

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 OF THE
DECREE OF THE SUPREME COURT OF
THE UNITED STATES IN
ARIZONA v. CALIFORNIA DATED MARCH 9, 1964
CALENDAR YEAR 1967

Division of Water and Land Operations
Boulder City, Nevada

May 15, 1968

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

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CALENDAR YEAR 1967

May 15, 1968

May 15, 1968

The enclosed tabulations for Calendar Year 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 "Divisions 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.

RELEASE OF WATER THROUGH REGULATORY STRUCTURES
CONTROLLED BY THE UNITED STATES

V(A)

CALENDAR YEAR 1967

Final Records
(Acre-Feet)

Water User	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Hoover Dam	499,800	574,300	846,900	771,300	888,800	781,600	831,900	755,300	494,300	575,800	556,500	355,600	7,932,000
Davis Dam	427,500	550,900	849,200	794,000	824,700	883,200	936,600	881,800	599,300	531,400	349,700	224,300	7,853,000
Parker Dam	305,900	430,700	677,300	608,300	648,400	725,600	835,200	749,200	490,300	434,600	247,100	169,800	6,322,000
Headgate Rock Dam ^{1/}	292,900	396,700	630,100	564,900	598,500	671,300	775,800	694,300	451,400	398,500	222,800	152,100	5,849,000
Palo Verde Diversion Dam ^{2/}	265,600	347,100	562,400	505,200	530,300	560,100	648,200	618,500	393,600	362,800	205,700	129,100	5,129,000
Imperial Dam	16,790	15,620	21,660	23,730	18,970	22,480	24,530	26,100	28,260	16,820	18,030	10,990	244,000
Laguna Dam ^{3/}	16,120	15,660	20,730	23,730	18,970	23,220	23,930	26,650	27,590	16,820	18,030	12,150	243,700

^{1/} Colorado River below Parker Dam less diversions at Headgate Rock Dam.
^{2/} 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.
^{3/} Colorado River below Imperial Dam adjusted by storage change in the reservoir above Laguna Dam.

May 15, 1968

**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 1967

May 15, 1968

May 15, 1968

The enclosed tabulations for Calendar Year 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, Bureau of Sport Fisheries and Wildlife, 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 estimate of diversion by pumping during 1967 was made by two basic methods: 1) for most electric pumps diversion was computed on a monthly basis from power records and on "kilowatt^{hours} per acre-foot factor" that was determined by discharge measurements; 2) for pumps other than electric, a factor of 6 acre-feet per irrigated acre per year was used. Inventories of irrigated acres were made during April and November 1967.

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

V(B)

CALENDAR YEAR 1967
STATE OF ARIZONA

Sheet 1 of 3
Final Records
(Acres-Feet)

Water User	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Lake Mead National Recreation Area (Diversion from Lake Mohave)	10	9	12	17	20	25	32	31	26	23	17	11	233 1/
Havasu Lake National Wildlife Refuge Inlet - RW-WE-WE-MT, Sec. 33, T. 9N, R. 23E, S. 36W 1 well NE-NE-NE-MT, Sec. 15, T. 8N, R. 23E, S. 36W													2/ 2/ 164 2/
Return Consumptive Use													
Town of Parker 1 well NW-NE-WE-MT, Sec. 7, T. 9N, R. 19W, G. 4SRW 1 well SW-NE-WE-MT, Sec. 1, T. 9N, R. 20W, G. 4SRW	23	23	28	28	55	72	82	82	61	46	34	21	555 1/
Return Consumptive Use													
Colorado River Indian Reservation (Diversion at Headgate Rock Dam) (Pumped from wells at Parker) 2 wells SW-NE-WE-MT, Sec. 2, T. 9N, R. 20W, G. 4SRW (Pumped from wells at Foston) 4 wells NE-MT, Sec. 36, T. 8N, R. 21W, G. 4SRW (Pumped from well at Valley Field Office) 1 well NW-NE-WE-MT, Sec. 1, T. 8N, R. 21W, G. 4SRW	12,920 2	33,910 2	47,240 3	43,440 3	49,920 3	54,350 3	59,440 3	54,940 3	36,660 3	36,040 3	24,350 3	17,700 3	473,110 34 45 6
Return Consumptive Use													
Imperial National Wildlife Refuge 1 well NW-WE-MT, Sec. 13, T. 5S, R. 22W, G. 4SRW 1 well SW-NE-WE-MT, Sec. 13, T. 5S, R. 22W, G. 4SRW	12,740 188	15,610 16,307	23,120 24,128	24,120 19,327	21,960 27,947	22,940 31,417	26,350 33,097	29,340 25,607	26,600 10,267	25,900 16,147	21,110 3,247	16,550 1,156	268,360 204,835
Return Consumptive Use													2/ 2/ 75 2/ 275 1/
Yuma Proving Ground, US Army (Diversion at Imperial Dam)	2	3	1	2	2	0	1	1	1	1	1	1	16 1/
Return Consumptive Use													
North Gila Valley Irrigation District (Diversion at Imperial Dam)	3,579 1,459 2,120	5,482 1,695 3,787	5,973 2,293 3,680	5,136 1,497 3,961	7,235 1,996 5,239	7,030 1,727 5,303	6,690 1,937 4,753	4,466 1,810 2,656	2,534 1,022 1,512	5,620 1,673 3,947	3,367 1,363 2,030	1,861 691 1,170	59,317 19,163 40,160
Return Consumptive Use													
Wellton-Mohawk Irrigation and Drainage District (Diversion at Imperial Dam)	14,846 17,510 -2,664	30,337 13,950 16,407	46,117 17,230 28,887	46,206 16,600 29,606	58,297 14,500 43,497	59,724 18,710 43,014	55,227 17,500 37,727	58,108 17,860 40,248	32,891 16,670 16,221	34,721 17,700 17,021	18,878 17,920 958	10,428 18,500 -8,072	465,760 202,930 262,850
Return Consumptive Use													

May 15, 1968

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

CALENDAR YEAR 1967
STATE OF ARIZONA

V(B)

Sheet 2 of 3
Final Records
(Acre-Feet)

