERSIONS FROM LAKE MEAD	DIVERSION	38	36	44	55	68	75	92	92	92	73	62	60	787
	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	38	36	44	55	68	75	92	92	92	73	62	60	787
LAKE MEAD NATIONAL RECREATION AREA														
DIVERSION FROM LAKE MOHAVE (COTTONWOOD)	DIVERSION	12	11	13	15	18	21	23	22	21	21	15	15	207
	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	12	11	13	15	18	21	23	22	21	21	15	15	207
BASIC MANAGEMENT INC.														
DIVERSION AT SADDLE ISLAND, LAKE MEAD	DIVERSION	466	414	427	504	454	471	533	556	554	487	407	547	5,820
	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	466	414	427	504	454	471	533	556	554	487	407	547	5,820
CITY OF HENDERSON														
DIVERSION AT SADDLE ISLAND, LAKE MEAD	DIVERSION	420	539	585	1,015	1,052	833	1,564	1,399	1,541	1,591	1,188	846	12,573
	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	420	539	585	1,015	1,052	833	1,564	1,399	1,541	1,591	1,188	846	12,573
NEVADA DEPARTMENT OF FISH & GAME														
DIVERSION AT SADDLE ISLAND, LAKE MEAD	DIVERSION	1	0	1	8	29	95	222	362	473	466	460	445	2,562
	MEAS. RETURNS	0	0	1	7	28	94	221	361	472	465	459	444	2,552
	UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
	CONSUMPTIVE USE	1	0	0	1	1	1	1	1	1	1	1	1	10
CITY OF BOULDER CITY														
DIVERSION AT HOOVER DAM	DIVERSION	0	0	0	0	0	0	0	0	0	0	0	0	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
PACIFIC COAST BUILDING PRODUCTS INC.														
DIVERSION AT GYPSUM WASH, LAKE MEAD	DIVERSION	82	80	87	83	76	70	79	78	73	87	67	58	920
	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	82	80	87	83	76	70	79	78	73	87	67	58	920
MOHAVE GENERATING STATION (SO. CAL. EDISON)														
PUMPED FROM 1 WELL	DIVERSION	999	650	1,046	652	1,174	1,212	1,204	1,251	1,103	1,139	895	1,076	12,401
	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	999	650	1,046	652	1,174	1,212	1,204	1,251	1,103	1,139	895	1,076	12,401

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 2005
STATE OF NEVADA

		12/17/06	(ACRE-FEET)												
WATER USER	Ftns	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/	
BIG BEND WATER DISTRICT-LAUGHLIN, NV															
		DIVERSION	299	252	336	392	404	426	472	455	464	438	368	334	4,640
		MEAS. RETURNS	191	188	213	211	226	234	262	260	227	228	211	192	2,643
		UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		CONSUMPTIVE USE	108	64	123	181	178	192	210	195	237	210	157	142	1,997
FORT MOJAVE INDIAN RESERVATION PUMPED FROM 2 WELLS IN FLOODPLAIN															
	3/	DIVERSION	98	157	309	536	741	786	726	675	574	311	331	138	5,382
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	32	52	102	177	245	259	240	223	189	103	109	46	1,777
		CONSUMPTIVE USE	66	105	207	359	496	527	486	452	385	208	222	92	3,605
LAS VEGAS WASH RETURN FLOWS															
	4/	RETURNS	19,468	16,945	18,018	16,703	15,503	15,820	17,206	17,394	15,526	17,892	16,872	16,517	203,864
OTHER USERS PUMPING FROM COLORADO RIVER AND WELLS IN FLOOD PLAIN DAVIS DAM TO CALIFORNIA BOUNDARY															
	5/	DIVERSION	0	0	0	0	0	0	0	0	0	0	0	0	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
NEVADA TOTALS															
		DIVERSION	29,591	26,227	34,497	40,090	51,872	49,578	55,643	50,324	47,221	47,602	38,110	31,896	502,651
		MEAS. RETURNS	19,661	17,135	18,235	16,924	15,760	16,152	17,693	18,019	16,228	18,588	17,545	17,156	209,096
		UNMEAS. RETURNS	32	52	102	177	245	259	240	223	189	103	109	46	1,777
		CONSUMPTIVE USE	9,898	9,040	16,160	22,989	35,867	33,167	37,710	32,082	30,804	28,911	20,456	14,694	291,778
GROUNDWATER INJECTED STORAGE LAS VEGAS VALLEY WATER DIST.															
	6/	INJECTED	4,031	3,242	1,573	25	0	0	0	0	2,676	3,693	628	15,868	
		WITHDRAWN	0	0	0	0	0	0	0	141	207	136	88	572	
CITY OF NORTH LAS VEGAS															
		INJECTED	0	0	0	0	0	0	0	0	0	0	0	0	0
		WITHDRAWN	0	0	0	0	0	0	0	0	0	0	0	0	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.

Footnotes:

- 1/ Totals may differ from the sum of the monthly values due to rounding to the nearest acre-foot.
- 2/ As of mid 2003 Boulder City had discontinued diverting water directly from Lake Mead but purchases its water from SNWA.
- 3/ Diversions provided by the user. Calculated by adding M&I use to the product of the acreage of each crop type times the crop specific evapotranspiration, times irrigation efficiency.
- 4/ Estimated return based on historic use method adopted by the task force on unmeasured return flows on August 28, 1984 and revised as noted in USBR letter to SNWA and CRCN dated July 29, 2003.
- 5/ Details on Nevada Supplemental Sheets.

6/ Nevada Injected Storage Balance:	A/ Beginning of Year Cumulative Injected Storage	295,733
	Plus Current Year Additions	15,868
	Minus Current Year Withdrawals	<u>572</u>
	End of Year Cumulative Injected Storage	311,029

A/ Colorado River water injected into ground water storage is accounted as a consumptive use in the year in which it is diverted from the Colorado River. It will not be accounted as a consumptive use in the year in which it is withdrawn from storage, but because it originated as Colorado River water it will be accounted for as a return flow credit in the year in which it returns to the Colorado River.

NEVADA SUPPLEMENTAL TABULATION
 CALENDAR YEAR 2005
 STATE OF NEVADA

12/17/06

(ACRE-FEET)

WATER USER	Ftnts	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
Sportsman's Park	1/	0	0	0	0	0	0	0	0	0	0	0	0	0
Boy Scouts of America	1/2/	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nevada Supplemental Tabulation		0	0	0	0	0	0	0	0	0	0	0	0	0
	DIVERSION	0	0	0	0	0	0	0	0	0	0	0	0	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

Footnotes:

1/ Pumped uses for each diverter listed for Nevada were zero in 2005.

2/ Lands belonging to the Boy Scouts of America were sold to SNWA in December 2005

**RECORDS OF RELEASES OF MAINSTREAM WATER PURSUANT TO
ORDERS BUT NOT DIVERTED BY PARTY ORDERING THE SAME,
AND THE QUANTITY OF SUCH WATER DELIVERED TO MEXICO IN
SATISFACTION OF THE 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 ET AL. DATED MARCH 9, 1964**

The following tabulations for calendar year 2005 show records of releases of mainstream water pursuant to orders therefor but not diverted by the party ordering the same (rejected water), and the quantity of such water delivered to Mexico in satisfaction of the Mexican Treaty or diverted by others in satisfaction of decreed rights. In addition to the requirements of the Decree, Reclamation has tabulated quantities of such rejected water passing to Mexico in excess of treaty requirements and quantities captured in storage in federally operated facilities. Reclamation is revising the methodology used to pro-rate individual contributions of rejected water passing to Mexico in excess of treaty requirements. When the methodology is completed, the tabulation will contain figures for each of the four dispositions of rejected water listed.

Water ordered but not diverted was analyzed daily for each diverter as the absolute value of the difference between the approved daily order and the mean daily delivery on the day the diversion was made. The monthly quantities shown on the tabulations are the sum of the daily quantities. Daily orders are provided to Reclamation in advance of the delivery date by the amount of time required for water to travel between the storage location and the user's point of diversion from the

mainstream. To the extent possible, water ordered but not diverted was delivered to others in satisfaction of their rights. Deliveries of water to Mexico in satisfaction of the Mexican Treaty are scheduled based on Mexico's daily orders. Releases from storage are scheduled in sufficient quantities which, when added to return flows, 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 do not show entries for water ordered but not diverted as being delivered to Mexico in satisfaction of the treaty.

Currently, no daily orders are received from Nevada for diversion from the Colorado River 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 not pass to Mexico in excess of treaty requirements.

