Water-Data Report 2007

09529420 SOUTH GILA TERMINAL CANAL WASTEWAY NR YUMA, AZ

Lower Colorado Basin
Lower Colorado Subbasin

LOCATION.--Lat 32°41′37″, long 114°34′50″ referenced to North American Datum of 1927, in SW ¼ SW ¼ NW ¼ sec.36, T.8 S., R.22 W., Yuma County, AZ, Hydrologic Unit 15030107.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--June 15,1966 to present, prior to 2005 monthly discharge only.

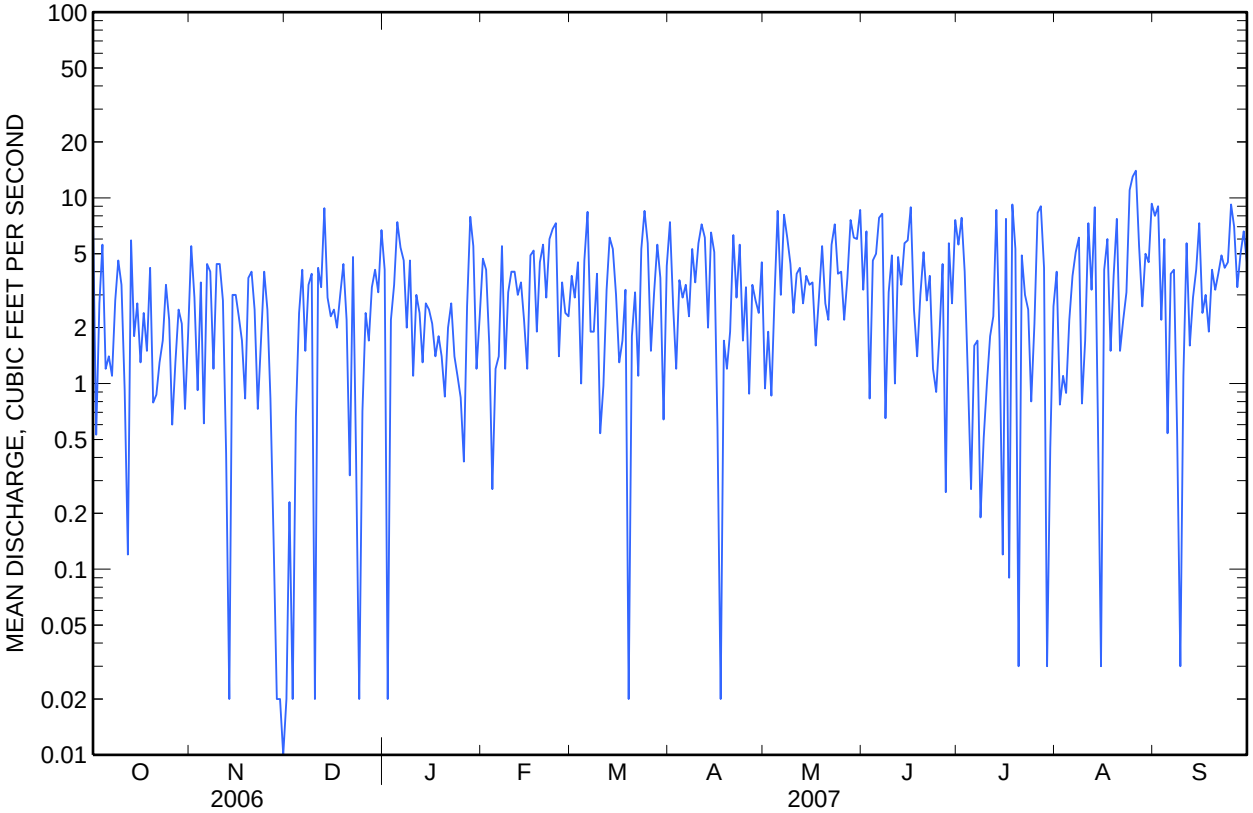
GAGE.--Acoustic flowmeter located in the pipe below the spillway and wasteway gate. The flow meter outputs discharge in cubic feet per second, to the DCP via analog signal.

REMARKS.--Record is rated fair. Record shows return flow from South Gila Canal of South Gila Valley.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 24 ft^3/s, Oct. 1, July 16, Aug. 26, Sept. 2, gage height, 24.18 ft; minimum daily discharge, 0.01 ft^3/s, Nov. 30.