Water User	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Yuma Irrigation District (Diversion at Imperial Dam)	1,229	2,451	4,423	4,987	6,977	6,477	4,690	3,487	1,914	3,637	1,599	941	42,812
Return (Pumped from wells)	95	218	234	338	432	464	241	374	311	494	57	5	3,223
Consumptive Use	-	-	-	-	-	-	-	-	-	-	-	-	1/
Yuma Mesa Irrigation and Drainage District (Diversion at Imperial Dam)	8,654	10,458	15,820	18,851	27,332	28,709	31,226	32,210	20,779	19,385	12,502	8,154	5/234,280
Return	-	-	-	-	-	-	-	-	-	-	-	-	1/
Consumptive Use	-	-	-	-	-	-	-	-	-	-	-	-	1/
Unit "B" Irrigation and Drainage District (Diversion at Imperial Dam)	2,030	2,109	2,416	3,036	4,457	4,660	4,866	5,226	3,371	2,986	1,861	821	5/ 37,859
Return	-	-	-	-	-	-	-	-	-	-	-	-	1/
Consumptive Use	-	-	-	-	-	-	-	-	-	-	-	-	1/
Returns from South Gila Valley	3,715	3,403	6,222	7,318	2,023	4,054	9,033	8,523	3,126	7,084	6,502	5,777	66,760
City of Yuma	503	506	631	640	927	1,020	1,160	1,100	867	791	556	427	9,137
Return	10	9	28	30	26	18	15	9	18	6	13	6	100
Consumptive Use	493	497	603	619	901	1,002	1,145	1,091	849	783	543	421	8,947
Yuma County Water Users' Association (Diversion at Imperial Dam)	16,544	22,333	26,168	25,390	33,166	31,350	34,235	36,026	25,675	27,536	16,701	8,049	7/303,175
Return	1,456	1,168	1,317	1,861	1,535	1,472	1,340	1,340	1,443	946	736	553	12,110
Consumptive Use	10,680	11,160	12,230	11,750	11,360	10,670	10,610	10,590	10,560	13,140	12,170	10,670	136,950
Return	7,120	12,321	15,275	14,921	23,323	21,958	24,982	26,416	16,198	15,342	5,267	-1,768	181,335
Cocopah Indian Reservation (Diversion at Imperial Dam)	234	237	430	227	33	312	286	347	166	67	41	140	2,520
Return	21	12	22	12	2	15	13	13	9	2	2	15	138
Consumptive Use	-	-	-	-	-	-	-	-	-	-	-	-	8/
Other Users pumping from Colorado River and wells from Flood plain Davis Dam to International Boundary	3,653	5,259	8,675	8,150	8,804	11,776	12,037	10,206	7,921	6,251	4,497	2,117	88,946
Return	-	-	-	-	-	-	-	-	-	-	-	-	1/
Consumptive Use	-	-	-	-	-	-	-	-	-	-	-	-	1/
ARIZONA TOTALS	66,007	114,522	159,515	158,079	199,203	207,469	211,790	207,966	136,436	138,513	85,246	51,550	1,736,810
Return	46,314	45,827	61,123	61,315	52,205	56,319	65,645	68,492	60,396	65,505	59,078	52,194	694,373
Consumptive Use	19,693	68,695	98,392	96,764	146,998	151,150	146,145	139,474	76,040	73,008	26,168	644	1,042,437

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May 15, 1968

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

V(8)

CALENDAR YEAR 1967
STATE OF ARIZONA

Sheet 3 of 3
Final Record
(Acre-Feet)

Water User	January	February	March	April	May	June	July	August	September	October	November	December	Totals
<p>NOTE: The term "Consumptive Use" in this tabulation means measured diversion less measured return to river.</p> <p>1/ No surface returns.</p> <p>2/ Records of diversions from river and returns to river are not yet available.</p> <p>3/ Monthly distribution not available.</p> <p>4/ Pumped from underground and unassigned to districts as returns include quantities of drainage from Yuma Mesa as well as from South Gila Valley.</p> <p>5/ Includes deliveries to the following water users who have contracts with the United States:</p>													
Contractor													
	<u>Point of Delivery</u>												<u>Annual Total</u>
City of Yuma	B 3.7 Lateral												37
Desert Inn Memorial Park Association	B 3.7 Lateral												110
Southern Pacific Company	B 3.7 Lateral												12
Southern Pacific Company	After bay of Yuma Mesa Pumping Plant												48
Ritz Distributing Company	B 3.7 Lateral												10
Yuma Mesa Fruit Growers' Association	B 3.7 W Lateral												10
County of Yuma, Arizona	B 3.8 Lateral												17
Marine Corps Air Station Department of Navy	B Canal and B-5.5 X Lateral												1,541
													<u>1,765</u>
6/ Includes deliveries to the following water users who have contracts with the United States:													
University of Arizona	B Main Canal												620
Camille Allec, Jr.	B-8 Lateral												85
													<u>705</u>
7/ Includes deliveries to the following water user who has a contract with the United States:													
Yuma Union High School District	Yuma Main Canal												200
8/ Returns include unknown quantities of drainage returns from Yuma Mesa Irrigation and Drainage District as well as from Yuma County Water Users' Association and Cocopah Indian Reservation.													
9/ Details on Arizona Supplemental Sheets 1 - 7.													

May 15, 1968

DIVERSIONS FROM MAINSTREAM, AVAILABLE RETURN FLOW,
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1967
STATE OF ARIZONA

V(B)
Supplemental Sheet 1 of 7
Other users pumping from
Colorado River and wells
in flood plain
(Acres-Feet)

Water User	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Parrish, Eldon 1 Well NE 1/4 SW 1/4 sec. 14, T. 19 N., R. 22 W., G & SRM													960
Monsbagen 1 Well NE 1/4 SW 1/4 sec. 23, T. 19 N., R. 22 W., G & SRM													30
Joy, Sam 1 Well NW 1/4 NE 1/4 sec. 26, T. 19 N., R. 22 W., G & SRM													960
Joy, Sam 1 Well SE 1/4 SE 1/4 sec. 15, T. 18 N., R. 22 W., G & SRM													360
Strobell, H. L. 1 Well NW 1/4 NE 1/4 sec. 15, T. 18 N., R. 22 W., G & SRM	0	0	0	187	119	192	42	27	5	10	0	0	2,562
Parrish, Eldon 1 Well SW 1/4 NW 1/4 sec. 13, T. 18 N., R. 22 W., G & SRM													270
Lake Cimarron Estates 1 Well NW 1/4 SW 1/4 sec. 23, T. 18 N., R. 22 W., G & SRM	0	0	0	0	0	0	0	1	0	1	69	11	2,103
McKellip, Gordon 1 Well SW 1/4 NW 1/4 sec. 23, T. 18 N., R. 22 W., G & SRM	2	33	23	75	18	68	68	43	35	12	15	13	2,405
Hancock, Joe 1 Well NE 1/4 NE 1/4 sec. 25, T. 18 N., R. 22 W., G & SRM	17	6	61	70	113	126	212	206	143	132	38	2	2,1126
McKellip, Gordon 1 Well SW 1/4 NW 1/4 sec. 27, T. 18 N., R. 22 W., G & SRM	161	52	215	136	280	622	61	0	92	161	255	30	2,1,085
McKellip, Gordon 1 Well NE 1/4 NE 1/4 sec. 35, T. 18 N., R. 22 W., G & SRM													90
McKellip, Gordon 1 Well SE 1/4 NE 1/4 sec. 35, T. 18 N., R. 22 W., G & SRM													600

See footnotes on Sheet 7

May 15, 1968

**DIVERSIONS FROM MAINSTREAM, AVAILABLE RETURN FLOW,
AND CONSTRUCTIVE USE OF SUCH WATER
CALENDAR YEAR 1967
STATE OF ARIZONA**

