

FIELD WATER-QUALITY DATA COLLECTED AT GAGING  
STATIONS IN WEST VIRGINIA, 1945-75

By Colleen K. Cooper and Elizabeth A. Hanna

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STATIONS IN WEST VIRGINIA, 1945-75

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ABSTRACT

Field water-quality data collected at 133 stream-gaging stations in West Virginia during the period 1945-75 are presented in this report. These data were collected as part of West Virginia's streamflow data program and have not been published previously. The water-quality data include the following parameters, as available: date, time, streamflow, specific conductance, pH, air temperature, water temperature, and dissolved-oxygen concentration.

## INTRODUCTION

Field water-quality data collected at 133 stream-gaging stations in West Virginia during 1945-75 are compiled in this report. These data were collected as a part of the West Virginia streamflow data program and have not been published previously. These data have been used, in combination with chemical analyses, to describe the long-term trends of selected chemical constituents in major streams and rivers throughout West Virginia.

The data are presented in downstream order of the gaging station and listed chronologically. In establishing downstream order, gaging stations are ranked according to their position within a drainage basin. Station rank is in a downstream direction along the main stream, as shown in the list of gaging stations in this report. All stations on a tributary entering upstream from a main-stream station are listed before that station. A station on a tributary that enters between two main-stream stations is listed between them. The rank of any tributary on which a station is situated with respect to the stream to which it is immediately tributary is indicated by an indentation in the table. Each indentation represents one rank.

Each station has been assigned an 8-digit station identification number, for example, 01595200, which consists of a 2-digit major basin part number "01," followed by a 6-digit downstream order number "595200." On the station-location map of West Virginia (fig. 1), an abbreviated version of the 8-digit number is used. The first two digits (part number), the third digit (if zero), and the last two digits (if zero), are omitted. Therefore, the station number 01595200 is shown as "5952."

Each station record in this report consists of a description of the station and the data for that station. The station description includes the location, drainage area, and period of streamflow record. The location of the gaging station and the drainage area are obtained from the most accurate maps available. River mileage, given under "LOCATION" for some stations, was determined by methods described in "River Mileage Measurement," Bulletin 14, Revision of October 1968, prepared by the Water Resources Council or was provided by the U.S. Army Corps of Engineers. Dates for which there were published streamflow records for a station or for an equivalent station are listed under "PERIOD OF STREAMFLOW RECORD."

The water-quality data include the following parameters, where available: date, time, streamflow, specific conductance, pH, air temperature, water temperature, and dissolved-oxygen concentration. Instantaneous streamflow data are reported in cubic foot per second, which represents a volume of 1 cubic foot of water passing a given point during 1 second and is equivalent to 7.48 gallons per second or 0.02832 cubic meters per second.

### Abbreviations

Abbreviations used in the tables of the report are as follows:

CFS = Cubic feet per second  
US/CM = Microsiemens per centimeter  
at 25° Celsius  
MG/L = Milligrams per liter  
DEG C = Degrees Celsius  
mi<sup>2</sup> = Square miles

GAGING STATIONS, IN DOWNSTREAM ORDER, FOR WHICH RECORDS ARE PUBLISHED

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01605500	22
01605600	25
01606500	27
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South Mill Creek:	
Spring Run:	
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01607500	34
01608000	40
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GAGING STATIONS, IN DOWNSTREAM ORDER, FOR WHICH RECORDS ARE PUBLISHED

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POTOMAC RIVER BASIN

01595200 STONY RIVER NEAR MOUNT STORM, WV

LOCATION.--Lat 39°16'10", long 79°15'45", Grant County, Hydrologic Unit 02070002, on left bank 100 ft downstream from highway bridge on U.S. Highway 50, 1.0 mi west of Mount Storm, and at mile 6.4.

DRAINAGE AREA.--48.8 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1961 to current year.

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
NOV 1961					JUN 1965				
29...	1115	56	1.0	0.0	01...	0930	10	23.0	15.5
JAN 1962					JUL				
08...	1245	242	--	0.5	06...	1100	78	20.0	18.5
FEB					AUG				
19...	1135	75	--	0.5	09...	1130	7.0	23.0	21.5
MAR					SEP				
22...	1250	984	--	2.5	22...	0910	4.1	23.0	19.5
APR					NOV				
02...	1210	266	--	3.0	15...	1015	5.2	4.0	3.0
30...	1200	130	--	12.5	DEC				
JUN					13...	1030	27	8.5	5.5
08...	1420	63	--	16.5	FEB 1966				
JUL					01...	1530	11	-8.0	0.0
16...	1130	198	--	16.5	MAR				
AUG					14...	1100	210	8.0	5.0
20...	1125	48	--	19.5	MAY				
OCT					03...	1105	350	15.5	8.5
01...	1130	5.7	--	10.0	JUL				
NOV					11...	1040	6.0	--	5.5
19...	1115	215	--	3.5	AUG				
JAN 1963					15...	1015	18	--	19.5
02...	1050	52	-9.5	1.0	SEP				
FEB					20...	1000	135	14.5	13.0
06...	1050	53	15.5	1.5	OCT				
MAY					31...	1110	65	--	10.0
02...	1320	66	13.5	8.5	JAN 1967				
06...	0940	49	21.5	14.0	03...	1140	62	--	1.5
JUN					FEB				
13...	1335	88	--	14.5	16...	1125	86	--	2.5
OCT					MAR				
07...	1300	24	29.0	15.5	27...	1135	215	--	7.5
21...	1205	5.8	23.5	11.0	MAY				
NOV					08...	1340	647	--	11.5
26...	1000	11	9.0	1.5	AUG				
JAN 1964					28...	1020	69	--	15.5
17...	1310	26	4.5	0.0	OCT				
FEB					09...	1020	21	12.5	12.5
25...	1000	20	-1.0	0.5	NOV				
APR					13...	1010	23	0.5	6.0
15...	1100	51	15.0	9.0	DEC				
MAY					18...	1105	127	10.0	7.5
19...	1035	15	25.5	16.0	JAN 1968				
JUN					29...	1115	94	8.5	3.5
22...	1050	12	--	20.0	MAR				
SEP					11...	1030	128	3.0	4.0
15...	1030	33	20.0	10.5	APR				
25...	1430	27	16.5	13.5	22...	1030	29	18.5	13.5
OCT					JUN				
27...	1130	32	19.0	8.0	03...	1045	86	18.0	13.5
DEC					JUL				
08...	1130	41	-2.0	0.0	15...	1115	20	24.5	20.0
JAN 1965					AUG				
25...	1045	152	-1.5	1.0	26...	1030	16	14.5	19.5
MAR					OCT				
05...	1615	191	1.0	0.0	07...	1150	7.1	--	9.5
08...	1340	158	4.5	0.0	NOV				
APR					18...	1530	109	8.0	6.5
14...	1045	184	5.5	4.0					

POTOMAC RIVER BASIN

01595200 STONY RIVER NEAR MOUNT STORM, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1969						
09...	1530	78	--	--	5.0	4.0
FEB						
17...	1315	51	--	--	8.0	3.0
MAR						
26...	1310	356	--	--	4.0	5.5
MAY						
05...	1200	37	--	6.00	22.5	15.5
JUN						
16...	1305	34	--	6.00	15.5	20.0
JUL						
28...	1320	34	--	5.50	24.5	23.5
SEP						
11...	1220	40	--	5.00	11.5	15.0
OCT						
23...	1435	32	--	5.20	5.0	8.0
DEC						
01...	1330	51	--	5.00	-1.5	4.0
04...	1110	43	--	5.00	0.0	2.0
JAN 1970						
13...	1130	23	--	7.80	-6.0	1.0
FEB						
25...	1245	204	--	4.60	4.0	0.0
APR						
08...	1235	301	--	4.50	16.0	9.0
MAY						
19...	1330	16	180	5.00	23.0	16.0
JUN						
22...	1645	21	150	5.00	23.0	19.0
AUG						
12...	1300	10	275	4.00	22.0	17.5
SEP						
03...	1145	12	--	--	24.5	19.0
24...	1335	23	175	5.00	--	22.0
NOV						
05...	1155	356	165	4.00	10.0	12.5
DEC						
16...	1300	94	155	5.00	-2.0	3.5
JAN 1971						
26...	1345	163	140	4.60	1.0	3.5
FEB						
17...	1315	104	--	4.50	7.5	3.0
18...	0930	120	--	4.70	-3.5	3.0
MAR						
29...	1520	173	--	4.60	9.5	6.5
MAY						
10...	1230	139	--	--	16.5	12.5
JUN						
22...	1320	39	--	--	21.5	21.5
AUG						
02...	1600	25	--	--	24.0	21.0
SEP						
13...	1400	97	--	--	20.0	18.0
16...	1530	257	--	--	26.0	24.0
OCT						
27...	1345	288	--	--	26.0	17.0
NOV						
30...	1025	235	--	--	1.5	2.5
JAN 1972						
12...	1500	167	--	--	12.5	6.5
FEB						
16...	1315	72	--	--	6.0	5.0
MAR						
20...	1420	105	220	5.00	4.0	5.0

# POTOMAC RIVER BASIN

01595200 STONY RIVER NEAR MOUNT STORM, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
APR 1972						
17...	1245	370	--	--	12.0	9.0
MAY						
02...	1130	66	140	5.50	19.0	13.5
30...	1245	59	--	--	25.0	18.0
JUN						
24...	1200	536	--	--	9.0	18.0
JUL						
31...	1435	51	--	6.00	22.0	21.0
SEP						
05...	1230	31	--	--	22.0	18.0
29...	1020	65	--	--	26.0	18.0
29...	1430	76	--	--	26.0	18.0
OCT						
10...	1445	109	--	--	20.0	15.0
NOV						
08...	1300	187	--	--	5.0	8.0
14...	1320	338	--	--	10.0	8.0
DEC						
05...	1230	169	--	--	15.0	9.0
JAN 1973						
02...	1550	158	--	--	1.0	4.0
FEB						
05...	1325	120	--	--	6.0	4.0
MAR						
05...	1300	181	--	--	16.0	7.0
APR						
02...	1130	180	140	5.00	7.0	8.0
MAY						
07...	1350	184	135	4.40	23.0	16.0
JUN						
11...	1200	108	120	4.70	26.0	20.0
JUL						
09...	1210	19	130	5.20	26.0	23.0
SEP						
10...	1300	14	205	5.80	14.0	16.5
OCT						
02...	1100	69	200	4.90	14.0	14.0
30...	1120	134	180	4.70	10.0	10.0
DEC						
03...	1205	131	155	5.00	13.0	9.0
JAN 1974						
02...	1100	95	--	5.20	1.0	1.0
30...	1815	70	210	6.60	7.0	7.0
FEB						
27...	1510	127	190	5.70	6.0	5.5
MAR						
28...	1130	86	250	5.70	7.5	6.5
APR						
22...	1030	82	130	5.30	16.5	17.5
MAY						
14...	1020	66	155	5.10	24.0	11.5
JUN						
17...	1250	110	--	5.60	12.0	11.0
26...	1630	245	--	--	21.0	20.5
JUL						
16...	1400	37	--	--	24.0	18.0
26...	0920	15	230	5.70	20.0	17.0
AUG						
14...	1340	10	--	--	26.0	22.0
SEP						
10...	1130	18	--	--	17.0	16.0
OCT						
08...	1405	14	230	5.60	22.0	9.0

POTOMAC RIVER BASIN

01595200 STONY RIVER NEAR MOUNT STORM, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
NOV 1974						
05...	1300	21	180	6.00	14.5	14.5
DEC						
10...	1210	114	225	5.30	8.0	2.0
JAN 1975						
14...	1200	148	175	5.50	-5.0	1.0
FEB						
11...	1425	159	190	5.80	4.5	5.5
MAR						
11...	1110	87	250	6.00	7.0	3.5
APR						
14...	1315	74	160	5.00	16.0	5.0
MAY						
12...	1215	151	155	5.50	13.5	14.0
JUN						
17...	1155	28	--	--	29.5	18.5
JUL						
17...	1310	33	150	5.00	26.0	22.5
AUG						
18...	1115	167	155	5.00	23.0	21.5
SEP						
17...	1245	33	170	7.00	19.0	--

POTOMAC RIVER BASIN

01595300 ABRAM CREEK AT OAKMONT, WV

LOCATION.--Lat 39°22'00", long 79°10'45", Mineral County, Hydrologic Unit 02070002, on downstream side of right wingwall of highway bridge, 0.5 mi east of Oakmont, 1.2 mi downstream from Emory Run, 1.8 mi southwest of Elk Garden, and at mile 1.9.

DRAINAGE AREA.--42.6 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--August 1956 to September 1982.

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1956					APR 1961				
26...	1100	9.7	10.5	11.5	14...	1310	234	20.0	9.5
NOV					MAY				
12...	1255	32	20.0	7.0	31...	1025	31	16.5	13.5
DEC					JUL				
10...	1200	91	15.0	4.0	11...	1040	9.2	24.0	15.5
JAN 1957					AUG				
14...	1245	90	-2.0	0.0	22...	1030	12	19.5	17.0
FEB					OCT				
13...	1030	196	1.0	1.0	03...	1600	6.4	--	13.5
APR					NOV				
01...	1215	53	8.5	6.0	21...	1245	11	-1.0	0.5
MAY					JAN 1962				
13...	1100	19	31.0	18.0	08...	1445	145	--	0.5
JUL					FEB				
08...	1045	5.6	24.0	--	19...	1340	48	--	1.0
AUG					APR				
05...	1100	6.1	22.0	17.5	02...	1420	140	--	5.5
SEP					30...	1405	76	--	15.0
09...	1045	0.50	20.0	19.0	JUN				
OCT					08...	1220	67	--	16.0
14...	1225	2.6	25.5	8.5	JUL				
NOV					16...	1350	97	--	16.5
04...	1230	4.7	11.0	9.0	AUG				
JUN 1958					20...	1255	3.1	--	22.0
09...	1205	11	23.5	18.0	OCT				
JUL					01...	1310	3.3	--	12.5
14...	1210	10	28.5	22.0	NOV				
AUG					19...	1330	96	--	4.5
18...	1130	17	19.5	18.5	JAN 1963				
NOV					02...	1235	38	1.5	1.0
04...	0940	9.7	8.5	5.0	FEB				
DEC					06...	1245	31	18.0	1.5
15...	1230	3.9	-12.0	0.0	JUN				
JAN 1959					17...	1130	46	25.5	20.0
20...	1140	31	1.0	2.5	JUL				
MAR					29...	1455	3.1	26.0	23.0
02...	1135	40	4.5	2.0	OCT				
APR					21...	1355	1.8	19.5	13.0
14...	1010	61	4.5	4.5	NOV				
MAY					26...	1200	6.2	12.0	2.0
25...	0850	28	15.5	7.0	JAN 1964				
OCT					17...	1110	58	4.5	1.0
05...	1140	4.3	26.5	22.0	FEB				
DEC					25...	1150	27	0.0	1.0
28...	1025	56	3.5	3.5	MAY				
FEB 1960					19...	1220	29	25.5	19.0
10...	1050	128	13.5	4.0	SEP				
MAR					25...	1050	4.9	16.5	13.5
28...	1115	129	8.5	1.5	OCT				
MAY					27...	1530	9.5	19.0	9.0
02...	1200	28	23.0	4.5	DEC				
SEP					08...	1535	54	1.0	0.0
13...	1030	34	20.5	15.0	JAN 1965				
OCT					25...	1320	274	-1.0	1.0
17...	1110	3.0	20.0	13.5	MAR				
DEC					08...	1030	132	1.5	0.0
05...	1020	9.1	18.5	1.0	APR				
JAN 1961					14...	1245	115	16.5	7.0
17...	1050	40	5.0	1.0					
MAR									
06...	1120	283	24.0	13.0					

## POTOMAC RIVER BASIN

01595300 ABRAM CREEK AT OAKMONT, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1965					
01...	1150	10	--	23.0	18.0
JUL					
06...	1400	2.3	--	28.0	23.5
AUG					
16...	1305	1.0	--	--	24.0
SEP					
22...	1215	1.1	--	30.5	23.5
NOV					
15...	1345	2.1	--	5.0	3.5
DEC					
13...	1255	6.3	--	10.5	7.0
FEB 1966					
02...	1220	9.3	--	-7.5	0.0
MAR					
14...	1320	101	--	12.0	6.0
MAY					
03...	1415	246	--	19.0	11.0
JUN					
06...	1345	14	--	--	19.5
JUL					
11...	1245	1.5	--	--	24.0
AUG					
15...	1205	10	--	--	20.0
OCT					
31...	1300	12	--	--	5.5
JAN 1967					
03...	1405	47	--	--	0.5
MAR					
27...	1350	171	--	--	8.5
AUG					
28...	1335	43	--	--	18.0
SEP					
22...	1120	5.9	--	--	15.5
OCT					
09...	1300	4.7	--	14.0	12.5
NOV					
13...	1220	7.8	--	6.5	6.5
DEC					
18...	1245	81	--	7.0	7.0
FEB 1968					
06...	1040	107	--	1.5	0.0
MAR					
11...	1240	161	--	3.5	4.0
APR					
22...	1330	24	--	21.5	14.5
JUN					
03...	1430	149	--	24.0	16.0
JUL					
15...	1500	21	--	30.5	25.5
AUG					
26...	1335	1.3	--	23.0	21.0
OCT					
07...	1340	2.6	--	--	10.0
NOV					
18...	1220	78	--	7.0	6.0
JAN 1969					
09...	1310	21	--	6.0	0.0
FEB					
17...	1200	27	--	6.0	0.0
MAR					
26...	1040	224	--	3.5	1.5
MAY					
05...	1000	24	4.50	22.0	14.0

POTOMAC RIVER BASIN  
01595300 ABRAM CREEK AT OAKMONT, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1969						
16...	1050	19	--	4.20	16.5	15.5
JUL						
28...	1110	6.9	--	4.50	20.0	20.5
SEP						
11...	1045	17	--	4.20	18.5	11.5
OCT						
23...	1130	8.3	--	4.20	3.0	5.5
DEC						
01...	1100	17	--	4.20	3.5	0.5
JAN 1970						
12...	1245	63	--	4.80	-8.0	-1.0
FEB						
25...	1135	103	--	4.50	0.0	0.0
APR						
08...	0930	174	--	5.00	10.0	3.5
MAY						
19...	1210	36	300	5.00	24.0	14.0
JUN						
22...	1205	11	650	4.00	23.0	17.0
AUG						
12...	1135	5.3	1000	4.00	26.0	19.0
SEP						
24...	1200	4.3	950	4.00	26.0	21.0
NOV						
04...	1150	139	210	5.00	10.5	8.0
DEC						
16...	1150	50	240	5.00	-2.0	1.0
JAN 1971						
26...	--	107	205	5.50	-3.0	1.0
FEB						
17...	0930	82	255	4.30	-3.0	0.0
MAR						
29...	1030	100	197	4.30	10.0	4.0
MAY						
10...	1015	120	--	--	16.5	9.0
JUN						
22...	1050	28	--	--	22.5	18.0
AUG						
02...	1415	35	--	--	22.0	19.0
SEP						
30...	1500	257	--	--	20.0	18.0
OCT						
27...	1545	186	--	--	27.0	19.0
NOV						
29...	1325	183	--	--	9.5	6.0
JAN 1972						
12...	1100	113	250	5.30	13.5	3.5
FEB						
16...	1115	87	375	4.50	5.0	0.0
MAR						
20...	1545	125	400	5.00	9.0	5.0
MAY						
02...	0945	82	190	6.00	19.5	11.5
30...	1400	38	--	--	27.0	19.0
JUN						
24...	1415	154	--	--	13.0	12.0
JUL						
31...	1215	35	140	4.00	20.0	17.0
SEP						
05...	1415	13	--	--	20.0	17.0
OCT						
10...	1330	79	--	--	21.0	7.0
NOV						
08...	1630	272	--	--	4.0	7.0



POTOMAC RIVER BASIN

01595300 ABRAM CREEK AT OAKMONT, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
DEC 1972						
05...	1140	154	--	--	14.0	8.0
JAN 1973						
02...	1700	66	--	--	2.0	2.0
FEB						
05...	1605	107	--	--	5.0	3.0
MAR						
05...	1600	232	--	--	9.0	4.5
APR						
02...	1530	240	150	5.50	7.0	8.0
MAY						
07...	1555	72	220	5.40	24.0	14.0
JUN						
11...	1515	47	220	4.00	26.0	20.0
JUL						
09...	1530	14	480	5.70	29.0	23.5
AUG						
14...	1445	51	255	6.20	19.5	18.0
SEP						
10...	1500	9.1	580	5.50	17.0	17.5
OCT						
02...	1325	67	190	6.90	16.5	14.0
30...	1430	146	205	7.40	7.5	8.0
DEC						
03...	1420	51	180	5.50	17.0	6.0
JAN 1974						
02...	1350	123	--	6.10	4.0	2.5
30...	1645	65	--	--	9.5	6.5
FEB						
27...	1315	75	325	5.10	7.5	4.0
MAR						
28...	1000	44	460	5.20	6.0	6.0
APR						
22...	1420	51	220	6.10	13.0	12.0
MAY						
14...	1230	59	230	5.90	31.0	13.0
JUN						
17...	1105	57	--	5.60	12.0	13.0
JUL						
16...	1210	29	--	5.10	24.0	19.0
AUG						
14...	1300	22	--	--	25.0	18.0
SEP						
09...	1250	32	--	5.10	--	--
OCT						
08...	1550	8.8	--	--	15.0	9.0
NOV						
05...	1130	15	500	4.70	15.0	13.0
DEC						
10...	1440	80	250	5.50	3.0	0.0
JAN 1975						
14...	1340	65	215	5.70	-4.0	0.0
FEB						
11...	1340	110	190	6.20	7.0	2.0
MAR						
11...	1330	86	290	5.00	2.0	2.5
24...	1140	78	220	--	8.5	7.5
MAY						
12...	1350	90	190	6.30	18.0	12.0
JUL						
17...	1225	15	--	--	24.0	20.5
AUG						
18...	1035	101	350	--	21.0	16.5
SEP						
17...	1110	15	600	--	17.5	13.0

POTOMAC RIVER BASIN

01599500 NEW CREEK NEAR KEYSER, WV

LOCATION.--Lat 39°24'35", long 79°00'05", on right bank at highway bridge, 0.2 mi downstream from Block Run, 1.5 mi south of Keyser, Mineral County, and 3.0 mi upstream from mouth.

DRAINAGE AREA.--45.7 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--April 1930 to September 1931, July 1947 to September 1963. Annual maximums, water years 1964-65.

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANECUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANECUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1946					AUG 1949				
20...	1110	2.1	--	16.5	15...	1300	34	20.5	21.0
JUL 1947					SEP				
21...	1745	10	25.0	24.0	12...	1145	9.7	18.5	16.5
AUG					OCT				
22...	1040	4.2	30.0	29.0	17...	1310	6.3	28.5	18.5
SEP					NOV				
09...	1620	4.1	29.0	26.0	11...	1155	8.3	18.5	9.5
16...	1640	2.8	23.5	24.0	DEC				
OCT					05...	0855	25	2.5	5.0
20...	1245	2.2	26.5	18.0	JAN 1950				
NOV					09...	1205	28	12.5	1.0
17...	1800	23	4.0	5.0	FEB				
DEC					14...	1140	155	2.5	5.0
08...	1400	11	7.5	8.0	APR				
JAN 1948					10...	1105	32	9.0	6.5
12...	1250	38	5.0	0.0	JUL				
FEB					17...	1205	7.1	26.0	24.5
09...	1435	6.3	-4.5	0.0	AUG				
MAR					15...	1730	2.6	25.5	23.5
08...	1400	124	6.5	5.0	16...	0845	2.8	23.5	19.0
17...	1150	49	8.5	8.0	SEP				
25...	1215	227	15.5	10.0	18...	1115	5.0	21.5	14.5
APR					OCT				
13...	1320	803	7.5	9.5	23...	1230	11	14.0	12.5
MAY					NOV				
10...	1220	97	26.0	15.5	13...	1140	16	6.0	2.0
JUN					DEC				
22...	1045	11	26.5	21.5	18...	1150	34	-4.0	0.0
JUL					JAN 1951				
19...	1400	7.5	27.5	25.5	15...	1310	265	4.0	4.0
27...	1120	6.2	27.5	22.5	16...	0920	177	-5.0	0.0
AUG					FEB				
10...	1225	4.2	26.0	21.5	12...	1200	127	14.0	3.0
SEP					MAR				
07...	1120	3.6	24.5	21.5	19...	1135	67	4.5	4.5
OCT					APR				
04...	1120	3.0	11.0	13.0	23...	1155	57	10.0	10.0
NOV					MAY				
01...	1205	5.5	18.5	11.5	21...	1145	35	21.0	16.0
DEC					JUN				
16...	0930	664	4.0	5.5	18...	1315	72	23.0	17.5
16...	1145	772	4.0	5.5	JUL				
16...	1230	77	5.5	7.0	23...	1200	5.9	29.5	25.5
JAN 1949					AUG				
03...	1340	55	6.0	2.5	20...	1150	2.9	26.5	21.0
25...	1200	125	12.5	8.5	SEP				
FEB					24...	1230	1.7	18.0	15.5
07...	1250	125	4.0	5.5	DEC				
MAR					05...	1120	13	12.5	6.5
14...	1200	47	5.5	3.0	JAN 1952				
APR					14...	1135	36	14.5	6.5
11...	1050	75	13.0	8.0	FEB				
MAY					25...	1120	23	6.0	3.5
10...	1105	30	16.5	15.5	APR				
JUN					08...	1105	88	--	7.0
06...	1115	10	28.0	18.5	JUL				
18...	1315	810	24.0	16.5	01...	1110	7.8	25.5	23.0
19...	1910	414	25.5	16.5					
20...	0840	266	21.0	--					

# POTOMAC RIVER BASIN

01599500 NEW CREEK NEAR KEYSER, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
AUG 1952					MAR 1956				
04...	1135	2.4	23.0	21.5	12...	1155	50	2.5	4.5
SEP					APR				
23...	1205	2.6	20.0	16.0	16...	1100	63	8.0	10.0
NOV					MAY				
04...	1030	3.0	10.5	5.5	14...	1005	43	29.0	18.0
JAN 1953					JUL				
26...	0900	150	-1.0	0.0	09...	1020	9.0	31.0	23.5
MAR					AUG				
09...	0935	93	3.5	0.5	14...	1145	8.3	27.5	21.5
APR					SEP				
27...	1155	48	10.5	10.0	26...	1300	5.6	15.0	14.5
JUN					OCT				
01...	0935	8.0	24.0	14.5	19...	1040	9.6	22.5	13.5
JUL					NOV				
20...	0930	6.6	28.0	21.0	12...	1450	20	20.5	10.5
AUG					DEC				
17...	0910	1.7	23.5	20.0	10...	1340	14	6.5	4.5
SEP					JAN 1957				
14...	0920	1.7	12.5	11.5	14...	1430	77	-2.0	0.5
OCT					FEB				
14...	1145	1.9	11.5	8.0	13...	1325	155	3.5	1.5
NOV					APR				
23...	0935	10	8.5	10.0	01...	1345	39	11.0	8.0
DEC					MAY				
21...	1145	4.4	4.0	0.0	13...	1235	17	31.0	20.5
JAN 1954					JUL				
20...	1210	7.4	4.5	0.0	08...	1215	7.3	25.0	20.5
FEB					AUG				
16...	1115	4.0	13.0	7.5	05...	1245	5.5	24.0	19.0
MAR					SEP				
17...	1130	60	10.0	3.0	09...	1215	1.7	21.0	19.0
APR					OCT				
28...	1155	32	16.0	16.0	14...	1345	3.8	25.5	11.5
MAY					NOV				
24...	1040	32	18.5	6.0	04...	1415	3.7	14.0	11.0
JUN					JAN 1958				
21...	0950	60	24.0	21.0	06...	1435	22	9.5	--
AUG					JUN				
16...	1035	4.5	28.0	21.5	09...	1400	10	24.0	20.5
SEP					JUL				
21...	1120	4.9	20.5	19.0	14...	1415	5.0	28.0	25.5
OCT					AUG				
11...	1130	1.8	20.0	18.0	18...	1400	6.6	21.0	23.0
DEC					SEP				
06...	0910	21	-9.0	-1.0	22...	1400	4.3	22.5	20.5
JAN 1955					MAR 1959				
10...	0915	35	1.0	3.0	17...	1200	95	2.5	2.5
FEB					APR				
09...	0900	94	0.0	0.0	14...	1130	43	7.0	4.5
MAR					MAY				
08...	1010	117	-1.0	1.0	25...	1030	21	24.0	9.0
APR					AUG				
11...	1000	26	18.5	13.5	17...	1130	1.2	29.5	26.0
JUN					OCT				
06...	0900	12	24.0	16.5	05...	1310	3.2	30.0	22.5
JUL					NOV				
11...	1000	17	25.5	23.0	16...	1350	9.8	11.0	5.5
AUG					DEC				
08...	1110	4.7	25.5	21.0	28...	1200	33	14.5	7.5
SEP					FEB 1960				
12...	0930	11	16.0	14.0	10...	1230	60	18.0	6.0
OCT					MAR				
17...	1135	5.3	13.0	11.5	28...	1320	469	10.0	3.0
DEC					31...	1505	588	13.0	9.0
19...	1215	5.0	-3.0	0.0	MAY				
FEB 1956					02...	1410	21	26.5	8.5
13...	1300	112	6.5	4.0					

POTOMAC RIVER BASIN

01599500 NEW CREEK NEAR KEYSER, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1960					FEB 1962				
08...	1420	26	24.5	14.5	19...	1615	44	--	3.5
SEP					APR				
13...	1245	10	22.5	18.0	02...	1645	71	--	8.5
OCT					30...	1555	41	--	18.5
17...	1235	3.3	26.0	16.5	JUN				
DEC					05...	1700	63	--	19.0
05...	1220	3.5	21.0	2.5	JUL				
JAN 1961					16...	1615	100	--	18.0
17...	1235	21	8.5	3.0	AUG				
FEB					20...	1520	2.9	--	25.5
19...	0800	514	--	5.0	OCT				
19...	1230	884	--	6.0	01...	1525	3.3	--	16.0
20...	0950	424	--	4.0	NOV				
21...	1030	250	--	4.5	19...	1505	38	--	6.5
APR					JAN 1963				
14...	1125	293	20.5	10.0	02...	1400	8.2	1.0	1.0
MAY					FEB				
31...	1210	24	25.5	16.0	06...	1500	16	18.5	1.5
JUL					MAY				
11...	1210	4.6	20.5	21.0	02...	1140	34	14.0	8.5
AUG					JUN				
22...	1205	3.3	22.0	20.5	17...	1245	26	28.0	20.0
OCT					JUL				
03...	1410	3.0	16.0	15.0	15...	1310	7.4	25.5	23.0
NOV					OCT 1969				
29...	1400	2.8	1.0	1.0	09...	1030	5.6	17.0	11.0

# POTOMAC RIVER BASIN

01604500 PATTERSON CREEK NEAR HEADSVILLE, WV

LOCATION.--Lat 39°26'35", long 78°49'20", Mineral County, Hydrologic Unit 02070002, on right bank 100 ft downstream from Hazel Run, 1.0 mi downstream from Cabin Run, 4.0 mi northeast of Headsville, 8.0 mi east of Keyser, and at mile 12.5.

DRAINAGE AREA.--219 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--August 1938 to current year.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					JAN 1948				
19...	1010	23	26.0	23.5	12...	1430	64	1.5	0.0
AUG					FEB				
10...	1700	14	29.5	25.0	09...	1710	23	-7.0	0.0
SEP					15...	1100	823	2.5	0.0
21...	1550	266	25.5	20.5	MAR				
OCT					08...	1640	719	8.0	6.0
10...	0800	41	1.5	11.0	17...	1425	135	9.0	9.5
NOV					24...	1400	2330	15.5	11.5
14...	1230	73	14.0	9.0	25...	0930	861	17.5	11.5
DEC					APR				
08...	1100	562	8.5	4.0	13...	1610	2220	7.0	9.5
09...	0945	565	-3.5	2.0	MAY				
FEB 1946					10...	1540	303	28.0	19.0
15...	1535	743	-5.5	0.5	JUN				
27...	1130	515	16.5	5.0	22...	1225	29	26.5	24.5
MAR					JUL				
15...	1240	477	--	6.5	20...	0830	18	22.0	21.0
27...	1625	238	22.0	14.0	AUG				
APR					10...	1405	21	26.5	24.5
12...	1205	109	18.0	11.5	SEP				
26...	1000	61	12.5	13.0	07...	1235	21	26.5	24.5
MAY					OCT				
17...	1140	469	21.5	18.0	04...	1525	17	15.5	16.0
29...	1200	1080	24.5	15.5	NOV				
JUN					01...	1350	27	16.5	11.5
28...	1500	59	29.5	27.0	DEC				
JUL					06...	1705	426	4.5	8.0
15...	1630	24	20.0	23.0	07...	0750	316	-3.5	5.0
AUG					16...	1710	4870	4.0	6.5
21...	0935	12	21.5	21.5	17...	0940	1790	3.5	6.0
SEP					JAN 1949				
20...	0830	6.6	15.5	18.5	03...	1605	177	6.0	1.5
OCT					25...	1430	478	8.5	8.5
11...	1220	9.4	21.0	15.5	FEB				
25...	0900	10	10.0	11.5	07...	1615	617	6.5	5.5
NOV					MAR				
15...	1130	12	14.5	6.5	14...	1455	144	7.0	5.0
DEC					APR				
13...	0805	14	4.5	6.5	11...	1255	190	13.5	9.5
FEB 1947					JUN				
21...	1405	21	-6.5	0.5	06...	1300	23	28.5	24.5
MAR					AUG				
21...	1140	101	5.5	4.0	15...	1630	40	23.5	20.5
APR					SEP				
19...	1050	40	22.0	13.5	12...	1345	23	23.5	21.0
MAY					OCT				
26...	0730	52	15.5	19.0	17...	1600	20	17.0	16.5
JUL					NOV				
22...	0745	20	18.0	22.0	11...	0830	23	8.5	9.0
AUG					DEC				
22...	0905	21	25.5	25.5	05...	1100	62	5.0	1.5
SEP					JAN 1950				
10...	1100	11	26.5	25.0	09...	1505	94	10.5	2.0
OCT					FEB				
20...	1605	7.6	22.0	17.0	14...	1520	448	3.5	5.0
NOV					23...	1400	165	1.0	3.5
18...	0800	79	4.5	5.5	APR				
DEC					10...	1250	73	7.5	8.5
08...	1600	29	4.5	5.0					

## POTOMAC RIVER BASIN

01604500 PATTERSON CREEK NEAR HEADSVILLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAY 1950					JAN 1954				
19...	1245	290	18.5	15.5	20...	1345	45	6.5	0.5
JUN 06...	0955	86	23.5	18.0	FEB 16...	1250	21	22.0	8.0
JUL 17...	1355	23	27.0	25.5	MAR 17...	1400	238	8.5	5.5
AUG 14...	1900	7.8	--	24.5	APR 28...	1330	74	16.5	20.0
15...	1305	8.1	--	21.5	MAY 24...	1305	64	25.5	6.5
SEP 18...	1240	51	23.0	18.5	JUN 21...	1205	144	24.5	20.0
NOV 13...	1350	69	9.5	4.5	JUL 19...	1040	14	25.0	25.5
DEC 18...	1355	176	0.0	0.0	AUG 16...	1220	18	31.5	26.0
JAN 1951 15...	1600	1370	4.0	3.5	SEP 21...	1350	18	21.0	21.5
FEB 12...	1405	280	18.0	1.5	OCT 11...	1325	9.0	23.5	18.0
MAR 19...	1420	443	4.5	4.0	DEC 06...	1135	84	-3.5	1.0
APR 23...	1420	168	13.5	14.0	JAN 1955 10...	1050	114	3.5	2.0
MAY 21...	1415	83	23.5	21.0	FEB 09...	1115	424	8.0	2.0
JUN 18...	1520	259	28.5	20.5	APR 11...	1130	68	24.5	13.0
JUL 23...	1325	19	29.5	27.0	MAY 10...	1040	59	23.5	16.5
AUG 20...	1330	9.7	25.0	26.0	JUN 06...	1045	28	28.0	19.5
SEP 25...	0840	6.7	20.5	18.0	JUL 12...	1515	48	30.5	29.0
DEC 05...	1250	64	15.5	7.0	SEP 12...	1100	31	26.5	22.0
JAN 1952 14...	1320	167	18.0	5.0	OCT 17...	1130	16	15.5	12.5
FEB 25...	1300	91	6.0	5.0	DEC 19...	1440	13	-1.0	0.5
APR 08...	1305	301	10.0	7.0	FEB 1956 13...	1530	333	5.0	4.5
JUL 01...	1300	24	28.0	29.0	MAR 12...	1505	124	2.5	5.5
AUG 04...	1315	7.4	25.0	26.0	APR 16...	1330	177	9.0	8.0
SEP 23...	1410	9.2	20.0	19.0	MAY 14...	1215	118	33.5	16.5
NOV 04...	1250	8.5	15.5	9.0	JUN 12...	1020	35	29.5	21.0
JAN 1953 26...	1245	613	10.0	1.5	JUL 09...	1200	60	31.0	24.5
MAR 09...	1155	267	4.5	2.5	SEP 26...	1515	15	15.5	16.5
APR 27...	1350	119	9.0	13.0	NOV 12...	1620	30	17.0	9.0
MAY 22...	1305	111	26.5	15.5	DEC 10...	1450	26	8.5	5.5
JUL 20...	1320	20	35.0	25.5	JAN 1957 14...	1605	216	-2.0	1.0
AUG 17...	1110	6.8	29.0	24.0	FEB 13...	1500	536	10.0	1.5
SEP 14...	1105	6.7	15.5	16.0	MAR 08...	1020	253	1.0	1.0
OCT 14...	1340	6.2	17.0	13.0	APR 01...	1500	95	10.0	8.5
NOV 23...	1050	83	11.0	10.5					
DEC 21...	1320	24	12.0	1.5					

POTOMAC RIVER BASIN

01604500 PATTERSON CREEK NEAR HEADSVILLE, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAY 1957					JUL 1961				
13...	1400	45	31.0	19.5	11...	1320	13	23.5	24.5
JUL					AUG				
08...	1345	17	26.5	21.0	22...	1320	7.4	23.0	24.5
AUG					OCT				
05...	1420	12	24.0	22.0	03...	1110	8.2	16.0	23.5
SEP					NOV				
09...	1345	4.4	21.0	20.5	29...	1530	13	3.5	1.5
OCT					FEB 1962				
14...	1515	17	25.5	15.0	19...	1800	176	--	3.0
NOV					JUL				
14...	1545	17	11.5	11.5	17...	0910	124	--	20.0
JUN 1958					AUG				
09...	1605	26	26.0	24.0	20...	1700	8.4	--	26.5
JUL					OCT				
14...	1610	18	30.5	24.5	01...	1725	12	--	16.5
AUG					NOV				
18...	1600	25	24.5	25.5	19...	1640	276	--	7.5
NOV					JAN 1963				
04...	1240	14	18.0	6.5	02...	1605	25	1.5	1.0
DEC					FEB				
15...	1445	7.7	-6.5	0.0	06...	1610	43	18.5	1.5
JAN 1959					MAY				
20...	1450	12	6.0	3.5	06...	1140	70	23.5	18.5
MAR					JUN				
02...	1330	30	7.5	3.5	13...	1030	126	20.5	18.5
APR					OCT				
14...	1320	287	10.0	4.5	21...	1555	7.1	21.5	11.5
JUL					NOV				
06...	1400	8.4	26.5	14.5	26...	1350	9.6	12.0	3.5
AUG					MAY 1964				
17...	1245	3.2	29.5	26.5	19...	1445	58	26.5	20.0
OCT					JUN				
05...	1435	21	30.0	22.0	22...	1535	16	28.5	--
DEC					SEP				
28...	1330	105	13.5	8.0	16...	0830	2.8	18.0	15.0
FEB 1960					OCT				
10...	1455	176	16.0	6.5	27...	1755	19	15.0	5.5
MAR					DEC				
28...	1645	1260	10.0	3.5	09...	0925	89	0.5	2.0
29...	0905	2200	10.0	2.0	JAN 1965				
MAY					26...	0800	677	-3.5	0.0
02...	1530	54	26.5	10.0	MAR				
JUN					05...	0800	3680	0.0	1.5
07...	1700	80	31.0	19.5	APR				
JUL					14...	1600	248	11.0	18.5
19...	0925	164	24.0	15.5	JUN				
AUG					01...	1515	24	25.5	20.5
16...	1200	18	24.5	24.5	JUL				
SEP					06...	1700	6.7	28.0	23.5
13...	1400	94	23.0	18.0	AUG				
OCT					16...	1630	4.0	29.0	29.0
17...	1410	9.7	23.5	18.5	SEP				
DEC					22...	1425	4.0	34.5	25.5
05...	1345	11	21.5	3.5	NOV				
JAN 1961					15...	1655	9.0	5.0	7.0
17...	1400	96	9.0	1.0	23...	1430	11	8.0	6.0
FEB					DEC				
19...	1715	4130	--	4.5	13...	1610	14	8.5	8.0
20...	1320	1740	--	5.0	FEB 1966				
21...	1325	895	--	4.5	02...	1545	9.1	-5.5	0.0
MAR					MAR				
06...	1505	486	23.5	12.0	14...	1610	80	6.5	9.0
APR					MAY				
14...	1030	1840	18.5	11.0	04...	0755	504	6.5	10.0
MAY					JUL				
31...	1345	57	25.5	18.0	12...	0910	3.5	--	25.0

# POTOMAC RIVER BASIN

01604500 PATTERSON CREEK NEAR HEADSVILLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
AUG 1966					MAR 1968				
15...	1500	11	--	26.5	11...	1630	124	9.0	8.0
OCT					APR				
31...	1510	19	--	9.0	22...	1710	50	20.0	20.0
JAN 1967					JUN				
03...	1640	149	--	1.0	03...	1800	380	23.0	16.0
FEB					JUL				
13...	1555	223	--	1.0	16...	0800	11	31.0	23.0
MAR					AUG				
27...	1640	358	--	10.5	26...	1700	2.4	20.5	24.5
AUG					OCT				
28...	1615	101	--	21.5	07...	1630	8.1	--	13.0
OCT					NOV				
10...	1610	13	14.5	15.5	18...	1710	75	10.0	10.5
NOV					JAN 1969				
13...	1610	16	8.5	9.5	07...	1640	17	-4.0	0.5
DEC					FEB				
18...	1610	195	6.5	7.0	19...	1020	43	3.0	1.5
JAN 1968					APR				
30...	1000	664	3.5	0.0	01...	1650	96	13.0	8.0



# POTOMAC RIVER BASIN

01605500 SOUTH BRANCH POTOMAC RIVER AT FRANKLIN, WV

LOCATION.--Lat 38°38'14", long 79°20'14", Pendleton County, Hydrologic Unit 02070001, on left bank 0.5 mi southwest of Franklin, 2 mi upstream from Friends Run, 2.5 mi downstream from Thorn Creek, and at mile 109.5.

DRAINAGE AREA.--182 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--April 1940 to September 1969, October 1976 to current year.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CF5)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CF5)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
DEC 1945					DEC 1948				
03...	1650	160	9.5	5.5	10...	1405	277	-1.0	4.0
JAN 1946					16...	0925	836	4.0	8.0
14...	1730	387	-3.0	8.5	JAN 1949				
FEB					07...	1450	828	14.0	5.0
11...	1715	204	-1.0	4.0	FEB				
MAY					11...	1245	296	0.0	3.5
13...	1305	182	19.5	16.0	MAR				
JUN					18...	1010	190	-1.0	3.0
10...	1505	62	24.5	22.5	MAY				
JUL					13...	1700	127	15.5	18.0
22...	1415	69	23.5	22.0	AUG				
AUG					01...	1555	121	28.5	23.0
15...	0740	29	19.0	16.0	SEP				
DEC					15...	1835	80	19.0	20.5
09...	1405	29	19.0	6.5	OCT				
JAN 1947					21...	1500	45	16.5	15.0
06...	1450	136	4.5	3.5	NOV				
FEB					07...	1050	138	11.5	8.0
17...	1345	54	9.0	5.5	DEC				
MAR					09...	0845	70	-4.0	1.0
17...	1550	373	1.0	4.5	FEB 1950				
APR					15...	1155	426	7.5	6.0
15...	1535	150	23.0	5.5	APR				
MAY					14...	0925	104	-6.0	--
29...	1135	97	26.0	19.0	JUN				
JUL					19...	1410	87	22.0	20.5
25...	1410	45	25.0	21.5	AUG				
AUG					16...	1610	43	18.5	16.5
18...	1415	164	28.5	23.0	OCT				
SEP					24...	1140	67	13.5	14.0
18...	0925	38	13.0	16.5	DEC				
OCT					21...	0930	92	1.0	0.5
21...	1800	32	16.5	16.0	FEB 1951				
NOV					15...	1720	287	-1.0	4.5
18...	1525	103	1.0	4.5	MAR				
DEC					22...	1545	483	4.0	6.0
17...	1225	76	0.5	3.0	APR				
JAN 1948					26...	1415	211	23.5	15.5
14...	1150	82	-7.0	0.5	MAY				
FEB					24...	1425	148	18.5	15.0
19...	1440	531	14.0	8.5	JUN				
MAR					21...	1715	186	26.5	22.0
17...	0730	205	10.5	8.5	26...	1505	98	30.5	24.0
APR					AUG				
22...	1105	253	9.5	10.5	23...	1435	50	23.5	20.5
MAY					SEP				
14...	1125	206	23.0	15.0	11...	1110	40	25.0	19.5
JUN					OCT				
15...	1425	58	29.5	21.0	17...	1305	34	23.0	14.5
JUL					NOV				
21...	1420	44	25.0	21.5	28...	1110	88	0.0	2.0
AUG					JAN 1952				
10...	1800	41	22.0	21.0	04...	0945	356	-1.0	4.0
SEP					FEB				
02...	1355	47	26.0	19.5	12...	1615	195	11.5	5.5
OCT					MAY				
11...	1440	220	18.5	14.0	14...	1520	393	21.0	15.5
NOV									
08...	1505	285	10.0	10.0					

POTOMAC RIVER BASIN

01605500 SOUTH BRANCH POTOMAC RIVER AT FRANKLIN, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1952					DEC 1956				
18...	1030	64	--	21.0	13...	1300	34	13.5	10.0
JUL					JAN 1957				
29...	1455	37	31.5	26.0	17...	1420	50	-2.0	0.0
SEP					APR				
09...	1340	53	24.0	20.0	04...	1330	29	11.0	--
OCT					MAY				
21...	1400	36	15.5	9.0	15...	1615	108	31.0	21.0
DEC					AUG				
02...	0910	57	-1.0	2.5	08...	1205	32	27.5	20.0
JAN 1953					SEP				
13...	1315	343	19.0	4.5	12...	0915	37	21.5	19.0
FEB					OCT				
25...	1100	375	15.5	5.5	16...	0855	43	15.0	9.5
APR					NOV				
07...	0900	271	14.0	8.5	08...	0920	38	9.0	8.5
AUG					JAN 1958				
04...	1325	58	24.5	24.5	10...	1120	61	-10.0	--
OCT					APR				
06...	0925	27	16.5	15.0	08...	1230	885	10.0	7.5
NOV					JUL				
10...	0950	29	3.5	4.0	18...	0950	42	22.5	19.5
DEC					AUG				
08...	1645	49	1.0	5.5	22...	0950	50	21.5	19.5
JAN 1954					SEP				
13...	1020	26	-14.0	0.0	26...	1250	35	23.5	20.5
FEB					NOV				
11...	1410	56	10.0	5.0	07...	0930	27	7.5	6.5
MAR					24...	1110	28	10.0	4.5
08...	1515	177	11.5	7.5	DEC				
MAY					18...	0920	28	-7.0	1.0
11...	1535	94	9.5	10.5	MAR 1959				
16...	1400	187	23.5	13.0	05...	1100	40	6.5	3.5
JUL					APR				
07...	1650	49	24.5	24.0	17...	1020	456	10.0	4.5
SEP					MAY				
14...	1300	25	--	19.5	28...	1220	238	26.5	13.0
OCT					JUL				
14...	1425	26	28.5	18.5	09...	0910	33	25.5	24.0
NOV					AUG				
15...	1430	38	18.5	10.0	18...	1110	33	29.5	23.5
DEC					OCT				
03...	1410	113	6.5	3.5	08...	0930	34	23.5	21.0
JAN 1955					FEB 1960				
13...	1255	124	0.5	--	17...	1420	208	6.5	2.5
FEB					MAY				
16...	1130	175	8.5	4.0	05...	0915	85	22.5	12.5
MAY					JUN				
17...	1115	155	14.5	14.5	08...	1535	174	21.0	18.5
JUL					JUL				
19...	1130	40	27.0	24.5	28...	0900	52	28.0	26.0
SEP					SEP				
16...	1130	46	26.5	23.5	06...	1115	34	26.0	21.5
OCT					OCT				
13...	0845	34	9.0	12.5	11...	1250	39	24.5	18.5
FEB 1956					NOV				
08...	1115	403	7.5	2.5	29...	1140	33	17.5	12.5
MAR					JAN 1961				
06...	0945	121	15.0	8.5	10...	1100	30	2.5	0.5
JUN					MAR				
05...	1650	178	24.5	18.5	01...	1035	430	4.5	5.5
JUL					APR				
17...	1115	32	29.0	21.5	05...	1025	280	13.5	6.5
SEP					MAY				
18...	1400	480	18.5	16.5	16...	1100	378	22.5	15.0
OCT					JUL				
24...	1405	40	14.5	14.5	05...	1020	79	22.5	17.5

POTOMAC RIVER BASIN

01605500 SOUTH BRANCH POTOMAC RIVER AT FRANKLIN, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
AUG 1961					AUG 1965				
16...	1130	43	26.5	19.5	09...	1230	28	--	22.5
OCT					19...	0815	32	--	20.5
02...	1020	29	25.5	16.5	SEP				
26...	1030	86	9.0	11.0	30...	1600	26	24.0	18.5
DEC					NOV				
04...	1045	74	14.5	6.5	17...	1130	25	5.5	5.5
JAN 1962					DEC				
22...	1205	133	--	4.0	20...	1330	23	-1.0	0.5
APR					FEB 1966				
06...	1210	225	--	9.0	08...	1220	32	3.5	0.0
MAY					MAR				
04...	0940	137	--	11.0	18...	1120	88	13.5	7.5
JUN					MAY				
04...	1410	173	--	16.5	09...	1110	214	14.0	13.5
21...	1350	66	--	20.5	JUL				
JUL					15...	1015	26	--	20.5
20...	1320	38	30.0	23.5	AUG				
AUG					18...	1155	21	--	21.0
28...	1500	28	--	21.5	NDV				
OCT					21...	1200	80	--	4.5
05...	1025	59	--	14.5	JAN 1967				
NOV					09...	1215	406	--	3.0
16...	1225	62	--	7.5	MAY				
DEC					08...	1550	447	13.5	12.5
18...	0920	48	-3.0	1.0	AUG				
JAN 1963					01...	0955	56	--	18.0
30...	1730	74	1.5	2.0	11...	1000	29	--	19.0
MAR					SEP				
13...	1055	1780	14.0	4.5	18...	1105	24	--	17.5
MAY					OCT				
01...	1000	94	2.5	7.5	18...	0730	43	13.5	13.5
JUN					NOV				
12...	1030	51	18.5	18.0	16...	1630	33	0.0	2.5
OCT					DEC				
16...	1115	18	22.5	11.5	22...	1110	144	5.5	5.5
JAN 1964					JAN 1968				
06...	1645	82	5.0	4.0	09...	1400	82	6.5	0.0
FEB					FEB				
18...	1610	86	-1.0	2.5	08...	1500	231	4.5	2.5
APR					MAR				
02...	1250	106	6.5	5.0	15...	1215	372	6.0	1.0
MAY					APR				
14...	1500	102	16.5	14.0	29...	1105	89	5.5	4.5
SEP					JUN				
09...	1405	21	--	22.5	11...	0925	104	23.0	11.0
18...	1405	20	20.5	18.0	JUL				
NOV					19...	1330	40	28.5	23.0
02...	1415	28	19.0	10.5	AUG				
DEC					29...	1850	22	20.5	20.0
16...	1510	109	0.5	1.0	OCT				
FEB 1965					11...	1200	22	--	13.5
01...	1330	171	1.0	0.0	JAN 1969				
APR					10...	1305	39	-4.0	0.5
20...	1445	450	15.5	11.5	MAR				
MAY					27...	1440	294	-1.0	0.5
10...	1230	287	--	--	AUG				
JUN					04...	1520	469	21.0	17.0
23...	1205	36	--	22.5	SEP				
JUL					11...	1020	61	22.0	13.0
09...	0945	31	24.0	19.5					

# POTOMAC RIVER BASIN

01605600 FRIENDS RUN NEAR FRANKLIN, WV

LOCATION.--Lat 38°39'23", long 79°23'31", Pendleton County, Hydrologic Unit 02070001, on right bank 50 ft upstream from culvert on Secondary State Route 5/9, 300 ft from intersection with U.S. Highway 33, 3.4 mi west of Franklin, and at mile 4.5.

DRAINAGE AREA.--45.5 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--May 1969 to September 1977.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
AUG 1969						
05...	1255	0.54	170	7.00	22.0	19.0
SEP						
11...	1340	0.25	155	8.00	19.5	18.5
OCT						
22...	1245	0.08	185	8.00	19.0	14.0
DEC						
04...	1415	0.07	170	7.00	5.0	0.0
FEB 1970						
26...	1620	4.7	55	7.00	2.0	0.0
APR						
09...	1655	6.0	65	7.00	18.0	7.0
MAY						
18...	1545	1.2	80	7.00	18.0	16.0
JUN						
23...	1330	0.34	130	8.00	37.0	22.0
AUG						
11...	1525	0.10	215	8.00	28.0	23.0
SEP						
23...	1430	0.07	220	8.00	33.0	24.5
NOV						
03...	1300	2.0	130	7.40	17.0	12.0
DEC						
12...	1155	0.26	185	7.40	9.0	4.5
JAN 1971						
27...	--	9.0	125	7.60	--	0.5
MAR						
09...	1400	9.8	65	6.80	11.0	4.0
APR						
21...	1440	2.9	75	7.20	19.0	13.5
JUN						
08...	1315	5.1	70	7.00	30.0	20.0
JUL						
14...	1115	0.53	95	7.40	27.0	22.0
AUG						
24...	1430	0.07	170	8.00	29.0	25.5
OCT						
07...	1100	3.0	68	7.00	17.0	13.0
NOV						
17...	1555	0.64	85	7.00	16.0	10.5
DEC						
14...	1535	4.4	60	6.80	11.0	8.0
JAN 1972						
25...	1430	1.6	80	6.50	4.5	5.0
MAR						
08...	1505	7.7	55	6.80	4.0	5.5
APR						
20...	1345	7.5	60	7.00	16.5	12.5
MAY						
04...	1020	33	65	6.80	20.0	11.0
24...	1600	8.5	50	7.00	--	16.5
JUN						
22...	1510	24	48	6.80	11.5	11.5
SEP						
11...	1440	0.30	125	7.00	19.5	19.0

## POTOMAC RIVER BASIN

01605600 FRIENDS RUN NEAR FRANKLIN, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
OCT 1972							
16...	1200	3.1	--	--	17.0	13.0	--
NOV							
13...	1115	3.5	--	--	15.0	3.0	--
DEC							
18...	1130	9.1	--	--	5.0	3.0	--
JAN 1973							
18...	1445	2.4	70	6.80	14.0	3.0	--
FEB							
12...	1200	8.7	60	6.10	-3.0	0.0	--
MAR							
12...	1148	6.5	--	--	15.0	12.0	--
APR							
09...	1150	23	55	6.70	4.5	5.5	--
MAY							
07...	1120	5.4	60	6.70	20.0	12.0	--
JUN							
04...	1120	5.0	50	6.50	29.0	23.5	--
JUL							
11...	1140	1.0	140	7.40	30.0	20.0	--
AUG							
16...	1200	0.69	190	8.00	32.0	21.0	--
SEP							
12...	1635	0.11	220	8.00	22.0	21.5	--
OCT							
04...	1420	0.39	200	7.70	28.0	21.0	--
NOV							
05...	1345	2.9	70	6.80	3.0	6.0	--
DEC							
05...	1205	0.73	110	7.00	16.5	10.5	--
JAN 1974							
17...	1430	5.8	--	7.10	6.5	4.5	--
MAR							
01...	1240	4.0	--	6.80	6.5	5.5	--
25...	1630	4.7	55	6.30	5.0	5.5	--
APR							
23...	1410	2.2	--	--	24.0	10.0	--
JUN							
24...	1640	2.8	70	7.10	15.0	15.0	--
JUL							
29...	1545	0.11	170	8.00	25.0	26.0	--
AUG							
26...	1300	0.37	200	8.00	30.0	22.0	--
OCT							
01...	1100	0.09	210	7.50	14.0	12.0	9.6
30...	1240	0.14	225	7.60	22.0	13.0	--
NOV							
25...	1225	0.06	200	7.00	6.5	5.0	--
DEC							
23...	1230	1.5	140	6.50	16.0	4.0	8.7
JAN 1975							
27...	1230	15	--	--	10.0	4.0	--
FEB							
24...	1430	6.6	145	7.70	15.5	10.0	--
APR							
24...	1110	1.8	--	--	20.0	12.0	--
MAY							
28...	1350	1.7	90	7.00	25.0	18.5	--
JUL							
01...	1305	0.37	--	8.00	28.5	23.0	7.8
28...	1030	1.0	--	--	26.0	18.0	--
SEP							
29...	1300	2.3	--	--	25.5	14.0	--

# POTOMAC RIVER BASIN

01606500 SOUTH BRANCH POTOMAC RIVER NEAR PETERSBURG, WV

LOCATION.--Lat 38°59'28", long 79°10'34", Grant County, Hydrologic Unit 02070001, on right bank 1.2 mi downstream from North Fork South Branch Potomac River, 2.5 mi west of Petersburg, and at mile 72.6.

