

**WEST BRANCH SUSQUEHANNA RIVER BASIN**

**01548500 PINE CREEK AT CEDAR RUN, PA**

**LOCATION.**--Lat 41°31'18", long 77°26'52", Lycoming County, Hydrologic Unit 02050205, on left bank at upstream side of highway bridge on Township Route 762 at village of Cedar Run, 2,000 ft downstream from Cedar Run, and 1.2 mi upstream from Gamble Run.

**DRAINAGE AREA.**--604 mi<sup>2</sup>.

**PERIOD OF RECORD.**--July 1918 to current year. Prior to October 1918 monthly discharge only, published in WSP 1302.

**GAGE.**--Water-stage recorder. Datum of gage is 780.36 ft above sea level. Prior to Feb. 13, 1930, nonrecording gage at same site and 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 5,900 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)
Apr. 10	0330	*9,090	*6.70	No other peak greater than 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	65	104	354	e260	491	e320	1680	678	290	222	66	267
2	63	102	310	e240	374	325	1600	608	306	350	63	201
3	63	116	e280	e230	282	305	1410	547	335	236	58	146
4	63	96	e260	e220	253	291	1460	492	318	202	55	122
5	88	94	e240	e210	264	e280	1880	446	276	218	52	110
6	427	93	e230	e210	284	e280	2630	406	252	215	49	97
7	364	91	e220	e200	263	e280	4130	369	239	186	47	81
8	265	88	e210	e200	247	263	5990	342	224	171	43	74
9	229	91	e210	e200	268	257	6480	325	208	163	40	67
10	199	119	e210	e200	e400	241	8120	314	197	150	45	67
11	179	186	e240	e220	e700	228	5490	298	193	157	68	68
12	161	161	e280	e220	e520	e210	3890	292	193	146	73	63
13	145	136	e320	e200	e640	353	2940	293	225	125	54	63
14	133	128	e320	e220	e740	749	2230	265	194	114	46	217
15	124	127	e280	254	e1200	677	1800	259	170	106	40	237
16	117	123	e500	262	e1100	586	e1900	242	166	103	41	145
17	118	122	e1100	249	e1300	585	1890	231	216	99	221	111
18	204	122	1510	230	e1200	642	1750	233	178	140	178	95
19	289	121	1280	221	e1100	651	1560	225	148	133	103	85
20	191	116	e980	209	e910	800	1390	208	136	104	129	89
21	162	115	e760	e170	e800	e1100	1550	200	143	89	179	116
22	151	99	e620	e140	e670	1770	2270	221	174	79	107	119
23	141	e74	e510	e130	e600	1620	2160	242	460	74	88	104
24	135	68	e460	e150	e550	1780	2030	245	768	68	91	213
25	132	100	e440	e160	e500	1430	1710	202	411	77	92	2160
26	131	157	e400	e150	e460	1150	1440	361	330	100	76	1270
27	127	394	e380	e140	e400	919	1230	363	285	124	101	715
28	123	371	e360	e140	362	818	1050	433	251	92	180	516
29	119	376	e340	e150	---	765	878	390	224	73	244	419
30	111	381	e320	e160	---	1800	761	345	207	67	175	344
31	106	---	e300	e240	---	2050	---	307	---	66	142	---
TOTAL	4925	4471	14224	6185	16878	23525	75299	10382	7717	4249	2946	8381
MEAN	159	149	459	200	603	759	2510	335	257	137	95.0	279
MAX	427	394	1510	262	1300	2050	8120	678	768	350	244	2160
MIN	63	68	210	130	247	210	761	200	136	66	40	63
CFSM	.26	.25	.76	.33	1.00	1.26	4.16	.55	.43	.23	.16	.46
IN.	.30	.28	.88	.38	1.04	1.45	4.64	.64	.48	.26	.18	.52

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1919 - 2001, BY WATER YEAR (WY)**

MEAN	360	750	833	831	908	1849	1984	1235	612	280	220	205
MAX	2910	3077	2260	2741	3090	6362	5678	3580	3601	1160	2712	2458
(WY)	1991	1951	1928	1937	1981	1936	1993	1919	1972	1928	1994	1975
MIN	28.9	41.3	65.4	47.6	119	590	374	238	90.4	50.2	32.6	19.3
(WY)	1965	1931	1961	1931	1920	1981	1946	1941	1991	1966	1939	1964

e Estimated.

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01548500 PINE CREEK AT CEDAR RUN, PA--Continued

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1919 - 2001	
ANNUAL TOTAL	259240		179182		838	
ANNUAL MEAN	708		491		1400	
HIGHEST ANNUAL MEAN					1978	
LOWEST ANNUAL MEAN					1941	
HIGHEST DAILY MEAN	6790	Feb 28	8120	Apr 10	42600	Jun 23 1972
LOWEST DAILY MEAN	48	Sep 8-10	40	Aug 9,15	8.0	Sep 2 1939
ANNUAL SEVEN-DAY MINIMUM	52	Sep 5	47	Aug 4	11	Aug 28 1939
MAXIMUM PEAK FLOW			9090	Apr 10	<b>a</b> 66000	Jun 23 1972
MAXIMUM PEAK STAGE			6.70	Apr 10	<b>b</b> 16.00	Jun 23 1972
INSTANTANEOUS LOW FLOW					8.0	Sep 1,2 1939
ANNUAL RUNOFF (CFSM)	1.17		.81		1.39	
ANNUAL RUNOFF (INCHES)	15.97		11.04		18.85	
10 PERCENT EXCEEDS	1880		1270		2030	
50 PERCENT EXCEEDS	323		225		394	
90 PERCENT EXCEEDS	80		80		65	

**a** From rating curve extended above 16,000 ft<sup>3</sup>/s on basis of slope-area measurement of peak flow.  
**b** From floodmark.