V(8)
Supplemental Sheet 2 of 7
Other Users Pumping from
Colorado River and wells
in flood plain

Water User	(Acres-Feet)												Totals	
	January	February	March	April	May	June	July	August	September	October	November	December		
Parrish, Glenn E. 1 Well NW ¹ SE ¹ NE ¹ sec. 35, T.18 N., R.22 W., G & SRM	1	4	9	0	8	15	6	9	11	9	0	0	0	92
Parrish, Eldon 1 Well SE ¹ NW ¹ NE ¹ sec. 7, T.17 N., R.21 W., G & SRM														92
Parrish, Eldon 1 Well SW ¹ NE ¹ NW ¹ sec. 7, T.17 N., R.21 W., G & SRM														92
Parrish, Eldon 1 Well NW ¹ SE ¹ SW ¹ sec. 7, T.17 N., R.21 W., G & SRM														92
Parrish, Eldon 1 Well SW ¹ SW ¹ SE ¹ sec. 11, T.17 N., R.22 W., G & SRM	43	216	172	471	344	648	705	296	321	146	104	0	0	2,135
Parrish, Eldon 1 Well SW ¹ SW ¹ SE ¹ sec. 11, T.17 N., R.22 W., G & SRM	6	43	85	206	252	204	234	173	146	6	31	0	0	2,132
Parrish, Eldon 1 Well NW ¹ NW ¹ NE ¹ sec. 13, T.17 N., R.22 W., G & SRM	0	99	72	130	237	246	67	94	425	5	3	0	0	2,130
Vanderslice, John 1 Well NW ¹ NW ¹ NE ¹ sec. 13, T.17 N., R.22 W., G & SRM	0	2	96	56	116	128	129	226	69	0	0	0	0	2,122
Gerber, John 1 Well NW ¹ NW ¹ NE ¹ sec. 13, T.17 N., R.22 W., G & SRM	23	82	7	39	52	61	53	86	46	6	4	0	0	2,121
Clayton, Ralph 2 Pumps SW ¹ SE ¹ SW ¹ sec. 34, T.4 N., R.22 W., G & SRM	52	208	705	188	264	510	784	562	578	251	113	58	0	2,731

DIVERSIONS FROM MAINSTREAM, AVAILABLE RETURN FLOW,
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1967
STATE OF ARIZONA

V(B)
Supplemental Sheet 3 of 7
Other users pumping from
Colorado River and wells
in flood plain
(Acres-Feet)

Water User	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Wayne, Barrett F. 2 Pumps SE ¹ / ₄ NW ¹ / ₄ SE ¹ / ₄ sec. 16, T. 1 N., R. 22 W., G & SRM													2,326
Van Horn, George 1 Pump SE ¹ / ₄ SW ¹ / ₄ NE ¹ / ₄ sec. 28, T. 3 N., R. 22 W., G & SRM													360
Sprall, Wayne 1 Pump SE ¹ / ₄ SW ¹ / ₄ NW ¹ / ₄ sec. 21, T. 1 N., R. 23 W., G & SRM 1 Well NE ¹ / ₄ NW ¹ / ₄ NE ¹ / ₄ sec. 28, T. 1 N., R. 23 W., G & SRM													1,920
Cibola Valley Irrigation District 3 Pumps SE ¹ / ₄ SE ¹ / ₄ NE ¹ / ₄ sec. 20, T. 1 N., R. 23 W., G & SRM	470	463	1,440	1,735	1,246	2,479	2,902	2,380	2,511	1,721	1,095	27	217,649
Arnett, Howard 1 Pump NE ¹ / ₄ SE ¹ / ₄ NW ¹ / ₄ sec. 31, T. 1 S., R. 23 W., G & SRM													3,540
Arnett, Howard 1 Pump NW ¹ / ₄ NW ¹ / ₄ SW ¹ / ₄ sec. 1, T. 1 S., R. 24 W., G & SRM													4,800
Subtotals - Davis Dam to Imperial Dam	775	1,208	2,889	3,293	3,049	5,299	5,283	4,123	3,284	2,460	1,769	418	313,846
	710	1,577	1,947	1,917	2,222	2,445	2,701	2,354	1,615	1,454	1,038	737	212,887
Pratt, Loren C. 1 Well NW ¹ / ₄ SW ¹ / ₄ NE ¹ / ₄ sec. 14, T. 7 S., R. 22 W., G & SRM													550
Tudor, Tom 1 Well SW ¹ / ₄ NE ¹ / ₄ SE ¹ / ₄ sec. 2, T. 2 S., R. 22 W., G & SRM													960
Croze, James 1 Well SE ¹ / ₄ SW ¹ / ₄ SW ¹ / ₄ sec. 7, T. 8 S., R. 22 W., G & SRM	45	28	122	71	80	43	129	136	103	25	0	28	21810

See footnotes on Sheet 7

May 15, 1968

DIVERSIONS FROM MAINSTREAM, AVAILABLE RETURN FLOW,
AND CONSUMPTIVE USE OF SUCK WATER
CALENDAR YEAR 1967
STATE OF ARIZONA

V(B)
Supplemental Sheet 4 of 7
Other users pumping from
Colorado River and wells
in flood plain

Water User	Diversion												Totals
	January	February	March	April	May	June	July	August	September	October	November	December	
Fletcher and Moenk 1 Pump SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.24, T.8 S., R.23 W., G & SRM	142	111	140	250	343	372	432	317	233	226	230	104	2/2,900
Fletcher and Moenk 1 Well SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.18, T.8 S., R.22 W., G & SRM	56	91	93	113	127	172	140	210	83	70	28	25	2/1,208
Fletcher and Moenk 1 Well SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.18, T.8 S., R.22 W., G & SRM	84	130	190	117	237	285	298	111	12	158	4	5	2/1,631
Serber, K. 1 Well SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.19, T.8 S., R.22 W., G & SRM	36	31	25	30	27	39	24	37	0	7	16	12	2/284
Gunther and Shirley 1 Well NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.24, T.8 S., R.23 W., G & SRM	3	4	3	2	2	3	4	3	0	3	0	2	2/29
Gunther and Shirley 1 Well NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.25, T.8 S., R.23 W., G & SRM	66	39	62	54	53	96	121	0	0	0	106	20	2/517
Gunther and Shirley 1 Well SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.26, T.8 S., R.23 W., G & SRM	21	6	0	0	11	15	31	39	0	0	12	10	2/145
Gunther and Shirley 1 Well NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.25, T.8 S., R.23 W., G & SRM	93	111	104	0	80	83	65	29	9	86	12	9	2/681
Gunther and Shirley 1 Well NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.35, T.8 S., R.23 W., G & SRM	0	0	0	0	4	3	5	24	0	0	0	0	2/36
Oram, George 1 Well NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.23, T.8 S., R.23 W., G & SRM	63	0	57	84	107	197	16	0	0	37	4	64	2/689

