UNITED STATES DEPARTMENT OF THE INTERIOR James G. Watt, Secretary

BUREAU OF RECLAMATION Robert N. Broadbent, Commissioner

LOWER COLORADO REGION N. W. Plummer, 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 1980

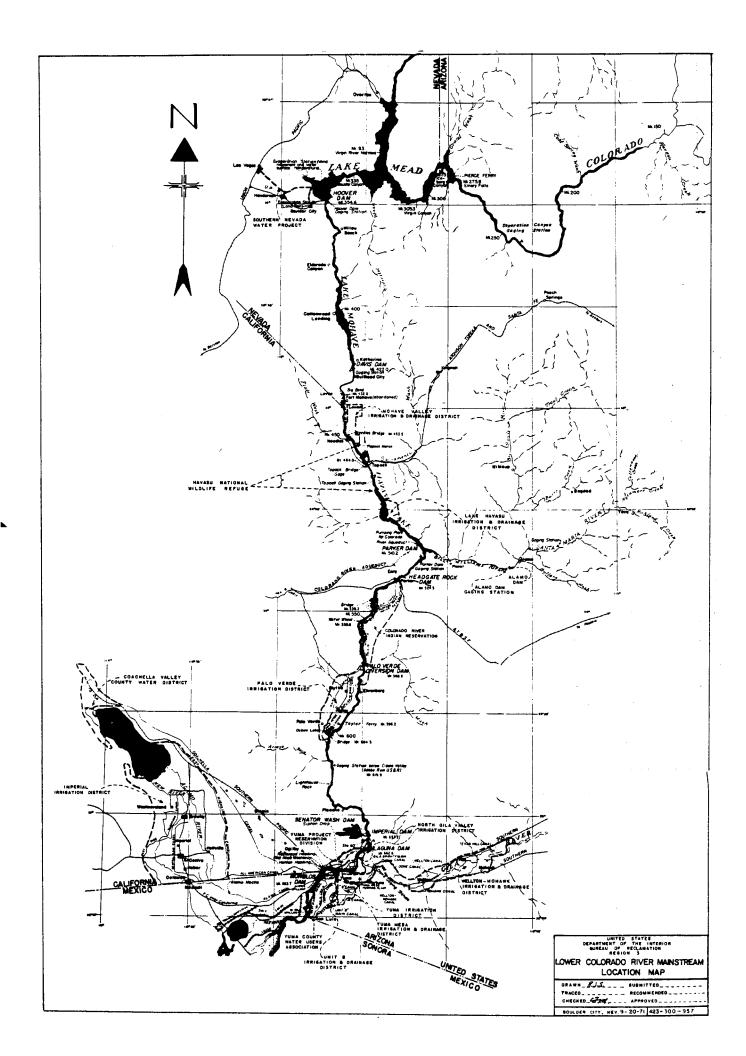
Division of Water and Land Operations Boulder City, Nevada

December 10, 1981

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Location Map (Drawing No. 423-300-957) Frontispiece V(A) Releases of Water Through Regulatory Structures .. 1 Controlled by the United States 3 V(B) Mainstream Diversions, Return Flows, and Consumptive Use 4 Arizona 7 Other Arizona Users 11 California 15 Other California Users 17 Nevada 20 Revision 1979 Nevada 22 V(C) Water Ordered but not Diverted 23 Arizona 26 California 29 V(D) Deliveries of Water to Mexico 31 V(E) Diversions and Use for Gila National Forest 33

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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 1980

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The following tabulations for calendar year 1980 show final records of releases of water through regulatory structures controlled by the United States. At Hoover, Davis, Parker, Palo Verde, Imperial, and Laguna Dams, the records are furnished by the 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.

RELEASE OF WATER THROUGH REGULATORY STRUCTURES CONTROLLED BY THE UNITED STATES

CALENDAR YEAR 1980

(ACRE - FEET)

WATER USER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Hoover Dam	471,500	267,800	929,600	1,129,000	1,260,000	1,057,000	1,190,000	1,194,000	879,000	986,900	836,800	885,200	11,090,000
Davis Dan	360,000	346,000	982,000	1,246,000	1,052,000	1,239,000	1,220,000	1,230,000	997,7 00	930 ,70 0	847,900	799,000	11,250,000
Parker Dam	304,100	386,500 1	L,056,000	1,121,000	964,000	1,145,000	1,247,000	1,164,000	981,600	879,300	760,100	714,700	10,720,000
Headgate Rock Dam 1/	300 ,70 0	369,900 1	1,010,000	1,051,000	911 ,80 0	1,071,000	1,155,000	1,078,000	911,900	840,900	73 9,200	688,900	10,130,000
Palo Verde Dam 2/	274,900	310,700	855,100	906,300	769,000	901,200	972,500	9 13,00 0	798,800	752,700	678,000	624,300	8,756,000
Imperial Dam 3/	23,46 0	24,200	62,950	101,800	82,930	9 7, 380	130,000	92,240	82 ,7 80	80,530	102,20 0	143,300	1,024,000
Laguna Dam	24,320	26 ,31 0	61,500	99 ,7 30	83,180	96,020	126,800	96 ,7 60	83,900	82,060	108,40 0	143,400	1,032,000

 $\frac{1}{2}$ Colorado River below Parker Dam less diversions at Headgate Rock Dam. $\frac{2}{3}$ Measured through gates at Palo Verde Dam. $\frac{3}{2}$ Includes diversion to Mittry Lake.

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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 1980

The following tabulations for calendar year 1980 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 the Geological Survey, International Boundary and Water Commission, Bureau of Indian Affairs, Bureau of Reclamation, National Park Service, Fish and Wildlife 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 by permittees quantities of water pumped 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 1980 was made by two basic methods: (1) For most electric pumps, diversion was computed on a monthly basis from power records and a "kWh per acre-foot factor" that was determined by discharge measurement; (2) For pumps other than electric, a factor of 6 acre-feet per irrigated acre per year was used. Irrigated acres were determined by field inventory during the year made with the aid of aerial photographs and orthophotomaps which were taken during May - August 1976.

There are undetermined amounts of unmeasured return flow reaching the Colorado River by means of underground flow from aquifers underlying water user areas. A Task Force on Ground-Water Return Flows to the Lower Colorado River, consisting of State and Federal members, was organized during 1970 to provide advice and guidance to the Bureau of Reclamation and the Geological Survey which are jointly conducting a program to determine the location and amounts of such unmeasured return flows. These studies to determine unmeasured return flows are continuing, and when quantities are determined such amounts are anticipated to be credited to the affected users and States in making the consumptive use computations.

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW AND CONSUMPTIVE USE OF SUCH WATER CALENDAR YEAR 1980

(ACRE - FEET) Sheet 1 of 4

WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER C	ECEMBER	TOTALS
Lake Mead National Recreation Area														
Diversion from Lake Mohave	Diversion	6	6	9	17	21	27	33	40	28	22	12	9	23
	Return Consumptive Use													
	consumptive use													
Davis Dam and Government Camp														
Diversion at Davis Dam	Diversion	7	7	10	19	23	29	35	43	31	24	13	10	25
	Return													
	Consumptive Use													
Mohave Water Conservation District														
Pumped from wells	Diversion	2	2	2	3	3	5	4	5	5	4	3	3	4
	Return				-	-	-					-	-	
	Consumptive Use													
Mohave Valley Irrigation and Drainage														
District pumped from wells and Inlet	Diversion	495	669	1,677	3,323	3,138	3,391	4,295	4,061	2,664	1,451	940	654	26,75
channel to Havasu National Wildlife	Return		/	-,	5,5-5	5,-5-	3,37-		· ,	-,	-,			, , ,
Refuge	Consumptive Use													
Fort Mohave Indian Reservation														
Pumped from river and wells in	Diversion	00	350	1,027	1,654	1,039	1,817	2,182	2,086	1,345	686	· 0	284	12,56
flood plain	Return			-,	-,•,	-,055	1,011	-,	2,000	-,5.7	000	Ū	201	
	Consumptive Use													
Havasu National Wildlife Refuge														
Pump from well	Diversion	1	2	5	10	10	10	13	13	8	հ	3	2	81
Inlet-NWUNELNWU, Sec. 33, T. 9 N.,	Diversion	916	1,186	4,863	3,549	4,389	4,958	4,280	7,122	4,149	1,737	1,584	882	39,61
R. 22 W., G&SRM	Return	0	0	C	0	Ó	e	0	0	Ő	0	0	0	(
	Consumptive Use	917	1,188	4,868	3,559	4,399	4,968	4,293	7,135	4,157	1,741	1,587	884	39,696
Lake Havasu Irrigation and Drainage														
District pumped from wells	Diversion	39	371	501	675	849	959	1,080	1,132	962	868	657	530	8,982
	Return			-		-			-,- <u>-</u>	y			201	
	Consumptive Use													
Graham Water Utilities, Inc.														
pumped from wells	Diversion	6	6	7	8	10	11	14	14	12	10	9	7	111
	Return										-			
	Consumptive Use													
Holiday Harbor Utilities, Inc.														
Pumped from wells	Diversion	1	1	1	2	3	2	4	կ	4	٦	1	1	2'
-	Return	-	-	-	-	5	-	•			J	-	-	
	Consumptive Use													

