UNITED STATES
DEPARTMENT OF THE INTERIOR
Stewart L. Udall, Secretary

BUREAU OF RECLAMATION Floyd E. Dominy, Commissioner

REGION 3
A. B. West, Regional Director

COMPILATION OF RECORDS IN
ACCORDANCE WITH ARTICLE V(A),(B),(C), AND (D)
OF THE DECREE OF THE SUPREME COURT OF
THE UNITED STATES IN
ARIZONA v. CALIFORNIA DATED MARCH 9, 1964

CALENDAR YEAR 1965

Lower Colorado River Control Office Boulder City, Nevada

Revised February 15, 1967

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

CALENDAR YEAR 1965

Revised February 15, 1967

The enclosed tabulations for Calendar Year 1965, revised February 15, 1967, show final records of releases of water through regulatory structures controlled by the United States. At Hoover, Davis, Parker, and Imperial Dams the records are furnished by the Geological Survey based on measurements at or below the structures.

The record of riverflow 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 "Diversions for Colorado River Indian Reservation, near Parker, Arizona." The diversions are made at Headgate Rock Dam.

The record of riverflow through Palo Verde Diversion Dam was computed using the record of flow at the gaging station "Colorado River below Palo Verde Diversion Dam, Arizona-California," and deducting from it the record of flow from the Palo Verde Levee Drain and the Colorado River Indian Reservation Lower Main Drain which enter the river between the dam and gaging station.

The record of flow past Laguna Dam was computed by adjusting the record of flow through Imperial Dam by storage changes in the reservoir above Laguna Dam.

V(A)

RELEASE OF WATER THROUGH REGULATORY STRUCTURES CONTROLLED BY THE UNITED STATES

CALENDAR TEAR 1965

Final Records

												(MCIG-LOG	, , , , , , , , , , , , , , , , , , ,
Strocture	Jamuary	Pebruary	March	April	May	June	July	August	September	October_	November	December	Totale
Boover Dam	489,300	498,100	785,600	698,400	872,100	785,500	814,800	817,000	655,200	534,500	417,700	423,500	7,792,000
Davis Dan	393,200	499,700	804,100	652,700	804,900	862,300	1,012,000	981,600	725,600	520,700	297,900	180,700	7,735,000
Pariser Dan	289,4∞	423,000	634,400	581,000	604,100	709,900	846,000	867,000	599,300	385,4∞	220,100	196,700 ¹	6,356,000
Headgate Rock Dam ^{2/}	279,600	392,900	590,700	546,200	565,600	665,800	794,400	812,200	552,500	355,500	199,700	186,400	5,942,000
Palo Verde Diversion Dam 3/	235,300	325,500	509,500	502,500	495,200	547,100	670,000	681,600	467,300	319,200	191,600	179,800	5,125,000
Imperial Dam	19,880	17,410	21,110	26,180	27,120	26,550	26,280	26,310	20,580	17,540	34,090	33,910	297,000
Laguna Dam ⁴	20,300	17,610	21,110	24,880	26,920	27,090	26,870	25,130	20,960	17,200	34,110	33,870	296,000

^{1/} Includes 44,570 acre-feet released to meet flood control levels in Lake Havasu.
2/ Colorado River below Parker Dam less diversions at Headgate Rock Dam,
3/ Colorado River below Palo Verde Diversion Dam less returns by the Palo Verde Levee Drain and the Colorado River Indian Reservation Lower Main Drain below Palo Verde Diversion Dam.
4/ Colorado River below Imperial Dam adjusted by storage change in the reservoir above Laguna Dam.

RECORDS OF DIVERSIONS, RETURN FLOWS, AND CONSUMPTIVE USE IN ACCORDANCE WITH ARTICLE V(B) OF THE DECREE OF THE SUPREME COURT OF THE UNITED STATES IN ARIZONA v. CALIFORNIA DATED MARCH 9, 1964

CALENDAR YEAR 1965

Revised February 15, 1967 The enclosed tabulations for Calendar Year 1965, revised February 15, 1967, show final records of diversions of water from the mainstream of the Colorado River, return flow of such water to the mainstream and consumptive use of such water by water user agencies which have contracts with the United States. The records were furnished by U.S. Geological Survey, International Boundary and Water Commission, Bureau of Indian Affairs, Bureau of Reclamation, National Park Service, and water user agencies. Diversions to All-American Canal and Gila Gravity Main Canal at Imperial Dam were assigned to each user based on deliveries to each user at its turnout from the canal and a prorated amount of the conveyance loss from the canal. The loss proration was based on the quantity delivered to each user and the length of the canal through which it was carried.

The tables also show estimates of water use by water users other than those which have contracts with the United States. Records of quantities of water pumped by permittees under the Lower Colorado River Land Use Program and by others are incomplete or not available. Consequently, estimates of pumpage from the mainstream, from both the river and the underground, are shown for each state. Pumping from the underground was considered from only those wells located in the flood plain of the Colorado River between the toes of the slopes on either side of the valley. Supplemental sheets are enclosed which show the estimates of water pumped by each diverter between Davis Dam and the International Boundary. The estimates of water use are based on an inventory made in November 1965, of crop acres irrigated in 1964 and an assumed annual diversion of six acre-feet per irrigated acre.