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 1/
 CALENDAR YEAR 2005
 STATE OF ARIZONA

WATER USER	12/17/06 Ftns	12/17/06 (ACRE-FEET)												TOTAL
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
CENTRAL ARIZONA PROJECT, DIVERSION AT LAKE HAVASU ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY		5,125	4,066	12	0	486	499	2,536	2,566	0	1,591	3,171	362	20,414
DIVERTED BY OTHERS CAPTURED IN STORAGE DELIVERED TO MEXICO IN EXCESS OF TREATY	2/	5,125	4,066	12	0	486	499	2,536	2,566	0	1,591	3,171	362	20,414
CO. RIVER INDIAN RESERVATION, DIVERSION AT HEADGATE ROCK ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY		0	0	0	0	0	0	0	0	0	0	0	0	0
DIVERTED BY OTHERS CAPTURED IN STORAGE DELIVERED TO MEXICO IN EXCESS OF TREATY	2/													
NORTH GILA VALLEY I.D., DIVERSION AT IMPERIAL DAM ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY		2,471	1,942	1,928	2,825	2,819	3,513	2,864	2,531	1,523	3,404	3,999	4,023	33,842
DIVERTED BY OTHERS CAPTURED IN STORAGE DELIVERED TO MEXICO IN EXCESS OF TREATY	2/													
GILA MONSTER FARMS, GILA PROJECT DISTRICTS DIVERSION AT IMPERIAL DAM ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY		0	0	0	0	0	0	0	0	0	0	0	0	0
DIVERTED BY OTHERS CAPTURED IN STORAGE DELIVERED TO MEXICO IN EXCESS OF TREATY	2/													
WELLTON-MOHAWK I.& D. DISTRICT, DIVERSION AT IMPERIAL DAM ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY		10,776	6,140	0	0	0	0	2,333	5,517	2,803	10,749	6,428	11,021	55,767
DIVERTED BY OTHERS CAPTURED IN STORAGE DELIVERED TO MEXICO IN EXCESS OF TREATY	2/													
YUMA IRRIGATION DISTRICT, DIVERSION AT IMPERIAL DAM ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY		0	0	0	0	0	0	12	129	0	0	0	0	141
DIVERTED BY OTHERS CAPTURED IN STORAGE DELIVERED TO MEXICO IN EXCESS OF TREATY	2/													

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 1/
CALENDAR YEAR 2005
STATE OF ARIZONA

WATER USER	12/17/06 Ftnts	(ACRE-FEET)												TOTAL
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YUMA MESA I.& D. DISTRICT, DIVERSION AT IMPERIAL DAM ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY		1,507	1,228	2,132	3,980	0	0	9,799	1,556	0	3,061	2,979	0	26,242
DIVERTED BY OTHERS CAPTURED IN STORAGE DELIVERED TO MEXICO IN EXCESS OF TREATY	2/													
UNIT "B" I.& D. DISTRICT, DIVERSION AT IMPERIAL DAM ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY		83	316	406	389	831	1,182	505	774	339	410	388	0	5,623
DIVERTED BY OTHERS CAPTURED IN STORAGE DELIVERED TO MEXICO IN EXCESS OF TREATY	2/													
YUMA COUNTY WATER USERS ASSN., DIVERSION AT IMPERIAL DAM ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY		7,164	5,972	3,752	2,689	4,152	1,831	5,055	4,312	6,400	4,732	6,821	5,786	58,666
DIVERTED BY OTHERS CAPTURED IN STORAGE DELIVERED TO MEXICO IN EXCESS OF TREATY	2/													
ARIZONA TOTALS ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY		27,126	19,664	8,230	9,883	8,288	7,025	23,104	17,385	11,065	23,947	23,786	21,192	200,695
DIVERTED BY OTHERS CAPTURED IN STORAGE DELIVERED TO MEXICO IN EXCESS OF TREATY	2/	5,125	4,066	12	0	486	499	2,536	2,566	0	1,591	3,171	362	20,414
	3/													

Footnotes:

- 1/ Reclamation is revising the methodology used to determine the disposition, by user, of the Water Ordered but not Diverted. As outlined in the table it may be diverted by another water user, stored, or passing to Mexico in excess of the 1944 Treaty requirements. Until the methodology and software are completed, Reclamation will not report the disposition of Water Ordered but not Diverted.
2/ Stored in Lake Havasu, Imperial Reservoir, behind Laguna Dam, or Senator Wash Reservoir for future use.
3/ For the total amount of water passing to Mexico in Excess of Schedule, please see the next section of this report which contains the Deliveries to Mexico.

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 1/
CALENDAR YEAR 2005
STATE OF CALIFORNIA

WATER USER	12/17/06	(ACRE-FEET)												TOTAL
	Fnts	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
METROPOLITAN WATER DISTRICT, DIVERSION AT LAKE HAVASU ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY		1,843	3,988	7,839	5,196	7,085	2,064	4,089	5,172	2,181	2,608	2,148	1,005	45,218
METROPOLITAN WATER DISTRICT, DIVERSION AT LAKE HAVASU DIVERTED BY OTHERS DELIVERED TO STORAGE DELIVERED TO MEXICO IN EXCESS OF TREATY	2/	1,843	3,988	7,839	5,196	7,085	2,064	4,089	5,172	2,181	2,608	2,148	1,005	45,218
PALO VERDE IRRIGATION DISTRICT, DIVERSION AT PALO VERDE DAM ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY		0	0	0	1,210	0	0	37,201	486	0	0	83	1,043	40,023
PALO VERDE IRRIGATION DISTRICT, DIVERSION AT PALO VERDE DAM DIVERTED BY OTHERS DELIVERED TO STORAGE DELIVERED TO MEXICO IN EXCESS OF TREATY	2/													
YUMA PROJECT RESV. DIVISION, DIVERSION AT IMPERIAL DAM ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY		4,513	3,986	494	1,819	935	2,759	2,856	3,247	2,699	2,373	5,593	5,836	37,110
YUMA PROJECT RESV. DIVISION, DIVERSION AT IMPERIAL DAM DIVERTED BY OTHERS DELIVERED TO STORAGE DELIVERED TO MEXICO IN EXCESS OF TREATY	2/													
IMPERIAL IRRIGATION DISTRICT, DIVERSION AT IMPERIAL DAM ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY		15,776	22,163	20,304	8,182	5,743	2,519	6,443	12,768	0	14,542	3,844	63	112,347
IMPERIAL IRRIGATION DISTRICT, DIVERSION AT IMPERIAL DAM DIVERTED BY OTHERS DELIVERED TO STORAGE DELIVERED TO MEXICO IN EXCESS OF TREATY	2/													
COACHELLA VALLEY WATER DIST., DIVERSION AT IMPERIAL DAM ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY		2,295	2,184	0	0	0	0	0	0	690	225	0	2,808	8,202
COACHELLA VALLEY WATER DIST., DIVERSION AT IMPERIAL DAM DIVERTED BY OTHERS DELIVERED TO STORAGE DELIVERED TO MEXICO IN EXCESS OF TREATY	2/													
CALIFORNIA TOTALS ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY		24,427	32,321	28,637	16,407	13,763	7,342	50,589	21,673	5,570	19,748	11,668	10,755	242,900
CALIFORNIA TOTALS DIVERTED BY OTHERS DELIVERED TO STORAGE DELIVERED TO MEXICO IN EXCESS OF TREATY	2/	0	0	0	0	0	0	0	0	0	0	0	0	0
CALIFORNIA TOTALS DELIVERED TO STORAGE DELIVERED TO MEXICO IN EXCESS OF TREATY	2/	1,843	3,988	7,839	5,196	7,085	2,064	4,089	5,172	2,181	2,608	2,148	1,005	45,218
CALIFORNIA TOTALS DELIVERED TO STORAGE DELIVERED TO MEXICO IN EXCESS OF TREATY	3/	0	0	0	0	0	0	0	0	0	0	0	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 1/
 CALENDAR YEAR 2005
 STATE OF CALIFORNIA

WATER USER	12/17/06 Fnts	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
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Footnotes:

- 1/ Reclamation is revising the methodology used to determine the disposition, by user, of the Water Ordered but not Diverted. As outlined in the table it may be diverted by another water user, stored, or passing to Mexico in excess of the 1944 Treaty requirements. Until the methodology and software are completed, Reclamation will not report the disposition of Water Ordered but not Diverted.
- 2/ Stored in Lake Havasu, Imperial Reservoir, behind Laguna Dam, or Senator Wash Reservoir for future use.
- 3/ For the total amount of water passing to Mexico in Excess of Schedule, please see the next section of this report which contains the Deliveries to Mexico.

**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 ET AL. DATED MARCH 9, 1964**

WATER PASSING TO MEXICO IN EXCESS OF TREATY REQUIREMENTS
CALENDAR YEAR 2005

WATER USER	12/17/06 Fmts	(ACRE-FEET)												TOTAL
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
DELIVERY TO NIB	1/	131,391	177,873	206,171	188,141	102,252	98,785	112,184	108,872	80,706	77,113	88,369	115,294	1,487,151
DELIVERY TO THE RIVER LIMITROPHE	2/	820	701	603	303	360	200	278	433	893	1,640	1,358	1,043	8,632
DELIVERY TO SIB		8,488	7,683	8,849	10,738	10,885	10,753	11,533	8,964	10,572	11,790	10,015	10,113	120,383
DIVERSION FOR DELIVERY AT TIJUANA	3/	0	0	0	0	0	0	0	0	0	176	0	0	176
TOTAL DELIVERY IN SATISFACTION OF TREATY	4/	140,699	186,257	215,623	199,182	113,497	109,738	123,995	118,269	92,171	90,719	99,742	126,450	1,616,342
TO MEXICO AS SCHEDULED		128,111	152,979	204,112	197,528	104,228	109,271	121,598	97,713	89,308	74,789	98,764	121,599	1,500,000
TO MEXICO IN EXCESS OF SCHEDULE	5/	12,588	33,278	11,511	1,654	9,269	467	2,397	20,556	2,863	15,930	978	4,851	116,342
WATER BYPASSED PURSUANT TO MINUTE 242 OF THE IBWC		9,379	8,089	9,305	9,625	9,990	9,528	9,289	8,375	8,957	10,070	9,591	6,228	108,426

Footnotes:

1/ Flow in the river at the Northerly International Boundary.

2/ Wasteway deliveries to the river limitrophe via the Cooper, 11 mile, and 21 mile lateral wasteways in satisfaction of the 1944 Treaty requirements.

3/ Temporary emergency delivery of Colorado River water for Tijuana is diverted at Lake Havasu by MWD and delivered via the Colorado River Aqueduct,

MWD, SDCWA, and Otay Water District's distribution systems pursuant to Minute No. 310 of the IBWC.

4/ Water delivered to Mexico and charged against treaty requirements. It does not include Water Bypassed Pursuant to Minute No. 242 of the IBWC.

5/ Water that is lost to the United States through flows and/or releases into the Colorado River above Morelos Dam in excess of Lower Division States deliveries.

**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 ET AL. DATED MARCH 9, 1964**

12/17/06		CALENDAR YEAR 2005												TOTAL
		(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

Footnote:

1/ For additional information about deliveries to the Gila and San Francisco Rivers, please see the annual report of the New Mexico Interstate Stream Commission, attached as a pdf file within the CD at the back of this report.

