



2004 Water Year  
LACKAWAXEN RIVER BASIN

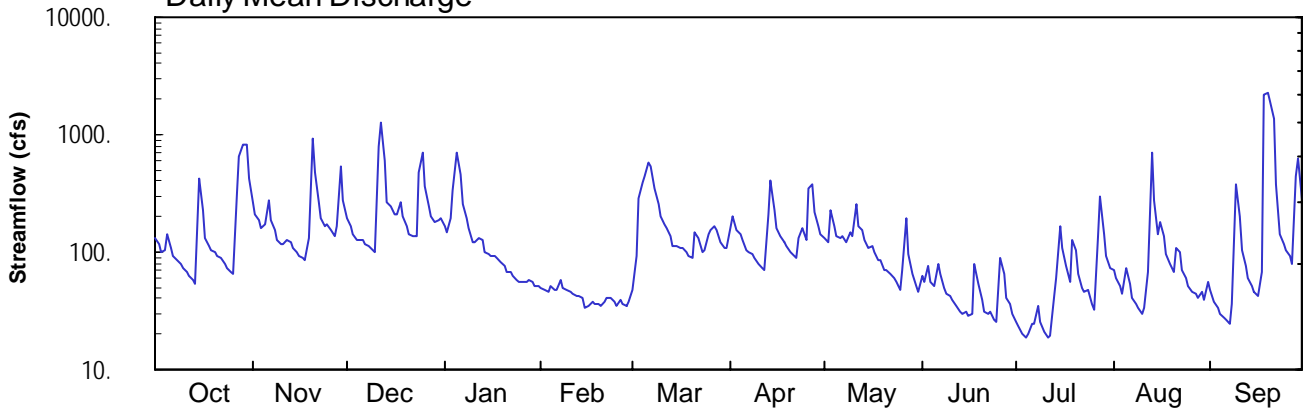
01429500 Dyberry Creek near Honesdale, PA

Latitude: 41° 36' 26"  
Wayne County

Longitude: 075° 16' 03"  
Datum: 970.70 feet

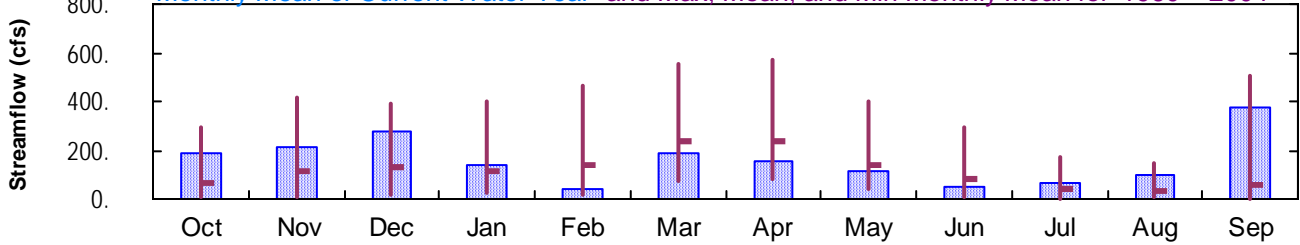
Hydrologic Unit Code: 02040103  
Drainage Area: 64.6 mi<sup>2</sup>

Daily Mean Discharge

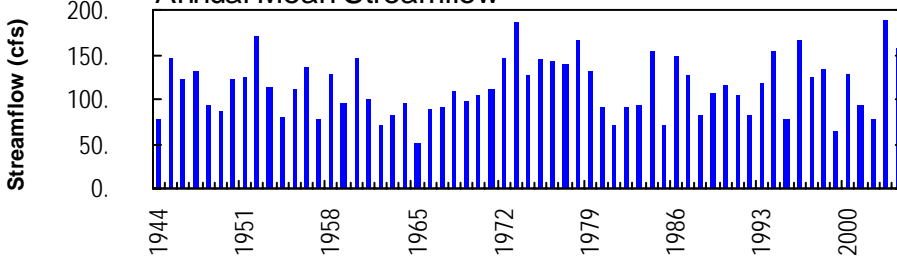


Monthly Statistics

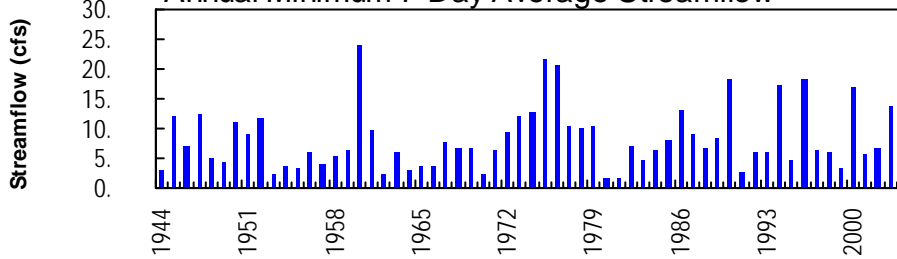
Monthly Mean of Current Water Year and Max, Mean, and Min Monthly Mean for 1960 – 2004