CALENDAR YEAR 1965

Sheet 1 of 2

STATE OF ARIZONA

Final Records (Acre-Fest)

													(ACTO-100	· · · · · · · · · · · · · · · · · · ·
Water User		Jamesy	February	March	April	May	June	July	Angust	September	October	November	December	Totale
Lake Mead National Recreation Area (Diversion from Lake Mohave)	Diversion Return Consumptive Use	- 8	-	- 9	- 9	17	- 5#	27	25	- -	- 22	19 -	-	20
fown of Parker h Wells	Diversion Return Consumptive Use	67 -	62 -	. 82	. 55 -	57 -	- 66 -	-	-	58 -	47 -	26 -	25	710
Colorado River Indian Reservation (Diversion at Headgate Rock Dam)	Diversion Return Consumptive Use	9,780 11,990 -2,210	30,100 14,700 15,400	43,700 19,740 23,960	34,770 22,140 12,630	38,470 22,920 15,550	44,050 20,890 23,160	51,560 23,180 28,380	54,840 23,970 30,870	46,770 26,840 19,930	29,900 26,240 3,660	20,430 23,210 -2,780	10,280 17,290 -7,010	414,65 253,11 161,54
Tuma Proving Ground, U.S. Army (Diversion at Imperial Dam)	Diversion Return Consumptive Use	0	.1	2	2	5	0	0	2	2	0	- 0	3	1
North Gila Valley Irrigation made District (Diversion at Imperial Dam)	Diversion Return Consumptive Use	3,392 1,958 1,434	4,865 1,464 3,401	5,216 2,217 2,999	4,669 2,580 2,089	6,744 2,730 4,014	7,514 2,960 4,554	7,218 2,915 4,303	7,003 3,902 3,101	6,419 2,452 3,967	6,162 2,194 3,968	4,044 2,185 1,859	2,054 1,716 338	65,30 29,27 36,02
Farren Act Contractors outside Gila Project Districts Diversion at Imperial Dam)	Diversion Return Consumptive Use	- -	123	156	. 77	694 -	877 -	1,078	1,381	1,100	273 -	48 -	- 29	5,90
ellton-Mohawk Irrigation and Drainage District Diversion at Imperial Dam)	Diversion Return Consumptive Use	12,322 10,744 1,578	21,252 9,775 11,477	46,463 18,058 28,405	39,804 16,328 23,476	60,591 13,281 47,310	58,593 16,417 42,176	62,079 19,295 42,784	58,91 <i>2</i> 18,886 40,02 6	54,631 14,440 40,191	34,271 17,474 16,797	18,503 13,119 5,384	4,834 18,313 -13,479	472,25 186,13 286,12
uma Irrigation District Diversion at Imperial Dam)	Diversion Return Consumptive Use	476 -	688 -	2,437	2,577 -	3,760 -	3 , 548	3,107	2,914	3,185 -	3,058	980 -	452 -	27,18
outh Gila Valley Area pumping from Wells	Diversion Return Consumptive Use	1,076	2,032 -	3,637	2,759 -	4,338	4,172	5,058 -	, 8ph	4,063 -	1,463	1,346	328 -	35,11
uma Mesa Irrigation and Drainage District Diversion at Imperial Dam)	Diversion Return Consumptive Use	9,310	10,167	14,473	18,661 -	30,334	29 , 683 -	33,311	32,135	25 , 739	19,514 -	10,029	6,739 -	240,09
nit "B" Irrigation and Drainage District Diversion at Imperial Dam)	Diversion Return Consumptive Use	1,835	1,55¼ -	2,513	2,810 -	4,261	4,685	5,207 -	4,953	4,294 -	2,772 -	2,153	889 -	37,9
Returns from South Gila Valley	Returns 2/	2,948	3,837	4,662	5,792	5,625	5,660	7,227	8,004	4,760	4,046	6,073	7,932	66,56

V(B)

DIVERSIONS FROM MAINSTREAM, AVAILABLE RETURN FLOW, AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR TEAR 1965

Sheet 2 of 2

STATE OF ARIZONA

Final Records (Acre-Feet)

Water User		January	Pebruary	March	April	Му	June	July	August	September	October	November	December	Totale
City of Yuma	Diversion Return	418 26	412 21	523 23	602 21	896 32	975 28	1,191 27	1,218	928 25	766 25	503 14	379 10	8,811 274
(Diversion at Imperial Dam)	Consumptive Use	392	391	500	581	864	947	1,164	1,196	903	741	489	369	8,537
Yuma County Water Users' Association	Diversion Return 3/	11,680 10,995	22,101 11,066	26,258 13,084	24,551 11,828	32,563 12,569	32,051 11,706	38,286 11,782	34,799 12,559	36,239 12,005	24,858 12,603	12,319 11,960	3,344 11,494	299,049 143,651
(Diversion at Imperial Dam)	Consumptive Use	685	11,035	13,174	12,723	19,994	20,345	26,504	22,240	24,234	12,255	359	-8,150	155,398
Cocopah Indian Reservation	Diversion Return	90	112	94	141	328	301	313	5#6	181	327	522	60	2,715
(Diversion at Imperial Dam)	Consumptive Use	-	-	•	-	-	-	-	-	•	-	-	-	3/
other Users pumping from Colorado River and wells in flood plain Davis Dam to International Boundary	Diversion Return Consumptive Use	2,606	5,706	7,279	5,758	7 ,7 93	8,873 -	10,461	9,928 -	8,906	5,613	3,246 -	1,441 -	77,610 <u>1</u> /
ARIZONA TOTALS	Diversion Return Consumptive Use	53,125 38,661 14,464	99,184 40,863 58,321	152,842 57,784 95,058	137,245 58,689 78,556	190,848 57,157 133,691	195,412 57,661 137,751	218,979 64,426 154,553	213,282 67,343 145,939	192,541 60,522 132,019	129,046 62,582 66,464	74,168 56,561 17,607	30,863 56,755 -25,892	1,687,535 679,004 1,008,531

Note: The term "Consumptive Use" in this tabulation means measured diversion less measured return to the river.

^{1/} No surface returns.
2/ Pumped from underground and unassigned to districts as returns include quantities of drainage from Yuma Mesa as well as from South Gila Valley.

^{3/} Returns include unknown quantities of drainage returns from Yuma Mesa Irrigation and Drainage District and Unit "B" Irrigation and Drainage District as well as from Yuma County Water Users' Association and Cocopah Indian Reservation.

