

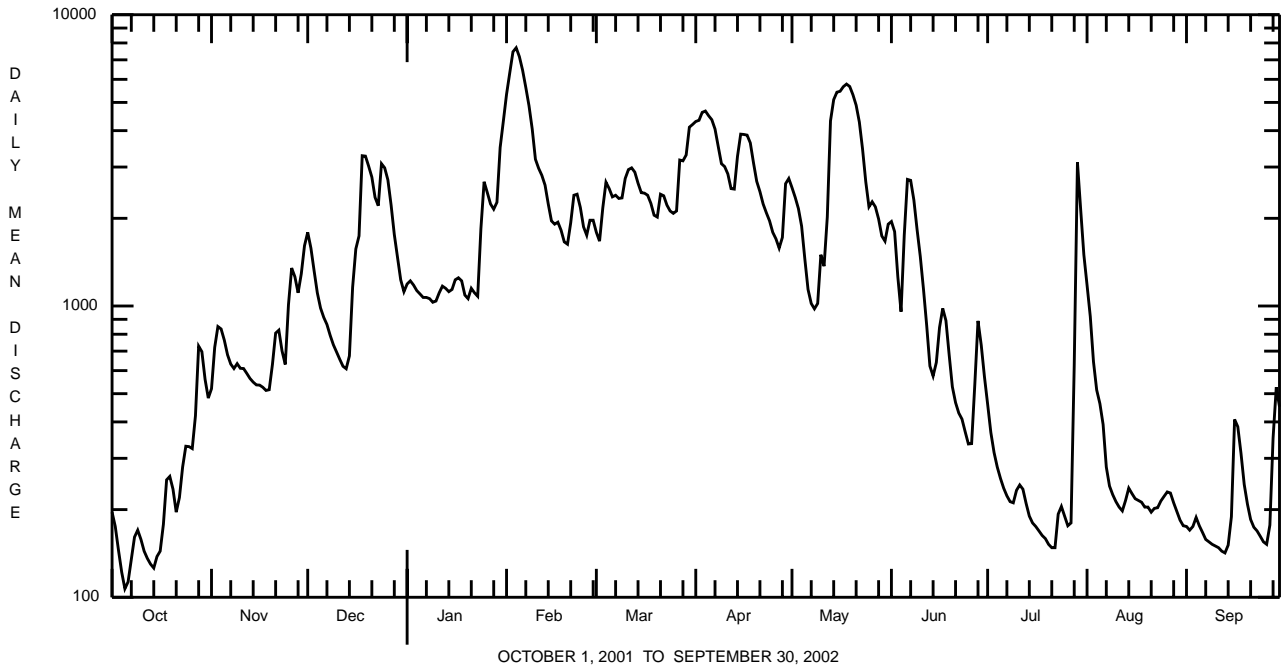


CONEWANGO CREEK BASIN

03015000 CONEWANGO CREEK AT RUSSELL, PA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1940 - 2002	
ANNUAL TOTAL	384301		550942			
ANNUAL MEAN	1053		1509		1525	
HIGHEST ANNUAL MEAN					2057	1943
LOWEST ANNUAL MEAN					915	1999
HIGHEST DAILY MEAN	4820	Feb 15	7700	Feb 4	14700	Jan 10 1998
LOWEST DAILY MEAN	78	Aug 15 <sup>a</sup>	107	Oct 5	57	Oct 17 1960
ANNUAL SEVEN-DAY MINIMUM	83	Sep 15	136	Oct 3	59	Oct 12 1960
MAXIMUM PEAK FLOW			7780	Feb 4	<sup>b</sup> 14900	Jan 10 1998
MAXIMUM PEAK STAGE			8.49	Feb 4	<sup>c</sup> 10.88	Jan 10 1998
ANNUAL RUNOFF (CFSM)	1.29		1.85		1.87	
ANNUAL RUNOFF (INCHES)	17.52		25.12		25.40	
10 PERCENT EXCEEDS	2710		3360		3780	
50 PERCENT EXCEEDS	674		1070		1000	
90 PERCENT EXCEEDS	108		175		160	

- <sup>a</sup> Also Aug. 16, Sept. 19.
- <sup>b</sup> From rating curve extended above 13,000 ft<sup>3</sup>/s.
- <sup>c</sup> From peak-stage indicator.



CONEWANGO CREEK BASIN

03015000 CONEWANGO CREEK AT RUSSELL, PA--Continued  
(Pennsylvania Water-Quality Network Station)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--April 2002 to current year.

REMARKS.--Other data for the Water-Quality Network can be found on pages 210-233.

COOPERATION.--Samples were collected as part of the Pennsylvania Department of Environmental Protection Water Quality Network (WQN) with cooperation from the Pennsylvania Department of Environmental Protection.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY ANA-LYZING SAMPLE NUMBER (00028)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAM-PLING METHOD, CODES (82398)	OXYGEN, DIS-SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (µS/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM TOTAL RECOV-ERABLE (MG/L AS CA) (00916)	MAGNE-SIUM, TOTAL RECOV-ERABLE (MG/L AS MG) (00927)	ANC WATER UNFLTRD FET LAB (MG/L AS CACO3) (00417)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)
APR 2002													
15...	1230	9813	3914	40	9.8	7.3	178	11.1	77	24.3	3.9	50	11.5
JUN 26...	1300	9813	333	40	7.7	7.7	304	23.5	140	41.7	7.4	106	14.9
AUG 20...	1400	9813	205	40	8.6	7.9	344	24.2	130	41.1	7.2	106	17.3

Date	RESIDUE AT 105 DEG. C, DIS-SOLVED (MG/L) (00515)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	NITRO-GEN, AMMONIA (MG/L AS N) (00610)	NITRO-GEN, NITRATE (MG/L AS N) (00620)	NITRO-GEN, NITRITE (MG/L AS N) (00615)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-ORUS, ORTHO TOTAL (MG/L AS P) (70507)	PHOS-ORUS, TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	COPPER, TOTAL RECOV-ERABLE (µG/L AS CU) (01042)	IRON, TOTAL RECOV-ERABLE (µG/L AS FE) (01045)	MANGA-NESE, TOTAL RECOV-ERABLE (µG/L AS MN) (01055)
APR 2002												
15...	144	62	.040	.46	<.040	.99	.07	.090	5.2	<10	1850	90
JUN 26...	206	6	<.020	.94	.040	1.4	.02	.070	4.0	<10	620	120
AUG 20...	244	<2	<.020	.73	<.040	1.4	.06	.140	4.9	<10	560	130

Date	NICKEL, TOTAL RECOV-ERABLE (µG/L AS NI) (01067)	ZINC, TOTAL RECOV-ERABLE (µG/L AS ZN) (01092)
APR 2002		
15...	<50	<10
JUN 26...	<50	<10
AUG 20...	<50	<10