**INFORMATION SUPPLEMENTAL TO THE REQUIREMENTS
OF THE DECREE OF THE
SUPREME COURT OF THE UNITED STATES
IN
*ARIZONA V. CALIFORNIA ET. AL.***

The information contained in the following sections of this report is supplemental to the records required under Article V of the 1964 Supreme Court Decree in *Arizona v. California et.al.* The information is tabulated here to provide a broader record of activities relating to federal management of the Colorado River in a single, concise report. The final section contains documents significant to the actions taken by Reclamation, Lower Division States, and water user agencies.

INTERSTATE BANKING WITHIN THE STATES OF ARIZONA, CALIFORNIA, AND NEVADA

The Bureau of Reclamation developed and implemented a rule that establishes the procedural framework for carrying out an interstate water banking program. The rule is codified in 43 CFR Part 414. Authorized parties may enter into agreements whereby Colorado River water may be stored off stream in one state for future benefit of consuming entities in another state.

Reclamation, on behalf of the Secretary of the Interior (Secretary), executed a Storage and Interstate Release Agreement (SIRA) with Southern Nevada Water Authority (SNWA), Colorado River Commission of Nevada (CRCN), and Arizona Water Banking Authority (AWBA). The SIRA is to provide structure and guidance, in accordance with Article II (B) (6) of the Decree, for the actions the Secretary will take in releasing Colorado River water to a specific entity in order to implement the interstate contractual distribution of water under the interstate banking program.

AWBA, SNWA, and CRCN executed an Interstate Water Banking Agreement that specifies the interstate banking relationship among those parties. This agreement establishes the terms and conditions for the off stream storage of Colorado River water in Arizona and the establishment of long-term storage credits for the benefit of SNWA.

Another element of this interstate banking program is an Agreement for Development of Intentionally Created Unused Apportionment (ICUA) between AWBA and Central Arizona Water Conservation District (CAWCD). CAWCD has obligated itself to accept water recovered by pumping groundwater, represented by Long-Term Storage Credits (LTSC). CAWCD reduces its diversion of Colorado River water through the Central Arizona Project by an equivalent amount, reducing Arizona's water consumption. The forbearance creates ICUA that is released by the Secretary for use by SNWA.

Reclamation accounts for Colorado River water diverted for storage in Arizona by AWBA, through CAWCD, as a consumptive use in Arizona in the year Colorado River water is diverted. LTSC are created for the account of consuming entities in Nevada or California. When LTSC are

recovered, the consuming entities in Nevada or California, pursuant to the SIRA, will divert Colorado River water in exchange for CAWCD's use of the LTSC. The Secretary will release ICUA created by AWBA through CAWCD's forbearance to the consuming entity in Nevada or California in that same year pursuant to Article II (B)(6) of the Decree in *Arizona v. California*. ICUA used in Nevada or California is accounted for as consumptive use of Colorado River water that year and is in addition to the basic apportionment of the state where the use occurs.

CRCN, SNWA, The Metropolitan Water District of Southern California (MWD), and the United States entered into a SIRA under which MWD agreed to store Nevada unused basic apportionment pursuant to Article II (B) (6) of the Decree. When SNWA calls upon this stored water, MWD will develop ICUA by withdrawing water that MWD has previously stored for SNWA and MWD will deliver this water for consumptive use in California. The ICUA developed by MWD through its reduced diversion of Colorado River water will be released by the Secretary for use by SNWA.

CAWCD stored Colorado River water underground in Arizona under a demonstration project in the early 1990s. CAWCD developed interstate underground storage (IUS) credits. CAWCD assigned IUS credits to SNWA and MWD under the 1992 agreement, as amended between MWD and CAWCD. IUS credits assigned to SNWA were incorporated into the subsequent AWBA, SNWA, CRCN Interstate Water Banking Agreement. Recovery of MWD's IUS credits is subject to the terms of the 1992 agreement.

The following tabulation lists Accumulated Long Term Storage Credits (ALTSC) verified by AWBA, provisional ALTSC accrued during the past year, Long Term Storage Credits recovered during the past year, ALTSC held for an entity with a SIRA, and IUS credits assigned to MWD by CAWCD.

STORAGE AND INTERSTATE RELEASE AGREEMENT
 COLORADO RIVER WATER STORED IN ONE STATE UNDER 43 CFR PART 414
 FOR THE BENEFIT OF SPECIFIC ENTITIES IN ANOTHER STATE
 CALENDAR YEAR 2005

12/17/06		(ACRE-FEET)													
		Ftnts	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
NEVADA		Verified BOY ALTSC	1/ 2/	125,260											
Water stored in Arizona		Accrued LTSC in 05	3/	0	0	0	0	0	0	0	0	0	0	120,541	120,541
for the benefit of SNWA.		Verified LTSC in 05	3a/	0	0	0	0	0	0	0	0	0	0	111,806	111,806
		Recovered LTSC in 05	4/	0	0	0	0	0	0	0	0	0	0	0	0
		Total ALTSC	5/	125,260	0	0	0	0	0	0	0	0	0	111,806	237,066
CALIFORNIA **		Verified BOY IUS Credits	6/	80,909											
Water stored in Arizona		Accrued LTSC in 05	3/	0	0	0	0	0	0	0	0	0	0	0	0
for the benefit of MWD.		Verified LTSC in 05	3a/	0	0	0	0	0	0	0	0	0	0	0	0
		Recovered IUS in 05	4/	0	0	0	0	0	0	0	0	0	0	0	0
		Total IUS Credits	5/	80,909	0	0	0	0	0	0	0	0	0	0	80,909
STATES TOTAL		Verified BOY ALTSC	1/	206,169											
Water stored in AZ for the benefit		Accrued LTSC in 05	3/	0	0	0	0	0	0	0	0	0	0	120,541	120,541
of Nevada and California Parties.		Verified LTSC in 05	3a/	0	0	0	0	0	0	0	0	0	0	111,806	111,806
		Recovered LTSC in 05	4/	0	0	0	0	0	0	0	0	0	0	0	0
		Total ALTSC	5/	206,169	0	0	0	0	0	0	0	0	0	111,806	317,975
WATER STORED BY MWD FOR THE BENEFIT OF NEVADA (SNWA)		Verified BOY ALTSC	7/	10,000											
NV Apportionment		Accrued LTSC in 05	7/	0	0	0	0	0	0	0	0	0	0	10,000	10,000
		Verified LTSC in 05	3b/	0	0	0	0	0	0	0	0	0	0	10,000	10,000
		Recovered LTSC in 05	7/	0	0	0	0	0	0	0	0	0	0	0	0
		Total ALTSC	7/	10,000	0	0	0	0	0	0	0	0	0	10,000	20,000
AMOUNT OF WATER STORED FOR THE BENEFIT OF NEVADA - CURRENT YEAR				0	0	0	0	0	0	0	0	0	0	121,806	121,806
TOTAL BALANCE OF WATER STORED FOR NEVADA WITHIN AZ AND CA			8/	135,260	0	0	0	0	0	0	0	0	0	121,806	257,066

** At present there is not a Storage and Interstate Release Agreement (SIRA) between the AWBA and a California entity, data from any future agreement will be presented here.

Footnotes:

- 1/ Accumulated Long-Term Storage Credits (ALTSC) verified by the banking party before the beginning of the reporting year (BOY) to be available for recovery by a specific entity with a valid SIRA. Requested Intentionally Created Unused Apportionment (ICUA) cannot exceed verified ALTSC.
- 2/ Final verified accounting of Accumulated Long-Term Storage Credits from AWBA, confirmed in letter to Reclamation dated July 18, 2006.
- 3/ Provisional LTSC accrued during the reporting year for the benefit of a specific consuming entity in Nevada or California with a valid SIRA. Provisional LTSC represent the amount of water diverted from the river and transported to the storage facility. Provisional LTSC have not been verified by AWBA or MWD and are not eligible for certification and recovery. Accruals of LTSC for the benefit of consuming entities in Nevada and California are limited to 200 kaf annually.
- 3a/ Storage credits accrued for SNWA during 2005, amount of LTSC available for recovery was verified by the AWBA in letter to Reclamation dated July 18, 2006.
- 3b/ Storage credits accrued for SNWA during 2005, amount of LTSC available for recovery was verified by MWD in letter to Reclamation dated January 20, 2006.
- 4/ ALTSC recovered by AWBA or MWD during the reporting year, represented by ICUA that AWBA or MWD have certified to be available and the Secretary has released to a specific entity with a valid SIRA during the same year. The ALTSC are certified by AWBA or MWD when ICUA is requested, and prior to its release by the Secretary. Total recovery of ALTSC from AWBA can not exceed 100 kaf annually, due to a limitation defined under Arizona State law. When water is released from storage, Arizona will be required to reduce its consumptive use under its state apportionment in an amount equal to Nevada's and/or California's requested release and Nevada and/or California will be allowed to exceed its apportionment by an amount equal to the ICUA made available by Arizona.
- 5/ Monthly sum of verified ALTSCs or recoverable Interstate Underground Storage (IUS) credits.
- 6/ Interstate Underground Storage (IUS) credits banked in CAWCD's name that are recoverable by MWD under CAWCD/MWD agreement of October 15, 1992. Total BOY IUS credits amount to 89,000acre-feet and were not reduced during the calendar year. Amount displayed are recoverable credits.
- 7/ In 2004 MWD, SNWA, and the Secretary of the Interior entered into a SIRA to allow MWD to divert and store water for the benefit of SNWA. Water stored in 2005, under this agreement by MWD, was Nevada unused apportionment. In 2005, Nevada was required to reduce its consumptive use by an amount equal to the total storage. When water is released from storage, CA will be required to reduce its consumptive use under its state apportionment in an amount equal to Nevada's requested release and Nevada will be allowed to exceed its apportionment by an amount equal to the ICUA made available by California.
- 8/ This balance includes both the BOY ALTSC balance as verified by the AWBA and the amount of water placed in storage within the current year. Verified ALTSC from 2005 diversions are shown.