^{4/} Details on Arizona Supplemental Sheets 1-6.

CALENDAR YEAR 1965

STATE OF Arizona

V(B)
Supplemental Sheet 1 of 6
Other users pumping from
Colorado River and wells
in flood plain

(Acre-Feet)

Water User		Jenuary	February	March	April	Жу	June	July	Angust	September	October	November	December	1/Totale
Dunlop, Charles H. 1 Well Sec. 1h, T. 19 N., R. 22 W., G&SRM	Diversion													960
Joy, Sam 1 Well Sec. 26, T. 19 N., R. 22 W., G&SRM	Diversion													780
Hulet 1 Well Sec. 13, T. 18 N., R. 22 W., G&SRM	Diversion													960
McKellops Land Corp. 1 Well Sec. 27, T. 18 N., R. 22 W., G&SRM	Diversion													2,580
Vanderslice, John 2 Wells Sec. 11, T. 17 N., R. 22 W., G&SRM	Diversion													3,360
Chesney, Robert 2 Wells Sec. 13, T. 17 N., R. 22 W., G&SRM	Diversion													2,880
Chesney, Robert 1 Pump Accretion to Sec. 19, T. 17 N., R. 21 W., G&SRM	Diversi on													570
Clayton Brothers 2 Pumps and 1 well Sec. 3h, T. h N., R. 22 W., CASEM	Diversion													ų, 800
M & T Packing 2 Pumps shared with Jamar Produce Sec. 16, T. 3 N., R. 22 W., G&SRM	Diversion													780
Jamar Produce 2 Pumps shared with M. & T Packing Sec. 16, T. 3 N., R. 22 W., G&SRM	Diversion							•						2,01,6
Van Horn, George 1 Pump shared with E. Claridge Sec. 28, T. 3 N., R. 22 W., G&SRM	Diversion				÷									390
Claridge, E. 1 Pump shared with George Van Horn Sec. 28, T. 3 N., R. 22 W., G&SRM	Diversion													762

January 14, 1966

CALENDAR YEAR 1965

STATE OF Arizona

V(B)
Supplemental Sheet 2 of 6
Other users pumping from
Colorado River and wells
in flood plain.

(Acre-Fest)

Diversion Diversion Diversion		_					July						2,730
Diversion		•											2,730
Diversion													894
													2,856
Diversion													3,660
Diversion													1,920
Diversion													1,440
Diversion													2,160
Diversion													2,532
Diversion													1,800
Diversion													2,220
Diversion													3,912
	Diversion Diversion Diversion Diversion Diversion												

V(B)
Supplemental Sheet 3 of 6
Other users pumping from
Colorado River and wells
in flood plain.

(Acre-Feet)

CALENDAR YEAR 1965

STATE OF Arizona

Water User		January	February	March	April	May	Jone	July	Angust	September	October	November	December	1/Totale
Subtotal - Records of monthly distribution not available. Davis Dam to Imperial Dam	Diversion	ينبليا و 1	3,506	4,652	3,293	4,552	5,683	6, 633	6,419	5,312	3,088	1,958	974 Oct	<u>2</u> 67,514 rec : 35424
Pratt, Loren 2 Wells Sec. 14, T. 7 S., R. 22 W., GASEM	Diversion													Ц 50
Tudor, J. 1 Well 3ec. 5, T. 5 S., R. 22 W., G&SRM	Diversion													1,200
Frito and Dan't 1 Well Sec. 7, 7. 8 S., R. 22 V., G&SRK	Diversion													960
Spencer, N.J. 1 Meii 3ec. 17, 7. 6 J., R. 22 M., G&SRM	Diversion													2,580
Surber, irs. Henneth 1 Meil 3ec. 19, T. S S., R. 22 M., GASEM	Diversion													234
Ogram 2 Wells Jeo. 2., T. 5 S., R. 23 V., G&SRM	Diversion													1,680
Cgram. 2 Wells shared with Shirley & Gunther Sec. 23, 7. 8 3., R. 23 M., 3&SRM	Diversion													330
Shirle, & Gunther 2 Wells shared with Ogran Sec. 23, T. 5 3., R. 23 W., G&SRM	Diversion													1,392
Dover, Illis 1 Well shared with Webt & Ribelin Sec. 31, T. 16 S., R. 23 L., SBM	Diversion													ř 2 5
Webt & Ribelin 1 Well shared with Ellis Dover Sec. 31, 7. 16 3., R. 23 2., SBM	Diversion													660
Cordeino, Manuel 1 Meil Sec. 25, T. 16 S., R. 22 S., SBM	Diversion													684

See footnotes on Sheet 6

January 14, 1966

CALENDAR TEAR 1965

STATE OF Arizona

V(B)
Supplemental Sheet 4 of 6
Other users pumping from
Colorado River and wells
in flood plain.

(Acre-Feet)

Water Voer		January	February	March	April	Му	Jone	1al3	August	September	October	November	December	Totale
Armon, Curtis 1 Pump Sec. 29, T. 16 S., R. 22 E., SEK	Diversion													606
Power, J. F. 2 Pumps Sec. 30, T. 16 S., R. 22 E., SEM	Diversion													2,760
Hall, Ansel 1 Pump Sec. 36, T. 16 S., R. 21 E., SEM	Diversion													624
Hall, Ansel 1 Pump shared with Yuma Valley Cattle Co. Sec. 21, T. 8 S., R. 24 W., G&SRM	Diversion													108
Yuma Valley Cattle Co. 1 Pump shared with Ansel Hall Sec. 21, T. 8 S., R. 2h W., G&SFM	Diversion													162
Hall, Ansel 1 Pump Sec. 33, T. 6 S., R. 2L W., G&SRM	Diversion													148
Yancey Travis 1 Pump Sec. 32, T. 8 S., R. 24 W., G&SRM	Diversion													420
Schoolcraft, Henry 1 Pump Sec. 5, T. 9 S., R. 24 W., G&SRM	Diversion													168
Cannon, J. O. 1 Pump Sec. 18, T. 9 S., R. 24 W., G&SRM	Diversion													960
McDaniel & Son l Well Sec. 36, T. 9 S., R. 25 W., G&SRM	Diversion													5,160
Sibley, Philip 1 Pump Sec. 2, T. 10 S., R. 25 W., G&SRM	Diversion													1,008
Sibley, Philip 1 Well Sec. 1, T. 10 S., R. 25 W., G&SRM	Diversion													1,242
See footnotes on Sheet 6												nef,	uary 14, 196	