DRAINAGE AREA.--642 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--June 1928 to current year.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					JUN 1948				
02...	1640	142	23.0	26.0	16...	0925	266	15.0	18.0
AUG					JUL				
06...	1830	306	25.5	23.0	22...	0835	268	24.0	21.5
OCT					SEP				
11...	1430	209	15.5	15.0	03...	0835	144	15.0	19.5
NOV					OCT				
15...	1015	512	5.5	8.5	08...	1620	1740	19.0	14.5
FEB 1946					NOV				
12...	1240	591	4.5	1.0	04...	1600	452	12.0	11.0
MAY					DEC				
14...	1015	651	15.0	14.0	09...	0725	1300	-3.5	5.0
JUN					17...	0950	4570	6.5	8.0
11...	1150	262	28.5	21.0	FEB 1949				
JUL					10...	1615	1260	3.5	5.0
23...	1530	186	28.0	26.0	MAR				
29...	1540	114	30.5	25.0	17...	1525	686	5.0	4.0
AUG					MAY				
15...	1140	76	26.0	21.0	13...	0750	392	12.0	14.0
SEP					SEP				
17...	1500	58	28.0	19.0	15...	0830	222	15.0	18.0
OCT					OCT				
09...	1640	61	21.5	15.0	20...	1630	98	24.5	15.0
NOV					NOV				
12...	1120	84	9.0	10.5	08...	0730	496	11.0	8.5
DEC					DEC				
10...	0915	78	6.5	6.0	08...	1420	399	1.5	4.0
JAN 1947					JAN 1950				
07...	1030	564	10.0	2.0	12...	1730	596	2.5	4.0
FEB					FEB				
18...	0955	222	-3.5	1.5	16...	1140	1370	3.5	5.5
MAR					MAR				
18...	0950	1190	-2.0	3.0	21...	1635	1070	10.5	6.0
APR					APR				
16...	1230	620	19.0	14.5	13...	0920	459	-0.5	8.0
MAY					JUN				
28...	0800	382	20.0	19.0	20...	0925	349	23.5	20.5
JUL					AUG				
24...	1410	151	27.0	21.0	15...	1705	90	28.0	22.0
AUG					SEP				
19...	0930	343	28.5	24.5	21...	0920	398	--	18.5
SEP					NOV				
13...	1045	154	29.5	23.5	16...	1300	376	19.5	8.0
OCT					JAN 1951				
20...	1600	81	26.5	16.0	18...	1615	1500	15.5	4.0
NOV					FEB				
17...	1510	358	3.5	6.0	14...	1540	1170	9.5	6.5
DEC					MAR				
11...	1000	337	0.5	1.5	21...	1625	2300	11.5	7.0
JAN 1948					APR				
16...	1340	265	9.5	0.5	25...	1600	780	28.0	15.5
FEB					MAY				
19...	0930	2320	6.5	6.0	23...	1635	542	15.5	18.5
MAR					JUN				
16...	1525	765	21.0	11.0	20...	1630	719	30.0	20.0
APR					JUL				
16...	1300	3440	21.0	12.0	25...	1600	190	29.5	25.5
MAY					AUG				
13...	1200	913	23.5	18.5	22...	1540	136	26.5	24.0

POTOMAC RIVER BASIN

01606500 SOUTH BRANCH POTOMAC RIVER NEAR PETERSBURG, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1951					MAR 1959				
27...	1530	93	24.0	20.0	04...	1355	223	10.0	4.5
OCT					MAY				
18...	0950	83	19.0	14.5	27...	1515	344	--	14.5
FEB 1952					JUL				
13...	0845	756	-3.0	5.0	08...	1435	86	31.0	25.5
JUL					MAY 1960				
30...	0810	100	23.5	24.5	04...	0900	359	15.5	12.0
SEP					JUN				
10...	0810	112	11.0	18.0	09...	1255	630	22.0	19.0
OCT					JUL				
22...	1145	81	19.5	8.5	27...	0830	121	26.0	24.5
DEC					SEP				
02...	1500	165	8.0	3.0	07...	0830	79	23.5	22.0
JAN 1953					OCT				
14...	1235	1270	20.0	5.5	20...	0820	90	12.0	14.5
FEB					NOV				
26...	1000	1220	9.5	3.5	30...	0900	98	-0.5	6.5
APR					JAN 1961				
08...	1155	1720	25.5	9.0	11...	0840	183	2.5	0.5
MAY					FEB				
20...	0915	2570	25.5	15.0	19...	1000	9470	--	8.0
AUG					20...	0740	7260	--	5.0
04...	1100	92	31.5	23.5	21...	0850	3560	--	5.5
SEP					MAR				
03...	0930	64	28.5	25.5	02...	0815	1760	8.5	5.5
OCT					APR				
07...	1000	62	9.5	14.5	06...	0830	1110	8.5	10.0
NOV					MAY				
10...	1600	68	11.5	6.0	17...	0940	1190	19.5	15.0
DEC					JUL				
09...	1215	154	11.0	5.0	06...	0800	262	21.5	19.5
JAN 1954					AUG				
13...	1415	116	-4.0	0.0	17...	0800	159	20.5	21.5
MAY					DEC				
12...	0855	388	12.0	10.5	05...	0810	238	11.0	7.0
JUL					MAY 1962				
08...	1430	268	28.5	22.0	03...	1545	602	--	16.5
OCT					AUG				
13...	1340	80	29.5	18.0	23...	1740	65	--	24.0
JAN 1955					DEC				
12...	0940	614	-4.0	1.0	17...	1205	277	9.5	2.5
MAR					JAN 1963				
10...	1600	1790	25.5	9.5	30...	1150	265	1.5	2.0
MAY					OCT				
17...	1650	936	28.0	14.5	15...	1500	60	28.0	14.5
SEP					SEP 1964				
15...	1230	147	24.5	20.5	18...	1125	55	23.5	20.5
OCT					OCT				
13...	1410	95	26.5	15.5	30...	1010	121	13.5	16.0
OCT 1956					DEC				
26...	0950	178	8.0	12.0	11...	1645	424	14.5	2.0
DEC					JAN 1965				
12...	1645	207	12.0	7.0	29...	0730	1620	-6.0	0.0
MAY 1957					MAR				
15...	1130	364	31.0	20.0	09...	1600	1250	6.0	1.5
SEP					APR				
11...	1620	91	24.5	21.5	21...	1135	1740	16.5	10.5
JUL 1958					JUN				
17...	0920	122	21.0	24.0	03...	1320	195	17.0	16.0
AUG					AUG				
21...	1010	193	20.5	21.0	18...	1445	56	--	28.0
SEP					OCT				
25...	1550	113	32.0	21.5	01...	0800	75	21.0	18.0
NOV					NOV				
06...	1455	127	21.0	11.0	16...	1515	82	16.0	10.0
DEC									
17...	1430	86	12.0	3.5					

# POTOMAC RIVER BASIN

01606500 SOUTH BRANCH POTOMAC RIVER NEAR PETERSBURG, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
DEC 1965						
16...	1445	143	--	--	6.5	7.0
FEB 1966						
09...	1230	130	--	--	3.5	0.0
MAR						
30...	1155	273	--	--	7.0	6.0
APR						
25...	1100	2470	--	--	18.0	11.0
AUG						
18...	0800	91	--	--	--	22.0
OCT						
28...	1100	265	--	--	--	9.0
JAN 1967						
02...	1220	634	--	--	--	3.0
AUG						
31...	1525	211	--	--	--	20.0
OCT						
02...	1135	155	--	--	22.0	14.5
NOV						
16...	1140	143	--	--	-1.0	1.0
DEC						
21...	1430	585	--	--	4.5	1.5
FEB 1968						
08...	0800	950	--	--	-5.5	--
MAR						
25...	1210	2680	--	--	7.5	3.5
APR						
26...	1455	358	--	--	19.0	13.5
JUN						
10...	1530	510	--	--	29.0	21.5
AUG						
30...	1430	50	--	--	19.5	20.0
OCT						
01...	1240	47	--	--	26.5	16.5
NOV						
21...	1300	413	--	--	6.5	4.5
JAN 1969						
03...	1250	376	--	--	3.0	0.5
FEB						
24...	1515	281	--	--	4.5	3.0
MAY						
07...	1745	277	--	7.00	29.0	21.0
JUN						
19...	1515	244	180	8.00	26.5	22.0
JUL						
31...	1245	173	215	8.00	28.0	24.0
SEP						
08...	1400	239	220	8.00	--	23.0
OCT						
21...	1130	104	255	8.00	17.5	14.5
DEC						
01...	--	190	180	8.00	--	4.0
JAN 1970						
14...	1330	358	185	7.00	5.0	0.0
FEB						
25...	1515	825	150	8.00	4.0	5.0
APR						
08...	1450	1360	160	8.00	21.0	9.0
MAY						
14...	1520	331	200	8.00	--	20.0
JUL						
07...	1155	82	240	8.00	27.0	21.5
AUG						
10...	1410	116	235	8.00	27.0	21.5



POTOMAC RIVER BASIN

01606500 SOUTH BRANCH POTOMAC RIVER NEAR PETERSBURG, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
SEP 1970							
21...	1115	108	220	8.00	31.0	26.0	--
DEC							
15...	1300	471	160	6.80	12.0	4.0	--
JUN 1971							
07...	1255	851	180	8.00	32.0	20.0	--
JUL							
12...	1830	168	220	8.60	26.0	25.0	--
AUG							
23...	1550	139	230	8.00	28.0	23.5	--
OCT							
06...	1245	689	200	7.50	21.0	18.0	--
NOV							
15...	1720	245	190	8.00	11.0	13.0	--
DEC							
13...	1510	908	175	8.00	11.0	9.0	--
MAR 1972							
07...	1610	1370	130	7.80	22.0	7.5	--
APR							
19...	1350	1970	160	8.00	30.5	14.0	--
JUN							
01...	1240	583	185	8.00	19.0	16.5	--
27...	1645	1210	180	7.80	21.0	16.0	--
JUL							
31...	1330	1370	185	7.80	23.0	15.5	--
SEP							
11...	1045	149	190	7.90	22.0	19.0	--
OCT							
18...	1100	378	--	--	10.5	17.0	--
NOV							
16...	1145	2140	160	7.00	13.0	5.0	--
DEC							
22...	1400	7020	--	--	12.0	10.0	--
JAN 1973							
17...	1035	479	200	7.00	10.0	3.0	--
FEB							
15...	1255	1150	200	7.50	7.0	1.0	--
MAR							
14...	1010	926	165	8.00	17.0	12.0	--
APR							
11...	1320	305	175	7.00	4.0	5.5	--
MAY							
04...	1305	1400	180	7.70	11.5	10.5	--
JUN							
08...	1105	710	160	8.00	27.0	20.0	--
JUL							
09...	1145	160	210	8.00	34.5	28.0	--
AUG							
15...	1200	301	235	7.70	27.0	21.0	--
SEP							
12...	1400	99	260	8.00	26.0	22.0	--
NOV							
07...	1215	690	200	7.60	4.0	4.0	--
DEC							
13...	1240	422	--	7.80	-1.0	1.5	--
FEB 1974							
28...	1615	785	--	7.80	8.0	4.5	--
MAR							
26...	1320	886	160	7.40	5.0	4.5	--
JUN							
25...	1245	134	155	7.90	21.0	15.0	--
JUL							
25...	1540	194	200	8.30	30.0	22.0	--
AUG							
27...	1000	180	240	8.00	22.0	21.0	8.6

# POTOMAC RIVER BASIN

01606500 SOUTH BRANCH POTOMAC RIVER NEAR PETERSBURG, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
OCT 1974							
01...	1545	110	275	8.00	20.0	15.0	--
30...	1500	144	240	8.00	22.0	13.0	--
NOV							
22...	0850	355	200	7.00	3.5	4.5	--
DEC							
20...	1040	875	200	7.20	2.0	3.0	8.5
JAN 1975							
28...	1015	1960	170	7.00	6.0	4.5	10.1
FEB							
25...	1040	1300	210	8.00	7.0	7.5	--
MAR							
24...	1730	2280	175	7.00	14.0	9.0	--
APR							
23...	1700	427	215	8.00	22.0	--	--
MAY							
23...	0935	882	--	7.70	23.0	17.5	--
JUL							
25...	0925	216	250	7.50	22.5	22.0	6.8
AUG							
26...	0910	140	185	7.50	24.0	22.0	6.2
SEP							
30...	0915	658	--	7.50	15.0	13.0	9.4

# POTOMAC RIVER BASIN

01607000 BIG SPRING AT MASONVILLE, WV

LOCATION.--Lat 38°55'15", long 79°05'10", Grant County, on right bank of Spring Run, at State fish hatchery, Masonville, 6 miles southeast of Pertersburg.

PERIOD OF STREAMFLOW RECORD.--August 1945 to December 1958, February 1968 to September 1969.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1945					NOV 1948				
18...	1825	94	16.5	11.5	04...	1125	10	10.5	11.5
DEC					DEC				
04...	1530	18	1.5	11.0	09...	1530	22	2.5	11.0
FEB 1946					JAN 1949				
12...	0850	9.9	-6.5	11.5	07...	0750	36	4.5	11.0
MAY					FEB				
14...	1115	15	12.5	11.0	10...	1655	20	1.0	11.0
JUN					MAR				
11...	0810	12	26.0	11.5	17...	1655	13	5.5	11.0
JUL					APR				
23...	0930	8.0	30.0	12.0	14...	1145	26	14.5	11.5
AUG					MAY				
15...	1025	7.4	24.0	12.0	12...	1615	11	19.5	11.5
SEP					AUG				
18...	0725	6.9	11.5	11.5	04...	1610	13	27.5	12.0
OCT					OCT				
09...	0730	7.1	11.5	11.5	20...	1325	9.3	13.5	12.0
NOV					NOV				
12...	1515	6.5	9.0	11.5	07...	1655	8.4	10.0	11.5
DEC					DEC				
10...	1315	6.7	18.5	11.5	08...	1130	9.1	1.5	11.5
JAN 1947					JAN 1950				
07...	1125	8.8	6.5	11.5	13...	0815	9.2	2.0	11.5
FEB					FEB				
17...	1630	7.2	1.5	11.5	15...	1635	29	4.0	11.0
MAR					MAR				
18...	1550	13	2.5	11.0	21...	1115	14	6.5	11.0
APR					APR				
16...	1645	7.9	18.5	11.5	13...	1040	13	-1.5	11.0
MAY					MAY				
28...	1140	8.9	24.5	12.0	19...	1035	26	13.5	12.0
JUL					JUN				
24...	1555	6.8	21.0	12.0	19...	1555	13	21.0	11.5
AUG					19...	1645	12	21.5	11.5
19...	1115	7.5	29.5	12.0	JUL				
SEP					19...	1500	8.8	22.5	11.0
17...	1605	5.3	22.5	12.0	SEP				
OCT					13...	1650	56	--	12.5
20...	1700	5.5	17.5	12.0	FEB 1952				
21...	1025	6.6	25.5	12.0	13...	0955	11	4.5	10.5
NOV					MAR				
18...	0830	7.0	1.0	11.5	26...	1315	25	--	11.5
DEC					JUN				
11...	1145	6.8	2.0	11.5	18...	1240	11	--	15.5
JAN 1948					JUL				
16...	1450	6.9	-5.5	12.0	30...	0940	8.1	29.0	14.0
FEB					SEP				
18...	1700	19	10.5	11.5	09...	1525	7.8	21.5	14.0
MAR					OCT				
12...	1120	17	0.0	10.5	22...	1250	8.7	17.5	9.0
APR					DEC				
21...	1520	20	--	11.0	03...	1135	8.6	11.0	4.5
MAY					AUG 1953				
13...	1430	17	22.5	11.0	05...	0725	8.2	24.5	13.5
JUN					OCT				
16...	1050	9.3	17.0	11.5	06...	1410	7.3	15.5	12.5
JUL					NOV				
22...	1030	16	27.5	12.0	11...	1220	7.1	16.5	12.0
23...	1045	15	--	12.0	DEC				
SEP					09...	0850	7.1	9.5	11.5
02...	1520	7.5	21.5	12.0	JAN 1954				
OCT					13...	1555	6.1	-5.0	11.0
08...	1215	24	20.0	12.0					

POTOMAC RIVER BASIN  
01607000 BIG SPRING AT MASONVILLE, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
FEB 1954					MAY 1957				
12...	0830	7.3	-6.0	10.5	15...	1235	14	31.5	13.5
MAR					JUL				
09...	0915	10	15.5	11.0	02...	0830	9.7	24.0	12.0
APR					AUG				
07...	0900	9.9	21.5	12.0	08...	0920	7.2	24.5	12.0
MAY					SEP				
12...	1045	8.4	13.5	13.5	12...	1315	7.5	31.0	11.5
JUN					OCT				
09...	1205	8.3	25.5	14.0	15...	1415	6.4	21.0	11.5
JUL					JAN 1958				
08...	1005	9.0	20.5	13.5	09...	0945	8.3	-13.5	--
SEP					FEB				
15...	1135	6.2	24.0	14.0	06...	1645	9.0	6.5	12.0
DCT					APR				
14...	0745	6.3	15.5	13.5	15...	1515	20	19.5	12.0
JAN 1955					JUL				
12...	1450	13	9.0	4.5	17...	1105	8.8	21.0	12.5
JUL					AUG				
19...	1645	8.2	28.5	16.5	21...	1605	10	24.0	13.5
SEP					SEP				
15...	0830	9.3	20.5	14.0	25...	0910	9.1	22.5	12.5
OCT					MAR 1968				
13...	1535	7.9	17.0	12.5	25...	1615	32	5.5	2.0
DEC					APR				
07...	0930	7.4	--	11.0	29...	1620	8.7	9.5	11.0
FEB 1956					JUN				
09...	1220	21	17.5	12.0	10...	1645	11	33.0	14.0
MAR					20...	1730	8.4	20.0	12.0
07...	0950	10	16.0	12.5	AUG				
APR					02...	1105	6.9	26.0	13.0
12...	0910	25	6.0	11.0	SEP				
JUN					16...	1630	5.8	26.0	13.0
07...	0755	13	16.5	12.5	NOV				
JUL					05...	1410	5.6	18.0	12.0
18...	0805	7.7	24.0	11.5	DEC				
SEP					19...	1215	4.5	5.0	11.0
19...	1445	8.6	18.5	12.5	JAN 1969				
DCT					23...	1200	5.9	8.0	10.0
25...	1555	7.7	9.0	12.0	MAR				
NOV					06...	1200	5.9	9.0	9.0
14...	0835	6.1	16.0	11.5	APR				
DEC					28...	1525	7.7	28.0	14.0
13...	0850	6.3	12.0	11.5	JUN				
JAN 1957					19...	1705	6.1	24.5	18.0
17...	1000	8.8	-16.5	9.0	JUL				
FEB					24...	1450	7.2	25.0	11.0
25...	1330	18	12.0	11.0					
APR									
04...	0825	11	7.5	10.0					

# POTOMAC RIVER BASIN

01607500 SOUTH FORK SOUTH BRANCH POTOMAC RIVER AT BRANDYWINE, WV

LOCATION.--Lat 38°37'53", long 79°14'38", Pendleton County, Hydrologic Unit 02070001, on left bank 50 ft upstream from bridge on U.S. Highway 33, 0.1 mi upstream from Hawes Run, 0.4 mi north of Brandywine, 0.9 mi downstream from Broad Run, and at mile 42.9.

DRAINAGE AREA.--102 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--August 1943 to current year.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					SEP 1947				
18...	1600	5.5	25.5	26.5	13...	1500	13	29.5	28.5
AUG					OCT				
21...	1800	7.7	27.0	26.5	21...	1440	8.5	26.5	19.5
SEP					NDV				
17...	1350	142	14.5	15.5	18...	1150	51	4.5	5.0
DCT					DEC				
16...	1510	14	14.0	12.0	12...	0920	21	-0.5	2.5
17...	1545	14	26.0	19.0	JAN 1948				
NOV					14...	0910	38	-13.5	0.0
14...	0910	15	10.5	13.5	FEB				
DEC					14...	1415	2260	4.0	3.5
03...	1345	104	9.0	6.0	14...	1650	1880	4.0	3.5
JAN 1946					MAR				
14...	1535	178	0.5	4.0	17...	1040	79	10.5	9.0
FEB					APR				
11...	1435	133	5.5	3.5	22...	0900	95	9.0	10.5
25...	1400	152	3.5	4.5	MAY				
MAR					14...	0900	95	16.0	14.5
11...	1600	186	6.0	8.5	JUN				
26...	1150	150	18.0	10.0	15...	1150	21	24.0	21.0
APR					JUL				
08...	1430	70	12.0	11.0	21...	1115	25	29.5	25.5
23...	1620	36	17.0	16.5	AUG				
MAY					11...	0930	29	28.0	21.5
13...	1555	70	20.5	19.0	SEP				
28...	1140	37	18.0	18.0	02...	1100	28	24.5	21.0
JUN					OCT				
10...	1200	22	23.5	22.0	11...	1120	153	15.0	14.0
27...	1130	17	26.5	23.5	NDV				
JUL					08...	1200	234	15.5	9.0
22...	1050	18	24.0	23.5	DEC				
29...	1050	10	25.5	21.5	10...	0815	132	-3.0	3.5
AUG					16...	1140	344	8.0	8.0
04...	1140	8.5	27.0	24.5	FEB 1949				
14...	1715	6.4	26.0	24.5	11...	0920	180	-4.0	2.0
SEP					MAY				
17...	1055	3.4	20.5	16.0	14...	0740	89	13.0	13.5
DCT					14...	1040	88	24.5	15.5
08...	1315	4.7	21.5	16.0	AUG				
NDV					02...	1655	53	28.0	24.5
11...	1210	12	18.0	13.5	SEP				
DEC					15...	1640	32	24.0	23.5
09...	1135	9.1	12.0	5.5	OCT				
JAN 1947					31...	1245	619	16.5	13.5
06...	1110	133	-1.0	3.0	NOV				
FEB					07...	1400	87	18.5	12.0
17...	1210	25	5.5	3.5	DEC				
MAR					09...	1110	22	3.5	1.0
17...	1245	235	1.0	3.5	JAN 1950				
APR					13...	1305	62	13.0	6.5
15...	1655	56	21.0	18.0	MAR				
MAY					21...	1230	143	11.0	6.5
29...	0910	50	24.5	19.0	APR				
JUN					13...	1505	41	1.0	8.5
16...	1020	202	16.0	17.0	MAY				
JUL					19...	1450	102	23.5	16.0
25...	1030	36	--	20.0					
AUG									
18...	1115	22	29.0	24.5					

# POTOMAC RIVER BASIN

01607500 SOUTH FORK SOUTH BRANCH POTOMAC RIVER AT BRANDYWINE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1950					MAR 1954				
19...	1105	23	25.5	22.0	08...	1650	80	11.0	9.0
JUL					APR				
25...	1620	14	33.0	30.0	16...	1540	111	23.0	13.0
OCT					MAY				
24...	0930	21	19.5	15.0	11...	1340	31	8.5	13.0
NOV					JUN				
28...	1305	34	3.0	0.0	08...	1115	32	28.0	21.0
DEC					JUL				
21...	1110	47	0.0	0.5	07...	1445	19	29.0	24.5
FEB 1951					AUG				
16...	0955	147	3.0	3.5	04...	0850	5.5	26.0	21.5
MAR					SEP				
23...	0940	244	9.0	1.0	14...	1530	4.7	24.5	24.0
APR					OCT				
26...	1630	104	14.5	15.5	14...	1150	4.8	25.5	18.5
MAY					DEC				
24...	1550	65	22.0	15.5	03...	1550	70	2.0	--
JUN					JAN 1955				
21...	1430	58	29.5	26.0	13...	1010	55	-1.0	0.5
JUL					FEB				
26...	1655	98	26.0	27.0	16...	1310	93	13.0	5.0
AUG					MAY				
23...	1205	18	26.5	22.0	17...	1325	81	20.0	12.0
SEP					JUL				
11...	1230	6.6	29.0	23.0	19...	1335	13	30.0	28.0
OCT					OCT				
17...	1425	7.0	23.5	18.0	13...	0955	9.0	13.0	13.5
NOV					DEC				
27...	1540	25	1.5	5.0	06...	1235	9.8	10.5	4.5
JAN 1952					MAR 1956				
03...	1630	187	3.0	6.5	06...	1040	52	15.0	8.5
MAR					JUN				
23...	1600	247	12.0	10.0	05...	1405	22	25.0	23.5
JUL					OCT				
29...	1210	6.8	30.5	29.0	24...	1640	24	15.5	16.0
SEP					NOV				
09...	1105	18	21.5	18.0	15...	1535	22	13.0	15.5
OCT					DEC				
21...	1500	8.7	10.5	10.5	13...	1520	13	14.0	9.5
DEC					JAN 1957				
02...	1055	37	3.5	1.0	17...	1600	40	-2.5	0.5
FEB 1953					APR				
25...	0840	188	8.5	4.0	04...	1440	131	11.5	8.5
MAR					MAY				
24...	1255	2270	21.0	--	16...	0940	77	21.0	20.0
24...	1630	1660	24.0	--	AUG				
APR					08...	1345	3.8	28.0	20.5
07...	1050	102	14.0	6.0	SEP				
MAY					12...	1040	6.7	22.0	20.0
19...	1140	101	14.5	10.0	OCT				
JUN					16...	1015	24	15.5	10.0
23...	1805	24	29.5	25.5	NOV				
AUG					08...	1055	13	12.0	9.0
05...	0900	9.4	28.0	25.5	FEB 1958				
SEP					07...	1315	443	0.5	--
02...	1000	1.9	29.0	25.5	APR				
OCT					07...	1620	630	6.5	9.0
06...	1100	5.4	18.5	16.5	08...	1040	427	9.0	6.0
NOV					JUL				
10...	1010	4.9	5.5	4.5	18...	1245	12	21.0	20.0
DEC					AUG				
08...	1505	20	16.5	7.0	22...	1220	12	25.5	24.0
JAN 1954					SEP				
12...	1610	11	-8.0	0.0	26...	0950	7.3	23.5	20.5
FEB					NOV				
11...	1545	22	12.0	6.0	07...	1135	5.7	9.0	7.0

# POTOMAC RIVER BASIN

01607500 SOUTH FORK SOUTH BRANCH POTOMAC RIVER AT BRANDYWINE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
DEC 1958					DEC 1962				
18...	1040	6.4	1.0	1.0	17...	1605	16	9.5	1.5
JAN 1959					JAN 1963				
23...	0925	49	-8.0	0.5	30...	1605	29	1.5	1.0
MAR					MAR				
05...	1240	12	6.5	3.5	13...	1330	1210	22.0	4.5
APR					MAY				
17...	1220	330	10.0	4.5	01...	1130	34	4.0	8.0
JUL					JUN				
09...	1235	4.2	31.0	31.0	12...	1245	37	18.0	21.0
AUG					OCT				
18...	1440	3.4	29.0	28.0	16...	0930	3.8	15.0	9.5
OCT					FEB 1964				
08...	1110	18	27.0	21.0	18...	1405	130	0.0	1.0
DEC					MAR				
31...	0940	87	3.5	2.0	30...	1710	49	0.0	2.5
FEB 1960					MAY				
17...	1145	92	4.5	2.5	14...	1340	57	16.5	14.0
MAR					SEP				
24...	1415	102	8.0	1.5	18...	1730	4.1	18.5	16.5
APR					OCT				
01...	1010	729	21.5	3.5	30...	1545	16	15.5	15.5
11...	1345	124	14.0	3.5	DEC				
MAY					16...	1110	90	1.5	0.5
04...	1620	28	25.5	16.5	JAN 1965				
JUN					29...	1330	184	11.0	5.5
08...	1210	87	20.0	18.5	MAR				
JUL					10...	0915	137	-2.5	0.0
27...	1720	9.3	26.5	28.0	18...	1310	67	14.5	8.0
SEP					APR				
06...	1330	10	26.5	23.5	20...	1250	190	10.5	10.5
OCT					26...	1015	376	21.0	10.5
11...	1210	9.7	22.0	17.0	JUN				
NOV					04...	1100	28	18.0	16.0
29...	1400	8.7	18.5	13.0	23...	1335	7.8	--	27.0
JAN 1961					JUL				
10...	1255	15	4.0	2.0	09...	0815	5.9	--	20.5
MAR					SEP				
01...	1315	238	4.5	6.0	30...	1345	8.6	23.5	18.0
APR					NOV				
05...	1310	130	18.5	10.0	17...	0930	7.0	4.0	1.0
MAY					DEC				
16...	1340	226	23.5	18.0	20...	1100	6.1	-2.0	0.0
JUL					FEB 1966				
05...	1145	21	24.5	21.0	08...	1415	13	4.0	0.0
AUG					MAR				
16...	1215	13	23.5	24.5	18...	0845	35	13.0	7.0
OCT					MAY				
02...	1200	11	21.0	20.5	09...	1445	90	8.0	12.0
24...	1200	108	16.5	14.0	JUL				
26...	1215	63	9.0	13.0	15...	1135	2.6	--	22.5
DEC					AUG				
04...	1215	34	15.0	8.0	18...	1410	3.4	--	26.5
JAN 1962					OCT				
22...	1355	59	--	4.0	04...	1330	155	--	15.0
MAR					JAN 1967				
02...	1435	280	--	5.0	09...	1400	336	--	4.0
APR					APR				
06...	0950	126	--	8.5	04...	1520	51	--	15.5
MAY					27...	1440	23	--	10.0
04...	1135	61	--	14.5	MAY				
JUN					08...	1130	411	11.0	10.0
04...	1150	21	--	19.0	JUN				
AUG					15...	1400	18	--	25.5
28...	1055	4.9	--	21.0	JUL				
OCT					27...	0940	11	--	20.5
04...	1600	13	--	16.5					
NOV									
16...	1005	38	--	8.0					

POTOMAC RIVER BASIN

01607500 SOUTH FORK SOUTH BRANCH POTOMAC RIVER AT BRANDYWINE, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
AUG 1967						
01...	1220	14	--	--	--	24.0
18...	1130	5.1	--	--	--	21.5
SEP						
18...	1305	5.0	--	--	--	20.0
29...	1115	81	--	--	--	15.5
OCT						
17...	1435	20	--	--	21.5	19.0
NOV						
16...	1450	13	--	--	1.0	3.0
DEC						
22...	1245	72	--	--	0.0	2.5
JAN 1968						
19...	1120	39	--	--	9.0	0.5
FEB						
08...	1245	116	--	--	5.0	0.0
MAR						
15...	1340	242	--	--	9.0	5.5
APR						
29...	1330	45	--	--	9.5	9.0
JUN						
11...	1210	32	--	--	24.0	17.0
JUL						
19...	1120	11	--	--	25.0	25.0
AUG						
29...	1435	1.6	--	--	24.0	20.0
OCT						
14...	1250	2.8	--	--	21.0	16.0
NOV						
21...	1500	92	--	--	10.5	6.0
JAN 1969						
03...	1540	28	--	--	1.0	0.5
FEB						
25...	1115	29	--	--	1.0	3.5
MAY						
08...	1505	20	155	7.20	22.0	17.0
SEP						
09...	1420	80	140	8.00	23.0	22.5
OCT						
21...	1500	18	175	8.00	23.0	17.0
DEC						
04...	1215	27	115	7.00	-9.0	2.0
JAN 1970						
14...	1615	58	140	6.00	1.0	0.0
FEB						
26...	1320	83	120	8.00	2.5	1.5
APR						
09...	1515	114	130	8.00	27.5	12.0
MAY						
18...	1410	32	165	8.00	25.0	19.0
JUN						
23...	1205	11	195	8.00	30.0	23.0
AUG						
11...	1355	23	185	8.00	28.0	22.5
SEP						
23...	1220	7.5	215	8.00	34.0	22.5
NOV						
03...	1350	637	90	7.00	19.0	13.0
06...	1240	395	--	--	21.0	11.0
DEC						
15...	1635	30	140	8.00	2.0	5.0
JAN 1971						
27...	1305	51	140	7.00	-15.0	--
APR						
21...	1315	62	145	7.00	22.0	13.5



# POTOMAC RIVER BASIN

01607500 SOUTH FORK SOUTH BRANCH POTOMAC RIVER AT BRANDYWINE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1971						
08...	1130	98	--	--	23.0	20.5
18...	1200	128	--	--	22.0	18.0
JUL						
13...	1530	17	--	--	30.0	27.0
AUG						
24...	1325	14	--	--	25.5	22.5
OCT						
06...	1630	158	--	--	22.0	19.0
NOV						
17...	1435	28	--	--	22.0	12.5
DEC						
14...	1315	96	--	--	11.5	7.0
JAN 1972						
25...	1240	58	--	--	5.0	6.5
MAR						
08...	1255	118	--	--	8.0	8.0
APR						
20...	1220	159	--	--	24.0	14.5
MAY						
24...	1235	142	--	--	--	17.0
JUN						
27...	1115	101	--	--	20.0	16.5
AUG						
03...	1320	111	--	--	22.0	22.0
SEP						
11...	1300	15	170	7.60	24.0	23.0
OCT						
16...	1450	44	180	7.00	13.0	13.0
NOV						
13...	1325	107	--	--	18.0	13.0
DEC						
18...	1325	243	105	6.80	8.5	3.5
JAN 1973						
18...	1305	52	170	8.00	17.0	3.0
FEB						
12...	1355	149	120	6.80	5.0	3.0
MAR						
12...	1330	156	136	7.20	17.0	13.0
APR						
09...	1535	522	105	6.90	9.0	8.0
MAY						
07...	1430	91	160	8.00	23.0	17.5
JUN						
04...	1335	64	160	8.00	28.0	21.5
JUL						
11...	1340	16	180	7.80	22.0	19.0
AUG						
16...	1155	23	200	7.80	24.0	21.5
OCT						
04...	1340	52	190	8.00	28.0	21.0
NOV						
05...	1540	102	160	7.00	3.0	8.5
DEC						
05...	1305	53	165	7.70	17.0	11.5
JAN 1974						
17...	1140	122	--	7.10	5.0	3.0
MAR						
01...	1025	86	--	7.30	8.0	4.5
26...	1105	130	130	7.40	6.0	4.5
APR						
23...	1215	47	130	6.70	24.0	11.0
JUN						
24...	1820	46	170	8.00	17.0	19.0

# POTOMAC RIVER BASIN

01607500 SOUTH FORK SOUTH BRANCH POTOMAC RIVER AT BRANDYWINE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLDW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
JUL 1974							
29...	1750	14	180	8.30	22.0	26.0	--
AUG							
26...	1530	35	210	8.00	25.0	23.0	--
OCT							
01...	1250	7.9	240	8.00	21.0	16.0	6.6
30...	1435	12	240	8.00	22.0	14.0	--
NOV							
25...	1400	18	215	7.50	6.0	6.0	--
DEC							
23...	1440	71	240	7.00	13.5	5.0	11.4
JAN 1975							
27...	1440	399	115	6.50	13.5	4.0	--
FEB							
24...	1540	110	210	8.00	17.5	10.5	--
MAR							
24...	1345	199	160	6.80	17.0	9.0	8.0
APR							
24...	1300	33	225	7.50	21.0	14.5	8.0
MAY							
28...	1550	71	140	7.00	23.0	22.0	--
JUL							
28...	1245	34	215	8.00	28.0	23.0	8.6
AUG							
25...	1435	16	155	7.50	33.0	27.0	7.8
SEP							
29...	1455	86	--	7.00	27.0	16.5	9.8

# POTOMAC RIVER BASIN

01608000 SOUTH FORK SOUTH BRANCH POTOMAC RIVER NEAR MOOREFIELD, WV

LOCATION.--Lat 39°00'44", long 78°57'23", Hardy County, Hydrologic Unit 02070001, on right bank 0.2 mi downstream from Stony Creek, 3.5 mi south of Moorefield, and at mile 6.0.

DRAINAGE AREA.--283 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--June 1928 to September 1935, August 1938 to current year.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					APR 1948				
03...	1035	35	20.5	23.5	16...	0940	1310	15.5	11.5
AUG					MAY				
07...	1045	132	26.5	22.5	12...	1710	297	23.0	21.0
SEP					JUN				
19...	1220	3170	21.5	15.5	17...	0850	56	19.5	20.0
OCT					JUL				
10...	1645	60	14.0	14.0	23...	0905	122	26.0	23.0
NOV					NOV				
16...	0845	92	1.0	8.0	04...	0930	80	11.0	11.5
FEB 1946					DEC				
13...	1040	215	4.5	3.5	08...	1650	496	4.5	8.0
26...	1000	337	11.0	3.5	16...	1540	1400	4.5	7.5
MAR					FEB 1949				
13...	1040	310	13.5	6.5	10...	0735	432	4.0	5.5
26...	1720	368	14.0	11.0	MAR				
APR					17...	0910	142	1.0	4.5
24...	1030	94	17.5	16.0	APR				
MAY					13...	1615	276	15.5	12.5
15...	0925	171	16.5	14.0	MAY				
28...	1540	154	16.0	18.0	12...	1300	241	15.0	16.0
JUN					JUN				
12...	0935	71	23.0	22.5	19...	1345	3130	26.0	17.5
JUL					AUG				
24...	1045	36	30.5	25.0	19...	0955	517	20.5	20.5
30...	1000	26	26.5	24.5	SEP				
AUG					14...	1750	70	20.0	21.0
19...	1225	22	28.5	25.0	OCT				
SEP					20...	0915	32	12.5	14.0
18...	1030	11	20.5	19.0	NOV				
OCT					08...	1735	148	9.5	11.0
09...	1220	15	11.5	15.5	DEC				
NOV					07...	1400	64	10.0	6.5
13...	0930	28	6.5	9.0	JAN 1950				
DEC					12...	0735	99	-1.0	5.0
10...	1645	22	15.5	8.0	MAR				
JAN 1947					20...	1815	209	6.5	5.5
07...	1545	230	8.5	4.5	APR				
FEB					12...	1230	110	12.5	9.0
18...	1630	53	9.0	4.5	MAY				
MAR					18...	1440	317	23.0	17.5
19...	0945	303	-2.0	3.5	JUN				
APR					20...	1450	61	29.0	24.0
17...	0905	130	5.0	12.5	JUL				
MAY					19...	1310	30	28.0	25.5
27...	1700	169	24.0	23.0	AUG				
JUL					15...	0910	18	21.0	21.0
24...	0800	102	15.5	18.0	SEP				
AUG					20...	1210	121	23.5	20.0
19...	1520	50	30.0	28.5	NOV				
SEP					15...	1330	100	15.0	7.5
12...	1620	31	28.0	26.5	DEC				
OCT					20...	0910	155	-6.5	1.5
23...	1210	18	21.5	18.0	JAN 1951				
NOV					18...	1355	399	15.5	4.5
20...	0845	69	1.5	5.5	FEB				
FEB 1948					14...	1245	311	12.5	6.0
18...	1535	695	20.5	7.5					
MAR									
12...	0730	365	-5.0	4.0					

# POTOMAC RIVER BASIN

01608000 SOUTH FORK SOUTH BRANCH POTOMAC RIVER NEAR MOOREFIELD, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAR 1951					JUL 1954				
21...	1325	1090	13.5	6.0	09...	0900	53	21.0	22.5
APR 25...	1230	226	23.0	14.5	AUG 04...	1415	20	29.0	25.5
MAY 23...	1230	152	14.5	16.0	SEP 15...	0800	16	21.5	20.5
JUN 20...	1200	175	28.5	21.5	OCT 13...	1015	15	23.5	18.0
JUL 25...	1205	40	26.5	26.5	DEC 08...	0850	60	-6.5	0.0
AUG 22...	1135	42	21.0	23.5	JAN 1955 11...	1500	159	5.0	2.5
OCT 18...	1350	23	23.0	17.5	FEB 10...	1520	403	15.0	5.5
NOV 29...	0910	40	0.5	2.5	MAR 10...	1210	584	19.0	9.5
DEC 07...	1245	182	18.0	18.0	APR 12...	1650	103	24.5	15.5
JAN 1952 16...	1035	282	5.0	6.5	MAY 12...	1030	91	26.5	21.5
FEB 13...	1240	200	6.5	5.5	JUL 20...	0940	37	26.5	--
27...	0835	147	-6.5	4.0	OCT 14...	0845	30	13.5	17.5
MAR 27...	0845	440	5.0	7.5	DEC 06...	1500	28	5.5	6.5
APR 10...	1000	318	15.0	9.0	FEB 1956 09...	1010	549	5.0	4.5
MAY 15...	1315	551	19.0	14.5	MAR 06...	1510	112	13.5	9.0
21...	0840	242	17.5	13.5	MAY 16...	1540	54	16.5	14.5
JUL 30...	1250	19	31.0	28.5	JUN 06...	1455	89	26.5	23.0
AUG 06...	1030	33	24.0	25.0	JUL 17...	1450	27	32.5	25.5
SEP 10...	1005	39	15.5	19.0	SEP 19...	0910	30	14.0	18.5
OCT 22...	0845	28	9.5	4.0	OCT 25...	1335	44	16.5	15.5
JAN 1953 14...	0850	468	18.0	6.5	NOV 14...	1505	58	21.5	10.0
28...	1335	419	5.5	2.5	DEC 12...	1215	28	13.5	6.5
FEB 25...	1515	415	--	5.5	APR 1957 03...	1420	136	12.5	7.5
MAR 11...	1315	249	18.5	6.5	JUL 02...	1210	76	29.5	21.0
APR 07...	1415	288	13.0	7.0	SEP 11...	1345	24	23.5	21.0
MAY 19...	1535	365	25.5	14.5	OCT 15...	1005	69	15.5	11.0
AUG 04...	1640	228	30.5	26.5	NOV 06...	1550	31	9.5	10.5
OCT 07...	1420	14	18.5	15.5	JAN 1958 08...	1530	88	-3.5	--
NOV 11...	0939	18	2.5	3.0	JUL 16...	1550	84	29.0	27.5
DEC 09...	1555	38	13.0	6.5	AUG 20...	1535	75	33.5	24.0
JAN 1954 14...	1010	24	-9.0	0.0	SEP 24...	1645	28	30.0	20.5
FEB 12...	1320	41	-4.0	2.5	NOV 06...	1125	22	14.0	10.5
MAR 09...	1520	175	20.0	9.0	DEC 17...	1050	19	7.5	2.5
APR 17...	1300	219	27.5	15.0					
MAY 12...	1405	87	15.0	11.0					
JUN 09...	0900	79	24.0	21.5					

# POTOMAC RIVER BASIN

01608000 SOUTH FORK SOUTH BRANCH POTOMAC RIVER NEAR MOOREFIELD, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1959					JUL 1963				
22...	1120	42	0.5	1.0	23...	1355	19	24.0	23.5
MAR					OCT				
04...	1045	33	7.5	3.5	15...	1635	12	26.0	14.5
APR					JAN 1964				
16...	1230	1260	15.5	7.5	06...	1320	203	8.0	4.0
MAY					FEB				
27...	1100	92	24.5	10.0	18...	1155	270	-0.5	0.0
AUG					MAY				
19...	0930	15	--	26.0	14...	1140	158	18.0	14.5
OCT					SEP				
07...	1050	57	26.5	22.5	17...	1805	8.0	24.5	23.0
DEC					OCT				
30...	1120	231	5.0	4.5	29...	1540	46	16.0	14.0
MAR 1960					DEC				
25...	0900	384	-1.0	0.0	11...	0845	175	5.5	6.0
MAY					JAN 1965				
04...	1345	84	25.5	13.5	28...	1415	657	7.5	5.5
JUN					MAR				
09...	0845	187	17.5	18.5	09...	1245	485	5.5	2.5
JUL					APR				
27...	1410	23	23.5	25.5	21...	0750	638	14.0	9.5
SEP					JUN				
06...	1545	25	28.0	24.5	03...	1030	64	18.0	16.0
OCT					JUL				
19...	1410	26	20.0	16.0	08...	1400	22	29.0	25.0
NOV					AUG				
29...	1520	22	18.0	12.5	18...	1130	9.9	--	28.5
JAN 1961					SEP				
10...	1430	46	5.0	1.0	24...	1015	33	20.0	23.0
MAR					NOV				
01...	1530	494	6.5	6.0	16...	1145	18	10.5	12.5
APR					DEC				
05...	1530	371	16.5	10.0	21...	1100	17	0.0	3.5
MAY					FEB 1966				
16...	1555	591	21.0	17.5	09...	0830	29	-4.0	0.0
JUL					MAR				
05...	1500	68	25.5	21.0	17...	1410	88	16.0	9.0
AUG					MAY				
16...	1430	40	28.5	25.0	12...	1030	170	19.5	10.5
OCT					AUG				
03...	0820	27	14.5	19.5	17...	1550	14	--	27.5
26...	1500	125	10.0	14.0	SEP				
DEC					22...	1230	695	19.0	16.5
04...	1415	72	15.5	8.0	JAN 1967				
JAN 1962					06...	1445	236	--	3.0
22...	1635	138	--	5.5	FEB				
MAR					16...	1315	260	--	6.5
02...	1205	872	--	4.0	MAY				
APR					11...	1345	382	--	13.0
05...	1010	356	--	7.5	AUG				
MAY					31...	1140	80	--	20.5
03...	0910	439	--	11.5	OCT				
JUN					17...	1140	42	19.0	15.5
05...	1330	107	--	20.0	NOV				
OCT					16...	0820	42	-7.0	3.0
04...	0910	17	--	16.5	DEC				
NOV					21...	1220	168	0.5	0.0
15...	1540	123	--	8.5	FEB 1968				
DEC					07...	1700	392	3.0	0.5
17...	1435	45	15.5	4.5	MAR				
JAN 1963					19...	1000	847	6.5	1.0
30...	1350	92	1.0	1.5	APR				
MAR					26...	1200	103	20.0	14.0
13...	1615	3290	24.5	4.5	JUN				
MAY					07...	1405	127	31.0	19.5
01...	1415	85	3.0	9.0					
JUN									
12...	1750	89	18.0	21.0					

# POTOMAC RIVER BASIN

01608000 SOUTH FORK SOUTH BRANCH POTOMAC RIVER NEAR MOOREFIELD, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1968					JAN 1969				
19...	0825	19	24.5	24.5	02...	1335	26	0.0	1.0
AUG					FEB				
30...	1045	7.7	18.5	20.0	24...	1205	62	4.5	3.0
OCT					MAR				
10...	1530	12	--	15.0	28...	1215	390	6.5	4.0
NOV									
18...	1452	276	10.5	11.0					

# POTOMAC RIVER BASIN

01608000 SOUTH FORK SOUTH BRANCH POTOMAC RIVER NEAR MOOREFIELD, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAY 1969						
07...	1505	54	170	7.00	30.0	21.5
JUN						
19...	1205	60	195	7.00	27.5	21.0
JUL						
30...	1430	166	160	7.00	30.0	24.0
SEP						
08...	1225	117	130	7.00	25.0	--
OCT						
20...	1310	42	165	8.00	28.0	24.0
JAN 1970						
12...	1350	170	--	--	9.0	1.0
FEB						
24...	1225	259	120	7.00	15.5	3.0
APR						
06...	1245	473	115	6.80	12.0	7.0
MAY						
14...	1210	105	170	7.00	24.0	20.0
JUL						
06...	1325	27	220	8.00	26.0	23.0
AUG						
10...	1105	49	195	8.00	25.5	22.0
SEP						
21...	1300	23	225	8.00	28.0	23.0
NOV						
02...	1205	2250	160	6.90	22.0	15.0
DEC						
14...	1225	60	170	6.60	13.0	6.0
MAR 1971						
10...	1340	566	120	6.00	10.0	4.0
APR						
20...	1130	174	150	7.30	29.0	13.0
JUN						
03...	1530	596	140	7.00	26.0	17.0
JUL						
12...	1630	66	--	--	28.0	27.0
AUG						
23...	1230	51	205	7.80	24.0	21.5
OCT						
05...	1510	591	120	7.50	27.0	20.0
NOV						
16...	1342	71	165	7.50	19.5	15.0
DEC						
13...	1240	311	120	6.90	12.0	9.0
JAN 1972						
24...	1600	94	160	8.00	10.0	8.0
MAR						
07...	1225	367	118	7.00	16.0	6.0
APR						
19...	1205	470	110	6.80	31.5	14.0
MAY						
25...	1130	375	--	--	28.0	15.5
JUN						
27...	1215	340	--	--	20.5	16.5
AUG						
02...	1040	306	180	7.40	30.0	20.5
SEP						
12...	1430	23	165	7.30	25.0	21.0
OCT						
10...	1415	122	--	--	15.5	13.5
NOV						
14...	1515	639	--	--	11.0	10.5
DEC						
18...	1535	580	115	6.80	7.0	3.0

# POTOMAC RIVER BASIN

01608000 SOUTH FORK SOUTH BRANCH POTOMAC RIVER NEAR MOOREFIELD, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLDW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
JAN 1973							
17...	1340	144	--	--	15.0	6.0	--
FEB							
12...	1615	387	120	6.70	5.5	3.0	--
MAR							
14...	1415	279	130	7.00	20.0	13.0	--
APR							
11...	1640	1170	105	6.90	6.0	7.0	--
MAY							
07...	1655	284	160	6.80	25.0	16.0	--
JUN							
01...	1140	292	160	7.00	24.0	12.0	--
JUL							
09...	1430	45	205	7.80	36.0	29.0	--
SEP							
12...	1210	32	230	7.70	26.0	20.0	--
OCT							
09...	1540	199	185	7.00	20.0	19.5	--
NOV							
05...	1740	235	160	7.00	6.0	9.0	--
DEC							
03...	1445	89	155	7.00	19.0	9.0	--
JAN 1974							
16...	1400	370	--	6.80	13.0	6.0	--
FEB							
27...	1700	193	--	7.40	10.0	5.0	--
MAR							
27...	1015	262	130	7.00	14.0	6.0	--
APR							
23...	0805	123	195	6.50	17.0	9.5	--
JUN							
25...	1510	190	160	7.30	18.0	21.0	--
JUL							
25...	1310	30	240	7.90	35.0	23.0	--
AUG							
27...	1410	58	200	8.00	32.0	26.0	--
SEP							
26...	1700	26	--	8.50	25.0	20.0	--
OCT							
25...	0925	37	250	7.50	15.0	11.0	--
DEC							
19...	1615	379	260	7.00	8.0	4.5	8.2
JAN 1975							
28...	1425	626	120	6.90	7.0	5.0	8.4
FEB							
25...	1205	234	200	7.60	8.0	6.5	--
MAR							
25...	1030	557	160	6.50	13.5	8.0	6.6
APR							
23...	1430	95	130	7.50	23.5	14.0	7.5
MAY							
22...	1430	232	--	7.50	31.0	21.0	--
JUL							
24...	1435	78	200	8.00	35.0	28.0	--
AUG							
26...	1115	49	145	7.20	34.0	27.0	7.2
SEP							
30...	1130	288	--	6.70	15.0	15.5	8.8



# POTOMAC RIVER BASIN

01608050 FORT RUN NEAR MOOREFIELD, WV

LOCATION.--Lat 39°03'56", long 78°54'49", Hardy County, Hydrologic Unit 02070001, on right bank 16 ft upstream from bridge on Secondary State Route 23/2, 3.0 mi east of Moorefield, and at mile 4.6.

DRAINAGE AREA.--4.92 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--May 1969 to September 1977.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1969						
30...	1245	0.95	95	7.00	26.0	20.0
SEP						
05...	1245	0.19	120	7.00	26.5	21.0
OCT						
20...	1120	0.06	110	7.00	23.0	15.0
DEC						
01...	1050	0.40	70	7.00	2.0	5.0
FEB 1970						
24...	1355	3.3	70	7.00	10.0	4.0
APR						
02...	1630	59	65	7.00	6.0	--
MAY						
14...	1145	0.83	80	7.00	22.0	16.0
JUL						
06...	1110	0.01	115	7.00	20.0	19.0
AUG						
06...	1450	0.08	--	--	30.0	22.0
SEP						
17...	1400	0.02	160	7.00	33.0	21.0
DCT						
29...	1400	0.03	155	6.80	22.0	15.0
DEC						
14...	1135	0.43	80	6.80	8.0	5.0
JAN 1971						
21...	1325	3.7	70	6.50	9.0	2.0
FEB						
19...	1320	11	70	6.80	11.0	5.0
MAR						
10...	1125	8.2	75	6.80	11.0	14.0
APR						
15...	1320	4.2	70	6.80	20.5	11.0
JUN						
03...	1335	5.0	80	6.80	27.0	16.0
JUL						
12...	1505	0.00	120	6.80	28.0	27.0
AUG						
19...	1450	2.0	80	6.80	31.0	20.0
OCT						
05...	1120	2.7	75	6.60	23.0	19.0
NOV						
15...	1315	0.72	80	6.80	21.0	12.0
DEC						
13...	1050	3.4	70	6.50	11.0	8.0
JAN 1972						
24...	1450	2.8	70	6.50	10.0	7.0
MAR						
07...	1025	5.2	60	6.50	18.0	4.5
APR						
18...	1450	6.7	60	6.80	26.0	17.0
MAY						
25...	1310	4.8	65	6.50	28.0	15.0
JUN						
27...	1400	3.6	80	6.50	21.5	16.5
AUG						
01...	1610	1.1	85	6.60	27.0	20.0

# POTOMAC RIVER BASIN

01608050 FORT RUN NEAR MOOREFIELD, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1972						
19...	1245	0.71	90	6.40	11.0	9.0
NOV						
14...	1300	31	65	6.30	18.0	10.5
DEC						
21...	1520	4.8	70	6.70	7.0	6.0
JAN 1973						
16...	1555	1.8	--	--	6.0	10.0
FEB						
15...	1516	4.3	65	6.50	5.0	3.0
MAR						
14...	1520	3.5	75	6.70	18.0	12.5
APR						
12...	1150	14	65	6.60	6.5	4.0
MAY						
08...	1405	3.8	70	6.60	20.0	15.0
JUN						
01...	0955	4.9	68	6.40	16.5	12.0
JUL						
06...	1150	0.10	100	6.50	30.0	23.0
AUG						
13...	1527	0.07	120	6.40	29.0	21.0
SEP						
12...	1042	0.03	130	6.60	24.0	20.0
OCT						
09...	1615	0.60	100	6.80	27.0	17.0
NOV						
06...	1640	1.7	90	6.00	6.0	6.0
DEC						
03...	1600	1.4	80	6.50	17.0	7.0
JAN 1974						
15...	1730	6.4	--	7.00	4.0	3.0
FEB						
28...	1130	1.8	--	6.70	4.0	2.5
MAR						
27...	1210	2.9	65	6.80	15.0	6.0
APR						
23...	1000	1.8	90	7.10	--	--
JUN						
25...	1645	8.0	70	6.80	18.0	16.0
JUL						
25...	1100	0.01	130	6.40	20.0	18.0
AUG						
27...	1600	0.08	110	6.80	31.0	21.0
SEP						
26...	1515	0.07	--	7.00	25.0	15.0
OCT						
24...	1550	0.10	155	6.50	17.0	12.0
NOV						
21...	1340	0.11	125	6.50	4.0	6.5
DEC						
19...	1430	5.1	105	6.30	10.0	5.0
JAN 1975						
28...	1240	7.3	80	6.30	8.5	4.5
FEB						
26...	1450	5.3	150	7.20	9.5	7.0
MAR						
25...	1240	9.4	90	6.00	16.0	8.0
APR						
23...	1200	0.75	115	6.00	19.0	10.0
MAY						
22...	1230	3.4	--	6.50	29.0	17.5
JUL						
02...	0930	0.64	--	8.00	19.0	17.5
24...	1250	0.36	115	7.00	33.0	21.0
AUG						
26...	1300	0.15	--	7.00	33.5	22.0
SEP						
26...	1205	83	--	6.00	27.0	14.5

# POTOMAC RIVER BASIN

01608400 BUFFALO CREEK NEAR ROMNEY, WV

LOCATION.--Lat 39°22'18", long 78°43'51", Hampshire County, Hydrologic Unit 02070001, on right bank 15 ft upstream from culvert on Secondary State Route 28/1, 0.7 mi upstream from mouth, and 2.5 mi northeast of Romney.

DRAINAGE AREA.--4.37 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--August 1960 to September 1977.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
AUG 1969						
19...	1320	0.41	120	6.80	25.0	20.0
SEP						
16...	1455	0.03	160	6.00	25.0	25.0
OCT						
07...	1450	0.01	140	6.00	22.0	18.0
NOV						
19...	1250	0.05	110	6.00	17.0	11.5
JAN 1970						
08...	1315	1.3	60	6.00	-11.0	0.0
FEB						
19...	1140	6.2	85	7.00	4.0	2.0
APR						
02...	1035	135	80	7.00	10.0	6.0
MAY						
13...	1220	0.40	95	6.00	28.0	19.0
JUL						
01...	1620	0.13	110	6.00	38.0	23.0
AUG						
03...	1425	0.02	100	6.40	33.0	22.0
OCT						
29...	1035	0.01	280	6.60	15.0	15.0
DEC						
10...	1305	0.20	105	6.70	15.0	8.0
JAN 1971						
20...	1405	3.6	90	6.90	2.0	0.5
FEB						
19...	1135	13	85	6.80	10.0	3.0
MAR						
03...	1530	5.8	70	6.80	7.0	3.5
APR						
14...	1255	2.1	85	6.80	15.5	12.0
JUN						
03...	0920	1.4	--	--	22.0	15.0
JUL						
08...	1150	0.01	--	--	30.0	27.0
AUG						
18...	1230	0.04	--	--	30.0	30.0
SEP						
29...	1225	0.19	--	--	28.0	19.5
NOV						
10...	1220	0.44	--	--	12.0	10.5
DEC						
09...	1025	8.2	--	--	9.5	7.5
JAN 1972						
19...	1610	1.6	--	--	14.5	5.5
MAR						
02...	1240	8.2	--	--	28.0	10.0
13...	1105	36	80	6.50	11.0	7.0
APR						
13...	1200	31	75	6.50	21.5	11.0
MAY						
31...	1600	0.08	80	6.50	28.0	17.0
JUN						
21...	2000	66	--	--	--	16.5
22...	1120	185	--	--	--	13.5

# POTOMAC RIVER BASIN

01608400 BUFFALO CREEK NEAR ROMNEY, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
AUG 1972						
02...	1325	0.06	--	--	30.0	22.0
OCT						
12...	1126	0.02	--	--	19.0	16.0
NOV						
09...	1305	3.2	--	--	15.0	9.5
DEC						
20...	1635	4.1	--	--	11.0	5.5
JAN 1973						
17...	1537	1.3	--	--	17.0	4.0
FEB						
14...	1510	3.3	--	--	-1.0	1.0
MAR						
08...	1020	4.2	--	--	11.0	5.5
APR						
02...	1450	33	78	6.40	16.0	9.5
MAY						
08...	1550	2.0	85	6.50	19.0	15.0
29...	1320	7.3	80	6.70	26.0	15.0
JUL						
11...	1602	0.09	--	--	30.0	20.0
AUG						
06...	1519	0.02	150	6.80	32.0	27.0
SEP						
11...	1520	12	135	6.20	26.0	21.5
OCT						
03...	1340	4.8	110	6.60	26.0	18.0
NOV						
08...	1200	1.2	100	6.40	16.0	10.0
DEC						
13...	0910	3.2	--	6.20	-2.5	3.5
JAN 1974						
10...	1735	47	--	6.50	3.0	4.5
FEB						
14...	1520	1.4	--	6.60	3.5	4.0
MAR						
28...	1000	1.8	80	6.80	10.0	5.0
APR						
22...	1810	3.0	100	6.70	21.5	9.5
MAY						
23...	1330	0.03	100	6.10	19.5	18.5
JUN						
19...	1030	1.0	100	6.30	19.0	15.5
AUG						
21...	1530	0.01	165	6.00	28.0	22.0
SEP						
26...	0930	0.01	--	6.20	16.0	15.0
OCT						
24...	1030	0.12	260	6.00	13.0	11.0
NOV						
20...	1545	0.23	170	6.00	10.0	8.5
DEC						
19...	0830	8.1	120	6.30	0.0	3.0
JAN 1975						
29...	1410	5.7	100	6.00	20.0	6.5
MAR						
18...	1705	19	110	6.00	9.5	6.0
APR						
22...	1745	0.55	130	6.20	16.0	10.0
MAY						
21...	1640	0.60	--	6.00	37.0	20.0
JUN						
24...	1900	0.08	120	6.00	26.0	22.0
JUL						
23...	1515	0.16	145	6.00	31.0	22.0
SEP						
25...	1440	61	--	6.00	18.0	15.0

# POTOMAC RIVER BASIN

01608500 SOUTH BRANCH POTOMAC RIVER NEAR SPRINGFIELD, WV

LOCATION.--Lat 39°26'49", long 78°39'16", Hampshire County, Hydrologic Unit 02070001, on left bank at highway bridge, 2.0 mi east of Springfield, and at mile 13.4.

