



2005 Water Year
WEST CONEWAGO CREEK BASIN

01573849 Bermudian Creek at Oxford Road nr Heidlersburg, PA

Latitude: 39° 58 ' 48"

Longitude: 077° 09 ' 16"

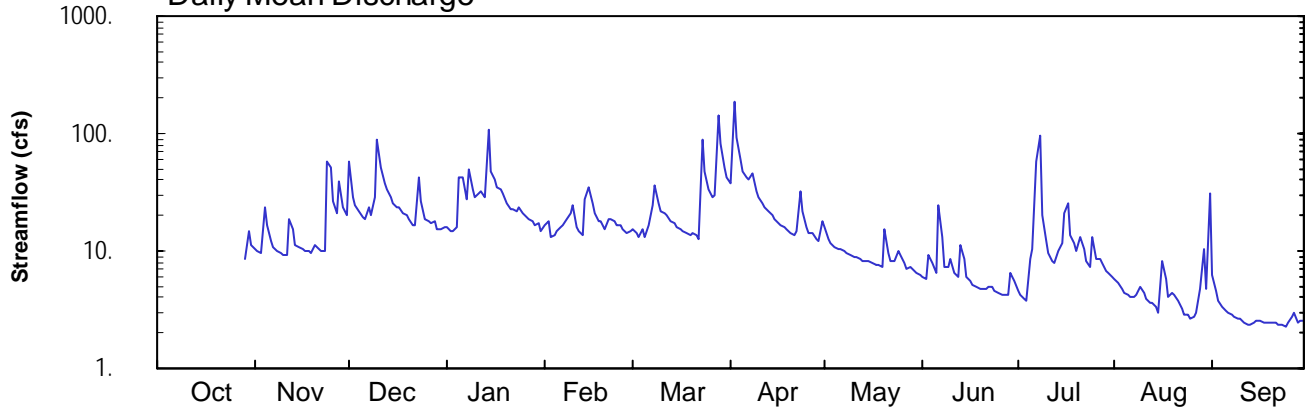
Hydrologic Unit Code: 02050306

Adams County

Datum: 620 feet

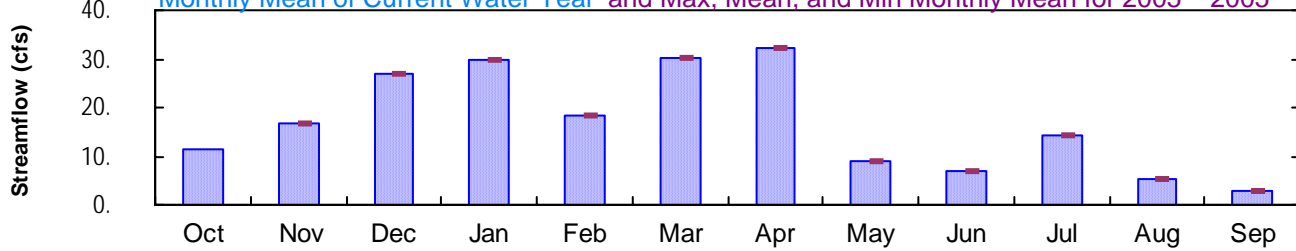
Drainage Area: 10.2 mi²

Daily Mean Discharge



Monthly Statistics

Monthly Mean of Current Water Year and Max, Mean, and Min Monthly Mean for 2005 – 2005



WEST CONEWAGO CREEK BASIN

01573849 BERMUDIAN CREEK AT OXFORD ROAD NEAR HEIDLERSBURG, PA

LOCATION.--Lat 39°58'48", long 77°09'16", Adams County, Hydrologic Unit 02050306, on left bank at bridge on Oxford Road (SR1016), 2.2 mi north of Heidlersburg.

DRAINAGE AREA.--10.2 mi².

PERIOD OF RECORD.--October 2004 to current year.