CALENDAR TEAR 1965

STATE OF Arizona

V(B)
Supplemental Sheet 5 of 6
Other users pumping from
Colorado River and wells
in flood plain.

(Acre-Feet)

Water User		January	February	March	April .	May	June	Joly	August	September	October	November	December	liotale
Jefferies, Floyd 1 Well Sec. 2, T. 10 S., R. 25 W., G&SRM	Diversion													960
Sibley, H. D. 1 Well and shares 1 pump with LeRoy Beck Sec. 14, T. 10 S., R. 25 W., G&SRM	Diversion													1,50
Beck, LeRoy 1 Pump shared with H. D. Sibley Sec. 14, T. 10 S., R. 25 W., G&SRM	Diversion													96
Daniel, A. T. 1 Pump Sec. 23 T. 10 S., R. 25 W., G&SRM	Diversion													372
Lee, James W. 1 Well Sec. 26, T. 10 S., R. 25 W., G&SRM	Diversion													810
Hunter, J. C. 1 Pump Sec. 35, T. 10 S., R. 25 W., G&SRM	Diversion													180
Barkley, J. F. 1 Well Sec. 35, T. 10 S., R. 25 W., G&SRM	Diversion													F80
Brown, Willis A. 1 Well Sec. 2, T. 11 S., R. 25 W., G&SRM	Diversion													804
Hughes, Earl 1 Well shared with Quan and Bilbrey Sec. 3, 7. 11 S., R. 25 W., G&SRM	Diversion													576
Quan, Raymond l Well shared with Hughes and Bilbrey Sec. 3, T. 11 S., R. 25 W., G&SRM	Diversion													900
Bilbrey, H. E. 1 Well shared with Quan and Hughes Sec. 3, T. 11 S., R. 25 W., G&SRM	Diversion													SLO
Subtotal - Records of monthly distribution not available. Imperial Dam to Boundary TOTAL - ARIZONA	Diversion	1,162 2,606	2,200 5,706	2,627 7,279	2,465 5.7 5 8	3,241 7,793	3,190 8.873	3,828	3,509 9,928	3,594 8,906	2,525 5-613	1,288 3,26	67مول دراران	₹50,096 77.610

See footnotes on Sheet 6

CALENDAR YEAR 1965

STATE OF Arizona

Supplemental Sheet 6 of 6 Other users pumping from Colorado River and wells in flood plain

(Acre-Feet)

V(B)

Water User January February July August September October November December Totals

2/ Computed by assuming an annual diversion of 6 acre-feet per irrigated acre unless otherwise noted.

2/ Distributed according to distribution of monthly diversions to Colorado River Indian Reservation and Palo Verde Irrigation District.

3/ Distributed according to monthly diversions to Valley Division of Yuma Project.

CALENDAR TEAR 1965

STATE OF CALIFORNIA

Sheet 1 of 2 Final Records (Acre-Fest)

													/ work	
Water User		Jamuary	February	March	Apr11	May	June	July	August	September	October	Hovember_	December	Totale
City of Needles 4 wells located in NWL of SWL of Section 29, T. 9 N., R. 23 E., SEM	Diversion Return Consumptive Use	Ţì	78	95	108	20 8	261	364	356	546	163	83	- -	2,113 <u>1</u> /
etropolitan Water District of Southern California (Diversion from Lake Havasu)	Diversion Return Consumptive Use	97,865	71,897	104,794	101,933	105,210	102,214	97,093	105,875	100,009	103,293	99,735	88,140	1,178,058 <u>1</u> /
calo Verde Irrigation District	Diversion Return	26,330 24,700	57,690 26,920	72,320 37,730	46,760 33,440	75,350 36,480 38,870	99,290 37, 76 0	114,200 43,240	106,100 46,800	86,450 45,380	48,420 37,900	28,160 30,580	14,250 23,630	775,320 424,560
Diversion at Palo Verde Diversion Dam)	Consumptive Use	1,630	30,770	34,590	13,320	30,010	61,530	70,960	59,300	41,070	10,520	-2,420	-9,380	350,760
City of Elythe 10 wells located in Section 32, T. 6 S., R. 23 E., SEM	Diversion Return Consumptive Use	715	107	135	147 -	311	313	536	483 -	336	243	150	. 98	2,971 <u>1</u> /
East Elythe County Water District	Diversion Return	15	.16	.24	_18 _	_2 6	- ³⁵	-43	45	_40	_2 6	21	_13	312 <u>1</u> /
Pumped from wells for domestic use	Consumptive Use													
Numa Project Reservation Division Indian Unit (Diversion at Imperial Dam)	Diversion Return Consumptive Use	1,132	2,467	5,014	2,524	4,060	4,232	5,494	5,697	4,077	2,964	1,814	379	39.874 <u>2</u> /
Tumm Project Reservation Division Bard Unit (Diversion at Imperial Dam)	Diversion Return Consumptive Use	1,301	2,815	5 ,2 87	3,480	6,142	7,023	6,784	5,162	2,569	2,676	1,313	298	44,850 <u>2</u> /
Imperial Irrigation District (Diversion at Imperial Dam)	Diversion Return Consumptive Use	139,548	182,472	256,718	249,850	279,260	271,357	310,602	319,947	281, 478	242,228	131,056	76,793	2,741,309 <u>1</u> /
Coachella Valley County Water District (Diversion at Imperial Dam)	Diversion Return Consumptive Use	30, 945	32,428	39,791	47,520	60,431	55,579	60,133	64,144	52, 659	38,226	24,464	18,366	524,686 <u>1</u> /
Returns from Numa Project - Reservation Division Drains	Returns 2/	1,510	1,541	2,121	1,730	1,909	1,917	2,027	2,066	1,839	1,614	1,598	1,419	21,291
Other Users pumping from Colorado River and wells in flood plain Davis Dam to International Boundary 3/	Diversion Return Consumptive Use	1,313	2,748	3,592	2,775	3,633	4,201	4,825	4, 452	4,131	2,653	1,412	610	36, 345 <u>1</u> /