INADVERTENT OVERRUNS AND PAYBACKS WITHIN THE STATES OF ARIZONA, CALIFORNIA, AND NEVADA

For various reasons, a user may inadvertently use (divert or consumptively use) Colorado River water in an amount that exceeds the amount lawfully available to the user (inadvertent overrun). Requirements have now been put in place for the repayment of such overruns.

The Colorado River Water Delivery Agreement (CRWDA) was signed October 10, 2003 by the Secretary of the Interior. Beginning in 2004, certain Districts within California agreed in the CRWDA to begin paybacks to the Colorado River system according to the payback schedule set forth in Exhibit C of the CRWDA in the aggregate amount of accrued overruns for CY 2001 and 2002. The CRWDA permits advance payback.

Reclamation has implemented an administrative policy that defines inadvertent overruns, establishes procedures to account for the inadvertent overruns, and sets forth the requirements for payback to the Colorado River system.

This Inadvertent Overrun and Payback Policy (IOPP) became effective January 1, 2004, and applies to inadvertent overruns of Colorado River water within the Lower Division States occurring after that date. The policy is set forth in 69 Federal Register 12,201 (2004).

The following tabulation displays two items associated with inadvertent overruns and paybacks: 1) the quantity of paybacks made by California parties under Exhibit C of the CRWDA and the remaining balance in each Exhibit C payback account; and 2) identification of entitlement holders who have inadvertently overrun since January 1, 2005, the amount of the overrun, repayments made to the Colorado River system, and the remaining overrun balance in each user's inadvertent overrun account.

The table titled Exhibit C reproduces Exhibit C from the CRWDA for convenient reference.

OVERRUNS, PAYBACKS, AND OVERRUN ACCOUNT BALANCE ¹
 CALENDAR YEAR 2005
 STATE OF ARIZONA

12/17/06		(ACRE-FEET)				
PARTICIPATING ENTITY	ACTION	SPECIFICS	Ftns	TOTAL	APPROVAL	ENTITLEMENT
IOPP Overruns by Individual Water Users						
No entity exceeded its approval in 2005	IOPP Overruns by Water User	Calendar Year Diversion	2	0		0
		Calendar Year Overrun	3	0		
		BOY Overrun Account Balance	4	0		
		Validated Calendar Year Paybacks	5	0		
		EOY Overrun Account Balance	6	0		
		Overrun as Percent of Entitlement		0.0%		
 IOPP Account Balance by Water User						
GILA MONSTER FARMS	Balance of overrun and paybacks	BOY Overrun Account Balance	4	1,522		9,156
		Validated Calendar Year Paybacks	5	0		
		EOY Overrun Account Balance	6	1,522		
		Account Balance as Percent of Entitlement		16.6%		

Note: Gila Monster Farms will begin payback of the 2004 overrun in calendar year 2007.

This in accordance with the IOPP which requires payback to begin in the year following publication of the Water Accounting report for the overrun year.

Footnotes:

1/ This section contains tabulations of water users' overruns of approved diversions or approved consumptive use amounts.

2/ The consumptive use or the diversion of a user as tabulated in the Article V. section of this report.

3/ The amount of overrun accrued during the current year as determined by comparing the user's approved schedule against its diversion or use.

4/ The IOPP overrun account balance from the previous year, if the user had a carry over balance.

5/ Paybacks to the Colorado River system made during the current year.

6/ The remaining IOPP overrun account balance as of the end of the accounting year.

OVERRUNS, PAYBACKS, OVERRUN ACCOUNT BALANCE, AND CRWDA EXHIBIT C PAYBACK ¹
 CALENDAR YEAR 2005
 STATE OF CALIFORNIA

12/17/06		(ACRE-FEET)				
PARTICIPATING ENTITY	ACTION	SPECIFICS	Ftnts	TOTAL	APPROVAL	ENTITLEMENT
IOPP Overruns by Individual Water Users						
No entity exceeded its approval in 2005	IOPP Overruns by Water User	Calendar Year CU	2	0	0	0
		Calendar Year Overrun	3	0		
		BOY Overrun Account Balance	4	0		
		Validated Calendar Year Paybacks	5	0		
		EOY Overrun Account Balance	6	0		
		Percent of Entitlement		0.0%		
Payback of Exhibit C Obligations by Individual Water Users						
IMPERIAL IRRIGATION DISTRICT	Payback of Exhibit C Obligations	BOY Exhibit C Balance	7	106,765	N/A	
		Calendar Year Paybacks	8	23,797		
		Applied Credit from Re-regulation	9	5,369		
		EOY Exhibit C Balance	10	77,599		
COACHELLA VALLEY WATER DISTRICT	Payback of Exhibit C Obligations	BOY Exhibit C Balance	7	53,243	N/A	
		Calendar Year Paybacks	8	18,491		
		EOY Exhibit C Balance	10	34,752		
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA	Payback of Exhibit C Obligations	BOY Exhibit C Balance	7	55,693	N/A	
		Calendar Year Paybacks	8	38,777		
		Applied Credit from 2002 Reduction	11	11,504		
		Applied Credit from Re-regulation	9	0		
		EOY Exhibit C Balance	10	5,412		

Footnotes:

- 1/ This section contains tabulations of water users' overruns of approved diversions or approved consumptive use amounts.
- 2/ The consumptive use or the diversion of a user as tabulated in the Article V. section of this report.
- 3/ The amount of overrun accrued during the current year as determined by comparing the user's approved schedule against its diversion or use.
- 4/ The IOPP overrun account balance from the previous year, if the user had a carry over balance.
- 5/ Paybacks to the Colorado River system made during the current year.
- 6/ The remaining IOPP overrun account balance as of the end of the accounting year.
- 7/ Payback obligation agreed to upon execution of the CRWDA. This amount is tabulated in Exhibit C of the CRWDA.
- 8/ Paybacks of CRWDA, Exhibit C obligations made to the Colorado River system during the current year.
- Note that there is disagreement between IID and USBR over the calculation of losses within the canal distribution system. An independent, third party has been contracted to resolve the loss calculation issue. The numbers displayed here are Reclamation's estimates which may be adjusted based on the resolution of the loss calculation.
- 9/ Application of the extraordinary conservation credit resulting from capture of re-regulatory water. For more information see section on Water Subject to Temporary Re-regulation.
- 10/ End of Year balance of Exhibit C obligation, determined by subtracting current year repayments from the BOY account balance.
- 11/ Credit for MWD's reduced diversions in calendar year 2002 applied toward payback of Exhibit C obligations.

OVERRUNS, PAYBACKS, AND OVERRUN ACCOUNT BALANCE ¹
 CALENDAR YEAR 2005
 STATE OF NEVADA

12/17/06		(ACRE-FEET)				
PARTICIPATING ENTITY	ACTION	SPECIFICS	Ftns	TOTAL	APPROVAL	ENTITLEMENT
IOPP Overruns by Individual Water Users						
No entity exceeded its approval in 2005	IOPP Overruns by Water User	Calendar Year CU	2		0	0
		Calendar Year Overrun	3	0		
		BOY Overrun Account Balance	4	0		
		Validated Calendar Year Paybacks	5	0		
		EOY Overrun Account Balance	6	0		
		Percent of Entitlement		0.0%		

Footnotes:

- 1/ This section contains tabulations of water users' overruns of approved diversions or approved consumptive use amounts.
- 2/ The consumptive use or the diversion of a user as tabulated in the Article V. section of this report.
- 3/ The amount of overrun accrued during the current year as determined by comparing the user's approved schedule against its diversion or use.
- 4/ The IOPP overrun account balance from the previous year, if the user had a carry over balance.
- 5/ Paybacks to the Colorado River system made during the current year.
- 6/ The remaining IOPP overrun account balance as of the end of the accounting year.

Exhibit C of the Colorado River Water Delivery Agreement

Exhibit C: Payback Schedule of Overruns for Calendar Years 2001 and 2002

<i>Year</i>	<i>IID</i>	<i>CVWD</i>	<i>MWD</i>	<i>Total</i>
2004	18,900	9,100	11,000	39,000
2005	18,900	9,100	11,000	39,000
2006	18,900	9,100	11,100	39,100
2007	18,900	9,100	11,100	39,100
2008	18,900	9,200	11,100	39,200
2009	18,900	9,200	11,100	39,200
2010	19,000	9,200	11,100	39,300
2011	19,000	9,200	11,100	39,300
Cumulative	151,400	73,200	88,600	313,200

Note: Each district may, at its own discretion, elect to accelerate paybacks to retire its payback obligation before the end of the eight-year period ending in calendar year 2011. Each district's payback obligation is subject to acceleration in anticipation of a shortage in the Lower Colorado River Basin as provided for in section 8(b).

SUMMARY OF WATER AVAILABILITY AND USE BY STATE

The Secretary of the Interior makes Colorado River water available to the Lower Division States in accordance with Article II of the Decree in *Arizona v. California*. Under Article II, the Secretary apportions water to the states under shortage, normal or surplus conditions, and may release water to a state which was apportioned to but unused by another state.

The amount of Colorado River water available for use in a state is impacted by various agreements, such as Interstate Storage and Release Agreements, and federal policies such as the Inadvertent Overrun and Payback Policy (IOPP).

The following tabulation displays the amount of Colorado River water made available to each Lower Division State under Article II of the Decree, the payback by users within the state of obligations under Exhibit C of the Colorado River Water Delivery Agreement or the IOPP, and the total consumptive use within a state. The table demonstrates whether the total consumptive use is an underrun or overrun of the total amount of Colorado River water available to each Lower Division State in 2005.

