

RECLAMATION

Managing Water in the West

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

Calendar Year 2006



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.

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Calendar Year 2006

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**U.S. Department of the Interior
Bureau of Reclamation
Lower Colorado Region
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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 (e.g. 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
 COLORADO RIVER ACCOUNTING AND WATER USE REPORT
 CALENDAR YEAR 2006

		10/2007	(ACRE-FEET)													
		Ftnts	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/	
LOWER DIVISION STATES CONSUMPTIVE USE SUMMARY																
ARIZONA																
CALIFORNIA																
NEVADA																
TOTAL CONSUMPTIVE USE, LOWER DIVISION STATES																
DELIVERIES TO MEXICO IN SATISFACTION OF TREATY REQUIREMENTS																
WATER BYPASSED PURSUANT TO MINUTE NO. 242 OF THE IBWC																
WATER PASSING TO MEXICO IN EXCESS OF TREATY																
TOTAL CU, LOWER DIVISION STATES AND DELIVERIES TO MEXICO 2/																
LCWSP PUMPING SUMMARY		3/	NON-FEDERAL	0	0	0	0	0	0	0	501	388	90	0	979	
		3/	FEDERAL	0	0	0	0	0	0	0	222	171	40	0	433	
			TOTAL	0	0	0	0	0	0	0	723	559	130	0	1,412	
RESERVOIR CONTENTS SUMMARY (Thousand Acre-Feet)																
			DEC 2005	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	CHANGE
LOWER BASIN TOTAL STORAGE		4/	17,344	17,528	17,693	17,566	17,189	16,722	16,424	16,272	16,291	16,026	16,008	16,088	16,327	-1,017
LOWER BASIN STORAGE PLUS LAKE POWELL		5/	28,920	28,734	28,486	28,270	28,282	28,980	29,190	28,688	28,308	27,943	28,534	28,504	28,403	-517
PERCENTAGE OF ACTIVE STORAGE, LOWER BASIN PLUS POWELL			55.0%													54.0%
OFFSTREAM INTERSTATE STORAGE SUMMARY																
WATER STORED IN AZ FOR THE BENEFIT OF NV & CA		6/	NEVADA	B.O.Y. Balance		2006 Storage		E.O.Y. Balance								
			CALIFORNIA	237,065		175,569		412,634								
				80,909		0		80,909								
WATER STORED IN CA BY MWD FOR THE BENEFIT OF NV		7/	NEVADA	20,000		0		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 Division States, Deliveries to Mexico in Satisfaction of Treaty, Water Bypassed Pursuant of the IBWC Minute No. 242 and water passing to Mexico in excess of treaty requirements.
- 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. The 2006 storage value for Arizona is estimated from the diversion.
- 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 2006

	10/2007	(THOUSAND ACRE-FEET)													
	Ftnts	DEC 2005	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	CY CHANGE
															1/2/
END OF MONTH ACTIVE CONTENTS:															
LAKE POWELL		11,576	11,206	10,793	10,704	11,093	12,258	12,766	12,416	12,017	11,917	12,526	12,416	12,076	500
PERCENTAGE OF POWELL ACTIVE STORAGE	3/	47.6%	46.1%	44.4%	44.0%	45.6%	50.4%	52.5%	51.0%	49.4%	49.0%	51.5%	51.0%	49.7%	
LAKE MEAD		15,131	15,335	15,520	15,337	14,966	14,470	14,178	13,993	14,005	13,887	13,964	14,014	14,164	-967
LAKE MOHAVE		1,634	1,631	1,626	1,665	1,665	1,690	1,670	1,695	1,706	1,584	1,467	1,508	1,579	-55
LAKE HAVASU		579	562	547	564	558	562	576	584	580	555	577	566	584	5
STORAGE IN LOWER BASIN	4/	17,344	17,528	17,693	17,566	17,189	16,722	16,424	16,272	16,291	16,026	16,008	16,088	16,327	-1,017
PERCENTAGE OF CO. RIVER ACTIVE STORAGE IN THE LOWER BASIN	5/	61.3%	61.9%	62.5%	62.1%	60.7%	59.1%	58.0%	57.5%	57.6%	56.6%	56.6%	56.8%	57.7%	
LOWER BASIN STORAGE PLUS LAKE POWELL	6/	28,920	28,734	28,486	28,270	28,282	28,980	29,190	28,688	28,308	27,943	28,534	28,504	28,403	-517
PERCENTAGE OF ACTIVE STORAGE, LOWER BASIN PLUS POWELL	7/	55.0%	54.6%	54.1%	53.7%	53.7%	55.1%	55.5%	54.5%	53.8%	53.1%	54.2%	54.2%	54.0%	
TOTAL SYSTEM STORAGE	8/	34,433	34,181	33,868	33,615	33,747	34,712	35,007	34,449	33,973	33,521	34,200	34,177	33,972	-461
PERCENTAGE OF TOTAL SYSTEM STORAGE	9/	58.0%	57.6%	57.0%	56.6%	56.8%	58.5%	59.0%	58.0%	57.2%	56.4%	57.6%	57.6%	57.2%	

Footnotes:

- 1/ Values may differ from figures shown due to rounding and being displayed 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 available active storage capacity held in the Lower Basin (Lakes Mead, Mohave and Havasu). Based on 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 available total active storage capacity held 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 59,383,125 af.

Note: For purposes of this tabulation, the term "active storage" is equivalent to live storage less the Exclusive Flood Control Space, 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 CONSOLIDATED DECREE OF THE UNITED STATES
SUPREME COURT IN *ARIZONA V. CALIFORNIA*, 547 U.S. 150 (2006)**

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 CONSOLIDATED DECREE OF THE UNITED STATES
SUPREME COURT IN ARIZONA V. CALIFORNIA, 547 U.S. 150 (2006)**

The following tabulation for calendar year 2006 shows the final records for releases of water through regulatory structures controlled by the United States. Releases from Glen Canyon and Hoover Dams are measured and reported by U.S.B.R. The Davis, Parker, Palo Verde, Imperial, and Laguna Dams records of releases are furnished by the U.S.G.S. 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 2006

STRUCTURE	10/2007	(ACRE-FEET)												
	Ftnts	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
GLEN CANYON DAM		800,027	800,247	601,972	602,905	601,542	801,175	828,681	827,020	536,200	606,031	602,548	800,703	8,409,051
HOOVER DAM		594,600	610,600	830,200	989,900	1,071,000	1,036,000	967,000	817,900	633,100	563,700	524,700	620,600	9,259,300
DAVIS DAM		595,600	628,200	797,400	971,900	1,046,000	1,085,000	974,700	817,600	770,900	715,700	507,000	563,600	9,473,600
PARKER DAM		359,200	433,100	599,700	713,200	737,800	736,900	718,700	623,600	538,900	450,900	353,900	326,300	6,592,200
HEADGATE ROCK DAM	1/	332,870	401,650	554,120	656,500	663,410	661,530	642,060	554,380	487,380	413,980	327,390	294,020	5,989,290
PALO VERDE DAM		308,800	376,100	508,900	602,700	604,800	562,700	552,300	460,400	399,300	347,600	268,200	236,200	5,228,000
IMPERIAL DAM	2/	31,240	25,900	43,030	33,630	23,420	25,150	28,740	36,430	33,320	33,120	24,960	29,770	368,710
DIVERSION TO MITTRY LAKE FROM GILA MAIN CANAL		738	722	697	793	879	841	773	708	823	733	553	624	8,884
SUM IMPERIAL DAM + DIVERSION TO MITTRY LAKE		31,978	26,622	43,727	34,423	24,299	25,991	29,513	37,138	34,143	33,853	25,513	30,394	377,594
LAGUNA DAM		30,920	28,950	37,200	30,680	25,230	32,640	26,620	26,380	27,170	31,390	21,560	28,190	346,930

Note: All data is supplied by the USGS with the exception of the releases from Glen Canyon Dam and Hoover Dam, which are provided by the USBR.

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 CONSOLIDATED DECREE OF THE UNITED STATES SUPREME COURT
IN ARIZONA V. CALIFORNIA, 547 U.S. 150 (2006)**

The following tabulations for calendar year 2006 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 (USGS), 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 Arizona and California, entitled "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 are assumed to be equal to 6.25 acre-feet per irrigated acre of land per year. Unmeasured returns are

computed by multiplying a users' diversion by an unmeasured 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 required by Article V of the Consolidated Decree of the United States Supreme Court in *Arizona v. California*, 547 U.S 150 (2006). 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.

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 2006
STATE OF ARIZONA

WATER USER	Ftnts	10/2007												TOTAL 1/
		(ACRE-FEET)												
		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	2	3	3	6	10	11	12	13	15	9	5	3	92
	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	2	3	3	6	10	11	12	13	15	9	5	3	92
LAKE MEAD NAT'L RECREATION, AZ. DIVERSIONS FROM LAKE MOHAVE (KATHERINE, WILLOW BEACH)														
	DIVERSION	10	12	15	14	20	25	30	32	22	21	13	12	226
	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	10	12	15	14	20	25	30	32	22	21	13	12	226
LOWER COLORADO RIVER DAMS PROJECT DIVERSION AT DAVIS DAM														
	DIVERSION	1	2	2	2	3	4	5	5	5	5	6	4	44
	MEAS. RETURNS	1	2	2	2	3	4	5	5	5	5	6	3	43
	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	1	1
BULLHEAD CITY PUMPED FROM WELLS														
	DIVERSION	779	760	802	843	1,018	1,121	1,189	1,313	1,021	1,092	779	774	11,491
DIV. AT DAVIS DAM, MOHAVE CO. PARKS														
	DIVERSION	8	6	7	9	11	12	9	11	9	6	6	7	101
	MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
	UNMEAS. RETURNS	260	253	267	281	340	374	395	437	340	362	259	258	3,826
	CONSUMPTIVE USE	527	513	542	571	689	759	803	887	690	736	526	523	7,766
MOHAVE VALLEY WATER CONSERVATION DIST. PUMPED FROM WELLS														
	DIVERSION	73	71	76	72	96	101	93	101	101	75	80	57	996
	MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
	UNMEAS. RETURNS	24	23	25	24	32	33	31	33	33	25	26	19	328
	CONSUMPTIVE USE	49	48	51	48	64	68	62	68	68	50	54	38	668
BROOKE WATER LLC PUMPED FROM RIVER														
	DIVERSION	33	38	37	32	40	41	47	48	43	36	34	30	459
	MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
	UNMEAS. RETURNS	11	13	12	11	13	14	16	16	14	12	11	10	153
	CONSUMPTIVE USE	22	25	25	21	27	27	31	32	29	24	23	20	306
MOHAVE VALLEY I.D.D. PUMPED FROM WELLS														
	DIVERSION	1,057	1,992	2,363	3,163	3,146	6,543	4,096	3,423	3,935	2,288	1,946	1,554	35,506
PUMPED FROM TOPOCK MARSH INLET														
	DIVERSION	0	0	70	116	97	42	48	96	111	51	22	22	675
	MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
	UNMEAS. RETURNS	486	916	1,119	1,508	1,492	3,029	1,906	1,619	1,861	1,076	905	725	16,642
	CONSUMPTIVE USE	571	1,076	1,314	1,771	1,751	3,556	2,238	1,900	2,185	1,263	1,063	851	19,539
FORT MOJAVE INDIAN RESERVATION PUMPED FROM RIVER	2/													
	DIVERSION	1,788	3,792	4,909	4,941	7,384	8,241	8,700	9,324	4,513	3,055	1,721	1,350	59,718
PUMPED FROM TOPOCK MARSH INLET														
	DIVERSION	119	135	230	458	499	743	663	719	374	172	203	46	4,360
DELIVERED BY CITY OF NEEDLES														
	DIVERSION	2	2	2	2	3	3	3	3	7	2	2	1	32
	MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
	UNMEAS. RETURNS	822	1,744	2,258	2,273	3,397	3,791	4,002	4,289	2,076	1,405	792	621	27,470
	CONSUMPTIVE USE	1,087	2,185	2,883	3,128	4,489	5,196	5,364	5,757	2,818	1,824	1,134	776	36,640
GOLDEN SHORES WATER CONSERVATION DIST PUMPED FROM WELLS	3/													
	DIVERSION	23	27	37	40	50	60	66	63	50	42	28	29	515
	MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
	UNMEAS. RETURNS	8	9	12	13	17	20	22	21	17	14	9	10	172
	CONSUMPTIVE USE	15	18	25	27	33	40	44	42	33	28	19	19	343
HAVASU NATIONAL WILDLIFE REFUGE TOPOCK MARSH INLET	4/													
	DIVERSION	650	1,245	3,490	6,306	5,834	4,735	3,209	2,005	1,615	1,197	0	143	30,429
FARM DITCH														
	DIVERSION	161	220	694	1,166	1,103	1,121	781	563	585	444	65	92	6,995
PUMPED FROM ONE WELL IN THE FLOODPLAIN	3/													
	DIVERSION	10	11	15	17	20	25	27	26	20	17	12	12	212
	MEAS. RETURNS	13	11	10	6	0	0	0	0	11	6	0	0	57
	UNMEAS. RETURNS	711	1,289	3,687	6,585	6,122	5,175	3,535	2,283	1,944	1,454	68	217	33,070
	CONSUMPTIVE USE	97	176	502	898	835	706	482	311	265	198	9	30	4,509