DRAINAGE AREA.--1,471 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--June 1894 to February 1896 (fragmentary), June 1899 to February 1902, August 1903 to July 1906, August 1928 to current year.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					MAR 1948				
19...	0750	240	24.0	25.0	09...	1230	5200	1.0	5.0
AUG					16...	1720	1340	21.5	9.5
10...	1500	395	24.5	25.5	MAY				
SEP					11...	0700	2520	15.0	16.5
21...	1320	2880	24.0	19.0	JUN				
OCT					22...	1540	358	23.5	25.0
09...	0820	410	8.5	14.5	JUL				
NOV					20...	1345	345	23.5	25.0
18...	0955	686	13.0	8.5	27...	1530	367	28.0	26.0
DEC					AUG				
08...	1600	1820	5.0	12.0	10...	1645	383	26.0	24.5
FEB 1946					OCT				
15...	0925	6140	-9.0	3.0	05...	0900	452	15.5	15.0
MAR					NOV				
15...	1005	1700	18.0	6.0	01...	1630	385	14.5	11.5
APR					DEC				
12...	1005	950	13.5	10.5	07...	1015	3960	4.0	7.0
MAY					JAN 1949				
16...	1735	1250	23.5	19.5	04...	0920	1950	6.5	3.0
JUN					FEB				
13...	1445	465	23.5	24.0	08...	0740	3170	-4.0	4.0
JUL					MAR				
17...	1700	336	23.0	26.0	14...	1715	1120	9.5	5.0
AUG					APR				
20...	1720	106	23.0	26.0	11...	1540	2330	23.5	11.0
SEP					MAY				
19...	1545	53	24.5	21.5	10...	1740	682	17.0	20.5
OCT					SEP				
01...	1550	97	12.0	15.5	12...	1600	379	20.5	20.5
11...	1015	70	16.0	15.5	OCT				
25...	1120	80	23.0	14.0	18...	1015	236	15.0	17.0
NOV					NOV				
15...	0910	134	2.5	6.5	10...	1610	709	19.5	10.5
DEC					DEC				
12...	1505	87	11.0	6.0	05...	1630	731	6.0	3.0
FEB 1947					JAN 1950				
21...	1330	271	-2.0	0.0	10...	0745	878	8.0	5.0
MAR					FEB				
21...	0940	1280	3.0	4.5	14...	1600	2180	4.0	6.0
APR					MAY				
18...	1530	1110	21.0	14.0	16...	1410	5050	23.0	14.5
MAY					JUL				
26...	0925	695	16.0	21.0	17...	1635	298	24.0	25.0
JUL					AUG				
22...	1130	352	19.0	23.0	15...	1050	147	18.0	22.0
AUG					16...	0950	140	24.5	23.0
21...	1645	180	26.0	28.5	SEP				
SEP					18...	1500	1260	23.5	17.0
10...	1610	303	28.0	26.0	OCT				
OCT					23...	1735	352	--	14.0
21...	0845	74	11.5	15.0	NOV				
NOV					13...	1635	881	9.5	6.5
18...	1130	651	8.5	6.0	DEC				
DEC					18...	1650	1370	-2.0	0.5
09...	0945	238	-1.0	2.5	FEB 1951				
JAN 1948					12...	1650	1800	--	2.5
13...	1300	496	5.0	2.5	MAR				
FEB					19...	1650	2390	4.5	3.5
10...	1050	267	-9.0	2.5					

# POTOMAC RIVER BASIN

01608500 SOUTH BRANCH POTOMAC RIVER NEAR SPRINGFIELD, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAY 1951					AUG 1956				
21...	1645	1020	26.0	18.0	17...	1230	496	35.5	24.0
JUL					21...	1245	723	26.5	24.0
23...	1555	275	29.5	26.5	SEP				
AUG					27...	0950	198	9.0	15.5
20...	1650	236	30.5	26.5	OCT				
SEP					18...	1515	174	25.5	18.0
25...	1150	160	24.0	20.0	NOV				
OCT					13...	1000	344	22.5	9.0
22...	1530	130	17.5	15.0	DEC				
DEC					10...	1645	240	4.0	7.0
05...	1515	439	12.5	6.5	JAN 1957				
JAN 1952					15...	1020	1080	--	0.0
14...	1530	1750	18.5	5.0	FEB				
FEB					14...	1100	2960	1.5	0.5
25...	1520	982	7.0	5.0	MAY				
JUL					13...	1630	487	31.0	20.0
01...	1610	336	25.5	25.5	JUL				
AUG					08...	1545	257	26.5	20.5
04...	1540	158	27.0	28.0	24...	1555	198	21.0	25.0
SEP					AUG				
23...	1645	235	19.5	19.5	05...	1630	137	25.0	23.5
NOV					SEP				
04...	1500	134	15.5	9.0	09...	1545	69	21.0	20.5
JAN 1953					OCT				
26...	1620	4990	13.5	4.0	14...	1705	279	24.5	13.0
MAR					NOV				
09...	1440	2070	10.0	5.5	05...	0925	218	9.0	11.0
APR					JAN 1958				
27...	1630	1340	7.0	11.5	07...	1015	598	0.0	--
JUN					JUN				
01...	1230	963	22.5	15.0	10...	0950	312	21.5	23.5
JUL					JUL				
20...	1615	174	38.0	25.5	15...	0945	360	25.5	26.0
AUG					NOV				
17...	1400	130	29.5	26.0	04...	1525	160	19.5	6.5
SEP					DEC				
14...	1345	121	19.0	18.0	15...	1640	142	-9.0	1.0
OCT					MAR 1959				
14...	1605	96	17.0	16.5	02...	1540	352	10.0	4.5
NOV					MAY				
23...	1330	181	11.0	11.0	25...	1500	735	29.5	10.0
FEB 1954					JUL				
16...	1550	228	22.0	8.0	06...	1610	154	28.0	24.0
MAY					OCT				
24...	1545	970	25.5	12.0	05...	1635	358	31.0	24.0
JUL					DEC				
19...	1325	525	29.5	24.0	28...	1535	730	13.5	8.0
AUG					MAR 1960				
16...	1645	163	27.0	27.0	29...	1545	15300	28.0	3.5
SEP					MAY				
21...	1625	140	24.5	21.5	02...	1725	604	26.5	9.0
OCT					JUN				
11...	1545	134	25.5	18.0	09...	1000	1190	21.0	14.0
APR 1955					SEP				
11...	1330	714	24.5	14.0	09...	0950	115	27.5	24.5
JUN					OCT				
06...	1350	346	28.0	19.5	17...	1620	158	24.0	19.0
OCT					DEC				
10...	1305	1280	4.0	3.0	05...	1530	145	18.0	4.0
APR 1956					JAN 1961				
16...	1625	1710	14.5	11.5	17...	1540	543	4.5	0.5
MAY					FEB				
14...	1430	931	33.5	15.5	19...	1930	18900	--	5.0
JUN					20...	1445	14500	--	6.0
12...	1255	564	33.5	21.0	21...	1400	6880	--	5.5
					APR				
					13...	1610	7000	10.0	9.5

# POTOMAC RIVER BASIN

01608500 SOUTH BRANCH POTOMAC RIVER NEAR SPRINGFIELD, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAY 1961					MAR 1966				
31...	1630	632	26.5	18.5	15...	0750	1040	3.0	3.5
JUL					MAY				
11...	1600	310	23.5	23.5	04...	1210	4960	10.0	9.0
AUG					JUN				
22...	1500	196	24.5	24.0	07...	1100	352	--	22.5
SEP					JUL				
29...	1300	151	15.5	18.5	12...	1100	123	--	26.5
NOV					AUG				
30...	0900	582	4.5	1.5	15...	1715	139	--	27.0
APR 1962					SEP				
03...	1220	2480	--	8.5	20...	1620	356	--	18.0
MAY					OCT				
01...	1200	1170	--	19.5	31...	1750	362	--	10.5
JUN					JUL 1967				
06...	1130	1180	--	21.5	25...	0915	329	--	24.5
JUL					OCT				
17...	1245	300	--	22.5	11...	0800	232	10.0	12.0
AUG					NOV				
21...	0945	128	--	25.5	14...	0720	250	6.5	5.0
OCT					DEC				
02...	1045	133	--	15.5	19...	0815	1300	5.5	3.5
NOV					FEB 1968				
20...	1120	2440	--	7.0	06...	1345	2550	5.5	0.5
FEB 1963					20...	1200	623	-4.5	0.0
07...	0840	530	4.5	1.5	MAR				
JUN					12...	0930	1530	1.0	0.0
17...	1510	529	29.5	25.5	APR				
OCT					23...	0840	566	13.0	15.0
21...	1750	81	18.5	15.5	JUN				
NOV					04...	0740	1850	10.5	8.5
26...	1535	152	15.0	6.5	JUL				
MAY 1964					16...	1200	179	30.0	30.0
19...	1655	578	26.5	21.0	AUG				
SEP					27...	0945	72	19.0	21.5
16...	1015	74	20.5	17.0	OCT				
OCT					08...	1015	85	--	13.0
28...	1010	243	14.0	11.0	NOV				
DEC					19...	1015	1160	2.0	5.0
09...	1030	1280	1.0	2.0	JAN 1969				
JAN 1965					07...	1520	1520	-4.5	0.0
26...	1500	7520	4.5	1.0	FEB				
MAR					19...	1520	456	2.0	1.0
04...	1600	1890	-2.0	0.0	MAR				
APR					20...	1225	550	18.0	9.0
15...	0930	2890	16.5	10.5	MAY				
JUN					07...	1200	445	29.5	21.0
02...	0645	372	18.0	16.0	JUN				
JUL					16...	1320	233	21.0	23.5
07...	0730	124	22.0	20.0	JUL				
AUG					28...	1545	414	35.0	28.0
17...	0810	79	--	27.0	SEP				
SEP					03...	1520	218	24.5	25.5
23...	0700	196	18.5	17.0	OCT				
NOV					06...	1340	367	18.5	17.5
16...	0815	124	4.5	3.0	NOV				
DEC					17...	1330	303	14.0	14.0
14...	0800	140	6.5	6.0					
FEB 1966									
03...	1000	151	-6.5	0.0					

# POTOMAC RIVER BASIN

01608500 SOUTH BRANCH POTOMAC RIVER NEAR SPRINGFIELD, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1970						
05...	1430	1760	160	7.00	9.0	1.0
FEB						
16...	1420	907	180	7.00	3.0	1.0
18...	1500	1730	--	--	18.0	--
MAR						
30...	1615	2030	160	7.00	4.0	7.0
MAY						
11...	1325	680	200	8.00	30.0	21.0
JUN						
29...	1335	240	245	8.00	30.0	23.0
AUG						
05...	1645	232	235	9.00	27.5	27.0
SEP						
14...	1615	168	245	9.00	28.0	25.0
OCT						
28...	1325	184	--	--	13.0	13.0
DEC						
07...	1620	460	205	8.00	6.0	2.5
JAN 1971						
18...	1405	2490	--	--	2.0	1.0
MAR						
01...	1510	3820	--	--	19.0	7.0
APR						
12...	1410	2820	155	8.00	27.0	11.5
JUN						
01...	1500	6900	--	--	29.0	21.0
JUL						
06...	1450	342	--	--	30.0	27.0
AUG						
18...	1325	297	--	--	29.0	26.0
OCT						
04...	1730	2550	--	--	26.0	21.0
NOV						
08...	1520	618	--	--	9.0	9.0
DEC						
09...	1045	5610	--	--	12.0	8.5
JAN 1972						
19...	1230	982	--	--	13.0	1.5
MAR						
01...	1625	8660	--	--	23.5	9.0
APR						
12...	1725	2080	--	--	15.0	14.5
MAY						
22...	1600	3270	--	--	26.0	17.5
JUN						
19...	1535	666	--	--	27.0	25.5
JUL						
26...	1635	510	240	8.00	32.0	27.0
SEP						
05...	1815	254	250	8.00	29.0	26.0
OCT						
12...	1450	1520	200	7.50	18.0	13.0
NOV						
07...	1250	1000	200	8.00	15.5	11.0
DEC						
20...	1515	2800	180	7.00	12.0	5.0
JAN 1973						
08...	1530	1740	195	7.00	-2.0	0.0
FEB						
05...	1432	5330	150	6.80	11.0	5.0
MAR						
08...	1610	3100	180	7.60	17.0	11.0
APR						
02...	1425	5220	175	7.00	12.0	12.0



# POTOMAC RIVER BASIN

01608500 SOUTH BRANCH POTOMAC RIVER NEAR SPRINGFIELD, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAY 1973						
10...	1150	1800	220	8.00	30.0	17.0
JUN						
06...	1225	2060	180	7.70	31.0	24.0
AUG						
09...	1630	307	245	8.00	30.0	28.5
SEP						
06...	1415	227	200	8.00	27.0	20.0
OCT						
03...	1250	2310	270	7.00	--	18.0
NOV						
07...	1650	1420	210	7.00	8.0	6.0
DEC						
12...	1605	1010	210	7.90	3.5	2.0
JAN 1974						
10...	1510	2510	180	7.10	2.5	3.0
MAR						
20...	1730	1900	190	8.00	9.0	8.5
APR						
22...	1410	1040	180	7.10	26.0	12.0
MAY						
22...	1540	812	180	8.00	23.5	22.0
JUN						
19...	1310	834	220	8.20	30.0	21.0
JUL						
30...	1420	291	280	8.00	21.0	25.0
AUG						
21...	1515	327	260	8.30	26.0	24.0
SEP						
25...	1330	200	--	8.10	14.0	16.0
OCT						
23...	1330	282	300	7.50	19.0	10.0
NOV						
20...	1305	254	320	7.50	9.5	6.0
JAN 1975						
23...	1400	1770	200	8.00	9.0	2.0
APR						
29...	1405	2520	215	7.00	14.0	11.0
MAY						
21...	1255	2000	--	8.00	31.0	20.0
JUN						
25...	1200	321	240	8.10	26.5	27.0
JUL						
28...	1615	490	225	8.00	33.0	27.0
AUG						
20...	1355	439	210	8.00	25.0	24.5

# POTOMAC RIVER BASIN

01609800 LITTLE CACAPON RIVER NEAR LEVELS, WV

LOCATION.--Lat 39°29'55", long 78°29'20", Hampshire County, Hydrologic Unit 02070003, on left bank just downstream from bridge on Secondary State Route 2, 3.2 mi northeast of Levels, and at mile 2.0.

DRAINAGE AREA.--108 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1966 to September 1977.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
NOV 1966						
01...	1300	4.2	--	--	--	9.5
JAN 1967						
04...	1340	65	--	--	--	2.0
FEB						
14...	1305	96	--	--	--	1.5
AUG						
21...	1445	0.90	--	--	--	23.5
29...	1115	24	--	--	--	21.0
OCT						
11...	1300	3.7	--	--	11.5	13.5
NOV						
14...	1100	7.5	--	--	6.0	6.5
28...	1415	16	--	--	1.0	1.0
DEC						
19...	1215	76	--	--	11.0	7.5
JAN 1968						
30...	1330	527	--	--	5.5	1.0
MAR						
12...	1525	110	--	--	1.0	0.0
APR						
23...	1130	11	--	--	16.0	16.0
JUN						
04...	1235	102	--	--	23.0	18.0
JUL						
16...	1630	0.48	--	--	33.5	31.5
AUG						
27...	1345	0.03	--	--	22.5	25.5
OCT						
08...	1210	0.03	--	--	--	18.5
NOV						
19...	1505	105	--	--	3.5	6.0
JAN 1969						
08...	1135	4.9	--	--	-4.0	0.5
FEB						
18...	1655	11	--	--	4.5	2.0
APR						
01...	1440	42	--	--	4.0	6.0
MAY						
05...	1335	10	115	6.50	28.0	22.0
JUN						
16...	1530	5.0	--	--	24.0	22.0
JUL						
28...	1255	117	80	6.00	26.0	22.0
SEP						
02...	1305	3.6	135	7.00	22.0	24.0
OCT						
06...	1550	5.1	135	7.00	22.0	17.0
NOV						
17...	1545	8.1	100	7.00	14.0	14.0
JAN 1970						
05...	1610	79	105	7.00	9.0	1.5
FEB						
16...	1645	66	80	7.00	0.5	1.0
MAY						
11...	1610	21	90	7.00	28.0	25.0

POTOMAC RIVER BASIN  
01609800 LITTLE CACAPON RIVER NEAR LEVELS, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1970						
29...	1630	19	100	7.00	29.0	24.0
AUG						
05...	1055	4.0	145	7.00	21.5	22.0
SEP						
14...	1345	0.08	135	7.00	32.0	27.0
OCT						
26...	1430	1.5	130	7.00	17.0	15.0
DEC						
09...	1505	9.4	120	6.80	12.5	2.5
JAN 1971						
18...	1555	150	100	6.80	-5.0	0.0
MAR						
01...	1820	218	85	6.80	14.0	7.0
APR						
12...	1610	90	85	7.00	32.0	14.0
JUN						
01...	1705	87	110	7.00	31.0	21.0
JUL						
06...	1640	1.7	115	7.00	29.0	29.0
AUG						
16...	1805	8.0	100	8.00	27.0	26.0
SEP						
27...	1530	11	118	7.00	26.0	18.0
NOV						
08...	1705	21	100	7.00	6.0	8.0
DEC						
08...	1230	274	--	--	8.0	3.5
JAN 1972						
17...	1400	74	100	6.60	11.5	0.0
FEB						
28...	1745	509	--	--	6.0	6.0
APR						
10...	1455	201	90	6.40	24.5	8.5
MAY						
25...	1340	82	80	7.00	28.0	20.0
JUN						
26...	1910	205	80	7.00	17.0	17.0
JUL						
26...	1330	6.6	100	6.70	27.0	26.0
SEP						
06...	--	9.6	120	7.40	20.0	20.0
OCT						
10...	1700	15	--	6.70	13.5	13.5
NOV						
07...	1452	10	--	--	17.0	9.0
DEC						
20...	1115	151	80	6.60	6.0	5.0
JAN 1973						
11...	1110	46	80	6.40	-3.0	0.0
FEB						
05...	1632	257	65	6.50	11.0	5.0
MAR						
06...	1705	92	--	--	6.0	7.0
APR						
04...	1605	950	70	6.70	12.0	9.0
MAY						
03...	1310	158	80	6.60	20.0	14.5
31...	1255	149	65	6.80	23.0	19.0
JUL						
05...	1350	6.8	--	--	35.0	20.0
AUG						
07...	1640	1.4	--	--	32.0	32.0
SEP						
06...	1130	4.0	90	7.00	25.0	25.5

# POTOMAC RIVER BASIN

01609800 LITTLE CACAPON RIVER NEAR LEVELS, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
OCT 1973							
03...	1025	164	100	6.70	21.0	18.0	--
NOV							
01...	1400	70	105	6.70	13.0	11.0	--
DEC							
14...	1310	98	--	6.80	2.0	2.5	--
JAN 1974							
09...	1620	92	90	6.80	1.5	2.0	--
FEB							
26...	1700	19	--	7.30	5.5	3.0	--
MAR							
21...	1200	54	90	6.80	7.5	7.0	--
MAY							
22...	1155	22	100	6.80	23.0	20.0	--
JUN							
18...	1625	32	85	6.90	22.0	22.0	--
JUL							
24...	1325	0.94	130	7.00	22.0	22.0	--
AUG							
21...	1100	1.9	125	7.30	21.0	21.0	7.2
SEP							
24...	1030	1.4	--	7.00	11.0	12.0	--
OCT							
23...	1105	4.5	165	6.80	16.0	9.0	--
NOV							
20...	1000	6.1	160	6.70	8.0	6.0	--
DEC							
18...	1105	269	130	6.00	0.0	3.0	--
JAN 1975							
23...	1010	160	105	6.00	3.5	1.0	8.6
FEB							
26...	1430	2.3	--	--	5.5	5.0	--
MAR							
26...	0955	146	125	6.50	12.5	5.5	--
MAY							
21...	1000	60	--	6.50	23.0	19.0	--
JUN							
24...	1625	5.7	110	7.70	30.0	28.0	7.0
JUL							
23...	1025	24	140	7.00	24.0	23.0	6.2
AUG							
20...	1030	24	115	7.00	21.0	21.5	6.6

# POTOMAC RIVER BASIN

01610200 LOST RIVER AT MCCAULEY NEAR BAKER, WV

LOCATION.--Lat 39°03'18", long 78°43'31", Hardy County, Hydrologic Unit 02070003, on left bank at McCauley, 1.4 mi upstream from Three Springs Run, and 1.7 mi east of Baker.

DRAINAGE AREA.--155 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1971 to January 1980.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1972						
24...	1330	84	120	7.00	16.0	6.0
FEB						
15...	--	430	100	7.00	--	2.0
MAR						
06...	1440	204	96	6.80	4.5	2.0
APR						
18...	1100	396	100	7.00	20.0	11.0
MAY						
02...	--	130	115	8.00	--	15.0
26...	1430	185	125	7.80	30.0	15.5
AUG						
01...	1335	60	160	7.40	30.0	20.5
SEP						
03...	1045	5.9	135	7.20	21.5	19.0
OCT						
17...	1055	39	--	--	18.0	13.0
DEC						
21...	1110	182	90	6.60	7.5	5.0
JAN 1973						
16...	1125	65	--	--	16.0	5.0
FEB						
13...	1100	118	120	6.80	9.0	1.0
MAR						
13...	1110	165	100	7.00	17.0	9.0
APR						
26...	1320	983	65	7.40	10.5	9.0
26...	1430	974	65	7.40	9.0	8.5
MAY						
08...	1055	141	120	7.00	17.0	15.0
JUL						
12...	1120	34	145	6.00	24.0	20.0
AUG						
09...	1325	15	200	8.00	33.0	28.5
SEP						
11...	1305	12	200	8.00	27.0	22.5
OCT						
03...	1530	213	110	6.90	29.0	19.0
NDV						
06...	1405	128	125	6.80	3.0	6.0
DEC						
13...	1745	82	--	7.50	3.0	2.0
JAN 1974						
15...	1500	236	--	6.80	8.0	3.0
FEB						
27...	1130	46	114	7.60	6.0	2.0
MAR						
27...	1640	89	110	7.00	11.0	7.5
APR						
18...	1230	113	86	7.60	--	13.0
MAY						
23...	1620	62	140	8.10	21.0	23.0
24...	1155	58	145	8.10	--	21.0
JUN						
26...	1100	150	110	7.10	17.0	17.0
JUL						
24...	1615	8.4	205	8.30	27.0	24.0

POTOMAC RIVER BASIN

01610200 LOST RIVER AT MCCAULEY NEAR BAKER, WV --Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
AUG 1974							
28...	1045	9.8	215	7.50	23.0	23.0	7.5
OCT							
02...	1020	5.1	245	7.50	12.0	11.0	--
31...	1000	8.0	240	7.00	20.0	12.0	--
NOV							
26...	0930	15	180	7.00	--	7.0	--
DEC							
24...	1145	116	180	6.60	6.0	2.0	7.4
JAN 1975							
29...	1025	236	125	6.40	14.5	4.0	7.1
30...	1050	200	120	6.00	--	5.0	6.1
FEB							
27...	0920	118	220	7.80	6.5	4.0	--
MAR							
20...	1115	2590	130	6.00	4.0	6.5	7.4
25...	1500	278	155	6.80	13.0	8.5	--
APR							
30...	1115	420	150	6.70	12.0	11.5	--
MAY							
29...	1030	119	155	7.00	23.0	18.0	--
JUN							
26...	0955	28	172	8.00	21.0	24.0	7.0
JUL							
29...	1045	77	175	7.00	26.0	21.5	--
AUG							
27...	1030	13	250	7.40	23.0	23.5	6.3

# POTOMAC RIVER BASIN

01610300 CACAPON RIVER ABOVE WARDENSVILLE, WV

LOCATION.--Lat 39°04'44", long 78°37'11", Hardy County, on right bank 0.8 mi upstream from Trout Run, and 1.2 mi west of Wardensville.

DRAINAGE AREA.--181 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1971 to September 1973.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1972						
24...	1240	85	140	7.00	13.0	5.5
FEB						
15...	--	546	110	7.00	--	4.0
MAR						
06...	1245	282	105	7.00	3.5	3.5
APR						
17...	1505	744	90	7.00	27.0	15.0
MAY						
02...	--	189	115	8.00	--	14.5
26...	1215	256	110	7.80	19.5	15.5
JUN						
23...	1500	15600	60	--	18.0	12.5
AUG						
01...	1210	96	170	7.60	26.0	19.0
SEP						
13...	1330	26	130	7.30	23.0	20.0
OCT						
17...	1340	63	--	--	27.0	13.5
NOV						
15...	1455	1000	--	--	2.0	7.0
DEC						
21...	1255	255	120	7.00	6.0	5.0
JAN 1973						
16...	1345	104	135	7.00	14.0	2.0
FEB						
13...	1320	211	120	6.80	6.0	2.0
MAR						
13...	1425	202	105	7.00	16.5	12.0
APR						
10...	1415	1510	85	6.70	7.0	6.5
JUN						
05...	1435	587	110	7.00	30.0	21.0
AUG						
09...	1430	51	180	8.00	32.0	25.0

# POTOMAC RIVER BASIN

01611500 CACAPON RIVER NEAR GREAT CACAPON, WV

LOCATION.--Lat 39°34'43", long 78°18'34", Morgan County, Hydrologic Unit  
02070003, on left bank at Rock Ford, 3.0 mi southwest of Great Cacapon, and at  
mile 6.5.

DRAINAGE AREA.--677 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--December 1922 to current year.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					AUG 1948				
19...	2000	497	24.0	24.0	11...	0635	100	16.5	23.0
AUG					SEP				
09...	1800	238	24.0	25.0	08...	0825	57	21.0	24.0
OCT					OCT				
08...	1200	256	23.5	14.5	05...	1330	98	10.5	14.0
NOV					NOV				
17...	1140	595	10.5	8.0	02...	0925	161	10.5	10.5
FEB 1946					JAN 1949				
14...	1430	587	6.0	3.0	04...	1300	1110	5.5	2.0
MAY					FEB				
16...	1250	594	23.0	18.0	08...	1220	1530	7.5	4.5
JUN					MAR				
13...	1040	282	26.0	23.5	15...	0900	374	0.5	4.5
JUL					APR				
18...	1215	109	31.0	25.5	12...	0930	545	10.5	10.5
AUG					AUG				
20...	1330	81	25.0	25.0	16...	1650	181	23.5	25.0
SEP					SEP				
19...	1230	48	24.0	20.0	13...	1050	129	19.0	19.5
OCT					OCT				
10...	1505	66	16.0	15.0	18...	1440	89	21.5	16.0
NOV					NOV				
14...	1520	86	11.5	8.5	10...	1200	206	15.0	9.0
DEC					DEC				
12...	1205	76	11.5	6.0	06...	0820	292	1.0	0.5
JAN 1947					JAN 1950				
09...	1030	407	0.0	--	10...	1330	337	8.5	5.0
FEB					FEB				
20...	1200	137	-8.5	0.0	15...	0835	1210	3.5	5.5
MAR					MAR				
20...	1525	526	12.5	4.5	25...	1200	3690	5.5	6.5
APR					APR				
18...	1135	237	15.0	11.5	11...	0925	326	10.0	8.0
MAY					MAY				
26...	1340	475	27.5	22.0	17...	0905	2230	18.5	16.0
JUL					AUG				
22...	1545	178	25.0	24.5	15...	1500	58	24.0	21.5
AUG					SEP				
21...	1225	213	26.0	24.0	19...	1025	185	--	19.0
SEP					NOV				
11...	0935	96	24.0	24.0	14...	1010	222	-3.5	4.0
OCT					DEC				
21...	1250	44	25.5	18.0	19...	1000	587	-8.5	0.0
NOV					JAN 1951				
18...	1650	215	6.5	6.0	16...	1655	2250	0.5	3.0
DEC					FEB				
09...	1245	98	2.5	3.5	13...	1005	1200	3.0	1.5
JAN 1948					MAR				
04...	0850	192	-2.0	0.0	20...	0915	1390	-1.0	4.0
MAR					APR				
10...	0800	1660	-0.5	5.0	24...	0935	732	16.0	11.5
APR					MAY				
15...	1015	8820	4.5	10.0	22...	0920	605	18.0	19.5
MAY					JUN				
11...	1400	1290	29.0	18.0	19...	1120	828	24.5	20.0
JUN					JUL				
23...	0840	116	24.0	23.0	24...	0855	125	21.0	25.0
JUL									
21...	0900	114	25.5	24.5					



POTOMAC RIVER BASIN  
01611500 CACAPON RIVER NEAR GREAT CACAPON, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
AUG 1951					NOV 1957				
21...	0845	75	21.5	24.0	05...	1230	75	12.0	11.0
SEP					JAN 1958				
25...	1550	64	26.5	21.0	12...	1330	207	2.5	--
OCT					JUL				
23...	0850	66	14.5	13.5	15...	1315	130	32.0	28.0
DEC					AUG				
06...	0900	228	6.0	5.5	19...	1315	274	25.5	23.5
FEB 1952					NOV				
26...	0915	374	-6.5	--	05...	1020	96	11.0	9.0
AUG					DEC				
05...	0835	66	25.0	25.0	16...	1030	58	-8.0	1.0
SEP					JAN 1959				
24...	1005	86	--	17.0	21...	1010	76	4.5	3.5
NOV					MAR				
05...	0930	74	4.5	5.0	03...	0925	109	2.0	2.0
MAR 1953					APR				
10...	0850	765	8.5	4.0	15...	1030	1140	7.0	4.5
APR					OCT				
28...	0855	626	11.5	13.5	06...	1000	240	26.5	24.0
JUN					NOV				
01...	1600	1360	20.5	14.0	17...	1020	100	6.5	6.5
AUG					DEC				
18...	0910	66	21.0	18.5	29...	1110	263	7.5	4.5
SEP					FEB 1960				
15...	0920	87	15.5	--	11...	0800	732	9.0	5.5
OCT					MAY				
15...	1130	61	7.0	11.0	03...	1015	283	22.5	6.5
DEC					JUN				
22...	0910	139	3.5	1.5	09...	1350	667	26.5	15.5
FEB 1954					JUL				
17...	0855	98	9.0	7.0	20...	0900	133	23.0	18.0
APR					OCT				
28...	1735	474	16.0	20.5	18...	1115	69	22.0	16.5
JUN					DEC				
22...	1705	35	29.0	23.0	06...	1125	61	16.5	4.5
AUG					JAN 1961				
17...	0715	81	19.0	23.5	18...	0940	328	7.0	0.5
OCT					FEB				
12...	0755	36	15.5	18.0	19...	2245	10600	--	1.0
DEC					20...	1615	9300	--	4.5
06...	1520	286	4.0	0.0	21...	1625	3520	--	4.5
MAR 1955					MAR				
09...	1030	2160	16.5	3.5	07...	1245	1160	20.5	11.0
AUG					JUN				
09...	1025	87	25.5	24.5	01...	0830	291	21.0	18.0
DEC					JUL				
20...	0910	47	--	0.0	12...	0950	126	23.5	22.0
MAR 1956					AUG				
13...	1150	372	2.5	5.5	23...	1110	80	25.5	24.0
MAY					SEP				
15...	0920	467	20.0	14.5	29...	0915	62	14.0	17.5
JUL					NOV				
09...	1620	190	29.0	23.5	30...	1130	113	11.5	5.5
SEP					FEB 1962				
27...	1245	75	10.0	15.0	20...	1440	270	--	2.0
NOV					MAY				
13...	1315	108	20.0	9.0	01...	1515	408	--	21.0
JAN 1957					JUL				
15...	1345	271	-11.0	0.0	17...	1605	236	--	23.5
APR					AUG				
02...	1135	398	12.0	8.5	21...	1645	76	--	25.5
MAY					OCT				
14...	1045	214	25.0	21.0	02...	1630	66	--	18.0
JUL					NOV				
25...	1130	60	25.0	25.0	20...	1520	925	--	6.0
SEP									
10...	0930	39	21.5	19.5					

POTOMAC RIVER BASIN  
01611500 CACAPON RIVER NEAR GREAT CACAPON, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
FEB 1963				
07...	1135	173	5.5	1.5
MAY				
06...	1645	265	26.0	19.0
OCT				
22...	1120	42	15.0	14.0
SEP 1964				
16...	1525	34	26.0	20.0
OCT				
28...	1440	127	21.5	13.5
DEC				
09...	1905	436	-5.5	0.0
JAN 1965				
27...	0800	2460	-4.5	0.0
MAR				
04...	1150	642	8.0	1.5
APR				
15...	1510	800	16.5	13.0
JUN				
02...	1030	136	29.0	21.5
JUL				
07...	1100	59	29.0	22.0
SEP				
23...	1015	49	27.5	24.5
NOV				
05...	1135	45	7.0	9.0
DEC				
14...	1145	60	8.5	6.0
FEB 1966				
03...	1545	58	-2.0	0.0
MAR				
15...	1230	239	9.0	10.0
MAY				
05...	0755	1290	9.0	10.5
JUN				
07...	1555	194	--	23.0
JUL				
12...	1540	54	--	28.0
AUG				
16...	1130	49	--	25.5
SEP				
21...	1210	570	14.5	16.0
NOV				
01...	1545	92	--	11.0
MAR 1967				
29...	1015	835	--	9.5
MAY				
09...	1625	2660	--	10.5
AUG				
29...	1520	1350	--	20.5
OCT				
11...	1530	144	11.0	14.0
NOV				
14...	1435	172	6.5	5.5
DEC				
19...	1515	761	11.0	7.0
FEB 1968				
07...	0800	1240	-8.0	0.0
MAR				
13...	0730	1480	-5.5	0.0
APR				
23...	1425	284	18.5	17.0
JUN				
05...	1130	906	21.0	16.0

POTOMAC RIVER BASIN  
01611500 CACAPON RIVER NEAR GREAT CACAPON, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1968						
17...	1000	67	--	--	27.0	25.5
AUG						
27...	1650	52	--	--	21.0	24.0
OCT						
08...	1535	57	--	--	19.0	15.5
JAN 1969						
08...	1435	112	--	--	0.5	1.0
FEB						
17...	1530	165	--	--	5.0	1.5
APR						
02...	1645	314	--	--	18.5	8.0
MAY						
06...	1845	174	115	7.00	26.5	22.0
JUN						
17...	1645	76	250	8.00	25.0	24.5
SEP						
03...	1000	53	155	8.00	24.0	24.0
OCT						
07...	1230	96	180	8.00	23.5	16.5
NOV						
18...	1615	117	175	7.00	17.0	7.5
JAN 1970						
07...	1500	555	115	7.00	-5.0	0.0
FEB						
18...	1205	534	100	7.80	10.0	1.0
MAY						
12...	1705	312	130	8.00	27.0	22.0
JUN						
30...	1800	205	135	8.00	27.0	25.0
AUG						
04...	1640	229	105	7.00	32.0	27.0
SEP						
16...	1355	60	--	--	30.0	25.0
OCT						
27...	1555	83	160	8.00	18.0	14.0
DEC						
08...	1645	138	160	7.00	6.0	2.0
JAN 1971						
19...	1700	826	100	6.80	-1.0	0.0
APR						
13...	1845	1060	100	5.50	26.0	13.5
JUN						
02...	1830	1920	90	7.00	21.0	17.0
JUL						
07...	1820	126	145	8.00	34.0	34.0
AUG						
17...	1745	239	130	8.50	29.0	26.0
SEP						
28...	1650	329	145	8.00	26.5	20.0
NOV						
09...	1710	370	120	7.60	8.0	6.0
JAN 1972						
18...	1605	364	105	7.00	16.0	2.5
APR						
12...	1145	1010	115	7.00	19.0	12.0
MAY						
30...	1215	544	120	7.00	35.5	20.0
JUN						
26...	1645	2730	100	7.40	19.0	15.0
JUL						
26...	1130	254	150	8.00	26.0	26.0
SEP						
14...	1045	98	160	7.80	20.0	19.0

**POTOMAC RIVER BASIN**  
**01611500 CACAPON RIVER NEAR GREAT CACAPON, WV--Continued**

**WATER QUALITY DATA**

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
OCT 1972							
11...	1810	475	115	6.80	17.0	13.0	--
NOV							
08...	1620	433	130	7.00	0.0	9.5	--
JAN 1973							
10...	1220	676	--	--	5.0	10.0	--
FEB							
07...	1340	1590	90	6.80	11.0	4.0	--
MAR							
07...	1525	813	120	7.00	8.0	7.0	--
APR							
04...	1325	1890	85	6.80	8.5	9.0	--
MAY							
02...	1155	1590	105	7.00	20.0	14.5	--
JUN							
07...	1410	897	90	7.00	23.5	18.0	--
JUL							
02...	1605	336	138	8.00	32.0	28.0	--
SEP							
05...	1505	160	145	8.00	31.0	29.0	--
OCT							
10...	1330	169	155	7.70	24.0	19.0	--
DEC							
06...	1145	209	165	7.00	11.0	8.5	--
JAN 1974							
09...	1330	759	120	7.00	0.0	2.0	--
FEB							
14...	1200	616	--	7.20	4.0	3.5	--
MAR							
20...	1130	404	120	7.20	9.0	7.0	--
APR							
17...	1205	865	--	--	--	12.5	--
MAY							
21...	1805	446	125	7.70	31.0	21.0	--
JUN							
18...	1230	422	145	7.60	28.0	21.0	--
JUL							
24...	1000	100	195	7.70	25.0	22.0	1.9
AUG							
20...	1600	139	200	8.20	32.0	25.0	--
SEP							
24...	1500	82	--	8.00	18.0	18.0	2.1
OCT							
22...	1530	106	245	7.80	28.0	12.0	3.1
NOV							
19...	1430	115	230	7.50	11.0	5.5	--
DEC							
17...	1500	2880	140	6.70	6.0	4.0	4.4
JAN 1975							
22...	1545	643	130	6.50	5.0	1.0	9.4
FEB							
19...	1500	1590	125	6.50	7.0	4.5	8.6
MAR							
18...	1410	2360	150	6.50	13.0	6.5	7.9
APR							
22...	1230	312	215	7.00	12.5	11.0	7.3
MAY							
20...	1430	1130	--	7.30	33.0	19.0	4.0
JUN							
24...	1350	147	160	8.00	29.0	31.0	--
JUL							
22...	1500	885	145	7.00	37.0	25.0	7.9
AUG							
19...	1410	315	95	7.00	30.5	25.0	7.7
SEP							
24...	1020	4300	--	6.50	16.0	15.0	--

# POTOMAC RIVER BASIN

01614000 BACK CREEK NEAR JONES SPRINGS, WV

LOCATION.--Lat 39°30'43", long 78°02'15", Berkeley County, on left bank at downstream side of highway bridge, 1.3 mi southeast of Tomahawk 3.5 mi northeast of village of Jones Springs, 9.0 mi upstream from Tilhance Creek, and at mile 11.6.

DRAINAGE AREA.--243 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--July 1928 to September 1931, published as near Hedgesville; August 1938 to September 1975.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					AUG 1948				
20...	1115	43	23.5	23.5	11...	1240	14	31.0	23.0
AUG					NOV				
09...	1315	110	23.5	23.5	02...	1415	47	10.5	10.5
SEP					DEC				
20...	1920	748	21.5	18.0	18...	0925	1120	-1.0	5.0
DEC					JAN 1949				
05...	1630	1380	5.0	3.5	04...	1615	358	5.0	2.5
FEB 1946					MAR				
14...	0950	386	13.0	4.5	15...	1145	110	--	4.5
26...	1600	370	4.5	3.0	APR				
MAR					12...	1155	144	19.0	10.5
27...	1150	224	21.0	11.0	MAY				
MAY					11...	1315	635	11.5	14.0
15...	1705	247	20.5	16.5	SEP				
JUN					13...	1525	33	20.5	19.0
12...	1700	75	28.5	24.0	OCT				
JUL					18...	1745	22	13.5	14.0
19...	0820	20	24.0	22.0	NOV				
AUG					10...	0745	59	0.5	8.0
20...	1015	20	22.0	21.5	DEC				
SEP					06...	1140	87	16.0	3.0
19...	1000	7.6	17.5	16.5	APR 1950				
OCT					11...	1145	92	12.0	8.0
03...	1730	15	16.5	15.0	JUN				
10...	1045	13	12.0	14.0	07...	1840	167	25.5	20.0
NOV					AUG				
14...	1230	26	11.5	6.5	15...	1245	12	23.0	20.5
DEC					SEP				
11...	1615	17	6.0	6.5	19...	1245	64	20.0	17.0
JAN 1947					OCT				
08...	1420	177	5.0	1.5	24...	1610	136	13.0	12.0
FEB					NOV				
19...	1445	47	0.0	1.0	14...	1310	79	10.0	4.0
MAR					JAN 1951				
20...	1055	179	4.0	3.0	17...	1000	523	-6.0	1.0
APR					MAR				
18...	0830	78	8.5	10.0	20...	1220	1230	5.5	4.0
MAY					MAY				
27...	0820	70	20.0	20.0	22...	1215	102	26.5	19.5
JUL					JUN				
23...	0915	52	18.0	19.0	19...	1450	191	26.5	20.0
AUG					JUL				
20...	1600	110	29.0	25.5	24...	1355	34	23.5	24.5
SEP					AUG				
11...	1535	40	28.0	26.0	21...	1315	13	26.0	23.0
OCT					SEP				
22...	0850	14	9.0	11.0	26...	0850	8.5	15.0	16.5
DEC					OCT				
09...	1600	39	0.0	2.5	23...	1230	11	18.0	14.5
JAN 1948					DEC				
14...	1505	116	-2.0	0.5	06...	1225	296	16.5	5.5
FEB					JAN 1952				
11...	1110	27	-6.0	0.0	15...	1215	231	12.0	5.5
MAR					JUL				
10...	1630	500	12.0	5.5	02...	1445	44	28.5	19.5
MAY					AUG				
13...	0830	236	19.0	17.0	05...	1215	16	29.0	25.0
JUN									
23...	1215	52	23.0	19.0					

POTOMAC RIVER BASIN

01614000 BACK CREEK NEAR JONES SPRINGS, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLDW, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLDW, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1952					JUL 1957				
24...	1515	24	--	16.0	09...	1050	16	26.0	23.5
NOV					AUG				
05...	1420	17	18.0	9.0	06...	1310	7.2	28.0	--
JAN 1953					SEP				
27...	1350	490	13.0	4.5	10...	1330	5.2	22.0	20.0
MAR					OCT				
10...	1145	258	10.0	5.5	08...	0830	161	18.5	19.0
APR					NOV				
28...	1500	167	18.5	13.5	05...	1535	15	12.0	11.0
JUN					JAN 1958				
02...	0910	674	15.5	12.0	07...	1630	45	2.5	--
JUL					JUN				
21...	1500	13	38.0	26.5	11...	0835	35	21.0	23.0
AUG					JUL				
18...	1315	135	30.0	25.5	15...	1620	19	32.5	26.5
SEP					SEP				
15...	1245	24	25.0	24.0	24...	0850	18	14.5	17.0
OCT					NOV				
15...	1620	9.4	--	13.0	05...	1300	34	24.5	11.0
NOV					DEC				
24...	0845	115	7.5	8.5	16...	1240	12	-4.0	1.0
DEC					JAN 1959				
22...	1145	45	14.0	1.0	21...	1235	23	7.5	2.0
JAN 1954					APR				
21...	1025	59	3.5	0.0	15...	1430	834	18.5	7.5
MAR					JUL				
18...	0940	194	1.0	3.5	07...	1250	14	29.5	21.0
MAY					AUG				
25...	1235	78	23.5	17.0	18...	1325	16	31.0	28.0
JUN					OCT				
23...	1240	15	28.0	24.0	06...	1330	14	29.0	24.5
AUG					DEC				
17...	1005	165	20.5	23.0	29...	1335	130	6.5	4.5
SEP					FEB 1960				
22...	0810	20	15.0	17.0	11...	1055	206	10.5	7.0
OCT					MAR				
12...	1235	6.5	24.5	18.0	30...	1315	1690	16.5	4.0
DEC					MAY				
07...	1000	39	-3.5	0.0	03...	1220	58	24.5	12.0
MAR 1955					JUN				
09...	1415	579	23.5	4.0	09...	1525	95	25.0	18.0
APR					SEP				
12...	1040	87	24.5	13.5	08...	1220	15	29.5	25.0
MAY					OCT				
11...	0900	69	15.5	15.5	18...	1405	9.4	24.5	18.5
AUG					DEC				
09...	1530	25	25.5	24.5	06...	1410	20	16.5	3.0
DEC					JAN 1961				
20...	1125	16	-5.5	0.0	18...	1240	187	5.5	1.0
APR 1956					MAR				
17...	1310	163	13.0	10.0	07...	1525	429	25.5	13.0
MAY					APR				
16...	1345	52	20.0	20.0	12...	1400	669	8.5	10.0
JUL					JUN				
10...	0800	55	21.0	23.0	01...	1200	59	22.0	18.0
NOV					JUL				
13...	1515	53	10.5	8.5	12...	1315	20	21.0	21.5
DEC					AUG				
11...	1210	35	5.0	4.0	23...	1425	15	22.0	22.0
JAN 1957					SEP				
15...	1620	118	-1.0	0.0	28...	1350	6.9	22.0	19.0
FEB					NOV				
14...	1620	421	1.0	1.0	30...	1340	26	15.5	5.0
APR					FEB 1962				
02...	1450	101	9.0	8.0	20...	1725	185	--	3.0
MAY									
14...	1315	48	26.5	25.0					

# POTOMAC RIVER BASIN

01614000 BACK CREEK NEAR JONES SPRING, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
APR 1962				
04...	1015	248	--	6.5
MAY				
02...	0910	664	--	14.5
JUN				
07...	1450	84	--	21.5
JUL				
18...	0910	30	--	21.5
AUG				
22...	1230	6.8	--	22.5
OCT				
03...	0930	7.2	--	14.0
NOV				
21...	0930	165	--	5.0
JAN 1963				
03...	1505	43	2.0	1.0
MAY				
07...	0800	66	14.0	12.0
JUN				
18...	0800	41	21.0	18.5
JUL				
31...	0850	9.0	22.5	23.5
OCT				
22...	1530	5.3	16.5	13.5
JAN 1964				
16...	1210	171	4.5	1.0
FEB				
26...	1345	187	5.5	2.0
JUN				
23...	1420	22	31.5	24.0
SEP				
17...	0810	4.8	18.5	15.5
OCT				
28...	1745	22	13.0	10.0
DEC				
10...	0830	108	-5.5	0.0
JAN 1965				
27...	1330	724	1.0	0.0
MAR				
04...	0715	218	3.0	0.0
APR				
16...	0750	288	9.0	9.5
JUN				
02...	1440	28	21.5	28.0
JUL				
07...	1400	9.1	28.0	25.0
AUG				
17...	1425	5.6	--	27.0
SEP				
23...	1300	4.4	29.0	24.5
NOV				
04...	1530	18	22.0	8.5
DEC				
14...	1420	11	8.5	6.0
FEB 1966				
04...	1045	12	-6.5	0.0
MAR				
15...	1530	85	11.5	8.5
MAY				
05...	1245	326	21.5	12.0
JUL				
13...	1630	8.5	--	27.5
AUG				
16...	1435	10	--	25.0

# POTOMAC RIVER BASIN

01614000 BACK CREEK NEAR JONES SPRING, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
NOV 1966						
02...	1230	32	--	--	--	11.0
JAN 1967						
05...	1420	187	--	--	--	1.0
MAR						
29...	1345	262	--	--	--	10.0
JUN						
21...	0830	42	--	--	--	21.0
OCT						
12...	0855	58	--	--	9.5	11.0
NOV						
14...	1735	50	--	--	4.0	5.0
DEC						
20...	1145	183	--	--	7.0	5.0
JAN 1968						
31...	1500	1750	--	--	9.0	3.5
MAR						
13...	1630	1230	--	--	-2.0	0.0
APR						
25...	0830	106	--	--	8.0	9.0
JUN						
06...	0945	151	--	--	16.0	15.5
JUL						
17...	1340	13	--	--	32.5	29.0
AUG						
28...	1530	4.8	--	--	20.5	20.5
OCT						
09...	1010	9.5	--	--	--	12.5
NOV						
20...	1710	223	--	--	2.5	5.5
JAN 1969						
08...	1655	25	--	--	-0.5	0.5
FEB						
17...	1715	72	--	--	4.5	1.5
APR						
02...	1425	98	--	--	18.5	6.5
MAY						
06...	1640	51	160	7.50	26.5	23.0
JUN						
17...	1400	10	200	8.00	24.0	21.5
JUL						
29...	1535	113	200	8.00	30.0	24.0
SEP						
04...	1650	7.5	245	8.00	25.0	23.0
OCT						
08...	1755	14	250	8.00	18.5	17.0
28...	1215	5.6	--	--	10.0	7.0
JAN 1970						
06...	1525	166	160	7.00	2.0	0.0
FEB						
17...	1655	197	130	7.00	5.5	1.5
MAR						
31...	1750	959	110	7.00	13.0	6.0
MAY						
12...	1355	111	160	8.00	25.0	21.0
JUN						
30...	1530	102	145	7.00	33.0	21.5
AUG						
04...	1445	57	195	8.00	28.5	24.0
SEP						
15...	1440	9.9	270	8.00	32.0	24.5
OCT						
27...	1410	15	325	8.00	16.0	13.5
DEC						
08...	1400	66	--	--	12.0	2.5



POTOMAC RIVER BASIN

01614000 BACK CREEK NEAR JONES SPRING, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1971						
19...	1355	223	135	7.00	-9.0	0.0
MAR						
02...	1545	407	125	6.40	5.0	5.0
APR						
13...	1550	269	135	8.00	28.0	13.5
JUN						
02...	1415	491	--	--	22.0	16.0
JUL						
07...	1450	21	--	--	30.0	25.0
AUG						
17...	1440	88	--	--	26.0	24.0
SEP						
28...	1420	112	--	--	24.5	18.0
NOV						
09...	1610	132	--	--	8.5	7.0
DEC						
07...	1430	395	--	--	8.0	4.0
JAN 1972						
18...	1340	178	120	7.00	13.5	10.0
FEB						
29...	1540	1340	--	--	22.0	6.5
APR						
11...	1645	287	65	6.60	18.5	10.5
MAY						
30...	1415	141	160	7.80	27.0	19.5
JUL						
25...	1700	60	--	--	29.0	27.0
SEP						
07...	2000	21	185	7.30	19.5	19.0
OCT						
11...	1450	35	240	7.80	21.0	14.0
DEC						
14...	1245	432	120	6.00	5.0	5.5
JAN 1973						
09...	1640	280	120	6.70	-5.0	0.0
FEB						
06...	1510	526	110	6.70	1.0	4.0
MAR						
06...	1440	418	120	7.00	7.0	8.0
APR						
03...	1510	721	165	6.80	15.0	10.5
MAY						
01...	1400	571	115	7.00	18.0	12.5
30...	1450	714	100	7.00	31.5	17.0
JUL						
02...	1700	56	220	8.00	28.0	25.0
AUG						
03...	0750	28	220	8.00	20.0	24.0
06...	1600	21	--	--	31.0	20.5
SEP						
05...	1235	24	240	8.00	27.0	26.0
OCT						
30...	1555	527	140	6.70	10.0	11.0
DEC						
04...	1500	35	220	7.50	17.0	5.5
JAN 1974						
08...	1515	243	120	7.00	1.5	2.0
FEB						
13...	1545	121	--	7.50	10.0	4.0
MAR						
19...	1655	116	140	7.60	9.5	7.0
MAY						
21...	1500	96	165	7.80	24.0	20.0

# POTOMAC RIVER BASIN

01614000 BACK CREEK NEAR JONES SPRING, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1974						
18...	1020	149	150	7.30	16.0	18.0
JUL						
23...	1730	20	235	7.80	20.0	21.0
AUG						
20...	1305	18	230	8.00	27.0	22.0
SEP						
24...	1115	22	--	8.00	10.0	12.0
OCT						
22...	1250	25	300	7.00	11.0	7.0
NOV						
19...	1105	36	240	7.00	7.0	4.5
DEC						
17...	1130	1170	155	6.50	7.0	4.5
JAN 1975						
22...	1230	299	125	6.50	7.0	2.0
FEB						
19...	1135	828	130	6.50	7.5	4.5
MAR						
18...	1110	1230	135	6.30	6.5	5.5
APR						
22...	0940	88	220	7.00	7.5	10.0
MAY						
20...	1125	315	--	7.00	25.0	17.0
JUN						
24...	1120	42	220	8.00	25.5	23.5
JUL						
22...	1200	546	160	7.00	29.5	22.0
AUG						
19...	1150	42	200	7.50	24.5	19.5
SEP						
23...	1305	1700	--	6.50	24.0	15.5

POTOMAC RIVER BASIN

01616500 OPEQUON CREEK NEAR MARTINSBURG, WV

LOCATION.--Lat 39°25'25", long 77°56'20", Berkeley County, Hydrologic Unit 02070004, on right bank 300 ft upstream from Evans Run, 2.3 mi upstream from Tuscarora Creek, 3.0 mi southeast of Martinsburg, and at mile 11.1.

DRAINAGE AREA.--272 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--May 1905 to July 1906, July 1947 to current year.