APPORTIONMENTS, ARTICLE II(B)(6) RELEASES, PAYBACKS, AND TOTAL CONSUMPTIVE USE BY STATE¹

12/17/06		(ACRE-FEET)		
STATE	ADJUSTMENTS	Ftnts	TOTAL APPROVED USE	TOTAL ACTUAL USE
ARIZONA	Basic Apportionment	2	2,800,000	2,800,000
	NV II(B)(6) Released to AZ for Storage for NV	3	0	0
	AZ II(B)(6) Released to NV and CA	8	(16,738)	(16,738)
	Validated Paybacks	4	0	0
	Total Available Colorado River Water	5	2,783,262	2,783,262
	Total Consumptive Use	6		2,428,469
	State Underrun or (Overrun)	7		354,793
CALIFORNIA	Basic Apportionment	2	4,400,000	4,400,000
	NV II(B)(6) Released to CA for Storage for NV	3	10,000	10,000
	AZ II(B)(6) Released to CA	8	14,960	14,960
	Exhibit C Paybacks	4	(81,065)	(81,065)
	Total Available Colorado River Water	5	4,343,895	4,343,895
	Total Consumptive Use	6		4,344,258
	State Underrun or (Overrun)	7		(363)
	LCWSP Carryover from Previous Years	9		335
	Unauthorized Agricultural Use			28
Net State Underrun or (Overrun)			0	
NEVADA	Basic Apportionment	2	300,000	300,000
	NV Created Unused Apportionment for Storage		(10,000)	(10,000)
	AZ II(B)(6) Released to NV	8	1,778	1,778
	Validated paybacks	4	0	0
	Total Available Colorado River Water	5	291,778	291,778
	Total Consumptive Use	6		291,778
State Underrun or (Overrun)	7		0	

Footnotes:

- 1/ This section tabulates increases or reductions to the amount of water available to a state, calculates an adjusted state limitation, and compares that amount to the consumptive uses within the state. Adjustments include releases to or from another state under Article II(B)(6) of the Decree in Arizona v. California, payback obligations of water users within the state and intentionally created unused apportionment or surplus.
- 2/ The state basic apportionment as described in Article II(B)(1) of the Decree.
- 3/ The unused apportionment of Nevada created by conservation measures, made available to Arizona and/or California by the Secretary under Article II(B)(6) of the 1964 Decree for storage in Arizona or California under Interstate Storage and Release Agreements.
- 4/ The reduction in the amount of water available to users within the state through repayment obligations under the CRWDA or the IOPP.
- 5/ The total amount of Colorado River water available for use in the state in 2005.
- 6/ The total consumptive use of Colorado River water within the state as tabulated in the Article V. section of this report.
- 7/ The difference between the Colorado River water available to the state and the state's actual consumptive use.
- 8/ At the request of CRC and MWD, the Secretary made AZ unused apportionment available to California and Nevada under section II(B)(6) of the 1964 Supreme Court Decree in Arizona v. California et al.
- 9/ Differences between actual LCWSP wellfield pumping and use of Colorado River water by LCWSP contractors are allowed to be carried over in a given year, when an outstanding LCWSP balance is consumed, California users are allowed to take more water from the river in amounts equal to the balance adjustment.

LOWER COLORADO WATER SUPPLY PROJECT

The Lower Colorado Water Supply Act, enacted by Congress and approved by the President on November 14, 1986, authorized the Lower Colorado Water Supply Project (Project) as part of a water supply exchange program. Water pumped from the Project well field is exchanged for Colorado River water. This program is intended to help meet the domestic, municipal, industrial, and recreational water needs of water users adjacent to the Colorado River in California. The Project well field will assist those water users whose use of water from the Colorado River is either not covered by a contract or is in excess of their present or anticipated needs. Although some California water users have access to surplus water, the use of the Project wells is required when surplus water is unavailable or insufficient to meet the needs of the Project beneficiaries in California. Water for agricultural use is not authorized under the Act.

The Lower Colorado Water Supply Act authorizes construction of wells with a total annual capacity of 10,000 acre-feet. Currently, stage I of the Project has been completed and consists of two wells. The well field began operation on August 1, 2003. The wells are located along the All-American Canal (AAC) in Imperial County and pump from an extensive mound of water that was formed by seepage from the AAC. Ground water from the wells is withdrawn and discharged into the AAC. Through a contract with Reclamation, Imperial Irrigation District is responsible for the operation and maintenance of the well field.

Reclamation entered into a contract to supply Project water to the City of Needles in annual amounts up to 3,500 acre-feet of the initial 5,000 acre-feet available. The contract with the City of Needles establishes a framework for the City of Needles to enter into subcontracts for delivery of Project water to non-Federal water users in San Bernardino, Riverside, and Imperial Counties. The Colorado River Board of California (CRBC) makes a recommendation as to whether a non-Federal applicant should be offered a subcontract for a Project water supply and notifies Reclamation. Reclamation reviews the information submitted by CRBC and recommends the approved applicants to the City of Needles which then offers subcontracts.

Reclamation also entered into a contract to supply Project water to the Bureau of Land Management (BLM) in annual amounts up to 1,150 acre-feet. BLM may divert this water at any of several diversion points on the Colorado River in California.

In 2005, the final 350 acre-feet of the initial 5,000 acre-feet of constructed project capacity was committed for use at Federal facilities or on Federal lands adjacent to the Colorado River in California.

LOWER COLORADO WATER SUPPLY PROJECT
SUMMARY OF USES OFFSET BY PUMPAGE FROM THE LOWER COLORADO WATER SUPPLY PROJECT WELLFIELD
CALENDAR YEAR 2005

12/17/06		(ACRE-FEET)														
		Fmts	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	
WATER SUPPLY WELLFIELD PUMPAGE		1/	non-Federal	0	0	0	0	0	0	0	150	388	153	0	691	
			Federal	0	0	0	0	0	0	0	75	194	76	0	345	
			Total	0	0	0	0	0	0	0	225	582	229	0	1,036	
LCWSP NON-FEDERAL CONTRACTORS		2/														
City of Needles (on its own behalf)			Diversions	42	35	58	81	98	108	120	94	84	81	64	58	923
			CU	27	23	45	66	81	90	100	75	66	64	51	46	734
Havasu Water Company of California			Diversions	3	3	4	5	6	7	8	7	6	5	3	3	60
			CU	2	2	2	3	4	4	5	4	4	3	2	2	36
Pacific Gas & Electric Company			Diversions	1	1	2	2	2	3	3	3	2	2	1	1	23
			CU	1	1	2	2	2	3	3	3	2	2	1	1	23
Southern California Gas Company			Diversions	2	2	3	4	4	5	6	6	4	4	3	3	46
			CU	2	2	3	4	4	5	6	6	4	4	3	3	46
Needles Other Subcontractors			Diversions	7	8	12	12	15	18	20	19	15	13	10	9	158
			CU	4	5	7	7	9	11	12	11	9	8	6	5	95
Total non-Federal Contractors:			Diversions	55	49	79	104	125	141	157	129	111	105	81	74	1,210
			CU	36	33	60	82	100	113	126	100	85	81	63	57	934
Diff: Non-Federal Use and Wellfield Pumping		3/		-36	-33	-60	-82	-100	-113	-126	-100	65	307	90	-57	-243
Previous Year Balance		4/		-23	143	146	80	130	-40	-63	-56	32	-48	-33	-32	236
Balance to be Carried Over to Following Year		5/		-59	110	86	-2	30	-153	-189	-156	97	259	57	-89	-7
LCWSP FEDERAL CONTRACTORS																
U.S. Bureau of Land Management		6/	Diversions	23	22	30	31	51	52	55	47	41	33	29	23	437
			Returns	5	4	7	8	13	14	14	12	10	8	7	6	108
Total of BLM Administered Water			CU	18	18	23	23	38	38	41	35	31	25	22	17	329
USBR - Parker Dam and Government Camp			Diversions	4	3	7	19	19	22	23	21	19	6	11	11	165
			Returns	1	1	1	1	10	10	10	10	10	1	1	1	57
			CU	3	2	6	18	9	12	13	11	9	5	10	10	108
Difference: Federal Use and Wellfield Pumping		3/		-21	-20	-29	-41	-47	-50	-54	-46	35	164	44	-27	-92
Previous Year Balance *		4/		-19	99	109	75	119	-9	-6	-20	44	-27	-21	-15	329
Balance to be Carried Over to Following Year		5/		-40	79	80	34	72	-59	-60	-66	79	137	23	-42	237

Footnotes:

1/ Non-Colorado River water pumped from the Lower Colorado Water Supply Project (LCWSP) wellfield and delivered into the AAC for use by IID.

Pumpage reported separately for Federal and non-Federal contractors.

Note: each LCWSP contractor or subcontractor has a unique unmeasured return factor.

2/ LCWSP non-Federal contractor (City of Needles) and subcontractors - Colorado River water use exchanged with LCWSP wellfield pumpage.

3/ Difference between the consumptive use of Colorado River water diverted and the amount of water pumped by the LCWSP wellfield.

4/ Balance from previous year. Over pumpage (shown as positive values) must be used, under pumpage (shown as negative values) must be paid back.

* Note: The "Balance to be Carried Over to Following Year" for Federal contractors was erroneously reported in 2004 as 326af. The correct value is 329af.

The corrected value appears in this report on the line titled "Previous Year Balance."

5/ Balance of LCWSP wellfield pumping from current and previous years. If the year end total is a positive value this amount is available to LCWSP contractors.

If the year end total is a negative value this amount must be paid back in the form of additional wellfield pumping.

6/ Portion of the LCWSP allocated to the BLM - Colorado River water use exchanged with LCWSP wellfield pumpage.

CONSERVATION, TRANSFER, AND EXCHANGE AGREEMENTS BY STATE

Colorado River water apportioned to the Lower Division States has been further apportioned among the States of Arizona, California, and Nevada and is generally committed to specific persons or entities on a permanent basis. Increasing water demands within the Lower Division States must be met through a combination of conservation, transfers, exchanges, or new water sources which augment the limited supply of Colorado River water.

The Lower Colorado Water Supply Project (LCWSP) implements a 1986 statute which authorizes the exchange of non-Colorado River water for Colorado River water within the State of California. Water accounting information relating to the LCWSP appears in a separate section of this report.