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 2006
STATE OF ARIZONA

WATER USER	10/2007 Ftns	(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	954	889	963	1,230	1,458	1,473	1,399	1,213	1,284	1,204	1,236	1,230	14,533
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	363	338	366	467	554	560	532	461	488	458	470	467	5,524
		CONSUMPTIVE USE	591	551	597	763	904	913	867	752	796	746	766	763	9,009
CENTRAL ARIZONA PROJECT PUMPED FROM LAKE HAVASU WATER DIVERTED TO STORAGE FOR SNWA		DIVERSION	150,827	121,435	90,479	155,462	162,358	172,623	68,380	10,158	98,670	164,521	99,781	132,892	1,427,586
		DIVERSION	2,289	5,720	7,881	10,527	13,115	9,141	8,759	36,843	38,363	16,373	19,354	20,762	189,127
		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	153,116	127,155	98,360	165,989	175,473	181,764	77,139	47,001	137,033	180,894	119,135	153,654	1,616,713
TOWN OF PARKER PUMPED FROM 1 MUNICIPAL WELL	5/	DIVERSION	50	51	54	67	91	97	107	103	84	73	63	54	894
		MEAS. RETURNS	23	20	23	23	22	20	25	22	19	20	20	20	257
		UNMEAS. RETURNS	14	15	15	19	26	28	30	29	24	21	18	15	254
		CONSUMPTIVE USE	13	16	16	25	43	49	52	52	41	32	25	19	383
COLORADO RIVER INDIAN RESERVATION DIVERSION AT HEADGATE ROCK DAM 2 PUMPS AND MUNICIPAL	6/	DIVERSION	26,330	31,450	45,580	56,700	74,390	75,370	76,640	69,220	51,520	36,920	26,510	32,280	602,910
		DIVERSION	534	640	839	930	1,152	1,365	1,491	1,435	1,135	957	704	677	11,859
		MEAS. RETURNS	15,758	14,719	18,867	19,114	20,896	21,754	24,609	24,138	19,788	18,365	15,567	16,289	229,864
		UNMEAS. RETURNS	1,478	1,765	2,553	3,170	4,155	4,220	4,297	3,886	2,896	2,083	1,497	1,813	33,813
		CONSUMPTIVE USE	9,628	15,606	24,999	35,346	50,491	50,761	49,225	42,631	29,971	17,429	10,150	14,855	351,092
EHRENBURG IMPROVEMENT ASSN. ONE RIVER PUMP		DIVERSION	32	26	29	34	45	50	52	45	46	47	39	30	475
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	9	7	8	10	13	14	15	13	13	13	11	9	135
		CONSUMPTIVE USE	23	19	21	24	32	36	37	32	33	34	28	21	340
CIBOLA VALLEY IRRIGATION DISTRICT CIBOLA VALLEY IRRIGATION DISTRICT MOHAVE COUNTY WATER AUTHORITY HOPI TRIBE		DIVERSION	753	807	829	1,180	1,555	2,116	1,914	2,196	1,404	386	187	298	13,625
		DIVERSION	190	363	385	365	847	1,170	1,043	1,134	921	163	96	0	6,677
		DIVERSION	192	596	263	255	664	1,177	1,159	1,092	920	110	89	168	6,685
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	323	503	421	513	874	1,272	1,173	1,260	925	188	106	133	7,691
		CONSUMPTIVE USE	812	1,263	1,056	1,287	2,192	3,191	2,943	3,162	2,320	471	266	333	19,296
CIBOLA NATIONAL WILDLIFE REFUGE PUMPED FROM 3 PUMPS		DIVERSION	632	549	1,003	842	1,263	1,226	1,503	950	1,559	1,137	1,602	1,039	13,305
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	240	209	381	320	480	466	571	361	592	432	609	395	5,056
		CONSUMPTIVE USE	392	340	622	522	783	760	932	589	967	705	993	644	8,249
IMPERIAL NATIONAL WILDLIFE REFUGE PUMPED FROM 4 PUMPS		DIVERSION	218	169	122	118	196	154	115	125	131	121	123	79	1,671
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	83	64	46	45	74	59	44	48	50	46	47	30	636
		CONSUMPTIVE USE	135	105	76	73	122	95	71	77	81	75	76	49	1,035
YUMA PROVING GROUND DIVERSION AT IMPERIAL DAM WELLS W, X, Y, Z		DIVERSION	0	1	3	0	4	1	1	3	2	0	0	0	15
		DIVERSION	19	22	19	60	89	128	95	94	89	42	27	29	713
		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	19	23	22	60	93	129	96	97	91	42	27	29	728
GILA MONSTER FARMS DIVERSION AT IMPERIAL DAM *Use from ASLD lease has been deducted.		DIVERSION	378	412	603	758	1,156	1,437	1,587	994	668	631	426	279	9,330
		MEAS. RETURNS	39	7	77	33	34	38	85	19	-8	21	45	10	400
		UNMEAS. RETURNS	144	157	229	288	439	546	603	378	254	240	162	106	3,546
		CONSUMPTIVE USE	195	248	297	437	683	853	899	597	422	370	219	163	5,384

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 2006
STATE OF ARIZONA

WATER USER	Ftnts	(ACRE-FEET)												TOTAL 1/	
		10/2007	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV		DEC
WELLTON-MOHAWK I. & D. D. DIVERSION AT IMPERIAL DAM		DIVERSION	18,898	24,980	31,912	43,787	48,630	46,569	39,901	36,590	33,491	30,448	22,831	23,959	401,996
		GGMC RETURN	2,038	461	4,079	2,175	1,534	1,282	0	867	0	991	2,063	818	16,308
		DOME RETURN	1,350	1,228	1,046	68	267	317	378	281	629	497	361	529	6,951
	7/	MOD RETURN	8,420	7,430	7,990	6,770	7,070	8,600	9,110	9,470	9,360	9,980	9,930	9,680	103,810
		RETURNS, TOTAL	11,808	9,119	13,115	9,013	8,871	10,199	9,488	10,618	9,989	11,468	12,354	11,027	127,069
		UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		CONSUMPTIVE USE	7,090	15,861	18,797	34,774	39,759	36,370	30,413	25,972	23,502	18,980	10,477	12,932	274,927
CITY OF YUMA DIVERSION AT IMPERIAL DAM (AAC)		DIVERSION	1,938	1,858	1,879	1,879	2,331	2,620	2,815	2,790	2,508	2,211	1,967	1,987	26,783
DIVERSION AT IMPERIAL DAM (GILA)		DIVERSION	0	0	0	0	0	0	0	0	0	0	0	0	0
DIVERTED FOR MWD DESALTING STUDY		DIVERSION	6	5	6	72	80	76	72	62	69	65	59	62	634
		MEAS. RETURNS	835	819	817	768	787	689	645	782	719	701	679	806	9,047
		UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		CONSUMPTIVE USE	1,109	1,044	1,068	1,183	1,624	2,007	2,242	2,070	1,858	1,575	1,347	1,243	18,370
MARINE CORPS AIR STATION (YUMA) DIVERSION AT IMPERIAL DAM		DIVERSION	137	251	111	370	162	189	186	176	172	135	117	98	2,104
		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	137	251	111	370	162	189	186	176	172	135	117	98	2,104
SOUTHERN PACIFIC COMPANY DIVERSION AT IMPERIAL DAM		DIVERSION	4	4	4	4	4	4	4	4	4	4	4	4	48
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	2	2	2	2	2	2	2	2	2	2	2	2	24
		CONSUMPTIVE USE	2	2	2	2	2	2	2	2	2	2	2	2	24
YUMA MESA FRUIT GROWERS ASSN. DIVERSION AT IMPERIAL DAM		DIVERSION	0	0	0	0	0	0	0	0	0	0	0	1	1
		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	1	1
UNIVERSITY OF ARIZONA DIVERSION AT IMPERIAL DAM (WARREN ACT)		DIVERSION	58	32	28	56	66	83	0	0	0	0	0	0	323
		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	58	32	28	56	66	83	0	0	0	0	0	0	323
YUMA UNION HIGH SCHOOL DIVERSION AT IMPERIAL DAM		DIVERSION	8	7	14	13	15	33	22	15	14	17	1	2	161
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	2	2	4	3	4	8	6	4	4	4	0	1	42
		CONSUMPTIVE USE	6	5	10	10	11	25	16	11	10	13	1	1	119
CAMILLE, ALEC. JR. DIVERSION AT IMPERIAL DAM (WARREN ACT)		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
DESERT LAWN MEMORIAL DIVERSION AT IMPERIAL DAM		DIVERSION	1	9	12	12	12	21	19	22	40	0	0	0	148
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	0	3	4	4	4	6	6	7	12	0	0	0	46
		CONSUMPTIVE USE	1	6	8	8	8	15	13	15	28	0	0	0	102
NORTH GILA VALLEY IRRIGATION DISTRICT DIVERSION AT IMPERIAL DAM	8/	DIVERSION	2,657	3,284	3,965	4,029	5,320	5,018	4,587	2,612	3,535	4,764	3,450	2,440	45,661
		MEAS. RETURNS	1,800	1,926	2,335	2,254	2,793	2,790	2,537	1,861	2,023	2,721	2,146	1,725	26,911
		UNMEAS. RETURNS	364	450	543	552	729	687	628	358	484	653	473	334	6,255
		CONSUMPTIVE USE	493	908	1,087	1,223	1,798	1,541	1,422	393	1,028	1,390	831	381	12,495