09529420 SOUTH GILA TERMINAL CANAL WASTEWAY NR YUMA, AZ—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.8	5.5	0.02	4.1	4.7	3.8	7.4	0.94	3.2	5.6	4.0	8.0
2	0.53	2.9	0.23	0.02	4.1	2.9	2.6	1.9	6.6	7.8	0.77	9.0
3	2.7	0.92	0.02	2.2	1.6	4.5	1.2	0.86	0.83	4.0	1.1	2.2
4	5.6	3.5	0.66	3.4	0.27	1.0	3.6	3.0	4.6	1.1	0.89	6.0
5	1.2	0.61	2.4	7.4	1.2	4.6	2.9	8.5	5.0	0.27	2.2	0.54
6	1.4	4.4	4.1	5.4	1.4	8.4	3.4	3.0	7.8	1.6	3.8	3.9
7	1.1	4.0	1.5	4.6	5.5	1.9	2.3	8.1	8.2	1.7	5.1	4.1
8	2.8	1.2	3.4	2.0	1.2	1.9	5.3	6.1	0.65	0.19	6.1	0.53
9	4.6	4.4	3.9	4.6	3.1	3.9	3.5	4.4	3.1	0.51	0.78	0.03
10	3.4	4.4	0.02	1.1	4.0	0.54	5.7	2.4	4.9	1.0	1.7	1.1
11	0.92	2.8	4.2	3.0	4.0	0.97	7.2	3.9	1.0	1.8	7.3	5.7
12	0.12	0.42	3.3	2.4	3.0	3.2	6.1	4.2	4.8	2.3	3.2	1.6
13	5.9	0.02	8.8	1.3	3.5	6.1	2.0	2.7	3.4	8.6	8.9	2.9
14	1.8	3.0	2.9	2.7	2.2	5.3	6.5	3.8	5.7	1.7	0.69	4.1
15	2.7	3.0	2.3	2.5	1.2	3.0	5.1	3.4	5.9	0.12	0.03	7.3
16	1.3	2.3	2.5	2.1	4.9	1.3	0.58	3.5	8.9	7.7	4.1	2.4
17	2.4	1.7	2.0	1.4	5.2	1.7	0.02	1.6	2.5	0.09	6.0	3.0
18	1.5	0.83	3.0	1.8	1.9	3.2	1.7	2.9	1.4	9.2	1.5	1.9
19	4.2	3.7	4.4	1.4	4.5	0.02	1.2	5.5	3.0	5.3	3.8	4.1
20	0.79	4.0	2.2	0.85	5.6	1.8	1.9	2.7	5.1	0.03	7.7	3.2
21	0.87	2.5	0.32	2.0	2.9	3.1	6.3	2.2	2.8	4.9	1.5	3.9
22	1.3	0.73	4.8	2.7	6.0	1.1	2.9	5.6	3.8	3.0	2.2	4.9
23	1.7	1.7	0.41	1.4	6.8	5.3	5.6	7.2	1.2	2.5	3.1	4.2
24	3.4	4.0	0.02	1.1	7.3	8.5	1.7	3.9	0.90	0.80	11	4.5
25	2.2	2.5	0.71	0.84	1.4	5.7	3.3	4.0	1.8	2.1	13	9.2
26	0.60	0.83	2.4	0.38	3.5	1.5	0.88	2.2	4.4	8.3	14	7.0
27	1.3	0.14	1.7	2.6	2.4	3.1	3.4	3.7	0.26	9.0	5.5	3.3
28	2.5	0.02	3.3	7.9	2.3	5.6	2.8	7.6	5.7	4.2	2.6	5.0
29	2.1	0.02	4.1	5.5	---	3.7	2.4	6.1	2.7	0.03	5.0	6.6
30	0.73	0.01	3.1	1.2	---	0.64	4.5	6.0	7.6	0.45	4.5	4.5
31	1.8	---	6.7	2.3	---	4.3	---	8.6	---	2.6	9.3	---
Total	71.26	66.05	79.41	82.19	95.67	102.57	103.98	130.50	117.74	98.49	141.36	124.70
Mean	2.30	2.20	2.56	2.65	3.42	3.31	3.47	4.21	3.92	3.18	4.56	4.16
Max	7.8	5.5	8.8	7.9	7.3	8.5	7.4	8.6	8.9	9.2	14	9.2
Min	0.12	0.01	0.02	0.02	0.27	0.02	0.02	0.86	0.26	0.03	0.03	0.03
Ac-ft	141	131	158	163	190	203	206	259	234	195	280	247

09529420 SOUTH GILA TERMINAL CANAL WASTEWAY NR YUMA, AZ—Continued