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1947					AUG 1950				
23...	1330	116	22.0	19.5	15...	0905	72	20.5	18.0
AUG					NOV				
20...	1225	51	31.0	25.5	14...	1645	110	10.5	6.0
SEP					JAN 1951				
11...	1800	39	24.5	24.5	17...	1555	320	9.0	4.0
16...	1020	36	20.0	21.5	MAR				
OCT					20...	1650	1150	7.0	6.5
22...	1130	28	18.5	15.5	APR				
NOV					24...	1725	334	20.0	14.5
19...	1400	44	6.0	6.5	MAY				
DEC					22...	1440	213	29.0	19.5
10...	0825	32	-8.0	0.5	JUN				
JAN 1948					19...	1920	246	21.5	20.0
14...	1730	119	-6.5	1.0	JUL				
FEB					24...	1835	130	26.5	23.0
11...	1405	29	-4.5	0.0	AUG				
MAR					21...	1725	92	29.0	21.5
11...	0730	230	4.5	6.0	SEP				
18...	0950	119	13.0	9.0	26...	1345	66	20.5	18.0
MAY					OCT				
12...	0950	221	26.0	19.0	23...	1510	55	18.5	15.0
JUN					DEC				
23...	1445	116	29.5	22.0	06...	1545	239	14.5	9.5
JUL					JAN 1952				
22...	1050	75	28.5	23.5	15...	1525	258	17.5	9.0
AUG					FEB				
11...	1440	75	23.5	21.0	26...	1500	192	4.5	6.0
NOV					APR				
03...	0855	98	9.0	10.5	19...	1500	389	16.5	11.0
JAN 1949					JUL				
05...	1210	578	5.0	3.5	03...	0845	139	28.5	23.5
FEB					AUG				
09...	1155	529	13.0	7.0	05...	1525	96	30.5	23.0
MAR					SEP				
15...	1455	218	1.0	6.5	05...	0920	182	23.5	16.5
APR					25...	0920	106	15.0	14.0
12...	1435	167	21.0	13.5	NOV				
MAY					06...	0925	69	15.5	9.0
11...	1730	446	16.5	14.0	JAN 1953				
JUN					28...	0930	452	8.5	2.0
30...	1425	151	22.0	20.0	MAR				
AUG					20...	1550	285	9.5	5.5
18...	1235	359	20.5	19.5	JUN				
SEP					02...	1340	508	29.0	12.0
14...	0940	103	20.5	18.0	JUL				
OCT					22...	0930	96	28.0	24.5
19...	0700	77	9.0	13.0	AUG				
NOV					18...	1615	76	30.5	20.0
09...	1320	90	19.0	11.0	SEP				
DEC					16...	0910	68	22.0	16.0
06...	1400	83	9.5	3.0	OCT				
FEB 1950					16...	1105	57	20.5	11.5
15...	1445	728	8.0	7.0	NOV				
MAR					24...	1315	58	11.5	9.5
22...	1510	449	4.0	6.0	DEC				
APR					22...	1530	66	15.5	4.5
11...	1410	187	16.0	10.0					
JUN									
08...	1010	228	26.0	19.0					

# POTOMAC RIVER BASIN

01616500 OPEQUON CREEK NEAR MARTINSBURG, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1954					AUG 1958				
21...	1510	86	5.5	0.5	20...	1050	110	25.0	18.5
APR					SEP				
29...	1410	178	16.0	16.5	24...	1220	78	22.0	16.5
MAY					NOV				
25...	1505	69	24.5	13.5	05...	1605	67	15.5	10.5
JUN					DEC				
23...	1515	55	24.5	24.5	16...	1535	48	-1.0	1.0
JUL					MAR 1959				
20...	1240	74	--	25.0	03...	1435	66	13.0	4.5
AUG					APR				
17...	1440	47	24.5	23.5	15...	1735	319	13.0	5.5
SEP					JUL				
22...	1330	43	16.5	18.0	07...	1545	103	26.5	21.0
OCT					OCT				
12...	1510	33	26.5	18.0	06...	1630	47	29.5	23.5
DEC					DEC				
07...	1145	66	-0.5	0.0	29...	1645	519	7.0	4.5
JAN 1955					MAR 1960				
11...	1030	118	2.0	1.0	31...	0915	440	12.0	1.5
FEB					MAY				
09...	1700	174	9.0	2.0	03...	1510	158	22.0	10.5
MAR					JUN				
09...	1635	372	25.0	4.0	10...	0840	196	21.0	15.0
MAY					SEP				
11...	1330	102	25.5	16.5	08...	1515	83	28.0	21.5
AUG					OCT				
10...	1100	52	26.5	24.5	19...	0900	53	15.5	14.0
OCT					DEC				
21...	0930	84	14.5	11.5	07...	0810	41	10.5	5.5
DEC					JAN 1961				
20...	1520	59	-4.5	0.5	19...	0900	208	3.0	1.5
FEB 1956					FEB				
15...	1055	333	7.0	4.0	19...	0721	2060	--	1.5
MAR					19...	2015	2160	--	3.5
15...	0910	1530	4.0	6.5	20...	0740	3030	--	1.0
APR					20...	1415	2530	--	3.0
18...	1030	216	11.5	8.0	21...	1655	763	--	4.5
MAY					MAR				
15...	1620	119	17.0	15.5	08...	1100	383	10.0	9.5
JUN					JUN				
13...	0815	79	26.5	21.0	02...	0820	191	23.5	18.0
AUG					JUL				
22...	0810	111	18.5	16.5	13...	0735	106	21.0	20.0
NOV					AUG				
13...	1730	151	5.5	8.0	24...	0720	76	23.5	20.0
DEC					SEP				
11...	1500	96	9.0	8.0	28...	1230	59	23.5	18.0
JAN 1957					DEC				
16...	1150	177	--	0.5	01...	0830	53	-1.0	3.5
FEB					FEB 1962				
15...	0930	365	2.0	1.0	21...	1205	208	--	3.0
APR					APR				
02...	1625	175	9.0	8.0	04...	1430	328	--	9.5
MAY					MAY				
14...	1610	136	26.5	23.0	02...	1320	413	--	15.0
JUL					JUN				
09...	1340	83	26.5	21.5	07...	0915	157	--	18.0
AUG					JUL				
06...	1600	58	26.5	19.5	18...	1310	99	--	20.0
SEP					AUG				
10...	1725	57	20.0	17.5	22...	1630	68	--	22.0
NOV					OCT				
06...	1140	49	4.0	9.5	03...	1305	49	--	14.0
JUN 1958					NOV				
11...	1135	145	30.0	21.5	21...	1325	103	--	5.5
JUL									
16...	1115	122	23.5	23.0					

POTOMAC RIVER BASIN

01616500 OPEQUON CREEK NEAR MARTINSBURG, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1963				
04...	0930	64	-6.5	1.0
FEB				
08...	0850	120	-8.0	1.5
MAY				
07...	1035	129	19.0	16.5
JUN				
18...	1105	97	24.5	18.5
OCT				
08...	1320	36	23.0	16.5
23...	0820	38	14.5	13.5
NOV				
27...	0850	48	2.0	3.5
JAN 1964				
16...	0950	180	-12.0	--
FEB				
26...	1115	236	4.5	3.0
MAY				
20...	0950	174	25.5	19.5
JUN				
23...	1540	98	28.5	24.5
SEP				
17...	1035	48	26.0	20.0
OCT				
29...	0850	50	13.5	10.5
JAN 1965				
28...	0745	322	-5.5	0.0
MAR				
03...	1540	235	6.5	8.0
APR				
16...	1015	307	10.0	9.5
JUN				
02...	1840	113	22.5	20.5
JUL				
07...	1700	70	24.5	23.5
AUG				
18...	0725	54	--	23.5
SEP				
23...	1530	40	29.0	24.0
NOV				
05...	0700	39	1.0	4.0
DEC				
15...	1045	40	5.5	6.5
FEB 1966				
04...	1425	38	-8.0	0.0
MAR				
16...	1215	124	7.5	5.0
MAY				
05...	1655	245	8.0	11.0
JUL				
13...	1440	48	--	26.0
28...	0915	42	23.5	24.0
AUG				
16...	1645	37	--	25.0
OCT				
20...	0955	222	--	9.5
NOV				
02...	1515	74	--	13.0
MAY 1967				
10...	1350	203	--	13.0
JUN				
21...	1000	83	--	21.0
AUG				
30...	1405	188	--	20.0

# POTOMAC RIVER BASIN

01616500 OPEQUON CREEK NEAR MARTINSBURG, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1967						
12...	1250	103	--	--	13.5	12.0
NOV						
15...	1020	111	--	--	0.5	0.0
DEC						
20...	0945	230	--	--	-1.0	0.0
JAN 1968						
31...	1240	866	--	--	6.5	6.5
MAR						
14...	1115	493	--	--	0.0	0.0
APR						
24...	0950	157	--	--	11.5	14.0
JUN						
06...	1530	205	--	--	30.5	16.5
JUL						
17...	1645	98	--	--	31.5	25.0
AUG						
28...	0915	65	--	--	15.0	12.0
OCT						
09...	1500	56	--	--	--	13.5
NOV						
20...	1045	256	--	--	4.0	5.5
JAN 1969						
09...	1405	72	--	--	5.0	1.0
FEB						
18...	1220	91	--	--	3.5	1.0
APR						
02...	1150	101	--	--	18.0	8.0
MAY						
06...	1350	82	575	7.00	23.0	16.5
JUN						
18...	1440	52	580	8.00	23.0	16.0
JUL						
29...	1205	255	500	7.00	28.0	24.0
SEP						
04...	1215	91	600	8.00	27.0	22.0
OCT						
08...	1340	50	670	8.00	25.0	17.0
NOV						
18...	1220	40	650	9.00	25.0	6.5
JAN 1970						
06...	1145	152	400	7.00	7.0	2.0
FEB						
17...	1300	235	525	7.00	5.0	2.5
MAR						
31...	1245	647	360	8.00	5.0	6.5
MAY						
12...	1045	216	550	7.00	23.0	18.0
JUN						
30...	1355	184	530	8.00	36.0	19.5
AUG						
04...	0950	121	550	8.00	20.0	21.0
SEP						
15...	1210	74	585	8.00	31.0	21.0
OCT						
27...	1150	60	--	--	17.5	14.5
DEC						
08...	1120	147	565	8.00	3.0	3.0
MAR 1971						
02...	1105	465	500	8.20	9.0	4.0
APR						
13...	1055	265	580	7.80	22.0	13.0
JUN						
02...	1020	476	465	8.00	20.0	16.0

POTOMAC RIVER BASIN

01616500 OPEQUON CREEK NEAR MARTINSBURG, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1971						
07...	1050	136	520	8.40	28.0	21.5
SEP						
28...	1115	172	570	8.00	27.0	17.0
NOV						
09...	1255	187	540	8.00	7.0	6.5
DEC						
07...	1040	337	--	--	8.0	3.0
JAN 1972						
18...	1020	172	440	8.00	0.5	5.5
FEB						
29...	0935	1070	--	8.00	20.0	6.0
APR						
11...	1215	310	470	8.00	25.0	11.5
MAY						
23...	1200	582	--	--	36.5	16.5
JUN						
26...	1010	926	500	7.80	20.0	12.0
JUL						
25...	1245	235	520	8.00	28.5	22.5
SEP						
07...	1330	115	460	8.00	23.0	20.0
OCT						
11...	1053	107	--	--	10.5	9.5
NOV						
03...	1030	204	--	--	11.0	10.0
DEC						
13...	1550	485	--	--	7.0	7.5
JAN 1973						
09...	1110	333	500	--	3.0	0.0
FEB						
14...	1140	402	--	--	1.0	3.0
MAR						
06...	0950	457	420	8.00	9.0	9.0
APR						
03...	1155	653	320	7.60	11.0	10.5
MAY						
09...	1210	363	520	8.00	22.0	15.5
JUN						
07...	1110	455	410	8.00	24.0	16.5
JUL						
03...	1140	179	530	8.00	31.0	21.5
AUG						
03...	1200	151	510	7.50	24.0	20.5
SEP						
04...	0920	117	530	8.00	26.0	22.0
OCT						
30...	1015	682	320	7.20	10.0	12.0
DEC						
04...	1100	95	600	8.00	14.0	5.0
JAN 1974						
07...	1700	373	440	7.90	4.0	5.5
FEB						
12...	1535	215	--	8.10	4.0	5.0
MAR						
18...	1415	163	500	8.00	11.5	7.0
MAY						
20...	1810	173	520	8.10	24.0	19.0
JUN						
17...	1615	175	385	8.10	28.0	20.0
JUL						
23...	1130	84	590	8.30	20.0	19.0
AUG						
19...	1630	91	460	8.00	23.0	21.0

POTOMAC RIVER BASIN

01616500 OPEQUON CREEK NEAR MARTINSBURG, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CDN- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1974						
23...	1715	77	--	8.50	16.0	15.0
25...	1330	69	520	8.00	--	11.0
OCT						
21...	1635	64	640	8.00	11.0	8.0
NOV						
18...	1640	66	225	8.00	10.0	5.5
DEC						
16...	1645	1070	390	7.30	9.5	6.0
FEB 1975						
18...	1600	380	485	8.00	8.0	6.0
MAR						
17...	1600	925	365	7.10	16.0	8.5
APR						
21...	1500	205	580	8.00	19.5	13.5
JUN						
23...	1625	177	520	8.30	30.0	22.5
AUG						
18...	1620	157	350	8.00	31.0	22.0
SEP						
22...	1700	149	--	8.00	21.0	17.0



# POTOMAC RIVER BASIN

01617000 TUSCARORA CREEK ABOVE MARTINSBURG, WV

LOCATION.--Lat 39°28'10", long 77°58'18", Berkeley County, Hydrologic Unit 02070004, on left bank at Martinsburg, 20 ft upstream from culvert on Secondary State Route 10, and at mile 3.7.

DRAINAGE AREA.--11.3 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1948 to September 1963, October 1967 to September 1977.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLDW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1963						
22...	1620	1.5	--	--	14.0	14.5
NOV						
27...	1015	1.8	--	--	9.5	3.5
AUG 1967						
03...	1500	4.4	--	--	--	23.0
30...	1130	11	--	--	--	17.5
OCT						
12...	1555	3.7	--	--	13.0	12.5
NOV						
05...	1425	3.8	--	--	0.5	6.0
DEC						
20...	1400	12	--	--	5.5	3.0
FEB 1968						
01...	1630	27	--	--	4.5	6.0
MAR						
14...	0920	15	--	--	-5.0	0.0
APR						
25...	1110	12	--	--	9.0	12.5
JUN						
06...	1745	10	--	--	30.5	19.0
JUL						
18...	0820	4.4	--	--	25.5	19.5
AUG						
28...	1730	2.5	--	--	23.0	22.5
SEP						
09...	1230	2.5	--	--	--	13.5
NOV						
20...	1420	4.0	--	--	4.0	5.0
JUN 1969						
18...	1620	1.5	520	9.00	18.0	24.5
SEP						
04...	1505	2.1	505	8.00	27.0	23.0
OCT						
08...	1520	1.3	520	8.00	24.0	19.0
NOV						
18...	1335	1.2	520	8.00	17.0	--
FEB 1970						
17...	1525	8.3	485	7.00	9.0	7.0
MAR						
31...	1555	29	360	8.00	12.0	9.0
MAY						
12...	1450	14	540	7.00	--	16.0
AUG						
04...	1230	8.7	570	8.00	25.0	15.5
SEP						
15...	1325	3.5	505	8.00	31.0	20.0
DEC						
08...	1220	5.8	530	8.00	5.0	4.5
JAN 1971						
19...	1125	15	--	--	-4.5	3.0
MAR						
02...	1320	33	495	6.60	7.0	7.5
APR						
13...	1345	17	510	8.00	32.0	15.5

POTOMAC RIVER BASIN

01617000 TUSCARORA CREEK ABOVE MARTINSBURG, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1971						
07...	1225	8.5	--	--	31.0	18.0
SEP						
28...	1215	9.4	--	--	26.5	17.0
NOV						
09...	1455	14	--	--	7.5	10.0
DEC						
07...	1630	28	--	--	8.0	8.0
JAN 1972						
18...	1220	14	--	--	12.0	7.0
FEB						
29...	1210	50	--	--	23.0	10.0
APR						
11...	1430	18	--	--	23.0	14.0
MAY						
23...	1415	35	--	--	33.0	16.5
JUN						
26...	1200	59	--	--	20.0	15.0
JUL						
25...	1530	20	--	--	32.0	19.5
SEP						
07...	1450	10	500	8.00	21.0	20.0
OCT						
11...	1340	6.7	--	--	14.0	12.0
NOV						
08...	1240	14	--	--	9.5	10.5
DEC						
14...	1035	26	--	--	3.0	7.0
JAN 1973						
09...	1405	21	--	--	-3.0	5.0
FEB						
06...	1235	27	460	7.60	4.0	8.0
MAR						
06...	1235	25	--	--	5.0	8.5
APR						
03...	1305	22	430	7.70	12.5	10.5
MAY						
30...	1202	26	450	7.80	23.5	14.5
AUG						
03...	1045	7.2	560	7.00	21.0	16.5
SEP						
05...	1125	5.7	560	8.00	27.0	20.0
OCT						
10...	1115	4.6	545	8.00	23.0	10.0
30...	1400	18	500	7.80	12.0	11.5
DEC						
04...	1250	5.1	530	8.00	18.0	11.0
JAN 1974						
08...	1240	17	520	7.80	-1.0	6.0
FEB						
13...	1245	14	--	--	11.5	7.5
MAR						
19...	1040	9.0	520	7.90	6.5	7.5
MAY						
21...	1215	12	510	8.00	23.5	15.0
JUN						
17...	1835	8.9	490	8.10	19.5	17.5
JUL						
23...	0930	4.8	540	8.00	19.0	16.0
AUG						
20...	1115	4.0	560	8.30	28.0	18.0
SEP						
24...	0930	3.1	--	8.00	10.0	10.0
OCT						
22...	1100	2.5	600	8.00	8.0	6.0

# POTOMAC RIVER BASIN

01617000 TUSCARORA CREEK ABOVE MARTINSBURG, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
NOV 1974						
19...	1000	3.2	640	8.00	6.0	5.0
DEC						
17...	0900	22	460	7.70	2.5	6.0
JAN 1975						
22...	1045	12	520	8.00	3.0	4.0
FEB						
19...	0925	23	450	7.50	7.5	6.5
MAR						
17...	1715	30	400	8.00	16.0	10.5
APR						
21...	1725	14	575	8.00	16.5	14.0
MAY						
20...	0935	18	--	8.00	23.0	14.0
JUN						
24...	0935	12	520	7.90	27.0	16.0
JUL						
22...	0830	14	540	7.50	23.0	16.0
AUG						
19...	1000	8.6	465	8.00	25.5	16.0
SEP						
23...	0945	76	--	7.50	17.5	15.0

# POTOMAC RIVER BASIN

01636500 SHENANDOAH RIVER AT MILLVILLE, WV  
(National stream-quality accounting network station)

LOCATION.--Lat 39°16'55", long 77°47'22", Jefferson County, Hydrologic Unit  
02070007, on left bank 0.4 mi downstream from Cattail Run, 1.0 mi upstream  
from Millville, 5.0 mi upstream from Harpers Ferry, and at mile 5.0.

DRAINAGE AREA.--3,040 mi<sup>2</sup>.

PERIOD OF STREAMFLOW OF RECORD.--April 1895 to March 1909, August 1928 to current  
year.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1945					JAN 1951				
31...	1045	1230	21.5	14.5	09...	1150	1990	-4.0	2.0
JAN 1946					FEB				
06...	1100	3970	6.5	1.0	15...	1035	4870	1.5	5.5
29...	1045	2050	0.0	0.5	MAR				
FEB					08...	1100	2560	12.0	6.0
27...	1045	4220	18.5	6.5	JUL				
APR					06...	0900	1240	22.0	21.0
05...	1125	3740	5.0	11.0	OCT				
MAY					02...	1535	501	26.5	21.5
02...	1215	2180	20.5	17.0	23...	1000	439	15.0	19.5
JUN					DEC				
05...	0900	5040	15.0	18.5	07...	1045	2350	17.0	8.5
26...	0900	1240	23.5	25.5	FEB 1952				
SEP					13...	1245	3330	6.5	6.0
03...	1005	773	18.5	19.5	APR				
DCT					08...	1215	5490	9.5	10.0
31...	1030	755	--	16.0	JUL				
FEB 1947					02...	1400	2210	23.5	25.5
18...	1020	1020	4.0	2.0	DEC				
APR					09...	1615	1930	5.0	5.5
01...	1215	2070	11.0	9.5	MAR 1953				
29...	0700	1290	4.0	14.0	11...	1100	3260	5.5	6.0
JUL					FEB 1955				
08...	1610	753	24.5	27.0	14...	1235	3270	-1.5	0.5
SEP					APR				
09...	1115	795	26.0	25.5	05...	1100	2310	11.0	13.0
DEC					NOV				
02...	0945	1220	2.0	1.0	09...	1330	869	11.0	9.0
MAR 1948					MAR 1956				
03...	1600	2340	8.0	5.0	06...	1200	1410	10.0	9.5
SEP					MAY				
01...	1525	1520	19.5	25.0	08...	1030	1420	15.5	19.0
OCT					JUL				
21...	1450	2950	11.5	11.0	12...	1100	764	25.0	26.0
DEC					JAN 1957				
07...	1220	11100	4.0	8.0	09...	1135	1150	3.0	4.0
JAN 1949					JUN				
09...	1400	9370	10.0	5.5	04...	1430	1040	24.0	23.0
MAR					AUG				
03...	1145	3150	3.5	5.5	15...	1015	456	24.5	26.5
APR					SEP				
09...	1545	4020	12.5	11.5	20...	1220	619	23.5	24.5
JUN					NOV				
03...	1020	1960	18.5	21.0	20...	1035	1270	8.5	10.5
AUG					FEB 1959				
05...	1720	1940	29.5	28.0	10...	1630	888	15.5	3.0
FEB 1950					OCT 1960				
08...	1240	4340	0.0	5.0	20...	1535	641	12.5	17.0
MAR					JAN 1961				
03...	1130	1790	-3.0	1.0	12...	1100	699	5.5	3.0
MAY					AUG				
08...	1105	3290	12.0	17.0	17...	1045	610	25.0	26.0
AUG					JAN 1962				
16...	1145	724	27.0	26.0	24...	0930	2220	2.5	3.5
OCT					JUL				
05...	1605	1450	15.5	16.5	23...	1210	808	23.0	20.5
DEC					AUG				
13...	1600	5750	1.5	3.0	29...	1810	564	29.0	21.0

POTOMAC RIVER BASIN

01636500 SHENANDOAH RIVER AT MILLVILLE, WV--Continued  
(National stream-quality accounting network station)

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
NOV 1962						
30...	1420	1280	--	--	13.5	9.0
APR 1963						
15...	1535	1920	--	--	14.5	11.0
AUG						
20...	1355	445	--	--	29.0	24.5
FEB 1964						
25...	1050	2590	--	--	-1.5	3.0
JUL						
17...	1135	732	--	--	29.5	23.5
SEP						
02...	1000	361	--	--	21.0	16.0
NOV 1965						
04...	0925	408	--	--	22.0	11.5
SEP 1966						
13...	1400	220	--	--	--	21.5
JUL 1968						
18...	1340	778	--	--	31.0	28.0
AUG						
29...	0845	421	--	--	13.0	16.5
MAY 1969						
05...	--	1030	400	7.20	--	23.0
JUL						
23...	--	987	370	8.00	--	24.0
AUG						
23...	1640	5870	220	7.40	27.0	22.0
SEP						
04...	--	1230	350	8.00	--	--
DCT						
08...	--	1480	450	8.00	--	--
NOV						
18...	--	1190	390	8.00	--	7.5
JAN 1970						
06...	--	4350	230	7.00	--	2.0
FEB						
17...	--	3230	320	7.00	--	2.0
MAR						
31...	--	5240	280	8.00	--	7.0
MAY						
12...	--	2070	335	7.00	--	20.0
JUN						
30...	--	1280	370	9.00	--	23.0
AUG						
04...	--	1470	370	8.00	--	25.0
SEP						
15...	--	667	500	8.00	--	--
22...	1320	554	495	9.00	31.0	26.0
OCT						
27...	--	683	610	8.00	--	14.5
DEC						
08...	--	1230	420	8.00	--	3.0
JAN 1971						
19...	--	3600	260	8.00	--	0.0
FEB						
23...	--	8790	265	7.00	--	7.0
APR						
13...	--	5350	280	8.00	--	13.0
OCT 1972						
31...	1615	3390	--	--	--	--
NOV						
01...	1130	3020	--	--	--	--
01...	1400	2900	--	--	--	--
29...	1230	10200	--	--	1.0	--

# POTOMAC RIVER BASIN

01636500 SHENANDOAH RIVER AT MILLVILLE, WV--Continued  
(National stream-quality accounting network station)

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
DEC 1972						
12...	1845	9060	--	--	--	--
13...	1200	8150	--	--	12.0	7.5
JAN 1973						
09...	1500	4190	--	--	2.0	2.0
09...	1700	4080	--	--	-3.0	2.0
OCT						
18...	1645	794	560	8.00	--	13.5
JUL 1974						
22...	1530	690	460	8.70	26.0	25.0
SEP						
25...	1730	790	465	9.00	--	17.0
NOV						
18...	1530	677	610	8.00	15.5	8.0

## OHIO RIVER BASIN

## MONONGAHELA RIVER BASIN

03050000 TYGART VALLEY RIVER NEAR DAILEY, WV

LOCATION.--Lat 38°48'35", long 79°52'55", Randolph County, Hydrologic Unit 05020001, on right bank 50 ft downstream from highway bridge, 1,000 ft upstream from Stalnaker Run, 1.0 mi northeast of Dailey, 2.5 mi south of Beverly, and at mile 95.7.

DRAINAGE AREA.--187 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--April 1915 to September 1975, October 1975 to October 1976 (gage heights only). Prior to October 1960, published as Tygart River near Dailey.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					JAN 1948				
23...	1015	242	23.5	20.0	16...	1010	223	1.5	0.0
AUG					FEB				
17...	1030	248	24.0	22.0	09...	1440	229	-2.0	0.0
SEP					MAR				
27...	1115	84	26.0	20.5	12...	1030	313	-4.0	3.5
OCT					APR				
23...	1645	22	18.0	15.0	01...	1005	344	15.5	8.0
NOV					MAY				
30...	0930	488	-1.5	3.0	11...	1030	365	23.5	16.0
DEC					JUN				
19...	1545	135	-2.0	0.0	15...	1050	220	23.5	19.5
JAN 1946					JUL				
10...	1010	745	4.5	8.5	01...	1520	48	19.5	26.0
FEB					AUG				
27...	1645	454	8.0	6.0	02...	1440	373	21.0	18.0
MAR					SEP				
13...	1530	310	19.0	8.5	15...	1110	63	21.0	18.0
APR					OCT				
11...	1500	95	15.5	13.0	20...	1425	144	10.0	8.5
JUN					NOV				
06...	1010	158	20.0	15.0	17...	1015	175	10.0	4.5
JUL					JAN 1949				
05...	0900	68	20.5	20.0	12...	1410	498	3.0	5.0
28...	1330	12	27.0	26.0	27...	1000	2960	8.5	9.0
AUG					FEB				
29...	0935	5.2	19.5	20.0	18...	1510	864	4.5	5.0
SEP					MAR				
13...	1700	1.5	21.0	23.0	21...	1455	473	22.0	7.0
26...	1645	0.80	23.5	21.0	APR				
OCT					20...	1435	392	18.0	8.0
23...	1100	10	23.0	11.5	MAY				
NOV					07...	1435	110	24.0	22.0
26...	1330	29	21.0	20.0	JUN				
DEC					23...	1515	32	27.0	29.0
06...	1445	23	16.0	1.5	JUL				
JAN 1947					15...	0955	266	21.0	20.0
14...	1520	123	16.5	6.0	AUG				
FEB					23...	1055	64	25.5	21.0
11...	1445	98	1.0	0.0	SEP				
MAR					21...	1520	56	20.5	18.5
07...	1600	182	3.5	0.0	OCT				
APR					21...	1430	35	22.0	15.0
08...	1710	321	17.5	11.0	DEC				
MAY					15...	1615	635	0.5	3.5
01...	1635	216	22.0	19.5	APR 1950				
JUN					19...	0955	164	19.0	10.0
05...	0950	90	28.5	19.5	JUL				
JUL					31...	1000	107	21.5	21.0
08...	1025	32	17.5	22.0	AUG				
AUG					17...	1055	82	24.5	22.0
01...	1015	136	19.0	21.0	23...	1545	54	28.0	24.5
SEP					SEP				
14...	1500	39	27.0	25.0	26...	1635	154	18.0	14.0
OCT					OCT				
17...	1545	6.0	20.0	19.0	18...	1445	89	21.5	14.5
NOV					NOV				
13...	1525	187	5.5	7.5	29...	1010	229	-5.5	1.0
DEC									
18...	1555	145	5.0	1.5					

## MONONGAHELA RIVER BASIN

03050000 TYGART VALLEY RIVER NEAR DAILEY, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1951					AUG 1955				
18...	1430	751	14.5	4.5	12...	1555	8.0	24.5	20.0
FEB					SEP				
12...	1005	284	8.0	1.0	21...	1000	0.58	20.5	18.0
APR					OCT				
19...	1045	284	9.5	8.5	26...	1110	250	13.5	9.0
MAY					NOV				
16...	0955	281	19.5	15.5	09...	1450	12	9.0	6.0
JUN					JUL 1956				
20...	0955	120	21.5	19.0	03...	1630	84	28.5	26.0
JUL					AUG				
18...	0940	31	25.5	24.5	22...	1440	247	24.5	18.5
AUG					OCT				
10...	1005	11	26.5	25.0	29...	1340	187	23.5	14.0
OCT					NOV				
16...	1055	4.1	25.5	22.5	15...	1315	51	26.5	10.0
NOV					JAN 1957				
21...	1605	47	15.0	1.0	18...	1210	105	-6.5	0.0
JAN 1952					MAR				
11...	1630	402	3.5	1.0	26...	1545	180	15.0	8.5
FEB					MAY				
12...	1500	272	16.5	4.5	08...	0755	82	11.5	13.0
APR					AUG				
08...	1530	467	7.5	2.5	01...	1030	30	31.0	24.0
JUN					SEP				
27...	0915	48	26.5	24.0	05...	1245	1.8	30.0	29.5
JUL					NOV				
29...	0925	5.6	26.5	25.5	07...	1400	51	19.5	4.5
SEP					DEC				
30...	1030	4.6	24.5	18.5	10...	0830	955	1.0	0.5
NOV					JAN 1958				
05...	1515	2.0	14.0	8.5	10...	1050	63	-3.0	0.0
DEC					FEB				
22...	1050	180	5.0	4.5	06...	1540	230	8.5	1.0
JAN 1953					MAR				
27...	1555	420	13.5	4.0	18...	1200	138	3.0	0.5
MAR					APR				
12...	1105	360	13.0	6.0	14...	1200	688	10.0	--
APR					MAY				
30...	1055	292	20.0	11.0	12...	1500	360	22.0	--
JUN					JUN				
11...	1045	175	17.0	21.0	10...	1430	474	30.0	--
JUL					JUL				
17...	1020	16	24.5	26.0	17...	1400	70	26.5	--
AUG					AUG				
26...	1045	2.9	26.0	25.0	25...	1400	765	21.0	--
SEP					OCT				
24...	1020	0.09	13.0	15.5	14...	1320	10	25.5	--
NOV					FEB 1959				
09...	1415	0.56	10.0	8.5	27...	1450	306	10.0	--
DEC					MAY				
11...	1025	98	-5.5	2.0	28...	1100	120	21.5	18.0
FEB 1954					JUN				
08...	1135	61	-4.0	0.0	18...	1200	40	17.5	18.0
APR					JUL				
01...	1025	401	4.5	8.5	17...	1510	11	28.5	23.5
MAY					AUG				
25...	1010	83	20.5	15.0	14...	1150	16	27.0	25.0
JUL					SEP				
30...	0915	43	26.5	23.0	24...	1130	0.33	21.5	21.0
SEP					OCT				
16...	1430	24	26.0	21.5	19...	1440	20	15.5	11.5
NOV					APP 1960				
17...	0915	109	8.0	8.0	11...	1300	314	13.0	7.5
APR 1955					MAY				
21...	1225	114	28.5	12.0	31...	1210	448	21.0	14.5
MAY									
21...	1405	97	29.5	18.5					



# MONONGAHELA RIVER BASIN

03050000 TYGART VALLEY RIVER NEAR DAILEY, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1960					DEC 1964				
23...	0850	24	21.0	20.5	01...	1520	147	-6.5	1.0
JUL					JAN 1965				
12...	1545	28	29.5	25.5	13...	1530	450	0.0	0.0
DCT					FEB				
26...	0905	50	-3.5	4.5	03...	1425	114	-9.5	--
DEC					APR				
05...	1155	80	9.0	2.5	09...	1640	1530	20.0	10.5
13...	1600	63	-6.5	0.5	MAY				
22...	1420	55	-6.5	1.0	21...	1155	194	20.0	18.0
JAN 1961					JUN				
13...	0930	153	-6.5	1.0	30...	0945	6.3	--	23.5
APR					AUG				
25...	1000	491	24.0	17.5	02...	0940	5.3	--	20.5
MAY					18...	0925	1.9	--	24.5
31...	1345	74	28.0	20.0	26...	0845	7.9	--	21.5
SEP					31...	1030	11	--	19.5
07...	1320	18	32.0	29.5	SEP				
DCT					09...	1345	1.2	--	29.0
26...	1620	162	8.0	6.5	OCT				
DEC					15...	1550	30	--	15.0
05...	0855	103	4.0	2.5	DEC				
JAN 1962					21...	1445	54	--	1.0
12...	1040	147	-12.0	1.0	JAN 1966				
MAR					20...	1040	64	-4.0	--
08...	1345	179	7.0	1.0	25...	1050	48	-6.5	0.0
APR					AUG				
17...	1540	535	--	6.0	01...	1000	39	--	20.0
MAY					30...	1000	20	--	20.0
22...	1445	46	--	25.0	NOV				
JUN					07...	1625	156	--	6.5
26...	1510	30	--	24.5	JUN 1967				
AUG					16...	1255	42	--	26.0
06...	1410	10	--	26.5	AUG				
31...	1515	1.7	30.0	25.0	23...	1340	13	--	21.5
SEP					DCT				
12...	1415	3.2	--	25.0	30...	1530	158	--	9.5
OCT					JAN 1968				
17...	1440	63	--	18.5	11...	1420	234	-2.0	0.0
24...	1410	37	--	8.0	17...	1030	99	-6.5	0.0
DEC					26...	1500	388	8.0	0.5
12...	1415	80	-12.0	1.0	APR				
FEB 1963					09...	1420	354	18.5	12.5
26...	1330	120	-6.5	1.0	JUN				
MAY					24...	1435	28	--	26.5
20...	1115	425	15.0	14.5	JUL				
JUN					24...	0940	4.4	--	24.0
27...	0915	17	25.5	22.0	31...	1515	10	--	24.5
JUL					AUG				
11...	0750	--	--	17.5	15...	1440	32	--	23.5
SEP					SEP				
20...	1050	10	24.0	20.5	10...	1320	6.1	21.0	24.5
DCT					30...	1515	1.1	--	20.5
24...	1335	3.2	--	19.5	FEB 1969				
DEC					17...	1415	162	--	2.5
11...	1155	306	-0.5	1.0	MAY				
JAN 1964					01...	1030	217	--	8.0
23...	1205	559	15.5	1.0	JUN				
MAR					04...	1030	62	--	16.5
13...	1245	563	9.5	4.0	JUL				
AUG					02...	1055	134	--	22.0
31...	1410	22	28.0	25.5					
OCT									
21...	1600	34	11.0	10.5					

## MONONGAHELA RIVER BASIN

03050000 TYGART VALLEY RIVER NEAR DAILEY, WV---Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
AUG 1969						
12...	1035	224	100	6.90	--	18.0
SEP						
15...	1425	31	95	6.90	--	19.0
OCT						
10...	1115	47	90	6.90	--	13.0
21...	1440	38	--	--	--	14.0
NOV						
26...	1040	157	80	6.80	--	5.0
DEC						
15...	1505	835	70	--	4.0	5.0
JAN 1970						
20...	1030	801	60	--	10.0	4.5
MAR						
12...	0945	217	70	6.80	5.0	5.0
APR						
22...	1515	207	--	--	21.0	14.0
JUN						
03...	1230	28	95	7.00	28.0	22.0
JUL						
16...	1108	207	95	7.00	22.5	22.0
AUG						
26...	1015	98	80	7.00	19.0	18.5
OCT						
07...	1535	26	105	--	15.0	18.0
NOV						
19...	1400	176	100	7.00	13.0	6.0
DEC						
31...	1355	237	85	6.20	-4.0	0.5
FEB 1971						
12...	1450	389	77	6.30	12.5	1.0
MAR						
26...	0910	450	75	6.40	-3.0	0.0
MAY						
07...	1515	662	87	6.00	13.5	12.5
JUN						
16...	0835	79	100	7.00	17.0	19.5
JUL						
29...	1758	35	100	8.80	21.0	22.0
SEP						
09...	1450	92	100	7.00	27.5	25.0
OCT						
19...	1020	36	--	--	8.0	12.0
DEC						
03...	1120	370	--	--	4.0	0.0
29...	1545	153	--	--	10.0	7.0
FEB 1972						
09...	1525	234	65	6.50	4.0	0.0
MAR						
24...	1355	617	--	--	-2.0	4.0
JUN						
08...	1425	54	--	--	24.0	22.0
JUL						
10...	1635	205	--	--	33.0	20.5
AUG						
10...	1605	114	--	--	25.0	22.0
SEP						
13...	1610	29	--	--	24.0	21.0
DEC						
06...	1355	1030	--	7.20	13.0	9.0
JAN 1973						
02...	1705	200	--	--	1.0	5.0
FEB						
06...	1530	418	--	7.10	4.5	4.0

MONONGAHELA RIVER BASIN

03050000 TYGART VALLEY RIVER NEAR DAILEY, WV---Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAR 1973						
05...	1500	511	--	7.90	11.5	6.5
MAY						
02...	2000	363	100	6.50	20.0	11.0
JUN						
05...	0945	361	95	6.90	20.0	16.0
JUL						
05...	0850	78	90	7.10	19.5	22.0
26...	0925	115	100	6.80	21.0	21.0
SEP						
18...	0815	27	100	7.60	15.0	18.0
NOV						
20...	1550	402	90	7.30	9.0	8.5
DEC						
18...	1005	263	70	6.90	3.0	3.0
JAN 1974						
14...	1340	411	85	7.00	--	--
FEB						
08...	1100	456	95	7.20	2.5	6.0
MAR						
11...	1330	448	90	7.10	10.0	8.5
APR						
10...	1100	850	85	7.60	3.5	5.0
MAY						
06...	1245	353	110	7.30	7.0	8.5
JUN						
05...	1330	490	--	7.00	25.0	14.0
JUL						
01...	1310	373	--	--	28.0	19.0
AUG						
27...	1420	24	120	--	31.0	26.0
OCT						
03...	0935	15	155	7.30	3.0	8.0
30...	1525	43	90	7.70	15.0	13.0
DEC						
05...	1650	133	85	7.10	2.5	0.5
JAN 1975						
08...	1230	310	--	--	8.5	3.0
MAR						
06...	0940	156	--	--	1.5	0.5
APR						
10...	1155	247	--	--	12.5	7.0
MAY						
06...	1255	971	72	7.00	20.0	11.0
JUN						
05...	1525	151	--	8.00	21.5	20.0
JUL						
08...	1615	104	90	8.00	25.5	24.0
AUG						
05...	1050	14	95	7.00	25.0	23.0
SEP						
04...	0930	44	120	7.40	19.5	20.0
30...	1130	68	100	7.00	17.0	15.5

# MONONGAHELA RIVER BASIN

03050500 TYGART VALLEY RIVER NEAR ELKINS, WV

LOCATION.--Lat 38°55'30", long 79°52'45", Randolph County, Hydrologic Unit 05020001, on left bank 1.4 mi upstream from Leading Creek, 1.5 mi west of Elkins, and at mile 78.3.

DRAINAGE AREA.--272 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1944 to current year. Prior to October 1960, published as Tygart River near Elkins.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					APR 1948				
20...	1450	722	29.5	22.5	09...	1010	504	5.5	12.5
AUG					MAY				
17...	1500	32	26.0	25.0	11...	1410	489	28.0	16.5
SEP					JUN				
28...	1005	135	21.5	20.0	15...	1440	433	23.5	20.0
NOV					JUL				
21...	1330	1420	11.0	6.5	01...	1045	71	19.0	23.5
DEC					AUG				
19...	1125	183	0.0	0.0	19...	1205	184	25.0	21.0
JAN 1946					SEP				
09...	1545	1660	18.0	9.0	02...	1535	91	25.5	21.5
FEB					15...	1445	91	22.0	22.0
27...	1055	482	13.5	5.0	OCT				
MAR					20...	1445	225	8.5	8.0
20...	1530	1090	12.5	8.0	NOV				
JUN					03...	1520	72	12.5	11.0
17...	1525	109	28.5	26.5	DEC				
JUL					09...	1510	542	3.5	4.0
05...	1505	130	21.5	20.5	FEB 1949				
23...	1045	26	25.5	25.0	21...	1625	754	11.0	8.0
26...	1425	33	29.5	26.0	APR				
AUG					25...	0935	374	10.0	10.0
29...	1600	9.2	19.5	20.5	MAY				
SEP					20...	1000	92	15.0	20.0
13...	1410	2.7	26.5	24.0	JUN				
26...	1500	2.2	24.0	25.0	24...	1450	26	30.0	29.5
OCT					JUL				
24...	1530	9.4	20.0	16.0	27...	1040	134	26.0	26.0
NOV					AUG				
28...	1035	105	5.0	6.5	24...	1010	77	24.5	22.5
DEC					SEP				
16...	1530	11	8.0	2.0	21...	1240	125	19.0	19.0
JAN 1947					OCT				
03...	1030	237	13.0	5.5	21...	1100	53	14.0	13.0
17...	1100	2820	4.0	5.5	DEC				
APR					21...	1630	594	15.0	5.5
18...	1515	306	15.5	7.0	28...	1100	2270	4.0	6.5
MAY					JAN 1950				
27...	1035	268	24.0	20.5	20...	1510	802	0.0	4.0
JUN					FEB				
05...	1445	122	28.5	22.5	01...	1300	7190	8.0	8.0
JUL					MAR				
29...	1605	148	26.5	25.5	28...	1620	1790	17.5	11.0
AUG					APR				
01...	1550	251	23.0	21.5	19...	1220	258	16.0	12.5
SEP					MAY				
19...	1615	64	25.0	23.5	24...	1020	312	16.5	16.5
OCT					JUN				
17...	1240	8.8	21.0	18.5	22...	1545	773	29.0	19.5
NOV					JUL				
21...	1315	83	6.5	5.5	31...	1410	168	28.0	24.0
DEC					AUG				
18...	1605	217	6.0	0.0	17...	1425	124	29.5	24.5
JAN 1948					SEP				
16...	1405	305	1.5	0.5	27...	1455	176	21.5	15.0
MAR					OCT				
12...	1450	425	-1.0	3.5	20...	1435	97	20.0	14.0

# MONONGAHELA RIVER BASIN

03050500 TYGART VALLEY RIVER NEAR ELKINS, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAR 1951					APR 1957				
01...	1455	287	15.5	4.0	02...	1325	524	10.0	8.5
APR					MAY				
19...	1410	389	12.5	9.5	13...	1020	801	25.0	21.0
MAY					JUN				
16...	1155	381	26.5	16.5	21...	1320	86	30.0	25.5
AUG					SEP				
10...	1210	12	28.5	25.0	06...	1440	0.23	28.5	24.0
FEB 1952					NOV				
12...	1140	384	7.0	1.0	07...	1210	81	17.5	3.5
AUG					DEC				
19...	1025	97	26.5	23.5	10...	1225	1400	4.0	1.0
SEP					JAN 1958				
29...	1125	4.5	20.0	22.0	10...	1430	145	1.0	0.5
NOV					FEB				
24...	1155	24	10.0	7.0	06...	1125	385	6.0	1.0
DEC					MAR				
22...	1430	274	10.5	4.5	26...	1500	2450	4.5	1.5
FEB 1953					APR				
03...	1055	525	2.0	3.0	14...	1430	947	13.5	--
MAR					MAY				
12...	1455	639	16.0	6.5	27...	1215	178	26.5	--
APR					JUN				
29...	1450	411	22.5	10.5	24...	1110	247	20.5	--
JUN					JUL				
15...	1015	55	26.5	18.0	17...	1100	150	24.5	--
AUG					AUG				
31...	1125	3.0	25.0	25.5	25...	1015	1640	18.0	--
SEP					DCT				
29...	1050	2.3	28.0	19.0	15...	1500	18	25.5	--
OCT					JUN 1959				
16...	1015	1.6	13.5	14.0	22...	1155	8.0	26.0	22.5
NOV					AUG				
12...	1455	1.4	9.0	8.5	25...	1545	6.4	29.0	29.5
DEC					DCT				
11...	1400	85	6.0	3.0	19...	1200	31	9.0	--
FEB 1954					APR 1960				
02...	0935	204	4.0	1.0	12...	1500	310	21.0	10.0
25...	1010	478	10.0	5.5	MAY				
APR					31...	1515	655	24.5	15.5
07...	1440	880	23.5	--	JUL				
29...	1435	360	23.0	16.5	12...	1155	31	29.5	24.5
MAY					OCT				
25...	1400	123	21.0	15.0	26...	1230	72	13.0	5.5
SEP					DEC				
16...	1010	41	23.5	21.5	05...	1505	123	15.5	3.5
NOV					JAN 1961				
17...	1125	150	23.0	10.0	12...	1425	343	6.5	2.0
JUL 1955					APR				
19...	1130	185	25.0	27.5	24...	1345	1030	28.0	13.5
AUG					JUN				
10...	1135	39	24.5	25.0	05...	1505	240	27.5	20.5
OCT					SEP				
26...	1425	36	15.5	10.5	08...	1130	79	26.5	25.5
JUN 1956					OCT				
11...	1630	147	24.5	24.0	26...	1250	188	13.5	6.5
JUL					DEC				
05...	1545	155	28.5	28.0	04...	1140	162	4.5	2.0
AUG					MAY 1962				
23...	1600	284	24.0	19.5	22...	1125	53	--	22.0
SEP					JUN				
21...	1510	50	18.0	14.5	26...	1135	47	--	23.0
OCT					AUG				
15...	1120	77	18.0	13.5	06...	1110	17	--	25.0
NOV					SEP				
19...	1515	87	18.5	8.5	18...	1415	3.9	--	20.5
JAN 1957									
25...	1220	1240	4.5	1.5					

MONONGAHELA RIVER BASIN

03050500 TYGART VALLEY RIVER NEAR ELKINS, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1962				
25...	1140	54	--	8.5
DEC				
04...	1430	133	12.5	4.5
MAY 1963				
08...	1330	193	--	19.0
JUN				
21...	1415	90	--	22.0
SEP				
03...	1350	15	--	24.0
OCT				
17...	1545	2.9	--	16.5
NOV				
22...	1045	62	--	9.0
APR 1964				
21...	1435	2450	--	12.0
JUN				
02...	1325	60	--	18.5
JUL				
15...	1100	152	--	20.0
SEP				
11...	1405	3.8	--	26.0
NOV				
24...	1145	159	--	1.5
FEB 1965				
16...	1450	333	8.0	4.0
JUN				
21...	1410	15	--	24.0
JUL				
27...	1440	15	--	25.5
AUG				
19...	1030	1.5	--	24.5
SEP				
30...	1455	46	--	19.5
DEC				
14...	1510	146	--	6.5
APR 1966				
01...	1145	301	--	5.5
JUN				
01...	1420	91	--	18.0
JUL				
07...	1315	59	--	27.5
AUG				
22...	1350	98	--	24.5
SEP				
02...	1005	16	--	22.0
NOV				
18...	1055	190	--	7.0
DEC				
16...	1115	341	--	2.0
JAN 1967				
26...	1605	301	--	8.0
APR				
14...	1645	1060	24.0	13.0
17...	1400	550	21.5	12.0
JUL				
25...	1420	70	--	22.0
AUG				
14...	1410	23	--	24.0
SEP				
20...	1410	4.5	--	23.5
MAY 1968				
07...	1435	174	20.0	15.5
JUN				
18...	1130	85	--	20.0

MONONGAHELA RIVER BASIN

03050500 TYGART VALLEY RIVER NEAR ELKINS, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1968						
23...	1445	7.3	--	--	--	29.0
OCT						
17...	1115	8.9	--	--	--	18.0
NOV						
22...	1510	333	--	--	--	4.5
MAR 1969						
18...	1505	396	--	--	--	5.5
APR						
30...	1505	381	--	--	--	10.5
JUN						
05...	1440	59	--	--	--	22.0
JUL						
07...	1110	46	--	--	--	24.5
AUG						
13...	1545	204	--	--	--	22.0
15...	1430	130	--	--	--	24.0
SEP						
17...	1020	48	--	--	--	18.5
OCT						
27...	1040	48	--	--	--	8.5
DEC						
15...	1330	1300	--	--	-1.0	0.0
JAN 1970						
29...	1530	2130	--	--	13.0	5.0
MAR						
12...	1420	300	--	--	9.0	6.0
JUL						
15...	1450	123	--	--	30.0	25.5
AUG						
26...	1325	84	--	--	22.5	32.5
OCT						
07...	1335	50	--	--	22.5	14.0
NOV						
19...	1055	270	90	6.90	15.0	5.5
DEC						
30...	1505	322	80	6.80	1.0	0.0
FEB 1971						
12...	1100	693	--	--	0.0	0.5
MAR						
25...	1600	662	--	--	-3.5	1.5
MAY						
07...	1055	980	--	--	12.5	12.0
JUN						
15...	1555	121	80	8.00	25.5	25.0
JUL						
29...	1500	53	100	7.50	26.0	24.0
SEP						
09...	1235	129	95	7.00	31.0	25.0
OCT						
21...	1435	56	140	7.00	27.0	18.0
DEC						
29...	1415	229	105	6.60	11.0	7.0
FEB 1972						
10...	1120	267	100	6.50	4.0	1.0
MAR						
23...	1530	1150	70	6.50	2.0	6.0
MAY						
03...	1230	2660	65	6.80	17.0	12.0
JUN						
06...	1515	107	--	--	19.5	20.0
JUL						
11...	1545	207	85	7.00	25.0	22.0
AUG						
10...	1420	150	95	6.80	24.0	22.0

MONONGAHELA RIVER BASIN

03050500 TYGART VALLEY RIVER NEAR ELKINS, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1972						
11...	1400	40	--	--	22.0	20.0
OCT						
13...	0910	346	--	--	16.5	13.0
NDV						
09...	0950	3330	--	7.20	8.0	9.0
DEC						
07...	1400	2680	--	7.60	1.0	4.0
JAN 1973						
04...	1510	1050	--	7.00	9.0	5.5
FEB						
08...	1515	1170	--	7.10	1.5	2.0
APR						
06...	1325	1250	65	7.60	13.5	6.5
JUL						
05...	1045	106	90	7.20	22.5	23.5
26...	1200	196	110	7.00	24.0	23.0
SEP						
19...	1745	14	300	7.30	15.0	16.0
NOV						
20...	1425	469	100	7.00	10.5	9.5
DEC						
20...	1755	752	110	7.10	3.5	4.0
JAN 1974						
12...	1010	9580	200	7.40	1.0	6.0
FEB						
12...	1100	363	--	--	0.0	0.5
MAR						
15...	0920	796	200	7.10	1.0	5.5
APR						
12...	1000	719	185	7.60	5.0	5.5
JUN						
03...	1530	7530	--	--	22.0	14.5
JUL						
03...	1140	272	--	--	29.0	18.0
31...	1110	34	--	--	28.0	20.0
AUG						
27...	1640	26	160	--	24.5	26.0
OCT						
01...	1700	52	115	7.60	11.0	15.5
29...	1520	70	110	7.00	16.0	12.0
JAN 1975						
08...	1140	453	--	6.30	4.0	3.0
FEB						
05...	1120	804	--	--	5.0	4.0
MAR						
06...	1210	196	--	6.50	7.0	1.5
APR						
10...	1005	360	110	6.50	9.0	7.5
MAY						
06...	1515	1360	65	7.00	25.0	11.5
JUN						
05...	0940	293	--	--	17.0	17.5
JUL						
09...	1605	146	100	7.00	23.5	23.0
AUG						
05...	1255	68	100	7.00	24.0	26.0
SEP						
04...	1135	50	125	7.30	21.0	23.0
30...	1400	188	110	7.00	17.0	17.5



# MONONGAHELA RIVER BASIN

03050800 ROARING CREEK AT NORTON, WV

LOCATION.--Lat 38°56'05", long 79°57'00", Randolph County, on right bank  
10 ft downstream from bridge on secondary State Route 21/1 and 0.7  
mile east of Norton.

DRAINAGE AREA.--29.2 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--August 1964 to September 1969.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1964				
21...	1210	0.64	19.5	18.5
NOV				
23...	1025	12	-4.0	33.0
DEC				
16...	1235	47	9.0	2.0
JAN 1965				
06...	0915	77	0.0	3.5
MAR				
23...	0935	67	9.0	3.5
25...	1030	517	7.0	5.5
MAY				
06...	1515	31	28.5	16.5
JUN				
01...	1340	4.9	28.5	18.5
21...	1230	0.78	28.5	16.5
JUL				
06...	1325	9.3	--	21.0
AUG				
19...	0830	0.13	23.5	20.5
SEP				
08...	1315	0.10	28.5	24.5
OCT				
21...	1415	0.80	19.5	13.0
NOV				
08...	1350	1.3	15.5	10.0
30...	1425	5.5	--	0.5
JAN 1966				
06...	1245	76	4.5	--
FEB				
03...	1040	19	-1.0	0.5
MAR				
07...	1125	57	-7.0	0.5
23...	1035	23	18.5	9.0
JUN				
10...	0940	20	14.5	13.5
30...	1430	1.1	29.5	25.5
AUG				
22...	1320	4.7	30.5	22.0
OCT				
21...	1300	19	15.5	7.5
JAN 1967				
13...	1010	32	1.5	0.0
MAR				
24...	1110	121	5.0	4.0
JUN				
07...	1445	19	25.5	16.5
SEP				
01...	0840	20	9.5	12.5
OCT				
17...	1515	7.4	15.5	14.5
18...	1220	12	10.0	12.0
NOV				
27...	1610	94	4.5	5.0
FEB 1968				
27...	1115	13	1.0	0.0

## MONONGAHELA RIVER BASIN

03050800 ROARING CREEK AT NORTON, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DFG C)	TEMPER- ATURE WATER (DEG C)
MAR 1968				
22...	1350	80	15.5	9.0
MAY				
03...	1450	15	20.5	11.0
JUN				
07...	1600	42	21.0	9.0
JUL				
12...	1540	1.6	31.0	16.5
AUG				
21...	1325	3.7	29.0	21.0
SEP				
27...	1450	1.1	24.5	13.5
NOV				
26...	1430	54	--	5.0
JAN 1969				
24...	1415	112	--	6.0
FEB				
18...	1430	34	--	2.0
MAR				
28...	1530	110	--	5.5
MAY				
05...	1500	25	--	15.5
JUN				
11...	1455	8.1	--	18.5
JUL				
14...	1455	102	--	18.5
AUG				
25...	1040	14	--	16.0
OCT				
01...	1430	8.9	--	14.0

# MONONGAHELA RIVER BASIN

03050900 GRASSY RUN AT NORTON, WV

LOCATION.--Lat 38°56'10", long 79°57'40", Randolph County, on left bank at Norton, 200 ft upstream from bridge on secondary State Route 5/5, and 300 ft upstream from mouth.

DRAINAGE AREA.--2.86 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--August 1964 to September 1969.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1964					JUL 1967				
21...	1500	1.1	21.0	19.0	14...	1250	2.6	17.0	16.0
OCT					SEP				
15...	1545	0.99	24.0	--	05...	0915	1.5	14.5	13.0
NOV					OCT				
23...	1040	1.5	1.5	0.5	18...	1420	5.5	4.5	14.0
DEC					NOV				
16...	1405	3.8	11.0	2.0	27...	1255	9.9	4.5	6.5
FEB 1965					FEB 1968				
09...	0900	16	12.0	8.5	19...	1530	5.1	3.5	2.0
MAR					27...	1245	3.4	1.5	1.0
22...	1500	9.8	10.5	5.0	MAR				
25...	1420	43	10.5	7.0	22...	1130	10	15.5	10.5
25...	1520	49	9.5	7.0	MAY				
MAY					03...	1140	4.0	21.0	13.0
10...	1500	6.0	28.0	21.0	JUN				
JUN					07...	1245	8.5	20.0	12.0
21...	0950	1.9	21.5	15.0	JUL				
AUG					12...	1435	2.8	31.0	20.5
03...	1350	1.1	21.0	19.0	AUG				
19...	0925	0.90	23.0	19.5	21...	1110	1.9	26.5	20.0
SEP					SEP				
08...	1410	0.74	26.5	19.5	27...	1325	1.3	25.5	14.5
OCT					OCT				
21...	1515	0.67	20.0	15.0	25...	1520	1.5	6.0	9.0
NOV					NOV				
08...	1450	0.87	18.0	13.0	26...	1135	4.3	--	4.5
DEC					JAN 1969				
07...	1315	0.98	-1.0	--	08...	1500	5.7	--	4.5
JAN 1966					FEB				
06...	1400	9.6	8.0	7.5	17...	1130	7.6	--	6.0
FEB					MAR				
03...	1220	1.7	--	1.0	28...	1330	12	--	11.5
MAR					MAY				
07...	1400	8.2	-6.0	6.0	05...	1110	6.2	--	15.0
23...	1605	4.7	26.5	19.0	JUN				
JUN					11...	1110	3.8	--	15.5
10...	1320	3.2	14.5	16.0	JUL				
AUG					14...	1140	5.6	--	17.0
22...	1500	1.2	31.0	24.5	AUG				
OCT					18...	1105	2.8	--	19.5
21...	1455	1.8	13.5	10.5	OCT				
JAN 1967					01...	1320	2.5	--	14.5
16...	1500	5.0	4.5	4.5					
MAR									
03...	1240	20	5.0	10.5					

# MONONGAHELA RIVER BASIN

03051000 TYGART VALLEY RIVER AT BELINGTON, WV

LOCATION.--Lat 39°01'45", long 79°56'10", Barbour County, Hydrologic Unit 05020001, on left bank opposite mouth of Mill Creek, 0.2 mi downstream from highway bridge at Belington, and mile 61.5.

DRAINAGE AREA.--408 mi<sup>2</sup>, excluding that of Mill Creek.