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 2006
STATE OF ARIZONA

10/2007		(ACRE-FEET)												
WATER USER	Ftns	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
YUMA IRRIGATION DISTRICT														
DIVERSION AT IMPERIAL DAM	8/	4,121	4,330	5,964	6,802	7,138	6,610	5,277	4,031	5,281	5,482	4,691	3,825	63,552
PUMPED FROM PRIVATE WELLS	9/	47	58	81	172	352	239	161	155	251	139	210	67	1,932
	10/	113	142	193	209	255	310	338	325	256	214	152	150	2,657
SURFACE RETURNS		1,450	913	2,092	1,664	1,549	1,495	1,010	1,011	1,048	1,181	1,372	893	15,678
PUMPED FROM WELLS	9/	0	0	0	0	0	0	0	0	0	0	0	0	0
		888	935	1,288	1,485	1,595	1,459	1,158	892	1,178	1,197	1,044	829	13,948
		1,830	2,540	2,665	3,825	4,346	3,895	3,270	2,283	3,306	3,243	2,485	2,170	35,858
YUMA MESA I. D. D.														
DIVERSION AT IMPERIAL DAM	8/	9,961	8,675	13,529	14,847	23,026	24,352	21,863	24,632	16,419	13,405	10,994	8,746	190,449
		5,718	5,672	6,968	6,869	5,508	4,289	5,106	6,889	4,290	3,052	3,461	2,683	60,505
		1,594	1,388	2,165	2,376	3,684	3,896	3,498	3,941	2,627	2,145	1,759	1,399	30,472
		2,649	1,615	4,396	5,602	13,834	16,167	13,259	13,802	9,502	8,208	5,774	4,664	99,472
UNIT "B" I. D. D.														
DIVERSION AT IMPERIAL DAM	8/	1,407	1,130	1,751	2,114	3,344	3,325	3,278	3,742	2,252	2,244	1,795	1,147	27,529
	8/	959	991	1,123	1,178	941	720	901	1,196	757	533	593	455	10,347
		0	0	0	0	0	0	0	0	0	0	0	0	0
		448	139	628	936	2,403	2,605	2,377	2,546	1,495	1,711	1,202	692	17,182
FORT YUMA INDIAN RESERVATION														
DIVERSIONS FOR YUMA EAST WETLANDS RANCH "5" LANDS, YUMA ISLAND, AZ (180 ac)														
		3	3	10	11	14	13	13	10	9	7	6	4	103
		44	36	35	84	84	89	77	14	76	155	94	59	847
		0	0	0	0	0	0	0	0	0	0	0	0	0
		16	14	16	33	34	36	32	8	30	57	35	22	332
		31	25	29	62	64	66	59	16	55	105	65	41	617
YUMA COUNTY WATER USERS ASSOCIATION														
DIVERSION AT IMPERIAL DAM		21,802	23,452	33,192	42,468	41,026	26,307	27,666	21,312	25,988	39,570	30,040	20,532	353,355
PUMPED FROM WELLS		45	70	567	84	41	56	29	65	73	0	108	17	1,155
		8,329	7,636	7,187	7,105	8,780	6,944	7,099	6,670	8,954	12,134	12,549	10,586	103,973
		459	494	709	894	862	554	582	449	547	831	633	432	7,446
		13,059	15,392	25,863	34,553	31,425	18,865	20,014	14,258	16,560	26,605	16,966	9,531	243,091
COCOPA INDIAN RESERVATION														
DIVERSION AT IMPERIAL DAM		381	398	479	330	424	661	1,139	692	294	259	183	27	5,267
PUMPED FROM WELLS	11/	1	1	8	1	0	1	1	2	1	0	1	0	17
		8	6	1	3	14	19	12	20	8	5	4	1	101
		0	0	3	0	0	0	0	1	0	0	0	0	4
		374	393	483	328	410	643	1,128	673	287	254	180	26	5,179
YUMA AREA OFFICE, USBR														
PUMPED FROM COOPER LATERAL		0	0	0	3	2	3	4	4	3	4	4	2	29
		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	3	2	3	4	4	3	4	4	2	29
PUMPED FROM SOUTH GILA WELLS (DPOC'S)														
	12/	6,647	4,866	4,540	5,058	6,108	6,654	6,583	6,397	5,388	6,507	6,768	7,014	72,530
		-6,647	-4,866	-4,540	-5,058	-6,108	-6,654	-6,583	-6,397	-5,388	-6,507	-6,768	-7,014	-72,530
		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/	1,310	1,545	1,934	2,154	2,609	2,874	3,231	2,917	2,577	2,222	1,730	1,596	26,699
		0	0	0	0	0	0	0	0	0	0	0	0	0
		458	541	677	754	913	1,006	1,131	1,020	901	778	605	557	9,341
		852	1,004	1,257	1,400	1,696	1,868	2,100	1,897	1,676	1,444	1,125	1,039	17,358
ARIZONA TOTALS														
		250,943	241,574	257,285	365,007	412,397	409,500	293,568	243,197	302,279	332,328	233,444	258,527	3,600,049
		53,388	46,707	57,157	53,090	56,306	55,615	58,105	59,628	52,991	56,719	55,564	51,512	656,782
		2,112	6,268	12,270	16,572	19,747	20,601	17,632	15,419	11,924	6,989	2,773	1,390	133,696
		195,442	188,600	187,858	295,344	336,344	333,284	217,831	168,150	237,364	268,620	175,107	205,626	2,809,571

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 2006
STATE OF ARIZONA

10/2007

(ACRE-FEET)

WATER USER	Ftnts	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
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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/ Diversion amounts include deliveries to the Fort Mojave Tribe from the City of Needles and diversions from Topock Marsh Inlet canal.
- 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 and Fort Mojave Indian Reservation.
- 5/ The 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 are estimated by multiplying CRIT's measured effluent by the Town of Parker's diversion to 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	299,662
Pumped from wells	1,932
Surface returns from South Gila Valley (S.Gila Canal Wasteway)	2,658
Return flow North Gila Valley (4 drains & wasteways)	8,228
Total Yuma Mesa Division Unmeasured Returns	50,675
Return flow Yuma Mesa Outlet Drain	22,644
Return flow protective and regulatory pumping unit	27,940
Estimated unmeasured groundwater return flow	26,248
Return flow share of Gila Main Canal loss	15,375
Subtotal return flow	153,768
Consumptive Use (see note above)	147,826

- A/ Total for the North Gila Valley, 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/ 85 percent of Protective and Regulatory Pumping Unit credited to Yuma Mesa Irrigation and Drainage District 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 G. Ogram, Ogram Boy's Enterprises, and ASLD which lie outside of the YID service area. YID's GGMC Diversion 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 can be found on the Arizona Supplemental Sheets.

ARIZONA SUPPLEMENTAL TABULATION
CALENDAR YEAR 2006
STATE OF ARIZONA

WATER USER	Ftns	USGS # 1/	10/2007 (ACRE-FEET)												TOTAL
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
Marble Canyon Company			1	1	1	2	3	3	3	4	4	5	4	4	35
SUBTOTAL, LEE FERRY TO DAVIS DAM	2/	DIVERSION	1	1	1	2	3	3	3	4	4	5	4	4	35
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	0	0	0	1	1	1	1	1	1	2	1	1	10
		CONSUMPTIVE USE	1	1	1	1	2	2	2	3	3	3	3	3	25
McAlister, M.			0	0	1	1	1	1	1	1	1	1	0	0	8
Crystal Beach Water Conservation District			9	9	10	10	10	10	10	10	10	9	9	9	115
Arizona-American Water Co.			36	45	62	67	82	99	108	104	82	69	49	47	850
Arizona State Parks (Windsor Beach)			1	2	3	4	8	5	6	6	5	4	2	2	48
SUBTOTALS, DAVIS DAM TO PARKER DAM	2/	DIVERSION	46	56	76	82	101	115	125	121	98	83	60	58	1,021
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	16	20	27	29	35	40	44	42	34	29	21	20	357
		CONSUMPTIVE USE	30	36	49	53	66	75	81	79	64	54	39	38	664
Hillcrest Water Co.			2	1	2	3	3	2	3	2	3	3	2	3	29
Rayner, Jack Jr.		AEP-9	80	100	137	147	180	219	239	230	180	151	107	106	1,876
Rayner, Jack Jr.		AEW-35	80	100	137	147	180	219	239	228	180	151	107	106	1,874
Arizona State Land Department (domestic use)			8	9	10	10	13	9	12	13	11	9	8	7	119
Arizona State Land Department (agricultural use)			161	165	152	160	222	276	309	210	279	20	120	80	2,154
North Baja Pipeline, LLC. (TransCanada)			25	20	30	15	0	30	15	10	30	40	30	41	286
BLM Permittees (LHFO & YFO)			59	47	46	36	64	56	88	55	44	39	47	44	625
SUBTOTALS, PARKER DAM TO IMPERIAL DAM	2/	DIVERSION	415	442	514	518	662	811	905	748	727	413	421	387	6,963
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	145	155	180	181	232	284	317	262	254	145	147	135	2,437
		CONSUMPTIVE USE	270	287	334	337	430	527	588	486	473	268	274	252	4,526
Bard Date Gardens (Jessen Family LTD. Partnership)	3/	AEW-3	22	26	37	38	47	57	63	63	49	39	29	27	497
Bard Date Gardens (Jessen Family LTD. Partnership)	3/	AEP-1	21	24	35	37	46	54	60	58	45	37	28	26	471
Glen Curtis Citrus	3/	AEP-2/3, AEW-4/5, ADW-3	90	112	153	165	202	245	267	257	202	169	120	118	2,100
Youmans, R. (Beatty Farms Southwest)	3/	ADW-2	44	55	75	81	99	120	131	127	99	83	59	58	1,031
BLM Permittees (YFO)			16	16	16	16	19	19	20	20	20	19	19	19	219
Pratt, L.	3/	ADW-1	2	3	4	4	5	6	6	5	5	4	3	3	50
Ogram, George	3/	AEW-9 Delivered by YID	17	21	29	31	38	47	52	49	38	32	23	23	400
Ogram Boys Enterprises	3/	Delivered by YID	33	41	56	61	74	90	98	94	74	62	44	43	770
Peach	3/	AEW-12	0	0	0	0	0	0	0	0	0	0	0	0	0
Peach	3/	AEW-13/ AEW-48	13	17	23	25	30	36	40	38	30	25	18	18	313
Yucca Pwr Plant (Arizona Public Service Co.)	3/		38	17	42	24	35	66	72	66	102	92	54	50	658
Amigo Farms	3/	AEW-14, ADP-1	15	18	25	27	33	40	44	42	33	28	20	19	344
Curry Family Limited	3/	AEP-4, ADP-2	12	15	20	22	27	33	36	34	27	23	16	16	281
Power, P.	3/	ADP-3/4	33	41	56	60	74	90	98	94	74	62	44	43	769
Griffin Ranches Inc.	3/	ADP-3/4	2	3	4	5	7	8	9	9	7	6	6	4	70
Power, V. and M.	3/	ADP-3/4	8	12	19	21	26	31	34	32	26	21	15	15	260
Pasquinelli, Gary	3/	ADP-5	21	26	35	38	47	57	61	60	47	39	28	27	486
Arizona State Land Department (agricultural use)			461	599	714	897	1,034	946	1,107	996	870	980	719	638	9,960
SUBTOTALS, BELOW IMPERIAL DAM	2/	DIVERSION	848	1,046	1,343	1,552	1,843	1,945	2,198	2,044	1,748	1,721	1,245	1,147	18,680
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	297	366	470	543	645	681	769	715	612	602	436	401	6,537
		CONSUMPTIVE USE	551	680	873	1,009	1,198	1,264	1,429	1,329	1,136	1,119	809	746	12,143
TOTAL ARIZONA SUPPLEMENTAL TABULATION		DIVERSION	1,310	1,545	1,934	2,154	2,609	2,874	3,231	2,917	2,577	2,222	1,730	1,596	26,699
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	458	541	677	754	913	1,006	1,131	1,020	901	778	605	557	9,341
		CONSUMPTIVE USE	852	1,004	1,257	1,400	1,696	1,868	2,100	1,897	1,676	1,444	1,125	1,039	17,358

ARIZONA SUPPLEMENTAL TABULATION
 CALENDAR YEAR 2006
 STATE OF ARIZONA

10/2007

(ACRE-FEET)

WATER USER	Ftnts	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/ Monthly and annual totals rounded and displayed to the nearest whole number.
- 3/ Calculated by assuming an annual diversion rate of 6.25 af per acre.