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STATE OF ARIZONA

DIVERSIONS FROM MAINSTREAM -- AVAILABLE RETURN FLOW AND CONSUMPTIVE USE OF SUCH WATER Calendar year ¹⁹⁸⁰

STATE OF ARIZONA

(ACRE · FEET) Sheet 2 of 4

WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Town of Parker 1 well - $Nw_1^1Nw_1^1$, Sec. 7, T. 9 N., R. 19 W., G&SFM	Diversion Return Consumptive Use	45	40	48	68	99	123	154	148	106	98	64	52	1,045
Colorado River Indian Reservation Diversion at Headgate Rock Dam Pumped from 2 wells in Parker SWANDASS, Sec. 2, T. 9. N., R. 21 W.,	Diversion Diversion	3 ,392 9		45,83 9 9	69,883 9	52,140 9	74,03 4 9	91,876 10	85,893 10	69,686 9	38 ,42 0 9	20,886 9	25 ,7 56 9	594,389 110
G&SRM 1 well in Poston NW ¹ ₂ , Sec. 36, T. 8 N., R. 21 W., G&SRM	Diversion	1	1	2	2	2	2	2	2	2	2	2	1	21
3 pumps 3 SW15W1NB1, Sec. 14, T. 5 N., R. 22 W., G&SNM	Diversion 2/	12	60	165	251	188	266	330	310	250	138	75	93	2,138
3 pumps NECTIONANT, Sec. 14, T. 4 N., R. 22 W. Gassiw	Diversion 2/	62	304	841	1,282	956	1,358	1,685	1,575	1,278	705	382	472	10,900
1 well Hatch Center	Diversion Return Consumptive Use	15 12,382 -8,891	11,624	16 17,690 29,182	16 23,401 48,042	16 24 ,24 2 29 ,06 9	16 24,488 51,197	' 16 27 ,56 0 66 ,3 59	16 29,498 58,308	16 28,207 43,034	16 24,795 14,495	16 18,404 2,966	15 16,755 9,591	189 259,046 348,701
Cibola National Wildlife Refuge Inlet Cibola Lake 3 pumps	Diversion Diversion	907 699	317 559	1,891 296	1,219 849	2 26 1,211	454 763	453 1,050	398 1,151	210 1,323	151 955	67 388	169 398	6,462 9,642
Outlet Cibola Lake	Return Consumptive Use	0 1,606		0 2,187	97 1,971	0 1,437	0 1,217	0 1,503	0 1,549	95 1,438	0 1,106	0 455	0 567	192 15,912
Arizona Fish & Game Pump <u>1 pump</u> NWGNWG SWG, Sec. 1, T. 2 S., R. 24 W., G&SRM	Diversion Return Consumptive Use	143	115	61	174	249	156	216	236	272	196	80	. 82	1,980 1
Imperial National Wildlife Refuge 2 wells NWANWANNA, Sec. 13, T. 5 S., R. 22 W., G&STM SWANGASWA, Sec. 13, T. 5 S., R. 22 W., G&STM	Diversion Return Consumptive Use													337
uma Proving Ground Diversion at Imperial Dam	Diversion Return Consumptive Use	0	0	2	3	0	0	5	0	3	٥	0	1	14

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DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW AND CONSUMPTIVE USE OF SUCH WATER CALENDAR YEAR 1980

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STATE OF ARIZONA

(ACRE · FEET) Sheet 3 of 4

V(B)

ATER USER	- · · ·	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
North Gila Valley Irrigation District		0-			4,242	(3,585	4,924	4,523	4,213	4,359	4,051	2,195	43,055
Diversion at Imperial Dam	Diversion Return	2,087 510	2,717 429	3,043 419	4,242	3,116 665	3,505	4,924	4,523 975	4,213 927	1,146	1,135		9,392
	Consumptive Use	1,577	2,288	2,624	3,604	2,451	2,937	3,971	3,548	3,286	3,213	2,916		33,663
	• • •		•		- ,									
Warren Act Contractors Diversion at Immerial Dam	Diversion	21	22	261	41	43	46	23	34	145	177	0	0	813
Diversion at imperiar bam	Return	21		201		.5		25	5.		-,,			
	Consumptive Use													
Wellton-Mohawk Irrigation and Drainage														
District	Diversion	0.022	22,843	27,510	31,922	28,775	35,300	47,054	45,119	34,588	21,397	19,207	17,518	341,166
Diversion at Imperial Dam	Return	9,933 17,643	15,092		16,362	16,967	16,005	14,785	16,382	14,989	16,638	15,249		192,695
	Consumptive Use	-7,710	7,751		15,560	11,788	19,295	32,269	28,737	19,599	4,759	3,958		148,471
Yuma Irrigation District														
Diversion at Imperial Dam	Diversion	3,319	4,036	5,101	6,431	5,503	5,896	8,573	7,747	5,629	3,678	3,781		62,739
Pumped from private wells	Diversion	677	653	765	1,179	1,148	1,432	2,298	1,604	1,761	867	744	726	13,854
	Return													1
· ·	Consumptive Use													
Yuma Mesa Irrigation and Drainage District							1 -1		/		16 00	13,642	0.101	000 050
Diversion at Imperial Dam	Diversion Return	9 ,99 8	7,443	15,397	20,671	24,028	27,454	32,986	31,196	22,510	16,924	13,642	8,101	230,350
	Consumptive Use													
Unit "B" Irrigation and Drainage District	Diversion	1,621	1,084	2,418	3,168	3,282	3,893	4.837	4,664	3,622	3,060	1,961	1,912	35 522
Diversion at Imperial Dam	Return	1,021	1,004	2,410	5,100	3,202	2,093	4,037	4,004	5,022	3,000	1,901	1,910	35,522
	Consumptive Use													
Returns from South Gila Valley	Return	5,119	6,156	6,281	5,860	6,190	5,866	6,236	6,136	5,447	5,135	4,401	4,415	67,242
•														
City of Yuma Diversion at Imperial	Diversion	760	739	917	1,155	1,271	1,388	1,645	1,695	1,443	1,319	862	967	14,161
Diversion at imperiat	Return	545	505	520	417	440	427	431	436	442	441	411		5,455
	Consumptive Use	215	234	397	738	831	961	1,214	1,259	1,001	878	451	527	8,706
Yuma County Water Users Association														
Diversion at Imperial Dam	Diversion	17,019	16,887	25,603	31,284	25,113	33,333	39,453	34,256	25,096		12,414		292,887
Pumped from wells	Diversion	739	592	657	591	714	562	706	657	778	800	606		8,010 101,392
	Return	6,869	6,346	8,052	8,558	9,051	9,172 24,723	9,290 30,869	9,858 25,055	8,862 17,012	8,796 11,328	8,662 4,358	5,837	199,505
	Consumptive Use	10,889	11,133	18,208	23,317	16,776	24,723	30,009	27,037	1,012	0غر وببد	-,500	2,001	-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
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DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW AND CONSUMPTIVE USE OF SUCH WATER CALENDAR YEAR 1980

STATE OF ARIZONA

(ACRE - FEET) Sheet 4 of 4

												IACK	C · FEE () D	neet 4 of 4
WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Cocopah Indian Reservation Diversion at Imperial Dam Pumped from wells	Diversion Diversion Return Consumptive Use	7 0	0	183 5	20 0	157 5	93 2	200 4	193 4	73 2	20 1	86 4	188 9	1,220 36 <u>1</u> /
Projected and Regulatory Pumping Unit	Return	0	0	O	7	668	968	176	0	0	0	0	0	1,819 8/
Yuma Mesa Outlet Drain	Return	2,430	1,678	2,087	1,954	1,573	1,337	1,164	1,553	1,896	1,740	1,894	2,118	21,424 <u>8</u> /
Other Users guapha from Colorado River and wells in flood plain Davis Dam to International Boundary	Diversion <u>9</u> /	3,421	3,704	3,985	7,300	6,928	6,573	8,109	9,063	7,302	6,043	3,492	2,686	68,606
Arizona Totals	Diversion Return Consumptive Use	56,818 45,498 11,320	41,830		191,020 57,294 133,726	164,664 59,816 104,848	207,947 58,911 149,036	258,549 60,595 197,954	245,014 64,838 180,176	189,525 60,865 128,660	123,467 58,690 64,777	86,041 50,156 35,885	80,491 49,168 31,323	1,828,314 <u>12</u> 658,657 1,169,657 <u>12</u>

NOTE: The term "Consumptive Use" in this tabulation means measured diversions including underground pumping, less measured return flow and less current estimated unmeasured return flow to the river. 1/No surface returns.

