Table 18.--Chemical analyses of BC-1 at Mocanaqua, Pa., for 1966 water year--Continued

Lat 41°09'01", Long 76°08'45"

(Mean concentrations, in milligrams per liter)

Date of collection	Mean discharge (cfs)	Temperature (°C)	Aluminum (Al)	Iron a/ (Fe)	Zinc (Zn)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Acidity as H_2SO_4	Sulfate (SO_4)	Dissolved solids (sum)	Calcium, magnesium, hardness as $CaCO_3$ (calculated)	Total acidity as H^+	Field measurements: Specific conductance (micromhos at 25°C)	Field measurements: pH	Tons per day: Iron (Fe)	Tons per day: Acid (H_2SO_4)	Tons per day: Sulfate (SO_4)	Tons per day: Dissolved solids (sum)
LUZERNE COUNTY--Continued																			
Mar. 6-16	6.80	11.2	c/13	59	--	17	--	--	298	938	c/1,250	768	6.1	1,520	3.40	1.08	5.47	17.2	23.0
Mar. 17-31	4.59	11.6	c/12	97	--	17	--	---	293	968	c/1,270	736	6.0	1,600	3.38	1.20	3.63	12.0	15.7
Apr. 1-8	4.26	11.4	8.5	99	--	17	119	100	300	944	1,300	708	6.1	1,700	3.38	1.14	3.45	10.9	15.0
Apr. 9-30	3.65	11.5	19	117	0.86	21	138	105	318	1,070	1,510	776	6.5	1,760	3.38	1.15	3.13	10.5	14.9
May 1-4	3.66	11.7	19	130	.77	22	147	111	332	1,150	1,620	824	6.8	1,780	3.47	1.28	3.28	11.4	16.0
May 5-8	4.04	11.8	17	112	.83	20	142	106	387	1,030	1,460	790	7.9	1,700	3.42	1.22	4.22	11.2	15.9
May 9-15	4.24	11.8	15	114	.91	22	151	113	314	1,150	1,600	842	6.4	1,770	3.30	1.31	3.59	13.2	18.3
May 16-28	4.42	11.7	14	95	.82	20	142	114	296	1,100	1,520	824	6.0	1,700	3.30	1.13	3.53	13.1	18.1
May 29-31	13.6	11.3	c/14	81	--	17	121	95	314	913	1,280	692	6.4	1,630	3.54	2.97	11.5	33.5	47.0
June 1-3	11.2	11.4	14	75	.84	17	121	93	270	887	1,240	684	5.5	1,570	3.28	2.27	8.16	26.8	37.5
June 4-8	7.16	11.6	13	74	.81	16	111	88	261	847	1,190	639	5.3	1,520	3.32	1.43	5.05	16.4	23.0
June 9-16	4.98	11.7	15	81	.83	17	116	94	266	907	1,270	676	5.4	1,610	3.37	1.09	3.58	12.2	17.1
June 17-30	3.43	11.8	c/16	90	.86	19	130	104	298	1,010	1,410	752	6.1	1,710	3.27	.83	2.76	9.35	13.1
July 1-24	2.52	11.9	c/17	109	.84	20	147	113	331	1,120	1,560	832	6.8	1,830	3.21	.74	2.25	7.62	10.6
July 25-31	2.15	12.0	18	139	.82	22	153	123	352	1,200	1,690	888	7.2	1,870	3.63	.81	2.04	6.97	9.81
Aug. 1-12	2.17	12.0	c/19	163	.82	24	166	134	374	1,320	1,860	965	7.6	1,950	3.43	.96	2.19	7.73	10.9