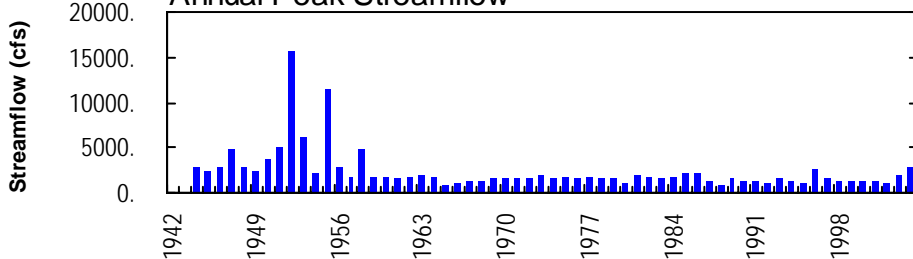
Annual Mean Streamflow



Annual Minimum 7-Day Average Streamflow



Annual Peak Streamflow



LACKAWAXEN RIVER BASIN

01429500 DYBERRY CREEK NEAR HONESDALE, PA

**LOCATION.**--Lat 41°36'26", long 75°16'03", Wayne County, Hydrologic Unit 02040103, on right bank 180 ft upstream from unnamed tributary, 1,700 ft downstream from General Edgar Jadwin Reservoir, 2.1 mi north of Honesdale, and 2.6 mi upstream from mouth.

**DRAINAGE AREA.**--64.6 mi<sup>2</sup>.

**PERIOD OF RECORD.**--October 1943 to current year. Published as "*at Dyberry*" October 1943 to September 1959 and as "*near Dyberry*" October 1959 to September 1961.

**REVISED RECORDS.**--WSP 1382: 1947(M), 1950(M), 1951-53.

**GAGE.**--Water-stage recorder. Datum of gage is 970.70 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1957, nonrecording gage at site 1.9 mi upstream at datum 13.70 ft higher.

**REMARKS.**--Records good except those for estimated daily discharges, which are poor. Flow regulated since October 1959 by General Edgar Jadwin Reservoir (station 01429400) 1,700 ft upstream. Several measurements of water temperature were made during the year. Satellite and landline telemetry at station.

**EXTREMES OUTSIDE PERIOD OF RECORD.**--Flood of May 23, 1942 reached a stage of 15.86 ft, from floodmarks, site and datum then in use, discharge not determined.

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	133	268	193	163	49	48	161	130	62	26	70	48
2	115	209	166	149	48	93	204	120	56	23	60	37
3	101	187	141	194	46	292	155	228	75	20	52	34
4	105	160	126	341	51	396	144	168	55	19	45	30
5	139	175	127	714	48	433	124	135	51	20	73	28
6	106	275	126	456	48	582	105	133	78	25	53	27
7	92	189	117	253	58	537	99	137	64	25	41	24
8	85	151	111	191	50	344	97	123	50	34	37	37
9	79	128	103	159	47	255	89	148	44	25	33	382
10	75	118	100	e120	46	200	80	138	42	21	30	204
11	69	116	782	122	44	175	74	257	39	19	33	105
12	63	128	1270	129	42	162	70	169	35	19	67	75
13	57	122	612	126	42	135	207	151	32	42	710	61
14	53	107	262	e100	41	114	402	126	30	60	273	52
15	430	99	246	e95	e34	111	229	110	31	166	142	46
16	226	92	207	e92	35	108	161	112	29	106	178	42
17	134	89	207	92	38	107	136	99	30	76	135	69
18	111	87	267	89	36	100	121	87	78	55	97	2160
19	105	133	200	83	36	92	113	86	54	127	78	2290
20	100	915	166	76	35	90	101	72	39	102	69	1910
21	92	477	143	68	37	148	96	72	31	64	108	1380
22	89	267	134	68	40	132	89	65	29	49	99	382
23	80	196	137	62	40	100	130	60	30	46	71	142
24	74	168	481	58	38	106	161	55	26	48	61	117
25	68	175	696	55	35	143	125	48	25	36	52	102
26	65	154	358	56	40	153	353	69	89	32	46	94
27	310	138	244	55	36	164	374	191	65	139	43	79
28	648	167	202	59	34	151	218	97	41	300	41	443
29	819	525	178	56	38	123	168	65	36	140	47	623
30	838	277	189	51	---	108	144	51	30	93	39	292
31	417	---	195	51	---	109	---	46	---	73	55	---
TOTAL	5878	6292	8486	4383	1212	5811	4730	3548	1376	2030	2938	11315
MEAN	190	210	274	141	41.8	187	158	114	45.9	65.5	94.8	377
MAX	838	915	1270	714	58	582	402	257	89	300	710	2290
MIN	53	87	100	51	34	48	70	46	25	19	30	24