 $\overline{2}$ /Calculated from monthly power records.

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3/This figure may include some Gila River water. No effort has been made in this or past reports to segregate the Gila River component from the Colorado River component in the Wellton-Mohawk drainage as no methodology has yet been developed therefor. Such an effort will be made in future years, as deemed appropriate, since Wellton-Mohawk is not entitled to return flow credit for Gila River water. This figure includes 154,630 acre-feet of Wellton-Mohawk drainage delivered to Mexico in excess of minimum Treaty requirements pursuant to provisions of Minute No. 242.
4/Pumped from underground and unassigned to district as returns include quantities of drainage from Yuma Mesa as well from South Gila Valley.

5/Includes deliveries to the following water users who have contracts with the United States.

- 1	Jincludes deliveries to the lollowing water users who have	contracts with the United States.	
	Contractor	Point of Delivery	Annual Delivery (acre-feet)
	City of Yuma	B3.7 Lateral	11
	Desert Lawn Memorial	B3.7 Lateral	185
	Southern Pacific Company	B3.7 Lateral	14
	Southern Pacific Company	After bay of Yuma Mesa Pumping Plant	46
	Yuma Mesa Fruit Growers Association	B3.7 W. Lateral	12
	County of Yuma, Arizona	B3.8 Lateral	12
	Marine Corps Air Station, Department of the Navy	B Canal and B-5.5 W. Lateral	1,715
	TOTAL		$\frac{1,715}{1,995}$
	6/Includes deliveries to the following water users who have	contracts with the United States.	
	University of Arizona	B Main Canal	945
	Camille Alec, Jr.	B-8 Lateral	97
Í	7/Includes deliveries to the following water users who have	contracts with the United States.	
	Yuma Union High School District	Yuma Main Canal	258
	City of Yuma - Smucker Park	Yuma Main Canal	77
	8/Returns include unknown quantities of drainage returns fro	m 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 1-4.		
	10/Monthly distribution not available, distributed according	to monthly distribution of other users in immedi	ate area.
	11/Monthly distribution not available.	•	

🗵/The total is 337 acre-feet greater than the sum of nonavailable monthly distribution of diversion by Imperial National Wildlife Refuge.

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW AND CONSUMPTIVE USE OF SUCH WATER CALENDAR YEAR 1980

(ACRE · FEET) Sheet 1 of 4

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WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS 1
Wayne Burgess 2 pumps, 1 well SWtSEtSWt, Sec. 34, T. 4 N., R. 22 W., C&SRM	Diversion	18	37	197	136	674	174	585	718	453	428	175	5	3,600 <u>2</u>
Arkelian Farmas 2 pumps SEtNWtSEt, Sec. 16, T. 1 N., R. 23 W., G&SEM	Diversion													2,526
Sprawl (A. Towery) l pump SEtSWthWt, Sec. 21, T. 1 N., R. 23 W., G&SEM	Diversion													3,180
Cibola Valley Irrigation & Drainage Dist. 3 pumps SEMSELNEL, Sec. 20, T. 1 N., R. 23 W., CASIM	Diversion	1,365	1,092	578	1,660	2,367	1,489	2,052	2,250	2,587	1,870	758	778	18,846 <u>2</u>
Swan, Ron 2 pumps SWANWANE, Sec. 2, T. 15 N., R. 24 W., G&SRM	Diversion													240
Bishop, Louis 2 pumps NWLSWLSW, Sec. 31, T. 1 S., R. 23 W., G&SRM	Diversion													960
BIM Permittees Davis Dam to Imperial Dam	Diversion													75
Subtotals - Davis Dam to Imperial Dam	Diversion $\frac{3}{4}$	1,383 430	1,129 351	7 75 241	1,796 559	3,041 946	1,663 517	2,637 820	2 ,96 8 923	3,040 945	2,298 715	933 290	783 244	22,44 6 6,981
Pratt, Loren 1 well SW <u>1</u> NW <u>1</u> NE ¹ , Sec. 14, T. 7 S., R. 22 W., CASRM	Dive <i>r</i> sion													228
l pump SE ¹ SW ¹ NW ¹ , Sec. 14, T. 7 S., R. 22 W., GASRM	Diversion													222

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STATE OF ARIZONA

DIVERSIONS FROM MAINSTREAM -- AVAILABLE RETURN FLOW AND CONSUMPTIVE USE OF SUCH WATER CALENDAR YEAR 1980

STATE OF ARIZONA

(ACRE · FEET) Sheet 2 of 4

V(B)

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WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS 1
Dulin, Arlin 1 well SW <u>1NE1</u> SE1, Sec. 8, T. 8 S., R. 22 W., G&SRM	Diversion	23	4	52	106	կկ	98	195	286	252	185	7	0	1,252 <u>2</u>
1 well SELSW1 SW1, Sec. 7, T. 8 S., R. 22 W., G&SRM	Diversion	0	0	0	212	15	137	218	263	282	65	0	0	1,192 2
Sturges, Steve 9 wells Sec. 18, T. 8 S., R. 21 W., and Sec.'s 13 & 14, T. 8 S., R. 22 W., G&SRM	Diversion	916	1,280	1,819	2,755	1,604	2,617	2,196	2,524	1,304	1,512	1,314	1 ,0 10	20,851 <u>2</u>
Yowelman, R. 1 well $NW_{h}^{1}SW_{u}^{1}SW_{u}^{1}$, Sec. 17, T. 8 S., R. 22 W., G&SRM	Diversion													7 20
Auza, Pete 1 well SE ¹ ₄ NW ¹ ₄ SW ¹ ₄ , Sec. 18, T. 8 S., R. 22 W., C&SRM	Diversion	0	104	52	217	122	29	281	1 7 6	175	215	153	0	1,524 <u>2</u> ,
1 pump SELSELNEL, Sec. 24, T. 8 S., R. 23 W., G&SEM	Diversion													1,590
1 well $SE_{4}^{L}SE_{4}^{1}SE_{4}^{1}$, Sec. 18, T. 8 S., R. 22 W., G&SRM	Diversion													1,590
Ott, Judd 1 well Nw <u>1</u> NE <u>1</u> NW ¹ ₁ , Sec. 30, T. 8 S., R. 22 W., G&SRM	Diversion	21	27	17	42	38	62	112	106	120	56	1	19	621 <u>2</u> /
$ \begin{array}{l} \begin{array}{l} & \text{Geoderm} \\ \textbf{1 well} \\ & \text{SE}_{L}^{\text{I}} \text{SW}_{L}^{\text{I}} \text{SW}_{L}^{\text{I}}, \\ & \text{Sec. 19, T. 8 S., R. 22 W.,} \\ & \text{G&SRM} \end{array} $	Diversion	36	36	26	33	25	37	76	72	59	35	21	42	498 <u>2</u> /
Cameron Brothers 1 well $SE_{H}^{1}NE_{L}^{1}SW_{u}^{1}$, Sec. 24, T. 8 S., R. 22 W., G&SRM	Diversion	123	62	99	95	129	102	162	214	122	14	68	73	1,263 <u>2</u> /
Harp, R. 1 well $SE_1^1NE_4^1NE_4^1$, Sec. 13, T. 8 S., R. 23 W., G&SRM	Diversion													1,458

