



2005 Water Year
LACKAWAXEN RIVER BASIN
01429500 Dyberry Creek near Honesdale, PA

Latitude: 41° 36' 26"

Longitude: 075° 16' 03"

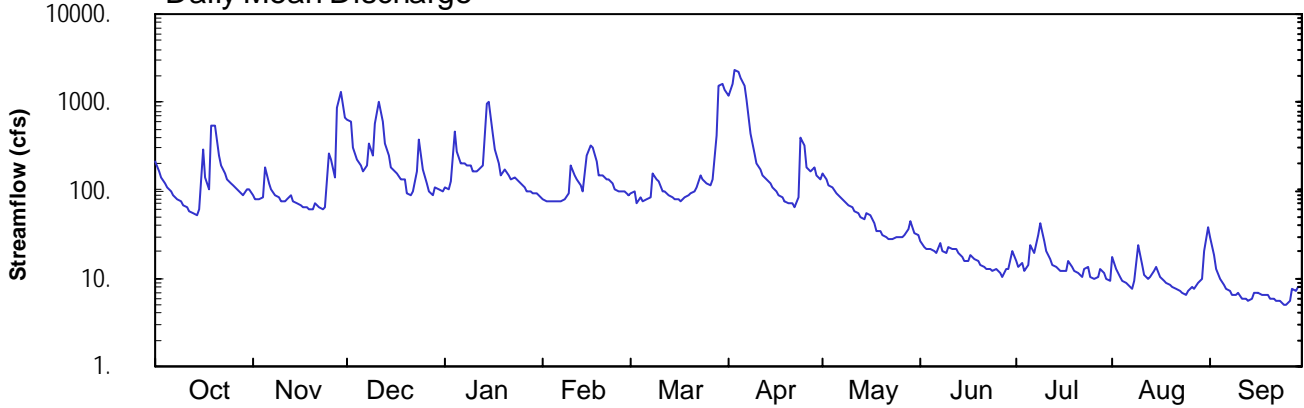
Hydrologic Unit Code: 02040103

Wayne County

Datum: 970.70 feet

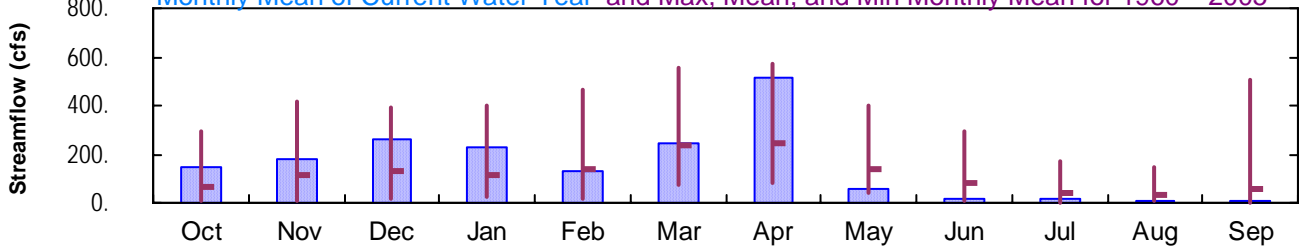
Drainage Area: 64.6 mi²

Daily Mean Discharge

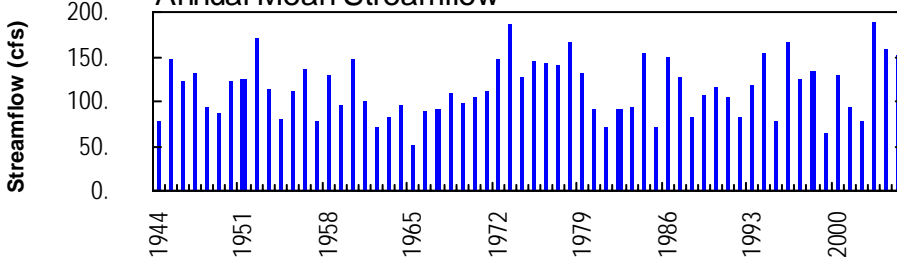


Monthly Statistics

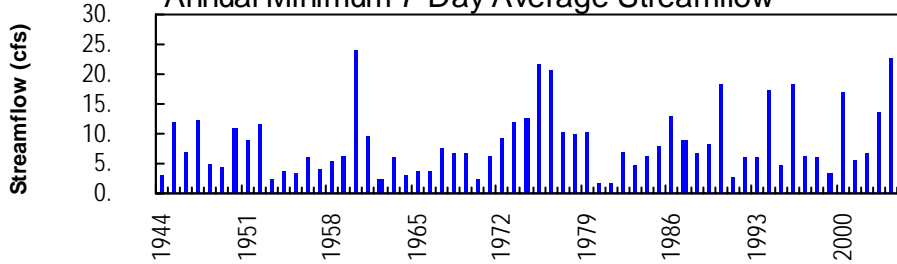
Monthly Mean of Current Water Year and Max, Mean, and Min Monthly Mean for 1960 – 2005



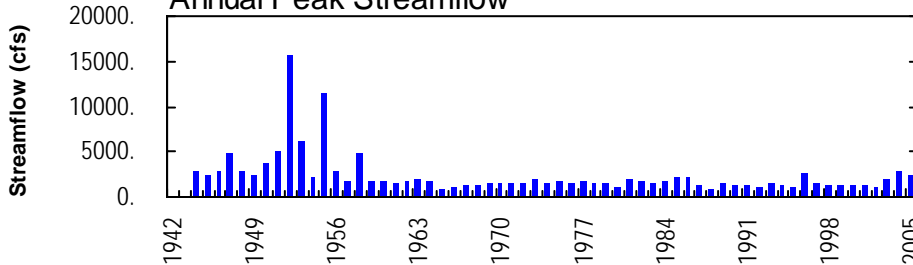
Annual Mean Streamflow



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 mi².

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 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	213	86	646	110	81	91	1160	152	27	16	17	29
2	161	77	596	101	77	97	1610	130	23	14	13	18
3	138	81	307	124	75	e70	2300	115	21	15	10	13
4	119	85	227	457	76	83	2190	105	22	12	9.4	10
5	106	183	193	278	74	74	1890	95	21	14	8.7	8.4
6	96	123	167	202	75	80	1540	86	20	23	8.3	7.6
7	88	101	190	204	77	83	1070	80	25	20	7.7	7.1
8	81	90	332	187	81	160	438	74	20	31	9.4	6.5
9	76	81	243	193	90	e130	263	68	20	42	24	6.6
10	68	75	568	164	187	124	204	63	23	27	14	7.0
