

## WEST BRANCH SUSQUEHANNA RIVER BASIN

## 01547200 BALD EAGLE CREEK BELOW SPRING CREEK AT MILESBERG, PA

**LOCATION.**--Lat 40°56'35", long 77°47'12", Centre County, Hydrologic Unit 02050204, on right bank 130 ft downstream from bridge on State Highway 144 at Milesburg, and 250 ft downstream from Spring Creek.

**DRAINAGE AREA.**--265 mi<sup>2</sup>.

**PERIOD OF RECORD.**--October 1955 to current year. Prior to October 1967, published as North Bald Eagle Creek below Spring Creek at Milesburg.

**GAGE.**--Water-stage recorder. Datum of gage is 682.49 ft above sea level. Prior to Aug. 31, 1956, nonrecording gage at site 130 ft upstream at same datum.

**REMARKS.**--Records good except those for estimated daily discharges, which are poor. Several measurements of water temperature were made during the year. Satellite and landline telemetry at station.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than a base discharge of 2,700 ft<sup>3</sup>/s and maximum (\*):

Date	Time	Discharge ft <sup>3</sup> /s	Gage Height (ft)	Date	Time	Discharge ft <sup>3</sup> /s	Gage Height (ft)
Mar. 22	0115	*2,000	*3.10	(No peaks above base discharge.)			

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	133	135	205	158	340	238	539	310	194	167	127	171
2	131	132	185	154	301	238	520	299	275	182	125	140
3	128	130	160	151	263	235	503	292	294	160	123	129
4	130	130	155	150	239	236	526	279	236	159	145	121
5	149	129	171	152	228	237	475	271	211	162	141	116
6	220	127	155	152	232	222	709	260	199	168	127	116
7	187	125	152	152	264	231	830	252	193	155	124	119
8	153	123	154	152	261	235	776	251	183	154	121	116
9	144	124	151	151	307	265	697	247	173	151	121	112
10	141	297	139	145	e550	260	676	236	167	147	145	116
11	139	243	154	142	478	253	606	231	165	149	145	113
12	136	185	165	143	369	270	576	237	162	143	134	110
13	132	164	151	138	333	995	520	229	176	141	128	109
14	131	154	157	139	332	1230	473	221	159	139	124	121
15	130	148	159	140	564	890	458	222	157	136	122	110
16	129	143	166	141	552	723	1390	214	193	135	127	110
17	144	142	528	143	572	797	1190	207	255	135	146	109
18	447	136	444	142	442	712	927	205	180	130	131	107
19	258	134	297	152	378	626	741	200	167	132	139	105
20	188	132	267	158	359	560	644	191	161	130	332	138
21	168	130	234	158	335	792	672	193	168	125	184	142
22	155	128	230	153	273	1660	584	194	176	123	160	125
23	151	126	193	146	281	1140	530	261	314	125	155	115
24	148	128	203	146	259	864	498	213	245	124	149	e160
25	147	125	192	149	265	696	455	199	193	124	141	e260
26	147	300	181	142	295	592	416	225	176	143	138	176
27	141	309	177	142	266	510	389	259	169	131	137	146
28	140	225	175	140	252	452	363	275	167	129	133	136
29	137	200	167	136	---	414	339	220	158	127	131	129
30	135	227	163	156	---	660	323	200	158	130	128	125
31	134	---	161	302	---	579	---	190	---	130	152	---
TOTAL	4953	4931	6191	4725	9590	17812	18345	7283	5824	4386	4435	3902
MEAN	160	164	200	152	342	575	612	235	194	141	143	130
MAX	447	309	528	302	572	1660	1390	310	314	182	332	260
MIN	128	123	139	136	228	222	323	190	157	123	121	105
CFSM	.60	.62	.75	.58	1.29	2.17	2.31	.89	.73	.53	.54	.49
IN.	.70	.69	.87	.66	1.35	2.50	2.58	1.02	.82	.62	.62	.55

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1956 - 2001, BY WATER YEAR (WY)

MEAN	256	332	399	381	528	758	706	491	351	243	212	210
MAX	950	811	1035	1049	1227	1489	2001	1162	1689	804	643	986
(WY)	1977	1978	1997	1996	1984	1994	1993	1978	1972	1972	1956	1996
MIN	89.8	94.3	103	141	147	255	276	235	131	102	101	84.3
(WY)	1964	1965	1966	1981	1963	1969	1968	2001	1965	1965	1965	1965

e Estimated.

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01547200 BALD EAGLE CREEK BELOW SPRING CREEK AT MILESBERG, PA--Continued

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1956 - 2001	
ANNUAL TOTAL	104633		92377			
ANNUAL MEAN	286		253		405	
HIGHEST ANNUAL MEAN					638	1978
LOWEST ANNUAL MEAN					213	1965
HIGHEST DAILY MEAN	2310	Apr 18	1660	Mar 22	15000	Jun 23 1972
LOWEST DAILY MEAN	123	Nov 8	105	Sep 19	79	Sep 11 1965
ANNUAL SEVEN-DAY MINIMUM	127	Nov 3	110	Sep 13	80	Sep 17 1965
MAXIMUM PEAK FLOW			2000	Mar 22	<b>a</b> 21300	Jun 23 1972
MAXIMUM PEAK STAGE			3.10	Mar 22	<b>b</b> 11.67	Jun 23 1972
ANNUAL RUNOFF (CFSM)	1.08		.96		1.53	
ANNUAL RUNOFF (INCHES)	14.69		12.97		20.75	
10 PERCENT EXCEEDS	523		529		788	
50 PERCENT EXCEEDS	200		166		260	
90 PERCENT EXCEEDS	136		127		134	

**a** From rating curve extended above 9,000 ft<sup>3</sup>/s.  
**b** From floodmark in gage.