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW AND CONSUMPTIVE USE OF SUCH WATER CALENDAR YEAR 1980

STATE OF ARIZONA

(ACRE FEET) Sheet 3 of 4

WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Jukasovich 1 well $SE_{4}^{L}NE_{4}^{L}SW_{4}^{L}$, Sec. 24, T. 8 S., R. 22 W., G&SRM	Diversion	0	0	0	2	0	0	22	11	11	0	1	1	48
Guerran 1 well SWLSEL, Sec. 24, T. 8 S., R. 22 W., G&SRM	Diversion	31	22	24	45	64	63	62	44	42	41	38	12	488
Sunkist of Yuma 1 well $NE_{L}^{1}SE_{L}^{1}SW_{L}^{1}$, Sec. 23, T. 8 S., R. 23 W., G&SRM	Diversion	0	4	3	0	2	9	10	9	6	2	3	3	5:
Yucca Power Plant 1 well $NE_{L}^{1}NW_{L}^{1}SW_{L}^{1}$, Sec. 36, T. 16 S., R. 21 E., SEM	Diversion													84
Nunnaley (G. Russell) 1 well NE ¹ LSE ¹ LSW ¹ L, Sec. 28, T. 16 S., R. 22 E., SEM	Diversion	5	59	41	46	7 0	2	8	11	10	52	24	32	36
Power, Bill 1 pump SW1SW1NE1, Sec. 30, T. 16 S., R. 22 E., SEM	Diversion													1,98
Power, R.E. (P. Power) 1 pump SWTSWTMET, Sec. 30, T. 16 S., R. 22 E., SEM	Diversion													1,920
Hall, Ansil l pump $NW_{\rm L}^1SW_{\rm L}^1NW_{\rm L}^1$, Sec. 33, T. 16 S., R. 21 E., SEM	Diversion													480
Arizona Subtotals Imperial Dam to Northerly International	Diversion $\frac{3}{4}$	1,155 453	1,598 626	2,133 836	3,553 1,392	2,113 828	3,156 1,237	3,342 1,310	3,716 1,456	2,383 934	2,177 853 -	1,630 639	1,192 467	28,148 11,031
Arizona Totals	Diversion	3,421	3,704	3,985	7,300	6,928	6,573	8,109	9,063	7,302	6,043	3,492	2,686	68,60
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V(B)

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

CALENDAR YEAR 1980

STATE OF ARIZONA

(ACRE - FEET) Sheet 4 of 4

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WATER USER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS	

1/ Calculated by assuming an annual diversion of 6 acre-feet per irrigated acre unless otherwise noted.
2/ Calculated from monthly power records and power-discharge measurements where available, and where power-discharge measurements were not available calculated from power-discharge rate.
3/ Total of items for which monthly distribution is shown.
4/ Total of items for which monthly distribution is not shown.

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW AND CONSUMPTIVE USE OF SUCH WATER CALENDAR YEAR 1980

(ACRE · FEET) Sheet 1 of 2

									AUGUST	SEPTEMBER	OCTORER		DECEMPER	TOTALS
WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPIEMBER	JUIUBER	NUVENDER		
Fort Mohave Indian Reservation Pumped from river and wells in flood plain	Diversion <u>8</u> / Return Consumptive Use	214	290	727	1,440	1,359	1,469	1,861	1,759	1,154	629	407	283	11,592 <u>1</u> /
City of Needles 4 wells NW ¹ ₄ SW ¹ ₄ , Sec. 29, T. 9 N., R. 23 E., SEM	Diversion Return Consumptive Use	85 31 54	101 36 65	132 46 86	179 49 130	291 72 219	395 76 319	կկօ 95 345	395 86 309	357 79 278	239 65 174	166 54 112	150 47 103	2,930 736 2,194
San Bernardino County 1 well	Diversion Return Consumptive Use	1	1	1	1	1	2	2	2	1	1	1	l	15 _1/
Metropolitan Water District of Southern California Diversion from Lake Havasu	Diversion Return Consumptive Use	52,745 371 52,374	46,435 313 46,122	42,468 347 42,121	68,763 325 68,438	92,762 327 92,435	81,221 307 80,914	81,394 315 81,079	86,939 307 86,632	301	75,719 362 75,357	70,758 361 70,397	61,847 382 61,465	821,165 4,018 <u>7</u> 817,147
Parker Dam and Government Camp Diversion at Parker Dam	Diversion <u>8</u> / Return Consumptive Use	8	8	11	21	25,	32	38	45	34	26	14	ц	273 <u>1</u> /
Colorado River Indian Reservation <u>6</u> / Pumped from river and wells 1 well - Big River	Diversion Diversion Return Consumptive Use	465 36	587 39	306 70	369 93	544 114	1,175 124	1,364 174	1,407 179	1,135 157	1,079 135	1,023 86	1,317 63	10,771 1,270 <u>1</u> /
Palo Verde Irrigation District Diversion from Palo Verde Dam	Diversion Return Consumptive Use	31,760 29,612 2,148	39,472 32,111 7,361	83,057 34,029 49,028	106,534 42,493 64,041	85,784 46,108 39,676	98,858 42,820 56,038	116,352 45,042 71,310	107,387 48,474 58,913	47,210	58,337 45,548 12,789	46,188 38,880 7,308	42,992 35,824 7,168	906,455 488,151 418,304
Yuma Project Reservation Division Indian Unit Diversion at Imperial Dam	Diversion Return Consumptive Use	1,149	2,504	5,301	3,872	3,332	6,234	6,896	5,687	3,876	1,606	827	1,148	42 ,43 2 <u>1</u> /
Yuma Project Reservation Division Bard Unit Diversion at Imperial Dam	Diversion Return Consumptive Use	1,497	3,154	4,354	4,492	4,549	6,055	7,192	5,848	3,769	2,774	1,963	2,029	47,676 <u>1</u> /

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STATE OF CALIFORNIA

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW AND CONSUMPTIVE USE OF SUCH WATER CALENDAR YEAR 1980

(ACRE · FEET) Sheet 2 of 2

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WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Returns from Yuma Project Reservation Division Returns	eturn <u>2</u> /	1,659	1,580	2,697	1,724	2,300	2,748	3,043	2,754	2,238	2,584	2,530	2,466	28,323
F	iversion eturn onsumptive Use	122,274	84,770	269,671	348,545	270,006	269,965	319,777	339,150	293,787	228,967	154,119	144,748	2,845,779 <u>1</u> /
F	iversion eturn onsumptive Use	ટલ , 426	21,501	321641	51,568	51,386	59 ,837	68,728	69,803	55,340	46,777	23,712	21,072	531,791 <u>1</u> /
SE ¹ ₄ SE ¹ ₄ NE ¹ ₄ , Sec. 27, T. 16, S., R. 22 E., SEM F	liversion leturn lonsumptive Use													128 <u>3</u> 1
Other Users pumping from Colorado River and wells in flood plain Nevada-California D stateline to International Boundary	iversion <u>4</u> /	161	945	1,982	2,726	1,723	2,703	3,380	4,967	3,284	1,848	452	276	24,447
F	iversion eturn onsumptive Use	239,821 31,673 208,148	199,807 34,040 165,767	37,119	588,603 44,591 544,012	511,876 48,807 463,069	528,070 45,951 482,119	607,598 48,495 559,103	623,568 51,621 571,947	512,742 49,828 462,914	418,137 48,559 369,578	299,716 2 41,825 257,891 2	38,719	5,246,724 5 521,228 4,725,496 5

NOTE: The term "Consumptive Use" in this tabulation means measured diversions including underground pumping, less measured return flow and less current estimated unmeasured return flow to river.

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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 the All-American Canal.
3/ Monthly distribution not available.
4/ Details on California Supplemental Sheets 1-3.
5/ The total is 128 acre-feet greater than the sum of monthly totals because of nonavailable monthly distribution of diversion by City of Winterhaven.
6/ Calculated from monthly power records and power-discharge measurement where available, and where power-discharge measurements were not available calculated from average power-discharge rate.

7/ Estimate based on measured regulatory reservoirs seepage returns less an estimated amount of phreatophyte use. E/ Total of items for which monthly distribution is not shown. Distributed according to monthly distribution of other users in immediate area.

