



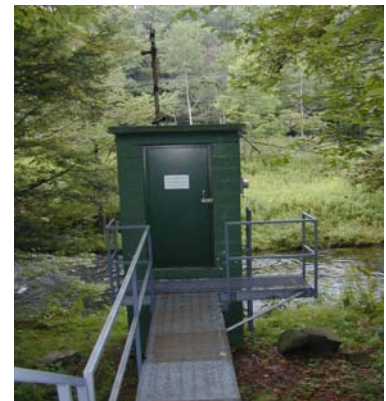
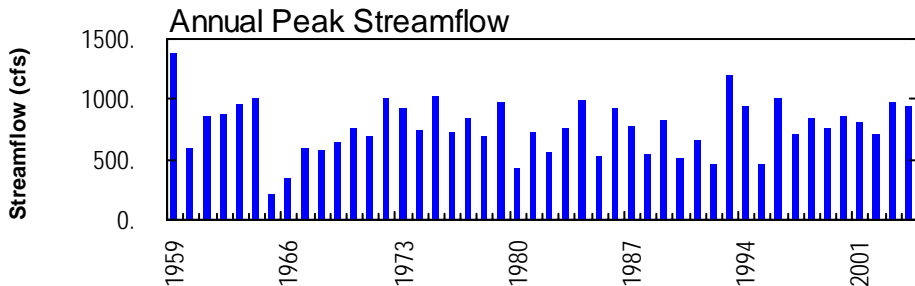
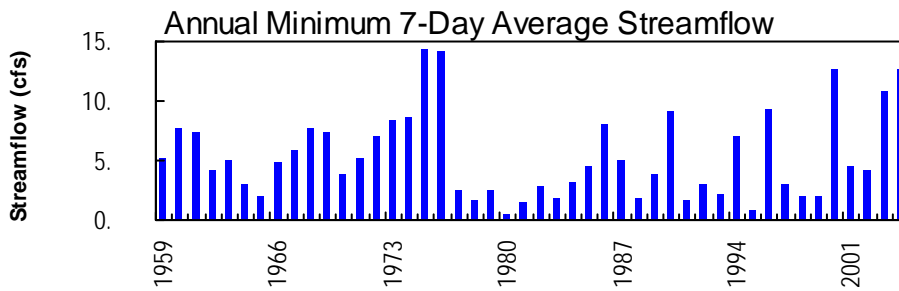