V(B)

DIVERSIONS FROM MAINSTREAM, AVAILABLE RETURN FLOW, AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR TEAR 1965

STATE OF CALIFORNIA

Sheet 2 of 2 Final Records (Acre-Feet)

Water User	Ja	musry Febr	mary March	April	May	June	Mly	August	September	October	November	December Totals
CALIFORNIA TOTALS	Return 26	5,210 28	,718 487,760 ,461 39,851 ,257 447,909	455,115 35,170 419,945	534,631 38,389 496,242	544,505 39,677 504,828	600,094 45,267 554,827	612,261 48,866 563,395	531,995 47,219 484,776	440,912 39,514 401,398	288,208 32,178 256,030	199,007 5,345,838 25,049 445,851 173,958 4,899,987

Note: The term "Consumptive Use" in this tabulation means measured diversion less measured return to the river.

1/ No surface returns.
2/ Returns unassigned, include unknown quantities of drainage from the Indian
Unit and the Bard Unit in the Reservation Division, but exclude seepage
from All-American Canal.

3/ Details on California Supplemental Sheets 1 - 5

CALENDAR TEAR 1965

STATE OF CALIFORNIA

V(B) Supplemental Sheet 1 of 5 Other users pumping from Colorado River and wells in flood plain

(Acre-Feet)

Nater User		Jamuary	February	March	Apr11	шу	June	July	August	September	October	November	December	l/ Totale
Soto, Amelia 2 wells Sec. 36, T. 11 N., R. 21 F., SBM	Diversion												-	840
Cossey, 1 well Sec. 9, T. 1 S., R. 24 S., SBM	Diversion													102
Cossey, 1 well Sec. 16, T. 1 S., R. 24 E., SBM	Diversion													72
Cossey, 2 wells Sec. 10, T. 1 S., R. 24 E., SBM	Diversion													66 0
Ventura Processors' Co. 4 wells Sec. 10, T. 1 3., R. 24 5., SBM	Diversion													1,590
Curtis, S. F. 1 pump Sec. 31, T. 2 S., R. 24 E., SBM	Diversion													1,350
Swann, James 1 well Sec. 14, T. 3 S., R. 23 E., SBM	Diversion													150
Eberhart, C. ?. 2 pumps Sec. 13, T. 3 S., R. 23 E., SBW	Diversion													1,200
Cagle & Wilson 2 pumps Sec. 13, T. 3 S., R. 23 E., SBM	Diversion												-	87 0
Harvey, K. E. 1 pump Sec. 11, T. 4 S., R. 23 E., SBM	Diversion													624
Clark, Robert 1 pump Sec. 36, T. 4 S., R. 23 E., SBM	Diversion		-											690
Wagon Theel Cattle Co. 3 pumps Sec. 5, T. 5 S., R. 24 E., SBM	Diversion													3,096

CALENDAR YEAR 1965

STATE OF CALIFORNIA

V(B) Supplemental Sheet 2 of 5 Other users pumping from Colorado River and wells in flood plain

				•	STATE OF CAL	TLOMIT							(Acre-Fo	et)
Water User		Jamuary	Pebruary	March	April	May	June	July	Angust	September	October	November	December	1/ Totale
Magon Wheel Cattle Co. 2 pumps Sec. 7, T. 5 S., R. 24 E., SBM	Diversion												.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2,100
Anderson Development Incorporation 1 pump Sec. 13, T. 9 S., R. 21 E., SBM	Diversion	158	275	466	240	216	3 93	324	201	245	161	o	0	<u>2</u> /2,679
Milpitas Cattle Co. 1 pump Sec. 23, T. 10 S., R. 21 E., SBM	Diversion													780
Milpitas Cattle Co. 2 pumps Sec. 25, T. 10 S., R. 21 E., SBM	Diversion													3,480
Subtotal - Records of monthly distribution available. Davis Dam to Imperial Dam	Diversion	158	275	466	240	216	393	324	301	245	161	o	0	2,679
Subtotal - Records of monthly distribution not available. Davis Dam to Imperial Dam	Diversion	535 D H S	1,299 16	1,724	1,220	1,687	2,105 7 8	2,458 15 ⁷⁷	2,378 ; 0}	1,968 <i>⋛ [</i>	1,144 /e l	725 ਜ਼ੇ <i>ੋਂ</i>	361 4 7	3/17,604
Cole, D. C. 1 pump and 1 well Sec. 35, T. 15 S., R. 23 E., SBM	Diversion	,	, , , , , , , , , , , , , , , , , , ,	Œ,	**	•	41	,,,	1 0 %		<i>y</i> •			636
O'Neal, W. H. 1 well Sec. 35, T. 15 S., R. 23 E., SEM	Diversion													378
Haygood, D. W. 1 well Sec. 2, T. 16 S., R. 23 E., SBM	Diversion													612
O'Neal, W. H. 1 pump Sec. 3, T. 16 S., R. 23 E., SBM	Diversion													198
Brammer, J. W. 1 pump Sec. 15, T. 16 S., R. 23 E., SBM	Diversion													540
Duke, L. H. 1 pump Sec. 14, T. 16 S., R. 23 E., SBM	Diversion													1,452