See footnotes on Sheet 7

May 15, 1968

DIVERSIONS FROM MAINSTREAM, AVAILABLE RETURN FLOW,
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1967
STATE OF ARIZONA

V(13)
Supplemental Sheet 5 of 7
Other users pumping from
Colorado River and wells
in flood plain

Water User	(Acres-Feet)												Totals
	January	February	March	April	May	June	July	August	September	October	November	December	
Ogram, George 1 Well SW ¹ / ₄ NE ¹ / ₄ sec.26, T.5 S., R.23 W., G & SRM	103	3	47	78	60	77	44	0	0	79	26	52	2,569
Whitman Seed Co. 1 Well SE ¹ / ₄ SE ¹ / ₄ sec.27, T.5 S., R.23 W., G & SRM	2	5	0	52	0	0	24	110	0	0	0	0	2,193
Headstream and McVey 1 Well NE ¹ / ₄ NE ¹ / ₄ sec.27, T.5 S., R.23 W., G & SRM	6	6	35	21	4	5	8	8	0	0	0	0	2,193
Bruce Church Co. 1 Well SW ¹ / ₄ SE ¹ / ₄ sec.22, T.5 S., R.23 W., G & SRM	0	55	30	0	6	39	59	71	41	27	4	0	2,332
Dover and Webb 1 Well SW ¹ / ₄ NE ¹ / ₄ sec.31, T.16 S., R.23 E., SBM													570
Cordeiro, Manuel 1 Well NE ¹ / ₄ SE ¹ / ₄ sec.26, T.16 S., R.22 E., SBM	0	0	25	11	25	51	59	11	25	42	0	12	2,261
Curtis, Armon 1 Pump SW ¹ / ₄ SE ¹ / ₄ sec.29, T.16 S., R.22 E., SBM	0	0	0	24	0	20	19	2	2	10	24	0	2,101
Power, Bill 1 Pump SE ¹ / ₄ SW ¹ / ₄ sec.30, T.16 S., R.22 E., SBM													1,440
Hali, Ansil 1 Pump NE ¹ / ₄ SW ¹ / ₄ sec.36, T.16 S., R.21 E., SBM													660
Cannon, J. C. 1 Well NE ¹ / ₄ NE ¹ / ₄ sec.25, T.9 S., R.25 W., G & SRM													780
McDaniel & Son 1 Well NE ¹ / ₄ NE ¹ / ₄ sec.36, T.9 S., R.25 W., G & SRM	395	315	548	408	342	505	492	523	324	174	212	97	2,4,335

See footnotes on Sheet 7

May 15, 1968

DIVERSIONS FROM MAINSTREAM, AVAILABLE RETURN FLOW,
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1967
STATE OF ARIZONA

V(8)
Supplemental Sheet 6 of 7
Other users pumping from
Colorado River and wells
in flood plain

Water User	(Acres-Feet)												Totals
	January	February	March	April	May	June	July	August	September	October	November	December	
Sibley, Phil and E. D. 1 Well NE ¹ / ₄ SE ¹ / ₄ sec.1, T.10 S., R.25 W., G & SRM													1,380
Jefferies, Floyd 1 Well NE ¹ / ₄ SE ¹ / ₄ sec.2, T.10 S., R.25 W., G & SRM													720
Sibley, Phil 1 Well SW ¹ / ₄ NE ¹ / ₄ sec.14, T.10 S., R.25 W., G & SRM	28	27	5	2	70	77	85	90	21	0	76	91	2,660
Daniel, A. T. 1 Pump SE ¹ / ₄ NE ¹ / ₄ sec.23, T.10 S., R.25 W., G & SRM													540
Lee, James V. 1 Well NW ¹ / ₄ NE ¹ / ₄ sec.26, T.10 S., R.25 W., G & SRM													360
Runter, J. C. 1 Pump NE ¹ / ₄ NE ¹ / ₄ sec.35, T.10 S., R.25 W., G & SRM													240
Barkley, L. E. 1 Well NE ¹ / ₄ NE ¹ / ₄ sec.35, T.10 S., R.25 W., G & SRM													360
Brown, Willis A. 1 Well NE ¹ / ₄ NE ¹ / ₄ sec.2, T.11 S., R.25 W., G & SRM	0	58	96	69	84	93	77	29	65	30	37	82	2,720
Rugges, Earl 1 Well SW ¹ / ₄ NE ¹ / ₄ sec.3, T.11 S., R.25 W., G & SRM	44	364	207	35	286	252	158	298	241	108	94	0	2,2,087
Sterling, Paul E. 1 Well SE ¹ / ₄ NE ¹ / ₄ sec.19, T.9 S., R.24 W., G & SRM	387	197	345	240	199	233	253	216	170	147	111	36	2,2,534
Sterling, Paul E. 1 Well NE ¹ / ₄ NE ¹ / ₄ sec.19, T.9 S., R.24 W., G & SRM	0	129	223	170	132	158	178	142	121	104	76	25	2,1,458

See footnotes on Sheet 7

May 15, 1968

**DIVERSIONS FROM MAINSTREAM, AVAILABLE RETURN FLOW,
AND CONSUMPTIVE USE OF SURFACE WATER
CALENDAR YEAR 1967
STATE OF ARIZONA**

V(8)
Supplemental Sheet 7 of 7
Other users pumping from
Colorado River and wells
in flood plain

Water User	(Acres-Feet)												1/Totals
	January	February	March	April	May	June	July	August	September	October	November	December	
Sterling, Paul E. 1 Well NW-SE-1/4 sec. 19, T. 9 S., R. 24 W., G&SRM	57	42	606	230	192	231	228	159	146	121	82	26	2,120
Subtotals - Imperial Dam to Boundary	1,631	1,752	2,998	2,120	2,471	3,049	2,949	2,565	1,596	1,454	1,154	700	2/24,133
	537	722	851	820	1,062	1,013	1,104	1,164	826	883	536	262	5/ 9,780
TOTAL - ARIZONA	3,653	5,259	8,675	8,150	8,804	11,776	12,037	10,206	7,521	6,251	4,497	2,117	88,946

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

2/ Calculated from monthly power records and discharge measurements.

3/ Total of items for which monthly distribution is shown.

4/ Total of items for which monthly distribution is not shown. Distributed according to monthly distribution of diversions of Colorado River Indian Reservation and Palo Verde Irrigation District.

5/ Total of items for which monthly distribution is not shown. Distributed according to monthly distribution of diversions to Valley Division of Yuma Project.