On October 10, 2003, the Secretary of the Interior entered into the Colorado River Water Delivery Agreement (CRWDA) with Imperial Irrigation District, Coachella Valley Water District, The Metropolitan Water District of Southern California, and the San Diego County Water Authority to resolve longstanding disputes regarding the priority, use, and transfer of Colorado River water within California. The CRWDA recognizes a variety of water transfers, exchanges, and conservation programs which alter the delivery of certain Colorado River water for up to 75 years.

The California agencies entered into a series of supplemental agreements, including the Quantification Settlement Agreement, that collectively implement many provisions of the CRWDA through water transfers, water exchanges, and water conservation measures. Data relating to these California events is depicted here. There were no transfers or exchanges of Colorado River water reported within Arizona or Nevada during calendar year 2005.

Description of Included Tables

The table titled “Comparison of Net California Agricultural Use to the 2005 ISG Annual Target” demonstrates the impact of conservation and transfers on agricultural water use in California in 2005. The table titled “Transfers, Exchanges and Water Made Available by Extraordinary Conservation” tabulates agreements in California existing outside of the CRWDA or in amounts that differ from the amounts tabulated in Exhibit B of the CRWDA. The table titled Exhibit B is reproduced from the CRWDA for convenient reference.

Comparison of Net California Agricultural Use to the 2005 ISG Annual Target ¹
CALENDAR YEAR 2005

12/17/06

Uses by California Agricultural Entities	Consumptive Uses Acre-Feet	Comments
Palo Verde Irrigation District	324,939	
Yuma Project Reservation Division	39,878	
Yuma Island Pumpers ²	7,303	CU = diversion minus unmeasured return = 13,207 x (1-0.447) = 7,303 af
Priorities 1, 2, 3b	372,120	
Coachella Valley Water District	304,768	
Imperial Irrigation District	2,756,846	
Total California Agricultural Use	3,433,734	
MWD Adjustments for Priority 1, 2, and 3b use	0	MWD's reductions for priorities 1, 2, and 3b count toward meeting the ISG annual target.
IID CRWDA Exhibit C Payback	23,797	IID and Reclamation disagree on the calculation of this value. It will be finalized upon resolution of the issue.
CVWD CRWDA Exhibit C Payback	18,491	
IID and CVWD reductions for PPRs	14,500	IID = 11,500 af, CVWD = 3,000 af.
Use by California Agriculture+MWD Adjustment+ Agricultural paybacks+IID/CVWD covered PPRs	3,490,522	Includes Total California Agricultural use + MWD Adjustment + IID/CVWD covered PPRs.
 ISG Target Comparison		
2005 Agricultural Target	3,674,000	See Column 23 of Exhibit B of the CRWDA
Use by California Agriculture+MWD Adjustment+ Agricultural paybacks+IID/CVWD covered PPRs	3,490,522	
Total Target Underrun	183,478	
 Priority 1, 2, and 3b Use Below or (Above) 420,000 af		
Palo Verde Irrigation District	324,939	
Yuma Project Reservation Division	39,878	
Yuma Island Pumpers	7,303	
Total Priority 1, 2, 3b Use	372,120	
MWD Adjustments for Priority 1, 2, and 3b use	47,880	

Footnotes:

1/ Part XI, Section 5, Record of Decision of the Colorado River Interim Surplus Guidelines FEIS contain the adopted Interim Surplus Guidelines (ISG). Section 5 of the ISG contains Benchmarks for aggregate California agricultural water use during each third year. Exhibit B (attached) to the CRWDA, column 22 references these ISG Benchmarks, and column 23 references annual targets for aggregate agricultural water use for the years between the ISG Benchmarks.

Footnotes 2 and 12 of Exhibit B define annual targets and Benchmark year aggregate agricultural use totals as all consumptive use of priorities 1 through 3 plus 14,500 of PPR use, minus MWD adjustments for priority 1 through 3 use above 420,000 af.

2/ Incorporation of Yuma Island Pumpers' use within Priority 2 does not represent either a final approval of this use by Reclamation or a final determination of the appropriate Decree accounting for this use; and is not an admission by any Colorado River contractor as to the legality of this use or diversion of Colorado River water.

TRANSFERS AND WATER MADE AVAILABLE BY EXTRAORDINARY CONSERVATION
 CALENDAR YEAR 2005
 STATE OF ARIZONA

TRANSFER TITLE OR PARTICIPATING AGENCIES	12/17/06					(ACRE-FEET)							TOTAL
	Ftns	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	

No transfers were reported to USBR during this calendar year

Footnotes:
 No footnotes for this calendar year.

TRANSFERS, EXCHANGES AND WATER MADE AVAILABLE BY EXTRAORDINARY CONSERVATION
 CALENDAR YEAR 2005
 STATE OF CALIFORNIA

TRANSFER TITLE OR PARTICIPATING AGENCIES	Ftnts	(ACRE-FEET)												TOTAL	
		12/17/06	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV		DEC
WATER CONSERVATION PROGRAM IID/MWD CONSERVED WATER	1/														101,940
MWD REDUCTION FOR CVWD USE - IID CONSERVATION	2/		1,667	1,666	1,667	1,666	1,667	1,666	1,667	1,667	1,666	1,667	1,667	1,667	20,000
IID CONSERVATION FOR TRANSFER TO SDCWA	3/		3,040	3,197	7,815	8,350	7,598	0	0	0	0	0	0	0	30,000
IID CONSERVATION FOR TRANSFER TO SDCWA - MITIGATION	4/		0	0	0	0	1,267	8,262	5,471	0	0	0	0	0	15,000
MWD/PVID FORBEARANCE AND FALLOWING PROGRAM	5/														108,666

Notes: The remaining Exhibit B transfers, exchanges and conservation can be determined from Exhibit B, shown on page 46 of this report.
 Reclamation recognizes that the CRWDA allows each party to make water available or to divert water made available on their own schedule.

Footnotes:
 1/ 1988 IID/MWD Water Conservation Program conserved water made available by IID for diversion in current year by MWD, reported as an annual total.
 2/ MWD reduction for up to 20,000 af of water conserved by IID under the 1988 IID/MWD Water Conservation Program for use by CVWD. This reduction occurs at CVWD request.
 3/ The CRWDA specifies required conservation by IID for transfer to SDCWA. This amount is found in Column 5 of Exhibit B of the CRWDA.
 4/ IID conserved water to be left in the Colorado River, in accordance with section 2.2.1 of the "Letter Agreement for Temporary Re-regulation of Excess Colorado River Flows" dated June 5, 2006 (found in Significant Documents).
 Water captured and temporarily stored by IID in 2004 and 2005, as water subject to temporary re-regulation, was used to meet the 2005 Salton Sea mitigation obligation.
 5/ Annual PVID reduction in consumptive use through land fallowing as reported in Table 8 of the report produced jointly by USBR, PVID, and MWD entitled, "Calendar Year 2005 Fallowed Land Verification Report: PVID/MWD Forbearance and Fallowing Program". The value represents the estimated reduction in PVID's consumptive use resulting from the fallowing of an average of 21,292 acres of land for the months of January through July, and an average of 24,849 acres of land for the months of August through December.

TRANSFERS AND WATER MADE AVAILABLE BY EXTRAORDINARY CONSERVATION
 CALENDAR YEAR 2005
 STATE OF NEVADA

12/17/06

(ACRE-FEET)

TRANSFER TITLE OR PARTICIPATING AGENCIES	Ftns	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
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No transfers were reported to USBR during this calendar year

Footnotes:

No footnotes for this calendar year.