CALENDAR YEAR 1965

STATE OF CALIFORNIA

V(B) Supplemental Sheet 3 of 5 Other users pumping from Colorado River and wells in flood plain

				•	TATE OF CAL	LFORUNTA							(Acre-Fe	at)
Water User		January	February	Karch	April	May	June	July	Angust	September	October	Kovecber	December	l/ Totale
itchell, H. V. . well Sec. 22, T. 16 S., R. 23 E., SBM	Diversion			angeria auto										81.0
Perez Filberto well, shares 1 well with D. E. Slade Gec. 5, T. 3 S., R. 22 W., GFSR4	Diversion													744
lade, D. E. well, shares 1 well with Filberto Perez ec. 6, T. 8 S., R. 22 W., G&SRM	Diversion													64:
mial, W. F. well ec. 6, T. 8 S., R. 22 W., GASRM	Diversion													858
pencer, M. S. well with Z. E. Roberts ec. 9, T. 16 S., R. 23 E., SBM	Diversion													144
oberts, Z. E. well with M. E. Spencer ec. 9, T. 16 S., R. 23 E., SBM	Diversion													70
right, Moland pump ec. 1, T. S S., R. 23 W., G&SRM	Diversion													1,500
haffer, Fred pump ec. 2, T. 3 S., R. 23 W., G&SRM	Diversion													360
coley, Marvin W. well ec. 19, T. 16 S., R. 23 E., SBM	Diversion													390
aylor, Jay well, shares 1 well with C. W. Howell sec. 2, T. 8 S., R. 23 W., G&SRM	Diversion													480
owell, C. W. well, shares 1 well with Jay Taylor sec. 2, T. 8 S., R. 23 W., G&SFM	Diversion													210
Milson, Woody . well dec. 1, T. 8 S., R. 23 W., G&SRM	Diversion													60

CALENDAR YEAR 1965

STATE OF CALIFORNIA

V(B)
Supplemental Sheet 4 of 5
Other users pumping from
Colorado River and wells
in flood plain

(Acre-Feet)

Water User		January	February	March	April April	May	June	July	August	September	October	November	December	Total
asterday, Anne .well ec. 1, T. 9 S., R. 23 W., GESRE	Diversion													67
ees, John F. well, shares 1 well with Arthur Sanders ec. 1, T. 8 S., R. 23 W., GASRM	Diversion													24
anders, Arthur well, shares 1 well with John F. Dees ec. 1, T. 8 J., R. 23 W., G&SRM	Diversion													17
vans, ussie well ec. 12, T. 8 S., R. 23 W., G&SRM	Diversion													69
aro, Paul well ec. 12, T. 8 S., R. 23 N., CASRM	Diversion													38
arp, Earl Well ec. 13, T. 8 S., R. 23 W., GASRM	Diversion													31
asterday, Ken well ec. 12, T. 8 S., P. 23 W., G&SRM	Diversion													54
mith, Ferrin well ec. 11, T. 8 S., R. 23 W., G&SEM	Diversion													45
urgess, John well ac. 19, T. 16 S., R. 23 E., SBM	Diversion													68
aeger tract operator pump ec. 27, T. 16 S., A. 22 E., SBM	Diversion													54
untin, W. W. pumap ec. 29, T. 16 S., R. 22 E., SEM	Diversion													47
erris, Joe well	Diversion													18

CALENDAR YEAR 1965

STATE OF CALIFORNIA

V(B) Supplemental Sheet 5 of 5 Other users pumping from Colorado River and wells in flood plain

														(Acre-Ke	HET.)
	Water User		Jamuary	February	March	April	Yey	June	July	August	September	October	November	December	1/Totale
Su	btotal - Records of monthly distribution not available Imperial Dam to Boundary	Diversion	620	1,174	1,402	1,315	1,730	1,703	2,043	1,873	1,918	1,348	687	249	4/16,062
1	TOTAL - CALIFORNIA	Diversion	1,313	2,748	3,592	2,775	3,633	4,201	4,825	4,452	4,131	2,653	1,412	610	36, 345

^{1/} Calculated by assuming an annual diversion of six acre-feet per irrigated acre unless otherwise noted.
2/ From records of Palo Verde Irrigation District.
3/ Distributed according to monthly distribution of diversions to Colorado River Indian Reservation and Palo Verde

Irrigation District.
4/ Distributed according to monthly diversion to Valley Division of Yuma Project.

CALENDAR TEAR 1965

STATE OF NEVADA Final Records (Acre-Feet) Water User January February March April June July August September October Kovecher Totals Boulder City Diversion 103 104 130 132 240 295 348 267 210 108 342 76 2,355 Return (Diversion at Hoover Dam) Consumptive Use Lake Mead National Recreation Area Diversion 1h 20 26 23 33 57 73 65 48 22 438 43 Return (Diversion from Lake Mead) Consumptive Use Basic Management Inc. 1,556 1,118 Diversion 1,121 1,087 1,452 1,607 1,885 1,833 1,192 868 16,070 Return (Diversion at Saddle Island, Lake Mead) Consumptive Use Las Vegas Valley Water District Diversion 0 1,264 0 87 813 1,432 3,596 0 0 Return Consumptive Use : (Diversion at Saddle Island, Lake Mead) 3/ Fiberboard Paper Products Co. Diversion 13 23 23 25 22 16 24 21 16 10 229 Return (Diversions at Gypsum Wash) Consumptive Use Subtotal - Records of monthly distribution 3,156 1,465 22,688 Diversion 1,251 1,227 1,750 2,068 3,135 3,696 1.014 1,218 1,330 1,378 available Return Consumptive Use Milton E. Cavanagh
1 Pump-W2 Lot 2, Sec.33, T.32 S., R.66 E. Diversion MDB&M Warren E. Portenier 1 Pump- W_2^1 Lot 1, Sec. 33, T.32 S., R.66 E. Di version MDB&M John C. Welles Diversion 1 Pump-E2 Lot 2, Sec. 33, T.32 S., R.66 E. MDB&M 22,716 Diversion NEVADA TOTALS Return Consumptive Use

1/ No surface returns.

