

Water-Data Report 2013

02293345 SHADROE CANAL AT CAPE CORAL, FL

Peace Basin
Charlotte Harbor Subbasin

LOCATION.--Lat 26°39'07", long 82°02'22" referenced to North American Datum of 1927, in SE ¼ SW ¼ SW ¼ sec.8, T.44 S., R.23 E., Lee County, FL, Hydrologic Unit 03100103, near right bank on downstream side of wingwall of bridge on Embers Parkway, 75 ft west of NW 29th Place, 0.28 mi east of State Road 765 (Burnt Store Road) and 0.3 mi upstream of weir, at Cape Coral.

DRAINAGE AREA.--Indeterminate.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--January 1987 to May 2013. Discontinued.

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

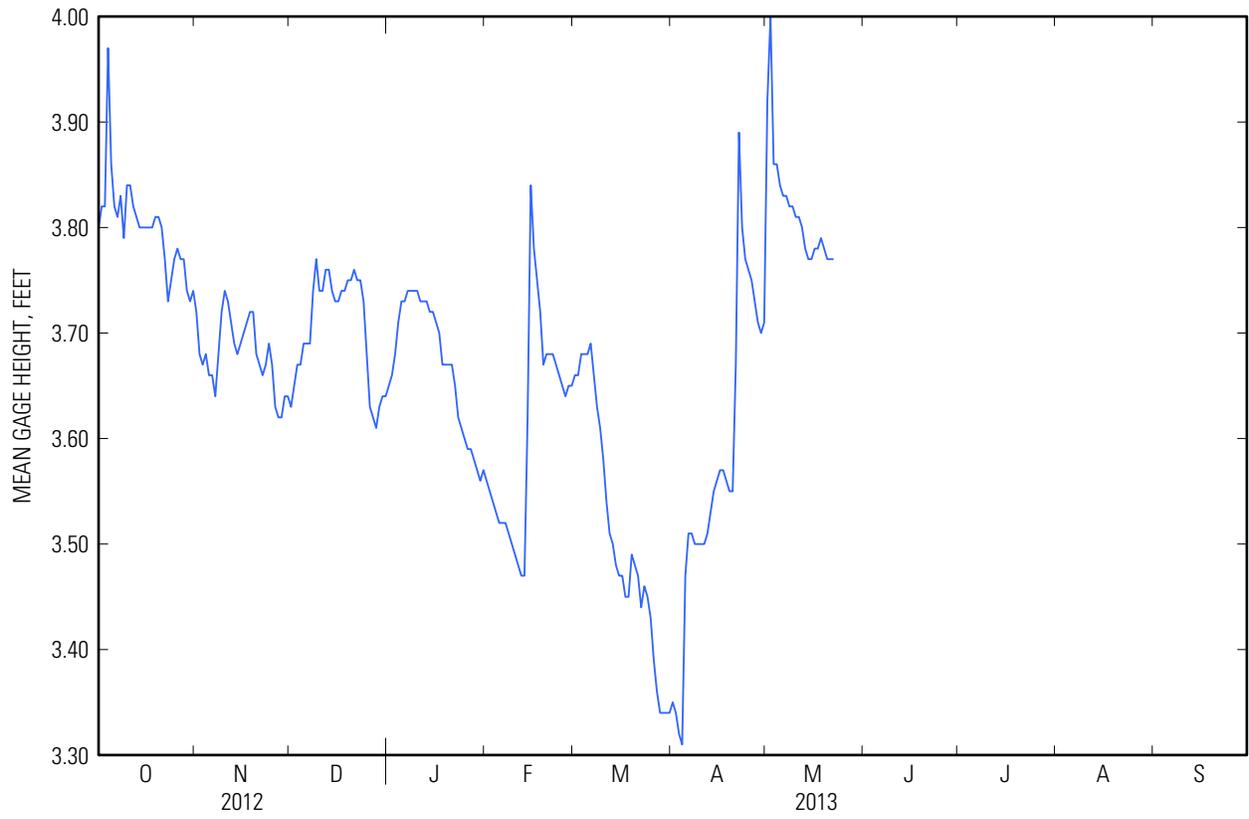
REMARKS.--Records poor due to adjustable weir bladder plates on top of weir structure. Plates were installed May 2006 to increase storage upstream of weir. Zero flow occurs for numerous days, during most water years.

