

CONOCOCHEAGUE CREEK BASIN

01614137 DENNIS CREEK NEAR CHAMBERSBURG, PA

LOCATION.--Lat 39°56'51", long 77°44'26", Franklin County, Hydrologic Unit 02070004, on left bank 160 ft upstream from bridge on Township Route 458, 250 ft upstream from Back Creek, and 4.2 mi west of Chambersburg.

DRAINAGE AREA.--13.2 mi².

PERIOD OF RECORD.--April 1997 to May 2001, published as a partial-record station. June 2001 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 540 ft above sea level, from topographic map.

REMARKS.--No estimated daily discharges. Records fair. Several measurements of water temperature were made during the year. Satellite telemetry at station.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than a base discharge of 150 ft³/s and maximum (*):

Date	Time	Discharge ft ³ /s	Gage Height (ft)	Date	Time	Discharge ft ³ /s	Gage Height (ft)
June 23	0200	*392	*4.42	No other peak greater than base discharge.			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	e11	17	3.9	2.7
2	---	---	---	---	---	---	---	---	12	15	3.8	2.9
3	---	---	---	---	---	---	---	---	12	14	4.0	2.9
4	---	---	---	---	---	---	---	---	10	15	3.9	2.8
5	---	---	---	---	---	---	---	---	9.7	14	4.1	2.7
6	---	---	---	---	---	---	---	---	9.2	12	3.8	2.6
7	---	---	---	---	---	---	---	---	9.1	11	3.3	2.6
8	---	---	---	---	---	---	---	---	8.2	10	3.2	2.6
9	---	---	---	---	---	---	---	---	7.8	9.5	3.2	2.8
10	---	---	---	---	---	---	---	---	7.8	9.9	3.2	2.8
11	---	---	---	---	---	---	---	---	7.3	9.3	3.2	2.8
12	---	---	---	---	---	---	---	---	7.1	8.3	3.8	2.7
13	---	---	---	---	---	---	---	---	6.9	7.6	3.6	2.6
14	---	---	---	---	---	---	---	---	7.0	7.6	3.8	2.5
15	---	---	---	---	---	---	---	---	7.1	7.3	3.3	2.5
16	---	---	---	---	---	---	---	---	6.6	7.0	3.4	2.4
17	---	---	---	---	---	---	---	---	6.4	6.2	3.5	2.4
18	---	---	---	---	---	---	---	---	5.8	6.0	3.1	2.4
19	---	---	---	---	---	---	---	---	5.3	5.9	4.7	2.5
20	---	---	---	---	---	---	---	---	5.8	5.7	6.6	2.9
21	---	---	---	---	---	---	---	---	7.1	5.2	3.9	2.8
22	---	---	---	---	---	---	---	---	80	5.1	3.8	2.7
23	---	---	---	---	---	---	---	---	189	5.0	3.8	2.6
24	---	---	---	---	---	---	---	---	62	4.9	3.4	3.1
25	---	---	---	---	---	---	---	---	40	4.5	3.4	3.8
26	---	---	---	---	---	---	---	---	29	5.2	3.3	3.1
27	---	---	---	---	---	---	---	---	24	4.5	3.3	2.9
28	---	---	---	---	---	---	---	---	21	4.1	3.1	2.8
29	---	---	---	---	---	---	---	---	19	4.6	2.9	2.7
30	---	---	---	---	---	---	---	---	17	4.4	2.8	2.6
31	---	---	---	---	---	---	---	---	---	4.3	2.9	---
TOTAL	---	---	---	---	---	---	---	---	650.2	250.1	112.0	82.2
MEAN	---	---	---	---	---	---	---	---	21.7	8.07	3.61	2.74
MAX	---	---	---	---	---	---	---	---	189	17	6.6	3.8
MIN	---	---	---	---	---	---	---	---	5.3	4.1	2.8	2.4
CFSM	---	---	---	---	---	---	---	---	1.64	.61	.27	.21
IN.	---	---	---	---	---	---	---	---	1.83	.70	.32	.23

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2001, BY WATER YEAR (WY)

MEAN	---	---	---	---	---	---	---	---	21.7	8.07	3.61	2.74
MAX	---	---	---	---	---	---	---	---	21.7	8.07	3.61	2.74
(WY)	---	---	---	---	---	---	---	---	2001	2001	2001	2001
MIN	---	---	---	---	---	---	---	---	21.7	8.07	3.61	2.74
(WY)	---	---	---	---	---	---	---	---	2001	2001	2001	2001

e Estimated.

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01614137 DENNIS CREEK NEAR CHAMBERSBURG, PA--Continued