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

V(B)

CALENDAR YEAR 1967
STATE OF CALIFORNIA

Sheet 1 of 2
Final Records
(Acres-Feet)

Water User	January	February	March	April	May	June	July	August	September	October	November	December	Totals
City of Needles	90	109	142	146	257	282	493	805	394	269	149	94	3,230
4 wells located in NW 1/4 of SW 1/4 of Sec. 29, T.9N., R.23E, S.8M	24	37	40	46	58	80	71	71	86	77	46	25	661
Consumptive Use	66	72	102	100	199	202	422	734	308	192	103	59	2,569
Metropolitan Water District of Southern California (Diversion from Lake Havasu)	105,239	88,851	79,701	89,372	96,583	99,547	104,862	108,196	103,966	96,660	102,570	46,966	1,122,633 1/2
Palo Verde Irrigation District (Diversion at Palo Verde Diversion Dam)	31,390	64,500	74,290	76,200	88,800	96,300	109,100	91,910	74,360	54,620	40,400	28,260	830,150
Return	25,890	27,500	39,250	37,260	41,860	42,620	49,150	50,470	46,130	40,060	35,180	31,280	466,670
Consumptive Use	5,500	37,000	35,040	38,940	46,940	53,680	59,950	41,440	28,230	14,560	5,220	-3,000	363,480
City of Blythe (10 wells located in Sections 29, 32 & 33, T.6S., R.23E, S.8M)	107	126	156	154	353	316	463	506	368	293	163	150	3,115 1/2
Return	-	-	-	-	-	-	-	-	-	-	-	-	-
Consumptive Use	-	-	-	-	-	-	-	-	-	-	-	-	-
East Blythe County Water District (1 well NE 1/4 SW 1/4, Sec. 33 T.6S., R.23E S.8M)	15	15	19	18	25	31	43	37	38	26	20	16	303
1 well NE 1/4 SW 1/4, Sec. 33 T.6S., R.23E S.8M	-	-	-	-	-	-	-	-	-	-	-	-	-
Pumped from wells for domestic use	-	-	-	-	-	-	-	-	-	-	-	-	-
Return	-	-	-	-	-	-	-	-	-	-	-	-	-
Consumptive Use	-	-	-	-	-	-	-	-	-	-	-	-	-
Yuma Project Reservation Division (Indian Unit)	2,777	4,479	3,952	4,093	4,792	5,129	5,678	5,734	3,535	5,337	2,567	1,010	49,083 2/2
Return	-	-	-	-	-	-	-	-	-	-	-	-	-
Consumptive Use	-	-	-	-	-	-	-	-	-	-	-	-	-
Yuma Project Reservation Division (Bard Unit)	2,652	3,093	3,910	4,320	4,895	5,700	5,181	3,902	1,098	2,835	1,338	936	39,860 2/2
Return	-	-	-	-	-	-	-	-	-	-	-	-	-
Consumptive Use	-	-	-	-	-	-	-	-	-	-	-	-	-
Returns from Yuma Project-Reservation Division Drains	1,680	1,570	2,200	2,310	2,130	2,140	1,860	1,670	1,360	1,730	1,490	1,320	21,480
Imperial Irrigation District (Diversion at Imperial Dam)	160,788	195,171	299,017	267,367	283,762	300,427	326,461	306,163	218,155	246,522	150,397	69,494	2,819,724 1/2
Return	-	-	-	-	-	-	-	-	-	-	-	-	-
Consumptive Use	-	-	-	-	-	-	-	-	-	-	-	-	-
Coachella Valley County Water District (Diversion at Imperial Dam)	25,548	30,993	38,016	36,118	52,288	50,705	55,443	53,252	41,489	34,696	24,090	21,415	464,093 1/2
Return	-	-	-	-	-	-	-	-	-	-	-	-	-
Consumptive Use	-	-	-	-	-	-	-	-	-	-	-	-	-
City of Winterhaven (1 well SE 1/4 NE 1/4, Sec. 27, T.16S., R.22E, S.8M)	-	-	-	-	-	-	-	-	-	-	-	-	3/ 19 1/2
Return	-	-	-	-	-	-	-	-	-	-	-	-	-
Consumptive Use	-	-	-	-	-	-	-	-	-	-	-	-	-

May 15, 1968

DIVERSIONS FROM MAINSTREAM, AVAILABLE RETURNS FLOW,
AND CONSUMPTIVE USE OF SURFACE WATER

V(B)

CALENDAR YEAR 1967
STATE OF CALIFORNIA

Sheet 2 of 2
Final Records
(Acres-Feet)

Water User	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Other Users Pumping from Colorado River and wells in flood plain	1,982	2,934	3,615	4,035	4,797	4,928	5,020	4,780	4,020	3,552	2,321	1,391	43,375
Davis Dam to International Boundary ^{1/2}													
CALIFORNIA TOTALS													
Diversions	390,588	390,271	502,818	481,823	536,522	563,365	612,744	575,285	443,383	444,810	324,115	169,772	5,375,545
Returns	27,594	29,107	41,490	39,636	44,048	44,840	51,081	52,211	47,596	43,867	36,716	32,625	488,811
Consumptive Use	302,994	361,164	461,328	442,187	492,504	518,525	561,663	523,074	395,787	402,943	287,399	137,147	4,886,734

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

^{1/2} No surface returns.

^{2/2} 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.

^{3/2} Monthly distribution not available.
^{4/2} Details on California Supplemental Sheets 1 - 5.

May 15, 1968

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

CALENDAR YEAR 1967
STATE OF CALIFORNIA

V(8)

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

Water User	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Riddle, R. E. 1 Well SE $\frac{1}{4}$ NE $\frac{1}{4}$ EA $\frac{1}{4}$ sec.31, T.11 N., R.22 E., SBM													1,020
Diversion													
Riddle, R. E. 1 Well SE $\frac{1}{4}$ SW $\frac{1}{4}$ EA $\frac{1}{4}$ sec.31, T.11 N., R.22 E., SBM													12
Diversion													
Soto, Amelia 1 Well NE $\frac{1}{4}$ SW $\frac{1}{4}$ EA $\frac{1}{4}$ sec.36, T.11 N., R.22 E., SBM													540
Diversion													
Riddle, R. E. 1 Well SE $\frac{1}{4}$ NE $\frac{1}{4}$ EA $\frac{1}{4}$ sec.36, T.11 N., R.21 E., SBM													540
Diversion													
A.T. & S.F. Railroad (Southern California Gas Co.) 2 Wells SE $\frac{1}{4}$ SE $\frac{1}{4}$ EA $\frac{1}{4}$ sec.29, T.9 N., R.23 E., SBM	10	15	13	14	22	22	27	25	19	18	20	12	217
Diversion													
Southwest Gas Corporation (diversion in Arizona) 1 Well NE $\frac{1}{4}$ NE $\frac{1}{4}$ EA $\frac{1}{4}$ sec.2, T.15 N., R.21 W., G & SBM	1	6	5	5	8	9	10	10	7	7	8	5	218
Diversion													
Ruzichs, Victor S. 1 Well NE $\frac{1}{4}$ SW $\frac{1}{4}$ EA $\frac{1}{4}$ sec.10, T.1 S., R.24 E., SBM	31	25	38	25	43	56	62	46	46	90	35	23	595
Diversion													
Zoff, Graham H. 1 Well SE $\frac{1}{4}$ NE $\frac{1}{4}$ EA $\frac{1}{4}$ sec.9, T.1 S., R.24 E., SBM	2	1	0	1	1	1	1	2	0	0	0	2	11
Diversion													
Zoff, Graham H. 1 Well SE $\frac{1}{4}$ NE $\frac{1}{4}$ EA $\frac{1}{4}$ sec.9, T.1 S., R.24 E., SBM	0	2	4	7	8	6	10	15	16	17	9	2	96
Diversion													