GAGE.--Water-stage recorder, crest-stage gage, and concrete control. Datum of gage is 620 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Satellite telemetry at station. Other data collected near this station as part of the Pennsylvania fluvial geomorphic reference reach network project also are presented in this report on pages 457-463.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than a base discharge of 200 ft³/s and maximum (*):

Date	Time	Discharge ft ³ /s	Gage Height (ft)	Date	Time	Discharge ft ³ /s	Gage Height (ft)
Mar. 23	1600	211	3.73	Apr. 2	1415	*455	*4.70
Mar. 28	1615	373	4.41	July 7	2200	367	4.39

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	10	57	16	e16	16	37	16	5.9	4.5	5.8	6.2
2	---	9.8	29	15	e18	14	188	12	5.8	4.2	5.3	4.6
3	---	9.8	25	15	e13	13	91	12	9.4	3.9	4.8	3.8
4	---	24	22	16	e14	e15	59	11	8.0	3.7	4.5	3.4
5	---	17	20	42	e15	13	48	10	6.6	8.4	4.2	3.1
6	---	12	18	43	e16	17	42	10	25	11	4.0	2.9
7	---	11	24	27	17	24	41	10	13	57	4.0	2.9
8	---	10	20	49	19	37	46	9.5	7.3	98	4.2	2.8
9	---	9.6	28	34	21	25	33	9.2	7.4	20	4.9	2.7
10	---	9.3	90	29	25	22	29	9.0	8.7	12	4.3	2.6
11	---	9.3	52	31	16	21	26	8.9	6.6	9.6	3.9	2.5
12	---	18	38	32	15	20	23	8.5	6.0	8.3	3.7	2.4
13	---	16	33	28	14	18	22	8.2	11	7.8	3.7	2.4
14	---	11	29	110	28	17	20	8.4	8.6	10	3.4	2.4
15	---	11	26	48	35	16	19	8.2	6.1	12	3.0	2.6
16	---	10	23	41	25	15	18	7.9	5.5	21	8.2	2.5
17	---	10	23	35	21	15	17	7.7	5.2	25	5.8	2.5
18	---	9.9	21	e34	18	14	16	7.6	4.9	14	4.1	2.4
19	---	9.7	20	e31	e18	14	15	7.4	4.8	12	4.3	2.4
20	---	11	e19	e26	15	14	14	15	4.8	10	4.3	2.5
21	---	11	16	e23	19	14	14	9.7	4.7	13	3.7	2.5
22	---	10	17	e23	18	13	15	8.3	5.0	11	3.2	2.4
23	---	10	42	e22	18	89	32	8.4	4.9	8.3	2.9	2.4
24	---	57	26	e24	16	47	22	10	4.5	7.4	2.8	2.3
25	---	51	19	e21	17	33	16	9.4	4.4	13	2.7	2.5
26	---	26	e18	e19	15	29	14	8.0	4.2	8.5	2.7	2.8
27	---	21	e17	e19	14	30	14	7.2	4.2	8.5	3.0	3.0
28	---	40	e18	e18	15	141	12	7.2	4.2	7.8	4.8	2.4
29	e8.5	23	15	e16	---	82	12	6.9	6.4	6.7	11	2.6
30	15	20	15	e17	---	51	18	6.5	5.7	6.4	4.8	2.6
31	11	---	16	e15	---	43	---	6.3	---	6.1	31	---
TOTAL	34.5	507.4	836	919	511	932	973	284.4	208.8	449.1	163.0	85.1
MEAN	11.5	16.9	27.0	29.6	18.2	30.1	32.4	9.17	6.96	14.5	5.26	2.84
MAX	15	57	90	110	35	141	188	16	25	98	31	6.2
MIN	8.5	9.3	15	15	13	13	12	6.3	4.2	3.7	2.7	2.3
CFSM	1.13	1.66	2.64	2.91	1.79	2.95	3.18	0.90	0.68	1.42	0.52	0.28
IN.	0.13	1.85	3.05	3.35	1.86	3.40	3.55	1.04	0.76	1.64	0.59	0.31

STATISTICS OF MONTHLY MEAN DATA FOR PERIOD OF DAILY RECORD, BY WATER YEAR (WY)