PERIOD OF STREAMFLOW RECORD.--June 1907 to current year. Prior to October 1960, published as Tygart River at Belington.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1946					DEC 1948				
13...	1330	1180	23.5	20.0	13...	1450	436	16.5	6.0
JUL 12...	1425	412	28.0	25.5	JAN 1949				
AUG 28...	1210	15	28.0	16.0	18...	1345	664	11.5	6.0
SEP 13...	1410	11	22.0	21.5	FEB 16...	1200	5590	7.0	8.0
DEC 05...	1640	58	8.0	0.5	MAR 22...	1340	1420	10.0	6.5
JAN 1947					APR 21...	1350	745	18.5	9.0
24...	1255	94	9.0	2.0	MAY 04...	1315	319	26.5	20.0
FEB 17...	1215	530	-1.0	0.0	JUN 24...	0955	61	27.5	25.5
MAR 21...	1420	604	2.0	1.5	JUL 22...	1335	470	26.0	24.5
APR 07...	1630	1040	10.0	11.0	AUG 29...	1615	108	23.0	23.0
MAY 09...	1225	597	--	8.5	SEP 21...	1020	176	16.5	16.0
JUN 06...	1015	176	23.0	21.5	OCT 05...	1240	84	20.0	18.0
09...	1545	7360	31.5	17.5	NOV 03...	1440	985	7.0	9.0
JUL 14...	1700	186	28.0	25.5	DEC 20...	1515	1350	15.0	6.0
AUG 27...	1405	253	26.0	23.5	JAN 1950				
SEP 18...	1635	188	24.0	21.5	20...	1050	1370	-6.0	2.0
OCT 15...	1600	13	24.5	20.0	MAR 08...	1420	716	11.0	6.0
NDV 06...	1120	5.3	13.5	11.0	APR 12...	1435	397	7.0	8.5
DEC 09...	1520	1510	-2.0	4.5	JUL 27...	1315	717	22.0	20.0
JAN 1948					SEP 13...	1250	150	22.0	21.0
02...	1625	2700	-3.0	3.5	OCT 20...	1020	134	14.5	13.5
MAR 04...	1435	1880	-2.0	5.5	AUG 1951				
APR 01...	1405	668	23.5	11.5	24...	1035	11	24.0	20.0
14...	1530	8670	13.5	12.5	SEP 19...	1050	32	22.5	19.5
MAY 07...	1615	1660	6.0	11.5	NOV 30...	1030	391	0.0	2.5
JUN 11...	1215	599	25.0	18.5	FEB 1952				
JUL 16...	1500	444	22.0	23.0	18...	1550	532	3.5	4.5
AUG 09...	1415	478	23.5	19.0	MAY 15...	1010	1480	16.5	13.0
SEP 03...	1745	102	28.0	24.5	JUL 01...	1610	88	23.5	26.5
22...	1610	4080	19.5	17.5	AUG 12...	1050	22	21.0	23.5
OCT 08...	1430	143	15.0	15.5	SEP 29...	1500	11	25.5	20.0
27...	1525	133	20.5	10.0	NOV 21...	0955	62	7.0	8.5
NOV 18...	1340	359	19.0	7.5	DEC 19...	1520	289	8.5	3.5

MONONGAHELA RIVER BASIN

03051000 TYGART VALLEY RIVER AT BELINGTON, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
APR 1953					NOV 1960				
15...	1540	1570	7.0	9.0	14...	1320	537	18.5	6.5
MAY					SEP 1961				
04...	1030	330	22.5	16.5	08...	1350	150	30.0	27.5
JUN					OCT				
15...	1455	64	26.5	21.5	27...	1105	248	8.5	8.5
AUG					DEC				
28...	0935	12	21.5	23.0	04...	1530	247	14.5	3.0
SEP					JAN 1962				
22...	0930	5.7	10.0	18.0	15...	1035	528	3.5	1.0
DEC					FEB				
04...	1005	9.8	14.5	2.0	27...	1100	6650	8.0	3.0
JAN 1954					APR				
25...	1055	992	8.0	3.5	19...	1035	1640	--	6.0
MAR					MAY				
17...	1045	1230	4.5	1.0	25...	1350	154	--	23.0
JUL					JUL				
27...	1015	148	24.0	24.0	06...	1325	134	--	24.0
NOV					AUG				
15...	1405	270	22.0	8.0	13...	1225	37	--	22.0
JUN 1955					SEP				
03...	1405	72	19.0	20.5	26...	1040	13	--	15.5
JUL					NOV				
18...	1540	36	30.0	28.0	07...	1130	268	5.5	4.5
AUG					APR 1963				
09...	1455	38	28.0	23.0	11...	1040	226	--	6.0
SEP					JUN				
28...	1130	11	21.0	18.5	28...	1115	48	--	26.0
OCT					AUG				
27...	1320	72	24.0	15.5	02...	1255	43	--	25.5
JAN 1956					SEP				
12...	1330	126	8.5	0.5	10...	0955	97	--	20.0
JUN					OCT				
11...	1310	246	25.5	22.5	16...	1240	13	--	13.5
AUG					NOV				
24...	1350	382	28.0	20.0	26...	1355	276	--	5.0
NOV					APR 1964				
19...	1245	139	19.0	7.0	22...	1540	2060	--	14.0
APR 1957					JUN				
02...	1035	809	13.0	8.0	08...	1325	59	--	22.0
MAY					JUL				
13...	1340	124	30.0	22.0	14...	1305	418	--	20.0
JUL					SEP				
31...	1040	56	29.0	26.5	11...	0925	708	--	22.0
SEP					DEC				
06...	1010	1.9	19.5	19.5	01...	1450	271	-4.0	1.0
OCT					FEB 1965				
08...	1445	419	15.0	13.0	16...	1420	555	8.5	3.5
APR 1958					JUL				
21...	1540	630	19.0	15.5	07...	1005	146	--	24.0
JUN					AUG				
17...	1055	693	15.5	16.0	11...	1045	17	--	20.5
SEP					SEP				
30...	1545	60	20.0	18.5	21...	1430	87	--	25.5
JUL 1959					OCT				
13...	1250	22	26.5	22.0	19...	1545	34	--	16.0
AUG					DEC				
25...	1030	36	22.0	25.5	20...	1045	118	--	0.0
OCT					JAN 1966				
05...	1305	9.2	25.5	21.0	25...	1240	77	--	0.0
NOV					MAY				
13...	1425	182	16.5	8.5	20...	1415	338	--	19.0
MAR 1960					JUN				
24...	1525	629	4.5	3.5	29...	1000	25	--	24.5
JUN					JUL				
03...	1430	394	26.5	20.0	29...	0945	44	--	23.5
OCT									
04...	1320	53	18.5	18.0					

MONONGAHELA RIVER BASIN

03051000 TYGART VALLEY RIVER AT BELINGTON, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
AUG 1966						
29...	1435	32	--	--	--	25.5
JUN 1967						
14...	1345	97	--	--	--	28.0
SEP						
06...	0940	52	--	--	--	19.0
OCT						
16...	1015	123	--	--	--	14.5
NOV						
20...	1100	329	--	--	--	2.0
MAY 1968						
01...	1420	240	--	--	--	11.5
JUN						
11...	1500	238	--	--	--	24.5
JUL						
11...	1435	15	--	--	--	27.5
26...	1050	120	--	--	--	24.5
OCT						
01...	1055	6.6	--	--	--	15.0
NOV						
14...	1120	247	--	--	--	1.5
MAR 1969						
17...	1140	319	--	--	--	3.5
MAY						
27...	1515	121	--	--	--	21.0
JUN						
30...	1050	51	--	--	--	25.5
AUG						
06...	1030	72	210	5.90	--	20.0
SEP						
11...	1450	376	100	6.20	--	18.0
OCT						
20...	1100	52	200	5.90	--	11.5
NOV						
24...	1130	565	100	6.40	--	9.5
DEC						
17...	1535	952	--	--	-2.0	2.0
JAN 1970						
27...	1445	3050	90	6.20	--	3.0
MAR						
11...	1110	592	110	6.30	9.0	4.5
JUN						
02...	1455	68	245	5.00	28.0	26.0
JUL						
15...	1035	200	140	7.00	32.0	23.5
AUG						
24...	1520	1020	110	--	27.0	21.5
OCT						
05...	1515	840	175	--	20.0	16.0
NOV						
17...	1030	724	105	6.80	8.5	5.0
DEC						
28...	1450	809	130	6.00	0.0	0.5
FEB 1971						
10...	1655	1230	100	6.00	0.5	0.0
MAR						
23...	1550	1640	94	6.00	-6.0	2.0
MAY						
06...	1045	665	--	--	16.0	11.5
JUN						
14...	1608	231	--	--	25.5	24.0
JUL						
27...	1045	83	--	--	22.0	20.0
SEP						
07...	1513	143	--	--	29.0	25.0

MONONGAHELA RIVER BASIN

03051000 TYGART VALLEY RIVER AT BELINGTON, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1971						
20...	1617	68	200	7.20	23.0	18.0
NOV						
30...	1700	5280	--	--	2.0	0.0
DEC						
27...	1335	486	--	--	15.0	8.0
FEB 1972						
09...	1220	471	--	--	-2.0	0.0
MAR						
22...	1130	890	--	--	7.0	8.0
MAY						
01...	1335	589	--	--	24.5	15.0
JUN						
05...	1620	194	130	7.00	--	22.0
JUL						
13...	1415	302	--	--	28.0	23.0
AUG						
11...	1555	183	160	8.00	27.0	22.0
SEP						
12...	1505	79	--	--	19.0	19.0
OCT						
11...	1820	418	--	6.80	15.0	12.5
DEC						
05...	1200	1820	--	--	13.0	10.0
JAN 1973						
04...	1215	1470	--	7.10	8.5	5.5
FEB						
07...	1445	1390	--	--	7.0	5.0
MAR						
07...	1330	771	--	--	15.0	9.0
MAY						
02...	1000	1030	130	7.00	20.5	11.0
JUN						
04...	1850	304	135	7.70	25.0	15.5
JUL						
03...	1510	308	155	7.90	28.0	25.0
27...	0915	402	130	7.00	28.0	23.0
SEP						
20...	1235	66	320	7.30	15.5	16.0
OCT						
24...	0915	72	190	7.80	9.5	10.0
NOV						
21...	1200	876	160	7.40	11.5	10.0
JAN 1974						
15...	1400	1130	135	7.00	--	--
FEB						
11...	1100	696	130	7.00	-1.5	4.5
MAR						
13...	1355	1880	100	6.70	1.5	6.0
APR						
09...	1215	2030	190	7.70	3.0	5.0
JUN						
04...	1415	2430	--	7.40	20.0	14.0
JUL						
05...	1030	272	--	--	26.0	18.0
30...	1020	90	--	--	27.0	21.0
AUG						
27...	1140	35	200	--	28.0	24.0
OCT						
03...	1445	55	220	7.10	10.0	10.5
29...	1310	114	145	7.20	17.0	11.5
DEC						
05...	1415	404	95	7.30	11.0	1.0
JAN 1975						
06...	1515	1050	--	6.00	7.0	3.0

# MONONGAHELA RIVER BASIN

03051000 TYGART VALLEY RIVER AT BELINGTON, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
FEB 1975						
03...	1430	1920	115	6.00	5.5	4.0
MAR						
04...	1430	349	175	5.80	5.5	0.5
APR						
08...	1430	707	130	6.00	16.0	6.0
MAY						
07...	1355	1920	95	6.80	24.0	12.5
JUL						
08...	1330	223	195	7.00	27.0	24.0
AUG						
04...	1725	24	280	8.00	26.0	29.0
SEP						
02...	1630	29	250	--	23.0	24.5
29...	1500	14	103	9.00	18.5	18.0



MONONGAHELA RIVER BASIN

03052000 MIDDLE FORK RIVER AT AUDRA, WV

LOCATION.--Lat 39°02'25", long 80°04'10", Barbour County, Hydrologic Unit 05020001, on right Bank at Audra, 600 ft upstream from highway bridge, and at mile 2.7.

DRAINAGE AREA.--149 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--February 1942 to September 1979.

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					SEP 1948				
12...	1430	21	25.0	23.0	03...	1330	44	25.0	22.0
AUG					22...	1005	2000	16.5	16.0
27...	1440	49	21.5	21.5	OCT				
SEP					08...	0920	49	15.0	10.5
26...	1120	236	23.5	19.0	NOV				
NOV					18...	0930	186	8.5	6.0
05...	1530	244	10.5	8.0	DEC				
DEC					13...	1205	221	13.0	5.0
28...	1200	446	2.5	1.0	JAN 1949				
JAN 1946					17...	1555	381	6.5	6.0
05...	1455	625	14.5	4.0	FEB				
FEB					16...	1130	2920	8.0	7.5
15...	1630	1000	--	0.5	16...	1300	2680	8.0	7.5
MAR					MAR				
14...	1600	257	16.0	8.5	22...	1110	705	11.0	6.0
JUN					APR				
13...	1030	300	25.5	21.0	21...	0930	328	18.0	8.0
JUL					MAY				
12...	1005	43	23.0	24.5	05...	1505	152	26.5	21.5
AUG					JUN				
28...	0930	2.6	21.5	16.0	27...	1555	22	27.5	28.0
SEP					JUL				
13...	1530	0.09	21.0	21.0	22...	1105	321	24.0	23.0
DEC					AUG				
05...	1455	34	6.5	0.5	30...	1530	94	25.0	24.0
JAN 1947					SEP				
24...	1625	412	8.5	3.5	19...	1545	23	20.0	23.0
MAR					22...	1420	32	20.0	18.0
21...	1135	284	0.5	1.5	OCT				
APR					05...	1550	41	20.5	18.0
08...	1205	340	21.5	10.5	15...	1525	151	18.5	16.5
MAY					NOV				
09...	1505	297	8.0	9.5	14...	1310	202	8.0	10.0
JUN					DEC				
06...	1430	88	21.5	20.5	20...	0930	613	11.0	5.5
AUG					JAN 1950				
27...	1105	171	21.5	21.5	19...	1645	760	-3.5	5.0
SEP					FEB				
18...	1445	148	25.0	20.0	24...	0930	715	5.0	3.0
NOV					MAR				
06...	1405	33	10.5	11.5	22...	1120	1140	6.5	5.5
DEC					APR				
09...	1230	724	-3.0	5.0	18...	1605	185	18.5	10.0
JAN 1948					MAY				
02...	1320	1190	-2.0	2.5	11...	1105	230	15.5	14.5
FEB					JUL				
17...	1610	882	13.0	5.5	27...	1050	337	20.5	20.5
MAR					AUG				
04...	0930	814	-0.5	5.0	29...	1355	15	26.5	24.5
APR					OCT				
01...	1120	310	19.5	9.5	19...	1525	86	21.0	13.0
JUN					MAR 1951				
10...	1445	572	23.5	16.5	27...	1525	336	15.0	6.5
JUL					JUN				
15...	1215	342	28.0	21.0	25...	1500	80	24.0	21.0
AUG					AUG				
09...	0945	252	20.5	16.0	24...	1500	2.2	24.5	21.0
					SEP				
					19...	1430	8.1	25.5	22.5

MONONGAHELA RIVER BASIN

03052000 MIDDLE FORK RIVER AT AUDRA, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1951					JUN 1956				
15...	1055	5.7	13.5	10.0	12...	1610	82	23.0	24.5
NOV					JUL				
29...	1200	290	2.0	1.0	23...	1525	160	23.5	22.5
FEB 1952					OCT				
19...	1505	188	4.5	4.0	30...	1445	150	25.5	—
APR					NOV				
12...	1113	510	8.5	9.5	19...	1015	90	9.0	4.5
MAY					APR 1957				
14...	1140	1030	13.5	9.5	15...	1415	253	15.0	8.5
JUL					MAY				
01...	1110	32	21.5	23.0	27...	1010	85	21.0	20.0
AUG					JUL				
11...	1250	6.1	23.0	23.0	15...	1030	32	26.5	21.5
SEP					AUG				
30...	1045	3.1	21.0	16.5	21...	1010	3.2	23.5	19.0
NOV					SEP				
06...	1430	3.0	11.0	8.0	05...	1120	0.88	22.0	20.0
DEC					OCT				
17...	1430	105	5.0	1.5	21...	1145	69	18.0	9.0
FEB 1953					APR 1958				
04...	1455	297	5.5	4.5	21...	1205	206	18.5	14.5
APR					MAY				
15...	1355	797	11.5	8.0	15...	1145	202	21.5	15.0
MAY					JUL				
12...	1525	383	24.5	15.0	28...	1115	446	24.0	19.5
JUL					AUG				
28...	1505	16	31.0	24.5	26...	1050	340	16.5	16.5
AUG					SEP				
27...	1420	3.4	26.5	23.5	30...	1040	29	15.5	15.0
SEP					NOV				
21...	1340	1.2	13.5	17.5	12...	1155	204	10.0	4.5
OCT					JAN 1959				
12...	1320	0.22	20.0	15.5	26...	1220	451	7.5	4.5
NOV					FEB				
10...	1115	2.2	20.0	4.0	17...	1500	704	15.5	—
DEC					MAR				
22...	1315	105	12.0	1.0	31...	1125	178	9.0	4.0
FEB 1954					MAY				
16...	1530	370	18.0	4.5	18...	1130	327	24.0	7.0
APR					JUL				
14...	1330	256	24.0	9.0	14...	1245	6.7	29.5	25.5
JUN					AUG				
15...	1440	99	25.5	26.0	24...	1345	7.2	29.5	26.5
JUL					OCT				
27...	1245	54	30.5	24.5	06...	1430	6.5	25.5	22.5
SEP					NOV				
16...	1330	65	29.5	22.5	13...	1330	68	19.0	4.5
NOV					DEC				
16...	1505	133	12.5	8.0	17...	1320	442	17.0	6.0
APR 1955					MAY 1960				
29...	1440	510	19.5	13.5	06...	1150	165	21.0	11.5
MAY					JUN				
31...	1605	59	16.5	18.5	16...	1400	59	29.5	24.5
JUL					AUG				
20...	1525	20	29.0	29.5	02...	1100	32	28.0	24.5
AUG					SEP				
10...	1520	4.7	28.0	29.5	15...	1010	162	24.5	15.5
SEP					NOV				
15...	1545	1.2	30.5	26.5	01...	1015	138	15.0	10.0
OCT					DEC				
27...	1515	39	20.5	11.5	15...	1050	189	1.5	0.5
DEC					MAR 1961				
20...	1250	47	-4.0	0.0	20...	1210	851	9.0	7.5
JAN 1956					MAY				
16...	1550	50	0.0	0.0	02...	1110	1780	10.5	9.0
MAY									
14...	1550	216	28.0	20.5					

MONONGAHELA RIVER BASIN

03052000 MIDDLE FORK RIVER AT AUDRA, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1961				
13...	1200	1250	23.0	16.0
JUL				
27...	0950	119	24.5	20.5
SEP				
13...	1000	20	26.5	24.0
OCT				
12...	1000	48	18.5	15.0
JAN 1962				
25...	1245	806	--	4.0
MAR				
12...	1125	2230	--	5.5
APR				
01...	1055	683	--	6.0
JUL				
09...	1125	31	--	25.0
AUG				
27...	1150	4.4	--	21.5
OCT				
15...	1255	91	--	18.0
NOV				
26...	1310	400	--	4.5
MAY 1963				
06...	1025	235	--	14.0
JUN				
17...	1255	93	--	18.5
SEP				
04...	1225	51	--	21.0
OCT				
14...	1050	1.5	--	9.5
NOV				
09...	1040	49	--	8.0
APR 1964				
20...	1610	1910	--	10.5
MAY				
18...	1030	125	--	16.0
JUN				
30...	1040	40	23.5	30.0
SEP				
21...	1040	4.6	--	20.0
OCT				
26...	1400	14	--	10.0
NOV				
23...	1430	89	--	1.0
FEB 1965				
18...	1155	202	--	4.0
JUN				
16...	1020	6.7	--	18.5
JUL				
21...	0950	28	19.5	20.5
AUG				
27...	1020	3.3	--	21.0
SEP				
28...	1055	16	--	15.5
NOV				
02...	1055	14	5.0	6.0
DEC				
08...	1055	32	--	0.0
JUN 1966				
13...	1055	53	--	20.5
JUL				
18...	0955	1.8	--	21.5
AUG				
24...	1140	33	--	21.0

MONONGAHELA RIVER BASIN

03052000 MIDDLE FORK RIVER AT AUDRA, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1966						
26...	1025	68	--	--	--	13.5
OCT						
26...	1030	99	--	--	--	9.0
JUL 1967						
11...	1015	98	--	--	--	23.5
AUG						
09...	1015	41	--	--	--	23.0
SEP						
19...	1010	5.6	--	--	--	19.0
OCT						
27...	1035	682	--	--	15.0	8.5
APR 1968						
29...	1210	98	--	--	--	10.5
JUN						
11...	1100	100	--	--	--	21.0
JUL						
15...	1430	16	--	--	--	26.5
SEP						
25...	1215	6.2	--	--	--	20.0
NOV						
05...	1115	29	--	--	--	11.5
MAR 1969						
03...	1340	159	--	--	--	3.5
MAY						
21...	1300	145	--	--	--	18.0
JUN						
24...	1505	25	--	--	--	25.0
JUL						
22...	1150	50	<50	6.20	--	24.5
AUG						
15...	1025	103	<50	6.00	20.0	20.0
26...	1115	73	<50	6.00	--	20.5
SEP						
26...	1005	75	<50	6.20	--	16.0
OCT						
06...	1500	40	<50	6.10	--	16.0
NOV						
10...	1300	499	<50	5.90	--	8.0
DEC						
17...	1230	521	<50	5.90	-3.0	1.0
JAN 1970						
28...	1645	685	<50	6.00	11.0	0.0
MAR						
10...	1705	322	<50	6.20	1.0	4.0
APR						
21...	1615	268	--	--	20.0	14.0
JUN						
02...	1225	24	<50	6.60	28.0	24.0
JUL						
14...	1555	128	<50	6.40	29.5	24.0
AUG						
25...	1525	143	<50	6.40	25.0	21.0
OCT						
06...	1300	35	<50	6.80	21.0	14.5
07...	1015	29	<50	--	20.0	13.0
NOV						
18...	1000	309	<50	6.80	10.0	5.5
FEB 1971						
11...	1745	499	<50	6.20	1.5	0.5
MAR						
24...	1620	564	<50	6.10	-7.0	0.0
MAY						
05...	1530	283	<50	6.00	15.0	10.5

## MONONGAHELA RIVER BASIN

03052000 MIDDLE FORK RIVER AT AUDRA, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1971						
15...	1255	87	<50	6.60	22.0	21.0
JUL						
27...	1400	43	<50	6.50	24.0	23.0
SEP						
08...	1340	47	<50	6.80	25.0	25.0
OCT						
20...	1340	21	<50	6.00	24.0	12.0
DEC						
01...	1420	1030	<50	6.20	6.0	5.0
28...	1425	202	<50	--	15.0	9.0
FEB 1972						
08...	1515	253	<50	6.00	-3.0	0.0
MAR						
23...	1130	696	<50	6.50	3.0	6.0
MAY						
02...	1355	261	<50	6.80	12.0	16.0
JUN						
06...	1210	79	--	--	20.0	18.5
JUL						
12...	1510	221	--	--	23.0	20.5
AUG						
14...	1435	57	--	--	27.0	25.0
SEP						
13...	1310	24	55	6.70	24.0	21.0
OCT						
11...	1530	210	--	7.30	16.0	12.5
DEC						
07...	1115	1690	--	7.50	0.0	4.0
JAN 1973						
03...	1400	280	--	--	8.0	4.0
MAR						
06...	1530	368	--	6.40	17.0	9.5
MAY						
02...	1625	496	65	6.60	20.5	11.0
JUL						
03...	1000	46	<50	6.10	23.0	22.0
AUG						
23...	1100	349	--	7.20	16.0	17.0
OCT						
26...	1125	52	60	6.40	13.5	11.5
DEC						
20...	1430	484	120	6.80	--	--
JAN 1974						
17...	1135	435	160	7.00	--	--
MAR						
06...	1410	482	70	6.40	6.0	6.0
MAY						
07...	1230	457	65	6.40	8.0	7.5
JUN						
05...	1620	559	--	6.70	22.5	14.5
JUL						
08...	1200	156	--	--	26.0	16.0
AUG						
05...	1230	23	--	--	25.0	22.0
26...	1045	32	60	--	25.0	22.5
OCT						
02...	1115	49	60	7.20	7.0	11.0
30...	1040	73	<50	8.00	14.0	11.0
DEC						
04...	1320	285	<50	7.50	15.0	15.0
JAN 1975						
07...	1130	393	--	5.50	6.5	2.5
FEB						
04...	1115	611	<50	5.50	2.5	2.5
APR						
09...	1125	287	85	5.70	12.0	6.0
MAY						
08...	1340	704	40	5.00	27.0	13.0
JUL						
09...	1250	67	100	5.30	27.0	23.0
AUG						
04...	1550	7.1	--	6.00	28.0	--
SEP						
03...	1410	10	70	7.00	20.5	24.5

# MONONGAHELA RIVER BASIN

03052500 SAND RUN NEAR BUCKHANNON, WV

LOCATION.--Lat 38°57'50", long 80°09'10", Upshur County, Hydrologic Unit  
05020001, on right bank 300 ft downstream from Left Fork, 4.5 mi southeast of  
Buckhannon, and at mile 6.0.

DRAINAGE AREA.--14.5 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1946 to current year.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
DEC 1946					JUN 1949				
02...	1130	2.6	-6.0	0.0	01...	1020	7.1	18.0	16.5
MAR 1947					AUG				
25...	1150	192	-2.0	3.5	09...	1100	1.0	25.5	23.0
APR					SEP				
08...	1435	12	15.5	13.5	06...	1000	3.6	20.0	19.5
MAY					NOV				
06...	1510	40	13.5	11.5	01...	0900	64	5.5	10.5
08...	1745	24	6.0	9.5	DEC				
JUL					19...	1045	71	14.5	7.5
07...	1540	9.7	23.0	23.5	JAN 1950				
AUG					03...	0920	20	12.0	9.0
11...	1000	2.4	28.0	21.0	MAR				
SEP					06...	1030	24	4.0	4.0
15...	1140	2.8	29.5	23.0	APR				
OCT					10...	1025	19	10.5	6.5
01...	1125	1.6	9.0	9.5	MAY				
NOV					08...	1030	16	7.5	14.5
03...	1115	1.1	18.0	10.5	JUN				
DEC					13...	0945	23	20.0	15.5
01...	1145	9.6	4.5	0.0	JUL				
19...	1430	11	3.0	1.5	10...	0945	1.9	23.5	20.5
JAN 1948					MAR 1951				
08...	1040	22	4.5	0.5	12...	1005	20	6.0	3.5
FEB					APR				
10...	1100	40	-2.0	0.0	16...	1020	46	4.5	7.5
MAR					JUL				
03...	0945	91	8.5	7.5	26...	1030	2.9	26.5	22.0
09...	1050	35	8.5	4.5	SEP				
24...	1050	522	8.0	9.0	18...	1035	0.68	24.0	20.0
APR					OCT				
08...	1000	16	16.5	12.0	16...	1010	0.10	15.5	10.0
MAY					NOV				
03...	1120	178	11.5	11.5	05...	1005	3.4	-0.5	1.0
JUN					DEC				
01...	1055	13	15.5	16.5	10...	1030	66	0.5	6.0
JUL					FEB 1952				
16...	1025	1.6	26.5	21.5	01...	1345	29	11.0	--
AUG					25...	1020	14	-1.0	3.0
03...	0940	14	21.0	17.0	APR				
SEP					07...	1055	20	4.5	4.0
07...	1010	0.82	23.5	20.5	MAY				
22...	1050	134	15.5	16.5	19...	1005	18	17.0	13.5
OCT					JUL				
04...	1000	2.9	11.0	11.0	07...	1000	2.8	26.5	23.5
NOV					AUG				
08...	0940	17	10.5	8.0	18...	1010	1.7	25.0	21.0
DEC					SEP				
06...	1055	82	6.5	8.0	15...	1010	0.37	19.5	20.0
JAN 1949					OCT				
10...	0930	21	10.5	6.5	27...	0930	0.11	15.0	6.0
FEB					DEC				
17...	1720	69	1.0	5.5	17...	0945	9.6	1.5	0.5
MAR					JAN 1953				
09...	0940	2.7	9.0	4.0	19...	0955	20	-2.0	4.0
APR					MAR				
05...	0930	8.4	10.0	8.5	26...	1050	54	1.0	6.0
MAY									
02...	1030	14	19.0	20.0					

MONONGAHELA RIVER BASIN  
03052500 SAND RUN NEAR BUCKHANNON, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1953					AUG 1957				
22...	0935	1.9	20.0	23.0	05...	0935	0.60	18.0	19.5
JUL					SEP				
28...	0955	2.6	26.0	22.0	03...	0915	0.02	26.0	24.5
AUG					OCT				
27...	0900	0.11	20.5	18.5	07...	1035	28	9.5	12.0
SEP					NDV				
21...	0850	0.01	18.5	17.5	04...	1035	4.0	15.0	10.0
DEC					JAN 1958				
21...	1515	7.3	12.0	1.0	07...	0900	11	-6.5	0.5
JAN 1954					MAR				
19...	1045	33	9.0	4.0	24...	1045	88	8.0	6.5
26...	1105	36	18.0	6.5	SEP				
FEB					09...	0850	10	18.5	17.5
10...	1055	10	9.0	1.5	29...	1400	2.1	24.5	14.0
MAR					NOV				
19...	0955	21	15.5	5.5	20...	1500	7.1	16.5	10.0
APR					JAN 1959				
14...	1005	13	24.0	7.5	12...	1540	7.1	7.0	3.5
JUN					MAR				
01...	1205	1.5	29.5	23.5	31...	1500	11	21.0	7.5
15...	1030	1.2	32.0	24.5	MAY				
AUG					18...	1545	16	22.0	3.5
23...	1055	39	29.5	24.5	JUL				
SEP					07...	1515	12	29.5	10.0
28...	1015	2.5	20.5	16.5	OCT				
OCT					20...	1145	0.32	15.5	13.0
12...	1035	6.8	24.0	18.5	JAN 1960				
NOV					25...	1225	23	0.0	1.0
16...	1000	6.4	10.5	8.0	MAR				
DEC					11...	1405	12	5.5	1.5
22...	1125	24	-6.0	0.0	APR				
APR 1955					29...	1110	7.8	16.5	11.5
29...	1030	36	14.0	10.5	JUN				
MAY					14...	1105	4.4	23.5	20.5
31...	1045	4.2	14.5	15.5	JUL				
JUN					29...	1415	4.1	29.5	23.5
21...	1015	0.93	25.0	22.0	OCT				
AUG					12...	1530	1.6	24.0	16.0
11...	1045	0.43	27.0	25.5	NOV				
SEP					22...	1520	3.7	17.0	5.5
29...	1500	0.08	29.5	24.0	JAN 1961				
NOV					11...	1015	16	--	0.0
02...	1010	2.5	14.5	9.0	MAR				
DEC					20...	1035	55	10.5	6.5
02...	1200	12	5.0	1.0	APR				
APR 1956					25...	1445	31	19.0	14.5
09...	1140	44	10.0	6.5	JUN				
MAY					07...	1045	25	--	15.0
14...	1115	14	22.0	19.0	JUL				
JUN					25...	1330	8.6	--	22.0
12...	1020	4.4	26.5	19.5	AUG				
JUL					30...	1445	3.1	--	24.0
23...	1010	8.6	20.5	19.0	OCT				
AUG					17...	1400	8.3	--	11.5
13...	1500	6.4	22.0	21.5	NDV				
OCT					15...	1445	10	--	13.5
30...	1025	9.5	19.0	12.5	DEC				
NOV					19...	1030	126	--	8.0
12...	0935	5.5	14.5	8.0	JAN 1962				
MAR 1957					25...	1450	45	12.0	5.0
04...	1030	33	0.0	1.0	MAR				
APR					26...	1025	28	12.0	4.5
22...	1020	14	19.0	15.5	APR				
MAY					26...	1025	19	22.0	11.0
20...	1050	92	18.5	15.5	JUL				
JUL					23...	1545	1.6	30.0	--
01...	0945	35	18.5	17.0					

MONONGAHELA RIVER BASIN  
03052500 SAND RUN NEAR BUCKHANNON, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1962				
18...	1310	2.6	19.5	13.5
JAN 1963				
03...	1500	20	--	0.0
FEB				
08...	1420	25	-6.5	0.5
MAY				
06...	1425	11	--	18.5
JUN				
17...	1430	5.8	--	19.5
JUL				
22...	1340	2.5	--	23.0
SEP				
04...	1415	19	--	19.5
OCT				
14...	1415	0.12	--	12.0
NOV				
19...	1425	3.0	--	10.0
FEB 1964				
15...	1540	21	7.0	--
APR				
27...	1305	17	--	12.0
29...	0955	32	--	13.5
MAY				
18...	1405	3.6	--	19.5
JUL				
13...	0905	7.5	--	18.0
OCT				
08...	1330	0.58	--	11.5
NOV				
24...	1445	2.5	--	1.5
JAN 1965				
07...	1455	18	13.5	5.5
FEB				
24...	1410	11	--	1.0
JUN				
16...	1415	0.03	--	20.0
JUL				
21...	1455	1.2	--	23.5
SEP				
16...	1325	0.77	--	23.5
28...	1430	1.0	--	16.0
NOV				
02...	1410	0.86	--	7.5
18...	1550	2.7	--	4.5
DEC				
08...	1445	1.6	--	1.0
FEB 1966				
04...	1535	8.9	--	0.0
AUG				
01...	1340	0.21	--	23.5
31...	1000	0.05	--	20.0
SEP				
26...	1445	2.2	--	13.5
OCT				
26...	1435	1.2	--	8.5
DEC				
08...	1415	50	--	10.5
APR 1967				
25...	1427	27	8.0	10.5
MAY				
25...	0910	14	--	13.0
JUL				
11...	1450	1.5	--	23.0



MONONGAHELA RIVER BASIN  
03052500 SAND RUN NEAR BUCKHANNON, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
AUG 1967						
10...	1315	2.4	--	--	--	21.5
SEP						
19...	1400	0.04	--	--	--	22.0
OCT						
31...	1420	7.6	--	--	--	10.5
DEC						
05...	1443	48	--	--	--	6.0
JAN 1968						
11...	1240	19	--	--	--	0.5
JUN						
18...	1435	4.5	--	--	--	20.0
JUL						
22...	1145	2.0	--	--	26.0	24.0
SEP						
30...	1010	0.11	--	--	--	10.5
NOV						
05...	1500	1.5	--	--	--	13.5
DEC						
12...	1415	10	--	--	11.5	0.5
JAN 1969						
16...	1335	9.0	--	--	3.0	--
FEB						
28...	1455	9.9	--	--	--	5.0
APR						
07...	1535	57	--	--	--	11.5
MAY						
15...	1440	22	--	--	--	16.0
JUN						
20...	1010	8.9	--	--	--	18.0
JUL						
22...	1405	3.0	--	--	--	24.0
AUG						
26...	1520	4.1	--	--	--	21.5
OCT						
06...	1045	3.3	--	--	--	11.5
NOV						
12...	1420	16	--	--	--	10.0
DEC						
16...	0950	40	--	--	-3.0	0.0
JAN 1970						
26...	0940	120	--	--	1.5	0.0
MAR						
09...	0855	24	--	--	-2.0	1.5
APR						
21...	0945	17	56	6.40	18.5	4.0
JUN						
01...	1625	98	90	7.30	25.5	23.0
JUL						
15...	1015	1.4	--	--	24.5	21.0
AUG						
20...	0935	0.43	--	--	20.5	21.0
OCT						
20...	1000	3.1	--	--	11.0	8.0
DEC						
01...	1000	8.4	--	--	1.0	1.5
JAN 1971						
12...	1115	17	--	--	3.0	3.0
FEB						
09...	1540	67	--	--	-12.0	1.0
MAR						
22...	1020	49	--	--	-7.5	0.5
MAY						
03...	1025	15	--	--	5.0	6.0

## MONONGAHELA RIVER BASIN

03052500 SAND RUN NEAR BUCKHANNON, WV---Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1971						
05...	1025	0.40	--	--	22.0	20.0
AUG 12...	1815	5.6	--	--	26.0	21.0
SEP 14...	1425	55	--	--	21.0	17.0
NOV 04...	0820	31	--	--	0.5	9.0
DEC 09...	1530	45	--	--	19.0	9.0
JAN 1972						
13...	1100	50	--	--	12.0	7.0
FEB 25...	0930	195	--	--	12.0	9.0
APR 06...	0900	55	60	6.50	10.0	7.0
MAY 19...	0900	49	--	--	22.0	13.0
JUN 14...	1530	24	--	--	25.0	19.0
JUL 13...	1240	7.5	--	--	27.0	20.5
SEP 14...	1630	0.50	--	--	26.0	16.0
NOV 16...	1300	39	--	7.20	4.5	9.0
DEC 14...	1000	36	--	--	-1.0	3.0
MAR 1973						
15...	1100	13	--	--	25.0	12.0
MAY 17...	0945	16	60	7.00	13.0	10.5
JUN 20...	1700	1.8	70	6.80	27.0	22.0
JUL 17...	1710	0.14	--	--	27.0	20.0
AUG 15...	1315	7.8	--	--	22.0	19.0
OCT 31...	0930	36	110	6.90	7.5	8.0
DEC 17...	1415	29	140	7.00	--	--
FEB 1974						
07...	1000	28	--	7.10	5.0	6.5
MAR 06...	1000	34	90	6.30	5.5	6.0
APR 04...	0950	235	--	7.30	7.5	5.0
MAY 01...	0810	15	85	7.30	12.0	9.5
30...	0900	15	--	6.90	12.5	11.0
JUL 02...	1030	7.0	--	--	29.0	18.0
SEP 16...	1130	19	--	6.30	19.0	15.0
OCT 17...	1350	19	110	6.50	18.0	12.0
NOV 13...	1125	22	125	6.30	5.0	6.0
DEC 18...	1430	35	--	--	2.0	3.5
JAN 1975						
16...	1320	13	--	--	0.0	0.5
MAR 20...	1010	226	--	--	9.0	2.0
APR 1975						
18...	1357	8.3	68	6.30	22.0	12.0
MAY 14...	0910	12	--	--	18.5	12.0
AUG 13...	1030	1.3	90	7.00	27.0	20.5
SEP 11...	1705	0.32	--	7.00	29.0	21.0

## MONONGAHELA RIVER BASIN

03053500 BUCKHANNON RIVER AT HALL, WV

LOCATION.--Lat 39°03'05", Long 80°06'50", Barbour County, Hydrologic Unit 05020001, on right bank 0.2 mi upstream from highway bridge at Hall, 1.0 mi upstream from Pecks Run, and at mile 7.5.

DRAINAGE AREA.--277 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--June 1907 to May 1909 (gage heights only), April 1915 to current year. Monthly discharge only for some periods, published in WSP 1305.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					APR 1948				
09...	1445	64	30.0	28.5	08...	1430	376	22.0	15.0
AUG					MAY				
24...	0840	116	20.5	20.5	06...	1510	1740	23.0	13.0
SEP					JUN				
26...	1050	586	23.0	19.5	09...	1430	1970	19.0	16.5
OCT					JUL				
08...	1440	168	19.0	15.5	15...	1410	700	26.5	22.0
NOV					AUG				
06...	1000	304	15.0	8.0	06...	1215	2230	19.5	17.0
DEC					SEP				
14...	0900	584	-1.0	0.0	22...	1325	4600	19.5	18.0
JAN 1946					DCT				
08...	1640	3.8	10.0	8.0	07...	1000	70	23.5	15.5
FEB					NOV				
11...	1700	1.1	-4.0	0.5	16...	1420	425	20.5	7.5
MAR					DEC				
05...	1415	432	19.0	8.0	13...	1420	357	16.5	5.5
APR					JAN 1949				
01...	1530	1400	16.0	11.0	17...	1325	712	8.0	6.0
MAY					FEB				
14...	1420	1030	18.0	13.5	16...	1550	5040	9.0	8.5
JUN					MAR				
10...	1600	147	26.0	25.0	21...	1535	982	15.5	3.5
JUL					APR				
02...	1710	1030	25.5	22.0	20...	1400	471	12.0	9.0
AUG					MAY				
05...	1145	11	30.0	28.0	05...	1245	222	29.0	21.0
SEP					JUN				
09...	1555	3.0	31.5	26.5	27...	1735	46	26.5	26.5
DCT					JUL				
05...	1415	8.7	21.0	18.0	21...	1500	358	23.5	23.0
DEC					AUG				
02...	1415	128	-5.0	3.5	30...	1315	125	25.0	23.0
JAN 1947					SEP				
15...	1440	397	11.5	5.5	19...	1215	40	21.0	23.0
FEB					OCT				
03...	1435	600	10.5	2.0	06...	1340	100	20.5	18.0
APR					NOV				
03...	1440	1320	9.0	9.5	17...	1410	258	3.0	6.0
MAY					DEC				
06...	1015	657	12.0	11.5	19...	1435	1090	12.0	5.0
JUN					JAN 1950				
19...	1430	126	26.0	21.0	19...	1430	1440	-0.5	5.5
JUL					FEB				
07...	1145	26	19.5	23.0	23...	1350	900	-0.5	3.0
AUG					APR				
11...	1435	48	33.5	30.0	18...	1320	224	15.5	10.0
NOV					JUL				
07...	1440	82	16.5	11.5	25...	1440	479	24.5	21.5
DEC					AUG				
04...	0945	142	2.0	1.0	28...	1435	29	25.0	26.5
JAN 1948					SEP				
08...	1605	403	10.0	1.0	28...	1405	210	25.5	12.0
FEB					DCT				
17...	1320	1320	10.5	5.0	19...	1225	151	23.0	14.0
MAR					MAR 1951				
03...	1600	2050	8.5	8.0	27...	1220	551	14.5	6.0

MONONGAHELA RIVER BASIN  
03053500 BUCKHANNON RIVER AT HALL, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
APR 1951					FEB 1956				
26...	1315	547	15.5	15.0	29...	1045	1030	-2.0	3.5
JUL					APR				
26...	1325	120	25.5	22.0	09...	1420	1100	13.0	6.5
AUG					JUN				
23...	1515	9.6	25.5	22.0	12...	1330	145	28.0	24.5
SEP					JUL				
18...	1410	43	24.5	20.0	23...	1235	134	23.5	24.0
OCT					OCT				
15...	1330	11	25.5	13.0	02...	1355	131	19.5	16.0
NOV					30...	1250	311	25.0	15.0
29...	1445	548	9.0	4.0	DEC				
FEB 1952					17...	1320	1650	13.5	9.5
19...	1235	549	2.5	3.0	MAY 1957				
APR					27...	1100	151	21.0	20.5
02...	1445	412	10.5	10.0	AUG				
MAY					21...	1405	6.4	26.0	20.5
14...	1500	1570	15.5	12.0	SEP				
JUL					05...	1235	4.0	23.5	21.0
01...	1340	114	24.5	26.0	JUN 1958				
AUG					17...	1515	519	23.5	18.5
11...	1510	21	24.5	28.0	SEP				
SEP					30...	1250	69	20.5	18.5
30...	1300	11	24.5	19.0	NOV				
NOV					12...	1330	273	10.0	4.5
06...	1115	4.3	8.5	8.0	JAN 1959				
DEC					13...	1225	153	7.0	2.0
17...	1200	261	4.5	1.0	MAR				
FEB 1953					31...	1315	313	13.0	4.5
04...	1030	527	3.0	4.0	MAY				
APR					18...	1320	516	25.5	9.0
15...	1110	1250	13.0	8.5	JUL				
MAY					14...	1050	30	28.0	21.0
12...	1235	595	24.5	15.5	AUG				
JUN					24...	1200	64	26.5	26.0
22...	1135	50	23.5	26.0	OCT				
JUL					06...	1150	18	26.5	19.5
28...	1150	45	28.0	23.5	NOV				
AUG					13...	1200	157	19.0	4.5
27...	1135	9.9	25.5	23.5	DEC				
SEP					17...	1100	707	17.0	6.0
21...	1050	4.6	18.5	19.0	FEB 1960				
OCT					01...	1230	669	4.5	1.0
12...	1140	1.4	25.5	14.0	MAR				
MAR 1954					18...	1415	619	3.0	0.5
17...	1355	969	4.5	2.0	MAY				
MAY					06...	1325	204	22.0	13.5
19...	1320	386	18.5	6.0	JUN				
JUL					16...	1150	116	26.0	24.0
14...	1245	123	33.5	25.5	AUG				
SEP					02...	1445	65	30.0	25.5
28...	1215	59	29.5	25.5	SEP				
NOV					15...	1150	333	25.5	16.5
16...	1225	210	17.5	5.0	NOV				
FEB 1955					01...	1150	382	15.5	11.0
09...	1200	1820	5.0	3.0	OEC				
MAY					15...	1230	371	1.5	0.5
31...	1330	85	15.5	20.0	MAR 1961				
JUN					20...	1350	1240	13.5	6.5
21...	1245	66	26.5	24.0	MAY				
AUG					02...	1300	2440	12.0	10.0
11...	1415	16	29.5	28.5	JUL				
SEP					27...	1200	190	25.5	21.0
15...	1300	5.1	32.0	26.5	SEP				
NOV					13...	1135	62	29.0	24.5
02...	1300	56	16.0	11.0	OCT				
DEC					12...	1130	109	25.5	15.5
20...	1505	113	-7.0	0.0					

MONONGAHELA RIVER BASIN  
03053500 BUCKHANNON RIVER AT HALL, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1962				
25...	1515	1410	--	4.5
MAR				
12...	1430	3910	--	8.0
APR				
18...	1340	919	--	6.5
JUN				
01...	1245	91	--	23.0
JUL				
09...	1400	65	--	26.5
AUG				
27...	1350	15	--	24.5
OCT				
15...	1430	178	--	18.5
NOV				
26...	1525	668	--	4.5
JAN 1963				
09...	1520	228	--	1.5
MAY				
06...	1220	322	--	15.5
JUN				
17...	1030	119	--	18.5
JUL				
22...	1100	360	--	20.5
SEP				
04...	1035	455	--	21.0
OCT				
14...	1240	5.9	--	11.0
NOV				
19...	1255	84	--	8.0
MAY 1964				
18...	1215	114	--	21.0
JUN				
30...	1215	46	31.0	28.0
SEP				
21...	1245	4.9	--	22.0
OCT				
26...	1525	30	--	11.0
NOV				
23...	1250	263	--	4.5
FEB 1965				
18...	1355	322	--	4.5
JUN				
16...	1230	16	--	20.5
JUL				
21...	1235	60	--	24.5
AUG				
27...	1220	14	--	24.0
SEP				
28...	1235	55	--	17.0
NOV				
02...	1230	41	--	7.0
DEC				
08...	1300	66	--	2.0
JAN 1966				
10...	1300	483	4.0	1.5
JUN				
13...	1310	78	--	25.0
JUL				
18...	1210	6.7	--	26.0
AUG				
24...	1445	130	--	24.5
SEP				
26...	1230	96	--	15.5

MONONGAHELA RIVER BASIN  
03053500 BUCKHANNON RIVER AT HALL, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1966						
26...	1235	151	--	--	--	11.0
MAY 1967						
24...	1210	396	--	--	--	15.5
JUL						
11...	1300	178	--	--	--	24.5
AUG						
09...	1250	93	--	--	--	24.5
SEP						
19...	1200	13	--	--	--	21.0
MAR 1968						
19...	1540	1250	--	--	--	9.5
APR						
29...	1415	193	--	--	--	12.0
JUN						
11...	1305	201	--	--	--	25.0
JUL						
15...	1325	39	--	--	--	26.5
SEP						
25...	1420	13	--	--	--	21.0
NOV						
05...	1300	69	--	--	--	13.5
DEC						
11...	1325	280	--	--	--	0.5
FEB 1969						
28...	1250	225	--	--	--	3.5
MAY						
21...	1050	297	--	--	--	19.0
JUN						
25...	1510	46	--	--	--	21.0
JUL						
31...	1215	141	--	--	--	24.0
SEP						
04...	1055	105	--	--	--	23.5
OCT						
06...	1315	100	--	--	--	18.0
NOV						
10...	1510	732	--	--	--	8.0
DEC						
16...	1600	1040	--	--	-5.0	3.0
JAN 1970						
28...	1350	1200	--	--	16.0	1.0
MAR						
10...	1445	469	--	--	5.5	4.0
APR						
21...	1205	421	--	--	28.0	13.0
JUN						
01...	1555	40	--	--	32.0	28.0
JUL						
14...	1245	219	--	--	29.5	22.0
AUG						
25...	1130	402	80	6.20	27.0	21.0
OCT						
06...	1105	81	85	6.00	21.5	13.0
NOV						
17...	1130	771	75	6.00	6.5	5.5
DEC						
29...	1200	502	90	6.20	-1.5	0.5
FEB 1971						
11...	1015	820	--	--	-10.5	0.5
MAR						
24...	0915	1240	--	--	-8.0	0.5
MAY						
05...	0955	345	--	--	16.5	10.0

MONONGAHELA RIVER BASIN  
03053500 BUCKHANNON RIVER AT HALL, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1971						
15...	1055	141	80	6.80	23.0	22.0
JUL						
28...	1130	96	60	6.30	26.0	24.0
SEP						
08...	1120	34	85	6.80	27.0	25.0
OCT						
20...	1115	48	100	6.00	15.0	18.5
DEC						
01...	1135	1870	60	6.20	6.0	5.0
28...	1200	288	80	6.20	15.5	9.0
FEB 1972						
08...	1135	490	81	6.00	-4.0	0.0
MAR						
21...	1230	690	60	6.00	22.0	8.0
MAY						
02...	1135	403	73	6.20	22.0	16.0
JUN						
06...	1200	122	80	6.80	22.0	19.0
JUL						
12...	1215	231	75	6.20	30.0	20.5
AUG						
14...	1235	120	75	6.20	32.0	27.0
SEP						
13...	1130	74	110	6.80	25.0	21.0
OCT						
12...	1100	241	59	7.70	15.0	12.0
DEC						
06...	1030	1320	--	6.50	14.5	9.5
JAN 1973						
03...	1130	322	--	7.20	-1.0	3.0
FEB						
07...	1115	1270	--	6.80	8.0	5.0
MAR						
06...	1815	602	--	6.70	16.0	8.5
APR						
05...	0845	1700	65	7.00	6.0	8.0
MAY						
02...	1350	873	75	6.40	21.5	11.0
JUN						
05...	1540	294	65	6.30	26.0	17.0
JUL						
03...	1155	37	110	6.80	25.0	26.0
25...	1050	150	160	6.60	25.0	22.0
AUG						
23...	1245	667	220	6.90	21.0	20.0
SEP						
20...	1645	164	200	7.00	16.0	14.5
OCT						
26...	1300	51	230	7.20	12.5	11.5
JAN 1974						
17...	1400	553	120	6.80	5.0	6.5
FEB						
07...	1315	567	185	7.00	3.0	5.5
MAR						
06...	1200	884	85	6.40	6.5	6.0
MAY						
07...	0940	395	85	6.70	5.0	7.0
JUN						
05...	1945	947	--	6.50	20.5	13.5
AUG						
05...	1400	48	--	--	26.0	20.0
26...	1220	38	105	--	27.0	25.0

MONONGAHELA RIVER BASIN  
03053500 BUCKHANNON RIVER AT HALL, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1974						
02...	1345	62	110	7.90	7.0	13.0
30...	1315	100	85	7.60	15.0	12.5
DEC						
04...	1200	506	8	8.00	1.0	3.0
JAN 1975						
07...	1445	675	--	6.00	10.0	3.5
FEB						
04...	1320	1080	125	6.20	1.0	3.0
MAR						
05...	1320	238	170	6.00	0.5	1.5
APR						
09...	1320	411	100	6.00	18.0	9.5
MAY						
03...	1325	151	115	7.00	20.5	17.5
08...	1105	1030	65	6.00	13.0	12.0
AUG						
04...	1420	18	115	7.00	29.0	30.5
SEP						
03...	1155	56	290	6.70	27.0	23.0



# MONONGAHELA RIVER BASIN

03054500 TYGART VALLEY RIVER AT PHILIPPI, WV

LOCATION.--Lat 39°09'00", long 80°02'25", Barbour County, Hydrologic Unit 05020001, on right bank at Philippi, 0.2 mi downstream from Anglins Run, 5.0 mi downstream from Buckhannon River, and at mile 44.9.

DRAINAGE AREA.--916 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--April 1940 to current year. Prior to October 1960, published as Tygart River at Philippi.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					JAN 1949				
12...	0755	246	13.5	23.0	18...	1120	1960	7.0	6.0
AUG					FEB				
23...	1610	67	25.0	24.5	16...	1530	14000	8.5	7.5
SEP					APR				
07...	1510	148	27.0	26.0	09...	1410	5840	8.5	8.5
OCT					MAY				
09...	1530	1630	19.5	13.0	04...	1045	933	26.0	19.5
NOV					JUN				
07...	1000	782	20.0	8.5	03...	1310	395	26.0	21.5
DEC					JUL				
12...	1800	2140	-4.5	0.5	08...	1245	196	30.0	26.5
JAN 1946					SEP				
05...	0950	2270	10.5	2.5	08...	1440	226	20.0	21.5
MAR					DCT				
14...	1250	1480	20.5	8.5	05...	0930	270	21.0	17.5
MAY					NOV				
14...	1705	2870	20.0	14.5	03...	0815	2500	8.5	9.5
JUL					DEC				
11...	1510	903	26.0	26.5	05...	1000	1330	0.0	2.0
SEP					JAN 1950				
12...	1545	16	28.0	23.0	05...	1500	3600	11.0	9.5
NOV					APR				
04...	1300	92	20.0	16.0	12...	1045	1120	6.5	8.5
DEC					MAY				
05...	1140	175	4.0	1.0	10...	1340	1130	24.0	16.0
MAY 1947					JUL				
09...	0840	1450	8.0	8.5	12...	1310	214	27.0	22.0
AUG					SEP				
13...	1600	264	32.0	29.0	13...	1000	266	24.0	22.0
SEP					DEC				
05...	1040	127	22.5	25.0	19...	1055	934	-2.0	0.0
DCT					JAN 1951				
15...	1145	52	22.5	18.5	08...	1140	2560	-8.5	1.0
NOV					APR				
05...	1620	116	15.5	13.0	09...	1115	6680	12.0	8.0
10...	1550	262	10.5	8.0	JUL				
DEC					09...	1140	297	22.0	20.0
03...	1520	376	9.0	0.5	AUG				
JAN 1948					06...	1100	60	25.5	26.0
09...	1230	1300	8.0	2.5	SEP				
MAR					10...	1115	316	26.0	20.0
05...	1235	3150	1.0	4.0	OCT				
APR					01...	1105	24	23.0	20.0
07...	1335	1600	24.5	13.5	NOV				
16...	1245	7580	22.5	11.5	05...	1055	358	5.0	4.0
MAY					DEC				
05...	1710	6000	13.0	11.5	10...	1245	5640	0.0	1.0
JUN					JAN 1952				
03...	1320	824	17.5	18.5	16...	1130	2580	15.5	9.0
JUL					FEB				
16...	1235	1390	23.0	23.5	25...	1000	1040	3.5	1.0
AUG					AUG				
05...	1600	6360	13.5	18.5	04...	1100	4.0	31.0	26.0
SEP					SEP				
09...	1435	115	23.5	25.5	15...	1040	25	24.5	23.5
DCT					NOV				
06...	1555	212	10.5	13.5	06...	1120	17	11.0	8.0
NOV					DEC				
10...	1110	2360	8.5	10.5	08...	1130	542	10.0	2.5

# MONONGAHELA RIVER BASIN

03054500 TYGART VALLEY RIVER AT PHILIPPI, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1953					JUL 1959				
19...	0945	1870	1.5	5.0	16...	1335	53	31.0	24.5
MAR					AUG				
02...	1135	905	3.0	3.5	20...	1235	101	--	28.0
JUN					OCT				
05...	1140	188	32.0	24.0	05...	1105	26	24.0	23.0
AUG					NOV				
15...	1150	107	24.5	24.5	13...	1150	464	14.5	6.5
OCT					APR 1960				
05...	1015	5.7	15.5	19.5	13...	1235	1350	21.0	7.5
NOV					OCT				
10...	1025	8.0	5.5	5.5	04...	1135	135	17.5	18.0
JAN 1954					NOV				
18...	0930	4840	-9.0	3.5	14...	1120	1680	18.5	5.5
MAR					MAY 1961				
19...	1300	2050	18.5	4.5	17...	1440	1130	29.0	20.0
MAY					JUN				
17...	1050	1100	15.5	11.0	26...	1205	669	24.0	20.0
JUL					OCT				
12...	1105	709	25.5	22.0	27...	1340	910	10.0	8.0
SEP					JAN 1962				
13...	1045	719	21.0	19.0	15...	1220	1650	4.5	3.5
NOV					FEB				
14...	1145	778	13.5	8.5	27...	1300	12000	6.5	2.5
JUN 1955					APR				
03...	1135	193	19.5	20.0	19...	1330	3610	--	6.5
JUL					MAY				
18...	1225	85	26.0	29.0	25...	1130	279	--	23.0
AUG					JUL				
09...	1155	40	29.5	26.0	06...	1045	447	--	23.0
SEP					AUG				
28...	1400	34	24.5	19.5	13...	1440	84	--	24.5
OCT					SEP				
27...	0955	266	21.0	11.5	27...	1100	48	--	16.0
NOV					JAN 1963				
21...	1315	1380	9.5	1.0	04...	1345	1430	1.5	--
MAY 1956					APR				
15...	1205	1140	17.5	19.0	11...	1250	548	--	8.0
JUL					JUN				
05...	1130	390	28.5	25.5	28...	0920	114	--	26.0
SEP					AUG				
21...	1120	466	10.0	14.5	02...	0940	157	--	25.0
NOV					SEP				
07...	1025	837	18.5	14.0	10...	1140	190	--	21.0
JAN 1957					OCT				
14...	1000	2610	-11.0	0.5	16...	1045	14	--	15.0
MAR					NOV				
04...	0945	2950	-9.5	1.0	26...	1150	834	--	5.5
JUN					JUL 1964				
03...	0750	190	18.0	15.5	14...	1045	930	--	20.5
AUG					SEP				
08...	1100	44	29.5	24.0	18...	1300	9.8	--	22.0
30...	1100	20	32.0	25.5	FEB 1965				
OCT					15...	1420	1710	9.0	3.5
14...	0915	123	20.0	12.5	MAR				
DEC					30...	1120	5070	4.0	3.0
03...	1000	568	4.5	0.5	JUL				
MAR 1958					07...	1320	426	--	25.0
26...	1000	8260	3.5	1.5	AUG				
APR					11...	1330	65	--	24.0
21...	1045	1250	17.0	3.5	OCT				
JUN					20...	1545	65	--	15.5
16...	1130	2250	19.0	--	NOV				
AUG					26...	1520	137	--	6.5
27...	0925	1570	22.0	--	DEC				
OCT					20...	1335	284	--	1.0
06...	1025	189	21.0	4.0					
JUN 1959									
10...	1215	438	26.0	23.5					

MONONGAHELA RIVER BASIN  
03054500 TYGART VALLEY RIVER AT PHILIPPI, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1966				
25...	1520	324	--	0.0
MAY				
26...	1445	379	--	23.0
AUG				
29...	1015	131	--	23.0
NOV				
01...	1455	282	--	8.0
JUN 1967				
14...	1135	191	--	26.5
JUL				
19...	1205	279	--	23.5
SEP				
06...	1205	147	--	21.0
OCT				
16...	1215	207	--	15.0
MAY 1968				
01...	1155	402	--	11.5
JUN				
10...	1315	698	29.0	24.5
JUL				
16...	1200	108	28.0	26.0
AUG				
20...	1305	236	34.5	28.0
OCT				
01...	1330	16	23.5	20.0
DEC				
19...	1200	1760	2.0	0.5
MAR 1969				
17...	1520	713	14.5	5.0
APR				
28...	1050	2460	21.0	14.0
MAY				
28...	1050	272	--	19.0
JUL				
01...	1240	195	--	27.0
AUG				
08...	1000	158	--	24.5
SEP				
12...	1120	703	--	18.0
OCT				
20...	1315	167	--	13.0
NOV				
25...	1245	2020	--	5.0
DEC				
16...	1005	3800	-7.0	2.0
JAN 1970				
28...	1120	4210	12.0	11.0
MAR				
09...	1115	1990	1.5	5.0
JUN				
01...	1245	190	24.0	29.0
JUL				
13...	1400	1070	29.0	23.0
AUG				
24...	1230	2560	27.0	21.5
OCT				
05...	1130	254	22.0	14.0
NOV				
16...	1330	2590	4.0	8.0
DEC				
28...	1240	2160	2.0	2.0
FEB 1971				
10...	0950	3640	-13.5	0.0

## MONONGAHELA RIVER BASIN

03054500 TYGART VALLEY RIVER AT PHILIPPI, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAR 1971						
23...	1240	4190	--	--	-2.0	2.0
MAY						
06...	1500	1870	--	--	16.0	11.5
JUN						
14...	1230	521	--	--	28.0	22.0
JUL						
26...	1325	269	--	--	25.5	22.0
SEP						
07...	1210	90	--	--	27.0	25.0
OCT						
18...	1145	187	--	--	22.0	17.0
NOV						
30...	1145	10100	--	--	3.0	6.0
FEB 1972						
07...	1310	2630	--	--	-2.5	0.0
MAR						
20...	1315	2730	--	--	11.0	7.0
MAY						
01...	1115	1460	--	--	25.0	15.0
JUN						
05...	1425	450	--	--	26.0	21.0
AUG						
11...	1230	424	--	--	26.0	21.0
SEP						
12...	1215	114	--	--	19.0	20.0
OCT						
11...	1115	1160	--	7.50	17.0	17.5
NOV						
07...	1120	1290	--	7.40	12.0	13.0
DEC						
08...	0915	6890	--	7.10	8.0	9.0
JAN 1973						
04...	1030	1650	--	--	8.5	5.5
FEB						
06...	1130	2660	--	7.70	4.5	4.0
MAR						
07...	1030	2010	--	7.00	16.0	10.0
APR						
04...	1145	3870	70	7.90	--	9.0
JUL						
03...	1400	293	160	6.90	28.0	26.0
SEP						
19...	1015	43	175	7.10	19.0	17.0
OCT						
23...	1545	188	120	7.90	17.5	15.0
DEC						
19...	0945	1820	180	7.10	2.0	3.0
JAN 1974						
15...	1200	3080	200	7.30	6.0	7.5
MAR						
13...	1230	3420	100	6.40	1.5	6.0
JUN						
04...	1020	7520	--	--	19.5	15.0
JUL						
29...	0920	187	--	--	28.0	20.0
AUG						
26...	1420	156	160	--	31.0	26.0
OCT						
02...	1550	135	180	7.90	8.5	14.0
29...	1125	300	110	7.90	16.0	10.5
JAN 1975						
06...	1225	2750	--	--	6.0	3.0
FEB						
03...	1145	5380	95	6.00	4.5	4.0

MONONGAHELA RIVER BASIN

03054500 TYGART VALLEY RIVER AT PHILIPPI, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAR 1975						
04...	1215	927	135	5.50	3.5	1.0
APR						
08...	1210	1650	130	6.00	10.0	6.0
MAY						
07...	1140	4370	70	6.60	18.0	12.5
JUL						
08...	1105	397	125	7.00	28.0	23.5
AUG						
04...	1220	56	180	7.00	28.0	28.0
SEP						
02...	1225	197	150	7.00	26.0	23.5
29...	1210	324	130	7.00	16.5	16.0

# MONONGAHELA RIVER BASIN

03057000 TYGART VALLEY RIVER AT COLFAX, WV

LOCATION.--Lat 39°26'15", long 80°07'55", Marion County, Hydrologic Unit 05020001 on right bank at highway bridge at Colfax, 300 ft upstream from Guyses Run, and at mile 6.0. Records include flow of Guyses Run.

DRAINAGE AREA.--1,366 mi<sup>2</sup>, including that of Guyses Run.