EXHIBIT B
QUANTIFICATION AND TRANSFERS¹
In Thousands of Acre-feet

Column:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	Calendar Year	² Priority 1, 2 and 3b	IID Priority 3a										CVWD Priority 3a						Total Priority 1, 2, 3 Use Plus PPR Consumptive Use (sum of columns 2+13+20 plus 1+16)	¹³ ISG Benchmarks	¹² Annual Targets		
			Reductions										Reductions			Additions							
			³ IID Priority 3a Quantified Amount	³ IID Reduction: MWD 1988 Agreement Transfer	³ IID Reduction: SDCWA Transfer	⁴ IID Reduction: AAC Lining & SLR	^{5,6} IID Reduction: SDCWA Mitigation Transfer	⁷ Intra-Priority 3 Transfer IID/CVWD	⁶ IID Reduction: MWD Transfer with Salton Sea Restoration	⁸ IID Reduction: Conditional ISG Backfill	⁹ IID Reduction: Misc. PPRs	¹⁰ IID Reductions: Total Amount (sum of columns 4 through 11)	¹⁰ IID Net Consumptive Use Amount (difference between column 3 and column 12)	CVWD Priority 3a Quantified Amount	⁴ CVWD Reduction: CC Lining, SDCWA & SLR	⁹ CVWD Reduction: Misc. PPRs	¹¹ CVWD Reductions: Total Amount (sum of columns 15 + 16)	⁷ Intra-Priority 3 Transfer IID/CVWD	³ Intra-Priority 3 Transfer MWD/CVWD	CVWD Net Consumptive Use Amount (columns 14 + 17 plus columns 18 + 19)			
1	2003	420	3,100	110	10	0	5	0	0	0	11.5	136.5	2,963.5	330	0	3	3	0	20	347	3,745.0	3,740	3,740
2	2004	420	3,100	110	20	0	10	0	0	0	11.5	151.5	2,948.5	330	0	3	3	0	20	347	3,730.0		3,707
3	2005	420	3,100	110	30	0	15	0	0	0	11.5	166.5	2,933.5	330	0	3	3	0	20	347	3,715.0		3,674
4	2006	420	3,100	110	40	0	20	0	0	9	11.5	190.5	2,909.5	330	26	3	29	0	20	321	3,665.0	3,640	3,640
5	2007	420	3,100	110	50	0	25	0	0	0	11.5	196.5	2,903.5	330	26	3	29	0	20	321	3,659.0		3,603
6	2008	420	3,100	110	50	67.7	25	4	20	0	11.5	288.2	2,811.8	330	26	3	29	4	20	325	3,571.3		3,566
7	2009	420	3,100	110	60	67.7	30	8	40	0	11.5	327.2	2,772.8	330	26	3	29	8	20	329	3,536.3	3,530	3,530
8	2010	420	3,100	110	70	67.7	35	12	60	0	11.5	366.2	2,733.8	330	26	3	29	12	20	333	3,501.3		3,510
9	2011	420	3,100	110	80	67.7	40	16	80	0	11.5	405.2	2,694.8	330	26	3	29	16	20	337	3,466.3		3,490
10	2012	420	3,100	110	90	67.7	45	21	100	0	11.5	445.2	2,654.8	330	26	3	29	21	20	342	3,431.3	3,470	3,470
11	2013	420	3,100	110	100	67.7	70	26	100	0	11.5	485.2	2,614.8	330	26	3	29	26	20	347	3,396.3		3,462
12	2014	420	3,100	110	100	67.7	90	31	100	0	11.5	510.2	2,589.8	330	26	3	29	31	20	352	3,376.3		3,455
13	2015	420	3,100	110	100	67.7	110	36	100	0	11.5	535.2	2,564.8	330	26	3	29	36	20	357	3,356.3		3,448
14	2016	420	3,100	110	100	67.7	130	41	100	0	11.5	560.2	2,539.8	330	26	3	29	41	20	362	3,336.3		3,440
15	2017	420	3,100	110	100	67.7	150	45	91	0	11.5	575.2	2,524.8	330	26	3	29	45	20	366	3,325.3		
16	2018	420	3,100	110	130	67.7	0	63	0	0	11.5	382.2	2,717.8	330	26	3	29	63	20	384	3,536.3		
17	2019	420	3,100	110	160	67.7	0	68	0	0	11.5	417.2	2,682.8	330	26	3	29	68	20	389	3,506.3		
18	2020	420	3,100	110	193	67.7	0	73	0	0	11.5	454.7	2,645.3	330	26	3	29	73	20	394	3,473.8		
19	2021	420	3,100	110	205	67.7	0	78	0	0	11.5	472.2	2,627.8	330	26	3	29	78	20	399	3,461.3		
20	2022	420	3,100	110	203	67.7	0	83	0	0	11.5	474.7	2,625.3	330	26	3	29	83	20	404	3,463.8		
21	2023	420	3,100	110	200	67.7	0	88	0	0	11.5	477.2	2,622.8	330	26	3	29	88	20	409	3,466.3		
22	2024	420	3,100	110	200	67.7	0	93	0	0	11.5	482.2	2,617.8	330	26	3	29	93	20	414	3,466.3		
23	2025	420	3,100	110	200	67.7	0	98	0	0	11.5	487.2	2,612.8	330	26	3	29	98	20	419	3,466.3		
24	2026	420	3,100	110	200	67.7	0	103	0	0	11.5	492.2	2,607.8	330	26	3	29	103	20	424	3,466.3		
25	2027	420	3,100	110	200	67.7	0	103	0	0	11.5	492.2	2,607.8	330	26	3	29	103	20	424	3,466.3		
26	2028	420	3,100	110	200	67.7	0	103	0	0	11.5	492.2	2,607.8	330	26	3	29	103	20	424	3,466.3		
	2029-2037 ¹³	420	3,100	110	200	67.7	0	103	0	0	11.5	492.2	2,607.8	330	26	3	29	103	20	424	3,466.3		
	2038-2047 ¹³	420	3,100	110	200	67.7	0	103	0	0	11.5	492.2	2,607.8	330	26	3	29	103	20	424	3,466.3		
	2048-2077 ¹⁴	420	3,100	110	200	67.7	0	100	0	0	11.5	489.2	2,610.8	330	26	3	29	100	20	421	3,466.3		

¹ Exhibit B is independent of increases and reductions as allowed under the Inadvertent Overrun and Payback Policy.

² Any higher use covered by MWD, any lesser use will produce water for MWD and help satisfy ISG Benchmarks and Annual Targets.

³ IID/MWD 1988 Conservation Program conserves up to 110,000 AFY and the amount is based upon periodic verification. Of amount conserved, up to 20,000 AFY to CVWD (column 19), which does not count toward ISG Benchmarks and Annual Targets, and remainder to MWD.

⁴ Ramp-up amounts may vary based upon construction progress, and final amounts will be determined by the Secretary pursuant to the Allocation Agreement.

⁵ Any amount identified in Exhibit B for mitigation purposes will only be from non-Colorado River sources and these amounts may be provided by exchange for Colorado River water.

⁶ Water would be transferred to MWD subject to satisfaction of certain conditions and to appropriate federal approvals. For informational purposes only, these transfers may also be subject to state approvals. Schedules are subject to adjustments with mutual consent.

⁷ MWD can acquire if CVWD declines the water. Any water obtained by MWD will be counted as additional agricultural reduction to help satisfy the ISG Benchmarks and Annual Targets. MWD will provide CVWD 50,000 AFY of the 100,000 AFY starting in year 46.

⁸ IID has agreed to provide transfer amounts to meet the minimum ISG benchmarks, not to exceed a cumulative total of 145,000 AF. Maximum transfer amounts are 25,000 AF in 2006, 50,000 AF plus the unused amount from 2006 in 2009, and 70,000 AF plus the unused amounts

⁹ Up to the amount shown, as agreed upon reduction to IID or CVWD to cover collectively the sum of individual Miscellaneous PPRs, federal reserved rights and decreed rights. This is a reduction that counts towards ISG Benchmarks and Annual Targets.

¹⁰ For purposes of Subparagraph 8(b)(2)(i) and (ii) and 8(c)(1) and (4) the Secretary will take into account: (i) the satisfaction of necessary conditions to certain transfers (columns 7 and 9) not within IID's control; (ii) the amounts of conserved water as determined, where such amounts may vary (columns 4, 6, 9 and 10); and (iii) with respect to column 7, reductions by IID will be considered in determining IID's compliance regardless of whether the conserved water is diverted into the Colorado River Aqueduct.

¹¹ For purposes of Subparagraph 8(c)(1) and (4) the Secretary will take into account: (i) the satisfaction of necessary conditions to certain transfers (columns 15 and 16) not within CVWD's control; and (ii) the amounts of conserved water as determined, where such amounts may vary (column 15).

¹² All-consumptive use of priorities 1 through 3 plus 14,500 AF of PPRs must be within 25,000 AF of the amount stated.

¹³ Assumes SDCWA does not elect termination in year 35.

¹⁴ Assumes SDCWA and IID mutually consent to renewal term of 30 years.

Notes:

Substitute transfers can be made provided the total volume of water to be transferred remains equal or greater than amounts shown consistent with applicable federal approvals

WATER SUBJECT TO TEMPORARY RE-REGULATION CAPTURED AT THE REQUEST OF THE U. S. BUREAU OF RECLAMATION

Water from Colorado River system storage spilled or released for flood control purposes, or released to fill a water order but not then diverted by an entitlement holder, may flow to the NIB in excess of Treaty obligations with Mexico. Historically, this water has been subject to temporary re-regulation by Reclamation, for example, when it has been captured and held in Senator Wash Reservoir. Beginning in 1992, operation of Senator Wash Reservoir has been restricted due to dam safety concerns.

In February and March of 2005, in response to heavy rainfall occurring in a watershed that is tributary to the lower Colorado River, Reclamation released water from Lake Havasu to protect the integrity of Parker Dam. Also, as a result of these rainstorms, Colorado River water ordered by entitlement holders and released from Hoover Dam was not diverted. In an effort to prevent a portion of these releases from being lost to beneficial use within the United States as excess flows to the NIB, and in light of the current storage capacity limitation at Senator Wash Reservoir, Reclamation sought to effect the temporary re-regulation of this water. This water could not otherwise have been stored by Reclamation works or taken by a water user under a Colorado River entitlement.

In 2005, a portion of this water was captured and stored by water users at the specific request of Reclamation to permit the beneficial use of that water within the United States. This

temporarily re-regulated water, under the terms of the agreements entered into between Reclamation and the water users, will be fully restored to Colorado River system storage in future years.

These water users' efforts in assisting Reclamation in the temporary re-regulation of water served to prevent that water from being lost to beneficial use in the United States. Reclamation recognizes the water users' efforts as a form of extraordinary conservation and has credited the water users with an amount equal to 25% of the quantity captured and stored at Reclamation's specific request. The water users will be permitted to use these credits to satisfy specified payback obligations.

Description of Table

The tabulation titled "Water Subject to Temporary Re-Regulation" displays the amount of water captured for temporary re-regulation by a water user under a written agreement with Reclamation. It includes the amount of water restored to system storage, and the amount of extraordinary conservation credits available to the water user to meet specified payback obligations.