See footnotes on Sheet 6

MAY 15, 1968

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 Supplemental Sheet 2 of 6
 Other users pumping from
 Colorado River and wells
 in flood plain

DIVERSIONS FROM MAINSTREAM, AVAILABLE RESERVE FLOW,
 AND CONSUMPTIVE USE OF SUCH WATER
 CALENDAR YEAR 1967
 STATE OF CALIFORNIA

Water User	(Acres-Feet)												Totals
	January	February	March	April	May	June	July	August	September	October	November	December	
Dameral Mesa Ranch	239	113	192	141	239	259	253	352	312	244	177	184	2,735
1 Well	Diversion												
NE 1/4 SW 1/4 sec. 10, T.1 S., R. 24 E., SEM	5	3	4	3	6	9	11	10	10	14	11	2	175
1 Well	Diversion												
NE 1/4 SW 1/4 sec. 10, T.1 S., R. 24 E., SEM													
1 Well													
SW 1/4 SE 1/4 sec. 10, T.1 S., R. 24 E., SEM													
1 Well													
SE 1/4 SE 1/4 sec. 10, T.1 S., R. 24 E., SEM													
1 Well													
NE 1/4 NE 1/4 sec. 15, T.1 S., R. 24 E., SEM													
Ruzicka, Victor S.													
1 Well													
NE 1/4 NE 1/4 sec. 16, T.1 S., R. 24 E., SEM													
Curtis, S. F.													
1 Pump													
SW 1/4 NE 1/4 sec. 12, T.7 N., R. 22 W., G & SEM													
Swan, James													
1 Well													
NE 1/4 NE 1/4 sec. 14, T.3 S., R. 23 E., SEM													
Eberhart, C. F.													
1 Pump													
SE 1/4 NE 1/4 sec. 14, T.3 S., R. 23 E., SEM													
1 Pump													
SE 1/4 NE 1/4 sec. 13, T.3 S., R. 23 E., SEM													
Cagle and Wilson													
1 Pump													
NE 1/4 NE 1/4 sec. 13, T.3 S., R. 23 E., SEM													
Curtis Ranch													
1 Pump													
NE 1/4 SE 1/4 sec. 25, T.3 S., R. 23 E., SEM													
Harvey, K. E.													
1 Pump													
SE 1/4 SE 1/4 sec. 11, T.4 S., R. 23 E., SEM													
Clark, Robert													
1 Pump													
SE 1/4 NE 1/4 sec. 36, T.4 S., R. 23 E., SEM													

See footnotes on Sheet 6

May 15, 1967

DIVERSIONS FROM MAINSTREAM, AVAILABLE RETURN FLOW,
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1967
STATE OF CALIFORNIA

V(8)
Supplemental Sheet 3 of 6
Other users pumping from
Colorado River and wells
in flood plain

Water User	(Acres-Foot)												
	January	February	March	April	May	June	July	August	September	October	November	December	2/Totals
Wagon Wheel Cattle Co. 1 Pump NE1/4SW1/4 Sec. 6, T.5 S., R.24 E., S8W													2/ 1,536
Wagon Wheel Cattle Co. 2 Pumps NE1/4SW1/4 Sec. 6, T.5 S., R.24 E., S8W													2/ 1,361
Wagon Wheel Cattle Co. 2 Pumps NE1/4SW1/4 Sec. 7, T.5 S., R.24 E., S8W													2/ 1,830
Anderson, Carl 1 Pump SW1/4SW1/4 Sec. 13, T.9 S., R.21 E., S8W													2/ 2,066
Milpitas Cattle Co. 1 Pump NE1/4SW1/4 Sec. 25, T.10 S., R.21 E., S8W													510
Milpitas Cattle Co. 1 Pump SW1/4SW1/4 Sec. 25, T.10 S., R.21 E., S8W													760
Milpitas Cattle Co. 1 Pump SE1/4SW1/4 Sec. 25, T.10 S., R.21 E., S8W													900
Subtotals - Davis Dam to Imperial Dam	291	165	286	196	327	364	404	460	410	390	263	230	6/ 3,756
Cole, D. C. 1 Well NE1/4SW1/4 Sec. 35, T.15 S., R.23 E., S8W	606	1,346	1,662	1,637	1,897	2,062	2,306	2,010	1,550	1,241	866	629	7/ 17,832
O'Neal, W. H. 1 Pump SW1/4SW1/4 Sec. 35, T.15 S., R.23 E., S8W	113	169	288	201	288	467	503	470	274	274	220	100	500
Berryman, Harley 1 Well SW1/4SW1/4 Sec. 2, T.16 S., R.23 E., S8W	30	22	23	61	55	61	65	25	0	0	0	0	4/ 342
Barratt, A. B. 1 Pump SW1/4SW1/4 Sec. 2, T.16 S., R.23 E., S8W													840

**DIVERSIONS FROM MAINSTREAM, AVAILABLE RETURN FLOW,
AND CONSUMPTIVE USE OF SURFACE WATER
CALENDAR YEAR 1967
STATE OF CALIFORNIA**

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

Water User	(Acre-Feet)												December 1/Totals	
	January	February	March	April	May	June	July	August	September	October	November	December		
Primmer, J. W. 1 Pump NE ¹ / ₄ NE ¹ / ₄ sec.15, T.16 S., R.23 E., SEM														1,260
Duke, L. H. 1 Pump SW ¹ / ₄ SE ¹ / ₄ sec.14, T.16 S., R.23 E., SEM														1,399
Mitchell, Hayden 1 Well SE ¹ / ₄ SE ¹ / ₄ sec.22, T.16 S., R.23 E., SEM	2	13	53	22	55	78	55	40	15	16	46	0	0	1,300
Lewis, Joe C. 1 Well NW ¹ / ₄ NE ¹ / ₄ sec.29, T.16 S., R.22 E., SEM	41	5	16	43	0	0	55	62	39	39	0	0	0	1,470
Perez, Filberto 1 Well NE ¹ / ₄ SE ¹ / ₄ sec.6, T.6 S., R.22 W., G & SRM														1,200
Barrett, A. B. 1 Well SE ¹ / ₄ NE ¹ / ₄ sec.6, T.6 S., R.22 W., G & SRM														1,685
Spencer, M. E. 1 Well NE ¹ / ₄ SW ¹ / ₄ sec.9, T.16 S., R.23 E., SEM	80	22	74	82	61	136	95	74	93	9	57	52	0	1,142
Coley, Marvin 1 Well SE ¹ / ₄ SE ¹ / ₄ sec.18, T.16 S., R.23 E., SEM	0	28	30	52	32	0	0	0	0	0	0	0	0	1,190
Wright, Roland 1 Pump NE ¹ / ₄ NE ¹ / ₄ sec.1, T.6 S., R.23 W., G & SRM	0	0	0	31	13	40	53	31	22	0	0	0	0	1,331
Wright, Roland 1 Pump NE ¹ / ₄ NE ¹ / ₄ sec.1, T.6 S., R.23 W., G & SRM	0	95	105	166	150	177	136	209	105	91	95	0	0	1,530
Stuffer, F. 1 Pump SE ¹ / ₄ NE ¹ / ₄ sec.2, T.6 S., R.23 W., G & SRM	42	33	0	53	57	118	3	0	72	118	34	0	0	1,376
Taylor, J. T. 1 Well NE ¹ / ₄ SE ¹ / ₄ sec.2, T.6 S., R.23 W., G & SRM	36	108	106	215	126	20	50	197	241	265	10	0	0	