e Estimated.

LACKAWAXEN RIVER BASIN

01429500 DYBERRY CREEK NEAR HONESDALE, PA--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1960 - 2004, BY WATER YEAR (WY) (SINCE REGULATION)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	62.9	112	127	114	138	233	238	141	80.1	42.9	33.0	58.4
MAX (WY)	292	413	388	402	466	552	572	397	291	170	145	506
MIN (WY)	1977	1973	1997	1996	1981	1977	1993	1989	1972	1973	1994	2003
MIN (WY)	4.17	5.48	17.4	20.8	20.2	73.0	83.6	43.3	12.0	3.23	5.21	2.26
(WY)	1965	1965	1999	1981	1980	1981	1985	1965	1962	1962	1999	1980

SUMMARY STATISTICS FOR 2003 CALENDAR YEAR FOR 2004 WATER YEAR WATER YEARS 1960 - 2004

ANNUAL TOTAL		75667		57999								
ANNUAL MEAN		207		158						115		
HIGHEST ANNUAL MEAN										189		2003
LOWEST ANNUAL MEAN										51.4		1965
HIGHEST DAILY MEAN				1760	Sep 4		2290	Sep 19		2460		Jan 20 1996
LOWEST DAILY MEAN				26	Aug 28,29		19	Jul 4,11,12		1.2		Jul 29 1970
ANNUAL SEVEN-DAY MINIMUM				30	Aug 23		23	Jul 1		1.8		Oct 5 1980
MAXIMUM PEAK FLOW							2750	Sep 18		2750		Sep 18 2004
MAXIMUM PEAK STAGE							7.44	Sep 18		7.44		Sep 18 2004
INSTANTANEOUS LOW FLOW										a0.00		Oct 2 1968
10 PERCENT EXCEEDS				431			294			251		
50 PERCENT EXCEEDS				121			99			58		
90 PERCENT EXCEEDS				53			35			11		

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 1959, BY WATER YEAR (WY) (PRIOR TO REGULATION)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	53.7	110	128	119	109	236	262	145	55.8	68.9	45.7	30.5
MAX (WY)	348	263	255	248	227	539	628	345	127	293	339	90.8
MIN (WY)	1956	1946	1953	1952	1951	1945	1958	1947	1946	1952	1955	1952
MIN (WY)	10.2	18.8	20.4	29.0	47.4	91.8	59.9	44.4	19.2	8.16	5.82	5.30
(WY)	1948	1947	1947	1944	1958	1949	1946	1955	1959	1955	1953	1953

SUMMARY STATISTICS WATER YEARS 1944 - 1959

ANNUAL MEAN		114										
HIGHEST ANNUAL MEAN		170				1952						
LOWEST ANNUAL MEAN		77.2				1957						
HIGHEST DAILY MEAN		5880			Jul 10 1952							
LOWEST DAILY MEAN		2.0			Oct 5 1953							
ANNUAL SEVEN DAY MINIMUM		2.3			Sep 29 1953							
MAXIMUM PEAK FLOW		b15500			Jul 10 1952							
MAXIMUM PEAK STAGE		c14.60			Jul 10 1952							
ANNUAL RUNOFF (CFSM)		1.76										
ANNUAL RUNOFF (INCHES)		23.91										
10 PERCENT EXCEEDS		252										
50 PERCENT EXCEEDS		54										
90 PERCENT EXCEEDS		9.4										

a Result of shutoff at General Jadwin Reservoir.

b From rating curve extended above 2,500 ft<sup>3</sup>/s on basis of slope-area measurement at gage height 13.78 ft.

c Site and datum then in use.