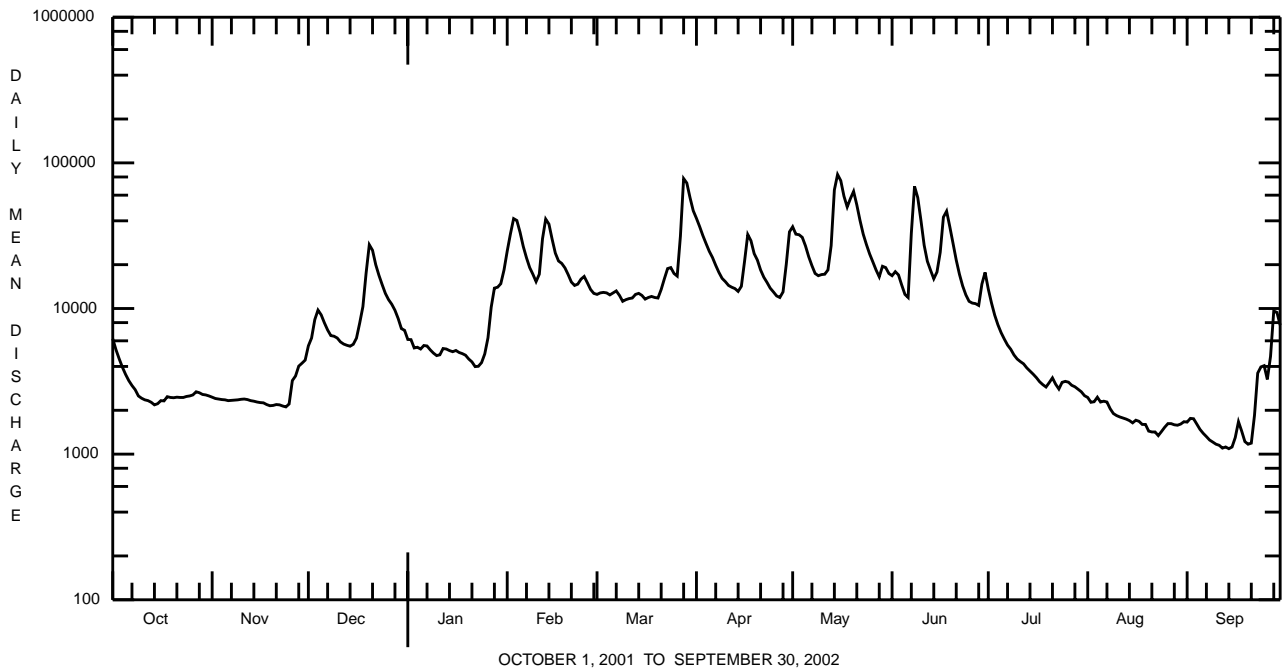


SUSQUEHANNA RIVER BASIN

01540500 SUSQUEHANNA RIVER AT DANVILLE, PA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1905 - 2002	
ANNUAL TOTAL	4039170		4622260			
ANNUAL MEAN	11070		12660		15240	
HIGHEST ANNUAL MEAN					24670	1978
LOWEST ANNUAL MEAN					6948	1965
HIGHEST DAILY MEAN	97000	Apr 11	83200	May 15	335000	Jun 25 1972
LOWEST DAILY MEAN	1680	Sep 13	1090	Sep 14	558	Sep 24 1964
ANNUAL SEVEN-DAY MINIMUM	1790	Sep 11	1140	Sep 9	579	Sep 21 1964
MAXIMUM PEAK FLOW			84700	May 15	a 363000	Jun 25 1972
MAXIMUM PEAK STAGE			14.84	May 15	b 32.32	Jun 24 1972
INSTANTANEOUS LOW FLOW					508	Sep 27 1964
ANNUAL RUNOFF (CFSM)	0.99		1.13		1.36	
ANNUAL RUNOFF (INCHES)	13.39		15.33		18.45	
10 PERCENT EXCEEDS	26100		31000		36100	
50 PERCENT EXCEEDS	5900		6820		8410	
90 PERCENT EXCEEDS	2140		1710		2090	

a From rating curve extended above 250,000 ft³/s.
b Backwater from West Branch Susquehanna River.



SUSQUEHANNA RIVER BASIN

01540500 SUSQUEHANNA RIVER AT DANVILLE, 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 AS CACO3 (MG/L) (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 23...	1400	9813	15000	40	10.2	7.8	201	13.8	73	21.7	4.5	50	20.4
JUN 19...	1420	9813	35500	40	8.3	7.4	156	18.8	61	18.0	3.9	40	13.5
AUG 19...	1510	9813	1560	40	9.8	8.9	441	29.8	160	40.2	15.3	72	75.2

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 23...	144	16	<.020	.55	<.040	.95	.02	.050	3.2	<10	820	<1.0	100
JUN 19...	98	60	<.020	.51	<.040	.97	.04	.090	4.6	<10	2420	2.0	140
AUG 19...	298	6	<.020	<.04	<.040	.52	.02	.030	3.5	<10	110	<1.0	80

Date	NICKEL, TOTAL RECOV-ERABLE (µG/L AS NI) (01067)	ZINC, TOTAL RECOV-ERABLE (µG/L AS ZN) (01092)	GROSS ALPHA, WATER, UNFLT, (PCI/L) (01519)	GROSS BETA, WATER, UNFLT, (PCI/L) (85817)
APR 2002 23...	<50	10	.36	2
JUN 19...	<50	10	1.48	4
AUG 19...	<50	<10	1.40	2