NOTE: The term "Consumptive Use" in this tabulation means measured diversion less measured return to the river.

^{2/} Portions of return flow in Las Vegas Wash attributable to diversions to Basic Management Inc., and to Las Vegas Valley Water District are not assigned.

^{3/} Delivered through facilities of Basic Management Inc., and metered at Booster Pump No. 2.

^{4/} Reported annually.

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

ARIZONA v. CALIFORNIA DATED MARCH 9, 1964

CALENDAR YEAR 1965

The enclosed tabulations for Calendar Year 1965, show records of 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 decreed rights.

Water ordered but not diverted was analyzed daily for each diverter as the positive difference between the finally approved daily order and the mean daily delivery requested on the day the diversion was made. The monthly quantities shown on the tabulations are the sum of the daily positive quantities. Final approval of daily orders was given in advance of the delivery date by the amount of travel time involved in conveying the water from the storage point to the diversion point on the main stream.

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

The daily quantities of "water ordered but not diverted" were considered for all diverters each day and, to the extent possible, this water was delivered to others in satisfaction of their rights. The quantities of such deliveries are shown on the tabulation.

To date, no orders are received for diversions from the Colorado
River in Nevada so no sheet is included for Nevada. Diversions
from Lake Mead for use in Nevada are not large enough at the present
time to be of significance in scheduling daily operations.

RELEASES OF MAINSTREAM WATER PURSUANT TO ORDERS BUT NOT DIVERTED BY PARTY ORDERING SAME

QUANTITY OF SUCH WATER DELIVERED TO MEXICO IN SATISFACTION OF MEXICAN TREATY OR DIVERTED BY OTHERS

CALENDAR YEAR 1965

STATE OF ARIZONA

					STATE OF	ARIZONA							(A	cro-Feet)
Water Use	•	Jenuary	February	March	April	Иау	June	July	August	September	October	November	December	Totals
Colorado River Indian Reservation	Ordered but not Diverted	T	839	510	1,246	1.004	256	407	666	363	781	399	58	9,455
	Delivered to Mexico	0	Ó	ō	0	ò	Ó	Ö	0	ō	0	0	0	Ō
(Diversion at Headgate Rock Dam)	Diverted by Others	258	478	67	111	264	147	85	159	284	3 92	99	18	2,362
Yuma Proving Ground, U.S. Army 1/	Ordered but not Diverted	_	_	_	_	_	_	_	_	_	_	_	_	_
Tama Tioving Gloding Gibs Ring	Delivered to Mexico	-	_	_	_	_	_	-	_	_	_	_	_	-
(Diversion at Imperial Dam)	Liverted by Others	_	-	-	-	-	-	-	-	-	-	-	-	-
North Gila Valley Irrigation	Ordered but not Diverted	321	190	1,523	1,339	369	480	78 3	978	1,170	1,365	1,039	1,134	10,691
District	Delivered to Mexico	0	190	2,56,2	بررو <u>د</u> 0	0	400	, 69, 0	978	0	0	0	1,1,4	0,071
(Diversion at Imperial Dam)	Diverted by Others	69	6	206	294	61	91	672	119	18	419	220	238	2,413
(Diversion at imperial Dam)	produced by Orders	0-9	0	200	294	91	91	072	119	10	419	220	2,50	2,42
Steve Sturgess, Warren Act	Ordered but not Diverted	184	0	79	46	0	0	73	158	165	18	42	16	781
contractor	Delivered to Mexico	0	O	0	0	0	0	0	0	n	0	0	0	0
(Diversion at Imperial Dam)	Diverted by Others	6	0	22	6	0	0	51	4	105	4	4	12	214
Wellton-Mohawk Irrigation and	Ordered but not Diverted	623	2,440	720	5,768	1,654	1,962	962	1,950	859	1,160	1,658	3,288	23,044
Drainage District	Delivered to "exico	ō	0	0	0	-,-,0	0	0	0	ó	0	-, 0	c	Ö
(Diversion at Imperial Dam)	Diverted by Others	38	968	25	778	307	145	567	285	448	345	138	636	4,731
Yuma Irrigation District	Ordered out not Diverted	103	36	629	756	962	1,192	492	801	650	272	5 27	752	7,232
Tame III Easton District	Delivered to Mexico		~	~ 5	,,,	0	0	472	0	0,0	~~~	0	, , _o	0
(Diversion at Imperial Dam)	Diverted by Others	22	ŏ	5ĕ	7 5	190	300	426	161	~ 117	64	133	135	1,679
Yuma Mesa Irrigation and	Ordered but not Diverted	3,128	1,182	1,600	3,054	2,212	3 6/0	200	3 (30	2 /20	2 250	1,402	3,114	24,793
Drainage District	Delivered to Mexico	0عدور . 0	1,102	1,000	بکج∪و <i>و</i> 0	0	1,543	353 0	1,418 0	3,437 0	2,350 0	1,402	بمددور 0	24, ₆ 42
(Diversion at Imperial Dam)	Diverted by Others	629	160	234	414	298	272	321	21.6	-	682	353	549	5,529
(biversion at Imperial bank)	Divation of Orners	029	100	234	414	290	212	321	210	1,392	002	373	249	29229
Unit "3" Irrigation and Drainage	Ordered but not Diverted		307	161	408	206	323	248	296	393	21.8	42	3 <i>5</i> 9	3,217
District	Delivered to Mexico	0	0	Ģ	0	0	0	0	0	0	0	0	0	0
(Diversion at Imperial Dam)	Diverted by Others	14	14 9	26	34	6	113	192	50	141	55	6	66	852
City of Yuma	Ordered but not Diverted	² /(155)	(100)	(93)	(123)	(58)	(108)	(44)	(71)	(249)	(92)	(183)	(110)	(1,386)
•	Delivered to Mexico ,	()	`_ o´	0	. 0	`´o´	, o	0	``0	` o´	` o´	` 0	`_o′	0
(Diversion at Imperial Dam)	Diverted by Others 3/	-	-	-	-	_	-	-	-	-	-	-	-	-
Yuma County Water Users'	Ordered but not Diverted	4/ 926	690	1,369	2,097	2,041	1.071	305	2,045	946	821	2,624	2,426	17,361
Association	Delivered to Mexico	720	0-00	ر مرود	2,007,	ريون 1	1,0,1	, 0	040	940	921	بينعن و به	2,420	1000
(Diversion at Imperial Dam)	Diverted by Others	180	51.ŏ	129	460	579	79	285	684	321	296	327	206	4,056
	A-2	0.1/6	. (0:	/ m.		0.440	(202	0 (05		P 0.00	(00-	7. 20. 0	23.246	06 504
ADIZON: MODULE	Ordered but not Diverted	-,	5,684	6,591	14,714	8,448	6,827	3,623	8,312	7,983	6,985	7,793	11,147	96,574
ARIZONA TOTALS	Delivered to Mexico	0	0	~°	2.200	0	0	0	0	0	0	0	0	0 000
1	Diverted by Others	1,216	2,280	760	2,172	1,705	1,147	2,599	1,678	2,326	2,257	1,330	1,360	21,836