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 2006
STATE OF CALIFORNIA

10/2007		(ACRE-FEET)													
WATER USER	Ftnts	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/	
FORT MOJAVE INDIAN RESERVATION															
DELIVERED BY CITY OF NEEDLES	2/	DIVERSION	2	2	2	3	3	3	4	5	2	2	1	32	
PUMPED FROM RIVER AND WELLS		DIVERSION	630	1,141	1,399	2,081	2,129	2,972	2,096	2,794	2,113	890	460	90	18,795
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	292	528	647	963	985	1,374	970	1,293	979	412	213	42	8,698
		CONSUMPTIVE USE	340	615	754	1,121	1,147	1,601	1,129	1,505	1,139	480	249	49	10,129
CITY OF NEEDLES															
PUMPED FROM FOUR WELLS IN FLOODPLAIN	3/	DIVERSION	160	143	164	216	281	293	297	303	219	198	192	160	2,626
		MEAS. RETURNS	26	23	26	35	45	47	48	49	35	32	31	26	423
		UNMEAS. RETURNS	30	27	30	40	52	54	55	56	41	37	36	30	488
		CONSUMPTIVE USE	104	93	108	141	184	192	194	198	143	129	125	104	1,715
CHEMEHUEVI INDIAN RESERVATION															
PUMPED FROM RIVER AND WELLS	3/	DIVERSION	15	11	30	17	23	25	29	26	22	61	18	17	294
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	7	5	14	8	11	12	13	12	10	28	8	8	136
		CONSUMPTIVE USE	8	6	16	9	12	13	16	14	12	33	10	9	158
METROPOLITAN WATER DISTRICT															
DIVERSION FROM LAKE HAVASU	4/	DIVERSION	42,457	35,509	38,658	59,230	73,437	73,909	77,987	84,472	56,190	20,889	10,658	21,148	594,544
WATER ALLOCATED TO SLRSP	5/	DIVERSION	0	0	0	0	0	0	0	0	0	0	0	172	
WATER EXCHANGED WITH SDCWA	6/	DIVERSION	3,333	3,333	3,334	3,333	3,333	3,334	3,333	3,334	3,334	3,333	3,333	4,176	40,842
		MEAS. RETURNS	265	239	265	256	257	246	345	245	242	255	253	266	3,134
		UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	
		CONSUMPTIVE USE	45,525	38,603	41,727	62,307	76,513	76,997	80,975	87,560	59,282	23,967	13,738	25,230	632,424
PARKER DAM AND GOVERNMENT CAMP															
DIVERSION AT PARKER DAM	3/	DIVERSION	10	11	12	15	17	23	18	21	16	16	13	12	184
		MEAS. RETURNS	2	2	2	2	10	10	10	11	10	2	2	2	65
		UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		CONSUMPTIVE USE	8	9	10	13	7	13	8	10	6	14	11	10	119
COLORADO RIVER INDIAN RESERVATION															
3 RIVER PUMPS	7/	DIVERSION	268	311	407	450	566	677	740	722	571	466	341	314	5,833
BIG RIVER WATER DEPT. - 8 WELLS		DIVERSION	80	76	86	104	142	163	179	183	147	111	89	66	1,426
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	151	168	213	240	307	364	398	392	311	250	186	165	3,145
		CONSUMPTIVE USE	197	219	280	314	401	476	521	513	407	327	244	215	4,114
CITY OF WINTERHAVEN															
PUMPED FROM 1 WELL IN FLOODPLAIN	8/	DIVERSION	4	6	8	8	10	12	15	13	10	8	6	6	106
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	
		UNMEAS. RETURNS	1	2	3	3	3	4	5	4	3	2	2	35	
		CONSUMPTIVE USE	3	4	5	5	7	8	10	9	7	5	4	4	71
PALO VERDE IRRIGATION DISTRICT															
DIVERSION FROM PALO VERDE DAM	3/	DIVERSION	36,540	51,620	61,870	72,490	91,720	98,680	102,400	103,700	78,640	63,980	45,530	44,150	851,320
		MEAS. RETURNS	28,607	29,828	34,962	34,973	40,147	40,369	41,203	43,244	39,508	42,391	36,125	37,392	448,749
		UNMEAS. RETURNS	2,046	2,891	3,465	4,059	5,136	5,526	5,734	5,807	4,404	3,583	2,550	2,472	47,673
		CONSUMPTIVE USE	5,887	18,901	23,443	33,458	46,437	52,785	55,463	54,649	34,728	18,006	6,855	4,286	354,898
YUMA PROJECT, RES. DIV. INDIAN UNIT															
DIVERSION AT IMPERIAL DAM	3/	DIVERSION	2,647	2,333	3,725	5,288	4,780	1,529	1,866	1,859	2,087	4,937	3,964	3,172	38,187
		MEAS. RETURNS	47	29	8	35	127	32	14	48	41	86	81	68	616
		UNMEAS. RETURNS	442	390	622	883	798	255	312	310	349	824	662	530	6,377
YUMA PROJECT, RES. DIV. BARD UNIT															
DIVERSION AT IMPERIAL DAM	3/	DIVERSION	2,401	2,076	3,978	4,854	5,971	3,493	3,955	2,125	2,666	3,472	3,703	2,063	40,757
		MEAS. RETURNS	26	15	5	19	94	52	21	32	35	39	46	27	411
		UNMEAS. RETURNS	401	347	664	811	997	583	660	355	445	580	618	345	6,806
RETURNS FROM YUMA PROJECT															
RESERVATION DIVISION RETURNS	9/	MEAS. RETURNS	1,282	1,649	1,645	1,953	2,126	1,718	1,730	1,985	1,969	2,204	2,633	2,658	23,552
SUM YUMA PROJECTS, RES. DIV. USE		CONSUMPTIVE USE	2,850	1,979	4,759	6,441	6,609	2,382	3,084	1,254	1,914	4,676	3,627	1,607	41,182

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 2006
STATE OF CALIFORNIA

WATER USER	10/2007 Fmts	(ACRE-FEET)												TOTAL 1/	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
IMPERIAL IRRIGATION DISTRICT															
DIVERSION AT IMPERIAL DAM		DIVERSION	155,181	177,064	236,042	299,375	342,111	316,698	326,189	302,081	265,331	244,800	176,117	153,336	2,994,325
		MEAS. RETURNS	4,616	3,545	850	3,273	15,260	12,245	4,735	12,177	9,369	7,192	5,946	5,437	84,645
		UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		CONSUMPTIVE USE	150,565	173,519	235,192	296,102	326,851	304,453	321,454	289,904	255,962	237,608	170,171	147,899	2,909,680
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	0	9,073	10,927	0	0	0	0	0	20,000
COACHELLA VALLEY WATER DISTRICT															
DIVERSION AT IMPERIAL DAM		DIVERSION	17,969	19,259	21,505	32,958	35,077	36,342	37,171	35,171	29,932	26,961	28,372	18,348	339,065
		MEAS. RETURNS	534	386	77	360	1,565	1,405	540	1,418	1,057	792	958	651	9,743
		UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		CONSUMPTIVE USE	17,435	18,873	21,428	32,598	33,512	34,937	36,631	33,753	28,875	26,169	27,414	17,697	329,322
OTHER USERS PUMPING FROM COLORADO RIVER AND WELLS IN FLOOD PLAIN															
DAVIS DAM TO INTERNATIONAL BOUNDARY	11/	DIVERSION	818	974	1,306	1,564	1,830	2,187	2,358	2,139	1,809	1,699	1,187	1,092	18,963
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	360	429	576	677	802	961	1,034	939	795	747	519	478	8,318
		CONSUMPTIVE USE	458	545	730	887	1,028	1,226	1,324	1,200	1,014	952	668	614	10,645
CALIFORNIA TOTALS		DIVERSION	262,515	293,869	372,526	481,986	561,430	540,340	558,636	538,946	443,092	371,823	273,985	248,323	4,947,471
		MEAS. RETURNS	35,405	35,716	37,840	40,906	59,631	56,124	48,646	59,209	52,266	52,993	46,075	46,527	571,338
		UNMEAS. RETURNS	3,730	4,787	6,234	7,684	9,091	9,133	9,181	9,168	7,337	6,464	4,794	4,072	81,676
		CONSUMPTIVE USE	223,380	253,366	328,452	433,396	492,708	484,156	511,736	470,569	383,489	312,366	223,116	197,724	4,314,457

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/ Diversion amounts include deliveries to the Tribe from the City of Needles (32af). Diversion listed as Pumped From River and Wells is provided by the Fort Mojave Indian Tribe and USBR.
- 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 figures do not include 16 af diverted in October and 23 af diverted in November for delivery for Tijuana, Mexico.
- 5/ Water available for allocation to the San Luis Rey Settlement Parties (SLRSP) as a result of the Coachella Canal Lining Project delivered to MWD pursuant to Section 7.6 of the October 10, 2003 Allocation Agreement.
- 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.
The December 2006 volume includes the 842 acre-feet of conserved water resulting from the Coachella Canal Lining Project allocated to SDCWA pursuant to Article 10 of the October 10, 2003, Allocation Agreement.
- 7/ Unmeasured returns calculated as 43% 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 in the Salton Sea at Reclamation's request in 2004 and 2005. A portion of the temporarily re-regulated water was restored to the system by IID reduced diversions pursuant to Exhibit B Column 7 of the CRWDA. 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 2006
STATE OF CALIFORNIA

WATER USER	10/2007		(ACRE-FEET)												TOTAL
	Ftnts		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
De Soto Ranch	1/2/	CEW-17	0	0	0	0	0	0	0	0	0	0	0	0	0
De Soto Ranch	1/2/	CEW-18	0	0	0	0	0	0	0	0	0	0	0	0	0
Southern Cal Gas	1/3/	CEW-21	3	4	5	6	7	8	9	9	7	6	4	4	72
Pacific Gas & Electric Company	3/		4	5	7	7	9	11	12	11	9	7	5	5	92
Havasu Water Company	3/	Needles rpt	3	3	4	5	6	7	8	7	6	5	3	3	60
J. Victor Construction	3/	Chemehuevi rpt.	0	0	0	1	1	1	1	2	1	2	1	1	11
Wells reported under non-Federal subcontracts to LCWSP	3/	Needles rpt	7	8	12	12	15	18	20	19	15	13	10	9	158
SUBTOTALS, DAVIS DAM TO PARKER DAM	4/	DIVERSION	17	20	28	31	38	45	50	48	38	33	23	22	393
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	4	4	6	7	9	10	11	11	9	8	6	5	91
		CONSUMPTIVE USE	13	16	22	24	29	35	39	37	29	25	17	17	302
Citrus Ranch (Lye, C. L.)	1/2/	CEW-16	2	3	4	4	5	6	6	5	5	4	3	3	50
Lake Enterprises of California			2	2	1	1	1	2	1	2	2	1	1	1	17
BLM Permittees (LHFO & YFO)	5/		12	3	3	66	35	29	42	31	26	23	31	25	326
SUBTOTALS, PARKER DAM TO IMPERIAL DAM	4/	DIVERSION	16	8	8	71	41	37	49	38	33	28	35	29	393
		BLM UNMEAS. RETURNS	3	0	0	14	8	6	10	7	6	5	7	6	72
		UNMEAS. RETURNS	2	2	2	2	3	4	3	3	3	2	2	2	30
		CONSUMPTIVE USE	11	6	6	55	30	27	36	28	24	21	26	21	291
Wetmore, Kenneth C.			0	0	0	0	1	1	1	1	1	0	0	0	5
Williams, Jerry O. & Deloris P.			0	0	0	0	0	0	1	1	0	0	0	0	2
Carney, Jerome D.			0	0	0	0	0	0	1	0	0	0	0	0	1
Wetmore, Mark M.			0	0	1	1	1	1	1	1	1	1	1	0	9
<u>FORT YUMA, IR - CA</u>															
Valdez, Mike	1/2/	CDP-1, 2, CEW-1	43	53	73	79	96	117	127	122	96	81	57	56	1,000
Steve Alameda (Living Earth Farm)	1/2/	CEW-2, CDP-3	23	29	40	43	53	65	71	67	53	44	31	31	550
Mike Valdez	1/2/	CEW-3, CDP-4, CDW-1	133	167	228	246	300	363	398	383	301	251	179	176	3,125
MivCo Packing	1/2/	CEW-14	37	47	64	69	84	102	111	107	84	71	50	49	875
Valdez, Mike	1/2/	CEW-15	0	0	0	0	0	0	0	0	0	0	0	0	0
Ranch "5" Lands, Yuma Island, CA (351 ac)	6/	AAC diversion	86	70	67	164	163	174	151	28	149	302	183	114	1,651
Huerta Packing	1/2/	CDP-6/7	0	0	0	0	0	0	0	0	0	0	0	0	0
<u>Sum of pumping on FYIR - CA</u>	4/		322	366	472	601	696	821	858	707	683	749	500	426	7,201
<u>YUMA ISLAND - CA</u>															
Arizona State Land Department Lessees															
Martin Family Trust	1/2/	CEP-01,02,CDW-07	51	63	86	91	114	140	151	145	114	98	68	67	1,188
Billy Turner	1/2/	CEW-08, CEP-03, CDW-07	31	38	52	57	69	84	91	88	69	58	41	41	719
Leroy Heile	1/2/	CDEW-01, CEW-07, CDW-06	51	63	86	93	114	139	151	145	114	97	68	67	1,188
James Williams	1/2/	CDW-5	11	13	18	20	24	29	32	31	24	20	14	14	250
Griffin Produce Company	1/2/	CEW-04,05,CDW-03	69	87	118	128	156	189	208	199	156	131	93	91	1,625
Perez Family Trust	1/2/	CEW-06, CDW-04	48	60	82	88	108	131	144	138	108	91	64	63	1,125
Clifford Winton Jr.	1/2/7/		10	13	17	19	23	28	30	29	23	19	14	13	238
Clara Jean Wilson	1/2/7/		11	13	18	20	24	29	32	31	24	20	14	14	250
Land, K. H.	1/2/	CDW-8 (CEW-12)	31	38	52	57	69	84	91	88	69	58	42	40	719
K.H. Easterday	1/2/	CEW-22	12	21	33	35	43	53	58	55	43	36	25	24	438
Wilson Farms	1/2/	CEW-11	15	18	25	27	33	40	44	42	33	28	20	19	344
R. Harp	1/2/	CDW-2	33	42	57	61	75	91	99	96	75	63	45	44	781
Dees, Alex	1/2/	CEW-9	47	58	80	85	105	128	139	134	105	88	63	62	1,094
Mike Palmer (Power, L.O.)	1/2/	CEW-13	43	53	73	79	96	117	127	122	96	81	57	56	1,000
<u>Sum of pumping on Yuma Island - CA</u>	4/		463	580	797	860	1,053	1,282	1,397	1,343	1,053	888	628	615	10,959
SUBTOTALS, ALL USES BELOW IMPERIAL DAM															
		DIVERSION	785	946	1,270	1,462	1,751	2,105	2,259	2,053	1,738	1,638	1,129	1,041	18,177
		MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
		UNMEAS. RETURNS	351	423	568	654	783	941	1,010	918	777	732	505	465	8,125
		CONSUMPTIVE USE	434	523	702	808	968	1,164	1,249	1,135	961	906	624	576	10,052

