

CONESTOGA RIVER BASIN

01576712 LITTLE CONESTOGA CREEK NEAR MILLERSVILLE, PA

LOCATION.--Lat 40°01'15", long 76°21'33", Lancaster County, Hydrologic Unit 02050306, on right bank, 150 ft downstream from highway bridge on State Route 741, 7.9 mi upstream from confluence with Conestoga River, and 2.0 mi north of Millersville.

DRAINAGE AREA.--42.3 mi².

PERIOD OF RECORD.--January 2003 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 270 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records good except those for estimated daily discharges, which are fair. Satellite telemetry at station.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than a base discharge of 500 ft³/s and maximum (*):

Date	Time	Discharge ft ³ /s	Gage Height (ft)	Date	Time	Discharge ft ³ /s	Gage Height (ft)
Feb. 22	1730	536	8.09	June 20	2130	644	8.73
Mar. 21	0000	611	8.54	Aug. 16	1615	654	8.79
June 4	0915	577	8.34	Sept. 23	1030	*1,290	*12.14
June 7	1630	502	7.90				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	51	71	87	54	71	63	35	42
2	---	---	---	---	51	108	85	54	59	63	31	148
3	---	---	---	---	50	138	83	49	64	57	30	68
4	---	---	---	---	e60	94	75	49	278	55	36	100
5	---	---	---	---	54	103	70	47	148	57	33	63
6	---	---	---	---	47	255	65	48	107	56	56	55
7	---	---	---	---	47	146	71	46	223	64	40	49
8	---	---	---	---	42	121	74	58	144	52	32	44
9	---	---	---	---	40	192	89	57	110	49	36	40
10	---	---	---	---	39	150	77	59	101	55	34	39
11	---	---	---	---	41	111	178	51	93	50	63	36
12	---	---	---	---	40	107	117	47	83	47	40	34
13	---	---	---	---	35	135	96	44	81	45	31	55
14	---	---	---	---	34	133	92	41	80	42	29	53
15	---	---	---	74	36	125	94	39	77	39	27	63
16	---	---	---	70	28	123	89	63	69	37	202	47
17	---	---	---	68	52	120	77	54	66	36	75	40
18	---	---	---	67	59	102	81	44	77	34	49	43
19	---	---	---	65	54	91	76	41	78	35	40	e125
20	---	---	---	66	40	217	70	39	280	33	37	73
21	---	---	---	62	41	265	68	53	218	50	34	61
22	---	---	---	60	234	146	75	42	137	136	56	56
23	---	---	---	54	221	123	64	46	110	75	46	744
24	---	---	---	58	152	106	61	74	93	98	31	153
25	---	---	---	56	112	98	59	60	91	46	30	112
26	---	---	---	49	90	110	115	168	79	40	30	122
27	---	---	---	51	78	104	74	84	80	37	31	96
28	---	---	---	50	74	96	62	79	75	37	27	92
29	---	---	---	50	---	96	60	68	68	34	26	83
30	---	---	---	60	---	130	56	61	64	32	30	74
31	---	---	---	51	---	106	---	62	---	38	26	---
TOTAL	---	---	---	1011	1902	4022	2440	1781	3304	1592	1323	2810
MEAN	---	---	---	59.5	67.9	130	81.3	57.5	110	51.4	42.7	93.7
MAX	---	---	---	74	234	265	178	168	280	136	202	744
MIN	---	---	---	49	28	71	56	39	59	32	26	34
CFSM	---	---	---	1.41	1.61	3.07	1.92	1.36	2.60	1.21	1.01	2.21
IN.	---	---	---	0.89	1.67	3.54	2.15	1.57	2.91	1.40	1.16	2.47

