

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 sea level. 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 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29	45	83	68	97	87	487	57	55	23	6.9	29
2	28	43	71	62	81	80	347	54	183	30	6.8	15
3	24	41	e66	62	e75	76	306	51	256	22	6.8	10
4	25	41	e63	60	e68	74	385	48	230	19	8.3	8.4
5	27	40	61	57	63	72	480	45	152	19	8.1	8.9
6	155	39	56	60	68	85	511	40	112	17	7.4	8.7
7	109	36	e48	57	60	75	497	37	86	15	6.9	7.7
8	68	35	e46	55	e58	68	575	35	72	17	7.6	6.8
9	53	36	e44	53	62	68	574	33	60	19	8.0	6.5
10	47	215	e42	51	117	66	925	32	53	17	9.7	6.7
11	43	305	52	48	154	62	559	31	52	18	12	6.6
12	41	144	e50	e47	e95	62	377	29	78	16	14	6.5
13	38	111	e48	46	90	96	301	29	57	14	15	6.1
14	42	115	50	46	e87	125	235	26	47	13	17	7.5
15	42	129	52	45	154	99	190	24	42	12	11	8.5
16	35	103	50	47	127	100	170	23	37	12	6.5	7.8
17	35	92	813	46	112	119	151	28	80	12	6.9	6.8
18	402	85	1230	45	95	122	135	25	74	11	6.9	6.0
19	385	78	470	45	e93	115	114	25	46	11	7.3	5.8
20	167	72	229	46	88	137	105	23	43	10	6.2	6.6
21	120	70	175	45	125	189	106	22	44	9.1	6.0	13
22	96	65	154	40	e89	648	128	62	40	8.1	6.1	11
23	80	e56	123	e39	91	600	109	121	37	7.9	5.7	8.6
24	72	e54	119	e39	87	539	95	104	35	7.5	5.6	7.6
25	68	e52	98	39	85	381	84	70	30	7.7	5.3	65
26	65	95	91	e34	133	271	76	67	27	8.2	5.2	38
27	63	145	95	37	107	207	76	127	27	8.2	5.5	22
28	60	109	80	36	93	185	69	169	27	7.7	6.0	16
29	53	91	72	e32	---	175	64	137	22	7.2	7.5	16
30	50	89	71	48	---	665	61	93	19	7.0	6.9	13
31	47	---	75	103	---	903	---	66	---	6.6	7.3	---
TOTAL	2569	2631	4777	1538	2654	6551	8292	1733	2123	412.2	246.4	386.1
MEAN	82.9	87.7	154	49.6	94.8	211	276	55.9	70.8	13.3	7.95	12.9
MAX	402	305	1230	103	154	903	925	169	256	30	17	65
MIN	24	35	42	32	58	62	61	22	19	6.6	5.2	5.8

e Estimated.

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01429500 DYBERRY CREEK NEAR HONESDALE, PA--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1960 - 2001, BY WATER YEAR (WY) (SINCE REGULATION)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	58.6	111	126	114	142	233	243	140	76.3	42.6	30.1	41.0
MAX (WY)	292	413	388	402	466	552	572	397	291	170	145	281
MIN (WY)	1977	1973	1997	1996	1981	1977	1993	1989	1972	1973	1994	1987
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 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1960 - 2001
ANNUAL TOTAL	49251	33912.7	
ANNUAL MEAN	135	92.9	113
HIGHEST ANNUAL MEAN			186
LOWEST ANNUAL MEAN			51.4
HIGHEST DAILY MEAN	1230	Dec 18	2460
LOWEST DAILY MEAN	15	Sep 9-11	1.2
ANNUAL SEVEN-DAY MINIMUM	17	Sep 6	1.8
MAXIMUM PEAK FLOW		1380	2600
MAXIMUM PEAK STAGE		5.68	7.32
INSTANTANEOUS LOW FLOW			a.00
10 PERCENT EXCEEDS	294	178	250
50 PERCENT EXCEEDS	82	53	56
90 PERCENT EXCEEDS	27	7.6	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

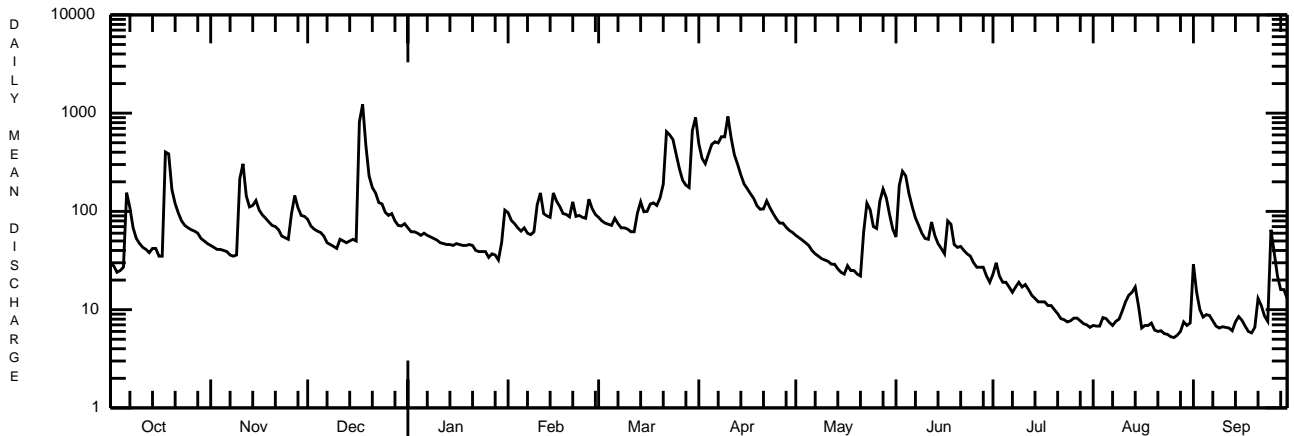
SUMMARY STATISTICS WATER YEARS 1944 - 1959

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	b15500
MAXIMUM PEAK STAGE	c14.60
ANNUAL RUNOFF (CFSM)	1.76
ANNUAL RUNOFF (INCHES)	23.91
10 PERCENT EXCEEDS	252
50 PERCENT EXCEEDS	54
90 PERCENT EXCEEDS	9.4

a Result of shutoff at General Jadwin Reservoir.

b From rating curve extended above 2,500 ft³/s on basis of slope-area measurement at gage height 13.78 ft.

c Site and datum then in use.



OCTOBER 1, 2000 TO SEPTEMBER 30, 2001