CALIFORNIA SUPPLEMENTAL TABULATION
CALENDAR YEAR 2006
STATE OF CALIFORNIA

WATER USER	10/2007	(ACRE-FEET)												
	Ftnts	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
TOTAL CALIFORNIA SUPPLEMENTAL TABULATION	DIVERSION	818	974	1,306	1,564	1,830	2,187	2,358	2,139	1,809	1,699	1,187	1,092	18,963
	MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
	UNMEAS. RETURNS	360	429	576	677	802	961	1,034	939	795	747	519	478	8,318
	CONSUMPTIVE USE	458	545	730	887	1,028	1,226	1,324	1,200	1,014	952	668	614	10,645

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 by assuming an annual diversion rate of 6.25 af per acre.
- 3/ Use is offset by pumping from the LCWSP. Details shown in the LCWSP Section of this report.
- 4/ Monthly and annual totals rounded and displayed to the nearest whole number.
- 5/ At the request of BLM, site specific unmeasured return flow factors have been developed and applied in CA.
- 6/ 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.
- 7/ Acreage irrigated by co-mingled diversions.

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 2006
STATE OF NEVADA

WATER USER	Ftnts	10/2007												TOTAL 1/
		(ACRE-FEET)												
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
BOULDER CANYON PROJECT DIVERSION AT HOOVER DAM	DIVERSION	2	3	4	5	6	7	8	7	6	5	3	3	59
	MEAS. RETURNS	1	1	2	2	3	3	3	3	3	2	2	2	27
	UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
	CONSUMPTIVE USE	1	2	2	3	3	4	5	4	3	3	1	1	32
ROBERT B. GRIFFITH WATER PROJECT DIVERSION AT SADDLE ISLAND, LAKE MEAD	DIVERSION	30,905	28,974	31,962	36,459	48,312	46,729	48,361	49,764	45,783	42,282	37,435	35,221	482,187
LAKE MEAD NATIONAL RECREATION AREA DIVERSIONS FROM LAKE MEAD	DIVERSION	58	58	68	73	98	89	67	105	89	71	52	54	882
	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	58	58	68	73	98	89	67	105	89	71	52	54	882
LAKE MEAD NATIONAL RECREATION AREA DIVERSION FROM LAKE MOHAVE (COTTONWOOD)	DIVERSION	15	15	19	22	23	24	0	30	28	25	18	18	237
	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	15	15	19	22	23	24	0	30	28	25	18	18	237
BASIC MANAGEMENT INC. DIVERSION AT SADDLE ISLAND, LAKE MEAD	DIVERSION	485	336	349	576	615	537	692	641	578	536	436	403	6,184
	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	485	336	349	576	615	537	692	641	578	536	436	403	6,184
CITY OF HENDERSON DIVERSION AT SADDLE ISLAND, LAKE MEAD	DIVERSION	707	491	886	1,401	1,680	1,471	1,973	1,753	1,579	1,220	947	773	14,881
	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	707	491	886	1,401	1,680	1,471	1,973	1,753	1,579	1,220	947	773	14,881
NEVADA DEPARTMENT OF FISH & GAME DIVERSION AT SADDLE ISLAND, LAKE MEAD	DIVERSION	475	417	432	465	504	507	464	511	478	449	454	468	5,624
	MEAS. RETURNS	474	416	431	464	503	506	463	510	477	448	453	467	5,612
	UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
	CONSUMPTIVE USE	1	1	1	1	1	1	1	1	1	1	1	1	12
PACIFIC COAST BUILDING PRODUCTS INC. DIVERSION AT GYPSUM WASH, LAKE MEAD	DIVERSION	90	83	84	84	82	74	78	77	70	65	61	66	914
	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	90	83	84	84	82	74	78	77	70	65	61	66	914
MOHAVE GENERATING STATION (SCE) PUMPED FROM 1 WELL	DIVERSION	181	100	150	150	225	140	74	68	40	42	39	39	1,248
	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	181	100	150	150	225	140	74	68	40	42	39	39	1,248
BIG BEND WATER DISTRICT	DIVERSION	352	334	350	376	432	464	523	528	465	411	359	323	4,917
	MEAS. RETURNS	208	201	228	228	230	231	263	252	224	230	197	181	2,673
	UNMEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
	CONSUMPTIVE USE	144	133	122	148	202	233	260	276	241	181	162	142	2,244
FORT MOJAVE INDIAN RESERVATION PUMPED FROM 2 WELLS IN FLOODPLAIN	DIVERSION	99	331	283	528	590	842	655	807	314	377	99	99	5,024
	MEAS. RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
	UNMEAS. RETURNS	33	109	93	174	195	278	216	266	104	124	33	33	1,658
	CONSUMPTIVE USE	66	222	190	354	395	564	439	541	210	253	66	66	3,366

2/

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 2006
STATE OF NEVADA

WATER USER	10/2007		(ACRE-FEET)												
	Fmts		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
LAS VEGAS WASH RETURN FLOWS	3/	RETURNS	20,004	17,496	19,463	18,307	17,857	17,397	17,494	17,354	17,637	18,290	17,965	20,059	219,323
NEVADA TOTALS															
		DIVERSION	33,369	31,142	34,587	40,139	52,567	50,884	52,895	54,291	49,430	45,483	39,903	37,467	522,157
		MEAS. RETURNS	20,687	18,114	29,124	19,001	18,593	18,137	18,223	18,119	18,341	18,970	18,617	20,709	227,635
		UNMEAS. RETURNS	33	109	93	174	195	278	216	266	104	124	33	33	1,658
		CONSUMPTIVE USE	12,649	12,919	14,370	20,964	33,779	32,469	34,456	35,906	30,985	26,389	21,253	16,725	292,864
GROUNDWATER INJECTED STORAGE	4/														
LAS VEGAS VALLEY WATER DIST.		INJECTED	3,079	1,905	8	0	102	0	0	0	0	2,188	5,819	6,876	19,977
		WITHDRAWN	0	0	0	0	0	0	0	66	345	206	141	58	816
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/ Diversions derived by a combination of measurements and user provided data. Beginning in 2007 diversions will be fully measured and reported by Reclamation.

3/ 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.

4/ Nevada Injected Storage Balance:	A/	Beginning of Year Cumulative Injected Storage	311,029
		Plus Current Year Additions	19,977
		Minus Current Year Withdrawals	816
		End of Year Cumulative Injected Storage	<u>330,190</u>

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.

RECORDS OF RELEASES OF MAINSTREAM WATER PURSUANT TO ORDERS THEREFOR 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 CONSOLIDATED DECREE OF THE UNITED STATES SUPREME COURT IN *ARIZONA V. CALIFORNIA*, 547 U.S. 150 (2006)

The following tabulations for calendar year 2006 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 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 2006
 STATE OF ARIZONA

WATER USER	10/2007	(ACRE-FEET)												TOTAL
	Ftnts	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		399	1,543	769	2,397	3,609	568	1,499	1,719	9,795	2,191	372	2,742	27,603
DIVERTED BY OTHERS DELIVERED TO STORAGE DELIVERED TO MEXICO IN EXCESS OF TREATY	2/	399	1,543	769	2,397	3,609	568	1,499	1,719	9,795	2,191	372	2,742	27,603
CO. RIVER INDIAN RESERVATION, DIVERSION AT HEADGATE ROCK ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY		1,260	498	44,906	157	0	2,073	1,224	17,366	288	413	1,228	1,018	70,431
DIVERTED BY OTHERS DELIVERED TO 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		2,910	2,283	2,527	1,672	2,247	3,765	3,509	2,005	1,446	2,037	696	873	25,970
DIVERTED BY OTHERS DELIVERED TO STORAGE DELIVERED TO MEXICO IN EXCESS OF TREATY	2/													
GILA MONSTER FARMS, DIVERSION AT IMPERIAL DAM ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY		-	-	-	-	-	-	-	-	-	-	-	-	-
DIVERTED BY OTHERS DELIVERED TO STORAGE DELIVERED TO MEXICO IN EXCESS OF TREATY	2/													
WELLTON-MOHAWK I.D.D., DIVERSION AT IMPERIAL DAM ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY		7,633	5,407	7,617	2,594	6,861	7,363	7,319	6,436	7,575	11,982	9,535	7,474	87,796
DIVERTED BY OTHERS DELIVERED TO 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		323	282	468	541	553	524	216	557	549	536	680	409	5,638
DIVERTED BY OTHERS DELIVERED TO 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 2006
 STATE OF ARIZONA

WATER USER	Ftns	10/2007												TOTAL
		(ACRE-FEET)												
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YUMA MESA I.D.D., DIVERSION AT IMPERIAL DAM ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY		2,406	14,876	2,549	1,325	1,432	2,755	2,420	4,735	3,209	4,108	2,878	2,838	45,531
DIVERTED BY OTHERS DELIVERED TO STORAGE DELIVERED TO MEXICO IN EXCESS OF TREATY	2/													
UNIT "B" I.D.D., DIVERSION AT IMPERIAL DAM ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY		361	393	543	244	421	389	1,131	454	700	1,964	367	41	7,008
DIVERTED BY OTHERS DELIVERED TO 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		2,446	4,812	3,989	2,023	2,924	2,926	3,013	3,709	5,123	6,863	5,554	6,515	49,897
DIVERTED BY OTHERS DELIVERED TO STORAGE DELIVERED TO MEXICO IN EXCESS OF TREATY	2/													
ARIZONA TOTALS ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY		17,738	30,094	63,368	10,953	18,047	20,363	20,331	36,981	28,685	30,094	21,310	21,910	319,874
DIVERTED BY OTHERS DELIVERED TO STORAGE DELIVERED TO MEXICO IN EXCESS OF TREATY	2/ 3/	399	1,543	769	2,397	3,609	568	1,499	1,719	9,795	2,191	372	2,742	27,603

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 passed to Mexico in excess of the 1944 Treaty requirements. Until the methodology is completed, Reclamation will not report the disposition of Water Ordered but not Diverted below Lake Havasu.
 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 2006
 STATE OF CALIFORNIA

WATER USER	10/2007	(ACRE-FEET)												TOTAL
	Ftnts	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		225	930	1,465	1,354	927	3,841	2,362	1,599	3,050	107	0	992	16,852
DIVERTED BY OTHERS DELIVERED TO STORAGE DELIVERED TO MEXICO IN EXCESS OF TREATY	2/	225	930	1,465	1,354	927	3,841	2,362	1,599	3,050	107	0	992	16,852
PALO VERDE IRRIGATION DISTRICT, DIVERSION AT PALO VERDE DAM ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY		1,565	1,095	16,471	113	1,388	1,349	1,210	1,018	2,586	1,293	1,662	3,322	33,072
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		4,360	4,318	2,110	1,289	2,263	2,128	3,118	4,308	3,531	2,214	2,616	5,884	38,139
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		3,568	5,580	23,056	26,970	7,006	4,649	9,672	9,471	6,776	9,289	5,958	4,998	116,993
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		764	192	1,714	1,464	1,668	964	1,791	2,414	1,107	1,793	724	1,972	16,567
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		10,482	12,115	44,816	31,190	13,252	12,931	18,153	18,810	17,050	14,696	10,960	17,168	221,623
DIVERTED BY OTHERS DELIVERED TO STORAGE DELIVERED TO MEXICO IN EXCESS OF TREATY	2/ 3/	225	930	1,465	1,354	927	3,841	2,362	1,599	3,050	107	0	992	16,852

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 2006
 STATE OF CALIFORNIA

10/2007

(ACRE-FEET)