STATE OF CALIFORNIA

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW AND CONSUMPTIVE USE OF SUCH WATER CALENDAR YEAR 1980

STATE OF CALIFORNIA

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(ACRE - FEET) Sheet 1 of 3

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												(AC	RE FEET) SI	neet 1 of 3
WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS 1
Soto Brothers 1 well SWLNELSEL, Sec. 36, T. 11 N., R. 21 E., SBM	Diversion			<u> </u>		·					<u> </u>			840
Deason, Richard (Tri-State) l well NWLNELNWL, Sec. 31, T. 11 N., R. 22 E., SEM	Diversion													1,200
1 well $SE_{L}^{1}NE_{L}^{1}SW_{L}^{1}$, Sec. 36, T. 11 N., R. 21 E., SEM	Diversion													7 20
l well SELNWLHEL, Sec. 31, T. 11 N., R. 21 E., SEM	Diversion													960
R. L. Lyle 1 well SE ₄ ¹ NE ₄ ¹ NU ₄ ¹ , Sec. 16, T. 1 S., R. 2 ⁴ E., SEM	Diversion													108
BLM Permittees	Diversion													162
Subtotals - Davis Dam to Imperial Dam	Diversion 4/	25	148	310	427	270	423	529	778	514	290	71	43	3,828
Cole (R. Land) 1 well $SW_{14}^{1}SE_{12}^{1}SE_{12}^{1}$, Sec. 35, T. 15 S., R. 23 E., SBM	Diversion													636
Berryman 1 well NWLNWLNWL, Sec. 2, T. 16 S., R. 23 E., SEM	Diversion	0	8	o	71	38	32	24	32	41	8	ш	o	265 <u>2</u> /
Duke (P. Fower) 1 pump NWLSWLSWL, Sec. 14, T. 16 S., R. 23 E., SEM	Diversion													1,992
H. Mitchell 1 well SE ¹ 4SE ¹ 4NW ¹ 4, Sec. 22, T. 16 S., R. 23 E., SEM	Diversion	٥	0	30	28	33	43	60	43	141	104	0	0	482 <u>2</u> /
Perez, F. (Slade) 1 well $NE_{4}^{1}SE_{4}^{1}SW_{4}^{1}$, Sec. 6, T. 8 S., R. 22 W., G&SRM	Diversion	0	6	288	2	26	208	193	292	124	26	2	0	1,167 <u>2</u> /
Barrett (R. Harp) 1 well $SE_4^1SW_4^1SW_4^1$, Sec. 6, T. 8 S., R. 22 W., G&SRM	Diversion													858
Spencer, M. 1 well SwinEiSWi, Sec. 9, T. 16 S., R. 23 E., SEM	Diversion	0	0	130	0	0	69	120	128	64	o	0	0	511 <u>2</u> /

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DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW And consumptive use of such water calendar year 1980

STATE OF CALIFORNIA

(ACRE · FEET) Sheet 2 of 3

WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS 1
Martin, M. (A. Dees) 1 pump NEANWiNWi, Sec. 1, T. 8 S., R. 23 W., G&SRM 1 pump	Diversion Diversion	0	164 0	0	0 532	0	68 0	0	128 605	6 4 0	0	0	0	511 <u>2</u> / 1,137 2/
SE ¹ INE ¹ INW ¹ ₄ , Sec. 1, T. 8 S., R. 23 W., G&SRM Schaffer, F. (R. Harp) 1 well SW ¹ SE ¹ INE ¹ ₄ , Sec. 2, T. 8 S., R. 23 W., G&SRM	Diversion	0	116	80	2	148	225	133	0	0	0	7	5	716 2/
Coley, M. 1 well $SE_{4}^{1}SE_{4}^{1}SW_{4}^{1}$, Sec. 18, T. 16 S., R. 23 E., SEM	Diversion	0	0	1	0	55	21	65	72	89	38	0	0	341 <u>2</u> /
Taylor Brothers 1 well $NE_{4}^{L}SE_{4}^{1}SE_{4}^{1}$, Sec. 2, T. 8 S., R. 23 W., G&SRM	Diversion	0	0	121	21	63	65	184	211	232	3	1	0	901 <u>2</u> /
Wilson (R. Harp) 1 well NE ¹ ₄ NW ¹ ₄ :W ¹ ₄ , Sec. 12, T. 8 S., R. 23 W., G&SRM	Diversion	30	14	71	6	82	74	115	145	93	50	14	11	705 <u>2</u> /
Easterday, Anne 1 well SWLSSLLSEL, Sec. 1, T. 8 S., R. 23 W., G&SRM	Diversion	0	0	0	154	0	82	52	183	114	0	0	0	585 <u>2</u> /
Dees, John 1 well $SE_{4}^{1}NE_{4}^{1}SE_{4}^{1}$, Sec. 1, T. 8 S., R. 23 W., G&SRM	Diversion	41	143	9 7	110	182	238	269	300	395	232	23	72	2 ,10 2 <u>2</u> /
Evans, E. (R. Harp) 1 well SE ¹ ₁ ME ¹ ₄ NE ¹ ₄ , Sec. 12, T. 8 S., R. 23 W., G&SR ¹	Diversion	2	0	0	25	0	58	79	101	45	40	2	3	355 <u>2</u> /
Harp, P. 1 well SW1NE1 SE1, Sec. 12, T. 8 S., R. 23 W., G&SRM	Diversion													882
Easterday, Kenneth 1 well $Nw_{1}^{1}SE_{1}^{1}SW_{1}^{1}$, Sec. 12, T. 8 S., R. 23 W., G&SRM	Diversion	34	7	89	191	94	194	250	328	119	85	99	56	1,546 <u>2</u> /
Smith, F. (P. Power) 1 well NE¼SW¼SE¼, Sec. 11, T. 8 S., R. 23 W., G&SRM	Diversion	0	17 0	77	464	191	382	428	5 7 2	կել	22 7	114	5	3,074 <u>2</u> /

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DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW AND CONSUMPTIVE USE OF SUCH WATER CALENDAR YEAR 1980

STATE OF CALIFORNIA

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V(B)

												(ACF	RE FEET) SI	heet 3 of 3
WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS 1
Musgrave (Barkley Co.) 1 well $NE_{u}^{1}SE_{u}^{1}SW_{u}^{1}$, Sec. 19, T. 16 S., R. 23 E., SEM	Diversion	0	0	0	0	30	20	38	39	35	11	0	0	173 <u>2</u> /
Hutcheson (Slade) 1 pump $SE_{4}^{1}SE_{4}^{1}SE_{4}^{1}$, Sec. 27, T. 16 S., R. 22 E., SEM	Diversion	0	0	ЦO	0	16	15	43	36	12	o	0	0	162 <u>2</u> /
Slade, W. 1 pump $SW_{h}^{1}NE_{h}^{1}SE_{h}^{1}$, Sec. 29, T. 16 S., R. 22 E., SEM	Diversion	0	0	20	26	0	0	71	43	26	0	0	0	186 <u>2</u> /
Hudson, C. A. 1 pump $NE_{L}^{1}NW_{L}^{1}SW_{L}^{1}$, Sec. 29, T. 16 S., R. 22 E., SEM	Diversion	O	0	274	180	187	3	123	7	119	254	o	0	1,147 <u>2</u> /
Cloud 1 well NWLNWL, Sec. 29, T. 29 S., R. 22 G., SEM	Diversion	0	0	0	o	0	0	0	136	68	127	0	0	331 <u>2</u> /
Subtotals - Imperial Dam to Boundary	Diversion $\frac{3}{4}$	107 29	628 169	1,318 354	1,812 487	1,145 308	1,797 483	2,247 604	3 ,302 887	2,183 587	1,228 330	300 81	184 49	16,251 4,368
Total California	Diversion	161	945	1,982	2 ,72 6	1,723	2,703	3,380	4,967	3,284	1,848	452	276	24,447

1/ Calculated by assuming an annual diversion of 6 acre-feet per irrigated acre unless otherwise noted.
2/ Calculated from monthly power records and power-discharge measurements where available, and where power discharge measurements were not available calculated from average power-discharge rate.
3/ Total of items which monthly distribution is shown.
4/ Total of items for which monthly distribution is not shown. Distributed according to monthly distribution of other users in immediate area.

