

Water-Data Report 2013

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

Lower Colorado Basin  
Lower Colorado Subbasin

LOCATION.--Lat 32°43'49", long 114°37'09" referenced to North American Datum of 1927, in SE ¼ NW ¼ sec.35, T.16 S., R.22 E., Yuma County, AZ, Hydrologic Unit 15030107, San Bernardino meridian (at inlet gage), on left bank 1,645 ft. downstream from center of Yuma Main Canal wasteway gates and 3.5 mi. downstream from siphon-drop powerplant.

The outlet gage is on the right bank, about 50 ft below outlet of Colorado River Siphon, 200 ft. above the City of Yuma Municipal Water diversion pumps.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--January 1924 to current year. Prior to October 1938, monthly discharge only published in WSP 1313.

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

GAGE.--Acoustic Doppler Velocity Meter.

REMARKS.--Record rated good. This Record reflects the quantity of water delivered through the Colorado River Siphon for irrigation in the Valley Division of the Yuma Project and the City of Yuma municipal supply.

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

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 924 ft<sup>3</sup>/s, Apr. 14; minimum daily discharge, 0.00 ft<sup>3</sup>/s, Jan. 16, 17.

## 09525500 YUMA MAIN CANAL BELOW COLORADO RIVER SIPHON, AT YUMA, AZ—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	611	560	426	63	210	718	428	901	461	492	591	235
2	650	560	230	309	187	697	652	900	321	452	550	243
3	769	570	320	360	159	606	758	908	352	488	512	238
4	778	493	399	317	200	447	846	892	458	540	390	324
5	801	559	421	366	261	272	871	865	602	608	235	388
6	803	635	380	220	316	322	868	836	510	521	201	307
7	685	595	277	268	446	353	849	909	510	375	191	245
8	646	594	291	285	488	695	782	918	486	404	166	303
9	607	558	181	461	424	743	785	881	400	502	466	319
10	619	495	325	545	282	618	790	870	448	559	588	245
11	665	477	313	539	264	465	835	849	513	558	492	296
12	645	610	337	572	346	366	871	710	609	520	380	288
13	638	674	263	481	446	388	914	628	624	509	346	305
14	560	632	138	273	511	385	924	729	656	408	399	382
15	556	562	109	26	530	663	851	848	585	495	384	345
16	657	514	112	0.00	556	810	904	803	498	560	525	411
17	655	528	170	0.00	359	743	912	679	477	596	516	465
18	630	386	173	496	467	744	896	516	578	569	426	449
19	600	458	162	703	580	696	909	347	698	582	408	501
20	640	522	166	479	655	702	880	450	730	571	431	543
21	549	478	245	450	661	757	796	633	660	341	442	530
22	549	229	279	440	564	748	821	680	498	303	468	528
23	606	424	176	510	496	770	875	678	361	336	396	509
24	625	448	81	441	354	686	886	502	456	399	348	510
25	592	282	59	332	444	706	906	478	593	471	226	500
26	622	427	257	229	587	740	907	429	670	499	193	609
27	642	467	237	180	635	786	856	472	673	445	233	614
28	486	452	266	187	667	835	812	494	666	340	302	651
29	527	375	304	194	---	769	860	500	677	376	316	611
30	545	409	290	234	---	566	909	539	540	476	328	598
31	578	---	151	205	---	328	---	551	---	592	268	---
<b>Total</b>	19,536	14,973	7,538	10,165.00	12,095	19,124	25,153	21,395	16,310	14,887	11,717	12,492
<b>Mean</b>	630	499	243	328	432	617	838	690	544	480	378	416
<b>Max</b>	803	674	426	703	667	835	924	918	730	608	591	651
<b>Min</b>	486	229	59	0.00	159	272	428	347	321	303	166	235
<b>Ac-ft</b>	38,750	29,700	14,950	20,160	23,990	37,930	49,890	42,440	32,350	29,530	23,240	24,780

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2013, BY WATER YEAR (WY)**

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	693	522	333	337	410	605	762	675	480	533	384	477
<b>Max</b>	833	605	412	393	483	696	860	739	550	780	434	575
<b>(WY)</b>	(2002)	(2002)	(2002)	(2002)	(2002)	(2008)	(2008)	(2001)	(2004)	(2011)	(2002)	(2001)
<b>Min</b>	617	455	200	211	295	412	660	613	345	428	325	398
<b>(WY)</b>	(2011)	(2012)	(2009)	(2010)	(2005)	(2001)	(2010)	(2005)	(2009)	(2007)	(2009)	(2008)

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

SUMMARY STATISTICS

	Calendar Year 2012		Water Year 2013		Water Years 2000 - 2013	
<b>Annual total</b>	192,123.6		185,385.00			
<b>Annual mean</b>	525		508		518	
<b>Highest annual mean</b>					563	2002
<b>Lowest annual mean</b>					478	2009
<b>Highest daily mean</b>	921	May 3	924	Apr 14	940	Apr 29, 2004
<b>Lowest daily mean</b>	5.6	Jan 11	0.00	Jan 16	0.00	Aug 10, 2004
<b>Annual seven-day minimum</b>	147	Dec 14	147	Dec 14	55	Jan 21, 2010
<b>Annual runoff (ac-ft)</b>	381,100		367,700		375,300	
<b>10 percent exceeds</b>	807		811		793	
<b>50 percent exceeds</b>	524		502		504	
<b>90 percent exceeds</b>	275		235		280	