02293345 SHADROE CANAL AT CAPE CORAL, FL—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	3.80	3.72	3.63	3.65	3.56	3.66	3.35	3.92	---	---	---	---
2	3.82	3.68	3.65	3.66	3.55	3.66	3.34	4.00	---	---	---	---
3	3.82	3.67	3.67	3.68	3.54	3.68	3.32	3.86	---	---	---	---
4	3.97	3.68	3.67	3.71	3.53	3.68	3.31	3.86	---	---	---	---
5	3.86	3.66	3.69	3.73	3.52	3.68	3.47	3.84	---	---	---	---
6	3.82	3.66	3.69	3.73	3.52	3.69	3.51	3.83	---	---	---	---
7	3.81	3.64	3.69	3.74	3.52	3.66	3.51	3.83	---	---	---	---
8	3.83	3.68	3.74	3.74	3.51	3.63	3.50	3.82	---	---	---	---
9	3.79	3.72	3.77	3.74	3.50	3.61	3.50	3.82	---	---	---	---
10	3.84	3.74	3.74	3.74	3.49	3.58	3.50	3.81	---	---	---	---
11	3.84	3.73	3.74	3.73	3.48	3.54	3.50	3.81	---	---	---	---
12	3.82	3.71	3.76	3.73	3.47	3.51	3.51	3.80	---	---	---	---
13	3.81	3.69	3.76	3.73	3.47	3.50	3.53	3.78	---	---	---	---
14	3.80	3.68	3.74	3.72	3.62	3.48	3.55	3.77	---	---	---	---
15	3.80	3.69	3.73	3.72	3.84	3.47	3.56	3.77	---	---	---	---
16	3.80	3.70	3.73	3.71	3.78	3.47	3.57	3.78	---	---	---	---
17	3.80	3.71	3.74	3.70	3.75	3.45	3.57	3.78	---	---	---	---
18	3.80	3.72	3.74	3.67	3.72	3.45	3.56	3.79	---	---	---	---
19	3.81	3.72	3.75	3.67	3.67	3.49	3.55	3.78	---	---	---	---
20	3.81	3.68	3.75	3.67	3.68	3.48	3.55	3.77	---	---	---	---
21	3.80	3.67	3.76	3.67	3.68	3.47	3.67	3.77	---	---	---	---
22	3.77	3.66	3.75	3.65	3.68	3.44	3.89	3.77	---	---	---	---
23	3.73	3.67	3.75	3.62	3.67	3.46	3.80	---	---	---	---	---
24	3.75	3.69	3.73	3.61	3.66	3.45	3.77	---	---	---	---	---
25	3.77	3.67	3.68	3.60	3.65	3.43	3.76	---	---	---	---	---
26	3.78	3.63	3.63	3.59	3.64	3.39	3.75	---	---	---	---	---
27	3.77	3.62	3.62	3.59	3.65	3.36	3.73	---	---	---	---	---
28	3.77	3.62	3.61	3.58	3.65	3.34	3.71	---	---	---	---	---
29	3.74	3.64	3.63	3.57	---	3.34	3.70	---	---	---	---	---
30	3.73	3.64	3.64	3.56	---	3.34	3.71	---	---	---	---	---
31	3.74	---	3.64	3.57	---	3.34	---	---	---	---	---	---
Total	117.80	110.39	114.82	113.78	101.00	108.73	107.25	---	---	---	---	---
Mean	3.80	3.68	3.70	3.67	3.61	3.51	3.58	---	---	---	---	---
Max	3.97	3.74	3.77	3.74	3.84	3.69	3.89	---	---	---	---	---
Min	3.73	3.62	3.61	3.56	3.47	3.34	3.31	---	---	---	---	---

