

CALOOSAHATCHEE RIVER

02293243 COURTNEY CANAL AT CAPE CORAL, FL

LOCATION.--Lat 26°34'40", long 81°59'00", in SW ¼ SE ¼ SW ¼ sec.2, T.45 S., R.23 E., Lee County, Hydrologic Unit 03090205, near left bank on upstream side of wing wall of bridge at Mohawk Parkway, 200 ft west of 5th Avenue, 1.07 mi north of West Cape Coral Parkway and 3.15 mi upstream from Caloosahatchee River at Cape Coral.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--November 1986 to current year.

GAGE.--Electronic data logger. Datum of gage is National Geodetic Vertical Datum of 1929 (State Road Department bench mark).

REMARKS.--Records poor. Zero flow occurs for numerous days during all water years. Station subjected to major shifting of the stage discharge relationship based on heavy debris buildup on carp grates and installation/removal of stoplogs, which are installed on top of the weir. Removal of carp grates and stoplogs during high flow events also alters the stage discharge relationship.

ANNUAL MEAN and ANNUAL RUNOFF (AC-FT) SUMMARY STATISTICS.--Figures represent 17 complete water years of discharge (1988-2004).

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.72	3.60	3.36	4.36	4.48	4.61	3.75	4.21	4.01	4.39	5.08	5.09
2	4.65	3.57	3.32	4.43	4.47	4.60	3.88	4.24	4.05	4.48	5.37	5.14
3	4.71	3.57	3.27	4.39	4.44	4.55	3.87	4.25	4.13	4.44	5.39	5.07
4	4.68	3.69	3.21	4.35	4.39	4.51	3.76	4.31	4.32	4.44	5.51	4.79
5	4.64	3.71	3.38	4.33	4.36	4.54	3.65	4.27	4.21	4.40	5.34	4.76
6	4.61	3.78	3.42	4.34	4.42	4.48	3.56	4.21	4.07	4.39	5.37	4.98
7	4.57	3.95	3.40	4.32	4.40	4.43	3.44	4.30	4.12	4.37	5.14	5.08
8	4.51	4.01	3.41	4.27	4.35	4.43	3.38	4.27	4.70	4.31	4.99	5.03
9	4.45	3.99	3.39	4.37	4.30	4.40	3.49	4.19	4.83	4.39	4.88	4.96
10	4.48	4.00	3.35	4.37	4.31	4.35	3.54	4.09	4.67	4.32	4.85	4.96
11	4.42	3.98	3.42	4.34	4.28	4.33	3.49	4.01	4.64	4.26	4.85	4.86
12	4.38	3.92	3.62	4.31	4.26	4.42	3.65	3.88	4.50	4.36	4.76	4.80
13	4.31	3.88	3.68	4.31	4.37	4.39	3.82	3.71	4.44	4.30	5.21	4.74
14	4.28	3.98	3.97	4.28	4.35	4.35	3.90	3.76	4.74	4.23	5.51	4.71
15	4.23	3.95	4.42	4.25	4.41	4.31	3.93	3.70	4.88	4.18	5.11	4.67
16	4.17	3.88	4.54	4.35	4.40	4.32	4.13	3.56	4.91	4.29	5.10	4.64
17	4.20	3.80	4.78	4.34	4.38	4.35	4.14	3.45	4.84	4.25	5.36	4.63
18	4.17	3.71	4.68	4.50	4.33	4.33	4.09	3.40	4.79	4.26	5.42	4.60
19	4.05	3.63	4.70	4.59	4.32	4.40	4.01	3.31	4.63	4.35	5.31	4.59
20	3.94	3.61	4.61	4.53	4.44	4.35	3.94	3.23	4.52	4.49	5.14	4.56
21	3.81	3.71	4.54	4.44	4.41	4.31	3.81	3.32	4.44	4.54	5.08	4.58
22	3.65	3.66	4.49	4.40	4.38	4.29	3.72	3.37	4.40	4.52	5.06	4.59
23	3.52	3.56	4.45	4.47	4.35	4.24	3.81	3.25	4.34	4.66	5.24	4.57
24	3.52	3.48	4.47	4.43	4.35	4.14	3.78	3.09	4.37	4.58	5.30	4.59
25	3.42	3.43	4.50	4.38	4.48	4.05	3.62	2.92	4.46	4.53	5.30	4.57
26	3.29	3.37	4.61	4.35	4.64	4.14	3.52	2.72	4.44	4.58	5.17	4.57
27	3.18	3.32	4.62	4.38	4.68	4.12	3.52	2.69	4.41	4.66	5.07	4.64
28	3.23	3.48	4.57	4.36	4.65	4.00	3.46	3.20	4.42	4.71	5.05	4.64
29	3.41	3.50	4.55	4.33	4.62	3.90	3.37	3.61	4.39	4.89	5.01	4.59
30	3.44	3.41	4.51	4.41	---	3.84	3.79	3.79	4.44	4.94	4.97	4.57
31	3.57	---	4.39	4.46	---	3.79	---	3.92	---	4.91	4.95	---
TOTAL	126.21	111.13	125.63	135.74	128.02	133.27	111.82	114.23	134.11	138.42	159.89	142.57
MEAN	4.07	3.70	4.05	4.38	4.41	4.30	3.73	3.68	4.47	4.47	5.16	4.75
MAX	4.72	4.01	4.78	4.59	4.68	4.61	4.14	4.31	4.91	4.94	5.51	5.14
MIN	3.18	3.32	3.21	4.25	4.26	3.79	3.37	2.69	4.01	4.18	4.76	4.56

02293243 COURTNEY CANAL AT CAPE CORAL, FL-Continued

DISCHARGE NOT AVAILABLE AT TIME OF PUBLICATION