WATER USER	Ftnts	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 passed to Mexico in excess of the 1944 Treaty requirements. Until the methodology is completed, Reclamation will not report the disposition of Water Ordered but not Diverted below Lake Havasu.
 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 CONSOLIDATED DECREE OF THE UNITED STATES
SUPREME COURT IN *ARIZONA V. CALIFORNIA*, 547 U.S. 150 (2006)**

WATER USER	10/2007 Ftns	CALENDAR YEAR 2006 (ACRE-FEET)												TOTAL
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
DELIVERY TO NIB	1/	115,827	138,865	198,718	183,309	99,289	119,700	113,585	87,858	82,486	67,740	87,620	112,024	1,407,020
DELIVERY AT THE LIMITROPHE	2/	799	859	658	445	615	312	316	271	657	874	1,075	896	7,777
DELIVERY FOR TIJUANA	3/	0	0	0	0	0	0	0	0	0	16	23	0	39
DELIVERY TO SIB		9,658	10,604	9,660	10,455	9,654	7,957	10,592	10,755	10,691	11,033	11,245	9,090	121,395
TOTAL DELIVERY IN SATISFACTION OF TREATY	4/	126,283	150,328	209,037	194,209	109,559	127,969	124,493	98,885	93,834	79,663	99,963	122,010	1,536,232
TO MEXICO AS SCHEDULED		123,770	149,056	206,283	193,325	108,570	127,251	121,879	92,705	89,308	70,097	98,764	118,993	1,500,000
TO MEXICO IN EXCESS OF SCHEDULE	5/	2,513	1,272	2,754	884	988	718	2,615	6,180	4,526	9,566	1,199	3,017	36,232
WATER BYPASSED PURSUANT TO MINUTE 242 OF THE IBWC		8,679	7,677	8,437	7,557	7,407	8,829	9,071	9,749	9,970	10,362	10,071	9,505	107,314

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 and Mexican Treaty requirements.

**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 CONSOLIDATED DECREE OF THE UNITED STATES
 SUPREME COURT IN *ARIZONA V. CALIFORNIA*, 547 U.S. 150 (2006)**

10/2007		CALENDAR YEAR 2006												
		(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

Note:
 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 CONSOLIDATED DECREE OF THE UNITED STATES SUPREME COURT IN *ARIZONA V. CALIFORNIA*, 547 U.S. 150 (2006)

The information contained in the following sections of this report is supplemental to the records required by Article V of the Consolidated Decree of the United States Supreme Court in *Arizona v. California*, 547 U.S. 150 (2006). The information tabulated here provides a broader record of activities relating to federal management of the Colorado River in concise reports specific to various agreements or requirements. 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 provides structure and guidance, in accordance with Article II (B) (6) of the Consolidated Decree in *Arizona v. California*, 547 U.S.150 (2006) (Consolidated 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 Consolidated Decree. 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 Consolidated 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 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 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 2006

10/2007

(ACRE-FEET)

		Ftnts	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS	
NEVADA																
Water diverted and stored in Arizona for the benefit of SNWA.	Verified BOY ALTSC	1/	237,065													
	Accrued LTSC in 06	2/	2,289	5,720	7,881	10,527	13,115	9,141	8,759	36,843	38,363	16,373	19,354	20,762	189,127	
	Verified LTSC in 06	3/	2,125	5,310	7,316	9,772	12,175	8,486	8,131	34,204	35,612	15,199	17,966	19,273	175,569	
	Recovered LTSC in 06	4/	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Total ALTSC	5/	239,190	244,500	251,816	261,588	273,763	282,249	290,380	324,584	360,196	375,395	393,361	412,634	412,634	
Water diverted and stored by MWD for the benefit of SNWA.	Verified BOY ALTSC	6/	20,000													
	Accrued LTSC in 06	6/	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Verified LTSC in 06	6/	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Recovered LTSC in 06	6/	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Total ALTSC	6/	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	
AMOUNT OF WATER STORED FOR THE BENEFIT OF NEVADA - CURRENT YEAR			2,125	5,310	7,316	9,772	12,175	8,486	8,131	34,204	35,612	15,199	17,966	19,273	175,569	
TOTAL BALANCE OF WATER STORED FOR NEVADA WITHIN AZ AND CA			7/	259,190	264,500	271,816	281,588	293,763	302,249	310,380	344,584	380,196	395,395	413,361	432,634	432,634
CALIFORNIA																
Water diverted and stored in Arizona for the benefit of MWD.	Verified BOY ALTSC	8/	80,909													
	Accrued LTSC in 06	2/	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Verified LTSC in 06	3/	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Recovered LTSC in 06	4/	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Total ALTSC	5/	80,909	80,909	80,909	80,909	80,909	80,909	80,909	80,909	80,909	80,909	80,909	80,909	80,909	
STATES TOTAL																
Water stored in AZ & CA for the benefit of Nevada and California Parties.	Verified BOY ALTSC	1/	337,974													
	Accrued LTSC in 06	2/	2,289	5,720	7,881	10,527	13,115	9,141	8,759	36,843	38,363	16,373	19,354	20,762	189,127	
	Verified LTSC in 06	3/	2,125	5,310	7,316	9,772	12,175	8,486	8,131	34,204	35,612	15,199	17,966	19,273	175,569	
	Recovered LTSC in 06	4/	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Total ALTSC	5/	340,099	345,409	352,725	362,497	374,672	383,158	391,289	425,493	461,105	476,304	494,270	513,543	513,543	

Footnotes:

- 1/ Accumulated Long-term Storage Credits verified by the banking party before the beginning of the reporting year to be available for recovery by a specific entity with a valid SIRA. Requested Intentionally Created Unused Apportionment cannot exceed verified LTSC.
- 2/ 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 in Arizona for the benefit of consuming entities in Nevada and California are limited to 200 kaf annually.
- 3/ LTSC verified by the storing entity, as available for recovery for the storage beneficiary. Amount of LTSC available for recovery by SNWA has been verified by AWBA.
- 4/ LTSC 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/ Accumulated Long-term Storage Credits are cumulative monthly sum of verified LTSC.
- 6/ 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. No water was stored by MWD in 2006, under this agreement. When storage occurs, it must be Nevada unused apportionment, which will require Nevada 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.
- 7/ This cumulative balance includes both the BOY ALTSC balance as verified by AWBA and MWD and the verified LTSC placed into storage during the current year.
- 8/ LTSC banked in CAWCD's name that are recoverable by MWD under CAWCD/MWD agreement of October 15, 1992, as amended and CAWCD/AWBA/MWD letter agreement of December 11, 2006.

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

For various reasons, a user may inadvertently 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 also 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 apply 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) Identification of entitlement holders who have inadvertently overrun since January 1, 2006, the amount of the overrun, repayments made to the Colorado River system, and the remaining overrun balance in each user's inadvertent overrun account. 2) The quantity of paybacks made by California parties under Exhibit C of the CRWDA and the remaining balance in each Exhibit C payback account.

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

OVERRUNS, PAYBACKS, AND OVERRUN ACCOUNT BALANCE ¹
 CALENDAR YEAR 2006
 STATE OF ARIZONA

10/2007		(ACRE-FEET)						
PARTICIPATING ENTITY	ACTION	SPECIFICS	Ftns	TOTALS ⁷			APPROVAL	ENTITLEMENT
				2004	2005	2,006		
IOPP Overruns by Individual Water Users								
GILA MONSTER FARMS	IOPP Overruns by Water User	Calendar Year Diversion	2	10,011	8,539	9,330	9,156	9,156
		Calendar Year Overrun	3	855	0	174		
		BOY Overrun Account Balance	4	0	855	855		
		Validated Calendar Year Paybacks	5	0	0	0		
		EOY Overrun Account Balance	6	855	855	1,029		
		Account Balance as Percent of Entitlement		9.3%	9.3%	11.2%		
CENTRAL ARIZONA WATER CONS. DISTRICT	IOPP Overruns by Water User	Calendar Year Use	2		1,616,713		1,607,243	1,607,243
		Calendar Year Overrun	3			9,470		
		BOY Overrun Account Balance	4			0		
		Validated Calendar Year Paybacks	5			0		
		EOY Overrun Account Balance	6			9,470		
		Account Balance as Percent of Entitlement				0.6%		

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

This is 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 user's overruns of approved diversions or approved consumptive use amounts as authorized under the Inadvertent Overrun and Payback Policy.
- 2/ The water user's actual diversion or consumptive use as tabulated in the Article V (B) section of this report.
- 3/ The amount of overrun accrued during the current year as determined by comparing the user's approved schedule against the water user's actual 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 remainder of IOPP overrun account balance as of the end of the accounting year.
- 7/ In 2007, new information was provided to Reclamation regarding diversions to the Gila Monster Farm (GMF) lease on ASLD lands. Reclamation has adopted a change in the methodology used to distribute diversions between the two users. The change tabulated here increases the diversions to the ASLD lease and reduces the diversions to GMF land by an equal amount. This change also reduces the GMF IOPP overrun amount for 2004.

OVERRUNS, PAYBACKS, OVERRUN ACCOUNT BALANCE, AND CRWDA EXHIBIT C PAYBACK ¹
 CALENDAR YEAR 2006
 STATE OF CALIFORNIA

10/2007		(ACRE-FEET)					
PARTICIPATING ENTITY	ACTION	SPECIFICS	Ftrts	TOTAL	APPROVAL	ENTITLEMENT	
IOPP Overruns by Individual Water Users				2006			
IMPERIAL IRRIGATION DISTRICT	IOPP Overruns by Water User	Calendar Year CU	2	2,909,680	2,890,766	2,890,766	
		Calendar Year Overrun	3	18,914			
		BOY Overrun Account Balance	4	0			
		Calendar Year Payback - from ICS	5	1,000			
		Calendar Year Paybacks	6	0			
		EOY Overrun Account Balance	6	17,914			
		Account Balance as Percent of Entitlement		0.6%			
FORT MOJAVE INDIAN RESERVATION - CA	IOPP Overruns by Water User	Calendar Year Diversion	2	18,827	16,720	16,720	
		Calendar Year Overrun - Diversion	3	2,107			
		Calendar Year Overrun - CU		1,134			
		BOY Overrun Account Balance	4	0			
		Calendar Year Paybacks		0			
		EOY Overrun Account Balance - CU	6	1,134			
		EOY Overrun Account Balance - Div.		2,107			
Account Balance as Percent of Entitlement		12.6%					
Payback of Exhibit C Obligations by Individual Water Users				2004	2005	2006	
IMPERIAL IRRIGATION DISTRICT	Payback of Exhibit C Obligations	BOY Exhibit C Balance	7	151,400	103,251	71,985	N/A
		Calendar Year Paybacks	8	40,665	23,797	34,162	
		Applied Credit from Re-regulation	9	3,970	5,369	0	
		Canal System Loss Correction Adjustment	10	3,514	2,100	2,992	
		EOY Exhibit C Balance	11	103,251	71,985	34,831	
COACHELLA VALLEY WATER DISTRICT	Payback of Exhibit C Obligations	BOY Exhibit C Balance	7			34,752	N/A
		Calendar Year Paybacks	8			16,608	
		EOY Exhibit C Balance	11			18,144	
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA	Payback of Exhibit C Obligations	BOY Exhibit C Balance	7			5,412	N/A
		Calendar Year Paybacks	8			0	
		Applied Credit from Re-regulation	9			5,412	
		EOY Exhibit C Balance	11			0	

Footnotes:

- 1/ This section contains tabulations of water user's overruns of approved diversions or approved consumptive use amounts as authorized under the Inadvertent Overrun and Payback Policy.
- 2/ The water user's actual diversion or consumptive use as tabulated in the Article V (B) section of this report.
- 3/ The amount of overrun accrued during the current year as determined by comparing the user's approved schedule against the water user's actual 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 remainder of IOPP overrun account balance as of the end of the accounting year.
- 7/ The Beginning of Year balance of CRWDA, Exhibit C payback obligation. This is equal to the prior year's End of Year balance.
- 8/ Paybacks of CRWDA, Exhibit C obligations made to the Colorado River system during the current year. The minimum payback schedule is tabulated in Exhibit C of the CRWDA.
- 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/ In 2007, Reclamation and IID reached agreement on the method used to calculate the losses within the IID canal system from Imperial Dam to farm fields.
- The adjustment results in increased Exhibit C repayment credited to IID in 2004, 2005 and 2006. All three years shown here to allow the reader to see the annual corrections.
- 11/ End of Year balance of CRWDA, Exhibit C payback obligations, determined by subtracting current year repayments from the Beginning of Year account balance.