^{1/} No orders received. 2/ Not included in Arizona totals - See footnote 4/

^{3/} No records available.
4/ Total water ordered but not diverted by City of Yuma and Yuma County Water Users' Association.

RELEASES OF MAINSTREAM WATER PURSUANT TO ORDERS BUT NOT DIVERTED BY PARTY ORDERING SAME

QUANTITY OF SUCH WATER DELIVERED TO MEXICO IN SATISFACTION OF MEXICAN TREATY OR DIVERTED BY OTHERS

CALENDAR YEAR 1965

STATE OF CALIFORNIA

(Acre-Feet) Water User February April July August September October November December Totals ____ Netropolitan Water District of Ordered but not Diverted 3.071 517 826 1,253 911 672 2,219 1,012 1,568 3,701 2,631 7,881 26,262 Delivered to Mexico 1/ Southern California (Diversion from Lake Havasu) Diverted by Others 1 Palo Verde Irrigation District Ordered but not Diverted 165 002 2,594 3.590 1,666 1,299 684 2,321 1,906 1,269 1,716 2,112 20,314 Delivered to Mexico 0 0 0 0 0 (Diversion at Palo Verde Divrs.Dam) Diverted by Others 0 311 192 143 22 127 190 179 101 30 153 1,535 Yuma Project Reservation Division Ordered but not Diverted 458 2,097 1,103 692 1,248 13,844 2,267 1,551 1,769 793 563 833 Delivered to Mexico 0 0 Ω O (Diversion at Imperial Dam) Diverted by Others 309 282 670 367 528 343 1,188 686 403 236 5,782 Imperial Irrigation District Ordered but not Diverted O 0 0 8,301 0 0 0 0 0 1,906 10,207 Delivered to Mexico 0 О 0 0 n 0 0 (Diversion at Imperial Dam) Diverted by Others 0 ٥ 42 0 0 0 0 0 ò 30 72 0 Coachella Valley County Water Ordered but not Diverted e 0 3,251 506 1,091 O 0 337 258 3,191 774 9,408 District Delivered to Mexico 0 0 0 0 0 (Diversion at Imperial Dam) Diverted by Others 0 0 0 972 462 58 0 127 0 1,129 32 2,847 Ordered but not Diverted 3.706 2,703 5,208 17,071 3,775 5,329 5,102 4,454 4,604 4,721 9,856 13,506 80,035 CALIFORNIA TOTALS Delivered to Mexico 0 0 0 Diverted by Others 309 862 1,524 432 1,117 1,275 1,908 485 10,236 393

^{1/} All water "Ordered but not Diverted" remained in Lake Havasu storage.

RECORDS OF DELIVERIES TO MEXICO OF WATER

IN SATISFACTION OF THE TREATY OF FEBRUARY 3, 1944,

AND WATER PASSING TO MEXICO IN EXCESS OF TREATY

REQUIREMENTS IN ACCORDANCE WITH ARTICLE V(D) OF THE

DECREE OF THE SUPREME COURT OF THE UNITED STATES

IN ARIZONA v. CALIFORNIA DATED MARCH 9, 1964

CALENDAR YEAR 1965

V(D)

DELIVERIES TO MEXICO IN SATISFACTION OF PART III OF 1944 TREATY AND WATER RASSING TO MEXICO IN EXCESS OF TREATY REQUIREMENTS

CALENDAR TEAR 1965

												Acro-Fest)	
	January	February	March	April	May	June	July	August	September	October	November	December	Totale
												/	7
Deliveries to Yexico in Satisfaction of Treaty	85,286	80,564	174,302	183,463	92,421	142,218	216,561	228,661	105,806	55 ,37 0	53,585	81,763	1,500,000
Passing to Mexico in Excess of Ireaty requirements	9,316	3,601	8,739	26,360	1,665	74	148	11,452	79	6,363	34,864	85,000	187,661