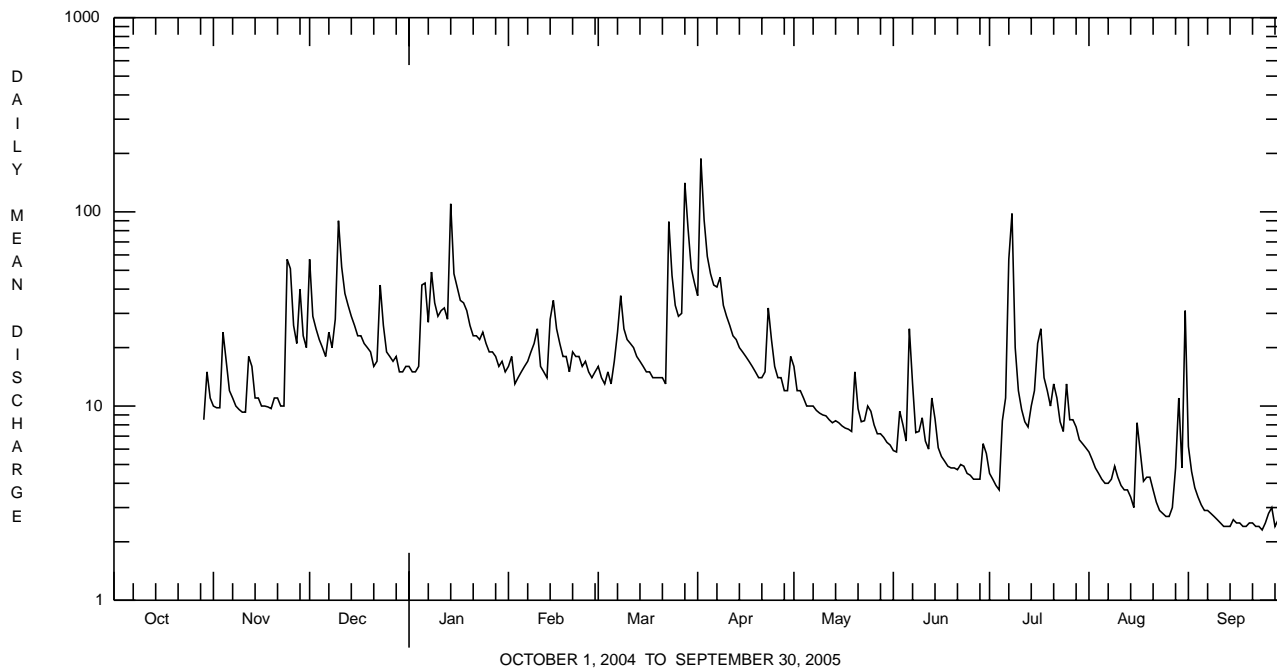
MEAN	---	16.9	27.0	29.6	18.2	30.1	32.4	9.17	6.96	14.5	5.26	2.84
MAX	---	16.9	27.0	29.6	18.2	30.1	32.4	9.17	6.96	14.5	5.26	2.84
(WY)	---	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005
MIN	---	16.9	27.0	29.6	18.2	30.1	32.4	9.17	6.96	14.5	5.26	2.84
(WY)	---	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005

e Estimated.

WEST CONEWAGO CREEK BASIN

01573849 BERMUDIAN CREEK AT OXFORD ROAD NEAR HEIDLEBURG, PA--Continued

SUMMARY STATISTICS	FOR PERIOD OF DAILY RECORD	
HIGHEST DAILY MEAN	188	Apr 2
LOWEST DAILY MEAN	2.3	Sep 24
ANNUAL SEVEN-DAY MINIMUM	2.4	Sep 18
MAXIMUM PEAK FLOW	455	Apr 2
MAXIMUM PEAK STAGE	4.70	Apr 2
INSTANTANEOUS LOW FLOW	2.2	Sep 13,14,24



OCTOBER 1, 2004 TO SEPTEMBER 30, 2005