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

CALENDAR YEAR 1980

(ACRE · FEET) Sheet 1 of 2

ATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
oulder City														
Diversion at Hoover Dam	Diversion	49	43	55	62	84	88	81	80	47	57	52	58	756
Diversion at Saddle Island, Lake Mead	Diversion 1/	98	100	55 186	289	384	506	503	532	459	57 340	52 241	58 184	3,822
,	Return					0	•	1-0	75-					3,
	Consumptive Use													
ake Mead National Recreation Area														
Diversion at Lake Mead	Diversion	55	34	78	9 7	120	150	133	151	120	120	99	100	1,257
Diversion at Saddle Island, Lake Mead	Diversion 3/	ź	2	2	14		10	ĩĩ	-íi	Ĕ	8	99 6	- 3	-,-/
····,	Return	ō	ō	ō	24		28	29	29	28	28	27	29	25
	Consumptive Use	57	36	80	77	29 98	132	115	133	98	100	2 7 78	29 74	1,07
asic Management Inc.														
Diversion at Saddle Island, Lake Mead	Diversion	665	645	598	636	612	590	1,227	1,098	955	830	714	578	9,148
	Return	00)	049	//0	500	511	790		-, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,	0,00	124	210	, , , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	Consumptive Use													
ity of Henderson														
Diversion at Lake Mead	Diversion 1/	21	28	72	157	305	531	568	682	455	405	250	223	3,70
Diversion at Saddle Island, Lake Mead	Diversion 3/	331	344	412	556	526	629	59 7	564	527	429	259 385	300	5,60
21.01.01.01.01.01.01.01.01.01.01.01.01.01	Return	202	5.11		,,,,,	20	UL)	///	J 04	201	469	505	500	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	Consumptive Use													
as Vegas Valley Water District														
Diversion at Saddle Island, Lake Mead	Diversion 1/	5,337	4,657	4,109	7,105	8,641	9,110	9,814	10,043	8,781	9,131	7,521	7,290	91,539
	Return													
	Consumptive Use													
evada State Department of Fish and Game														
Diversion at Saddle Island, Lake Mead	Diversion 3/	362	339	356	337	360	347	353	348	337	335	333	351	4,15
	Return	362	338	356	336	359	347	353	348	336	335	332	351	4,15
	Consumptive Use	0	1	0	1	l	0	0	0	1	0	1	0	
acific Coast Building Products, Inc.														
Diversion at Gypsum Wash, Lake Mead	Diversion	49	38	39	54	45	41	39	50	46	50	39	52	54
	Return													
	Consumptive Use													
ity of North Las Vegas														
Diversion at Saddle Island, Lake Mead	Diversion 1/	286	285	386	602	7 63	925	981	1,117	781	615	271	122	7,13
	Return							-			-			•
	Consumptive Use													
ellis Air Force Base														
Diversion at Saddle Island, Lake Mead	Diversion 1/	88	91	144	193	278	255	206	243	230	159	125	110	2,12
	Return					-			-	0.				•
	Consumptive Use													

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STATE OF NEVADA

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW AND CONSUMPTIVE USE OF SUCH WATER CALENDAR YEAR 1980

STATE OF NEVADA

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												(AC	RE FEET) Sh	eet 2 of 2
WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Ramelli, Helen Lot No. 3, Sec. 13, T. 32 S., R. 66 E., MDB&M	Diversion Return Consumptive Use						-							2 4/ 2/
Southern California Edison Company Diversion at Fumping Flant in Sec. 24, T. 32 S., R. 66 E., MDB&M	Diversion Return Consumptive Use	647	501	600	1,215	1,079	1,188	1,052	971	1,208	316	781	605	10,163 <u>2</u> /
Wiebke, Armin T. Lot No. 1, Sec. 33, T. 32 S., R. 66 E., MDB&M (except W. 500' and E. 630')	Diversion Return Consumptive Use													7 <u>4/</u> 2/
Portenier, Warren E. Wz, Lot No. 1, Sec. 33, T. 32 S., R. 66 E., MDB&M	Diversion Return Consumptiv e Use													42 <u>4</u> / <u>2</u> /
Welles, John C. 1 pummp E ₂ , Lot No. 2, Sec. 33, T. 32 S., R. 66 E., MDB&M	Diversion Return Consumptive Use													8 <u>4/</u> 2/
Knight, John B. 1 pump W2, Lot No. 2, Sec. 33, T. 32 S., R. 66 E., MDB&M	Diversion Return Consumptive Use													5 <u>4/</u> <u>2</u> /
LAS VEGAS WASH RETURN FLOWS	Returns <u>6</u> /	3,940	3,111	4,151	3,559	3,472	3,310	3,491	3,597	3,590	3,671	3,522	3,528	42,942
Nevada Totals	Diversion Return Consumptive Use	7,990 4,302 3,688	7 ,107 3,449 3,658	7,037 4,507 2,530	11,307 3,919 7,388	13,204 3,860 9,344	14,370 3,685 10,685	15,565 3,873 11,692	15,890 3,974 11,916	13,952 3,954 9,998	12,795 4,034 8,761	10,826 3,881 6,945	9,976 3,908 6,068	140,083 <u>5</u> / 47,346 92,737 <u>5</u> /

NOTE: The term "Consumptive Use" in this tabulation means measured diversion including underground pumping less measured return flow and less unmeasured return flow to the river.

1/ Delivered through the facilities of the Southern Nevada Water Project.
2/ No surface return.
3/ Delivered through the facilities of Basic Management, Inc.
4/ Reports annually.
5/ The monthly totals do not add to the annual total because of the nonavailability of monthly values footnoted 4/.
6/ Estimate based on the percentage of Colorado River water used in the Las Vegas Valley.

DIVERSIONS FROM MAINSTREAM --- AVAILABLE RETURN FLOW AND CONSUMPTIVE USE OF SUCH WATER CALENDAR YEAR 1989

STATE OF NEVADA

REVISION												(ACI	RE - FEET)	
WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
LAS VEGAS WASH RETURN FLOW	Returns <u>6</u> /	3,741	3,394	3,769	2,708	2,079	2,799	2,670	3,040	3,246	3,381	3,125	3,408	37,360
Nevada Totals	Diversion Return Consumptive Use	5,865 4,131 1,734	5,643 3,739 1,904	6,385 4,152 2,233	9,520 3,045 6,475	11,479 2,462 9,017	13,264 3,156 10,108	15,629 3,028 12,601	14,715 3,395 11,320	14,711 3,591 11,120	13,746 3,729 10,017	10,664 3,488 7,176	8,845 3,783 5,125	130,532 <u>5/</u> 41,699 88,833 <u>5</u> /

 $\frac{5}{5}$ The monthly totals do not add to the annual total because of the nonavailability of monthly values footnoted $\frac{4}{5}$. $\frac{5}{5}$ Estimate based on the percentage of Colorado River water used in the Las Vegas Valley.

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V(B)

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 1980

The following tabulations for calendar year 1980 show records of releases of mainstream water pursuant to orders therefore but not diverted by the party ordering the same, and the quantity of such water delivered to Mexico in satisfaction of the Mexican Treaty or diverted by others in satisfaction of decreed rights. Also shown are quantities of such rejected water delivered to Mexico in excess of Treaty requirements and quantities delivered to storage. The quantities delivered to storage were available to release for future use.

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

Deliveries of water to Mexico in satisfaction of the Mexican Treaty were scheduled based on Mexico's daily orders. Releases from storage were scheduled in sufficient quantities which, when added to return