PERIOD OF STREAMFLOW RECORD.--May 1939 to current year. Prior to October 1960, published as Tygart River at Colfax.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAR 1945					JUL 1948				
06...	1600	1670	20.0	9.0	14...	1240	1130	21.0	18.5
JUN					AUG				
28...	1400	761	31.0	23.0	05...	1035	5390	16.0	20.5
JUL					SEP				
11...	1530	470	20.5	23.0	09...	1045	658	27.5	23.5
AUG					OCT				
22...	1200	432	26.0	23.5	05...	1745	595	15.0	10.5
25...	0830	2160	21.5	19.0	NOV				
SEP					10...	0740	2810	12.5	13.0
05...	1700	866	30.0	24.5	DEC				
OCT					08...	1640	6910	4.5	7.0
04...	1230	806	15.5	15.5	APR 1949				
NOV					17...	0735	1440	4.0	6.5
09...	1115	2900	17.5	11.5	MAY				
DEC					03...	1650	802	24.0	18.5
07...	1535	7960	2.5	4.5	JUN				
JAN 1946					03...	0935	782	23.5	16.5
03...	1130	4300	1.5	2.0	JUL				
FEB					08...	0915	787	28.0	25.5
14...	1700	6530	0.0	1.5	AUG				
MAY					04...	1125	692	24.5	23.5
16...	0850	4460	23.5	14.0	OCT				
JUN					04...	1545	469	21.0	20.0
12...	1115	735	25.0	23.0	NOV				
JUL					02...	1730	6250	11.0	14.0
11...	1000	3860	25.5	21.0	DEC				
SEP					05...	1435	3570	2.5	4.5
12...	1145	395	21.5	21.5	JAN 1950				
NOV					05...	0915	3850	6.5	8.0
08...	1100	525	14.5	11.0	FEB				
FEB 1947					10...	0930	4600	3.5	6.0
05...	1710	3800	-6.5	0.5	MAR				
MAR					07...	1535	2920	10.0	1.0
15...	1035	5340	-1.5	1.0	APR				
MAY					11...	1740	1180	12.0	8.5
06...	1210	465	14.0	13.5	JUN				
JUL					15...	1030	4970	21.5	19.0
10...	1145	459	23.0	21.5	JAN 1951				
AUG					08...	1545	6720	-6.5	1.5
13...	1000	720	28.5	25.5	FEB				
OCT					06...	1430	16000	--	3.0
14...	1630	404	21.5	20.0	JUL				
NOV					09...	1425	769	24.5	21.0
04...	1645	440	13.5	14.0	AUG				
DEC					06...	1440	599	24.5	24.5
03...	0830	2080	-2.0	5.0	SEP				
JAN 1948					10...	1420	484	25.5	19.5
06...	1545	5540	1.0	--	NOV				
FEB					05...	1500	529	4.5	3.5
23...	1800	11800	3.0	5.0	DEC				
MAR					10...	1555	2110	5.5	1.0
04...	1320	9570	0.0	6.5	JAN 1952				
APR					16...	1455	3120	15.5	8.5
07...	1005	3610	15.5	11.0	MAR				
MAY					31...	1530	1240	18.5	8.0
05...	1310	6820	15.5	13.0	JUN				
JUN					19...	1405	287	30.0	25.5
03...	0800	1470	15.5	15.5	20...	0945	381	20.0	23.5

## MONONGAHELA RIVER BASIN

03057000 TYGART VALLEY RIVER AT COLFAX, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
AUG 1952					AUG 1960				
04...	1420	411	30.5	25.5	03...	1800	488	--	24.5
SEP 15...	1355	488	26.0	23.5	DEC 07...	1425	897	--	4.0
OCT 27...	1400	428	18.0	8.0	APR 1961				
DEC 08...	1505	794	18.5	3.0	20...	1035	7790	--	7.5
JUL 1953					JUN 01...	1205	817	--	18.5
13...	1325	696	30.0	24.0	JUL 05...	1100	630	--	20.0
SEP 14...	1440	533	16.5	19.0	SEP 27...	1125	810	--	19.0
NOV 16...	1645	334	10.0	9.5	NOV 03...	1040	2560	--	13.5
DEC 03...	1230	289	10.5	6.0	DEC 05...	1300	1520	--	9.0
MAR 1954					MAY 1962				
22...	1150	5170	8.0	4.5	21...	1140	330	29.5	23.5
MAY 17...	1345	1680	18.0	11.0	NOV 03...	1040	2560	--	13.5
JUL 12...	1405	1390	28.5	21.5	JUL 1963				
APR 1955					02...	1000	270	--	26.0
18...	1300	447	25.5	16.0	18...	0840	331	--	23.5
JUN 07...	0925	418	20.0	21.5	OCT 10...	0945	494	--	15.0
AUG 11...	1330	466	23.5	23.5	MAY 1964				
OCT 19...	1030	631	11.5	13.5	22...	0900	331	--	19.0
NOV 14...	1540	498	14.5	13.5	JUL 09...	1005	340	--	21.5
JAN 1956					SEP 17...	1330	336	29.5	19.0
18...	0915	584	-1.0	0.0	MAY 1965				
JUN 06...	1150	16800	24.0	--	13...	1025	312	21.0	15.5
AUG 30...	1305	807	29.0	21.5	JUN 02...	1750	273	--	21.0
SEP 27...	0915	808	10.5	15.5	JUL 14...	0945	215	--	24.5
OCT 15...	1430	668	25.5	--	AUG 24...	1735	295	--	24.0
MAR 1957					OCT 12...	0915	592	12.0	--
07...	0940	3760	7.5	5.5	NOV 24...	1155	409	9.5	8.5
AUG 08...	1210	462	19.5	21.5	DEC 30...	1415	277	--	3.0
SEP 05...	1540	371	22.0	24.0	MAY 1966				
OCT 09...	1630	533	21.5	18.0	25...	1115	812	--	16.0
MAR 1958					OCT 26...	1250	1040	16.0	11.0
13...	1305	1680	3.5	3.5	DEC 01...	1000	4020	1.0	3.5
AUG 25...	1210	1360	29.5	22.5	JAN 1967				
NOV 19...	1500	2510	13.0	11.0	09...	1530	1770	2.0	0.5
DEC 30...	1515	1450	10.0	3.5	FEB 20...	1400	2450	4.5	1.0
MAY 1959					MAR 30...	0955	1420	22.0	6.0
06...	1500	1960	26.5	6.0	JUN 27...	1458	381	29.0	21.5
JUN 17...	0930	3.7	14.5	4.5	AUG 01...	1020	3360	28.0	24.5
JUL 29...	1330	458	28.0	25.0	SEP 25...	1400	692	26.5	20.5
OCT 14...	1115	475	8.5	4.5	DEC 19...	1020	435	--	6.0
JUN 1960					APR 1968				
23...	1130	412	21.0	20.0	18...	1400	2630	23.0	16.5

# MONONGAHELA RIVER BASIN

03057000 TYGART VALLEY RIVER AT COLFAX, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAY 1968						
29...	1525	14000	--	--	21.5	17.5
JUL						
03...	0930	189	--	--	24.5	20.5
AUG						
15...	1100	518	--	--	30.5	24.5
SEP						
25...	1400	641	--	--	18.5	17.0
DEC						
19...	1010	2240	--	--	1.5	0.5
JAN 1969						
31...	1220	3110	--	--	3.0	0.5
MAR						
13...	1335	850	--	--	1.0	1.0
APR						
21...	1045	1570	--	--	11.5	8.0
MAY						
28...	1730	530	--	--	26.5	23.0
AUG						
21...	1925	6710	--	--	17.0	20.0
OCT						
06...	1140	886	--	--	20.0	18.0
NOV						
05...	1500	1170	--	--	4.0	10.0
FEB 1970						
05...	1315	10800	--	--	0.0	1.0
MAR						
19...	1000	2780	--	--	4.0	2.5
APR						
21...	0825	1810	--	--	--	11.5
JUN						
10...	0925	603	--	--	--	19.0
JUL						
24...	1150	512	--	--	21.5	20.0
OCT						
30...	1240	825	--	--	16.5	16.0
DEC						
07...	1230	2200	--	--	-2.0	5.0
JAN 1971						
21...	1135	2450	--	--	0.0	3.0
MAR						
05...	1100	4370	--	--	2.0	6.5
APR						
15...	1130	864	--	--	15.0	10.0
MAY						
25...	1330	996	--	--	21.0	18.0
JUL						
07...	1145	238	--	--	26.0	24.0
AUG						
17...	1600	520	--	--	31.0	25.0
SEP						
28...	1615	3170	--	--	29.0	20.0
NOV						
12...	1330	1120	--	--	18.0	11.0
DEC						
13...	1345	6490	--	--	16.0	9.0
JAN 1972						
20...	1730	2260	--	--	12.0	6.0
FEB						
28...	1415	19000	--	--	10.0	4.5
APR						
13...	1400	2200	--	7.00	20.0	11.0
MAY						
23...	1215	3100	110	7.00	25.5	15.5



MONONGAHELA RIVER BASIN  
03057000 TYGART VALLEY RIVER AT COLFAX, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1972						
19...	1345	373	145	7.00	27.0	22.0
JUL						
20...	1300	863	130	6.90	30.0	21.0
AUG						
23...	1450	657	--	--	27.0	20.0
SEP						
27...	1045	821	--	--	26.0	20.0
OCT						
25...	1645	1340	--	--	14.5	17.0
DEC						
20...	1600	14700	--	--	9.0	6.0
FEB 1973						
23...	1250	2820	--	--	2.0	1.0
APR						
24...	1500	3540	120	6.40	24.0	14.0
MAY						
23...	1200	1040	120	6.40	17.0	14.0
JUL						
19...	1310	256	140	7.00	25.0	25.0
AUG						
23...	1100	689	140	6.10	16.0	19.0
OCT						
25...	0945	1290	--	6.00	8.0	15.5
DEC						
26...	1330	9120	--	6.10	9.0	4.0
JAN 1974						
24...	1110	5200	--	5.80	5.5	6.5
APR						
30...	1055	452	135	6.20	22.5	16.0
JUN						
05...	1500	17300	--	--	27.0	17.0
JUL						
02...	1240	1640	105	6.20	24.0	19.0
AUG						
06...	1330	334	240	6.80	24.0	23.0
SEP						
04...	1630	1760	165	7.00	20.0	20.0
NOV						
05...	1450	1010	180	6.50	20.0	15.0
JAN 1975						
08...	1045	3550	130	7.00	13.0	4.0
FEB						
04...	1155	12900	--	--	-1.0	5.0
MAR						
11...	1415	5400	--	--	2.0	1.5
AUG						

# MONONGAHELA RIVER BASIN

03057500 SKIN CREEK NEAR BROWNSVILLE, WV

LOCATION.--Lat 38°58'30", long 80°26'40", on right bank 0.6 mi upstream from Glady Fork, 2.6 mi southeast of Brownsville, Lewis County, 3.0 mi upstream from mouth, and 4.7 mi southeast of Weston.

DRAINAGE AREA.--25.7 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1945 to September 1960. Prior to October 1947, published as "near Weston".

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
NOV 1945					FEB 1948				
05...	1330	15	12.0	8.0	02...	1330	10	2.0	0.0
DEC					15...	1135	100	3.0	2.0
03...	1240	56	9.5	6.0	MAR				
JAN 1946					01...	1210	42	6.0	5.5
07...	1225	229	19.0	8.5	24...	1520	414	12.0	10.5
FEB					24...	1645	354	14.0	11.0
04...	1825	11	8.0	1.0	APR				
MAR					05...	1045	23	17.0	11.5
04...	1130	21	23.5	6.5	MAY				
APR					03...	1210	183	12.0	13.0
01...	1240	54	18.5	10.5	JUN				
MAY					07...	1250	58	22.0	19.0
06...	1050	13	20.0	16.5	JUL				
JUN					06...	1215	3.3	30.0	25.5
03...	1250	68	17.0	16.0	AUG				
JUL					02...	1130	7.5	23.5	25.0
02...	1145	294	26.0	20.0	SEP				
AUG					01...	1225	3.9	18.5	22.0
01...	1115	1.5	22.0	21.5	OCT				
05...	1635	1.4	27.0	27.0	04...	1110	2.6	11.0	16.0
SEP					NOV				
02...	1040	0.04	20.5	22.0	01...	1100	10	16.5	11.0
26...	1520	1.2	22.0	23.0	DEC				
OCT					06...	1345	188	8.5	9.0
02...	1630	0.89	13.5	14.5	JAN 1949				
15...	1225	1.6	18.0	15.0	03...	1040	18	3.0	0.5
NOV					MAR				
05...	1225	1.3	16.5	15.5	07...	1200	42	0.0	4.0
DEC					APR				
02...	1515	4.9	-4.0	3.0	04...	1135	12	11.0	10.0
JAN 1947					MAY				
06...	1135	27	-2.0	0.5	02...	1100	13	23.0	18.5
FEB					JUN				
03...	1535	22	8.5	3.0	06...	1350	1.2	26.0	25.5
MAR					JUL				
04...	1450	30	-1.0	0.5	21...	1220	3.4	24.5	26.0
APR					AUG				
02...	1705	22	18.0	11.0	01...	1210	5.7	26.5	25.5
20...	1630	8.8	26.0	19.0	SEP				
MAY					01...	1025	2.5	20.0	22.0
05...	1425	58	10.5	12.0	OCT				
JUN					20...	1045	5.1	20.5	14.0
04...	1115	13	26.0	18.0	NOV				
JUL					07...	1235	17	11.0	9.5
07...	1040	0.82	23.0	22.0	29...	1630	403	11.0	10.5
AUG					DEC				
04...	1100	12	24.5	22.0	12...	1200	110	18.0	9.0
SEP					JAN 1950				
01...	1010	0.48	26.5	25.5	09...	1140	46	13.5	3.5
OCT					FEB				
01...	1410	1.1	15.0	16.0	08...	1135	53	11.5	4.5
NOV					MAR				
03...	1140	1.8	11.0	11.0	06...	1130	28	10.0	5.0
DEC					MAY				
01...	1130	5.9	1.0	0.5	04...	0955	66	26.0	16.0
19...	1040	18	4.5	1.5	JUN				
JAN 1948					05...	1105	86	18.5	15.0
05...	1300	32	-1.0	1.5					

# MONONGAHELA RIVER BASIN

03057500 SKIN CREEK NEAR BROWNSVILLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE WATER (DEG C)	TEMPER- ATURE AIR (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE WATER (DEG C)	TEMPER- ATURE AIR (DEG C)
JUL 1950					NOV 1954				
10...	1230	1.8	22.0	20.0	01...	1035	32	8.0	4.0
31...	1115	6.0	24.0	24.5	DEC				
SEP					02...	1020	24	5.0	0.5
11...	1125	7.0	21.5	28.5	JAN 1955				
OCT					03...	1035	26	4.5	-3.0
09...	1115	2.0	15.0	14.0	FEB				
NOV					08...	1135	110	4.0	1.0
13...	1110	8.2	3.5	8.0	MAR				
FEB 1951					08...	1035	79	4.0	1.0
06...	1215	23	0.0	8.0	APR				
MAR					04...	1035	11	9.5	10.0
12...	1215	19	5.5	10.0	MAY				
APR					02...	1055	14	17.0	20.5
16...	1310	48	8.0	6.0	JUN				
MAY					01...	1125	2.0	20.5	18.0
14...	1125	15	15.5	21.0	JUL				
JUN					11...	1030	0.68	23.0	24.5
11...	1250	45	19.5	24.0	AUG				
AUG					08...	1100	0.01	21.0	25.5
13...	1135	0.59	22.0	28.0	DCT				
NOV					12...	1000	1.1	15.5	30.5
05...	1245	3.0	4.5	1.0	NOV				
DEC					18...	1535	15	5.5	4.5
10...	1530	72	6.5	1.5	DEC				
JAN 1952					14...	1115	3.7	0.5	4.5
28...	1430	363	--	1.5	JAN 1956				
FEB					03...	1130	4.3	1.5	11.0
25...	1240	12	5.0	4.5	FEB				
APR					20...	1040	66	8.0	9.5
17...	1350	30	5.5	6.0	MAR				
MAY					27...	1220	36	9.0	15.5
19...	1310	12	16.0	15.5	APR				
JUL					16...	1125	18	10.5	9.0
07...	1245	0.98	28.0	28.0	MAY				
AUG					15...	1100	21	18.5	19.5
18...	1105	5.3	23.5	26.0	JUN				
SEP					29...	0945	6.3	21.0	21.0
15...	1205	0.31	20.5	21.5	JUL				
DEC					31...	1100	28	25.5	32.0
10...	1445	10	--	16.0	AUG				
JAN 1953					27...	1220	4.8	22.0	25.0
19...	1205	35	5.5	11.0	SEP				
MAR					24...	1130	53	17.5	18.0
09...	1120	21	3.5	2.5	NOV				
APR					12...	1125	4.3	10.0	17.0
22...	1110	86	8.0	16.5	MAR 1957				
JUN					04...	1320	32	4.5	4.5
01...	1115	2.6	24.0	21.0	MAY				
JUL					20...	1325	19	19.0	18.5
13...	1040	0.33	23.5	25.0	JUL				
AUG					01...	1145	14	22.0	23.5
18...	1025	0.18	22.0	16.5	AUG				
JAN 1954					05...	1130	0.09	25.5	20.5
04...	1220	3.6	3.5	4.5	SEP				
FEB					19...	1030	0.24	24.5	23.0
01...	1030	8.7	1.0	1.0	27...	1150	0.08	14.5	11.5
MAR					OCT				
08...	1215	37	4.5	11.5	07...	1230	15	12.0	11.0
APR					23...	1420	2.0	13.0	16.0
05...	0815	17	6.0	10.5	NOV				
MAY					04...	1230	3.2	13.0	19.0
10...	0820	43	2.0	19.0	DEC				
JUL					09...	1205	141	6.5	3.5
06...	1030	18	20.0	22.0	MAR 1958				
SEP					24...	1500	28	6.0	6.5
13...	0940	5.8	14.5	21.0					
OCT									
04...	1040	3.1	19.0	22.0					

MONONGAHELA RIVER BASIN

03057500 SKIN CREEK NEAR BROWNSVILLE, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE WATER (DEG C)	TEMPER- ATURE AIR (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	TEMPER- ATURE WATER (DEG C)	TEMPER- ATURE AIR (DEG C)
JUN 1958					MAR 1961				
25...	1440	5.3	23.5	29.5	17...	1355	26	6.0	--
JUL					APR				
28...	1135	25	23.5	28.0	21...	1105	20	10.0	--
SEP					JUN				
29...	1040	4.1	13.0	15.5	02...	1355	3.6	24.0	--
MAY 1959					JUL				
18...	1135	21	4.5	24.5	17...	1155	71	19.0	--
SEP					AUG				
10...	1030	0.19	25.0	28.0	24...	1045	1.3	23.0	--
JAN 1960					OCT				
26...	1350	26	6.5	9.0	04...	1110	75	12.0	--
MAR					NDV				
15...	1350	30	2.5	6.5	08...	1050	27	9.5	--
APR					MAR 1962				
26...	1100	5.2	19.0	25.0	08...	1450	77	3.5	12.0
JUN					APR				
07...	1100	2.5	21.0	20.0	17...	1255	53	6.5	14.5
JUL					MAY 1963				
21...	1050	4.1	21.5	22.0	07...	1355	5.0	20.0	--
AUG					JUN				
30...	1025	2.2	24.0	24.5	19...	1340	2.5	21.0	--
OCT					OCT				
11...	1025	4.8	15.5	15.5	15...	1415	0.24	17.0	--
NOV					DCT 1964				
15...	1050	16	9.0	21.0	08...	1120	0.40	10.5	--
FEB 1961					JUL 1965				
10...	1330	68	1.0	0.5	15...	1015	4.0	24.0	--

# MONONGAHELA RIVER BASIN

03058000 WEST FORK RIVER AT BROWNSVILLE, WV

LOCATION.--Lat 39°00'10", long 80°28'35", Lewis County, Hydrologic Unit 05020002, on right bank at downstream side of highway bridge at Brownsville, 0.4 mi downstream from Skin Creek, 2.5 mi south of Weston, and at mile 71.0. October 1984 to present at site 1.4 miles downstream.

DRAINAGE AREA.--102 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--August 1946 to current year. October 1984 to present, published as "West Fork River at Ben Dale (03058006)."

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
AUG 1946					DCT 1948				
05...	1435	2.5	26.5	26.5	04...	1250	14	11.0	18.5
SEP					NOV				
02...	1140	0.23	25.0	16.5	01...	1330	18	15.5	13.0
OCT					29...	1320	1680	7.5	8.0
02...	1500	4.5	14.5	16.0	29...	1610	1670	6.0	8.0
15...	1115	7.1	18.0	14.0	JAN 1949				
NOV					03...	1450	87	6.0	1.0
05...	1445	5.2	13.0	15.0	FEB				
DEC					07...	1215	217	4.0	4.5
02...	1405	26	-3.5	6.0	MAR				
JAN 1947					07...	1530	221	2.0	6.5
06...	1315	125	0.5	1.0	APR				
FEB					04...	1325	53	13.5	12.0
03...	1415	104	4.5	3.0	MAY				
MAR					02...	1310	69	22.0	18.5
04...	1340	108	-1.0	1.0	JUN				
25...	1645	1120	-1.0	5.5	07...	1055	7.5	23.5	22.0
APR					AUG				
03...	0840	87	4.5	10.0	01...	1540	20	29.0	26.5
20...	1525	36	29.0	16.0	SEP				
MAY					01...	1220	18	20.5	23.0
05...	1630	202	11.0	10.5	OCT				
JUN					20...	1210	34	21.5	16.0
04...	1430	80	29.0	20.0	NOV				
JUL					07...	1010	88	18.0	9.0
07...	1205	2.7	25.5	24.5	DEC				
AUG					12...	1115	556	16.0	8.5
04...	1325	76	22.0	24.0	JAN 1950				
SEP					09...	1455	234	13.0	4.5
01...	1130	4.0	26.5	27.0	FEB				
OCT					08...	1305	214	11.5	6.0
01...	1715	5.0	11.5	15.5	MAR				
NOV					06...	1350	119	11.0	5.5
01...	1320	31	7.5	3.5	APR				
03...	1320	8.4	16.5	14.5	06...	1105	413	1.0	8.0
JAN 1948					MAY				
05...	1510	155	-0.5	3.0	04...	1140	366	26.5	16.5
FEB					JUN				
02...	1535	32	0.0	2.0	05...	1320	1140	20.0	14.5
15...	1445	676	7.5	4.0	JUL				
15...	1630	597	8.0	4.0	10...	1545	12	24.0	25.0
MAR					31...	1420	31	30.0	27.0
01...	1420	234	13.5	6.5	NOV				
10...	0920	147	0.0	5.5	13...	1305	41	9.5	7.0
APR					MAR 1951				
05...	1430	131	15.0	12.5	12...	1350	99	18.0	7.0
MAY					16...	1515	241	5.0	8.0
03...	1410	888	12.5	13.5	APR				
JUN					14...	1440	89	22.0	15.0
07...	1310	255	20.0	18.5	MAY				
JUL					13...	1515	73	29.5	24.0
06...	1545	31	25.0	27.0	AUG				
AUG					10...	1135	9.0	26.0	23.5
02...	1345	60	--	24.5	SEP				
SEP					01...	1250	0.28	27.0	18.5
01...	1545	26	23.5	24.0	16...	1325	0.05	24.0	16.0
22...	1355	962	18.5	19.0					
22...	1600	955	18.5	19.0					

MONONGAHELA RIVER BASIN  
03058000 WEST FORK RIVER AT BROWNSVILLE, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
NOV 1951					NOV 1955				
05...	1455	16	4.0	6.5	18...	1430	63	4.5	5.5
DEC					JAN 1956				
10...	1350	473	2.0	8.0	03...	1315	16	6.5	0.5
11...	1105	234	1.5	7.0	FEB				
FEB 1952					20...	1355	328	9.5	8.0
25...	1445	59	5.5	5.5	MAR				
MAY					27...	1650	149	15.5	9.0
19...	1530	66	21.0	18.0	MAY				
JUL					15...	1225	81	19.5	17.0
07...	1520	12	29.5	28.0	JUN				
AUG					29...	1100	153	24.0	21.5
18...	1710	34	23.5	23.5	JUL				
SEP					31...	1245	150	33.5	20.0
15...	1415	937	24.0	22.0	AUG				
OCT					27...	1445	24	30.0	20.0
07...	1355	0.33	13.0	14.0	SEP				
27...	1205	0.11	18.0	9.0	24...	1315	115	20.0	18.0
JAN 1953					NOV				
19...	1405	140	13.5	7.0	12...	1320	13	13.0	9.5
MAR					MAR 1957				
09...	1330	103	4.5	3.5	04...	1620	165	7.0	5.5
APR					MAY				
22...	1200	387	18.0	9.0	20...	1525	76	17.0	20.0
JUN					AUG				
01...	1335	8.9	20.0	23.5	05...	1405	0.72	20.0	24.0
JUL					SEP				
13...	1300	3.5	28.0	24.5	19...	1140	0.53	25.0	24.0
AUG					27...	1015	1.0	11.5	14.5
18...	1325	2.0	23.5	23.0	OCT				
OCT					07...	1350	34	11.0	11.0
05...	1045	0.37	20.0	16.5	NOV				
NOV					04...	1435	16	13.0	11.5
02...	1045	0.37	16.5	10.5	DEC				
JAN 1954					09...	1035	661	1.5	6.5
04...	1045	17	3.0	4.5	FEB 1958				
FEB					14...	1025	50	-10.0	0.5
01...	0850	47	0.5	1.0	MAR				
MAR					24...	1345	173	8.0	6.5
08...	1050	136	8.0	--	MAY				
APR					21...	1235	22	25.5	20.0
05...	1020	71	13.5	4.5	SEP				
JUN					29...	1145	11	18.5	13.0
16...	1135	15	31.5	25.5	JAN 1959				
OCT					12...	1125	19	--	1.0
04...	0845	134	20.0	19.0	FEB				
NOV					16...	1240	458	4.5	4.0
01...	1240	180	6.5	8.5	APR				
DEC					01...	1210	49	20.0	7.0
02...	1220	119	1.5	5.5	MAY				
JAN 1955					18...	1230	89	25.5	3.5
03...	1230	134	2.0	5.5	JUL				
FEB					07...	1115	4.5	26.5	11.0
07...	0940	2780	0.5	--	AUG				
MAR					11...	1225	6.3	28.0	28.0
08...	1225	426	1.5	4.0	SEP				
APR					10...	1125	1.2	26.5	25.0
04...	1210	53	13.0	10.5	MAR 1960				
JUN					15...	1250	85	6.5	2.0
01...	1400	14	24.0	20.0	APR				
JUL					26...	1315	32	24.5	19.0
11...	1235	13	25.5	23.0	JUN				
AUG					07...	1250	10	20.0	29.0
08...	1305	0.30	29.0	21.0	JUL				
SEP					21...	1300	15	22.0	21.5
06...	1310	0.14	29.0	26.0	AUG				
OCT					30...	1245	6.6	29.0	25.0
12...	1300	6.8	26.5	15.5					

# MONONGAHELA RIVER BASIN

03058000 WEST FORK RIVER AT BROWNSVILLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1960					AUG 1966				
11...	1305	13	23.5	19.0	08...	1335	0.11	--	25.5
NOV					SEP				
15...	1300	73	21.5	9.5	07...	1450	0.22	--	21.0
MAY 1961					OCT				
03...	1345	320	--	10.5	25...	1420	4.1	14.5	12.0
JUN					NOV				
06...	1420	26	--	21.5	28...	0958	206	0.0	4.0
JUL					JAN 1967				
17...	1410	435	--	19.5	12...	0910	22	3.5	0.5
AUG					FEB				
24...	1255	9.2	--	22.5	27...	1300	86	3.0	0.5
OCT					MAR				
04...	1310	454	--	13.0	31...	1400	53	24.5	6.5
NOV					JUN				
08...	1240	135	--	10.5	29...	1130	1.1	26.5	20.5
DEC					AUG				
11...	1450	204	8.0	6.5	03...	1145	107	30.5	24.5
MAR 1962					SEP				
08...	1345	318	8.5	2.0	27...	1100	0.30	22.0	17.0
JUL					NOV				
30...	1350	3.5	30.5	28.0	06...	1300	80	--	6.0
JAN 1963					APR 1968				
07...	1315	53	--	0.0	18...	1335	48	--	15.5
MAY					JUL				
07...	1220	32	--	18.0	08...	1230	1.1	--	22.0
JUN					AUG				
19...	1155	12	--	21.0	14...	1215	6.6	--	22.0
JUL					SEP				
23...	1355	39	--	20.0	24...	1240	4.3	--	22.0
SEP					OCT				
05...	1155	25	--	20.5	31...	1210	2.0	--	8.5
OCT					DEC				
15...	1255	0.48	--	12.0	03...	1200	18	--	6.5
NOV					FEB 1969				
18...	1310	3.5	--	8.5	27...	1330	29	--	3.5
MAR 1964					MAY				
13...	1330	191	11.5	--	14...	1230	128	--	19.5
APR					JUN				
23...	1350	214	--	15.5	18...	1200	36	--	19.5
JUN					JUL				
16...	1330	14	23.0	21.0	17...	1240	27	--	24.5
JUL					AUG				
29...	1300	7.2	--	23.5	21...	1200	74	--	21.0
OCT					SEP				
08...	0915	3.8	--	9.0	22...	1150	62	--	15.5
NOV					NOV				
19...	1020	3.9	--	9.0	03...	1150	26	--	10.0
FEB 1965					DEC				
24...	1125	34	--	1.0	17...	0815	155	-8.0	0.0
JUN					JAN 1970				
04...	0900	16	--	18.0	27...	1235	46	1.0	0.0
JUL					MAR				
15...	0825	5.4	--	23.5	10...	0900	88	2.0	4.0
AUG					APR				
12...	1015	0.06	--	19.5	21...	1335	64	18.0	17.0
OCT					JUN				
13...	1245	2.6	--	10.5	01...	1135	2.9	26.0	21.5
21...	0935	8.4	--	13.5	AUG				
NOV					28...	1240	1.5	32.5	26.0
05...	1220	1.0	--	10.0	DEC				
DEC					02...	1210	85	18.0	10.0
09...	1410	3.4	--	3.0	FEB 1971				
JAN 1966					24...	1425	302	5.0	5.0
12...	1320	19	--	0.5					
JUL									
08...	1230	0.07	--	24.5					

## MONONGAHELA RIVER BASIN

03058000 WEST FORK RIVER AT BROWNSVILLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
APR 1971						
06...	1430	51	--	--	7.0	11.0
MAY						
01...	1410	2980	--	--	5.0	4.0
20...	1345	70	--	--	22.0	24.0
JUN						
25...	1600	1.0	--	--	30.0	27.0
SEP						
23...	1245	129	--	--	25.0	18.0
NOV						
04...	1550	188	--	--	8.5	13.5
DEC						
08...	1415	576	--	--	18.0	10.0
JAN 1972						
12...	1400	758	--	--	16.0	7.0
FEB						
24...	1400	2730	100	7.00	5.0	5.0
APR						
05...	1330	613	110	7.00	14.0	9.0
JUN						
14...	1100	5.0	--	--	24.0	19.0
JUL						
13...	0915	23	160	6.80	22.0	19.0
DCT						
19...	1015	30	--	--	3.0	7.0
NOV						
05...	1110	359	--	7.10	3.5	9.0
JAN 1973						
11...	1140	58	--	7.00	--	--
FEB						
15...	1345	1060	140	7.10	5.0	4.0
MAR						
14...	1300	61	--	--	28.0	12.0
MAY						
16...	1025	43	185	7.10	23.0	14.0
JUN						
20...	1120	4.3	180	6.80	27.0	22.0
JUL						
18...	0935	4.1	240	7.00	26.0	24.0
AUG						
16...	0835	95	300	7.10	22.0	22.0
NOV						
28...	1310	2440	--	--	11.0	9.0
MAR 1974						
11...	1200	158	120	6.10	9.0	11.0
27...	1115	90	--	6.70	14.0	6.5
APR						
30...	1000	33	--	--	29.0	12.5
MAY						
30...	1000	86	--	7.60	13.0	12.0
AUG						
21...	1020	9.0	--	--	27.0	21.0
SEP						
16...	1515	57	--	6.80	29.0	20.0
OCT						
08...	1215	7.8	300	7.10	18.0	15.0
17...	1150	75	260	6.50	14.0	12.0
NOV						
03...	1200	158	120	6.10	9.0	11.0
13...	0930	57	315	6.80	7.0	9.5
DEC						
18...	0935	220	--	--	2.0	3.5
JAN 1975						
16...	1030	97	--	--	0.0	0.5
FEB 1975						
12...	0925	380	--	--	0.5	1.0
APR						
17...	1120	43	300	7.30	15.5	13.0
MAY						
14...	1150	55	--	--	20.5	13.0
JUN						
12...	0935	40	--	--	18.5	18.0
SEP						
11...	1540	3.4	155	7.20	31.0	30.0



# MONONGAHELA RIVER BASIN

03058500 WEST FORK RIVER AT BUTCHERVILLE, WV

LOCATION.--Lat 39°05'25", long 80°28'05", Lewis County, Hydrologic Unit 05020002, on right bank at Butcherville, 0.5 mi upstream from Freemans Creek, 3,500 ft downstream from abandoned bridge on WestonClarksburg interurban electric railway, 3.0 mi north of Weston, and at mile 62.0.

DRAINAGE AREA.--181 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--April 1915 to current year. Monthly discharge only for some periods, published in WSP 1305.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					FEB 1948				
02...	1150	6.3	24.0	26.5	03...	0910	54	-8.5	0.0
AUG					MAR				
08...	1400	292	25.0	23.0	01...	1700	378	13.0	7.0
SEP					MAY				
24...	1615	1820	26.5	20.0	03...	1700	1610	16.0	13.5
OCT					JUN				
02...	0815	102	13.5	19.5	07...	1800	437	21.0	19.0
NDV					OCT				
05...	1500	183	15.0	10.0	04...	1505	30	13.0	18.5
DEC					NOV				
03...	1605	447	6.0	5.0	01...	1610	33	15.5	11.5
JAN 1946					DEC				
07...	1500	772	13.5	9.0	06...	1605	925	9.0	8.5
FEB					JAN 1949				
05...	1415	295	9.0	1.5	03...	1740	141	3.5	1.0
MAR					FEB				
04...	1440	185	24.0	8.0	07...	1445	406	7.0	5.0
APR					MAR				
01...	1545	504	21.5	11.5	07...	1730	377	2.0	7.0
MAY					APR				
06...	1400	131	23.5	18.0	04...	1610	108	15.5	12.0
JUN					MAY				
03...	1555	511	19.5	17.0	02...	1555	120	24.0	19.5
JUL					JUN				
02...	1455	1420	26.0	21.5	07...	1450	15	26.0	24.0
30...	1700	3.1	29.0	28.0	JUL				
AUG					21...	1520	51	--	26.0
02...	1345	6.4	16.0	21.0	AUG				
05...	1205	3.8	28.0	30.5	01...	1815	41	26.5	28.0
SEP					SEP				
02...	1605	1.1	28.0	26.5	01...	1450	30	21.0	23.5
27...	0930	5.1	18.0	20.0	OCT				
NOV					20...	1610	50	25.5	18.0
05...	1630	9.6	15.5	14.0	NOV				
DEC					07...	1515	130	17.0	9.5
02...	1050	43	-5.5	5.5	DEC				
FEB 1947					12...	1500	872	15.5	8.5
03...	1030	186	-1.5	--	JAN 1950				
MAR					09...	1715	403	10.0	4.5
04...	1545	197	-0.5	0.5	FEB				
APR					08...	1715	375	10.0	5.5
03...	1045	152	7.0	9.0	MAR				
MAY					06...	1630	205	11.5	5.5
05...	1245	396	10.0	12.0	APR				
JUN					06...	0715	794	0.5	9.0
04...	1645	112	28.0	21.5	MAY				
JUL					04...	0715	782	15.5	15.5
07...	1450	20	26.5	25.0	JUN				
AUG					05...	1545	1590	21.5	14.5
04...	1605	173	32.0	25.5	JUL				
SEP					10...	1645	18	26.0	24.5
01...	1400	8.3	28.5	29.5	SEP				
OCT					11...	1600	60	26.0	21.5
02...	1740	8.6	12.0	16.0	OCT				
NDV					09...	1530	19	17.0	13.5
03...	1630	17	15.5	14.5	DEC				
DEC					12...	1015	197	-2.0	--
01...	1615	46	4.0	3.5					
JAN 1948									
05...	1730	244	-0.5	3.0					

# MONONGAHELA RIVER BASIN

03058500 WEST FORK RIVER AT BUTCHERVILLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAR 1951					JAN 1955				
12...	1605	171	16.5	7.0	03...	1425	220	5.5	5.0
APR					MAR				
17...	0930	317	3.0	8.0	08...	1435	730	4.0	4.0
MAY					APR				
14...	1715	155	24.0	15.5	04...	1400	88	10.5	13.5
JUL					MAY				
17...	0835	18	28.0	22.0	02...	1535	113	27.0	18.0
AUG					JUN				
13...	1825	22	25.5	22.0	01...	1640	20	25.5	20.5
SEP					JUL				
10...	1330	16	26.5	24.5	11...	1405	21	28.0	23.0
OCT					AUG				
16...	1540	1.5	23.0	14.5	08...	1350	2.1	29.0	21.5
NOV					SEP				
06...	0850	25	0.5	6.0	06...	1330	1.3	35.0	30.5
DEC					OCT				
11...	0905	428	0.5	6.5	12...	1400	18	31.0	17.0
JAN 1952					NOV				
17...	0940	190	11.5	8.5	18...	1230	129	5.5	10.0
FEB					DEC				
25...	1710	116	5.5	5.5	14...	1500	31	5.5	10.0
APR					JAN 1956				
18...	0925	226	3.0	6.0	03...	1455	33	4.5	0.5
MAY					FEB				
19...	1735	161	18.0	17.0	20...	1545	540	8.5	8.0
JUL					MAR				
07...	1740	23	28.5	28.0	27...	1515	28	15.0	8.0
AUG					APR				
18...	1905	56	25.0	24.0	16...	1330	142	9.0	10.5
SEP					MAY				
15...	1630	3.1	25.5	23.5	15...	1345	151	19.5	18.0
OCT					JUN				
07...	1525	1.7	12.0	16.0	29...	1400	163	26.5	23.5
27...	1410	0.30	18.0	13.5	JUL				
JAN 1953					31...	1440	246	33.5	25.5
19...	1620	249	15.5	7.0	AUG				
MAR					27...	1645	40	31.0	23.5
09...	1600	174	6.0	4.0	SEP				
JUN					24...	1600	236	23.0	18.5
01...	1550	23	16.0	23.0	NOV				
JUL					12...	1545	27	14.5	11.5
10...	1355	23	24.5	23.0	JUN 1957				
SEP					12...	1240	13	26.5	24.5
14...	1215	0.54	18.0	17.0	JUL				
NOV					01...	1610	298	25.5	23.0
02...	1235	0.54	22.0	15.5	SEP				
JAN 1954					03...	1355	0.74	29.0	26.5
04...	1415	28	4.5	3.5	OCT				
FEB					07...	1700	125	12.0	13.5
01...	1245	76	4.5	2.0	NOV				
MAR					04...	1450	29	13.0	11.5
08...	1435	240	18.5	5.5	DEC				
APR					09...	1455	1020	3.5	5.5
05...	1245	122	15.5	8.0	JUN 1958				
MAY					04...	1710	22	29.0	25.0
10...	1345	455	11.0	4.5	JUL				
JUN					02...	1045	18	32.0	25.5
07...	1150	2.5	26.5	24.0	28...	1345	317	31.0	24.0
JUL					SEP				
06...	1235	161	26.5	25.5	08...	1505	19	28.0	24.0
OCT					NOV				
04...	1240	247	25.0	19.0	21...	1130	104	10.0	4.5
NOV					JAN 1959				
01...	1435	309	9.0	9.0	12...	1340	36	3.5	1.0
DEC					APR				
02...	1405	204	1.0	5.5	01...	1645	93	21.0	7.0

# MONONGAHELA RIVER BASIN

03058500 WEST FORK RIVER AT BUTCHERVILLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAY 1959					JUL 1965				
18...	1405	146	26.5	4.5	14...	1510	14	--	28.0
JUL					AUG				
07...	1325	10	28.5	12.0	11...	1530	1.9	--	27.0
AUG					SEP				
11...	1505	10	28.5	28.0	15...	1440	2.3	--	25.5
SEP					OCT				
10...	1340	2.2	29.5	26.5	13...	1045	5.4	--	14.0
JAN 1960					20...	1610	1.6	--	18.5
26...	1110	138	6.0	2.0	NOV				
MAR					05...	1045	1.6	--	10.0
15...	1045	174	4.5	2.0	DEC				
APR					09...	1220	6.6	--	5.0
26...	1600	61	24.0	21.5	JUN 1966				
JUN					08...	1050	8.1	--	24.0
07...	1515	26	21.0	23.5	JUL				
JUL					08...	1035	1.2	--	26.5
21...	1545	34	29.0	26.0	AUG				
AUG					08...	1140	49	--	24.0
30...	1500	16	31.0	27.0	SEP				
OCT					07...	1320	3.5	--	22.0
11...	1350	25	23.0	19.0	NOV				
NOV					18...	1000	23	16.5	13.5
15...	1530	124	21.5	8.5	DEC				
JAN 1961					07...	1340	628	12.0	3.5
30...	1340	69	-5.5	--	JAN 1967				
MAR					11...	1630	45	-3.5	0.5
17...	1110	320	-3.0	6.0	FEB				
MAY					27...	1550	140	2.0	0.5
03...	1130	564	11.0	11.0	MAR				
JUN					31...	1045	108	19.5	5.5
06...	1115	53	--	22.0	JUN				
JUL					29...	0830	3.1	24.0	20.5
25...	1115	147	--	24.5	AUG				
AUG					03...	1100	64	28.5	24.5
24...	1510	14	--	25.5	SEP				
NOV					27...	0935	2.1	25.5	17.0
15...	1140	49	--	10.0	NOV				
DEC					06...	1600	163	--	8.0
11...	1250	689	8.0	5.5	MAR 1968				
MAR 1962					06...	1120	248	4.0	0.0
08...	1120	563	4.5	2.0	APR				
FEB 1963					18...	1600	93	--	18.0
11...	1100	256	3.5	--	JUL				
MAY					08...	1445	3.1	--	28.0
07...	1005	65	--	18.0	AUG				
JUN					14...	1450	12	--	24.0
19...	0945	22	--	21.0	SEP				
JUL					24...	1450	2.1	--	25.0
23...	1220	112	--	24.0	OCT				
SEP					31...	1430	6.1	--	13.5
05...	0950	120	--	21.0	DEC				
OCT					03...	1435	43	--	7.0
15...	1110	3.0	--	13.5	MAR 1969				
NOV					06...	1130	43	--	5.5
18...	1145	8.9	--	9.0	MAY				
APR 1964					14...	1505	223	--	15.0
23...	1130	384	--	15.0	JUN				
MAY					18...	1500	62	--	23.0
25...	1320	11	--	23.0	JUL				
JUL					17...	1505	53	--	26.5
13...	1130	139	--	23.0	AUG				
OCT					22...	1040	83	--	22.0
07...	1615	8.4	--	17.0	SEP				
NOV					22...	1530	111	--	21.5
18...	1605	4.8	--	11.5	NOV				
JUN 1965					03...	1445	62	--	10.5
03...	1620	25	--	21.5					

# MONONGAHELA RIVER BASIN

03058500 WEST FORK RIVER AT BUTCHERVILLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
DEC 1969						
17...	1230	237	--	--	1.0	0.0
JAN 1970						
26...	1605	1080	--	--	1.5	0.0
MAR						
10...	1240	156	--	--	3.0	4.5
APR						
20...	1135	194	190	6.75	20.0	6.0
JUN						
01...	1315	6.4	340	7.15	28.0	24.0
JUL						
15...	1725	11	--	--	24.5	24.0
OCT						
19...	1450	10	--	--	17.0	14.0
DEC						
01...	1705	165	--	--	17.0	14.0
JAN 1971						
12...	1345	129	--	--	3.0	2.0
FEB						
22...	1115	595	--	--	1.0	5.0
APR						
06...	1132	72	--	--	9.0	10.0
MAY						
20...	1735	142	--	--	24.0	21.0
JUN						
25...	1345	5.0	--	--	30.0	29.0
AUG						
16...	1800	19	--	--	28.0	25.0
SEP						
22...	2030	237	--	--	24.0	17.0
NOV						
05...	0820	225	--	--	-4.0	11.5
DEC						
08...	1200	1110	--	--	16.0	10.0
JAN 1972						
12...	1040	1110	160	6.40	14.0	7.0
FEB						
24...	1130	3940	140	6.80	4.0	5.0
APR						
05...	1115	1030	--	--	14.0	7.0
MAY						
18...	0930	328	200	7.20	18.5	17.5
JUN						
13...	1800	15	--	--	28.0	21.0
JUL						
12...	1415	96	150	6.50	29.0	22.0
SEP						
14...	1100	76	--	--	28.0	18.0
OCT						
19...	1350	124	--	6.80	5.0	7.0
NOV						
15...	1600	482	--	7.20	3.5	9.0
FEB 1973						
15...	1110	1760	145	6.80	5.0	4.0
MAR						
14...	1100	132	--	--	20.0	12.0
APR						
12...	1415	560	120	6.50	1.5	7.0
JUN						
20...	1300	21	135	6.40	27.0	22.0
AUG						
16...	1045	113	310	7.10	22.0	22.0
SEP						
12...	1640	4.6	340	7.50	34.5	24.5

# MONONGAHELA RIVER BASIN

03058500 WEST FORK RIVER AT BUTCHERVILLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1973						
31...	1600	326	210	7.50	7.0	8.0
NOV						
29...	1100	1320	250	7.70	--	--
FEB 1974						
06...	1045	134	235	7.80	1.5	5.5
MAR						
11...	1530	300	160	6.90	9.0	11.0
27...	1515	182	--	--	17.0	7.5
APR						
30...	1300	58	310	7.60	30.0	12.0
MAY						
30...	1310	94	--	7.50	13.0	12.0
JUL						
02...	1220	87	--	--	28.0	18.0
25...	0910	15	--	--	23.0	21.0
AUG						
21...	1155	11	--	--	28.0	21.0
SEP						
17...	1045	93	--	6.50	23.0	19.0
OCT						
08...	1500	38	260	7.10	16.5	14.5
16...	1740	204	180	6.20	15.0	14.0
NOV						
12...	1610	51	325	6.70	11.5	10.0
DEC						
18...	1155	344	--	--	2.5	4.0
JAN 1975						
15...	1705	151	--	--	-1.5	0.5
FEB						
11...	1550	263	--	--	1.5	0.0
APR						
17...	1235	72	--	7.10	20.0	13.0
MAY						
13...	1525	134	--	--	18.5	18.5
JUN						
11...	1425	55	--	--	17.5	18.0
JUL						
10...	1140	28	--	--	21.5	21.5
31...	1015	15	240	8.70	28.5	25.5
AUG						
04...	1400	47	240	7.50	35.5	26.5
13...	1510	23	150	7.00	34.0	26.5
SEP						
11...	1305	11	200	6.80	21.0	22.0

# MONONGAHELA RIVER BASIN

03059000 WEST FORK RIVER AT CLARKSBURG, WV

LOCATION.--Lat 39°16'15", long 80°21'20", Harrison County, Hydrologic Unit 05020002, on downstream side of left abutment of Hartland Bridge on Camden Street at Clarksburg, 700 ft downstream from dam at Clarksburg waterworks, 1.2 mi upstream from Elk Creek, and at mile 32.4.

DRAINAGE AREA.--384 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--March 1923 to September 1983.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE WATER (DEG C)	TEMPER- ATURE AIR (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE WATER (DEG C)	TEMPER- ATURE AIR (DEG C)
JUL 1945					APR 1948				
10...	1040	28	25.5	23.0	05...	1445	538	12.0	20.0
AUG					MAY				
20...	1345	16	25.0	28.0	03...	1830	5550	14.0	12.0
SEP					JUN				
07...	1000	43	23.0	24.5	01...	1530	90	20.5	24.0
OCT					JUL				
05...	1245	214	16.5	19.0	07...	1030	752	20.5	25.5
NOV					AUG				
07...	1600	158	10.5	20.5	03...	1650	366	21.0	23.0
DEC					SEP				
13...	1145	271	1.5	-3.5	07...	1540	8.1	25.0	24.0
JAN 1946					OCT				
04...	1230	466	2.0	8.0	04...	1530	50	16.5	14.5
FEB					NOV				
12...	1500	764	1.0	4.0	08...	1640	693	12.0	11.0
MAR					DEC				
06...	1200	273	8.0	20.0	07...	1335	1550	6.5	10.0
APR					JAN 1949				
02...	1000	909	--	24.5	25...	1600	5360	10.0	8.5
MAY					APR				
15...	1150	3920	16.5	26.5	05...	1740	199	12.0	6.5
JUN					MAY				
11...	1050	79	25.0	30.5	02...	1550	226	19.5	27.0
JUL					JUN				
09...	0915	423	23.5	27.0	01...	1515	102	18.5	21.5
29...	1550	1.4	28.5	25.5	JUL				
OCT					12...	1525	153	26.5	26.0
23...	1625	8.8	15.0	24.5	AUG				
NOV					10...	0910	23	27.0	25.5
07...	1010	8.0	15.0	13.5	SEP				
DEC					06...	1550	128	22.0	21.5
03...	1215	58	1.5	-1.0	OCT				
FEB 1947					03...	1505	90	15.5	23.5
04...	1550	401	1.0	--	NOV				
MAR					16...	1330	267	9.5	7.0
13...	1220	78	2.0	13.5	DEC				
APR					13...	1200	7010	9.0	13.0
21...	1425	105	15.0	20.5	JAN 1950				
MAY					03...	1715	1000	6.5	15.5
08...	0915	304	13.0	5.5	04...	0810	3800	9.0	17.0
JUN					MAY				
05...	1155	195	20.5	28.0	08...	1630	275	18.5	19.0
JUL					AUG				
08...	1115	68	23.0	18.0	08...	1050	52	23.5	22.0
AUG					APR 1951				
04...	1803	226	25.0	28.5	19...	1410	398	8.5	11.0
SEP					JUN				
16...	1735	1090	22.0	24.5	15...	1005	2190	16.5	24.0
OCT					AUG				
03...	1120	11	15.5	20.0	16...	1235	21	25.5	30.5
NOV					NOV				
03...	1630	29	13.5	12.0	08...	1300	382	5.5	1.5
DEC					JAN 1952				
01...	1740	100	3.0	1.0	15...	1630	349	6.0	21.0
JAN 1948					FEB				
07...	1515	429	2.0	1.0	28...	1300	171	4.0	14.5
FEB					MAY				
02...	1620	104	0.0	-1.0	22...	1040	1420	18.5	20.0
MAR									
03...	1500	3070	8.0	10.5					

# MONONGAHELA RIVER BASIN

03059000 WEST FORK RIVER AT CLARKSBURG, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1952					JUL 1959				
10...	1230	30	24.5	26.0	27...	1215	101	29.5	25.5
AUG					SEP				
21...	1010	32	24.0	24.5	08...	1440	6.0	33.0	30.5
DEC					JUN 1960				
09...	1250	94	--	4.5	21...	1545	47	18.5	23.0
MAR 1953					AUG				
11...	1355	451	10.5	4.0	01...	1330	77	26.5	26.0
22...	1200	1300	16.0	9.0	OCT				
JUN					18...	1140	21	25.5	19.5
03...	1350	33	24.5	21.0	NOV				
JUL					28...	1215	84	20.0	6.0
16...	0945	2.4	25.0	23.0	JAN 1961				
AUG					10...	1525	302	--	1.5
20...	1255	1.4	23.5	22.0	MAY				
JAN 1954					16...	1430	347	--	20.0
06...	1220	51	1.5	3.5	JUN				
FEB					22...	1350	284	--	20.0
03...	1120	107	10.0	2.0	JUL				
MAR					27...	1440	147	--	25.5
03...	1100	2340	-1.0	1.0	SEP				
MAY					06...	1515	29	--	28.0
12...	1645	540	20.0	12.0	OCT				
JUN					13...	1220	24	--	19.0
10...	1055	13	28.0	25.5	NOV				
JUL					16...	1220	100	--	10.0
08...	0945	154	19.0	24.0	DEC				
NOV					06...	1410	115	--	6.0
11...	1000	174	1.0	5.5	JAN 1962				
DEC					17...	1050	674	-5.5	1.0
08...	1010	111	-4.0	1.0	MAY				
MAY 1955					17...	1200	21	29.0	25.0
05...	1025	160	26.5	18.0	DEC				
OCT					17...	1325	256	--	0.5
25...	1230	93	11.0	9.5	AUG 1963				
JAN 1956					06...	1450	262	--	23.5
19...	1200	120	3.0	0.5	SEP				
MAR					09...	1045	68	--	21.5
12...	1415	966	1.0	1.5	OCT				
SEP					07...	1240	5.7	--	19.0
27...	1730	133	14.0	16.0	NOV				
NOV					11...	1240	68	--	10.0
16...	1010	40	7.0	10.0	APR 1964				
MAY 1957					13...	1430	368	--	11.0
24...	1530	118	25.5	21.0	MAY				
JUL					12...	1220	50	--	21.0
05...	1000	43	23.5	25.0	JUN				
AUG					29...	1230	61	--	21.0
09...	1145	0.75	24.5	26.0	AUG				
SEP					13...	1205	195	24.5	23.0
06...	1125	1.7	21.0	25.0	OCT				
OCT					16...	1400	4.4	24.5	15.5
11...	1055	71	11.0	11.5	MAR 1965				
MAR 1958					02...	1315	646	10.0	4.5
10...	1440	216	3.5	5.5	JUN				
SEP					03...	1235	82	--	21.0
04...	1555	75	34.5	--	JUL				
16...	1405	15	29.0	24.0	16...	0915	1.7	24.0	23.5
OCT					AUG				
06...	1500	97	22.0	15.5	23...	1310	0.27	--	26.5
NOV					OCT				
17...	1255	101	24.0	13.0	11...	1300	17	18.0	15.5
JAN 1959					27...	1445	12	--	5.0
21...	1505	6190	21.0	--	NOV				
MAY					19...	1450	6.4	--	9.5
04...	1345	296	19.0	4.5	MAR 1966				
JUN					14...	1350	165	--	9.0
15...	1345	2.2	24.5	8.5					

# MONONGAHELA RIVER BASIN

03059000 WEST FORK RIVER AT CLARKSBURG, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAY 1966						
23...	1220	151	--	--	--	22.0
JUL						
05...	1230	438	--	--	--	29.5
OCT						
27...	1545	102	--	--	19.0	12.0
DEC						
06...	1550	285	--	--	12.0	6.0
JAN 1967						
11...	1340	95	--	--	-3.5	0.5
FEB						
21...	1350	3340	--	--	3.5	0.5
JUN						
28...	1525	1.5	--	--	25.5	21.0
AUG						
02...	1135	122	--	--	28.0	22.5
SEP						
26...	1530	2.3	--	--	25.5	19.5
NOV						
07...	1400	212	--	--	--	8.0
APR 1968						
15...	1300	255	--	--	11.0	13.0
JUN						
19...	1315	57	--	--	--	24.0
JUL						
09...	1405	16	--	--	30.5	25.5
AUG						
16...	1320	120	--	--	28.5	23.5
SEP						
26...	1730	11	--	--	19.5	19.5
NOV						
06...	1500	47	--	--	13.5	12.0
DEC						
17...	1550	95	--	--	0.5	1.0
JAN 1969						
29...	1245	1740	--	--	11.0	3.5
MAR						
12...	1545	178	--	--	0.5	0.5
APR						
22...	1320	462	--	--	13.0	9.5
MAY						
27...	1430	77	--	--	22.0	19.0
JUL						
10...	1245	311	--	--	26.5	25.0
AUG						
21...	1115	213	--	--	23.0	24.0
SEP						
30...	1445	49	--	--	19.0	20.5
NOV						
03...	1220	70	--	--	8.5	10.0
DEC						
17...	1715	491	--	--	-2.0	0.0
FEB 1970						
04...	1345	1070	--	--	-9.0	1.0
MAR						
10...	1715	337	--	--	-1.0	4.0
APR						
20...	1400	338	380	6.70	21.0	5.0
JUN						
02...	1130	15	750	6.40	29.0	26.5
JUL						
16...	1030	183	--	--	21.0	23.5
AUG						
28...	1010	63	400	7.00	27.5	23.0



## MONONGAHELA RIVER BASIN

03059000 WEST FORK RIVER AT CLARKSBURG, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1970						
16...	1245	30	--	--	17.5	16.0
DEC						
02...	1540	217	--	--	15.5	10.0
JAN 1971						
05...	1845	9990	--	--	7.0	3.0
20...	1300	336	--	--	-3.0	--
MAR						
03...	1555	390	--	--	0.0	6.0
APR						
14...	1400	217	--	--	13.0	14.0
MAY						
21...	1230	277	--	--	21.0	20.0
JUL						
06...	1305	37	--	--	27.0	27.0
AUG						
12...	1015	88	--	--	27.0	22.0
SEP						
23...	1930	465	--	--	22.0	17.0
NOV						
05...	1230	472	--	--	14.5	13.5
DEC						
09...	1100	1330	--	--	20.0	10.0
JAN 1972						
21...	1350	2810	--	--	14.0	6.0
FEB						
28...	1700	1890	290	7.00	18.0	7.0
APR						
13...	1715	5240	--	--	28.0	12.0
MAY						
25...	1600	261	--	7.00	27.0	19.0
JUN						
21...	1200	94	--	7.40	22.0	20.0
JUL						
19...	1135	192	--	--	29.0	20.0
SEP						
12...	1140	48	--	--	27.0	20.0
NOV						
22...	1115	849	--	7.00	0.0	3.0
DEC						
29...	1200	438	--	--	8.0	6.0
JAN 1973						
16...	1345	159	--	--	7.0	1.0
FEB						
20...	1340	618	--	--	5.0	2.0
MAR						
20...	1215	1950	--	--	3.0	5.0
APR						
20...	1120	714	320	7.20	28.0	15.0
MAY						
22...	1200	176	520	7.80	19.0	16.0
JUN						
20...	1145	43	600	7.50	30.0	25.0
JUL						
18...	1120	44	500	7.80	26.0	26.0
AUG						
22...	1100	476	440	7.20	17.0	21.5
SEP						
18...	1025	522	360	7.80	14.5	20.0
OCT						
24...	1110	25	--	7.80	13.0	15.0
NOV						
27...	1230	1180	340	8.30	18.5	10.5
JAN 1974						
03...	1545	986	--	--	2.5	6.0

MONONGAHELA RIVER BASIN

03059000 WEST FORK RIVER AT CLARKSBURG, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
FEB 1974						
05...	1510	433	200	6.80	3.0	6.5
MAR						
12...	1130	723	320	6.90	7.0	11.0
28...	1030	342	--	7.00	12.0	7.0
APR						
29...	1200	500	--	7.50	--	21.5
JUN						
02...	1700	11200	--	--	--	17.0
07...	0950	349	--	--	20.5	15.0
JUL						
03...	1240	206	250	7.50	27.0	22.0
AUG						
06...	1115	36	--	--	24.0	20.0
SEP						
05...	1215	540	340	7.00	19.0	20.0
OCT						
08...	1815	46	500	8.00	10.0	13.0
NOV						
07...	1200	105	640	7.20	13.0	12.0
DEC						
04...	1240	692	320	6.80	4.0	3.0
JAN 1975						
06...	1215	743	280	8.00	13.0	4.0
FEB						
03...	1220	1610	--	--	1.5	4.0
MAR						
10...	1215	967	--	--	0.5	1.0
APR						
11...	1100	273	--	--	2.5	4.0
JUN						
10...	1100	144	470	8.00	19.5	21.0
JUL						
08...	1050	65	350	7.90	27.5	24.5
AUG						
05...	1140	69	440	8.00	26.0	26.5
SEP						
04...	0925	103	480	8.00	20.5	23.0

MONONGAHELA RIVER BASIN

03059500 ELK CREEK AT QUIET DELL, WV

LOCATION.--Lat 39°13'40", long 80°17'50", Harrison County, on left bank at Quiet Dell, 200 ft downstream from highway bridge, 0.9 mi upstream from Brushy Fork, and at mile 8.4.

