

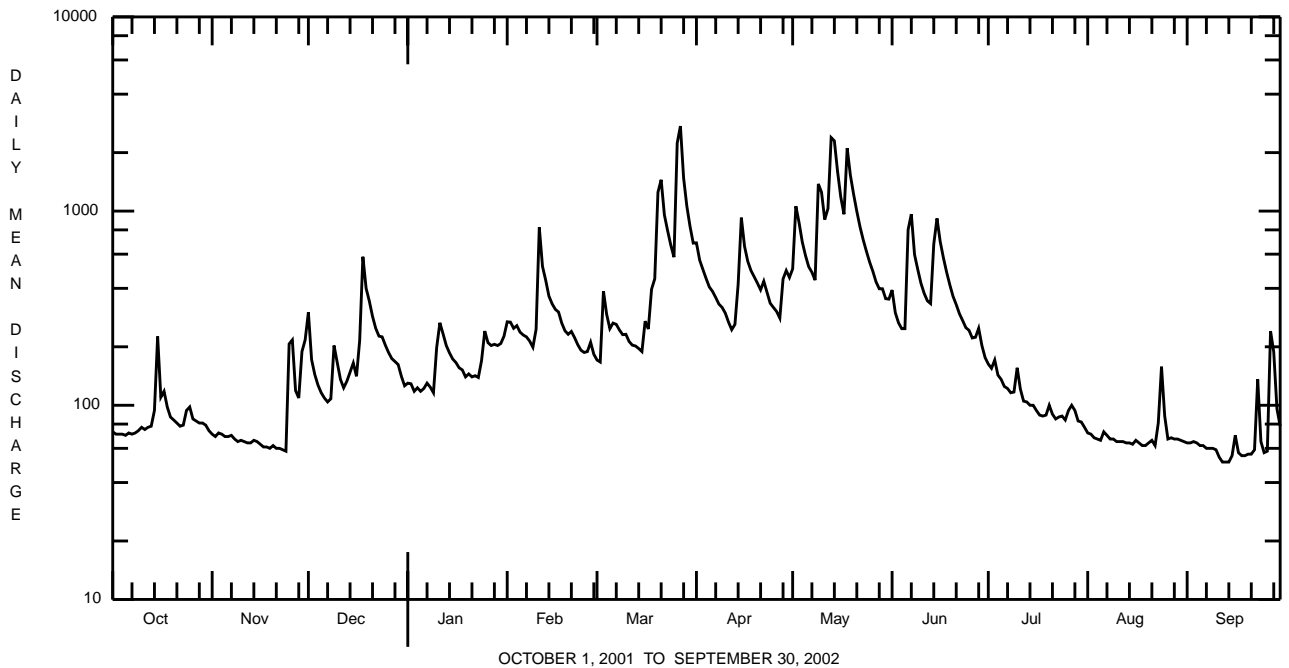


JUNIATA RIVER BASIN

01558000 LITTLE JUNIATA RIVER AT SPRUCE CREEK, PA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1939 - 2002	
ANNUAL TOTAL	88043		106199			
ANNUAL MEAN	241		291		373	
HIGHEST ANNUAL MEAN					630	1972
LOWEST ANNUAL MEAN					248	1966
HIGHEST DAILY MEAN	1770	Apr 16	2740	Mar 27	21100	Jun 23 1972
LOWEST DAILY MEAN	58	Nov 24	51	Sep 12-14	31	Sep 12 1995
ANNUAL SEVEN-DAY MINIMUM	60	Nov 18	54	Sep 9	34	Sep 7 1995
MAXIMUM PEAK FLOW			6150	Mar 26	a28600	Jun 23 1972
MAXIMUM PEAK STAGE			8.04	Mar 26	16.98	Jun 23 1972
INSTANTANEOUS LOW FLOW			50	Sep 12-15	45	Sep 26 1943b
ANNUAL RUNOFF (CFSM)	1.10		1.32		1.70	
ANNUAL RUNOFF (INCHES)	14.89		17.96		23.04	
10 PERCENT EXCEEDS	590		671		805	
50 PERCENT EXCEEDS	136		171		219	
90 PERCENT EXCEEDS	71		64		83	

a From rating curve, then in use, extended above 5,600 ft<sup>3</sup>/s on basis of slope-area measurement at gage height 15.77 ft.  
 b Also Oct. 4, 1949.



JUNIATA RIVER BASIN

01558000 LITTLE JUNIATA RIVER AT SPRUCE CREEK, 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 306-334.

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 (CODE NUMBER)	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													
16...	1415	9813	650	30	12.0	8.8	183	15.1	67	18.0	5.5	48	18.9
JUN													
25...	1345	9813	240	30	10.6	8.3	260	19.6	110	26.9	9.3	78	19.2
AUG													
13...	1530	9813	64	30	11.1	8.7	305	19.8	160	38.0	15.0	122	21.5

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 TOTAL (MG/L AS N) (00610)	NITRO-GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO-GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-PHORUS ORTHO TOTAL (MG/L AS P) (70507)	PHOS-PHORUS 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)	LEAD, TOTAL RECOV-ERABLE (µG/L AS PB) (01051)	MANGA-NESE, TOTAL RECOV-ERABLE (µG/L AS MN) (01055)
APR 2002													
16...	130	20	<.020	.68	<.040	.94	.04	.070	2.6	<10	440	<1.0	20
JUN													
25...	178	<2	<.020	1.67	<.040	1.7	.05	.070	1.5	<10	240	<1.0	60
AUG													
13...	222	6	<.020	2.88	<.040	3.1	.16	.220	1.9	<10	100	1.6	10

Date	NICKEL, TOTAL RECOV-ERABLE (µG/L AS NI) (01067)	ZINC, TOTAL RECOV-ERABLE (µG/L AS ZN) (01092)
APR 2002		
16...	<50	<10
JUN		
25...	<50	<10
AUG		
13...	<50	<10