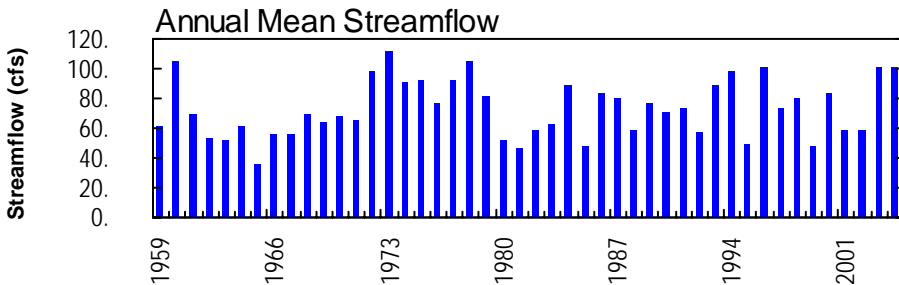
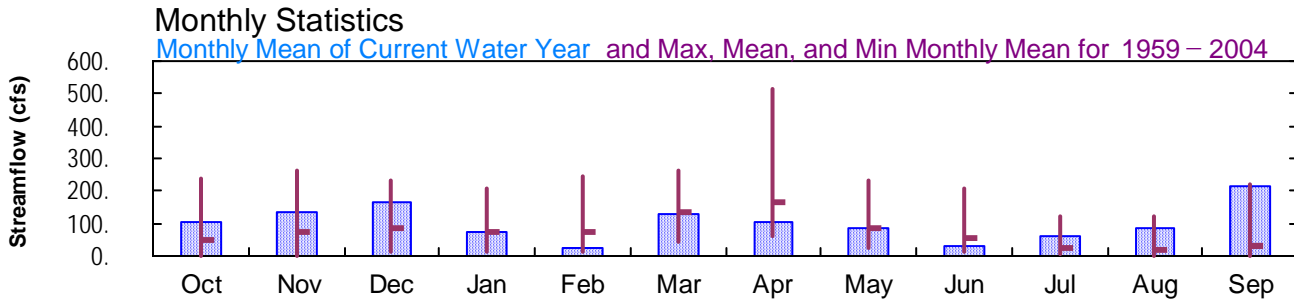
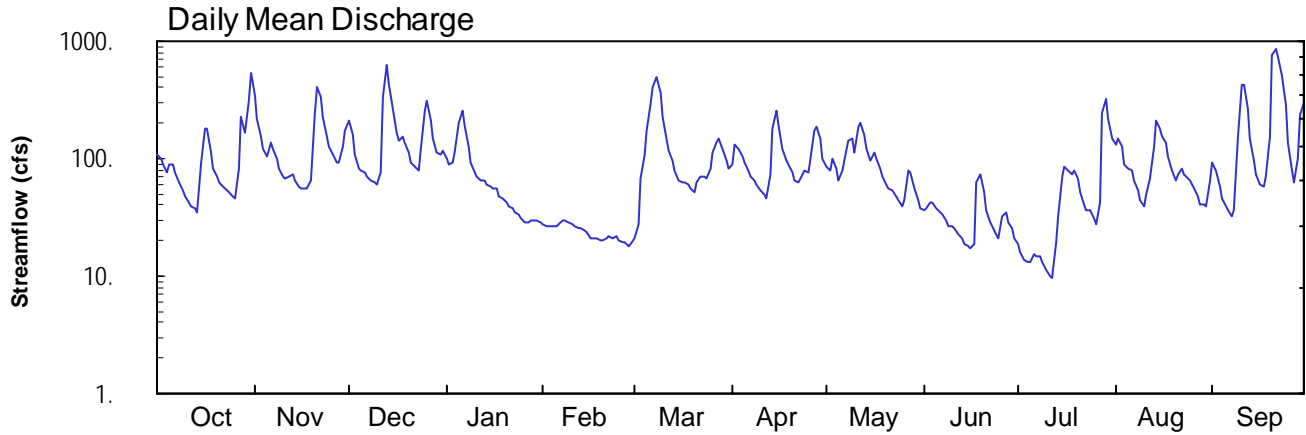
2004 Water Year LACKAWANNA RIVER BASIN