DRAINAGE AREA.--84.6 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--September 1943 to September 1970.

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					JUN 1948				
10...	0905	2.7	23.5	23.0	01...	1400	54	20.0	18.5
AUG					AUG				
20...	1040	3.8	23.0	21.5	03...	1240	70	22.0	18.5
SEP					SEP				
07...	1200	9.9	26.5	22.0	07...	1235	4.8	24.0	21.0
OCT					OCT				
05...	1625	43	18.0	14.5	04...	1230	1.8	15.5	12.5
NOV					NOV				
07...	1130	27	21.5	8.5	08...	1315	78	19.5	10.0
DEC					DEC				
13...	0830	62	-9.0	0.0	07...	0940	324	4.0	5.0
JAN 1946					JAN 1949				
04...	1505	135	4.0	3.0	10...	1325	85	10.5	6.5
FEB					MAR				
12...	1040	121	-1.0	0.0	09...	1405	105	8.0	5.0
MAR					APR				
06...	0840	64	8.5	6.5	02...	1445	46	6.5	9.5
JUL					MAY				
08...	1450	6.9	28.0	25.5	02...	1310	40	24.5	18.5
AUG					JUN				
05...	1400	1.7	30.5	24.5	01...	1245	18	24.5	18.5
SEP					JUL				
09...	1725	0.45	25.0	22.0	12...	1245	27	23.5	21.0
10...	1500	0.68	25.0	20.5	AUG				
27...	1500	4.4	28.5	19.0	09...	1420	32	28.0	25.0
OCT					SEP				
15...	1550	5.3	19.5	11.5	06...	1255	17	24.0	20.0
NOV					OCT				
04...	1540	4.7	18.0	15.0	03...	1145	7.4	21.5	14.5
DEC					NOV				
03...	0955	12	0.0	0.5	01...	1330	183	11.0	7.0
MAR 1947					29...	1055	1400	14.5	9.0
04...	1040	0.17	-7.0	0.5	DEC				
APR					13...	1530	1720	13.5	8.5
21...	1135	21	18.5	15.5	JAN 1950				
MAY					03...	1325	146	13.5	9.0
08...	1230	38	6.0	10.5	APR				
JUN					10...	1305	76	19.5	7.5
05...	0920	20	26.0	22.0	MAY				
JUL					08...	1340	61	15.0	16.0
08...	0910	17	17.5	20.0	JUN				
AUG					13...	1200	28	24.5	19.0
04...	1220	28	24.5	21.0	JUL				
SEP					10...	1145	9.0	25.0	21.5
15...	1640	30	23.5	23.5	SEP				
OCT					11...	1310	7.3	24.0	21.0
03...	1400	6.6	21.0	10.5	APR 1951				
NOV					19...	1550	97	12.5	8.5
03...	1415	8.3	14.0	11.5	MAY				
DEC					18...	1420	34	23.5	17.0
01...	1505	26	5.0	0.5	JUN				
JAN 1948					15...	1415	187	23.0	19.0
07...	1620	79	-2.0	1.0	SEP				
FEB					13...	1545	7.2	28.5	25.5
02...	1200	36	-1.0	0.0	OCT				
MAR					01...	1100	2.3	24.5	16.0
03...	1145	613	9.0	8.5	NOV				
APR					28...	1400	134	5.0	4.0
05...	1200	105	21.0	11.0					

# MONONGAHELA RIVER BASIN

03059500 ELK CREEK AT QUIET DELL, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1952					APR 1956				
16...	1710	63	6.5	8.5	19...	1330	66	11.5	8.5
FEB					MAY				
28...	1555	44	13.5	4.5	24...	1705	44	16.0	16.5
APR					JUN				
10...	1330	72	24.0	9.0	13...	1440	6.5	24.5	25.0
MAY					25...	1115	336	28.5	23.5
22...	1430	232	20.0	15.0	JUL				
JUL					16...	1135	32	24.5	23.0
10...	1510	12	24.5	23.0	SEP				
AUG					28...	1035	26	16.5	14.0
21...	1335	5.8	28.5	23.5	OCT				
SEP					18...	1125	9.2	24.0	18.5
18...	1215	3.3	20.0	18.5	NOV				
OCT					16...	1450	14	10.0	9.5
08...	0825	1.9	2.0	10.0	JUL 1957				
30...	1355	1.2	14.5	6.5	05...	1245	8.6	25.5	24.5
DEC					AUG				
08...	1645	13	5.5	3.0	09...	1425	1.8	28.0	23.5
APR 1953					SEP				
11...	1620	161	11.0	4.0	06...	1450	0.72	25.0	21.0
22...	1425	217	18.0	9.5	OCT				
JUL					11...	1355	16	16.0	12.5
16...	1310	2.3	29.0	23.5	NOV				
AUG					08...	1125	18	20.0	11.5
20...	1450	5.4	22.0	20.0	JAN 1958				
SEP					07...	1135	42	-4.0	1.0
16...	1410	1.8	22.0	18.0	FEB				
NOV					12...	1100	81	11.0	0.5
04...	1345	1.1	19.5	13.0	MAR				
DEC					10...	1250	52	6.0	2.0
09...	1135	7.4	7.0	4.0	JUL				
JAN 1954					18...	1435	168	28.0	--
06...	1600	17	-1.0	1.0	NOV				
FEB					17...	1055	36	24.5	13.0
03...	1435	26	10.0	3.5	MAY 1959				
MAR					04...	1130	70	22.0	4.5
03...	1455	468	1.0	1.0	JUN				
APR					15...	1140	9.7	24.0	4.5
07...	1535	48	25.5	6.0	JUL				
MAY					27...	1040	14	24.0	20.0
13...	1400	104	19.5	6.0	SEP				
JUN					08...	1045	1.6	24.5	22.0
10...	1430	13	26.5	24.5	OCT				
JUL					14...	1040	4.3	11.5	11.5
08...	1440	4.7	26.5	23.5	MAR 1960				
NOV					15...	1500	70	0.5	--
11...	1310	35	10.0	5.0	JUN				
DEC					21...	1145	13	17.5	20.5
08...	1400	32	3.5	1.0	AUG				
FEB 1955					01...	1055	15	23.5	23.0
10...	1400	186	9.0	4.0	OCT				
MAR					18...	1055	8.5	17.5	14.5
30...	1435	71	11.5	5.0	NOV				
MAY					28...	1110	23	18.5	6.5
05...	1315	37	29.0	18.5	JAN 1961				
JUN					10...	1245	68	--	0.0
08...	1345	47	20.0	20.0	FEB				
JUL					24...	1115	278	--	7.0
15...	1115	2.7	30.5	--	APR				
AUG					19...	1215	138	9.5	6.5
12...	1410	1.6	24.0	23.0	MAY				
SEP					16...	1125	81	19.5	19.0
08...	1650	2.7	29.5	29.0	JUN				
OCT					22...	1040	68	--	18.5
25...	1050	33	7.5	9.0	JUL				
MAR 1956					27...	1125	20	--	22.0
12...	1100	196	--	1.0					

# MONONGAHELA RIVER BASIN

03059500 ELK CREEK AT QUIET DELL, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1961					JAN 1967				
28...	1325	7.3	--	16.5	11...	1010	25	-3.0	0.5
NOV					FEB				
16...	1345	25	--	11.5	21...	1259	493	-2.0	0.5
DEC					JUN				
06...	1640	28	--	4.5	28...	1250	11	26.0	20.5
JAN 1962					AUG				
17...	1420	127	1.5	1.0	02...	1438	19	29.0	24.5
MAR					SEP				
27...	1135	113	10.0	4.5	26...	1255	3.4	23.5	16.5
APR					NOV				
26...	1215	67	26.5	14.5	07...	1100	34	--	3.5
DEC					DEC				
17...	1100	50	--	0.0	13...	1125	134	--	6.5
AUG 1963					MAR 1968				
26...	0955	11	--	20.5	08...	1055	96	--	0.5
OCT					APR				
07...	1040	4.2	--	12.0	15...	1010	79	9.0	10.0
NOV					JUN				
11...	1040	14	--	8.0	05...	1520	89	--	19.5
APR 1964					JUL				
13...	1205	96	--	11.5	11...	1415	10	29.5	25.0
MAY					AUG				
19...	1110	20	--	18.5	16...	1525	80	29.0	24.0
JUN					SEP				
29...	1005	36	--	19.5	26...	1420	28	20.0	19.0
AUG					NOV				
13...	1005	33	17.0	19.0	06...	1215	15	13.0	11.0
NOV					DEC				
02...	1505	5.4	24.0	15.5	18...	0950	24	-1.0	0.5
DEC					JAN 1969				
07...	1550	97	-2.0	1.0	30...	0900	897	14.5	8.5
JAN 1965					MAR				
19...	1300	84	-0.5	1.0	12...	1300	29	-2.0	1.0
APR					APR				
20...	1115	257	10.0	10.0	22...	1630	93	13.0	10.5
JUN					MAY				
01...	1030	11	--	18.5	27...	1745	18	20.5	21.0
JUL					SEP				
16...	1300	17	24.0	23.5	30...	1235	21	21.5	15.0
AUG					NOV				
23...	1010	3.6	--	21.5	03...	1005	40	10.5	9.0
OCT					JAN 1970				
11...	1035	7.0	18.0	11.5	28...	1600	180	15.0	3.0
NOV					MAR				
05...	1400	2.7	--	9.5	11...	0920	73	2.0	4.0
19...	1100	5.9	--	4.5	APR				
DEC					20...	1855	99	16.0	6.0
27...	1200	7.2	--	2.0	JUN				
MAR 1966					02...	0800	14	16.0	21.5
14...	1115	44	--	10.5	JUL				
MAY					16...	0845	77	21.0	22.5
23...	0955	34	--	18.5	AUG				
JUL					20...	1140	3.3	26.0	24.0
05...	0950	2.8	--	24.5	OCT				
OCT					20...	1650	5.7	16.0	18.0
27...	1245	6.6	19.0	8.5					
NOV									
30...	1700	143	0.5	3.0					

# MONONGAHELA RIVER BASIN

03060500 SALEM FORK AT SALEM, WV

LOCATION.--Lat 39°17'10", long 80°32'35", Harrison County, on left bank 0.2 mi downstream from Dog Run, 0.8 mi upstream from Cherrycamp Run, 0.9 mi northeast of Salem, and at mile 5.1.

DRAINAGE AREA.--8.32 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--January 1951 to September 1969.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE WATER (DEG C)	TEMPER- ATURE AIR (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE WATER (DEG C)	TEMPER- ATURE AIR (DEG C)
NOV 1951					JUN 1956				
06...	1120	0.04	5.5	7.5	25...	1745	34	25.5	32.0
DEC					AUG				
11...	1515	10	5.5	3.5	28...	0845	0.51	20.0	20.0
JAN 1952					SEP				
15...	1255	5.3	6.5	20.0	25...	0845	1.7	13.0	10.0
FEB					NOV				
26...	1040	3.1	0.5	-1.0	13...	0910	0.58	6.0	0.0
APR					FEB 1957				
08...	1210	17	6.0	6.5	07...	1000	24	6.0	5.5
MAY					MAR				
20...	0930	103	14.0	15.5	05...	0940	7.2	1.5	0.0
AUG					APR				
19...	0955	0.02	21.0	20.5	09...	1400	46	10.0	8.0
SEP					MAY				
16...	0910	0.12	18.0	14.5	21...	0915	4.0	15.5	13.0
OCT					AUG				
27...	1555	0.04	11.5	16.0	06...	0850	0.12	16.5	12.0
DEC					SEP				
09...	1050	1.1	4.5	15.5	03...	1645	0.40	23.5	31.0
JAN 1953					OCT				
20...	0920	8.8	4.5	3.5	08...	1000	1.8	12.0	10.5
MAR					MAR 1958				
10...	0910	5.5	1.5	1.0	10...	1705	3.0	3.5	5.5
JUN					JUL				
02...	0835	0.01	15.5	5.5	17...	1620	26	25.5	29.5
DEC					OCT				
07...	1300	0.16	5.5	9.0	07...	0845	3.5	11.0	8.5
FEB 1954					21...	1545	0.53	15.0	22.0
01...	1435	2.4	1.0	4.5	NOV				
APR					17...	1510	4.8	14.0	22.0
05...	1430	3.4	4.5	16.5	MAR 1959				
SEP					24...	1715	3.3	12.0	24.5
13...	1340	0.13	23.0	29.0	MAY				
OCT					04...	1550	90	5.5	20.5
04...	1440	3.2	23.5	29.0	JUN				
DEC					15...	1440	0.13	5.5	26.0
06...	1145	2.6	0.5	-4.0	JUL				
JAN 1955					22...	0950	0.12	24.0	25.5
04...	0850	9.4	6.0	7.5	SEP				
MAR					09...	0900	0.16	21.0	20.0
08...	1650	22	4.0	3.0	OCT				
APR					15...	0945	0.19	10.0	6.0
04...	1620	2.3	11.0	18.0	MAY 1960				
MAY					16...	1625	5.2	22.0	26.0
03...	0845	3.4	15.0	21.0	JUN				
JUL					21...	1745	5.5	19.0	19.5
12...	0850	0.83	21.5	21.0	AUG				
AUG					01...	1650	0.41	28.5	24.5
08...	1600	0.13	23.0	28.0	31...	1325	1.6	23.5	26.5
SEP					SEP				
06...	1700	0.12	28.0	32.0	30...	1305	0.51	20.0	23.0
OCT					NOV				
17...	1200	2.9	11.0	6.0	30...	1355	1.9	2.0	-2.0
NOV					MAR 1961				
16...	0930	6.4	13.5	18.5	30...	1410	8.0	12.0	--
MAY 1956									
21...	1305	4.7	18.5	24.0					

MONONGAHELA RIVER BASIN  
03060500 SALEM FORK AT SALEM, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAY 1961					MAR 1965				
01...	1455	10	--	13.5	02...	1515	10	18.5	4.5
31...	1425	1.3	--	18.0	14...	1730	2.7	--	15.5
JUN					APR				
30...	1450	1.2	--	26.0	20...	1615	16	24.5	16.5
JUL					OCT				
31...	1455	1.7	--	25.0	11...	1510	0.56	18.5	13.5
AUG					NOV				
31...	1315	0.36	--	25.5	22...	1235	0.44	9.5	6.0
OCT					DEC				
02...	1245	0.18	--	16.0	27...	1625	1.1	--	0.5
NOV					DEC 1966				
01...	1135	0.83	--	11.0	07...	1055	9.6	14.5	6.5
30...	1505	2.1	--	3.5	FEB 1967				
JAN 1962					22...	1410	13	5.5	1.5
03...	1345	4.9	1.5	1.0	DEC				
FEB					18...	1115	2.2	--	7.5
05...	1425	26	11.0	5.5	JAN 1968				
APR					29...	1245	37	--	5.0
03...	1400	19	9.0	7.0	MAR				
MAY					08...	1300	3.4	--	1.5
01...	1455	3.0	32.0	24.5	APR				
16...	1000	2.6	--	18.0	15...	1600	5.2	10.5	13.0
JUL					JUN				
05...	1225	0.23	31.0	26.5	06...	1145	3.9	--	18.5
26...	1135	0.45	26.5	21.0	JUL				
AUG					09...	1125	0.03	25.5	24.0
26...	1135	0.89	--	22.0	AUG				
DEC					15...	1715	23	29.5	23.5
17...	1505	8.8	--	2.0	SEP				
SEP 1963					26...	1215	0.23	17.0	17.0
23...	1135	0.52	--	17.0	NOV				
NOV					05...	1725	0.21	12.0	13.5
11...	1405	0.04	--	10.0	DEC				
DEC					17...	1320	0.94	1.0	1.0
05...	1340	2.6	--	5.0	JAN 1969				
APR 1964					29...	0945	35	10.5	1.0
15...	1145	3.6	--	13.0	MAR				
MAY					12...	1100	0.90	-5.0	0.0
19...	1450	0.37	--	29.5	MAY				
JUL					27...	1115	0.15	18.5	16.0
06...	1105	0.05	--	24.5	AUG				
AUG					20...	1020	1.1	23.0	22.0
17...	1340	0.01	--	26.5	SEP				
DEC					30...	1050	0.11	19.0	15.5
07...	1130	3.0	-1.0	1.0					

# MONONGAHELA RIVER BASIN

03061000 WEST FORK RIVER AT ENTERPRISE, WV

LOCATION.--Lat 39°25'20", long 80°16'40", Harrison County, Hydrologic Unit 05020002, on left bank 150 ft downstream from highway bridge at Enterprise, 0.8 mi upstream from Bingamon Creek, and at mile 12.1.

DRAINAGE AREA.--759 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--June 1907 to September 1916, October 1916 to September 1918 (gage heights only), October 1932 to September 1983, October 1983 to September 1984 (gage heights, discharge measurements, and annual maximum discharge only), October 1984 to current year.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1945					MAR 1948				
25...	1200	145	28.5	24.5	05...	1020	2000	-5.0	--
JUL					APR				
10...	1500	100	24.5	26.0	05...	1740	1210	18.0	12.0
AUG					MAY				
20...	1640	57	28.5	28.0	04...	0730	5820	10.0	13.0
23...	1000	44	21.5	20.5	JUN				
SEP					02...	0800	244	18.0	16.0
06...	1805	185	25.5	25.0	JUL				
OCT					08...	1205	979	24.5	23.0
05...	0900	582	19.5	20.0	AUG				
NOV					04...	0650	588	21.5	20.5
08...	1600	268	21.0	11.0	SEP				
DEC					07...	1815	68	22.0	24.5
13...	1640	629	-2.0	1.0	OCT				
JAN 1946					05...	0900	118	11.0	16.0
04...	0945	982	5.0	2.0	NOV				
MAR					09...	0755	837	0.5	10.5
06...	1445	580	20.0	10.0	DEC				
APR					07...	1630	2620	7.0	6.5
02...	1530	1750	16.5	11.0	FEB 1949				
MAY					03...	1230	1710	6.5	--
15...	1715	6330	28.5	15.5	APR				
JUN					06...	0800	1360	4.0	8.5
11...	1530	253	28.5	25.0	MAY				
JUL					02...	1830	478	25.5	19.5
09...	1400	503	29.5	23.5	JUN				
AUG					02...	1545	228	24.5	23.0
06...	1030	34	24.0	20.0	JUL				
SEP					12...	1845	401	--	25.0
10...	1510	35	28.5	25.0	SEP				
27...	1035	32	19.5	20.0	08...	1000	142	21.0	20.0
OCT					OCT				
09...	1120	24	15.0	14.0	03...	1725	152	16.0	16.5
DEC					NOV				
03...	1525	125	1.0	1.5	01...	1755	2270	5.0	11.5
FEB 1947					DEC				
05...	1145	627	-6.5	0.0	06...	0945	546	-9.0	1.0
APR					JAN 1950				
21...	1650	224	13.0	16.5	04...	1105	6290	20.5	8.5
MAY					FEB				
07...	1310	621	10.5	13.5	09...	0815	10200	11.0	6.5
JUN					09...	1740	14200	6.5	6.5
05...	1510	385	29.5	23.0	MAR				
JUL					07...	0730	663	1.0	3.5
08...	1455	234	19.5	21.5	APR				
AUG					10...	1745	809	20.0	7.0
12...	1615	104	31.0	29.5	MAY				
SEP					10...	0900	563	19.5	16.0
16...	1010	1930	21.5	20.5	JUN				
OCT					14...	0910	509	--	20.0
13...	1245	26	22.0	20.0	AUG				
NOV					08...	1740	152	22.0	24.0
04...	0840	133	12.0	11.5	SEP				
DEC					11...	1635	212	26.0	25.0
02...	0815	190	-6.0	0.0	APR 1951				
JAN 1948					19...	1115	1070	10.0	8.0
07...	1000	928	-5.0	1.0	MAY				
FEB					17...	1610	446	24.0	16.0
03...	0920	235	-4.0	0.0					



# MONONGAHELA RIVER BASIN

03061000 WEST FORK RIVER AT ENTERPRISE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1951					JUL 1957				
19...	0915	170	28.0	22.0	04...	1530	134	30.5	26.5
AUG 16...	0940	114	29.5	23.5	31...	1145	44	29.0	26.5
SEP 13...	1005	78	28.5	23.5	AUG 09...	0915	32	19.5	23.0
OCT 01...	1440	36	25.5	20.0	SEP 06...	0850	24	22.0	19.5
NOV 08...	0920	209	0.5	4.5	DCT 10...	1340	249	13.5	14.0
DEC 13...	1230	940	-3.0	3.5	NOV 07...	1330	151	21.5	11.0
JAN 1952					DEC 11...	1100	1840	-8.0	0.0
16...	1500	777	14.5	6.5	FEB 1958				
FEB 28...	0940	447	0.5	4.0	12...	1525	906	-4.0	0.5
JUL 10...	0900	186	16.0	22.0	MAY 15...	1750	673	26.5	20.0
AUG 20...	1655	132	25.5	27.0	OCT 06...	1750	256	16.5	15.5
SEP 17...	1045	42	20.5	20.0	DEC 30...	1205	401	8.5	3.5
OCT 08...	1225	43	--	12.0	MAY 1959				
30...	1115	22	10.0	8.0	06...	1130	1490	26.5	--
DEC 09...	0955	194	5.5	4.0	JUN 17...	1400	74	25.5	7.0
JAN 1953					JUL 22...	1425	46	32.0	25.5
21...	1335	827	9.0	5.5	SEP 09...	1135	38	30.5	25.5
MAR 11...	1105	951	7.0	4.0	OCT 15...	1320	53	16.5	13.5
JUN 03...	1050	140	25.5	20.0	JUN 1960				
JUL 15...	1410	51	25.5	22.0	24...	1025	439	27.0	21.5
AUG 20...	1035	39	21.5	20.0	OCT 27...	1040	228	12.0	9.5
SEP 16...	1010	29	19.0	20.5	DEC 07...	1700	212	3.0	4.0
OCT 07...	0900	18	11.5	8.0	JUN 1961				
NOV 04...	0900	17	14.5	9.5	02...	0955	350	--	19.5
DEC 09...	0905	32	3.5	7.0	JUL 06...	1045	263	--	19.0
JAN 1954					AUG 16...	1640	309	--	24.5
03...	0855	213	2.0	1.5	SEP 07...	1245	136	--	25.5
NOV 10...	1600	429	9.5	6.0	28...	1025	87	--	17.0
JAN 1955					NOV 06...	1435	417	10.5	13.5
05...	1600	1090	8.0	6.0	DEC 06...	1005	298	--	4.5
MAY 04...	1625	530	30.0	18.0	MAY 1962				
JUL 14...	1430	95	31.0	--	17...	1505	202	32.0	26.5
AUG 11...	1445	44	23.5	24.0	JUL 09...	1455	70	30.0	26.5
SEP 08...	0900	37	27.0	24.5	NOV 16...	1450	361	15.5	8.5
JAN 1956					JUL 1963				
18...	1440	275	5.5	1.0	02...	1330	388	--	27.0
APR 19...	0945	980	4.5	6.0	18...	1315	66	--	26.5
AUG 20...	1740	578	22.0	21.5	AUG 29...	1310	124	--	23.0
OCT 18...	1020	96	24.0	16.5	OCT 10...	1245	50	--	15.0
MAY 1957					23...	1220	37	--	14.0
23...	1655	369	26.5	23.5	NOV 14...	1440	85	--	5.5

# MONONGAHELA RIVER BASIN

03061000 WEST FORK RIVER AT ENTERPRISE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAY 1964				
22...	1145	140	--	21.0
JUL				
09...	1240	136	--	21.0
SEP				
17...	1110	28	21.5	18.0
NOV				
05...	1000	38	10.0	10.0
DEC				
11...	1255	344	9.0	4.0
JUN 1965				
03...	0815	414	--	20.0
JUL				
14...	1430	132	--	26.5
AUG				
24...	1530	38	--	25.0
OCT				
12...	1435	90	18.5	14.5
NOV				
22...	1515	62	9.0	--
MAR 1966				
17...	1320	339	--	10.5
MAY				
26...	0900	169	17.0	19.0
JUL				
05...	1515	50	--	28.0
OCT				
27...	0910	49	4.5	9.0
DEC				
06...	1150	412	6.5	0.5
JAN 1967				
10...	1140	224	4.0	1.0
FEB				
22...	1020	3490	3.5	0.5
MAR				
30...	1020	1030	24.5	6.5
JUN				
28...	0938	126	28.0	16.5
AUG				
02...	0935	238	29.0	24.5
SEP				
26...	1050	36	20.5	17.0
NOV				
08...	1110	310	--	4.5
APR 1968				
18...	1630	464	30.0	18.5
MAY				
31...	1710	1890	28.5	16.5
JUL				
03...	1225	127	25.0	25.0
AUG				
16...	0915	730	24.5	23.0
SEP				
26...	0945	90	21.0	19.5
NOV				
07...	0915	171	13.5	13.5
DEC				
18...	1300	199	1.5	1.0
JAN 1969				
30...	1410	7330	16.0	3.5
MAR				
13...	0930	327	-4.5	1.5
APR				
22...	0945	894	9.0	5.0

# MONONGAHELA RIVER BASIN

03061000 WEST FORK RIVER AT ENTERPRISE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAY 1969					
28...	1010	157	--	19.5	16.0
AUG					
21...	1415	378	--	24.0	24.5
OCT					
02...	1230	151	--	24.0	19.0
NOV					
03...	1600	218	--	9.0	12.0
DEC					
23...	1210	551	--	-6.0	0.0
FEB 1970					
05...	1730	1580	--	-1.0	2.0
MAR					
19...	1545	2550	--	8.0	4.5
APR					
20...	1505	758	--	19.0	6.0
JUN					
02...	0940	131	--	25.0	22.5
JUL					
23...	1345	101	--	23.5	21.0
OCT					
30...	1610	720	--	17.0	12.0
DEC					
09...	1355	254	--	10.0	3.0
JAN 1971					
22...	1130	672	--	15.0	2.0
MAR					
03...	1200	860	--	1.0	3.0
APR					
14...	1050	494	--	9.0	11.0
MAY					
24...	1250	410	--	23.0	18.5
JUL					
06...	1730	160	--	26.0	25.0
AUG					
24...	1300	163	--	27.0	21.0
NOV					
11...	1130	327	--	8.0	7.0
DEC					
14...	1200	882	--	16.0	10.0
JAN 1972					
19...	1230	1020	--	14.0	3.0
FEB					
29...	1300	2640	6.20	18.0	7.0
APR					
12...	1430	1480	--	17.0	11.0
MAY					
24...	1130	681	7.00	29.0	20.0
JUN					
20...	1220	222	6.00	24.5	22.0
AUG					
22...	1105	387	4.80	26.0	21.0
SEP					
26...	1500	117	5.50	30.0	20.0
DEC					
21...	1145	2520	--	7.0	5.0
JAN 1973					
18...	1245	450	6.80	16.5	9.0
FEB					
22...	1230	1090	--	2.0	2.0
MAR					
20...	1540	3040	6.80	5.0	6.0
APR					
20...	1435	1260	--	28.0	15.0

# MONONGAHELA RIVER BASIN

03061000 WEST FORK RIVER AT ENTERPRISE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
MAY 1973							
22...	1540	499	950	6.10	24.0	17.0	--
JUN							
20...	1500	189	--	6.20	33.0	27.0	--
JUL							
18...	1440	154	1100	5.90	32.0	26.0	--
AUG							
22...	1330	1100	600	7.00	18.5	19.0	--
SEP							
18...	1325	1180	800	6.50	14.5	19.5	--
DCT							
24...	1230	118	--	6.60	16.0	13.5	--
NOV							
27...	1445	2610	515	6.80	16.5	10.5	--
28...	1020	12100	320	6.70	13.0	12.0	--
JAN 1974							
23...	0945	1510	--	5.80	10.5	9.0	--
MAR							
28...	1250	658	--	6.80	21.0	10.5	--
APR							
29...	1315	324	1000	5.80	28.0	20.0	--
JUN							
07...	1230	774	--	--	24.0	16.0	--
JUL							
03...	1540	493	850	6.20	35.0	24.0	--
AUG							
06...	1350	173	--	--	25.0	21.0	--
SEP							
05...	1545	915	--	--	21.0	19.0	--
OCT							
09...	1350	112	1300	7.00	21.5	14.5	--
NOV							
07...	1430	228	1100	6.80	11.0	11.0	--
DEC							
12...	1300	1040	--	--	10.0	3.0	--
JUN 1975							
10...	1345	389	875	7.00	25.5	20.5	--
JUL							
08...	1230	257	900	7.10	26.0	24.0	--
31...	1355	92	1300	6.50	34.0	27.5	--
AUG							
04...	1050	115	1500	6.00	34.0	26.0	6.7
SEP							
04...	1135	302	790	7.00	21.5	22.5	8.2

MONONGAHELA RIVER BASIN

03061500 BUFFALO CREEK AT BARRACKVILLE, WV

LOCATION.--Lat 39°30'15", long 80°10'20", Marion County, Hydrologic Unit 05020003, near center of span on downstream side of highway bridge at Barrackville, 1,700 ft upstream from Finchs Run, and at mile 4.0.

DRAINAGE AREA.--115 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--June 1907 to December 1908, May 1915 to June 1924, August 1932 to current year.

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAR 1945					APR 1948				
07...	1200	78	13.5	9.5	06...	1440	181	15.5	13.5
MAY					MAY				
10...	1450	83	21.0	15.5	04...	1455	293	19.5	13.5
JUL					JUN				
10...	1720	9.1	25.5	26.0	02...	1030	30	22.0	19.0
AUG					JUL				
22...	1405	2.8	29.0	24.0	09...	1250	14	28.5	25.0
SEP					AUG				
16...	1550	5.7	26.5	25.0	04...	1140	13	22.0	23.0
OCT					SEP				
04...	1600	9.8	16.5	14.0	08...	1510	3.8	28.0	24.5
NOV					OCT				
09...	0920	3.6	14.5	9.5	05...	1330	5.4	9.0	13.0
DEC					NOV				
07...	1020	513	1.5	5.0	15...	1430	46	12.0	8.0
JAN 1946					DEC				
03...	1510	118	4.0	1.0	08...	1330	137	3.0	5.0
FEB					JAN 1949				
13...	1630	191	13.5	1.5	11...	1300	106	4.0	6.0
APR					FEB				
03...	1430	137	22.0	14.0	03...	1440	86	7.0	1.5
MAY					MAY				
10...	1450	83	21.0	15.5	03...	1245	51	26.5	19.0
JUN					JUN				
12...	0845	27	24.5	21.0	02...	1320	26	23.0	20.5
JUL					SEP				
10...	1430	8.9	32.5	27.5	07...	1435	13	22.0	20.5
AUG					OCT				
06...	1440	11	19.5	20.5	04...	0820	8.7	18.0	15.0
SEP					NOV				
11...	1705	2.2	25.0	23.0	02...	1250	50	12.0	9.5
NOV					DEC				
07...	1615	7.2	12.5	13.5	06...	1315	71	2.0	0.5
DEC					13...	1805	2910	0.0	6.5
03...	1700	17	0.5	1.0	JAN 1950				
MAR 1947					04...	1810	603	14.0	10.0
04...	1525	53	-0.5	0.5	30...	1615	1630	0.0	6.5
APR					FEB				
22...	1710	32	20.0	16.5	09...	1440	2650	7.0	6.5
MAY					APR				
07...	1000	108	9.5	11.5	11...	1440	98	9.0	10.5
JUL					MAY				
10...	0925	41	--	20.0	09...	0845	110	11.5	13.0
AUG					JUL				
12...	1410	13	32.0	28.0	11...	1140	9.7	23.0	20.5
SEP					AUG				
03...	1625	10	25.5	23.5	10...	1115	13	--	21.0
OCT					FEB 1951				
13...	1730	3.5	21.0	19.5	09...	1145	213	14.0	0.0
NOV					MAY				
04...	1240	196	13.5	12.0	17...	0940	80	19.0	16.5
DEC					JUL				
02...	1150	31	6.5	0.5	18...	1400	12	29.5	22.0
JAN 1948					AUG				
05...	1645	234	-1.5	3.0	15...	1350	3.2	30.5	25.5
FEB					SEP				
03...	1405	31	-0.5	0.0	12...	1410	1.3	26.5	24.0
MAR									
04...	1725	202	1.0	5.5					

## MONONGAHELA RIVER BASIN

03061500 BUFFALO CREEK AT BARRACKVILLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
DCT 1951					AUG 1955				
02...	1110	0.76	24.5	16.0	10...	1400	2.1	29.5	27.0
NOV					SEP				
07...	1545	2.9	3.5	6.0	07...	1645	3.1	32.0	28.5
DEC					OCT				
13...	0925	64	22.0	1.5	18...	1545	33	10.0	11.5
JAN 1952					JAN 1956				
16...	1145	62	5.5	6.0	17...	1350	22	0.0	0.0
FEB					MAY				
27...	1600	55	6.0	4.5	23...	0930	135	21.0	16.5
APR					JUN				
09...	1545	272	15.5	9.0	27...	0900	521	26.5	24.5
JUN					AUG				
03...	0825	7.8	18.0	16.0	29...	1610	30	28.5	23.5
JUL					SEP				
09...	1550	300	18.0	23.0	26...	1450	80	19.0	14.5
AUG					NOV				
01...	0850	2.2	18.5	20.0	14...	1645	13	21.0	9.5
20...	1415	25	27.0	24.5	MAR 1957				
SEP					06...	1555	119	10.0	6.0
17...	1320	16	20.5	19.5	MAY				
OCT					23...	1400	43	26.5	22.0
08...	1440	10	--	12.0	JUL				
30...	0920	1.8	--	6.0	03...	1440	5.3	28.0	25.5
DEC					AUG				
09...	1200	49	18.0	4.0	08...	1515	1.2	31.0	25.0
JAN 1953					SEP				
21...	1035	140	6.0	5.5	05...	1135	0.44	23.0	20.0
MAR					OCT				
11...	0845	115	-2.0	4.0	09...	1340	6.3	16.0	14.5
APR					NOV				
21...	1435	330	13.5	9.0	06...	1350	17	15.5	9.5
JUL					DEC				
15...	1055	1.5	24.5	20.5	12...	0950	87	--	0.0
AUG					MAR 1958				
20...	0835	0.82	13.5	16.5	13...	1025	44	3.5	3.5
SEP					AUG				
15...	1635	0.79	21.0	16.0	25...	1635	95	29.5	21.0
NOV					NOV				
03...	1355	0.67	24.0	13.0	18...	1520	79	26.5	10.0
DEC					DEC				
08...	1420	5.3	18.5	4.5	31...	0955	59	-2.0	2.0
JAN 1954					MAY 1959				
05...	1550	17	1.0	2.0	06...	0845	57	17.5	4.0
FEB					JUN				
02...	1445	33	7.0	1.5	11...	1220	8.0	27.0	6.5
MAR					JUL				
02...	1705	428	11.5	3.5	27...	1520	19	26.5	25.5
MAY					SEP				
12...	0810	155	13.5	8.5	09...	1425	1.8	31.5	24.5
JUL					OCT				
07...	1540	5.7	25.0	24.0	14...	1510	2.5	18.5	10.0
OCT					JAN 1960				
05...	1715	84	25.5	23.0	05...	1545	221	-1.0	1.0
NOV					FEB				
09...	1645	47	12.0	5.5	26...	1130	1240	-1.0	0.0
DEC					JUN				
07...	1435	41	-1.5	1.0	23...	1400	7.3	24.0	22.0
JAN 1955					AUG				
05...	1350	137	4.5	6.0	03...	1540	5.0	30.5	26.0
MAR					OCT				
10...	1320	234	13.0	4.5	26...	1620	7.6	16.0	8.0
30...	1130	100	12.0	5.0	DEC				
APR					07...	1215	9.4	2.0	4.0
05...	1635	56	15.0	12.0	FEB 1961				
MAY					27...	1235	504	--	4.5
04...	1400	63	29.0	18.0					
JUL									
13...	1515	8.8	32.0	23.5					

MONONGAHELA RIVER BASIN

03061500 BUFFALO CREEK AT BARRACKVILLE, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
APR 1961				
20...	1510	164	--	10.5
JUN				
01...	1650	38	--	20.5
JUL				
05...	1545	126	--	19.0
AUG				
16...	1330	51	--	21.0
SEP				
27...	1635	22	--	18.5
NOV				
06...	1205	208	--	13.5
DEC				
05...	1645	49	--	7.0
MAY 1962				
21...	1355	17	31.5	25.0
AUG				
21...	1520	1.4	29.5	24.0
NOV				
14...	1700	54	15.0	9.0
MAY 1963				
01...	0845	112	--	10.0
JUL				
18...	1105	5.5	--	23.0
AUG				
28...	1645	2.8	--	21.5
OCT				
08...	1650	1.4	--	18.0
NOV				
12...	1435	2.8	--	9.0
APR 1964				
16...	1555	76	--	12.0
MAY				
21...	1530	22	--	23.0
JUL				
07...	1525	11	--	24.0
NOV				
06...	0845	2.4	8.5	10.5
12...	1225	3.1	--	10.0
DEC				
10...	0900	37	--	1.5
APR 1965				
21...	1535	104	22.0	12.0
JUN				
02...	1300	12	--	22.0
JUL				
14...	1730	4.5	24.0	26.5
AUG				
24...	1335	3.7	--	24.0
OCT				
12...	1220	21	21.0	12.0
NOV				
23...	1455	17	6.5	6.5
MAR 1966				
16...	1715	88	--	11.0
MAY				
25...	1610	30	--	23.0
SEP				
18...	1615	1.7	--	19.5
OCT				
26...	1440	4.2	16.5	10.5
DEC				
06...	0915	38	6.5	0.0
JAN 1967				
10...	1330	20	2.0	0.5

## MONONGAHELA RIVER BASIN

03061500 BUFFALO CREEK AT BARRACKVILLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
FEB 1967						
22...	0800	255	--	--	4.0	1.0
MAR						
23...	1750	379	--	--	-3.0	1.0
JUN						
28...	0705	11	--	--	20.5	19.0
AUG						
01...	1440	4.6	--	--	21.5	24.0
SEP						
26...	1015	2.5	--	--	17.5	16.5
NOV						
09...	1000	13	--	--	--	3.5
DEC						
19...	1330	52	--	--	--	6.5
JAN 1968						
17...	1225	34	--	--	--	0.5
APR						
18...	0820	66	--	--	17.0	13.0
JUN						
06...	1420	134	--	--	--	19.5
JUL						
02...	1405	12	--	--	33.5	29.5
AUG						
14...	1255	19	--	--	23.0	19.5
SEP						
25...	1110	7.1	--	--	23.0	20.0
NOV						
07...	1615	10	--	--	13.0	13.5
DEC						
18...	1515	23	--	--	3.5	2.0
JAN 1969						
31...	0905	634	--	--	3.0	1.0
MAR						
13...	1640	22	--	--	1.5	1.0
APR						
21...	1415	215	--	--	12.0	9.5
MAY						
28...	1410	26	--	--	23.5	20.0
JUL						
10...	1905	46	--	--	24.5	23.0
OCT						
02...	1505	7.9	--	--	28.0	19.0
NOV						
05...	1020	18	--	--	4.0	7.0
FEB 1970						
06...	0945	172	--	--	0.0	1.0
MAR						
20...	1030	546	--	--	9.0	3.0
APR						
21...	1010	249	270	7.80	--	14.0
JUN						
10...	1100	104	295	7.30	24.0	19.0
JUL						
22...	1030	19	--	--	23.0	20.5
AUG						
31...	1145	7.9	950	7.10	28.0	23.5
OCT						
28...	1235	20	--	--	16.0	12.0
DEC						
09...	1030	76	--	--	8.0	3.5
JAN 1971						
21...	1500	78	--	--	4.0	2.0
MAR						
05...	1350	85	--	--	14.0	8.0



# MONONGAHELA RIVER BASIN

03061500 BUFFALO CREEK AT BARRACKVILLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
APR 1971						
15...	1335	85	--	--	22.0	13.5
MAY						
24...	1750	52	--	--	21.0	18.0
JUL						
07...	1600	7.3	--	--	31.0	26.0
AUG						
18...	1200	9.1	--	--	27.0	21.0
SEP						
29...	1550	104	--	--	30.0	20.0
NOV						
11...	1300	35	--	--	11.0	6.0
JAN 1972						
19...	1500	136	--	--	16.0	3.0
FEB						
29...	1400	498	500	6.50	22.0	9.0
APR						
12...	1415	172	--	7.50	17.0	10.0
MAY						
24...	1415	70	--	9.00	30.0	21.0
JUN						
21...	1445	23	1600	6.70	22.5	20.0
JUL						
20...	1630	99	200	6.90	29.0	21.0
AUG						
22...	1310	26	--	--	26.0	22.0
SEP						
27...	1515	5.4	--	--	26.0	19.0
NOV						
27...	1130	414	--	7.00	11.0	10.0
DEC						
21...	1400	519	--	--	10.0	6.0
27...	1445	190	--	--	1.5	5.0
JAN 1973						
18...	1515	37	--	--	16.0	10.0
FEB						
22...	1530	125	--	--	0.0	4.0
MAR						
21...	1110	484	--	7.10	5.5	6.0
APR						
24...	1130	1390	360	7.50	22.0	15.0
MAY						
23...	1110	51	940	7.90	18.0	15.0
JUN						
20...	1625	44	500	7.00	30.0	26.0
JUL						
19...	1035	11	500	8.10	24.0	20.0
AUG						
22...	1515	93	500	9.50	21.5	19.5
SEP						
19...	1025	69	625	7.60	14.5	13.5
NOV						
28...	1625	1440	155	6.70	9.0	11.5
DEC						
26...	1215	465	--	7.80	10.0	9.0
JAN 1974						
23...	1345	220	--	7.20	11.5	9.0
FEB						
21...	1345	119	--	7.40	--	--
MAR						
26...	1050	145	--	7.10	4.5	5.5
APR						
29...	1630	59	--	--	28.0	21.0
JUN						
05...	1055	103	--	--	21.0	16.0

MONONGAHELA RIVER BASIN

03061500 BUFFALO CREEK AT BARRACKVILLE, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1974						
02...	0935	78	650	7.80	24.0	19.0
AUG						
06...	1050	24	800	8.10	19.0	19.0
SEP						
04...	1130	677	200	6.80	16.0	16.0
DCT						
09...	1600	21	1100	--	19.0	13.0
NDV						
05...	1045	26	--	7.80	17.0	14.0
DEC						
12...	1440	186	--	8.00	9.0	6.0
JAN 1975						
08...	0930	160	300	7.80	9.0	4.0
FEB						
05...	1215	347	--	--	1.0	6.0
MAR						
12...	1140	292	--	--	--	--
APR						
17...	1500	58	800	8.00	21.5	13.5
MAY						
08...	1400	164	--	--	--	--
JUN						
09...	1445	67	--	--	--	--
JUL						
08...	1410	18	1200	8.00	25.0	24.5
16...	1000	20	650	8.00	25.5	22.0
AUG						
06...	1050	24	1300	8.00	25.5	22.5
SEP						
04...	1315	66	400	7.80	25.0	21.0

# MONONGAHELA RIVER BASIN

03062000 MONONGAHELA RIVER AT LOCK 15, HOULT, WV

LOCATION.--Lat 39°30'25", long 80°07'50", on right bank above spillway of dam at Lock 15, at Houlton, Marion County, three-quarters of a mile downstream from Buffalo Creek, 2 1/2 mi downstream from Fairmont, 4 mi downstream from confluence of Tygart Valley and West Fork Rivers, and at mile 124.2.

DRAINAGE AREA.--2,388 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--April 1915 to September 1926, October 1938 to September 1967.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1945					JUL 1948				
28...	1105	926	29.5	24.0	09...	0840	2340	24.5	22.0
JUL					AUG				
11...	1200	732	20.0	24.5	04...	1815	4700	22.0	22.0
AUG					SEP				
21...	1020	529	25.0	24.0	08...	1205	673	26.5	25.0
OCT					OCT				
04...	1010	2000	10.5	16.5	06...	0900	685	10.0	15.5
NOV					DEC				
08...	1230	1560	21.5	11.5	08...	1030	10400	3.0	6.5
JAN 1946					APR 1949				
02...	1600	6160	-1.5	1.0	06...	1730	4460	6.5	9.5
MAY					MAY				
10...	1150	2100	24.5	14.5	03...	0950	1290	23.0	19.0
JUN					JUL				
07...	1030	2560	24.5	20.5	07...	1040	309	30.0	29.0
JUL					SEP				
10...	1010	2010	29.0	24.0	07...	1200	928	24.0	23.0
SEP					OCT				
11...	1125	520	21.0	23.0	04...	1140	616	22.0	18.0
DEC					NOV				
04...	1145	978	5.5	3.5	02...	0750	8040	3.0	11.5
FEB 1947					JAN 1950				
06...	1530	2550	-6.5	0.5	30...	1100	24200	2.0	8.5
MAY					APR				
06...	1730	1440	15.5	15.5	11...	1045	2100	21.0	8.5
NOV					JAN 1951				
05...	1245	996	15.5	13.5	09...	0935	4070	-10.0	--
DEC					JAN 1952				
02...	1740	2450	3.0	4.5	17...	1105	4060	7.5	4.0
JAN 1948					APR 1954				
06...	1125	6760	0.5	3.0	19...	1330	8050	29.5	--
FEB					DEC				
24...	0750	11600	-4.0	4.0	13...	1350	3520	3.5	1.5
MAR					DEC 1957				
04...	1135	14300	2.5	6.5	11...	1615	17300	-6.5	0.0
APR					MAR 1959				
06...	1120	4660	23.0	12.0	24...	1610	1660	15.5	7.0
MAY					DEC 1966				
05...	1010	10200	13.0	13.0	02...	1000	4840	-1.0	2.0
JUN									
02...	1600	1730	27.0	19.5					

# MONONGAHELA RIVER BASIN

03062400 COBUN CREEK AT MORGANTOWN, WV

LOCATION.--Lat 39°36'30", long 79°57'20", Monongalia County, Hydrologic Unit 05020003, on left bank at Morgantown, 30 ft upstream from concrete box culvert on Greenbag Road, and at mile 1.4.

DRAINAGE AREA.--10.9 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--April 1965 to current year.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1964				
04...	1430	37	2.0	4.0
APR 1965				
13...	1435	46	6.5	4.5
JUN				
23...	1725	0.05	--	24.0
JUL				
12...	1225	1.1	--	24.0
OCT				
13...	1555	0.67	22.0	12.5
NOV				
24...	0945	0.73	8.0	4.5
DEC				
29...	0915	0.68	--	0.0
MAR 1966				
16...	1405	7.4	--	11.0
MAY				
24...	1445	4.8	--	23.0
OCT				
24...	0900	0.43	3.0	0.5
DEC				
05...	1445	3.9	3.5	0.0
JAN 1967				
09...	1200	4.6	0.0	0.5
FEB				
17...	1200	19	-4.5	0.5
APR				
17...	1120	7.6	--	8.0
JUN				
26...	1600	1.6	26.0	21.0
AUG				
01...	0800	5.2	25.5	18.0
OCT				
24...	1515	3.5	20.5	13.5
DEC				
07...	1700	37	9.0	5.5
JAN 1968				
25...	1335	39	0.0	0.5
MAR				
05...	1700	3.8	6.0	1.5
APR				
17...	1610	7.3	22.0	15.0
MAY				
29...	1230	38	18.5	12.0
JUL				
02...	1045	0.24	33.5	29.5
AUG				
13...	0845	0.52	24.0	21.5
SEP				
24...	1515	0.01	29.0	23.5
NOV				
19...	1500	22	1.5	6.0
DEC				
19...	1630	140	6.5	1.0
FEB 1969				
04...	1525	18	-5.0	0.0

# MONONGAHELA RIVER BASIN

03062400 COBUN CREEK AT MORGANTOWN, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAR 1969						
10...	1600	4.2	--	--	-2.0	1.0
APR						
25...	1020	17	--	--	20.0	5.5
JUN						
02...	1620	0.59	--	--	27.0	25.0
JUL						
22...	1410	120	--	--	30.0	19.0
AUG						
28...	1645	0.09	--	--	22.0	26.0
SEP						
30...	1910	0.04	--	--	18.5	17.0
NDV						
05...	1650	0.65	--	--	4.0	8.0
DEC						
22...	1300	6.9	--	--	-6.0	0.0
FEB 1970						
03...	1645	45	--	--	-6.0	0.0
APR						
06...	1500	30	--	--	6.5	7.5
21...	1415	29	130	7.60	--	14.5
JUN						
10...	1650	3.1	260	8.00	--	26.5
AUG						
04...	1335	18	--	--	23.5	21.0
SEP						
28...	1755	6.3	--	--	14.0	15.0
OCT						
28...	1615	1.9	--	--	12.0	12.5
DEC						
07...	1615	10	--	--	-2.0	3.0
23...	1150	280	--	--	19.0	7.0
23...	1330	272	--	--	19.0	7.0
JAN 1971						
20...	1845	9.7	--	--	-1.0	0.0
FEB						
22...	1125	124	--	--	10.0	6.0
MAR						
01...	1550	18	--	--	8.5	8.5
15...	1030	39	--	--	--	8.5
JUN						
04...	0830	2.2	--	--	21.0	17.5
JUL						
12...	1530	1.1	--	--	23.5	23.0
AUG						
18...	1600	0.61	--	--	31.0	25.0
OCT						
05...	0845	3.3	--	--	24.0	17.0
NDV						
10...	1445	5.3	--	--	12.0	6.0
DEC						
15...	1400	12	--	--	16.0	11.0
JAN 1972						
21...	0905	20	--	--	12.0	5.0
MAR						
01...	1530	69	120	6.50	20.0	7.0
APR						
11...	1330	25	--	--	17.0	10.0
MAY						
22...	1605	9.1	--	7.00	26.0	19.0
JUN						
21...	0930	4.2	--	--	22.0	20.0
JUL						
24...	1050	1.3	85	6.40	29.0	21.0
SEP						
11...	1415	0.18	--	--	28.0	18.0

## MONONGAHELA RIVER BASIN

03062400 COBUN CREEK AT MORGANTOWN, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1972						
24...	1515	1.5	--	--	14.0	15.0
NOV						
21...	1530	29	--	--	8.0	8.0
DEC						
19...	1645	20	--	--	8.0	5.0
JAN 1973						
23...	0955	24	--	--	6.0	5.0
FEB						
23...	1500	13	--	--	2.0	2.5
MAR						
21...	1450	22	--	--	6.0	6.0
APR						
19...	1425	15	140	6.70	24.0	17.0
MAY						
21...	1515	7.5	115	7.00	18.0	15.0
JUN						
01...	1040	5.3	279	7.60	19.0	14.0
01...	1215	5.2	280	7.50	21.0	16.0
JUL						
17...	1445	0.86	320	7.70	19.5	21.0
AUG						
22...	1655	9.8	380	7.20	18.0	18.5
SEP						
20...	1350	1.5	420	7.80	16.0	16.0
NOV						
19...	1520	9.9	--	7.00	10.0	9.0
DEC						
28...	1245	41	--	6.40	4.5	6.0
JAN 1974						
23...	1500	20	--	6.60	10.5	8.5
FEB						
21...	1330	18	--	7.10	--	--
MAR						
29...	0920	10	--	6.70	12.0	7.0
MAY						
01...	0955	6.1	175	6.90	17.5	15.0
13...	1115	80	140	6.70	15.5	11.0
JUN						
06...	1505	9.4	--	--	30.0	21.5
JUL						
05...	1200	42	160	6.80	32.0	20.0
AUG						
07...	1110	0.76	--	--	28.0	20.0
SEP						
06...	1310	14	--	--	20.0	15.0
OCT						
10...	1535	1.4	300	7.00	15.0	12.5
NOV						
06...	1115	5.5	--	--	12.0	10.0
DEC						
12...	1605	22	--	7.00	8.5	5.5
JAN 1975						
08...	1415	16	270	7.10	16.0	5.5
FEB						
05...	1405	36	--	--	1.5	5.0
MAR						
12...	1400	79	--	--	13.0	1.5
APR						
10...	1330	12	380	7.00	17.0	7.5
JUN						
11...	1155	7.8	180	7.50	20.5	16.0
JUL						
09...	0940	1.8	230	8.10	--	21.5
AUG						
07...	1405	0.53	280	8.00	23.0	21.0
SEP						
02...	1430	28	215	7.30	22.0	20.0

## MONONGAHELA RIVER BASIN

03062500 DECKERS CREEK AT MORGANTOWN, WV

LOCATION.--39°37'45", long 79°57'10", Monongalia County, on left bank at Kingwood Street, in Morgantown, 0.6 mi upstream from mouth.

DRAINAGE AREA.--63.2 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--April 1914 to September 1915 (gage heights only), February 1946 to September 1969.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
FEB 1946					DEC 1948				
09...	1205	131	9.0	3.5	09...	1055	11	1.0	2.5
MAR					FEB 1949				
06...	1700	70	16.5	12.5	09...	1710	119	10.0	5.5
APR					MAR				
03...	1340	109	16.0	13.0	09...	1535	117	7.5	4.0
MAY					APR				
09...	1510	70	17.5	15.5	16...	1605	256	5.5	7.5
JUL					MAY				
05...	1220	10	28.5	24.5	04...	1650	37	30.5	23.0
AUG					JUN				
07...	1535	4.0	24.5	22.5	16...	0925	6.6	25.0	21.5
SEP					JUL				
05...	1140	1.5	23.0	19.0	06...	0725	2.9	26.5	29.0
OCT					AUG				
04...	1200	2.0	23.5	15.5	05...	0945	4.7	26.5	24.0
16...	1700	3.4	15.5	15.5	SEP				
NOV					07...	1410	6.6	23.5	21.5
08...	1530	7.0	10.0	11.0	OCT				
DEC					12...	0900	2.7	24.5	19.0
05...	1435	6.0	8.5	1.5	NOV				
FEB 1947					09...	0815	24	17.5	7.5
05...	1530	70	--	0.0	DEC				
MAR					08...	0850	64	-3.0	2.5
06...	1445	55	4.0	3.5	JAN 1950				
31...	1630	99	15.5	4.5	12...	1610	247	5.5	5.0
APR					FEB				
01...	0935	97	7.5	4.5	03...	0725	590	-5.0	4.5
MAY					MAR				
07...	1055	121	8.0	11.5	09...	1550	81	-2.0	3.0
JUL					APR				
09...	1440	52	30.5	21.0	11...	0740	98	17.5	9.0
AUG					MAY				
06...	1405	41	30.5	27.5	09...	1505	114	19.5	14.5
SEP					JUN				
03...	1415	7.3	28.5	25.0	07...	1025	129	21.0	16.0
OCT					JUL				
09...	0820	4.3	16.0	15.0	13...	1005	13	22.5	21.5
NOV					MAR 1951				
05...	1530	82	14.5	12.5	06...	1045	194	15.5	7.0
JAN 1948					AUG				
07...	1620	122	-2.0	1.5	07...	1125	8.3	26.5	25.0
FEB					SEP				
05...	1030	35	-1.0	2.5	11...	1145	7.8	28.0	22.0
MAR					OCT				
03...	1620	214	9.0	7.5	02...	1150	4.0	29.5	22.0
APR					NOV				
07...	1400	108	21.0	14.5	06...	1310	9.9	9.5	5.5
13...	1300	3020	15.5	10.5	DEC				
MAY					11...	1135	197	4.0	0.0
05...	1530	455	17.5	12.5	FEB 1952				
JUN					25...	1655	71	9.0	5.5
02...	1625	23	26.5	20.0	APR				
JUL					01...	1145	68	20.0	10.0
08...	1555	138	29.5	22.5	JUN				
SEP					24...	1035	63	28.5	24.0
08...	1725	4.2	24.5	26.5	AUG				
OCT					05...	1435	42	31.0	28.0
06...	1730	4.6	13.5	14.0	SEP				
NOV					16...	1230	136	28.0	23.5
03...	1605	7.3	12.5	11.5					

# MONONGAHELA RIVER BASIN

03062500 DECKERS CREEK AT MORGANTOWN, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1952					OCT 1956				
29...	1010	4.7	3.0	6.5	10...	1110	37	12.5	10.0
DEC					NOV				
09...	1555	44	19.0	3.0	08...	1000	33	14.5	11.5
JAN 1953					JAN 1957				
21...	0950	154	5.5	6.0	14...	1625	151	-4.0	0.5
MAR					FEB				
03...	1200	64	4.5	3.5	05...	0925	195	3.0	1.0
17...	1620	235	18.5	10.0	MAR				
JUL					05...	0945	134	5.5	1.5
14...	1145	1.9	28.0	25.0	APR				
AUG					16...	0905	77	12.0	5.5
19...	1015	2.0	19.5	18.0	JUN				
OCT					04...	0930	15	25.5	15.5
05...	1700	1.2	13.0	16.0	JUL				
NOV					15...	1530	4.0	32.0	26.5
18...	0820	1.8	-3.5	4.0	SEP				
DEC					26...	0925	7.2	18.5	15.0
14...	1625	30	3.5	5.5	OCT				
JAN 1954					15...	1020	7.8	15.5	10.0
20...	0915	111	1.5	3.5	NOV				
FEB					04...	1700	31	11.0	--
15...	1645	26	18.5	10.5	DEC				
MAR					03...	0900	59	1.0	0.5
24...	0840	91	3.5	4.5	JAN 1958				
APR					06...	1545	72	4.5	1.5
20...	1525	145	29.5	15.0	FEB				
MAY					27...	0830	805	5.5	1.0
19...	0910	61	11.0	13.5	MAR				
JUL					07...	0850	126	2.0	0.5
14...	1435	4.4	35.0	25.5	APR				
AUG					11...	0915	133	3.0	1.5
18...	1415	144	32.5	25.5	MAY				
SEP					19...	1700	76	25.5	4.0
15...	0935	17	23.5	19.5	JUN				
OCT					16...	1710	26	20.0	4.0
19...	1645	130	10.0	15.5	JUL				
NOV					14...	1615	176	26.5	6.5
12...	1130	46	8.5	5.0	AUG				
DEC					27...	1620	431	27.0	6.5
13...	1920	74	4.0	2.5	OCT				
JAN 1955					06...	1750	32	19.0	4.5
11...	1710	114	3.5	3.5	JUN 1959				
MAR					09...	1700	9.0	32.0	22.5
15...	1445	175	12.5	9.5	JUL				
APR					16...	0855	2.9	21.0	20.5
14...	1035	40	20.0	14.0	AUG				
MAY					19...	1650	4.2	25.0	29.5
10...	1555	34	25.5	18.0	SEP				
JUN					30...	1250	1.9	22.0	22.0
22...	1420	20	30.0	23.5	FEB 1961				
JUL					13...	1155	60	10.0	2.0
28...	1200	8.6	31.5	26.5	MAR				
AUG					28...	1210	111	18.5	4.5
16...	1335	29	33.5	25.5	MAY				
SEP					12...	1235	190	28.0	15.0
14...	1120	4.7	35.5	21.5	JUN				
OCT					20...	1105	60	29.0	20.5
11...	1145	13	32.5	18.5	OCT				
DEC					30...	1515	20	18.5	14.5
19...	1630	22	-1.0	0.0	DEC				
JAN 1956					07...	1205	30	7.0	2.0
26...	1100	214	0.0	0.0	FEB 1962				
APR					28...	0930	620	9.0	3.0
24...	1110	97	11.5	4.5	MAY				
JUL					23...	1200	17	30.0	24.5
06...	0740	67	21.0	21.0					
SEP									
05...	1710	22	33.5	26.0					



# MONONGAHELA RIVER BASIN

03062500 DECKERS CREEK AT MORGANTOWN, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1962					OCT 1966				
11...	1145	4.0	29.0	26.0	24...	1400	6.0	20.0	13.0
AUG					NOV				
22...	1250	4.0	25.5	23.5	28...	1530	221	3.5	3.5
MAY 1963					JAN 1967				
02...	1320	46	--	12.5	09...	1310	34	1.0	2.5
JUN					FEB				
07...	1145	119	--	19.0	17...	1325	116	-5.0	0.5
17...	1445	6.2	31.0	29.5	MAR				
AUG					24...	1440	287	5.5	2.5
28...	1240	2.2	--	21.5	JUN				
OCT					26...	1310	21	31.5	20.5
09...	1410	1.4	--	15.5	JUL				
NOV					31...	1550	45	28.5	24.5
13...	1430	7.9	--	5.0	SEP				
DEC					25...	0950	2.3	20.0	17.5
19...	0950	26	-12.0	0.0	OCT				
APR 1964					24...	1300	34	22.0	12.0
16...	1335	67	--	11.5	DEC				
JUL					07...	1420	260	14.5	5.5
08...	1240	7.9	--	20.5	JAN 1968				
28...	1345	6.9	--	30.0	25...	1605	180	-1.0	0.5
AUG					MAR				
19...	1230	4.3	--	21.0	05...	1420	22	10.0	3.5
DEC					APR				
09...	1410	76	3.5	2.0	17...	1345	46	23.0	14.5
JAN 1965					MAY				
04...	1300	275	3.5	3.5	28...	1645	412	11.0	9.5
MAR					JUL				
01...	1340	94	10.0	4.0	02...	0905	8.6	26.0	19.0
JUN					AUG				
23...	1510	4.0	--	29.5	13...	1650	14	27.0	23.0
AUG					SEP				
25...	1200	2.5	--	25.0	24...	1600	4.1	27.0	24.5
OCT					NOV				
13...	1520	10	20.5	14.5	20...	1325	143	0.0	1.5
NOV					DEC				
24...	0820	6.9	4.5	5.0	09...	1450	69	8.5	3.5
DEC					MAR 1969				
02...	1315	8.9	9.5	3.0	14...	1250	34	1.0	1.0
29...	1600	11	--	1.0	APR				
MAR 1966					25...	0750	156	0.5	0.5
16...	1315	54	--	9.5	JUN				
MAY					02...	1515	10	27.0	23.0
24...	1315	39	--	22.0	AUG				
AUG					28...	1530	9.4	22.0	26.0
05...	1125	1.3	--	23.0	OCT				

# MONONGAHELA RIVER BASIN

03063600 HORSECAMP RUN AT HARMAN, WV

LOCATION.--Lat 38°54'51", long 79°30'32", Randolph County, Hydrologic Unit 05020001, on right bank 1.0 mi, southeast of Harman, and at mile 1.1.