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

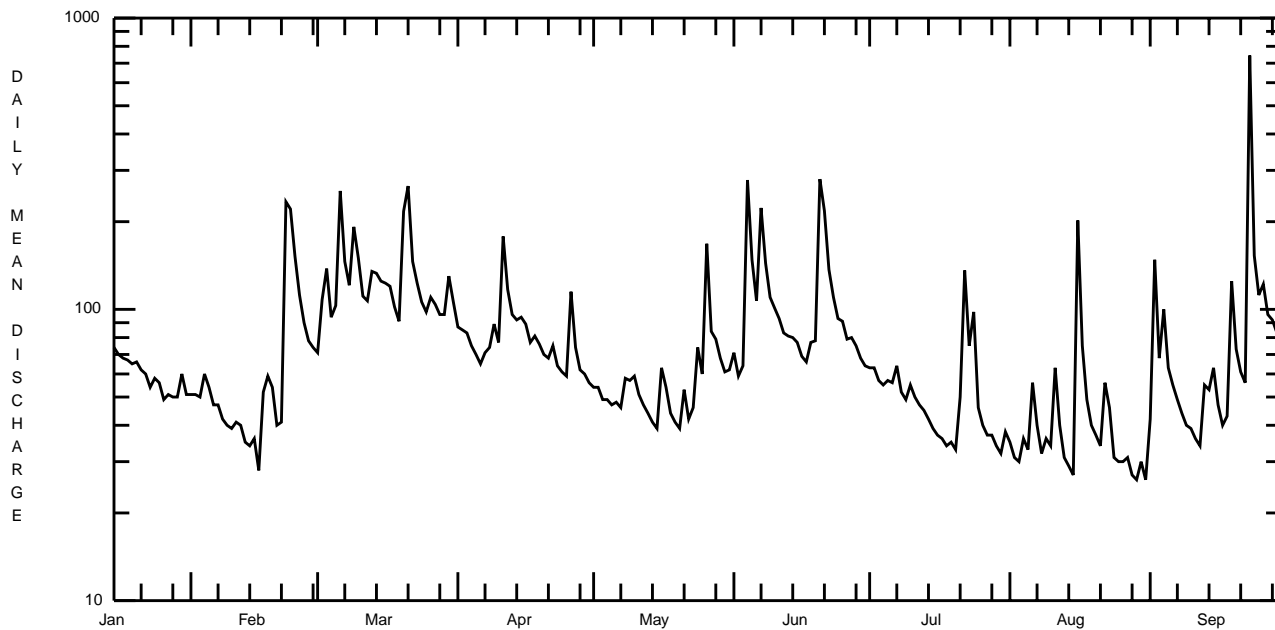
	---	---	---	59.5	67.9	130	81.3	57.5	110	51.4	42.7	93.7
MEAN	---	---	---	59.5	67.9	130	81.3	57.5	110	51.4	42.7	93.7
MAX	---	---	---	2003	2003	2003	2003	2003	2003	2003	2003	2003
(WY)	---	---	---	59.5	67.9	130	81.3	57.5	110	51.4	42.7	93.7
MIN	---	---	---	2003	2003	2003	2003	2003	2003	2003	2003	2003
(WY)	---	---	---	2003	2003	2003	2003	2003	2003	2003	2003	2003

e Estimated.

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SUMMARY STATISTICS	FOR PERIOD OF DAILY RECORD	
ANNUAL TOTAL	20185	
ANNUAL MEAN	77.9	
HIGHEST DAILY MEAN	744	Sep 23
LOWEST DAILY MEAN	26	Aug 29, 31
ANNUAL SEVEN-DAY MINIMUM	29	Aug 25
MAXIMUM PEAK FLOW	1290	Sep 23
MAXIMUM PEAK STAGE	12.14	Sep 23
INSTANTANEOUS LOW FLOW	17	Feb 16
ANNUAL RUNOFF (CFSM)	1.84	
ANNUAL RUNOFF (INCHES)	17.76	
10 PERCENT EXCEEDS	135	
50 PERCENT EXCEEDS	62	
90 PERCENT EXCEEDS	35	



JANUARY 15, 2003 TO SEPTEMBER 30, 2003