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

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

BUT NOT DIVERTED BY PARTY ORDERING SAME

AND

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

CALENDAR YEAR 1980 STATE OF ARIZONA

(ACRE-FEET) Sheet 1 of 3

			-	TALE OF										
WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Colcrado River Indian Reservation Diversion at Headgate Rock Dam	Ordered but not Diverted Delivered to Mexico in	137	803	1,849	1,184	1,533	1,583	621	2,432	1,234	319	532	764	12,991
protoror de mesagene men par	Satifaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	129	282	57 7	159	397	428	177	456	422	97	81	248	3,453
	Delivered to Storage 2/	- 6	456	1,212	870	1,136	1,155	դեկ	1,976	812	222	451	516	9,258
	Delivered to Mexico in	Ť	.,,,,	-,	-,	-,			-,,,,-					
	Excess of Treaty	0	65	60	155	0	0	0	0	0	0	0	0	280
uma Proving Grounds U.S. Army	Ordered but not Diverted	0	0	0	0	0	0	o	0	0	0	0	0	0
Diversion at Imperial Dam 1/	Delivered to Mexico in													
- 2	Satisfaction of Treaty	0	0	0	o	0	0	0	0	0	0	0	0	0
	Diverted by Others	0	0	0	0	0	0	0	0	0	0	0	0	0
	Delivered to Storage 2/	0	0	0	0	0	0	0	0	0	0	0	0	0
	Delivered to Mexico in													
	Excess of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
North Gila Valley Irrigation District Diversion at Imperial Dam	Ordered but not Diverted Delivered to Mexico in	756	601	359	732	555	633	93 8	1,006	516	567	577	766	8,006
Diversion at imperial Dam	Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
		190	224	133	236	153	315	303	422	163	67	95	375	2,676
	Diverted by Others Delivered to Storage 2/	467	234	226	397	329	318	635	584	353	500	482	391	4,916
	Delivered to Storage 2/	40 (2 34	220	397	329	310	035	504	272	500	402	391	4,910
	Excess of Treaty	99	143	0	99	73	0	0	0	0	0	0	0	414
		0	_	-	0	0	0	0	٥	0	o	0	0	o
arren Act Contractors	Ordered but not Diverted	0	0	0	0	U	0	0	U	U	U	0	0	0
Gila Project Districts	Delivered to Mexico in	•	0	0	0	0	0	0	0	0	0	0	0	0
Diversion at Imperial Dam $1/$	Satisfaction of Treaty	0	0	-	0	0	0	0	0	0	õ	ő	6	0
	Diverted by Others	0	0	0	0	0	ő	0	ő	0	ŏ	ő	ő	ő
_	Delivered to Storage 2/	0	0	0	0	U	0	0	U	U	0	0	0	0
	Delivered to Mexico in Excess of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excess of Treaty	U	0	0	-	U		0	U	· ·		-		Ŭ
ellton-Mohawk I. & D. D. Diversion at Imperial Dam	Ordered but not Diverted Delivered to Mexico in	3,215	4,620	2,465	2,662	4,731	1,061	3,352	3,130	3,763	4,963	2,761	4,628	41,351
DIAGUETON SC IMBELISI DEW	Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	o	0	0
	Diverted by Others	311	147	514	500	1,325	70	668	599	835	845	250	895	6,968
	Delivered to Storage 2/	2,509	3,279	1,899	1,674	2,466	79 982	2,684	2,531	2,928	4,118	2,511	3,733	31,314
	Delivered to Mexico in	2,009	J 94 (9	1,077	±,0(+	~, ~ ,0	200	2,004	عرر و <i>-</i>	-,,,20	· , 0	2,711	دراور	
	Excess of Treaty	395	1,194	52	488	940	0	0	0	0	0	0	0	3,069
Yuma Irrigation District	Ordered but not Diverted	962	720	718	468	1.023	367	480	428	538	762	930	452	7,848
Diversion at Imperial Dam	Delivered to Mexico in	7.02	120	110		1,000	100		.,20		, 52	/50	.,	,,
DIACLETOU ST IMBELIST DAW	Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	o	0
	•	159	180	216	42	333	230	276	1 65	77	305	282	145	2,410
	Diverted by Others Delivered to Storage 2/	159 674	292	216 494	42 263	333 577	230 137	204	263	461	305 457	202 648	307	4,777
	Delivered to Storage 2/ Delivered to Mexico in	074	292	494	203	577	137	204	203	401	427	04C	307	-
	Excess of Treaty	129	248	8	163	113	0	0	0	0	0	0	0	661
	BACESS OF TREALY	924			103		V							

V(C)

BUT NOT DIVERTED BY PARTY ORDERING SAME

AND

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

CALENDAR YEAR 1980 STATE OF ARIZONA

(ACRE-FEET) Sheet 2 of 3

ATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Yuma Mesa I. & D. D.	Ordered but not Diverted	3,005	3,919	2,019	1,976	1,388	803	450	1,611	2,154	3,029	2,489	2,440	25,28
Diversion at Imperial Dam	Delivered to Mexico in													
	Satisfaction of Treaty	0	0	0	0	o	0	0	0	0	0	Ó	0	
	Diverted by Others	284	547	298	424	254	200	83	538	672	317	516	722	4,8
	Delivered to Storage $2/$	1,951	2,591	1,719	1,145	876	603	367	1,073	1,482	2,712	1,973	1,718	18,2
	Delivered to Mexico in		_		-									
	Excess of Treaty	770	781	2	407	258	0	0	0	0	0	0	0	2,
nit B I. & D. D.	Ordered but not Diverted	256	9 7 0	123	296	228	280	171	179	458	309	218	139	3,6
Diversion at Imperial Dam	Delivered to Mexico in				•									
*	Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	
	Diverted by others	71	708	18	0 6	56	117	14	6	208	0	12	69	1,
	Delivered to Storage 2/	153	214	105	272	126	163	157	173	250	309	206	70	2,
	Delivered to Mexico in			-			-							
	Excess of Treaty	32	48	0	18	46	0	0	0	0	0	0	0	
ity of Yuma	Ordered but not Diverted	0	0	0	0	0	113	0	o	77	47	28	0	
Diversion at Imperial Dam	Delivered to Mexico in													
-	Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	
	Diverted by Others	0	0	0	0	o	85	0	0	24	29 18	14	0	
	Delivered to Storage 2/	Ō	Ó	ō	Ó	Ó	28	Ó	Ó	53	18	14	0	
	Delivered to Mexico in													
	Excess of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	
ums County Water Users' Association	Ordered but not Diverted	2,825	3,636	2,242	1,854	3,992	443	2,063	1,994	1,314	1,432	1,315	1,344	24,
Diversion at Imperial Dam	Delivered to Nexico in	-,,	5,-5-		-,-,-	<i></i>		-,3	-,,,,	_,0_	-, 5	-,. ,	- 70	
· · · · · · · · · · · · · · · · · · ·	Satisfaction of Treaty	0	0	0	o	0	0	0	0	0	0	0	0	
	Diverted by Others .	298	375	519	605	2,050	335	1,744	1,082	409	869	676	898 446	9,
	Delivered to Storage 2/	1,237	2,164	519 1,538	248	1,009	108	319	912	905	563	639	446	10,
	Delivered to Mexico in								-					-
	Excess of Treaty	1,290	1,097	185	1,001	933	0	0	0	0	0	0	0	4,
Cocopeh Indian Reservation	Ordered but not Diverted	1	0	13	1	21	1	8	9	3	5	8	15	
Diversion at Imperial Dam	Delivered to Mexico in	-	•	-5	-		-	-		2				
second as appress and	Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	
	Diverted by Others	ŏ	ŏ	3	ŏ	ň	ĩ	7	5	ĭ	3	ŭ	10	
	Delivered to Storage 2/	ő	ŏ	9	ŏ		ō	'n	ú	2	2	4	5	
	Delivered to Mexico in	Ū	v	,	U		Ũ	-		-	-	•		
	Excess of Treaty	1	0	1	1	5	0	0	0	0	0	0	0	

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V(C)

BUT NOT DIVERTED BY PARTY ORDERING SAME

AND

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

CALENDAR YEAR 1980

STATE OF AREZONA

(ACRE - FEET) Sheet 3 of 3

WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Arizona Totals	Ordered but not Diverted Delivered to Mexico in	11,157	15,269	9 ,7 88	9,173	13,471	5,284	8,083	10,789	10,057	11,433	8,853	10,548	123,910
	Satisfaction of Treaty Diverted by Others Delivered to Storage 2/ Delivered to Mexico in	1,442 6,999	0 2,463 9,230	0 2,278 7,202	0 1,972 4,869	0 4,579 6,524	0 1,790 3,494	0 3,272 4,811	0 3,273 7,516	0 2,811 7,246	0 2,532 8,901	0 1,930 6,928	0 3,362 7,186	0 31,704 80,906
	Excess of Treaty	2,716	3,5 7 6	308	2,332	2,368	0	0	0	0	0	0	0	11,300

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 $\frac{1}{2}$ No ordered received. 2/ Available for future use.