OVERRUNS, PAYBACKS, AND OVERRUN ACCOUNT BALANCE ¹
 CALENDAR YEAR 2006
 STATE OF NEVADA

10/2007		(ACRE-FEET)				
PARTICIPATING ENTITY	ACTION	SPECIFICS	Ftns	TOTAL	APPROVAL	ENTITLEMENT
IOPP Overruns by Individual Water Users				<u>2006</u>		
No entity exceeded its approval in 2006	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		
		Account Balance as Percent of Entitlement		0.0%		

Footnotes:

- 1/ This section contains tabulations of water user's overruns of approved diversions or approved consumptive use amounts as authorized under the Inadvertent Overrun and Payback Policy.
- 2/ The water user's actual diversion or consumptive use as tabulated in the Article V (B) section of this report.
- 3/ The amount of overrun accrued during the current year as determined by comparing the user's approved schedule against the water user's actual 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 remainder of 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 Consolidated Decree of the United States Supreme Court in *Arizona v. California*, 547 U.S. 150 (2006). 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 consumptive use results in an underrun or overrun of the amount of Colorado River water available to each Lower Division State in 2006.

APPORTIONMENTS, ARTICLE II(B)(6) RELEASES, PAYBACKS, AND TOTAL CONSUMPTIVE USE BY STATE ¹
 CALENDAR YEAR 2006

STATE	ADJUSTMENTS	Fmts	TOTAL APPROVED USE	TOTAL ACTUAL USE
10/2007 (ACRE-FEET)				
ARIZONA	Basic Apportionment	2	2,800,000	2,800,000
	NV II(B)(6) Released to AZ for Storage for NV	3	0	0
	Payback Obligations	4	0	0
	Total Available Colorado River Water	5	2,800,000	2,800,000
	Total Consumptive Use	6		2,809,571
	State Underrun or (Overrun)	7		(9,571)
	Over and Underruns by Individual AZ Users			9,571
	Net State Underrun or (Overrun)			0
CALIFORNIA	Basic Apportionment	2	4,400,000	4,400,000
	NV II(B)(6) Released to CA for Storage for NV	3	0	0
	Re-regulatory Water Back to the System	8	(20,000)	0
	System Conservation Water		(3,000)	(3,000)
	Intentionally Created Surplus (MWD, IID)		(51,000)	(50,000)
	Payback Obligations (Exhibit C)	4	(50,770)	(50,770)
	Total Available Colorado River Water	5	4,275,230	4,296,230
	Total Consumptive Use	6		4,314,457
	State Underrun or (Overrun)	7		(18,227)
	Over and Underruns by Individual CA Users			19,047
	LCWSP Under pumping (Over pumping)	9		(245)
	Unauthorized Agricultural Use			28
Net State Underrun or (Overrun)			603	
NEVADA	Basic Apportionment	2	300,000	300,000
	NV II(B)(6) Available for Storage	3	0	0
	Payback Obligations	4	0	0
	Total Available Colorado River Water	5	300,000	300,000
	Total Consumptive Use	6		292,864
State Underrun or (Overrun)	7		7,136	
TOTAL LOWER BASIN UNUSED APPORTIONMENT				7,739

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 Consolidated Decree in Arizona v. California, payback obligations of individual water users, intentionally created unused apportionment or surplus, and system conservation.
- 2/ The state basic apportionment as described in Article II(B)(1) of the Consolidated Decree.
- 3/ Nevada unused apportionment made available to Arizona and/or California by the Secretary under Article II(B)(6) of the Consolidated Decree for storage in Arizona or California under Storage and Interstate Release Agreements.
- 4/ The reduction in the amount of water available to the state due to repayment obligations under the CRWDA or the IOPP.
- 5/ The total amount of Colorado River water available for use in the state.
- 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/ This tabulation is in accordance with Section 2 of the letter agreements for Temporary Re-regulation of Excess Colorado River Flows between Reclamation and IID (June 5, 2006), and between Reclamation and MWD (June 5, 2006).
- 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. In a year when an outstanding LCWSP balance is consumed, LCWSP users are allowed to consumptively use an amount of water greater than the amount pumped by the LCWSP wellfield to offset a previous year(s) overpumpage.

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 south of the All-American Canal (AAC) in Imperial County. 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 8,000 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. In exchange, BLM may divert water from the Colorado River at any of several diversion points in California.

LOWER COLORADO WATER SUPPLY PROJECT
SUMMARY OF USES OFFSET BY PUMPAGE FROM THE LOWER COLORADO WATER SUPPLY PROJECT WELLFIELD
CALENDAR YEAR 2006

10/2007		(ACRE-FEET)														
		Ftnts	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	501	388	90	0	979	
			Federal	0	0	0	0	0	0	0	222	171	40	0	433	
			Total	0	0	0	0	0	0	0	723	559	130	0	1,412	
LCWSP NON-FEDERAL CONTRACTORS		2/														
City of Needles (on its own behalf)			Diversions	46	41	47	62	80	84	85	87	63	57	55	46	753
			CU	30	27	31	40	53	55	56	57	41	37	36	30	492
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
J. Victor Construction			Diversions	0	0	0	1	1	1	1	2	1	2	1	1	11
			CU	0	0	0	0	1	1	1	1	1	1	1	0	7
Pacific Gas & Electric Company			Diversions	4	5	7	7	9	11	12	11	9	7	5	5	92
			CU	4	5	7	7	9	11	12	11	9	7	5	5	92
Southern California Gas Company			Diversions	3	4	5	6	7	8	9	9	7	6	4	4	72
			CU	3	4	5	6	7	8	9	9	7	6	4	4	72
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	63	61	75	93	118	129	135	135	101	90	78	68	1,146
			CU	43	42	52	64	82	90	94	93	71	62	54	46	794
Diff: Non-Federal Use and Wellfield Pumping		3/		-43	-42	-52	-64	-82	-90	-94	-93	430	326	36	-46	185
Previous Year Balance		4/		-59	110	86	-2	30	-151	-189	-156	97	259	57	-89	-7
Balance to be Carried Over to Following Year		5/		-102	68	34	-66	-52	-241	-283	-249	527	585	93	-135	178
LCWSP FEDERAL CONTRACTORS																
U.S. Bureau of Land Management		6/	Diversions	12	3	3	66	35	29	42	31	26	23	31	25	326
Total of BLM Administered Water			Returns	3	0	0	14	8	6	10	7	6	5	7	6	72
			CU	9	3	3	52	27	23	32	24	20	18	24	19	254
USBR - Parker Dam and Government Camp			Diversions	10	11	12	15	17	23	18	21	16	16	13	12	184
			Returns	2	2	2	2	10	10	10	11	10	2	2	2	65
			CU	8	9	10	13	7	13	8	10	6	14	11	10	119
Difference: Federal Use and Wellfield Pumping		3/		-17	-12	-13	-65	-34	-36	-40	-34	196	139	5	-29	60
Previous Year Balance		4/		-40	79	80	34	72	-59	-60	-66	79	137	23	-42	237
Balance to be Carried Over to Following Year		5/		-57	67	67	-31	38	-95	-100	-100	275	276	28	-71	297

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.
- 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 2006.

Description of Included Tables

The table titled “Comparison of Net California Agricultural Use to the 2006 ISG Annual Benchmark” demonstrates the impact of conservation and transfers on agricultural water use in California in 2006. 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 2006 ISG BENCHMARK ¹
CALENDAR YEAR 2006

10/2007

Uses by California Agricultural Entities	Consumptive Uses Acre-Feet	Comments
Palo Verde Irrigation District	354,898	
Yuma Project Reservation Division	41,182	
Yuma Island Pumpers ²	6,060	Yuma Island pumpers diversion was 10,959 af times 0.553 CU factor is 6,060 af of CU.
Priorities 1, 2, 3b	402,140	
Coachella Valley Water District	329,322	
Imperial Irrigation District	2,909,680	
Total California Agricultural Use	3,641,142	
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 ³	34,162	
CVWD CRWDA Exhibit C Payback ³	0	Repayment made by MWD in 2006.
MWD-CVWD Exchange	(34,958)	Exchange with MWD for State Water Project water.
IID ICS	0	
IID and CVWD reductions for PPRs	14,500	IID = 11,500 af, CVWD = 3,000 af.
	3,654,846	
Use by California Agriculture+MWD Adjustment+ Agricultural paybacks+IID/CVWD covered PPRs		
ISG Target Comparison		
2006 Agricultural Benchmark	3,640,000	See Column 22 of Exhibit B of the CRWDA
Use by California Agriculture+MWD Adjustment+ Agricultural paybacks+IID/CVWD covered PPRs	3,654,846	
Total Benchmark Overrun	14,846	
Priority 1, 2, and 3b Use Below or (Above) 420,000 af		
Palo Verde Irrigation District	354,898	
Yuma Project Reservation Division	41,182	
Yuma Island Pumpers ²	6,060	
Total Priority 1, 2, 3b Use	402,140	
MWD reduction for Priority 1, 2, and 3b water use	0	Per Section 4.d of the CRWDA, MWD use is reduced by Priority 1, 2, and 3b use greater than 420,000af.
Priority 1, 2, and 3b water delivered to MWD	17,860	Per Section 4.d of the CRWDA, Priority 1, 2, and 3b use less than 420,000af is delivered to MWD.

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.

3/ Repayment of overrun amounts does not count as compliance with transfers set forth in Ex. B of the CRWDA, per section 8.a of the CRWDA.

TRANSFERS, EXCHANGES AND WATER MADE AVAILABLE BY EXTRAORDINARY CONSERVATION
 CALENDAR YEAR 2006
 STATE OF ARIZONA

10/2007	(ACRE-FEET)													
TRANSFER PROGRAM OR PARTICIPATING AGENCIES	Ftnts	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL

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 2006
STATE OF CALIFORNIA

TRANSFER PROGRAM OR PARTICIPATING AGENCIES	10/2007	(ACRE-FEET)												
	Ftrnts	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
WATER CONSERVATION PROGRAM IID/MWD CONSERVED WATER	1/													101,160
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/	1,132	1,294	10,673	12,028	12,899	1,974	0	0	0	0	0	0	40,000
IID CONSERVATION FOR TRANSFER TO SDCWA - MITIGATION	4/	0	0	0	0	0	9,073	10,927	0	0	0	0	0	20,000
MWD/PVID FORBEARANCE AND FALLOWING PROGRAM	5/													102,039
MWD/USBR AGREEMENT FOR SYSTEM CONSERVATION	6/													3,000
COACHELLA CANAL LINING PROJECT - TOTAL CONSERVATION	7/												1,014	1,014
COACHELLA CANAL LINING PROJECT - SDCWA	7/												687	687
COACHELLA CANAL LINING PROJECT - SLRSP	7/												172	172
COACHELLA CANAL LINING PROJECT - MITIGATION	7/												155	155

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, determined in accordance with the 1988 Program Agreement and the 1989 Approval Agreement, 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 in accordance with the 1989 Approval Agreement.
 - 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 2006 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 2006 Fallowed Land Verification Report: PVID/MWD Forbearance and Fallowing Program" less the 3,000 acre-feet provided to USBR for System Conservation.
The value represents the estimated reduction in PVID consumptive use resulting from the fallowing of 24,644 acres of land for the months of January and February, 23,349 acres for the months of March through July, and 14,717 acres for the months of August through December.
 - 6/ USBR contracted with MWD to conserve water within PVID. 3,000 acre-feet of the PVID/MWD Forbearance and Fallowing Program's savings remained in Lake Mead and are used to offset water bypassed to the Cienega de Santa Clara from Wellton-Mohawk Irrigation and Drainage District returns.
 - 7/ Water conserved through the lining of portions of the Coachella Canal. This water was made available beginning in December of 2006.
The conserved water was distributed according to the Allocation Agreement between MWD, CVWD IID, SDCWA and the SLRSP, dated October 10, 2003.