WATER SUBJECT TO TEMPORARY RE-REGULATION ¹
CALENDAR YEAR 2005

12/17/2006

(ACRE-FEET)

		Ftnts	BOY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
CALIFORNIA																
IMPERIAL IRRIGATION DISTRICT²																
	CAPTURED FOR RE-REGULATION	3		0	8,643	12,997	0	0	0	0	0	0	0	0	0	21,640
	NET RE-REGULATORY CAPTURE	4		0	8,529	12,947	0	0	0	0	0	0	0	0	0	21,476
	BALANCE - PREVIOUS YEARS	5														15,880
	RESTORED TO SYSTEM STORAGE	6		0	0	0	0	1,267	8,262	5,471	0	0	0	0	0	15,000
	EOY CAPTURE BALANCE	7	15,880	15,880	24,409	37,356	37,356	36,089	27,827	22,356	22,356	22,356	22,356	22,356	22,356	22,356
	BOY ACCRUED CREDIT	8		0	2,132	3,237	0	0	0	0	0	0	0	0	0	5,369
	APPLIED TO PAYBACK OBL.	9		0	2,132	3,237	0	0	0	0	0	0	0	0	0	5,369
	EOY ACCRUED CREDIT BALANCE	10		0	0	0	0	0	0	0	0	0	0	0	0	0
METROPOLITAN WATER DISTRICT²																
	CAPTURED RE-REGULATION	3		0	6,145	15,504	0	0	0	0	0	0	0	0	0	21,649
	NET RE-REGULATORY CAPTURE	4		0	6,145	15,504	0	0	0	0	0	0	0	0	0	21,649
	BALANCE - PREVIOUS YEARS	5														0
	RESTORED TO SYSTEM STORAGE	11		0	0	0	0	0	0	0	0	0	0	0	0	0
	EOY CAPTURE BALANCE	7		0	6,145	21,649	21,649	21,649	21,649	21,649	21,649	21,649	21,649	21,649	21,649	21,649
	BOY ACCRUED BENEFIT	8		0	1,536	3,876	0	0	0	0	0	0	0	0	0	5,412
	APPLIED TO PAYBACK OBL.	9		0	0	0	0	0	0	0	0	0	0	0	0	0
	EOY ACCRUED BENEFIT BALANCE	10		0	1,536	3,876	0	0	0	0	0	0	0	0	0	5,412
CALIFORNIA TOTALS																
	CAPTURED FOR RE-REGULATION	3		0	14,788	28,501	0	0	0	0	0	0	0	0	0	43,289
	NET RE-REGULATORY CAPTURE	4		0	14,674	28,451	0	0	0	0	0	0	0	0	0	43,125
	BALANCE - PREVIOUS YEARS	5														15,880
	RESTORED TO SYSTEM STORAGE	6		0	0	0	0	1,267	8,262	5,471	0	0	0	0	0	15,000
	EOY CAPTURE BALANCE	7	15,880	15,880	30,554	59,005	59,005	57,738	49,476	44,005	44,005	44,005	44,005	44,005	44,005	44,005
	BOY ACCRUED CREDIT	8		0	3,669	7,113	0	0	0	0	0	0	0	0	0	10,781
	APPLIED TO PAYBACK OBL.	9		0	2,132	3,237	0	0	0	0	0	0	0	0	0	5,369
	EOY ACCRUED CREDIT BALANCE	10		0	1,536	3,876	0	0	0	0	0	0	0	0	0	5,412

Footnotes:

- 1/ The temporary re-regulation of river water, otherwise flowing to Mexico in excess of treaty requirements, may be effected at the request of Reclamation through the capture and temporary storage of this water.
- 2/ IID and MWD have entered into agreements for Temporary Re-regulation of Colorado River water. Under these agreements each re-regulating entity will effect temporary storage of Colorado River water released from system storage that would otherwise flow to Mexico in excess of Treaty obligations. Each entity will perform conservation measures to return 100% of the water stored under this agreement back to the system during the year following publication of the Colorado River Accounting and Water Use Report which reflects Water Subject to Temporary Re-regulation stored in 2004 or 2005. The re-regulating entity will be allowed to apply 25% of the captured water towards payback of Exhibit C obligations. The re-regulatory water captured and temporarily stored will not be accounted against the entity's entitlement or the State of California's apportionment during the year of capture, it will be accounted as a diversion and use during the year when it is restored to system storage.
- 3/ Total amount of water captured from the river in 2005 to effect temporary re-regulation.
- 4/ The net amount of water captured from the river to effect temporary re-regulation of water.
- 5/ Balance of accumulated re-regulatory water in storage from previous years. This would occur in the event Reclamation requests re-regulatory capture in successive years as has occurred in 2004 and 2005.
- 6/ The amount of re-regulatory water restored to system storage during the calendar year. This amount of water was conserved by IID and IID reduced its net diversions in accordance with the CRWDA, Exhibit C, column 7.
- 7/ Monthly cumulative net capture less re-regulatory water restored to system storage in 2005.
- 8/ IID and MWD engaged in extraordinary conservation by assisting Reclamation in the temporary re-regulation of Colorado River water that would otherwise be lost to beneficial use in the United States. Reclamation credited IID and MWD an amount equal to 25% of the re-regulated water captured. Each entity may apply these extraordinary conservation credits towards payback of CRWDA, Exhibit C obligations.
- 9/ The amount of accrued extraordinary conservation credits applied toward the repayment of CRWDA, Exhibit C obligations during the calendar year.
- 10/ The amount of accrued extraordinary conservation credits remaining at the end of the calendar year. Calculated as the BOY accrued credit balance less any extraordinary conservation credit used for payback during the calendar year.
- 11/ The amount of re-regulatory water temporarily stored in MWD's system and restored to system storage during the calendar year.

DOCUMENTS AND LETTERS SIGNIFICANT TO THE DELIVERY OF AND ACCOUNTING FOR THE USE OF COLORADO RIVER WATER IN CY 2005

These documents are provided to give the reader an opportunity to read the agreements, letters, regulations and operating plans that impacted the Bureau of Reclamation's delivery of Colorado River water during 2005.

The compact disk (CD) located in the pocket on the back cover of this report contains a searchable version of the 2005 Water Accounting report and the documents significant to the delivery of Colorado River water in 2005. These electronically filed documents are in searchable Adobe Acrobat[®] (PDF) format. The list below provides a brief description of each significant document's contents and the file name under which that document may be found on the CD. The file names are printed exactly as they appear on the CD. The acronyms used below are defined in the Acronyms and Abbreviated Terms page at the beginning of this report. Those seeking additional water accounting information are encouraged to log on to the following website, where all previous water accounting reports can be viewed and the complete PDF file can be downloaded: www.usbr.gov/lc/region/g4000/wtracct.html.

REPORTS:

2005 Annual Operating Plan (AOP) Executive Summary

- Outlines the criteria under which the Colorado River will be operated during CY 2005 given current and anticipated conditions
- CD file name: 2005 AOP Executive Summary

AGREEMENTS:

The Colorado River Water Delivery Agreement: Federal Quantification Settlement Agreement (QSA)

Water delivery agreement between the United States, IID, CVWD, MWD and SDCWA. This agreement quantifies the consumptive use allowances for the aforementioned water users. The agreement also addresses terms and conditions of water deliveries.

- CD file name: CRWDA 2003-10-20

DOCUMENTS AND LETTERS SIGNIFICANT TO THE DELIVERY OF AND ACCOUNTING FOR THE USE OF COLORADO RIVER WATER IN CY 2005 (cont.)

The Inadvertent Overrun and Payback Policy (IOPP)

Terms and conditions for repaying inadvertent overruns of Colorado River water.

- CD file name: Inadvertent Overrun and Payback Policy

The Storage and Interstate Release Agreement (SIRA)

Water Banking Agreement between AWBA, SNWA and the CRC of NV. This agreement allows SNWA to acquire long-term water storage credits that are to be held by AWBA. These credits can be exchanged in a later year for Colorado River water made available when users in Arizona develop ICUA.

- CD file name: Storage and Interstate Release Agreement

Re-Regulation Letter Agreement – USBR/IID

Letter Agreement between Reclamation and IID. This agreement allows IID to capture excess flows from the Colorado River on a temporary basis to assist Reclamation in reducing the amount of water passing to Mexico in excess of Treaty requirements.

- CD file name: IID Re-Regulation Agreement

Re-Regulation Letter Agreement – USBR/MWD

Letter Agreement between Reclamation and MWD. This agreement allows MWD to capture excess flows from the Colorado River on a temporary basis to assist Reclamation in reducing the amount of water passing to Mexico in excess of Treaty requirements.

- CD file name: MWD Re-Regulation Agreement

MWD – PVID Forbearance and Fallowing Program Agreement

Agreement between MWD and PVID that allows for lands to be fallowed within PVID. This agreement was executed August 18, 2004, with fallowing beginning in January, 2005.

- CD file name: 2004 MWD-PVID Forbearance and Fallowing Program Agreement

**DOCUMENTS AND LETTERS SIGNIFICANT TO THE DELIVERY OF AND
ACCOUNTING FOR THE USE
OF COLORADO RIVER WATER IN CY 2005 (cont.)**

LETTERS:

Letter request from IBWC asking for emergency water for Tijuana

- CD file name: Emergency Water Request 2005-09-26 to 2005-10-01

Letter response from SDCWA to IBWC concerning emergency Tijuana water

- CD file name: SDCWA-IBWC Emergency Tijuana Water

Letter from SNWA to MWD requesting to store water in California

- CD file name: SNWA Water Banking Request CA 2005-04-08

Letter from MWD to SNWA in response to SNWA's request for MWD to store water under SIRA

- CD file name: MWD Response to SNWA Storage Request 2005-06-27

Letter from CRC NV to Reclamation requesting Article II(B)(6) water from AZ's unused apportionment in 2005

- CD file name: CRC NV Request for IIB6 Water 2006-11-03

Letter from Reclamation to CRC NV regarding request for Article II(B)(6) water

- CD file name: BOR – CRC NV Art IIB6 Response 2006-12-18

Letter from MWD to Reclamation requesting Article II(B)(6) water from AZ's unused apportionment in 2005

- CD file name: MWD Request for IIB6 Water 2006-11-28

Letter from Reclamation to MWD regarding request for Article II(B)(6) water

- CD file name: BOR – MWD Art IIB6 Response 2006-12-18

Letter from Reclamation to MWD validating 2005 CRWDA Exhibit C payback amounts

- CD file name: 2005 MWD CRWDA Exh C Payback 2006-12-15

**DOCUMENTS AND LETTERS SIGNIFICANT
TO THE DELIVERY OF AND
ACCOUNTING FOR THE USE
OF COLORADO RIVER WATER IN CY 2005 (cont.)**

Letter from Reclamation to IID validating 2005 CRWDA Exhibit C payback amounts

- CD file name: 2005 IID CRWDA Exh C Payback 2006-12-15

Letter from Reclamation to CVWD validating 2005 CRWDA Exhibit C payback amounts

- CD file name: 2005 CVWD CRWDA Exh C Payback 2006-12-15

MAPS:

Maps showing the locations of the wells and river pumps reported by the USGS, and presented in the supplemental tabulations.

- CD file name: USGS Pump Maps