11	64	74	1030	160	e150	100	171	59	22	20	11	5.9
12	58	80	590	171	135	97	148	55	21	16	10	6.0
13	54	86	342	196	111	90	132	49	19	15	11	5.7
14	51	74	252	986	98	83	119	46	17	13	12	6.0
15	62	71	e180	1020	253	80	106	56	16	12	13	e7.0
16	297	69	165	435	327	78	96	51	16	12	10	e7.0
17	139	66	155	287	e300	77	89	43	18	12	9.6	e6.5
18	100	63	136	198	211	82	82	35	16	16	8.9	e6.5
19	541	61	130	148	e150	87	76	35	16	14	8.4	e6.5
20	547	62	e94	177	146	90	71	32	14	12	7.9	e6.0
21	242	70	e90	150	137	98	71	29	13	11	7.5	e6.0
22	187	64	96	e130	133	111	65	28	13	10	7.2	e5.5
23	156	60	165	137	117	145	81	28	13	13	6.8	e5.5
24	136	65	376	131	103	135	402	29	12	14	6.4	e5.0
25	123	268	173	e120	96	123	315	30	13	11	7.1	e5.0
26	112	221	120	e110	e100	114	184	30	11	9.8	7.8	e5.5
27	102	141	e100	e100	e100	133	163	32	11	10	7.7	e7.5
28	94	857	e90	e95	e90	422	179	36	13	13	8.9	7.2
29	87	1340	107	e93	---	1550	146	44	13	12	9.7	7.9
30	103	662	102	92	---	1590	131	33	20	9.8	21	8.0
31	101	---	100	86	---	1360	---	31	---	9.4	38	---
TOTAL	4502	5436	8062	7042	3650	7637	15492	1779	529	479.0	351.4	239.4
MEAN	145	181	260	227	130	246	516	57.4	17.6	15.5	11.3	7.98
MAX	547	1340	1030	1020	327	1590	2300	152	27	42	38	29
MIN	51	60	90	86	74	70	65	28	11	9.4	6.4	5.0

e Estimated.