TRANSFERS, EXCHANGES AND WATER MADE AVAILABLE BY EXTRAORDINARY CONSERVATION
 CALENDAR YEAR 2006
 STATE OF NEVADA

10/2007		(ACRE-FEET)												
TRANSFER PROGRAM OR PARTICIPATING AGENCIES	Ftnts	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL

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	Priority 1, 2 and 3b	IID Priority 3a										CVWD Priority 3a						Total Priority 1-3 Use Plus PPR Consumptive Use (sum of columns 2+13+20 plus 11+16)	12 ISG Benchmarks	12 Annual Targets		
			Reductions										Reductions			Additions			CVWD Net Consumptive Use Amount (columns 14-17 plus columns 18 + 19)				
			IID Priority 3a Quantified Amount	³ IID Reduction: MWD 1988 Agreement Transfer	IID Reduction: SDCWA Transfer	⁴ IID Reduction: AAC Lining IID, SDCWA & 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	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				
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	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 ¹	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 ¹	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		

- Exhibit B is independent of increases and reductions as allowed under the Inadvertent Overrun and Payback Policy.
- Any higher use covered by MWD, any lesser use will produce water for MWD and help satisfy ISG Benchmarks and Annual Targets.
- 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.
- Ramp-up amounts may vary based upon construction progress, and final amounts will be determined by the Secretary pursuant to the Allocation Agreement.
- 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.
- 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.
- 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.
- 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 from 2006 and 2009 in 2012. In addition to the maximum transfer amounts IID has also committed that no more than 72,500 AF of reduced inflow to the Salton Sea would result from these additional transfers.
- 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.
- 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.
- 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).
- All-consumptive use of priorities 1 through 3 plus 14,500 AF of PPRs must be within 25,000 AF of the amount stated.
- Assumes SDCWA does not elect termination in year 35.
- 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.

During certain times in 2004 and 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 2004 and 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 are 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, the amount of extraordinary conservation credits available to the water user, and the amount of credits used by the water user to meet specified payback obligations.

WATER SUBJECT TO TEMPORARY RE-REGULATION ¹
CALENDAR YEAR 2006

		10/2007		(ACRE-FEET)												
		Fmts	BOY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
CALIFORNIA																
IMPERIAL IRRIGATION DISTRICT ²																
	CAPTURED FOR RE-REGULATION	3		0	0	0	0	0	0	0	0	0	0	0	0	0
	NET RE-REGULATORY CAPTURE	4		0	0	0	0	0	0	0	0	0	0	0	0	0
	BALANCE - PREVIOUS YEARS	5														22,356
	RESTORED TO SYSTEM STORAGE	6		0	0	0	0	0	9,073	10,927	0	0	0	0	0	20,000
	CAPTURE BALANCE	7	22,356	22,356	22,356	22,356	22,356	22,356	13,283	2,356	2,356	2,356	2,356	2,356	2,356	2,356
	ACCRUED CREDIT	8		0	0	0	0	0	0	0	0	0	0	0	0	0
	APPLIED TO PAYBACK OBLIGATION	9		0	0	0	0	0	0	0	0	0	0	0	0	0
	ACCRUED CREDIT BALANCE	10		0	0	0	0	0	0	0	0	0	0	0	0	0
METROPOLITAN WATER DISTRICT ²																
	CAPTURED FOR RE-REGULATION	3		0	0	0	0	0	0	0	0	0	0	0	0	0
	NET RE-REGULATORY CAPTURE	4		0	0	0	0	0	0	0	0	0	0	0	0	0
	BALANCE - PREVIOUS YEARS	5														21,649
	RESTORED TO SYSTEM STORAGE	11		0	0	0	0	0	0	0	0	0	0	0	0	0
	CAPTURE BALANCE	7	21,649	21,649	21,649	21,649	21,649	21,649	21,649	21,649	21,649	21,649	21,649	21,649	21,649	21,649
	ACCRUED CREDIT	8	5,412	0	0	0	0	0	0	0	0	0	0	0	0	0
	APPLIED TO PAYBACK OBLIGATION	9		5,412	0	0	0	0	0	0	0	0	0	0	0	5,412
	ACCRUED CREDIT BALANCE	10		0	0	0	0	0	0	0	0	0	0	0	0	0
CALIFORNIA TOTALS																
	CAPTURED FOR RE-REGULATION	3		0	0	0	0	0	0	0	0	0	0	0	0	0
	NET RE-REGULATORY CAPTURE	4		0	0	0	0	0	0	0	0	0	0	0	0	0
	BALANCE - PREVIOUS YEARS	5														44,005
	RESTORED TO SYSTEM STORAGE	6/11/		0	0	0	0	0	9,073	10,927	0	0	0	0	0	20,000
	CAPTURE BALANCE	7	44,005	44,005	44,005	44,005	44,005	44,005	34,932	24,005	24,005	24,005	24,005	24,005	24,005	24,005
	ACCRUED CREDIT	8	5,412	0	0	0	0	0	0	0	0	0	0	0	0	0
	APPLIED TO PAYBACK OBLIGATION	9		5,412	0	0	0	0	0	0	0	0	0	0	0	5,412
	ACCRUED CREDIT BALANCE	10		0	0	0	0	0	0	0	0	0	0	0	0	0

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, in accordance with their respective agreements, 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-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 during the calendar year 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.
- 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 during the calendar year.
- 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. This tabulation displays the monthly cumulative amount of extraordinary conservation credits accrued by the re-regulating entity.
- 9/ The amount of accrued extraordinary conservation credits applied toward the repayment of CRWDA, Exhibit C obligations during the calendar year.
- 10/ The monthly cumulative 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.

DEMONSTRATION PROGRAM FOR THE CREATION OF INTENTIONALLY CREATED SURPLUS WATER

In 2006, Reclamation entered into letter agreements with the Imperial Irrigation District and The Metropolitan Water District of Southern California to implement a demonstration program (Program) for the development of Intentionally Created Surplus Water (ICS). The Program covers the creation of ICS Water during calendar years 2006 and 2007. “ICS Water” in this Program refers to a quantity of surplus water that the Secretary may make available for release under Article II(B)(2) of the Consolidated Decree of the Supreme Court of the United States in *Arizona V. California*, 547 U.S. 150 (2006) (Consolidated Decree) as Intentionally Created Surplus. The Program requires the creation of ICS water through extraordinary conservation.

The following conditions apply to ICS Water:

- 5 percent of the ICS water created will be dedicated to system storage to provide a collective storage benefit for Colorado River users
- An annual evaporation loss of 2.8 percent will be applied to the remaining ICS Water beginning the year after it’s creation; under flood control releases ICS water will be the first released and
- If the conserving entity incurs an overrun during a year when ICS water is to be created, the ICS creation will be reduced by the amount of the overrun, up to the amount of ICS proposed.

Copies of the agreements can be found in the Significant Documents section of the report.

DEMONSTRATION PROGRAM FOR THE CREATION OF INTENTIONALLY CREATED SURPLUS (ICS) WATER ¹
CALENDAR YEAR 2006

10/2007

(ACRE-FEET)

PARTICIPATING ENTITY	ICS AGREEMENT REPORTING	FTNTS	AMOUNTS
IMPERIAL IRRIGATION DISTRICT	ICS Water Created	2	1,000
	Amount of Creation Reduced by Overrun	3	1,000
	Amount Assessed for Benefit of CR System (5%)	4	0
	Amount Assessed for Evaporation (2.8%)	5	
	Amount of ICS Released for Flood Control Purposes	6	0
	End of Year ICS Account Balance	7	0
	THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA	ICS Water Created	2
Amount of Creation Reduced by Overrun		3	0
Amount Assessed for Benefit of CR System (5%)		4	2,500
Amount Assessed for Evaporation (2.8%)		5	
Amount of ICS Released for Flood Control Purposes		6	0
End of Year ICS Account Balance		7	47,500

Footnotes:

- 1 In 2006, Reclamation entered into separate agreements with MWD and IID to implement a demonstration program to create Intentionally Created Surplus (ICS). The agreements define the terms that allow MWD and IID to store conserved water in Lake Mead and are available for review in the Significant Documents portion of this report.
- 2 The amount of ICS Water created by extraordinary conservation.
- 3 In the case of an overrun during the year in which ICS is created, an equal amount of the ICS water (up to the amount created) must be applied to the overrun.
- 4 During the year of creation, five percent of the ICS Water created will be dedicated to storage in the Colorado River system reservoirs.
- 5 Beginning in the year following the creation of ICS water, the balance of the ICS water shall be subject to an annual evaporation loss of 2.8 percent applied annually to the end-of-year balance of the ICS.
- 6 If Reclamation releases water for flood control purposes, ICS water will be the first to be released.
- 7 The End of Year balance of ICS water after the appropriate reductions have been applied.

DOCUMENTS AND LETTERS SIGNIFICANT TO THE DELIVERY OF AND ACCOUNTING FOR THE USE OF COLORADO RIVER WATER IN CY 2006

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 2006.

The compact disc (CD) located in the pocket on the back cover of this report contains the documents significant to the delivery of Colorado River water in 2006. 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 on page one of this report. Anyone seeking additional water accounting information is encouraged to log on to the following website, where all previous water accounting reports can be viewed and the complete PDF file may be downloaded: www.usbr.gov/lc/region/g4000/wtracct.html.

DECREE:

The Consolidated Decree of the United States Supreme Court in *Arizona v. California*, 547 U.S. 150 (2006)

Decree issued by the United States Supreme Court in 2006 which consolidates decrees issued by the Court from 1964 onward.

- CD file name: 2006 Consolidated Decree

REPORTS:

2006 Annual Operating Plan (AOP) Executive Summary

Outlines the criteria under which the Colorado River will be operated during CY 2006 given current and anticipated conditions

- CD file name: 2006 AOP Executive Summary

DOCUMENTS AND LETTERS SIGNIFICANT TO THE DELIVERY OF AND ACCOUNTING FOR THE USE OF COLORADO RIVER WATER IN CY 2006 (cont.)

AGREEMENTS:

Demonstration Program to Create Intentionally Created Surplus Water

An agreement between MWD and Reclamation to create 50,000 acre-feet of Intentionally Created Surplus Water in 2006 through extraordinary conservation in PVID under its Forbearance and Fallowing Program Agreement with PVID.

- CD file name: MWD ICS Agreement

Demonstration Program to Create Intentionally Created Surplus Water

An agreement between IID and Reclamation to create up to 5,000 acre-feet of Intentionally Created Surplus Water in 2006 through extraordinary conservation within IID.

- CD file name: IID ICS Agreement

Agreement to Implement a Demonstration Program for System Conservation of Colorado River Water

An agreement between Reclamation and MWD to conserve an additional 10,000 acre-feet of Colorado River water in 2006 and 2007 through voluntary supplemental fallowing above that already called for by MWD under its Forbearance and Fallowing Program Agreement with PVID.

- CD file name: BOR-MWD System Conservation Agreement

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

The Inadvertent Overrun and Payback Policy

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

- CD file name: Inadvertent Overrun and Payback Policy

DOCUMENTS AND LETTERS SIGNIFICANT TO THE DELIVERY OF AND ACCOUNTING FOR THE USE OF COLORADO RIVER WATER IN CY 2006 (cont.)

MWD – PVID Forbearance and Fallowing Program Agreement

Agreement between MWD and PVID that provides for the fallowing of irrigated lands 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

The Storage and Interstate Release Agreement (SIRA)

This is a 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: BOR-IID 2006 Letter Agreement for Re-reg Water

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: BOR-MWD 2006 Letter Agreement for Re-reg Water

DOCUMENTS AND LETTERS SIGNIFICANT TO THE DELIVERY OF AND ACCOUNTING FOR THE USE OF COLORADO RIVER WATER IN CY 2006 (cont.)

LETTERS:

Letter from Reclamation to water users explaining Reclamation's policy towards revisions to approved annual orders particularly with respect to 43 Code of Federal Regulations, Part 417, and the Inadvertent Overrun and Payback Policy.

- CD file name: Revisions to Approved Annual Water Orders

Letter from the Arizona Water Banking Authority to Reclamation updating the amount of water they anticipate storing in Arizona for the benefit of the Southern Nevada Water Authority in calendar year 2006.

- CD file name: AWBA to BOR SIRA for 2006

Letters from CAWCD, PVID, IID, MWD, SNWA granting consent for the development of the Intentionally Created Surplus pilot programs developed by IID and MWD for 2006 and 2007.

- CD file name: 2006-2007 Consent for ICS Program

Letter from Arizona Water Banking Authority to Reclamation verifying the amount of water stored in Arizona for the benefit of Southern Nevada Water Authority for calendar 2006.

- CD file name: 2006 AWBA SIRA Verified 2007-07-02

Letter from Reclamation to IID defining the terms for computation of the All American Canal system loss.

- CD file name: Terms for All American Canal Loss Computation 2007-11

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