01534300 Lackawanna River near Forest City, PA

Latitude: 41° 40' 47"
Susquehanna County

Longitude: 075° 28' 20"
Datum: 1551.28 feet

Hydrologic Unit Code: 02050107
Drainage Area: 38.8 mi²



LACKAWANNA RIVER BASIN

01534300 LACKAWANNA RIVER NEAR FOREST CITY, PA

LOCATION.--Lat 41°40'47", long 75°28'20", Susquehanna County, Hydrologic Unit 02050107, on left bank 1,600 ft upstream from bridge on State Highway 171, 1.3 mi downstream from Stillwater Dam, 1.6 mi downstream from confluence of East and West Branches, and 2.2 mi north of Forest City.

DRAINAGE AREA.--38.8 mi².

PERIOD OF RECORD.--October 1958 to current year.

GAGE.--Water-stage recorder. Datum of gage is 1,551.28 ft above National Geodetic Vertical Datum of 1929. Prior to Dec. 11, 1958, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records good. Flow regulated since December 1959 by Stillwater Dam (station 01534180). Several measurements of water temperature were made during the year. Satellite telemetry at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	108	353	214	102	27	21	88	87	37	18	129	91
2	99	223	163	89	26	28	130	78	37	16	148	79
3	87	155	110	93	26	67	120	98	42	14	128	57
4	76	121	83	112	27	110	105	82	42	13	91	46
5	90	106	78	199	26	176	93	66	37	13	82	40
6	90	135	77	259	27	286	78	79	35	15	80	36
7	76	124	71	188	30	401	69	95	33	15	65	33
8	62	99	66	127	30	493	64	141	30	15	53	37
9	54	82	63	94	29	367	59	150	27	13	45	154
10	47	71	61	77	28	229	54	112	26	11	39	418
11	43	67	76	71	27	151	49	183	25	10	49	430
12	39	70	336	65	25	119	45	202	23	9.7	67	262
13	37	74	622	66	25	97	73	158	21	20	126	151
14	34	65	442	59	25	79	180	119	19	32	209	97
15	91	58	267	57	23	66	257	97	18	71	179	73
16	178	55	168	56	21	63	192	113	17	86	151	61
17	182	56	141	55	21	61	123	101	19	80	134	58
18	114	55	154	48	21	60	98	84	62	72	104	70
19	81	66	135	45	20	56	90	70	72	78	79	152
20	70	240	112	42	20	52	76	60	51	67	66	754
21	63	412	92	39	21	63	65	55	36	52	72	855
22	58	335	84	37	22	70	63	53	29	41	83	730
23	54	226	80	35	21	69	67	48	26	36	73	524
24	51	156	116	33	22	68	79	44	23	36	68	284
25	48	128	257	31	20	82	76	40	21	31	65	134
26	46	106	313	29	20	111	100	43	32	28	55	80
27	82	91	214	29	19	135	172	80	34	43	47	64
28	231	92	145	29	18	147	187	75	29	243	42	101
29	165	125	113	30	19	122	146	55	25	326	41	235
30	305	171	108	29	---	97	101	43	21	221	39	298
31	535	---	116	29	---	82	---	38	---	148	65	---
TOTAL	3296	4117	5077	2254	686	4028	3099	2749	949	1873.7	2674	6404
MEAN	106	137	164	72.7	23.7	130	103	88.7	31.6	60.4	86.3	213
MAX	535	412	622	259	30	493	257	202	72	326	209	855
MIN	34	55	61	29	18	21	45	38	17	9.7	39	33

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1959 - 2004, BY WATER YEAR (WY)

MEAN	48.4	73.9	85.4	71.6	76.4	135	166	86.9	56.5	27.5	20.3	33.6
MAX	239	264	234	209	245	261	517	232	205	123	122	221
(WY)	1978	1973	1974	1996	1981	1979	1993	1989	1989	1973	1994	1977
MIN	2.45	2.48	14.7	9.64	13.2	40.5	58.8	21.5	11.1	4.67	2.80	1.17
(WY)	1965	1965	1999	1981	1980	1993	1968	2001	1980	1991	1999	1980

LACKAWANNA RIVER BASIN

01534300 LACKAWANNA RIVER NEAR FOREST CITY, PA--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1959 - 2004	
ANNUAL TOTAL	41362		37206.7			
ANNUAL MEAN	113		102		73.3	
HIGHEST ANNUAL MEAN					112	1973
LOWEST ANNUAL MEAN					36.3	1965
HIGHEST DAILY MEAN	938	Mar 25	855	Sep 21	1160	Apr 4 1993
LOWEST DAILY MEAN	11	Aug 29	9.7	Jul 12	a0.00	Jul 21 1978
ANNUAL SEVEN-DAY MINIMUM	13	Aug 25	13	Jul 6	0.43	Sep 11 1980
MAXIMUM PEAK FLOW			933	Sep 20	bc1390	Jan 22 1959
MAXIMUM PEAK STAGE			4.95	Sep 20	6.41	Jan 22 1959
INSTANTANEOUS LOW FLOW					a0.00	Jul 21 1978
10 PERCENT EXCEEDS	235		214		171	
50 PERCENT EXCEEDS	71		70		40	
90 PERCENT EXCEEDS	30		23		7.1	

a Result of shutoff at Stillwater Dam.

b From rating curve extended above 930 ft³/s.

c Instantaneous peak since regulation, 1,020 ft³/s, Feb. 26, 1975, gage height, 4.85 ft.