09525500 YUMA MAIN CANAL BELOW COLORADO RIVER SIPHON, AT YUMA, AZ

LOCATION.--Two gages, one at each end of canal siphon passing under Colorado River. At intake, lat 32°43'49", long 114°37'09", in NE1/4NE1/4 sec. 35, T.16 S., R.22 E., San Bernardino meridian, in Imperial County, CA, Hydrologic Unit 15030107, on left bank 1,645 ft downstream from center of Yuma Main Canal wasteway gates and 3.5 mi downstream from siphon-drop powerplant. At outlet, in NW1/4NE1/4 sec. 35, T.16 S., R.22 E., San Bernardino meridian, in Yuma County, AZ, on right bank. Siphon crossing is 1,300 ft upstream from 4th Avenue bridge over Colorado River at Yuma.

PERIOD OF RECORD.--Jan. 1924 to current year. Prior to Oct. 1938, monthly discharge only published in WSP 1313. Diversion from Yuma Main Canal for municipal supply for Yuma (sta 09526000), published with this record prior to Oct. 1973, is listed separately in this report.

REVISED RECORDS.--WSP 1713: 1958, 1959 (Yuma municipal supply).

GAGE.--Water-stage recorder at each end of siphon. Datum of each gage is 100.62 ft above sea level. Prior to Oct. 1, 1963, at datum 0.05 ft lower. Elevation of sill of inlet is 125.5 ft above sea level. Prior to Oct. 29, 1938, nonrecording gages at approximately same sites, read simultaneously.

REMARKS.--Records good except those below 100 ft^3/s and estimated days which are poor. Daily discharge computed from relation between discharge and head on siphon, which is the difference between intake and outlet gages. Records show quantity of water delivered through Colorado River siphon for irrigation in the Valley Division of the Yuma Project and for municipal supply for city of Yuma (see sta 09526000).

EXTREMES FOR PERIOD OF RECORD.--1930 to current year: Maximum daily discharge, 984 ft^3/s Oct. 9, 1992; no flow at times.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	729	421	557	123	256	404	669	547	556	669	415	364
2	694	537	499	146	342	570	687	642	580	569	491	365
3	677	625	516	235	415	641	543	730	594	481	535	327
4	722	678	479	136	483	e649	588	838	508	410	468	229
5	792	665	397	161	522	477	749	826	325	510	442	284
6	843	613	196	152	436	328	781	815	418	560	371	319
7	839	530	142	201	405	437	835	723	573	591	297	300
8	852	616	160	179	451	594	835	507	594	516	164	320
9	838	618	161	131	494	672	832	554	432	429	62	448
10	780	557	199	184	454	775	774	715	466	316	64	456
11	726	551	200	156	308	781	759	756	441	355	91	396
12	747	544	215	161	224	731	864	761	342	500	303	449
13	783	574	210	182	192	627	888	791	402	541	387	458
14	753	480	200	376	236	676	841	713	564	517	387	456
15	766	521	215	394	243	712	845	538	613	524	406	521
16	777	588	205	319	255	805	807	581	624	467	366	491
17	766	588	409	346	261	845	550	651	558	436	379	499
18	780	568	502	381	261	832	634	730	480	527	415	494
19	798	571	394	376	203	714	771	761	309	550	492	469
20	740	553	330	381	163	518	819	787	375	507	449	435
21	489	372	528	412	165	596	803	655	495	502	351	477
22	433	292	517	524	175	717	789	423	558	542	399	537
23	425	358	401	393	215	787	631	496	582	452	419	550
24	395	334	213	282	250	773	425	557	531	317	370	613
25	416	227	130	246	227	693	532	581	480	354	380	520
26	450	366	162	197	198	659	710	518	376	422	423	593
27	424	401	314	177	178	488	793	415	352	483	475	579
28	409	328	342	201	252	557	788	359	493	498	398	542
29	459	398	310	221	---	730	799	225	631	488	337	618
30	435	548	352	217	---	781	666	322	666	475	428	658
31	412	---	255	224	---	751	---	473	---	407	404	---
TOTAL	20149	15022	9710	7814	8264	20320	22007	18990	14918	14915	11368	13767
MEAN	650	501	313	252	295	655	734	613	497	481	367	459
MAX	852	678	557	524	522	845	888	838	666	669	535	658
MIN	395	227	130	123	163	328	425	225	309	316	62	229
AC-FT	39970	29800	19260	15500	16390	40300	43650	37670	29590	29580	22550	27310

CAL YR 2004 TOTAL 187408.00 MEAN 512 MAX 940 MIN 0.00 AC-FT 371700
WTR YR 2005 TOTAL 177244 MEAN 486 MAX 888 MIN 62 AC-FT 351600

e Estimated