BUT NOT DIVERTED BY PARTY ORDERING SAME

AND

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

CALENDAR YEAR 1980

STATE OF CALIFORNIA

(ACRE-FEET) Sheet 1 of 2

			SIAIC		TLORUTY							(ACRE - FE	ET) Sheet I	. 01 2
WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Metropolitan Water District	Ordered but not Diverted	4,175	305	0	0	2,718	339	446	881	0	211	2,007	0	11,082
Diversion at Lake Havasu	Delivered to Mexico in													
	Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0		
	Diverted by Others	0	0	0	0	0	0	0	0	0	0	0	•	
	Delivered to Storage <u>1</u> /	4,175	305	0	0	2,718	339	446	881	0	211	2,007	0	11,08
	Delivered to Mexico in													
	Excess of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	
Palo Verde Irrigation District Diversion at Palo Verde Dam	Ordered but not Diverted Delivered to Mexico in	472	307	1,008	1,113	478	545	1,565	936	հերհե	996	819	117	8,80
Diversion at Paio verde Dan		0	0	0	0	0	0	o	0	0	0	0	· 0	
	Satisfaction of Treaty Diverted by Others	268	171	492	274	353	4	851	117	186	639	415	81	3,85
	Diverted by Others Delivered to Storage 1/	260 160	136	332	728	323 95	541	714	819	258	357	413	81 36	4,58
	Delivered to Mexico in	100	130	334	120	95	741	/14	019	290	371	+0+	50	4,7
	Excess of Treaty	أبداء	0	184	111	30	0	0	0	0	0	0	0	3€
	Excess of freaty		U	104	111	30	U	0	0	0	v	U	Ŭ	
Yuma Project Reservation Division	Ordered but not Diverted	1,041	255	427	407	1,270	161	680	930	530	498	652	713	7,5
Bard Unit	Delivered to Mexico in													
Diversion at Imperial Dam	Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0		
	Diverted by Others	399 418	78	323 104	343	904	148	602	763	332	287	324	470	4,97
	Delivered to Storage 1/	418	106	104	23	269	13	78	16 7	198	211	328	243	2,1
	Delivered to Mexico in													
	Excess of Treaty	224	71	0	41	9 7	0	0	0	0	0	0	0	43
Yumma Project Reservation Division Indian Unit	Ordered but not Diverted Delivered to Mexico in	7 96	3 3 0	519	361	938	170	643	9 50	571	307	274	426	6,28
Diversion at Imperial Dam	Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	
	Diverted by Others	305	101	393	304	667	157	570	780	358	177	136		4,22
	Delivered to Storage 1/	320	137	126	21	199	13	73	170	213	130	138	146	1,68
	Delivered to Mexico in	3	-51			-//	-5	15	-1-			-3-		,
	Excess of Treaty	171	92	0	36	7 2	0	0	0	0	0	0	0	37
Imperial Irrigation District	Ordered but not Diverted	18,393	14,039	18,367	8,299	8,331	0	0	0	0	0	· 0	0	67,42
Diversion at Imperial Dam	Delivered to Mexico in	,-/3			-,-//	- ,	-	2	Ū,	•	•	•	*	
· · · · · · ·	Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	o	
	Diverted by Others	ō	38	452	1,210	651	ŏ	ŏ	ŏ	ŏ	ŏ	õ		2,35
	Delivered to Storage 1/	8,954	4,220	9,088	722	287	ō	õ	ŏ	ŏ	ŏ	ŏ		23,27
	Delivered to Mexico in		•			•	-	2	•	•	Ŭ	-	-	-
	Excess of Treaty	9,439	9,781	8,827	6,367	7,393	0	0	0	0	0	0	0	41,80

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V(C)

BUT NOT DIVERTED BY PARTY ORDERING SAME

AND

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

CALENDAR YEAR 1980

STATE OF CALIFORNIA

(ACRE - FEET) Sheet 2 of 2

V(C)

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Ordered but not Diverted Delivered to Mexico in	1,111	6,665	555	0	2,222	0	2 7 8	2,777	555	0	793	397	15,353
Satisfaction of Treaty Diverted by Others	0 405	0 2,128	0 2 7 8	0 0	67	0 0	0 2 7 8	0 1,444	0 16	0 0		0 26	0 4,828 7,549
Delivered to Mexico in	-		-	-						0	•		7,549 2,976
Ordered but not Diverted		• •		10,180	15,957	1,215	3,612	6,474	2,100	2,012	-		116,513
Satisfaction of Treaty Diverted by Others	1,377	2,516	0 1,938 9,699	0 2,131 1.494	0 2,642 4,376	0 309 906	0 2,301 1.311	0 3,104 3,370	0 892 1,208	0 1,103 909	0 1,061 3,484	0 857 796	0 20,231 50,326
Delivered to Mexico in Excess of Treaty	-		9,239	6,555	8,939	0	0	0	0	0			45,956
	Delivered to Mexico in Satisfaction of Treaty Diverted by Others Delivered to Storage 1/ Delivered to Mexico in Excess of Treaty Ordered but not Diverted Delivered to Mexico in Satisfaction of Treaty Diverted by Others Delivered to Storage 1/ Delivered to Mexico in	Ordered but not Diverted 1,111 Delivered to Mexico in 3atisfaction of Treaty 0 Satisfaction of Treaty 0 Diverted by Others 405 Delivered to Mexico in 405 Excess of Treaty 272 Ordered but not Diverted 25,988 Delivered to Mexico in 25,988 Delivered to Mexico in 3atisfaction of Treaty 0 Diverted by Others 1,377 Delivered to Storage 1/ 14,461 Delivered to Mexico in 10,461	Ordered but not Diverted1,1116,665Delivered to Mexico in Satisfactions of Treaty00Diverted by Others4052,128Delivered to Storage 1/4343,408Delivered to Mexico in Excess of Treaty2721,129Ordered but not Diverted25,98821,901Delivered to Mexico in Satisfaction of Treaty00Diverted by Others1,3772,516Delivered to Storage 1/14,4618,312Delivered to Mexico in14,4618,312	Ordered but not Diverted Delivered to Mexico in Satisfaction of Treaty1,1116,665555Delivered to Mexico in Substration0000Diverted by Others4052,128278Delivered to Storage 1/4343,40849Delivered to Mexico in Excess of Treaty2721,129228Ordered but not Diverted Delivered to Mexico in Satisfaction of Treaty000Diverted by Others1,3772,5161,938Delivered to Storage 1/14,4618,3129,699Delivered to Mexico in14,4618,3129,699	Ordered but not Diverted Delivered to Mexico in 1,111 6,665 555 0 Satisfaction of Treaty 0 0 0 0 0 0 Diverted by Others 405 2,128 278 0 0 0 0 0 Delivered to Mexico in 405 2,128 278 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Ordered but not Diverted Delivered to Mexico in Satisfaction of Treaty 1,111 6,665 555 0 2,222 Delivered to Mexico in Satisfaction of Treaty 0 0 0 0 0 0 Delivered to Mexico in Excess of Treaty 405 2,128 278 0 67 Delivered to Mexico in Excess of Treaty 272 1,129 228 0 1,347 Ordered but not Diverted Delivered to Mexico in Satisfaction of Treaty 272 1,291 20,876 10,180 15,957 Delivered to Mexico in Satisfaction of Treaty 0 0 0 0 0 0 Diverted by Others 1,377 2,516 1,938 2,131 2,642 Delivered to Mexico in Satisfaction of Treaty 0 0 0 0 0 Delivered to Storage 1/ 14,461 8,312 9,699 1,494 4,376	Ordered but not Diverted Delivered to Mexico in 1,111 6,665 555 0 2,222 0 Satisfaction of Treaty 0 0 0 0 0 0 0 0 Delivered to Mexico in Satisfaction of Treaty 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <t< td=""><td>Ordered but not Diverted Delivered to Mexico in Satisfaction of Treaty 1,111 6,665 555 0 2,222 0 278 Delivered to Mexico in Satisfaction of Treaty 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>Ordered but not Diverted 1,111 6,665 555 0 2,222 0 278 2,777 Delivered to Mexico in Satisfaction of Treaty 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <t< td=""><td>Ordered but not Diverted Delivered to Mexico in Satisfaction of Treaty 1,111 6,665 555 0 2,222 0 278 2,777 555 Delivered to Mexico in Satisfaction of Treaty 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>Ordered but not Diverted Delivered to Mexico in Satisfaction of Treaty 1,111 6,665 555 0 2,222 0 278 2,777 555 0 Delivered to Mexico in Satisfaction of Treaty 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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1/ Available for future use.

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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 1980

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

CALENDAR YEAR 1980

WATER USER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER TOTALS Deliveries to Mexico in Satisfaction 55,370 108,473 204,931 225,067 116,652 163,798 218,337 248,457 60,309 142,840 1,700,000 2/ of Treaty 93,507 62,259 586,411 417,251 5,649,828 <u>1/</u> <u>3</u>/ Passing to Mexico in Excess of Treaty requirements 244,001 181,712 471,526 483,091 583,427 519,242 463,880 449,160 574,277 675,850 1/ Includes 154,630 acre-feet delivered pursuant to Minute 242.
2/ Includes 200,000 acre-feet scheduled under Paragraph (E), Article 15, of the 1944 Treaty with Mexice.
3/ Includes Painted Rock flood control releases and anticipatory flood control releases from Hoover Dam.

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V(D)

(ACRE - FEET)

RECORDS OF DIVERSIONS OF WATER FROM THE MAINSTREAM OF THE GILA AND SAN FRANCISCO RIVERS AND THE CONSUMPTIVE USE OF SUCH WATER, FOR THE BENEFIT OF THE GILA NATIONAL FOREST IN ACCORDANCE WITH

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

> > CALENDAR YEAR 1980

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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 1980

LARTER USER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OKTOBER NOVEMBER DECEMBER Ofla River Consumptive Use San Francisco River Diversion Consumptive Use

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V(E)

TOTALS

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