

**01549590 LITTLE PINE CREEK BELOW RESERVOIR NEAR WATERVILLE, PA**

West Branch Susquehanna Basin  
Pine Subbasin

LOCATION.--Lat 41°21'12", long 77°21'20" referenced to North American Datum of 1927, Lycoming County, PA, Hydrologic Unit 02050205, at bridge at Little Pine State Park campground, 0.2 mi downstream from Little Pine Dam, and 3.4 mi upstream from mouth and Waterville.

DRAINAGE AREA.--172 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--1987-90, 1992 to current year.

GAGE.--Non-recording gage. Datum of gage is 673.46 ft above National Geodetic Vertical Datum of 1929.

COOPERATION.--Station established and maintained by the U.S. Geological Survey in cooperation with the Pennsylvania Department of Environmental Protection.

**DISCHARGE MEASUREMENTS**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

<b>Date</b>	<b>Discharge, in ft<sup>3</sup>/s</b>
Oct 12, 2007	2.84
Dec 10, 2007	55.0
Jan 28, 2008	109
Mar 10, 2008	2,150
Apr 21, 2008	215
Jun 2, 2008	102
Jul 7, 2008	27.3
Aug 7, 2008	21.3
Aug 26, 2008	6.04

01549590 LITTLE PINE CREEK BELOW RESERVOIR NEAR WATERVILLE, PA—Continued

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--April 2002 to current year.

REMARKS.--Analyses for pH, water temperature, specific conductance, and dissolved oxygen are performed on site. All other sample analyses were performed at the Pennsylvania Department of Environmental Protection laboratory in Harrisburg, Pa.

COOPERATION.--Water-quality samples were collected as part of the Pennsylvania Department of Environmental Protection Water-Quality Network (WQN) with cooperation from the Pennsylvania Department of Environmental Protection.

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 1 of 3

[Remark codes: <, less than; M, presence verified but not quantified.]

Date	Time	Instantaneous discharge, cfs (00061)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	pH, water, unfltrd lab, std units (00403)	Specific conductance, wat unfltrd lab, μS/cm 25 degC (90095)	Specific conductance, wat unfltrd lab, μS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO3 (00900)	Calcium water, unfltrd, mg/L (00915)	Calcium water unfltrd recover-able, mg/L (00916)	Magnesium, water, unfltrd, mg/L (00925)	Magnesium, water, unfltrd recover-able, mg/L (00927)
Oct 03...	1045	1.8	8.9	6.8	7.5	171	176	17.6	66	17.0	16.7	5.92	5.9
Dec 03...	1030	71	14.6	7.3	7.2	125	126	3.0	39	10.5	10.8	3.01	3.0
Feb 04...	1130	302	15.0	6.8	7.3	101	104	1.6	30	7.90	8.1	2.37	2.4
Apr 08...	1130	443	14.3	7.0	7.0	70	70	7.5	23	5.85	6.1	1.76	1.9
Jun 05...	1230	86	10.5	7.0	7.2	107	107	17.0	40	10.0	10.1	3.62	3.6

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 2 of 3

[Remark codes: <, less than; M, presence verified but not quantified.]

Date	ANC, wat unfltrd fixed end pt, lab, mg/L as CaCO3 (00417)	Sulfate water, unfltrd, mg/L (00945)	Residue on evap. at 105degC, wat flt mg/L (00515)	Residue total non-filterable, mg/L (00530)	Ammonia water, unfltrd, mg/L as N (00610)	Nitrate water, unfltrd, mg/L as N (00620)	Nitrite water, unfltrd, mg/L as N (00615)	Total nitrogen, water, unfltrd, mg/L (00600)	Ortho-phosphate, water, unfltrd, mg/L as P (70507)	Phosphorus, water, unfltrd, mg/L as P (00665)	BOD, water, unfltrd 5 day, 20 degC, mg/L (00310)	Aluminum, water, unfltrd, μg/L (01106)	Aluminum, water, unfltrd recover-able, μg/L (01105)
Oct 03...	23	45.3	126	18	.090	.11	<.040	.35	<.01	.011	.3	<10	M
Dec 03...	14	22.3	102	4	<.020	.55	<.040	.68	<.01	<.010	.3	<10	M
Feb 04...	9	18.1	92	2	<.020	.51	<.040	.58	<.01	<.010	.3	11	M
Apr 08...	9	13.9	44	4	<.020	.27	<.040	.42	<.01	<.010	1.4	10	M
Jun 05...	15	26.1	88	<5	.030	.13	<.040	.26	<.01	.012	1.6	<10	M

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**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 3 of 3

[Remark codes: &lt;, less than; M, presence verified but not quantified.]

Date	Copper,		Iron,		Lead,		Mangan-		Nickel,		Zinc,	
	Copper, water, fltrd, µg/L (01040)	unfltrd recover -able, µg/L (01042)	Iron, water, fltrd, µg/L (01046)	unfltrd recover -able, µg/L (01045)	Lead, water, fltrd, µg/L (01049)	unfltrd recover -able, µg/L (01051)	Mangan- ese, water, fltrd, µg/L (01056)	unfltrd recover -able, µg/L (01055)	Nickel, water, fltrd, µg/L (01065)	unfltrd recover -able, µg/L (01067)	Zinc, water, fltrd, µg/L (01090)	unfltrd recover -able, µg/L (01092)
<b>Oct</b>												
<b>03...</b>	<4	<4	<20	390	<1.0	<1.0	280	350	<4.0	<4.0	<5.0	<5.0
<b>Dec</b>												
<b>03...</b>	<4	<4	20	60	<1.0	<1.0	20	20	<4.0	<4.0	<5.0	<5.0
<b>Feb</b>												
<b>04...</b>	<4	<4	<20	40	<1.0	<1.0	30	30	<4.0	<4.0	<5.0	<5.0
<b>Apr</b>												
<b>08...</b>	<4	<4	<20	50	<1.0	<1.0	50	50	<4.0	<4.0	<5.0	<5.0
<b>Jun</b>												
<b>05...</b>	<4	<4	50	220	<1.0	<1.0	100	110	<4.0	<4.0	<5.0	<5.0