See footnotes on Sheet 6

May 15, 1968

**DIVERSIONS FROM MAINSTREAM, AVAILABLE RETURN FLOW,
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1967
STATE OF CALIFORNIA**

V(8)

Supplemental Sheet 5 of 6
Other users pumping from
Colorado River and wells
in flood plain

Water User	(Acres-Feet)												1/Totals	
	January	February	March	April	May	June	July	August	September	October	November	December		
Wilson, Woody 1 Well NE 1/4 sec. 12, T. 8 S., R. 23 W., G & SRM														1,080
Easterday, Anne 1 Well SW 1/4 sec. 1, T. 8 S., R. 23 W., G & SRM														960
Dees, John F. 1 Well SE 1/4 sec. 1, T. 8 S., R. 23 W., G & SRM														900
Evans, Essie 1 Well SE 1/4 sec. 12, T. 8 S., R. 23 W., G & SRM														1,110
Harp, Earl 1 Well SW 1/4 sec. 12, T. 8 S., R. 23 W., G & SRM														1,235
Easterday, Kenneth 1 Well NW 1/4 sec. 12, T. 8 S., R. 23 W., G & SRM	4	76	35	184	235	247	115	6	10	91	92	150	150	1,560
Smith, Ferrin 1 Well NE 1/4 sec. 11, T. 8 S., R. 23 W., G & SRM														1,712
Burgess, John 1 Well NE 1/4 sec. 19, T. 16 S., R. 23 E., SRM	65	27	57	46	86	50	92	126	73	81	8	1	1	4,324
Hutchinson, John E. 1 Pump SE 1/4 sec. 27, T. 16 S., R. 22 E., SRM	2	0	21	96	72	73	39	17	4	0	0	0	0	4,895
Layton Farms 1 Pump SW 1/4 sec. 29, T. 16 S., R. 22 E., SRM	106	86	105	118	126	72	101	41	9	1	126	0	0	120

DIVERSIONS FROM MAINSTREAM, AVAILABLE RETURN FLOW,
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1967
STATE OF CALIFORNIA

V(8)
Supplemental Sheet 6 of 6
Other users pumping from
Colorado River and wells
in flood plain

Water User	(Acres-Feet)												
	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Buntir, W. W. 1 Pump SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 29, T.16 S., R. 22 E., S8W	0	0	0	0	169	156	62	18	347	98	96	0	1,686
Subtotals - Imperial Dam to Boundary	410	515	527	1,171	1,237	1,226	921	846	1,020	811	496	203	6,467
	675	908	1,070	1,031	1,336	1,274	1,359	1,464	1,040	1,110	674	329	12,300
TOTAL - CALIFORNIA	1,982	2,933	3,615	4,035	4,797	4,928	5,020	4,780	4,020	3,592	2,321	1,321	43,375

1/ Calculated by assuming an annual diversion of 6 acre-feet per irrigated acre unless otherwise noted.
2/ Record furnished by diverter.
3/ Distributed according to monthly distribution of A.T. & S.F. Railroad (Southern California Gas Co.)
Item 6, sheet 1 of 6.
4/ Calculated from monthly power records and discharge measurements.
5/ Records of monthly power not available, calculated from yearly total power record.
6/ Total of items for which monthly distribution is shown.
7/ Total of items for which monthly distribution is not shown. Distributed according to monthly distribution of diversions of Colorado River Indian Reservation and Palo Verde Irrigation District.
8/ Total of items for which monthly distribution is not shown. Distributed according to monthly distribution of diversions to Valley Division of Yuma Project.

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

V(B)

CALENDAR YEAR 1967

Sheet 1 of 2
Final Records
(Acre-feet)

STATE OF NEVADA

Water User	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Boulder City	87	110	259	269	417	354	368	321	253	221	137	83	2,879 1/2
(Diversion at Hoover Dam)													
Lake Mead National Recreation Area (Diversion from Lake Mead)	22	23	36	39	56	65	76	70	57	51	35	21	593
(Diversion from Lake Mohave)													2/5 1/2
Basic Management Inc. (Diversion at Saddle Island, Lake Mead)	1,890	1,184	1,399	1,368	1,661	1,803	1,925	2,073	1,746	1,605	1,366	1,370	18,830 3/4
Las Vegas Valley Water District (Diversion at Saddle Island, Lake Mead) 4/	0	0	0	0	120	822	1,662	1,172	811	0	0	0	4,607 3/4
Fiberboard Paper Products Co. (Diversion at Cypsum Wash)	12	13	15	16	21	24	23	26	26	20	17	14	231 1/2
Southern California Edison Co. 1 Portable pump-Sec. 24, T. 32 S., R. 66 E., MDB&M						4	5	5	5	5	5	5	34 1/2
Subtotal-Records of monthly distribution available	1,411	1,330	1,709	1,714	2,297	3,072	4,079	3,667	2,900	1,902	1,560	1,492	27,134
Armin T. Wiebke 1 Pump-All except W500' and E630' of Lot 1, Sec. 33, T. 23 S., R. 66 E., MDB&M													5/ 0 1/2
Warren E. Portenier 1 Pump-W 1/2 Lot 1, Sec. 33, T. 32 S., R. 66 E., MDB&M													5/ 36 1/2
John C. Welles 1 Pump-E 1/2 Lot 2, Sec. 33, T. 32 S., R. 66 E., MDB&M													5/ 7 1/2
Milton E. Cavanagh 1 Pump-W 1/2 Lot 2, Sec. 33, T. 32 S., R. 66 E., MDB&M													5/ 8 1/2

MAY 15, 1968

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

V(B)

CALENDAR YEAR 1967

Sheet 2 of 2
Final Records
(Acre-Feet)

STATE OF NEVADA

Water User	January	February	March	April	MAY	June	July	August	September	October	November	December	Totals
NEVADA TOTALS													27,190
Diversion													
Return													
Consumptive Use													

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

- 1/ No surface returns.
- 2/ Divisions too small to tabulate monthly - not included in subtotal.
- 3/ Portions of return flow in Las Vegas Wash attributable to Basic Management Inc., and to Las Vegas Valley Water District are not assigned.
- 4/ Delivered through the facilities of Basic Management Inc., and metered at Booster Pump No. 2.
- 5/ Reported annually.