LACKAWAXEN RIVER BASIN

01429500 DYBERRY CREEK NEAR HONESDALE, PA--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1960 - 2005, BY WATER YEAR (WY) (SINCE REGULATION)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	64.7	113	130	116	138	233	244	139	78.7	42.3	32.5	57.3
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
MIN (WY)	1965	1965	1999	1981	1980	1981	1985	1965	1962	1962	1999	1980

SUMMARY STATISTICS FOR 2004 CALENDAR YEAR FOR 2005 WATER YEAR WATER YEARS 1960 - 2005

ANNUAL TOTAL	55343	55198.8	
ANNUAL MEAN	151	151	116
HIGHEST ANNUAL MEAN			189
LOWEST ANNUAL MEAN			51.4
HIGHEST DAILY MEAN	2290	Sep 19	2460
LOWEST DAILY MEAN	19	Jul 4,11,12	e5.0
ANNUAL SEVEN-DAY MINIMUM	23	Jul 1	a5.5
MAXIMUM PEAK FLOW			2340
MAXIMUM PEAK STAGE			6.99
INSTANTANEOUS LOW FLOW			b0.00
10 PERCENT EXCEEDS	294	282	252
50 PERCENT EXCEEDS	90	80	58
90 PERCENT EXCEEDS	35	8.4	10

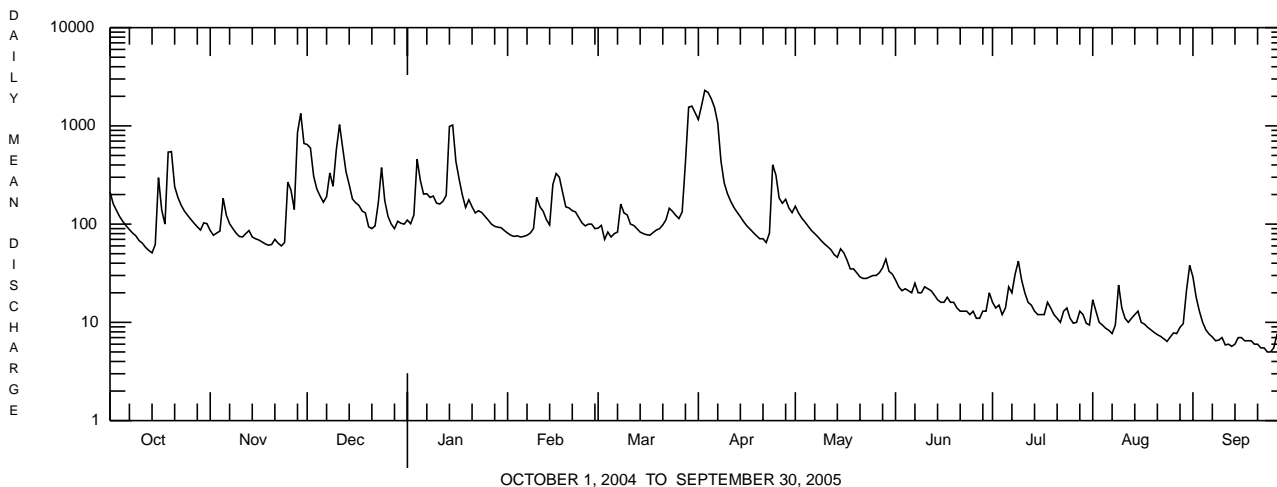
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 1959, BY WATER YEAR (WY) (PRIOR TO REGULATION)

	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
MIN (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
LOWEST ANNUAL MEAN	77.2
HIGHEST DAILY MEAN	5880
LOWEST DAILY MEAN	2.0
ANNUAL SEVEN DAY MINIMUM	2.3
MAXIMUM PEAK FLOW	c15500
MAXIMUM PEAK STAGE	d14.60
ANNUAL RUNOFF (CFSM)	1.76
ANNUAL RUNOFF (INCHES)	23.91
10 PERCENT EXCEEDS	252
50 PERCENT EXCEEDS	54
90 PERCENT EXCEEDS	9.4

- a Computed using estimated daily discharges.
- b Result of shutoff at General Jadwin Reservoir.
- c From rating curve extended above 2,500 ft³/s on basis of slope-area measurement at gage height 13.78 ft.
- d Site and datum then in use.
- e Estimated.



OCTOBER 1, 2004 TO SEPTEMBER 30, 2005