

## 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 2002 TO SEPTEMBER 2003  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27	84	110	201	58	95	239	115	786	56	35	75
2	24	81	96	797	58	110	228	189	598	50	59	1160
3	20	76	79	453	57	e120	243	208	254	46	42	1060
4	17	70	71	321	89	e100	206	147	238	54	86	1760
5	16	66	73	244	114	106	232	126	213	39	191	1700
6	15	148	77	214	92	105	249	125	171	35	395	1130
7	13	133	67	188	81	e99	230	117	204	34	178	262
8	12	103	e63	182	72	e99	203	144	263	40	146	178
9	11	90	57	172	70	97	185	131	183	40	477	140
10	11	84	56	166	66	e91	202	110	145	37	159	115
11	105	81	e58	e140	63	e86	237	119	134	95	361	98
12	817	101	93	e120	59	e84	334	281	162	73	408	88
13	389	239	102	e110	57	85	238	184	198	49	183	81
14	181	163	153	e100	e54	88	188	150	210	38	121	92
15	119	132	193	105	54	90	167	128	183	32	92	865
16	353	121	150	e100	55	149	151	112	124	31	76	1350
17	1010	481	e110	95	64	380	130	100	101	33	68	671
18	362	438	e95	e74	86	738	119	91	97	33	63	279
19	202	272	102	e80	80	942	115	80	95	33	55	254
20	157	219	264	87	68	658	105	71	100	30	48	239
21	128	213	358	76	e58	1240	98	74	433	29	42	177
22	106	224	198	68	71	1360	113	71	377	132	40	145
23	91	228	171	65	166	1290	109	66	256	214	38	869
24	78	179	145	68	180	955	99	86	172	142	33	918
25	71	157	115	67	145	576	89	109	130	76	31	378
26	247	141	151	65	113	516	160	146	107	52	29	270
27	217	137	150	64	109	418	334	149	91	43	29	208
28	141	124	e120	62	100	315	190	106	78	41	26	238
29	116	115	121	62	---	309	148	97	69	34	26	213
30	102	111	110	59	---	386	126	81	63	30	65	165
31	92	---	130	56	---	293	---	95	---	28	42	---
TOTAL	5250	4811	3838	4661	2339	11980	5467	3808	6235	1699	3644	15178
MEAN	169	160	124	150	83.5	386	182	123	208	54.8	118	506
MAX	1010	481	358	797	180	1360	334	281	786	214	477	1760
MIN	11	66	56	56	54	84	89	66	63	28	26	75

e Estimated.

LACKAWAXEN RIVER BASIN

01429500 DYBERRY CREEK NEAR HONESDALE, PA--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1960 - 2003, BY WATER YEAR (WY) (SINCE REGULATION)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	60.0	110	124	113	140	234	239	142	80.9	42.4	31.6	51.2
MAX	292	413	388	402	466	552	572	397	291	170	145	506
(WY)	1977	1973	1997	1996	1981	1977	1993	1989	1972	1973	1994	2003
MIN	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 2002 CALENDAR YEAR FOR 2003 WATER YEAR WATER YEARS 1960 - 2003

ANNUAL TOTAL	40826.3		68910		114	
ANNUAL MEAN	112		189		189	
HIGHEST ANNUAL MEAN					51.4	
LOWEST ANNUAL MEAN					1965	
HIGHEST DAILY MEAN	1070	May 14	1760	Sep 4	2460	Jan 20 1996
LOWEST DAILY MEAN	6.2	Aug 14,16	11	Oct 9,10	1.2	Jul 29 1970
ANNUAL SEVEN-DAY MINIMUM	6.6	Aug 10	14	Oct 4	1.8	Oct 5 1980
MAXIMUM PEAK FLOW			1900	Sep 4	2600	Jan 20 1996
MAXIMUM PEAK STAGE			6.46	Sep 4	7.32	Jan 20 1996
INSTANTANEOUS LOW FLOW					a0.00	Oct 2 1968
10 PERCENT EXCEEDS	242		377		250	
50 PERCENT EXCEEDS	78		111		57	
90 PERCENT EXCEEDS	10		41		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	348	263	255	248	227	539	628	345	127	293	339	90.8
(WY)	1956	1946	1953	1952	1951	1945	1958	1947	1946	1952	1955	1952
MIN	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.