May 15, 1968

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

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CALENDAR YEAR 1967

May 15, 1968

May 15, 1968

The enclosed tabulations for Calendar Year 1967 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
AND

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

STATE OF ARIZONA

V(C)

CALENDAR YEAR 1967

(Acres-Feet)

Water User	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Colorado River Indian Reservation	1,468	34	240	405	154	144	601	924	125	420	689	6,096	
(Diversion at Headgate Rock Dam)	0	0	0	0	0	0	0	0	0	0	0	0	0
Delivered to Mexico	593	8	141	214	147	127	113	252	50	101	230	2,057	
Diverted by Others	-	-	-	-	-	-	-	-	-	-	-	-	-
Yuma Proving Ground, U.S. Army 1/2	-	-	-	-	-	-	-	-	-	-	-	-	-
(Diversion at Imperial Dam)	-	-	-	-	-	-	-	-	-	-	-	-	-
North Gila Valley Irrigation District	547	579	409	954	924	1,010	1,251	976	908	968	827	833	10,218
(Diversion at Imperial Dam)	0	0	0	0	0	0	0	0	0	0	0	0	0
Delivered to Mexico	184	121	10	486	244	552	448	425	240	303	307	103	3,423
Diverted by Others	1,603	1,021	2,247	1,577	960	1,265	2,414	1,527	6,073	1,924	1,561	4,068	26,560
Mellon-Kobayak Irrigation and Drainage District	706	299	270	666	468	851	986	448	980	899	246	559	7,298
(Diversion at Imperial Dam)	542	744	404	418	298	542	667	500	539	220	302	143	5,419
Yuma Irrigation District	248	109	51	137	133	121	240	155	218	67	54	10	1,543
(Diversion at Imperial Dam)	2,079	565	737	1,127	601	567	510	549	4,518	1,747	1,311	1,930	16,261
Delivered to Mexico	1,036	127	113	411	335	414	238	137	946	843	319	577	5,486
Diverted by Others	313	109	218	106	323	282	127	57	942	383	244	315	3,419
Yuma Mesa Irrigation and Drainage District	67	24	34	27	208	175	121	0	246	127	75	69	1,193
(Diversion at Imperial Dam)	273	214	240	153	647	0	92	228	322	145	157	201	2,672
Delivered to Mexico	101	83	57	72	165	0	32	45	91	40	23	118	827
Diverted by Others	749	1,078	2,297	2,276	542	2,097	1,095	839	7,007	1,296	5,400	2,166	26,818
Yuma County Water Users' Association	278	417	543	1,070	138	1,229	378	167	1,985	360	776	1,272	8,613
(Diversion at Imperial Dam)	11	11	36	21	1	21	9	8	46	3	14	37	228
Cocopah Indian Reservation	4	4	9	10	0	12	3	2	13	1	2	22	82
(Diversion at Imperial Dam)	7,925	4,375	6,830	7,037	4,748	6,258	6,309	5,465	21,279	6,801	10,296	10,342	97,615
Delivered to Mexico	3,237	1,192	1,228	3,113	1,838	3,435	2,513	1,492	4,971	2,650	1,903	2,960	30,532
Diverted by Others													
ARIZONA TOTALS													

1/ No orders received

May 15, 1968

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

V(C)

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

CALENDAR YEAR 1967

STATE OF CALIFORNIA

Water User	(Acre-Feet)												Totals		
	January	February	March	April	May	June	July	August	September	October	November	December			
Metropolitan Water District (Diversion from Lake Havasu)	0	0	0	0	0	0	0	0	1,074	0	2,180	0	0	0	3,214
Palo Verde Irrigation District (Diversion at Palo Verde Diversion Dam)	1,606	2,023	2,690	1,250	2,648	740	867	5,018	4,609	1,833	2,101	1,501	0	0	26,886
Yuma Project Reservation Division Bard Unit (Diversion at Imperial Dam)	99	309	30	0	117	26	183	208	1,170	189	78	37	0	0	2,446
Yuma Project Reservation Division Indian Unit (Diversion at Imperial Dam)	469	149	218	164	414	467	586	403	322	123	514	417	0	0	4,246
Yuma Project Reservation Division Indian Unit (Diversion at Imperial Dam)	335	82	50	142	351	250	337	157	72	83	135	301	0	0	2,295
Imperial Irrigation District (Diversion at Imperial Dam)	487	216	220	155	405	419	642	591	1,035	369	987	449	0	0	5,275
Imperial Irrigation District (Diversion at Imperial Dam)	349	120	51	134	343	224	369	230	232	248	260	324	0	0	2,884
Coachella Valley County Water District (Diversion at Imperial Dam)	2,426	0	0	1,190	0	0	0	0	16,042	0	6,304	6,158	0	0	32,120
Coachella Valley County Water District (Diversion at Imperial Dam)	508	0	0	105	0	0	0	0	6	0	0	331	0	0	950
Coachella Valley County Water District (Diversion at Imperial Dam)	1,388	0	0	0	0	0	0	0	0	0	0	0	0	0	1,388
Coachella Valley County Water District (Diversion at Imperial Dam)	172	0	0	0	0	0	0	0	0	0	0	0	0	0	172
CALIFORNIA TOTALS	6,376	2,388	3,128	2,759	3,467	1,626	2,095	6,012	23,042	2,325	12,066	8,325	0	0	73,829
	1,463	511	131	381	811	500	889	595	1,480	520	473	993	0	0	8,747

May 15, 1968

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

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CALENDAR YEAR 1967

May 15, 1968

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

V(D)

CALENDAR YEAR 1967

Final Records
(Acry-Fgft)

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Deliveries to Mexico in Satisfaction of Treaty	102,960	69,176	162,410	160,768	100,528	156,467	182,409	202,677	112,558	55,370	53,584	81,071	1,500,000
Passing to Mexico in Excess of Treaty Requirements	- 2,821	5,681	419	758	796	-26,530	204	134	24,634	18,360	25,594	11,746	1,58,977

1/ Reflects returns of 13,782 acre-feet in January and 26,753 acre-feet in June as repayment for 40,535 acre-feet which had been loaned to Mexico in 1966 in excess of Treaty requirements in accord with Executive Agreement.

May 15, 1968

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

DATED MARCH 9, 1964

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CALENDAR YEAR 1967

May 15, 1968

V(E)

DIVERSIONS OF WATER FROM MAINSTREAM OF GILA AND SAN FRANCISCO RIVERS
 AND
 CONSUMPTIVE USE OF SUCH WATER FOR BENEFIT OF THE GILA NATIONAL FOREST
 CALENDAR YEAR 1967

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Gila River													
Diversions													1/ 820
Consumptive Use													2/ 820
San Francisco River													
Diversions													1/ 92
Consumptive Use													2/ 92

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

1/ Records of monthly distribution not available.
 2/ No surface returns.

May 15, 1968