02293345 SHADROE CANAL AT CAPE CORAL, FL—Continued



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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	4.3	36	0.18	0.00	10	0.00	0.00	62	---	---	---	---
2	23	16	3.6	0.04	0.00	0.00	0.00	77	---	---	---	---
3	46	5.9	3.8	0.46	0.00	0.59	0.00	21	---	---	---	---
4	137	19	2.8	3.1	0.00	0.66	0.00	19	---	---	---	---
5	92	12	10	5.9	0.00	0.62	0.00	15	---	---	---	---
6	65	0.41	18	7.9	0.00	1.1	0.00	12	---	---	---	---
7	72	0.08	11	8.1	0.00	0.22	0.00	13	---	---	---	---
8	90	3.1	19	6.4	0.00	0.00	0.00	11	---	---	---	---
9	42	6.7	39	6.5	0.00	0.00	0.00	10	---	---	---	---
10	35	12	21	6.3	0.00	0.00	0.00	9.1	---	---	---	---
11	41	18	7.1	5.9	0.00	0.00	0.00	8.3	---	---	---	---
12	37	22	9.0	7.6	0.00	0.00	0.00	7.7	---	---	---	---
13	34	11	8.8	10	0.00	0.00	0.00	3.9	---	---	---	---
14	32	1.4	7.1	8.2	15	0.00	0.00	2.2	---	---	---	---
15	24	4.3	7.5	7.9	30	0.00	0.00	2.4	---	---	---	---
16	18	4.5	11	14	17	0.00	0.00	3.4	---	---	---	---
17	18	9.5	9.6	20	11	0.00	0.00	4.0	---	---	---	---
18	18	23	6.4	10	7.2	0.00	0.00	4.9	---	---	---	---
19	22	35	7.6	3.0	2.3	0.00	0.00	4.4	---	---	---	---
20	31	15	8.1	9.8	4.7	0.00	0.00	2.2	---	---	---	---
21	39	1.7	12	20	5.9	0.00	8.4	2.8	---	---	---	---
22	42	5.5	19	13	6.8	0.00	30	2.3	---	---	---	---
23	19	13	33	0.00	7.4	0.00	7.6	---	---	---	---	---
24	11	28	46	0.00	7.4	0.00	2.5	---	---	---	---	---
25	19	33	46	0.00	3.8	0.00	1.0	---	---	---	---	---
26	18	13	15	0.13	0.00	0.00	0.69	---	---	---	---	---
27	19	0.09	0.00	1.8	0.00	0.00	0.20	---	---	---	---	---
28	26	3.5	0.00	2.5	0.00	0.00	0.00	---	---	---	---	---
29	16	14	0.00	0.00	---	0.00	0.00	---	---	---	---	---
30	13	9.0	0.00	0.91	---	0.00	0.88	---	---	---	---	---
31	27	---	0.00	9.4	---	0.00	---	---	---	---	---	---
Total	1,130.3	375.68	381.58	188.84	128.50	3.19	51.27	---	---	---	---	---
Mean	36.5	12.5	12.3	6.09	4.59	0.10	1.71	---	---	---	---	---
Max	137	36	46	20	30	1.1	30	---	---	---	---	---
Min	4.3	0.08	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---
Ac-ft	2,240	745	757	375	255	6.3	102	---	---	---	---	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2013, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	15.9	6.40	4.75	4.64	4.42	3.77	2.56	2.98	12.1	22.2	22.2	27.4
Max	114	27.2	28.5	19.3	38.2	19.4	10.4	14.8	53.8	63.6	68.4	94.2
(WY)	(1996)	(2003)	(2003)	(1998)	(1998)	(2010)	(2010)	(2003)	(2003)	(1995)	(1995)	(2006)
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.31	3.43	3.77
(WY)	(2008)	(2008)	(1991)	(2007)	(2007)	(2007)	(2007)	(1999)	(2007)	(1988)	(1989)	(1990)

02293345 SHADROE CANAL AT CAPE CORAL, FL—Continued

SUMMARY STATISTICS

	Calendar Year 2012		Water Years 1987 - 2013	
Annual total	5,189.00			
Annual mean	14.2		10.5	
Highest annual mean			24.5	2003
Lowest annual mean			3.70	1990
Highest daily mean	137	Oct 4	903	Jul 23, 2001
Lowest daily mean	0.00	Jan 4	0.00	May 9, 1988
Annual seven-day minimum	0.00	Jan 4	0.00	Jun 1, 1988
Annual runoff (ac-ft)	10,290		7,600	
10 percent exceeds	43		22	
50 percent exceeds	3.4		3.6	
90 percent exceeds	0.00		0.00	