DRAINAGE AREA.--6.57 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--July 1969 to September 1977.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
AUG 1969						
05...	1545	0.25	--	--	30.0	19.0
SEP						
10...	1515	1.0	--	--	17.0	14.0
OCT						
22...	1540	1.1	--	--	11.0	10.0
DEC						
05...	1050	1.2	--	--	4.0	0.0
FEB 1970						
27...	1055	5.4	--	--	7.5	1.5
APR						
10...	1050	22	--	--	14.5	6.0
MAY						
20...	1230	1.7	215	8.00	27.0	14.0
JUN						
26...	1000	0.42	--	--	32.0	17.0
AUG						
13...	1115	0.28	280	8.00	27.0	15.5
SEP						
24...	1540	1.5	260	8.00	24.0	18.0
NOV						
05...	1440	26	200	7.60	4.0	7.0
06...	1600	37	215	8.00	9.0	7.5
DEC						
17...	1420	10	230	7.40	1.0	4.5
FEB 1971						
19...	1545	53	160	7.50	7.0	4.0
MAR						
11...	1153	7.3	--	--	-10.0	2.0
APR						
16...	1050	6.2	--	--	11.5	7.5
JUN						
08...	1510	7.4	205	8.00	24.0	17.0
JUL						
14...	1445	0.31	255	8.00	28.0	19.0
AUG						
25...	1115	0.68	265	7.00	21.0	14.0
OCT						
07...	1315	2.9	180	8.00	9.5	12.0
NOV						
18...	1121	1.0	210	8.00	11.0	6.0
DEC						
09...	1445	26	240	7.40	16.0	9.0
15...	0950	5.1	195	7.50	17.0	8.0
JAN 1972						
26...	1000	15	180	7.00	3.5	2.0
MAR						
09...	1230	7.0	170	7.50	-1.0	1.0
APR						
21...	0933	8.6	170	7.80	13.0	8.5
24...	1245	56	160	7.00	14.5	8.0
MAY						
04...	1245	82	160	7.00	19.0	10.0
JUN						
08...	1020	1.3	220	8.00	15.0	12.0
24...	0845	49	210	7.50	9.0	9.5

## MONONGAHELA RIVER BASIN

03063600 HORSECAMP RUN AT HARMAN, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1972						
11...	1045	5.0	220	8.00	24.0	14.5
AUG						
10...	1130	0.33	210	8.00	22.0	15.5
SEP						
11...	1040	0.66	--	--	19.0	12.0
NOV						
06...	1130	6.0	--	--	8.0	7.0
06...	1800	5.5	--	--	8.0	7.0
DEC						
04...	1345	22	--	7.00	9.0	8.0
JAN 1973						
02...	1520	3.7	--	--	0.0	3.5
FEB						
05...	1200	9.9	--	--	3.5	6.0
MAR						
05...	1710	26	--	6.70	8.0	4.5
16...	1317	5.2	--	--	15.0	10.5
APR						
02...	1345	62	160	7.90	9.0	7.5
MAY						
01...	1110	5.0	220	7.30	20.5	11.5
JUN						
04...	1405	4.3	205	7.50	27.0	15.0
JUL						
02...	1330	0.92	220	8.20	28.0	16.0
24...	1006	0.24	--	--	25.0	22.0
AUG						
21...	1210	2.2	--	8.00	22.5	15.0
SEP						
17...	1140	0.39	--	--	16.0	14.0
OCT						
24...	--	1.5	230	6.20	10.0	7.0
NOV						
20...	1030	5.9	240	6.00	7.0	9.0
DEC						
19...	1535	2.4	260	6.50	-3.0	4.0
FEB 1974						
12...	1015	1.9	90	7.10	1.0	5.5
MAR						
12...	0930	16	235	7.30	5.0	6.0
APR						
08...	1330	12	225	7.60	7.0	6.5
29...	1435	2.2	170	8.00	27.0	16.0
JUN						
11...	1130	2.5	--	--	25.0	15.0
JUL						
09...	1050	1.1	230	7.80	26.5	17.0
31...	1052	0.70	260	8.00	22.0	--
SEP						
05...	1045	2.7	200	7.00	14.5	12.5
OCT						
08...	1455	0.28	250	7.70	9.0	--
NOV						
08...	1050	1.1	200	8.00	5.0	6.0
DEC						
05...	1515	4.4	200	7.60	-3.0	1.0
JAN 1975						
06...	1241	9.8	180	8.00	-2.0	1.0
FEB						
03...	1520	19	165	7.00	-1.0	3.5
MAR						
05...	1340	4.0	200	8.00	3.0	1.0
14...	1200	26	120	7.60	-1.0	2.0
24...	1550	114	130	7.60	16.0	9.0

# MONONGAHELA RIVER BASIN

03063600 HORSECAMP RUN AT HARMAN, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
APR 1975							
01...	1105	16	160	7.30	9.5	5.0	--
MAY							
01...	1607	28	150	7.60	18.0	12.5	--
JUN							
04...	1010	6.7	--	8.00	15.0	13.5	8.9
JUL							
10...	1110	1.6	260	8.00	22.5	16.0	--
AUG							
06...	1115	2.5	220	8.00	18.0	17.0	--
SEP							
05...	1155	2.7	220	8.00	20.5	15.5	--
24...	1350	47	175	8.00	24.0	14.5	--

# MONONGAHELA RIVER BASIN

03065000 DRY FORK AT HENDRICKS, WV

LOCATION.--Lat 39°04'20", long 79°37'20", Tucker County, Hydrologic Unit 05020004, on right bank at Hendricks, 0.4 mi upstream from confluence with Blackwater River.

DRAINAGE AREA.--345 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1940 to current year. Published as "Dry Fork River", 1949-52.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					APR 1948				
05...	1655	146	28.0	23.0	15...	1200	4350	12.0	9.0
AUG					MAY				
03...	0840	192	22.0	23.0	13...	1405	548	20.0	16.5
SEP					JUN				
19...	1820	1460	19.5	14.0	18...	0840	966	16.5	15.5
NOV					JUL				
29...	1000	1290	1.0	3.0	01...	1135	199	20.5	21.5
DEC					AUG				
19...	1520	312	-2.0	0.0	16...	1515	161	27.0	23.5
JAN 1946					SEP				
21...	1710	314	0.5	0.5	01...	1340	234	21.5	21.0
FEB					OCT				
26...	1545	599	9.5	4.0	14...	1435	506	10.5	10.0
MAY					NOV				
23...	1445	667	17.5	25.5	16...	1115	318	10.5	4.5
JUN					DEC				
25...	1025	436	31.0	19.0	13...	1445	608	16.0	6.5
JUL					JAN 1949				
01...	1100	657	25.0	19.0	17...	1230	740	10.5	5.5
10...	1315	830	26.0	21.0	FEB				
25...	1500	85	30.0	24.5	15...	1045	3260	17.0	8.0
AUG					MAR				
01...	1130	284	25.5	22.0	22...	1420	1740	13.5	6.5
27...	1035	24	15.0	16.0	APR				
SEP					21...	1315	668	14.5	9.0
24...	1515	16	18.0	20.0	MAY				
OCT					25...	1030	1910	11.5	13.5
15...	1115	37	11.0	9.5	JUN				
NOV					14...	0930	113	26.0	21.0
21...	1115	89	16.5	4.0	SEP				
DEC					20...	1000	177	16.5	17.0
07...	1430	68	15.0	4.0	NOV				
JAN 1947					15...	1600	454	8.5	7.0
28...	1140	1020	6.0	4.0	DEC				
FEB					23...	0800	1330	3.0	--
20...	1615	184	--	0.0	JAN 1950				
MAR					23...	1410	650	11.5	5.5
19...	1435	646	4.5	1.0	MAR				
APR					20...	1025	779	7.0	3.5
20...	0800	421	11.0	12.5	MAY				
MAY					05...	1215	1320	29.0	16.5
16...	0945	958	18.0	13.5	JUL				
JUN					20...	1050	396	25.5	19.5
24...	1400	103	25.0	21.0	SEP				
JUL					27...	1125	392	20.0	11.0
11...	1515	332	26.0	20.5	JAN 1951				
AUG					05...	1040	2810	7.5	3.0
28...	1430	605	24.0	22.0	MAY				
OCT					15...	1055	771	19.5	14.5
29...	1200	146	14.5	13.5	JUL				
NOV					25...	1425	285	26.5	21.5
20...	1330	309	14.5	4.5	OCT				
DEC					18...	1350	15	28.0	22.0
17...	1500	395	0.5	2.0	NOV				
JAN 1948					29...	1520	522	13.0	3.5
20...	1515	213	7.0	0.0	MAR 1952				
FEB					07...	1255	619	4.0	1.5
11...	1625	246	6.0	0.0	APR				
MAR					23...	1140	418	28.0	8.5
23...	1250	1170	19.5	13.0					

MONONGAHELA RIVER BASIN  
03065000 DRY FORK AT HENDRICKS, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1952					JUN 1959				
05...	1230	162	26.5	20.0	04...	1510	1030	20.0	16.0
JUL					25...	1350	70	25.0	24.0
10...	1130	292	29.5	24.5	AUG				
AUG					12...	1525	60	25.5	25.0
20...	1120	45	28.5	23.5	SEP				
SEP					21...	1320	16	20.5	16.5
23...	1050	329	13.0	14.0	OCT				
NOV					20...	1315	61	18.0	11.0
07...	1350	19	0.0	4.0	NOV				
JAN 1953					23...	1340	216	9.5	3.5
14...	1135	899	0.5	2.5	OCT 1960				
FEB					03...	1100	99	21.0	16.5
02...	1535	867	14.5	2.5	NOV				
MAR					04...	1230	470	11.0	4.5
10...	1400	759	9.0	2.5	DEC				
MAY					15...	1145	210	1.5	1.0
12...	1530	687	28.0	17.5	APR 1961				
JUN					17...	1200	3320	8.5	9.0
16...	1315	84	25.5	21.5	JUN				
JUL					07...	1145	693	25.0	20.0
27...	1445	36	31.5	25.5	SEP				
AUG					05...	1240	71	32.5	28.0
25...	1505	26	29.0	26.0	OCT				
SEP					12...	1145	58	21.0	13.0
17...	1520	16	24.0	22.0	MAR 1962				
OCT					05...	0940	782	2.5	1.0
12...	1250	7.9	19.0	13.5	APR				
NOV					11...	1100	1430	--	8.0
23...	1315	120	6.5	8.5	MAY				
JAN 1954					23...	1120	177	--	20.0
27...	1505	1370	7.5	8.5	JUL				
MAR					11...	1100	88	--	20.0
29...	1530	709	16.5	10.5	AUG				
MAY					15...	1310	116	--	21.0
27...	1020	419	21.0	16.0	SEP				
NOV					20...	1305	16	--	17.5
10...	1100	479	8.5	--	NOV				
FEB 1955					06...	1120	359	4.5	4.5
18...	1145	1060	1.0	1.0	DEC				
APR					11...	1100	200	10.0	1.0
05...	1340	322	24.5	10.0	MAY 1963				
OCT					10...	1205	290	29.5	19.5
31...	1415	62	8.5	8.5	OCT				
JUN 1956					14...	1500	28	21.0	15.5
13...	1505	202	24.5	24.5	NOV				
OCT					19...	1340	223	12.5	9.0
25...	1220	325	23.5	12.5	APR 1964				
NOV					29...	1230	1530	13.5	13.5
20...	1350	161	13.0	5.0	JUN				
JAN 1957					09...	1235	159	--	20.0
28...	1205	803	2.5	1.0	SEP				
APR					14...	1120	49	15.0	14.5
01...	1115	769	10.0	5.5	OCT				
MAY					19...	1430	315	5.5	10.5
16...	1225	327	18.5	13.5	NOV				
AUG					13...	1245	80	17.5	10.5
05...	1120	80	24.0	23.5	DEC				
NOV					03...	1630	522	6.0	3.0
06...	1220	221	9.0	3.0	JAN 1965				
JAN 1958					19...	1400	368	-6.0	0.0
09...	1225	284	-6.5	0.0	MAR				
MAR					01...	1015	1090	0.5	0.0
24...	1200	518	3.0	0.5	APR				
MAY					07...	1400	1280	19.5	10.0
14...	1200	692	20.0	--	MAY				
OCT					24...	1230	144	20.5	16.0
13...	1200	35	21.0	4.5					

MONONGAHELA RIVER BASIN

03065000 DRY FORK AT HENDRICKS, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
AUG 1965						
11...	1250	45	--	--	24.0	23.0
SEP						
20...	1245	159	--	--	29.0	24.0
OCT						
27...	1515	169	--	--	13.5	9.5
DEC						
07...	1315	101	--	--	1.0	2.5
MAR 1966						
04...	1100	2210	--	--	13.0	4.0
APR						
21...	1345	905	--	--	20.5	11.5
MAY						
31...	1100	123	--	--	--	15.5
AUG						
10...	1030	143	--	--	--	19.5
JUN 1967						
26...	1300	121	--	--	--	20.5
AUG						
07...	1330	121	--	--	--	23.0
SEP						
05...	1410	124	--	--	--	19.5
OCT						
17...	1245	111	--	--	--	14.5
JAN 1968						
18...	1400	237	--	--	2.5	1.0
APR						
10...	1435	671	--	--	--	10.0
JUN						
26...	1115	127	--	--	--	21.5
SEP						
09...	1445	26	--	--	21.0	23.5
OCT						
24...	1325	99	--	--	--	11.0
DEC						
06...	1215	560	--	--	0.0	1.5
JAN 1969						
15...	1145	208	--	--	1.0	0.0
FEB						
18...	1315	304	--	--	1.5	1.0
MAR						
28...	1425	1240	--	--	5.5	3.5
MAY						
07...	0920	269	--	--	18.5	14.0
JUN						
18...	0950	208	--	--	16.5	14.5
JUL						
30...	1015	122	--	--	21.0	20.0
SEP						
12...	1130	216	--	--	18.0	15.0
OCT						
24...	1530	155	--	--	14.5	8.0
DEC						
05...	1130	194	--	--	-3.0	-1.0
MAR 1970						
03...	1130	1940	--	--	8.0	2.0
APR						
10...	1120	1740	--	--	13.0	7.5
MAY						
19...	1130	237	59	7.00	15.5	14.5
JUL						
13...	1415	364	--	--	25.0	21.0
OCT						
09...	0945	60	--	--	24.0	19.5

## MONONGAHELA RIVER BASIN

03065000 DRY FORK AT HENDRICKS, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
NOV 1970						
25...	1330	299	--	--	-9.5	0.5
JAN 1971						
07...	1530	1570	--	--	2.0	0.0
FEB						
19...	1645	1390	--	--	14.0	3.0
MAR						
30...	1415	1720	--	--	1.0	1.0
MAY						
12...	1615	876	--	--	19.5	12.5
JUN						
24...	1500	109	--	--	26.0	23.0
AUG						
02...	1300	445	--	--	19.0	21.0
SEP						
15...	1740	2820	--	--	20.0	16.0
OCT						
28...	1400	612	--	--	28.0	14.0
JAN 1972						
13...	1530	1300	60	7.70	15.5	5.5
FEB						
15...	1300	330	75	7.30	5.0	1.0
MAR						
21...	1100	909	65	6.70	16.0	6.0
MAY						
04...	1000	4940	55	7.20	13.0	11.0
31...	1200	450	53	7.20	--	16.0
JUN						
27...	1500	1350	--	--	23.0	14.0
SEP						
06...	1100	143	76	7.50	22.0	15.5
OCT						
11...	1045	646	57	7.50	18.0	8.0
NOV						
09...	1530	4420	55	7.10	12.0	7.0
DEC						
06...	1200	1780	--	--	11.0	8.0
JAN 1973						
03...	1400	380	--	--	3.0	2.0
FEB						
06...	1400	993	--	--	3.0	4.0
MAR						
06...	1230	2340	--	--	23.0	6.0
APR						
03...	1300	2840	70	7.00	6.0	7.0
MAY						
08...	1315	605	70	7.20	16.0	13.0
JUN						
12...	1500	207	75	7.90	25.0	21.5
JUL						
10...	0945	54	75	7.60	22.0	22.0
AUG						
15...	1045	1470	60	6.80	20.0	18.0
SEP						
11...	1410	47	90	7.50	25.0	20.5
OCT						
03...	1025	1470	--	6.90	17.0	14.0
31...	1440	3620	80	6.20	12.0	9.0
DEC						
04...	1045	675	70	7.20	9.0	5.5
JAN 1974						
03...	1120	1470	--	6.80	6.0	4.0
30...	1245	539	60	7.40	6.0	6.5
FEB						
28...	1210	696	85	7.30	3.5	5.0



# MONONGAHELA RIVER BASIN

03065000 DRY FORK AT HENDRICKS, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAR 1974						
27...	0945	606	75	7.00	3.5	5.5
APR						
23...	1000	492	55	6.90	9.5	11.5
JUN						
18...	1100	526	--	7.10	10.0	11.0
JUL						
17...	1220	99	--	--	24.0	20.0
AUG						
15...	1035	81	--	--	26.0	20.0
SEP						
11...	1300	372	--	5.00	25.0	18.0
OCT						
09...	1115	52	130	7.00	24.0	10.0
NOV						
04...	1610	121	75	7.90	15.0	14.5
DEC						
11...	1215	1100	--	--	11.0	1.5
JAN 1975						
15...	1040	491	--	6.00	1.0	0.0
FEB						
13...	1310	2460	115	7.60	-2.0	1.5
MAR						
12...	1210	888	200	7.90	8.5	3.5
APR						
14...	1715	441	60	7.00	11.0	7.0
MAY						
13...	0940	975	--	6.70	13.0	12.5
JUL						
15...	1640	301	61	7.00	25.0	19.5
AUG						
18...	1700	967	67	7.00	21.0	19.5
SEP						
17...	1625	141	80	8.00	18.0	17.5

MONONGAHELA RIVER BASIN

03066000 BLACKWATER RIVER AT DAVIS, WV

LOCATION.--Lat 39°07'35", long 79°28'10", Tucker County, Hydrologic Unit  
05020004, on right bank 0.4 mi southwest of Davis, 0.5 mi downstream from  
Beaver Creek, and at mile 10.6.

DRAINAGE AREA.--86.2 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--April 1921 to current year.

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					APR 1948				
05...	1550	50	24.5	22.5	09...	1100	228	0.0	8.0
AUG					MAY				
02...	1650	84	29.0	24.5	14...	1020	138	15.0	15.0
SEP					JUN				
20...	1410	301	21.5	15.0	17...	1650	240	24.0	17.0
OCT					JUL				
17...	1155	40	16.0	9.5	28...	2045	124	21.0	20.0
NOV					SEP				
09...	1445	52	18.5	10.5	01...	1040	42	17.5	19.0
DEC					OCT				
20...	1610	67	13.0	0.0	14...	0930	142	5.0	8.0
JAN 1946					NOV				
22...	1040	62	0.0	0.0	05...	1325	72	20.5	10.5
FEB					DEC				
19...	1125	167	0.0	0.0	10...	1040	137	--	0.0
MAR					JAN 1949				
28...	0720	1920	3.5	9.5	07...	1530	439	5.0	1.5
APR					26...	1520	1220	10.5	--
05...	1410	81	4.5	6.5	FEB				
MAY					11...	1435	217	--	0.5
23...	1055	149	22.0	15.5	MAR				
JUN					21...	1155	167	10.5	2.0
25...	1050	157	22.0	18.5	APR				
JUL					21...	1025	124	12.0	7.0
10...	1545	259	23.0	21.0	MAY				
AUG					06...	1215	51	26.0	20.0
02...	0940	32	20.0	19.0	JUN				
27...	1455	11	21.0	19.5	23...	1110	115	24.5	20.0
OCT					JUL				
17...	1145	9.6	15.5	13.5	18...	1220	207	21.0	20.5
NOV					SEP				
19...	1525	31	12.0	5.0	09...	1216	23	12.5	16.5
DEC					OCT				
09...	1110	20	5.5	1.5	10...	1155	13	22.0	18.0
JAN 1947					NOV				
16...	1130	362	--	6.5	12...	1045	64	26.5	9.0
FEB					DEC				
20...	1205	58	0.0	0.0	15...	0940	254	--	0.0
MAR					JAN 1950				
19...	1110	231	3.0	0.0	14...	1555	428	9.0	6.0
APR					MAR				
19...	1455	92	23.5	13.5	10...	1610	296	1.0	0.5
JUN					13...	1335	1960	2.5	--
12...	1050	122	26.0	22.0	APR				
JUL					10...	0930	135	12.0	5.0
10...	1515	187	24.0	21.0	MAY				
AUG					08...	1110	124	24.5	12.0
08...	1015	19	23.0	21.5	JUN				
SEP					09...	0920	97	18.5	20.0
22...	1740	23	9.0	15.5	JUL				
OCT					18...	1615	127	21.0	21.0
10...	1325	6.7	7.0	6.0	AUG				
NOV					08...	1310	27	25.0	21.5
20...	1045	65	8.0	3.0	SEP				
DEC					14...	1805	520	15.0	16.5
17...	1145	109	0.0	0.0	OCT				
FEB 1948					12...	1540	314	10.0	10.5
25...	1100	273	8.0	4.5	NOV				
MAR					10...	1400	120	--	6.5
22...	1700	172	15.0	15.5					

MONONGAHELA RIVER BASIN  
03066000 BLACKWATER RIVER AT DAVIS, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1951					APR 1956				
11...	1430	149	0.0	0.5	23...	1145	170	0.5	--
MAY					JUN				
10...	1420	115	12.0	15.5	04...	1030	702	7.0	--
JUN					JUL				
25...	1025	89	21.5	17.0	13...	1145	935	18.0	18.0
AUG					SEP				
09...	1300	15	28.0	25.5	13...	1135	36	20.5	18.0
SEP					OCT				
13...	1305	7.9	30.0	23.5	08...	1200	214	11.5	11.0
28...	1045	6.5	12.0	15.5	NOV				
OCT					09...	1210	82	--	5.0
26...	0915	8.6	13.0	8.5	DEC				
NOV					12...	1550	402	11.0	6.5
30...	1130	213	3.5	0.0	FEB 1957				
JAN 1952					06...	1120	383	4.5	1.5
09...	1120	269	4.5	1.5	MAR				
FEB					06...	1040	182	7.0	2.0
13...	1525	136	10.0	4.5	APR				
APR					17...	1315	115	10.5	8.0
03...	1500	245	11.0	3.5	JUL				
AUG					17...	1445	22	30.0	24.0
07...	1135	857	31.0	26.5	AUG				
SEP					26...	1300	5.6	18.0	17.0
09...	1500	3.8	29.0	23.5	NOV				
OCT					16...	1015	74	1.0	2.5
30...	1450	5.9	6.5	4.0	DEC				
DEC					05...	1505	86	1.0	0.5
18...	1520	109	3.5	0.0	JAN 1958				
JAN 1953					07...	1620	93	20.0	0.0
15...	1425	260	11.0	3.5	FEB				
MAR					27...	1420	169	3.0	1.0
11...	1125	187	5.5	1.5	MAR				
MAY					24...	0930	107	1.0	0.0
12...	1120	152	23.5	17.0	APR				
JUN					22...	1130	326	21.0	1.5
08...	0955	82	25.0	15.5	MAY				
JUL					20...	1525	80	21.0	31.0
24...	1600	17	24.0	24.5	JUL				
AUG					15...	1500	48	26.5	3.5
25...	1150	8.2	21.5	24.0	AUG				
SEP					28...	1555	48	21.0	4.5
17...	1145	6.6	18.0	18.5	SEP				
OCT					19...	1040	51	18.0	5.0
12...	1050	3.2	19.0	14.0	OCT				
DEC					07...	1400	18	23.5	4.5
19...	1325	4.6	16.5	4.0	APR 1959				
FEB 1954					24...	1145	129	11.0	9.0
01...	1310	140	2.5	0.5	JUN				
MAR					08...	1530	45	22.5	23.0
29...	1305	163	16.5	10.5	JUL				
MAY					14...	1430	12	25.0	22.0
26...	1405	88	17.0	15.5	AUG				
JUL					18...	1610	54	24.0	23.0
20...	1055	35	25.0	23.5	SEP				
SEP					29...	1125	2.5	24.5	18.0
21...	1035	62	20.5	18.0	APR 1960				
NOV					26...	1105	57	23.5	16.5
12...	1100	107	5.5	8.5	JUN				
DEC					08...	1140	62	15.5	18.0
22...	1515	165	--	0.0	JUL				
FEB 1955					27...	0955	46	18.5	18.5
25...	1420	427	9.5	1.0	OCT				
MAY					19...	1410	16	18.5	13.5
04...	1525	84	28.0	15.5	MAR 1961				
OCT					27...	1055	349	10.0	4.5
13...	1330	11	10.0	10.0					
NOV									
08...	1125	18	0.5	1.0					

MONONGAHELA RIVER BASIN

03066000 BLACKWATER RIVER AT DAVIS, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1961					DEC 1965				
21...	1225	108	20.0	18.0	06...	1135	28	--	0.0
SEP					MAR 1966				
15...	1230	63	10.0	16.5	04...	1520	561	16.5	5.5
NOV					APR				
01...	1335	42	11.5	10.0	19...	1610	363	17.0	6.5
DEC					JUL				
16...	1050	75	1.0	0.5	06...	1155	46	--	22.0
JAN 1962					AUG				
16...	1500	350	1.0	0.0	09...	1030	7.2	--	24.0
MAR					OCT				
01...	1130	922	30.0	1.0	25...	1015	72	--	9.5
APR					APR 1967				
10...	1545	314	--	9.0	11...	1515	163	--	12.5
MAY					JUN				
21...	1555	62	--	22.0	27...	1435	34	--	23.5
JUL					AUG				
03...	1605	51	--	19.0	02...	1150	79	--	20.5
AUG					SEP				
14...	1630	44	--	20.0	05...	1210	32	--	18.0
SEP					OCT				
24...	1515	8.3	--	15.0	17...	1025	17	--	13.0
OCT					NOV				
29...	1530	231	--	8.5	21...	1155	98	--	1.5
DEC					JAN 1968				
14...	1425	41	--	1.0	29...	1230	199	4.5	0.0
JAN 1963					APR				
25...	1340	145	-11.0	1.5	09...	1130	171	--	10.0
MAY					JUN				
10...	1005	61	29.5	20.0	04...	1415	301	--	14.5
JUN					26...	1320	59	--	21.0
19...	1315	74	25.5	19.5	JUL				
SEP					24...	1530	11	--	25.5
18...	1240	30	25.0	19.0	SEP				
OCT					18...	1150	13	--	16.5
30...	1440	13	6.0	9.0	OCT				
FEB 1964					24...	1055	30	--	10.0
05...	1325	123	4.5	1.0	DEC				
MAR					05...	1330	173	--	0.0
23...	1350	191	11.0	4.5	JAN 1969				
APR					14...	1445	80	--	0.0
29...	1225	717	10.5	9.5	FEB				
JUN					18...	1130	84	0.5	0.0
09...	1020	32	--	20.0	MAR				
OCT					27...	1215	424	--	0.0
19...	1115	146	4.5	11.5	MAY				
DEC					05...	1530	80	24.5	16.0
02...	1300	169	3.5	1.0	JUN				
FEB 1965					16...	1630	145	15.5	18.5
03...	1400	176	--	0.0	JUL				
23...	1015	149	--	0.0	28...	1545	55	24.0	24.0
APR					SEP				
07...	1020	285	19.0	9.0	11...	1645	52	19.5	16.5
MAY					OCT				
24...	0925	36	19.5	15.0	24...	1310	35	5.5	6.0
JUL					DEC				
01...	1010	14	--	20.0	04...	1615	63	-6.0	-0.5
AUG					JAN 1970				
11...	1045	20	18.0	18.0	14...	1200	93	-10.0	0.0
SEP					FEB				
20...	1030	12	25.0	23.0	26...	1345	193	-7.0	0.0
OCT					APR				
27...	1055	47	7.0	7.0	08...	1800	412	10.0	6.0

## MONONGAHELA RIVER BASIN

03066000 BLACKWATER RIVER AT DAVIS, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAY 1970						
19...	1410	68	--	6.00	28.0	17.5
JUL						
08...	1350	12	--	--	23.0	23.0
AUG						
18...	1035	66	--	--	24.5	19.5
OCT						
09...	1015	21	--	--	19.0	14.0
NOV						
23...	1230	96	--	--	-9.0	0.5
JAN 1971						
06...	0950	1050	--	--	2.0	0.0
FEB						
18...	1410	287	--	--	7.5	1.0
MAR						
30...	1145	385	--	--	-4.0	0.5
MAY						
10...	1510	339	--	--	17.5	12.0
JUN						
22...	1545	56	--	--	24.0	21.0
AUG						
03...	0930	184	--	--	19.0	18.5
SEP						
14...	1415	1300	--	--	27.0	17.0
OCT						
27...	1800	236	--	--	26.0	14.0
JAN 1972						
13...	1200	387	90	5.50	15.0	5.0
FEB						
15...	1715	88	--	--	4.0	--
MAR						
20...	1700	264	100	5.50	7.0	6.0
MAY						
02...	1330	142	95	5.80	17.5	15.0
30...	1700	69	--	--	27.0	19.5
JUN						
27...	1030	286	--	--	21.0	12.0
AUG						
01...	1000	160	--	5.90	24.0	19.0
SEP						
05...	1730	29	--	--	22.0	17.0
OCT						
10...	1345	176	--	--	20.0	11.0
NOV						
09...	1145	1180	--	--	2.0	7.0
DEC						
05...	1640	413	--	--	12.0	6.0
JAN 1973						
03...	1015	95	--	--	1.0	0.0
FEB						
06...	1000	228	--	--	0.0	--
MAR						
06...	1000	519	--	--	15.0	3.0
APR						
03...	0915	517	55	6.20	3.0	5.0
MAY						
08...	0910	142	80	6.50	13.0	14.0
JUN						
12...	1005	69	93	5.60	23.0	21.5
JUL						
09...	1800	18	120	6.10	24.0	26.0
AUG						
14...	1710	404	270	5.80	23.0	20.0
SEP						
11...	1005	26	180	5.30	22.0	17.0

# MONONGAHELA RIVER BASIN

03066000 BLACKWATER RIVER AT DAVIS, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
OCT 1973							
02...	1510	308	90	4.80	19.0	16.0	--
31...	1015	608	140	7.50	7.0	6.0	--
DEC							
03...	1520	155	80	6.10	7.0	5.0	--
JAN 1974							
02...	1520	320	--	--	--	2.0	--
FEB							
28...	0920	151	95	5.80	3.0	4.0	--
MAR							
28...	1505	129	75	6.00	8.0	6.0	--
APR							
22...	1525	83	110	6.10	15.0	13.0	--
MAY							
14...	1430	166	75	6.10	--	15.5	--
JUN							
17...	1505	158	--	--	12.0	11.0	--
JUL							
17...	1010	35	--	--	21.0	19.0	--
AUG							
15...	0950	22	120	6.10	22.0	19.0	--
SEP							
09...	1430	155	--	5.00	23.5	16.0	--
OCT							
09...	0945	22	--	--	18.0	7.0	--
NOV							
05...	1550	46	160	6.00	12.0	13.0	--
FEB 1975							
12...	0935	361	120	6.20	3.5	1.0	--
MAR							
11...	1540	221	190	5.90	7.0	2.0	--
APR							
14...	1507	115	85	6.10	11.0	--	--
MAY							
12...	1620	212	--	5.70	18.0	16.0	5.8
JUL							
15...	1435	57	95	5.50	22.0	--	--
AUG							
18...	1440	401	--	--	20.0	19.0	--
SEP							
17...	1430	45	92	7.00	18.0	17.0	--

# MONONGAHELA RIVER BASIN

03068000 SHAVERS FORK AT BEMIS, WV

LOCATION.--Lat 38°48'27", long 79°44'16", Randolph County, Hydrologic Unit 05020004, on right bank at downstream side of bridge on State Secondary Route 22, at Bemis, 0.6 mi upstream from Fishing Hawk Creek, and at mile 39.9.

DRAINAGE AREA.--115 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--February 1922 to December 1925, October 1973 to September 1979.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1973						
18...	1645	53	<50	7.90	--	--
OCT						
27...	1500	61	<50	7.70	11.5	10.0
NOV						
26...	1035	583	60	7.50	1.5	6.0
DEC						
28...	1230	1180	--	--	9.0	5.0
JAN 1974						
10...	1930	6060	90	8.00	7.0	10.0
10...	2030	4940	90	8.00	7.0	10.0
11...	0915	3680	80	8.00	5.5	9.0
FEB						
12...	1435	133	<50	7.80	4.0	6.5
MAR						
14...	1015	413	35	7.30	1.0	5.5
APR						
11...	1610	370	55	8.00	6.5	5.0
MAY						
06...	1705	254	30	6.50	10.0	9.0
JUN						
11...	1310	300	26	6.00	20.0	18.0
JUL						
10...	1515	135	30	6.80	26.0	24.0
17...	1110	69	29	6.30	25.5	18.0
AUG						
13...	1120	56	33	6.60	26.0	19.5
SEP						
05...	1620	416	29	6.00	19.0	15.0
10...	1500	266	29	6.00	26.0	18.0
OCT						
09...	1102	42	34	6.60	7.5	11.0
NOV						
08...	1250	93	36	6.70	10.0	6.0
DEC						
11...	1520	314	33	6.20	1.5	1.0
JAN 1975						
07...	1220	328	32	6.00	2.0	0.0
FEB						
04...	1040	511	30	5.80	-1.0	1.0
APR						
08...	1620	241	34	6.20	8.0	7.0
MAY						
05...	1035	1100	29	5.00	9.0	9.0
JUN						
04...	1220	281	--	7.50	17.5	15.5
AUG						
08...	1250	96	33	6.00	24.0	19.0
SEP						
05...	1410	87	34	7.00	23.5	22.0
24...	1615	1510	32	6.20	22.5	16.0

MONONGAHELA RIVER BASIN

03068610 TAYLOR RUN AT BOWDEN, WV

LOCATION.--Lat 38°54'27", long 79°41'49", Randolph County, Hydrologic Unit 05020004, on upstream side of left abutment of bridge on U.S. Highway 33, 450 ft upstream from mouth, and 0.7 mi east of Bowden.

DRAINAGE AREA.--5.06 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--June 1973 to September 1982.

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1973						
02...	1540	5.2	90	7.20	29.0	16.0
12...	1730	2.0	120	6.80	25.5	19.5
24...	1055	1.2	--	--	18.0	16.0
AUG						
21...	1300	25	110	7.70	22.5	16.0
SEP						
18...	1345	4.1	--	--	14.0	11.5
OCT						
25...	1500	3.2	86	7.30	--	12.0
NOV						
28...	1545	43	58	6.70	15.0	10.0
29...	1205	28	65	6.60	5.0	3.0
DEC						
28...	1350	46	96	6.50	5.0	5.0
JAN 1974						
11...	1425	150	160	7.50	7.0	7.0
17...	1535	34	160	7.60	6.0	7.5
FEB						
13...	1110	2.8	85	7.20	2.5	4.5
MAR						
12...	1315	28	70	5.60	3.5	5.0
APR						
11...	1315	9.7	65	7.80	5.0	4.5
MAY						
07...	1150	16	49	6.50	7.0	7.0
13...	1445	25	48	6.70	16.5	10.5
JUN						
12...	1435	12	50	6.80	21.0	18.0
24...	1045	66	39	6.60	19.5	17.0
JUL						
08...	1540	2.4	80	7.00	25.5	17.5
16...	1034	1.1	100	7.00	27.0	15.0
AUG						
13...	1455	1.4	100	7.00	23.0	17.0
SEP						
09...	1156	12	55	6.80	20.0	15.5
NOV						
07...	1455	4.1	67	6.70	9.5	8.0
DEC						
09...	1527	28	70	6.50	-6.0	1.0
JAN 1975						
06...	1425	19	--	--	-1.0	2.0
10...	1410	17	58	6.60	12.0	6.0
29...	1435	65	67	6.80	17.5	8.0
MAR						
05...	1510	8.4	82	6.80	3.5	1.5
APR						
01...	1640	18	59	6.80	10.0	8.5
MAY						
05...	1520	32	48	6.80	17.0	11.0
JUN						
04...	1420	18	--	7.00	18.5	14.0
JUL						
10...	1445	18	54	7.00	20.5	15.5
AUG						
07...	1425	3.2	100	7.00	21.0	19.5
SEP						
04...	1540	1.3	100	7.00	21.5	18.5



## MONONGAHELA RIVER BASIN

03068800 SHAVERS FORK BELOW BOWDEN, WV

LOCATION.--Lat 38°54'47", long 79°46'14", Randolph County, Hydrologic Unit  
05020004, on upstream side of right pier, on U.S. Highway 33 bridge, 3.0 mi  
west of Bowden, and at mile 26.4.

DRAINAGE AREA.--151 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--August 1973 to September 1981. Once daily wire-  
weight gage readings at same site November 1971 to August 1973 are contained  
in files of Bowden National Fish Hatchery.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1971						
15...	1245	203	<50	6.60	25.0	24.0
29...	1200	64	<50	7.00	24.0	21.0
AUG						
25...	1425	144	55	7.00	24.5	18.5
26...	1440	102	55	7.20	22.0	20.0
SEP						
10...	1415	126	--	--	25.5	21.5
OCT						
21...	1110	68	--	--	23.0	15.0
NOV						
19...	1250	99	--	--	10.5	9.5
DEC						
03...	1000	284	--	--	-3.0	0.0
15...	1200	345	<50	6.80	18.0	8.0
JAN 1972						
26...	1300	656	<50	6.50	2.0	1.5
APR						
24...	1550	2190	<50	6.70	14.0	9.0
MAY 1973						
11...	1145	227	<50	6.70	12.0	9.0
SEP						
18...	1200	87	60	7.80	14.0	15.0
OCT						
25...	1415	61	80	8.20	11.0	11.5
JAN 1974						
16...	1010	408	<50	7.80	7.5	8.0
FEB						
13...	1400	216	55	7.20	2.5	6.5
MAR						
15...	1215	401	60	6.90	5.0	6.0
APR						
04...	1740	4080	--	--	8.0	5.0
MAY						
07...	1530	320	41	7.00	17.0	10.5
JUL						
08...	1130	276	32	6.50	24.0	19.5
16...	1435	97	41	7.00	28.0	24.0
AUG						
14...	1115	59	62	7.00	25.0	21.5
SEP						
09...	1500	392	39	6.70	26.0	17.0
OCT						
07...	1545	44	59	8.00	8.0	10.5
NOV						
07...	1615	132	47	6.70	9.0	7.5
DEC						
10...	1525	449	44	6.40	0.0	0.0
JAN 1975						
07...	1640	421	42	6.40	3.0	2.5
29...	1710	1650	40	6.40	15.0	6.0
MAR						
18...	1430	493	46	6.50	10.5	5.0
APR						
04...	1520	468	50	6.70	0.0	3.0
JUN						
04...	1620	377	--	8.00	20.0	17.5
JUL						
11...	1540	110	65	7.50	25.0	21.5
AUG						
07...	0950	317	41	6.80	--	18.0
SEP						
04...	1427	135	52	7.00	25.5	21.0
23...	2115	2950	36	6.50	--	13.5
30...	1550	192	43	7.00	18.0	--

MONONGAHELA RIVER BASIN

03069000 SHAVERS FORK AT PARSONS, WV

LOCATION.--Lat 39°05'45", long 79°40'40", Tucker County, Hydrologic Unit 05020004, on right bank at Parsons, 0.7 mi upstream from confluence with Black Fork.

DRAINAGE AREA.--214 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1910 to September 1926, October 1940 to current year. Monthly discharge only for some periods, published in WSP 1305.

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					MAR 1948				
06...	1430	426	25.5	22.0	23...	1620	821	19.5	14.0
AUG					APR				
04...	0755	289	15.5	19.5	09...	1420	707	8.5	10.5
SEP					MAY				
20...	0925	999	15.0	14.0	14...	1255	409	13.0	15.5
NOV					JUN				
29...	1110	798	2.5	3.0	18...	1040	517	21.5	16.0
DEC					JUL				
19...	1410	181	0.0	0.0	28...	1105	351	26.0	21.0
JAN 1946					AUG				
21...	1530	257	1.0	1.0	17...	1450	290	26.0	21.5
MAR					SEP				
27...	1600	990	24.0	9.0	01...	1615	119	24.0	22.0
APR					OCT				
30...	1145	1010	20.0	11.0	14...	1355	310	10.0	10.0
JUN					NOV				
25...	1230	267	21.5	23.5	05...	1525	322	21.5	14.0
JUL					DEC				
01...	1350	222	22.0	23.5	10...	1345	520	-3.0	1.0
11...	1430	407	28.5	23.5	JAN 1949				
AUG					17...	1550	530	6.5	6.0
01...	1345	40	29.0	23.5	FEB				
02...	1130	76	23.5	21.0	15...	1300	2330	16.5	7.5
SEP					MAR				
24...	1335	12	18.5	21.0	21...	1525	548	13.5	8.0
OCT					APR				
15...	1340	75	22.0	13.0	21...	1515	500	18.0	8.5
NOV					MAY				
21...	1400	93	20.5	5.5	25...	1430	1570	13.0	15.5
DEC					JUN				
10...	1125	68	7.5	2.5	14...	1415	87	26.0	25.0
JAN 1947					15...	1010	66	25.5	23.5
28...	1645	786	13.5	4.5	16...	1100	54	23.5	23.5
FEB					20...	1205	174	23.5	25.0
12...	1315	145	6.5	0.0	AUG				
MAR					23...	1330	164	24.5	22.0
20...	1405	337	10.5	3.5	SEP				
APR					20...	1210	328	18.0	18.0
20...	1025	340	18.0	13.5	OCT				
MAY					18...	1405	143	23.5	16.5
16...	1350	515	21.5	15.5	NOV				
JUN					15...	1610	430	6.5	8.0
12...	1345	408	29.0	24.5	JAN 1950				
JUL					31...	1435	4500	6.0	8.0
11...	1640	396	25.5	--	APR				
AUG					07...	1330	617	5.0	6.0
08...	1345	157	29.5	26.5	JUN				
SEP					23...	1325	393	29.5	23.5
22...	1400	86	13.0	19.5	AUG				
OCT					08...	1620	138	29.5	26.5
28...	1000	34	19.0	18.0	APR 1951				
NOV					24...	1015	834	18.0	9.5
21...	1350	253	6.0	5.0	JUN				
DEC					26...	0940	213	23.0	20.0
18...	1055	290	1.0	0.0	SEP				
JAN 1948					20...	1500	37	25.5	21.5
09...	1550	540	5.0	4.5	OCT				
FEB					18...	1605	15	28.0	24.5
11...	1230	189	9.0	0.0					

MONONGAHELA RIVER BASIN  
03069000 SHAVERS FORK AT PARSONS, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
NOV 1951					JAN 1958				
28...	1500	612	13.0	5.5	09...	1255	168	-6.0	0.0
APR 1952					FEB				
23...	1405	333	23.5	9.0	12...	1500	387	-2.0	0.0
JUL					21...	1430	217	1.0	0.0
11...	1410	227	32.5	25.5	MAR				
AUG					24...	1250	373	3.5	0.5
14...	1425	127	31.5	28.0	JUN				
SEP					18...	0910	337	22.0	4.5
22...	1400	77	19.5	16.5	AUG				
DEC					26...	1220	514	21.0	4.0
03...	1615	49	1.0	1.0	OCT				
JAN 1953					13...	1320	38	22.0	5.0
14...	1230	651	6.0	2.5	DEC				
MAR					03...	1045	257	4.0	--
11...	1515	454	13.5	2.5	JAN 1959				
JUN					22...	1145	8660	0.5	1.0
16...	1525	88	26.5	22.0	JUN				
AUG					05...	1220	592	24.0	18.5
27...	1625	17	29.5	29.0	08...	1120	280	23.5	20.5
SEP					25...	1105	55	21.5	22.0
21...	1530	9.6	16.0	19.0	JUL				
OCT					14...	1125	30	22.0	24.0
12...	1505	3.4	20.0	14.0	SEP				
DEC					21...	1105	13	15.5	16.0
22...	1035	277	10.0	1.0	OCT				
APR 1954					20...	1535	90	15.5	12.0
27...	1025	257	16.5	15.0	JUN 1960				
JUN					06...	1300	236	29.5	22.0
23...	1015	293	25.5	23.0	OCT				
AUG					03...	1225	88	26.5	19.0
23...	1030	474	26.5	20.0	NOV				
NOV					02...	1345	20	14.0	9.0
10...	1505	306	14.0	6.5	DEC				
JAN 1955					07...	1430	162	8.5	4.5
19...	1630	202	-2.0	0.0	JAN 1961				
JUL					30...	1315	181	-6.0	1.0
29...	1115	49	30.5	28.0	APR				
SEP					17...	1400	2170	9.0	9.0
09...	1450	52	26.5	24.0	JUN				
OCT					06...	1355	793	28.0	19.0
31...	1150	73	6.0	--	SEP				
NOV					05...	1430	66	32.0	28.0
23...	1125	38	8.0	4.5	OCT				
JUN 1956					12...	1315	79	24.0	15.5
13...	1150	190	28.0	22.0	NOV				
AUG					29...	1450	418	1.0	2.5
23...	1125	404	15.0	18.0	JAN 1962				
OCT					22...	1200	314	6.5	0.5
25...	1415	389	24.5	14.0	MAR				
NOV					05...	1130	547	0.0	1.0
20...	1500	114	14.0	5.0	MAY				
JAN 1957					23...	1340	119	--	24.0
28...	1440	637	2.5	1.0	JUN				
APR					25...	1105	140	--	23.0
01...	1320	386	10.0	4.5	AUG				
MAY					15...	1050	190	--	20.5
16...	1410	313	18.5	13.5	SEP				
AUG					14...	1100	20	21.5	25.0
05...	1240	70	23.5	23.0	NOV				
SEP					06...	1210	304	6.5	4.5
24...	1015	32	17.5	18.5	DEC				
NOV					11...	1215	129	-11.0	1.0
06...	1345	199	15.5	3.0	MAY 1963				
08...	1130	200	15.0	3.0	24...	1210	302	20.0	15.5
DEC					SEP				
17...	1130	402	10.0	6.0	18...	1455	70	24.0	20.0

MONONGAHELA RIVER BASIN  
03069000 SHAVERS FORK AT PARSONS, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1963				
14...	1135	20	21.0	15.5
NOV				
19...	1455	171	14.0	10.0
DEC				
20...	1235	127	-11.0	0.5
MAR 1964				
24...	1635	436	13.5	8.0
JUN				
09...	1410	245	31.0	24.0
SEP				
01...	1250	84	--	22.0
OCT				
20...	1030	117	5.5	10.0
DEC				
07...	1045	680	-4.0	0.0
JAN 1965				
21...	1000	212	-8.0	0.0
FEB				
25...	1330	324	-4.0	1.0
APR				
13...	1000	1390	3.0	7.0
JUN				
28...	1300	44	31.0	26.5
AUG				
19...	1145	10	22.0	25.5
SEP				
21...	0915	170	19.5	20.0
OCT				
28...	1350	194	6.0	8.0
DEC				
07...	1530	115	-3.0	0.5
28...	1430	113	0.0	0.0
JAN 1966				
19...	1425	115	-11.0	0.0
MAR				
08...	1615	596	0.5	1.0
APR				
22...	1050	822	18.0	11.0
MAY				
01...	1020	3670	12.0	11.0
JUN				
07...	1315	206	--	21.0
JUL				
06...	1445	78	--	25.5
AUG				
10...	1315	89	--	28.5
OCT				
25...	1300	256	--	11.5
JUN 1967				
28...	0940	53	--	25.0
AUG				
03...	1010	154	--	21.5
SEP				
20...	0930	22	--	20.0
APR 1968				
10...	1420	524	14.5	11.0
JUN				
27...	1420	88	--	25.0
SEP				
18...	1355	36	--	20.0
OCT				
02...	1040	10	--	15.0
24...	1525	149	--	13.0
DEC				
06...	1005	537	-4.0	1.0

MONONGAHELA RIVER BASIN  
03069000 SHAVERS FORK AT PARSONS, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1969						
13...	1515	139	--	--	-4.0	0.0
FEB						
18...	1600	199	--	--	4.5	1.5
MAR						
27...	1410	1090	--	--	0.0	0.0
MAY						
07...	1410	210	--	--	29.0	19.5
JUN						
18...	1515	255	--	--	21.5	18.5
JUL						
29...	1545	186	--	--	21.0	21.0
SEP						
12...	0945	210	--	--	8.5	14.0
OCT						
22...	1815	222	--	--	8.0	10.0
DEC						
05...	1505	137	--	--	-1.0	-1.0
JAN 1970						
16...	1420	211	--	--	4.0	0.0
FEB						
26...	1610	353	--	--	1.0	2.0
APR						
09...	1420	1180	--	--	15.0	8.0
MAY						
19...	0900	341	40	6.60	12.5	13.0
JUL						
13...	1715	304	--	--	25.0	21.0
AUG						
19...	1235	92	--	--	27.0	25.5
OCT						
15...	0945	75	--	--	18.0	16.0
NDV						
25...	0950	230	--	--	-12.5	0.5
JAN 1971						
06...	1714	1460	--	--	6.0	2.0
FEB						
16...	1550	809	--	--	2.5	1.5
MAR						
26...	1240	408	--	--	0.0	1.0
MAY						
13...	1715	1020	--	--	10.5	12.0
JUN						
24...	1800	103	--	--	29.0	23.0
AUG						
03...	1645	377	--	--	24.0	22.0
SEP						
15...	1100	3790	--	--	17.0	27.0
OCT						
28...	1200	529	--	--	25.0	14.0
DEC						
01...	1120	987	--	--	2.5	4.0
JAN 1972						
14...	0930	763	30	6.40	-1.5	4.0
FEB						
15...	1045	241	--	--	0.5	1.5
MAR						
21...	1300	633	<50	6.50	17.0	7.0
MAY						
03...	1520	5390	<50	6.80	20.0	13.0
31...	1100	236	--	--	25.0	18.0
JUN						
27...	1730	975	--	--	26.0	16.0
AUG						
02...	1000	658	--	6.50	22.0	20.0
SEP						
06...	1600	182	--	--	26.0	17.0

MONONGAHELA RIVER BASIN  
03069000 SHAVERS FORK AT PARSONS, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
NOV 1972							
10...	1500	1540	--	--	11.0	9.0	--
DEC							
06...	1745	1710	--	--	4.0	6.0	--
JAN 1973							
04...	1035	549	--	--	7.0	4.0	--
FEB							
07...	1200	667	--	--	5.0	4.0	--
MAR							
07...	1250	1730	--	--	20.0	7.5	--
APR							
03...	1350	1700	50	7.00	14.0	8.0	--
MAY							
08...	1530	424	60	6.50	19.0	14.0	--
JUN							
13...	1430	596	70	6.50	22.0	20.0	--
JUL							
10...	1250	68	60	7.50	23.0	26.0	--
AUG							
15...	1330	893	50	6.80	19.5	19.0	--
SEP							
12...	0920	2400	60	6.90	16.0	17.5	--
OCT							
02...	1730	693	60	6.50	18.0	17.0	--
31...	1700	3100	170	7.60	--	--	--
DEC							
04...	1510	369	60	6.70	11.0	7.0	--
JAN 1974							
03...	1430	955	--	6.60	7.5	4.0	--
30...	1100	618	65	7.60	5.5	6.5	--
FEB							
28...	1435	399	50	6.00	5.0	5.5	--
MAR							
26...	1320	438	55	6.50	7.5	6.0	--
APR							
23...	1200	259	60	6.70	15.0	13.0	--
MAY							
15...	1140	620	--	--	21.0	16.0	--
JUN							
18...	1245	504	--	--	14.0	11.0	--
JUL							
17...	1545	84	--	--	24.0	19.0	--
AUG							
15...	1330	49	--	--	25.0	20.0	--
SEP							
11...	1030	330	--	6.40	22.5	19.5	--
OCT							
09...	1430	41	90	7.00	27.0	14.0	7.0
NOV							
06...	1050	142	60	7.20	7.5	10.5	--
DEC							
11...	1415	595	100	6.00	14.0	1.0	--
JAN 1975							
15...	1245	289	--	6.00	-0.5	0.0	9.0
FEB							
12...	1300	892	100	7.00	1.5	2.0	--
MAR							
12...	0940	464	220	7.00	4.0	3.0	--
APR							
15...	1320	295	46	6.10	5.0	5.5	--
MAY							
13...	1325	556	--	6.50	16.0	13.5	6.7
JUL							
17...	1730	162	63	7.30	26.0	24.0	--
AUG							
20...	1345	267	57	7.00	25.0	22.0	--
SEP							
17...	1735	100	58	7.00	20.0	18.0	--

# MONONGAHELA RIVER BASIN

03069500 CHEAT RIVER NEAR PARSONS, WV

LOCATION.--Lat 39°07'20", long 79°40'50", Tucker County, Hydrologic Unit 05020004, on left bank 2.0 mi north of Parsons, 3.0 mi downstream from confluence of Black and Shavers Forks, and at mile 74.8.

DRAINAGE AREA.--718 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--January 1913 to current year. Monthly discharge only for some periods, published in WSP 1305.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					JAN 1948				
06...	1000	960	21.5	20.5	20...	1220	540	-1.0	0.0
AUG					MAR				
03...	1640	579	27.5	25.5	23...	0940	2340	15.0	13.0
SEP					APR				
20...	1155	2630	22.0	14.5	15...	1500	8940	16.0	11.0
OCT					MAY				
16...	1545	427	14.5	10.0	13...	1110	1250	23.0	16.5
NOV					JUN				
28...	1525	2620	9.5	5.0	18...	1315	1720	24.0	18.0
DEC					JUL				
19...	1130	700	-0.5	0.0	12...	1140	220	26.5	21.0
JAN 1946					AUG				
21...	1245	753	3.0	0.5	17...	1120	486	23.5	20.5
FEB					SEP				
27...	1430	3190	8.0	3.5	02...	1100	307	21.0	19.5
MAR					OCT				
27...	1130	3050	18.0	8.5	14...	1525	1050	9.5	10.5
APR					NOV				
30...	0940	2290	14.0	10.5	16...	1440	820	15.5	5.5
MAY					DEC				
24...	1200	1260	18.5	18.0	13...	1210	1500	10.0	5.0
JUN					JAN 1949				
25...	1320	987	31.0	23.5	18...	1135	1540	8.5	6.0
JUL					FEB				
17...	0950	1290	27.0	21.5	15...	1620	6300	15.5	8.0
AUG					MAR				
02...	1415	300	20.0	23.5	22...	0915	3540	13.0	6.5
30...	1210	63	19.0	20.0	APR				
SEP					21...	1520	1440	23.5	11.5
24...	1000	34	21.5	21.5	MAY				
OCT					23...	1555	6640	16.0	15.0
15...	1530	146	21.5	14.0	JUN				
NOV					15...	1525	178	21.5	23.5
21...	1615	232	20.5	9.0	16...	1410	160	23.5	23.5
DEC					SEP				
10...	1340	174	18.0	3.5	20...	1450	567	13.5	18.0
JAN 1947					OCT				
28...	1500	2270	9.0	4.5	18...	1645	278	19.5	16.5
FEB					NOV				
12...	1000	616	20.0	0.0	15...	1245	1300	5.0	7.0
MAR					29...	1330	11300	16.0	8.5
20...	1155	1240	10.0	3.0	DEC				
APR					23...	1145	3120	-0.5	5.0
19...	1730	1070	24.0	14.5	JAN 1950				
MAY					23...	0910	1560	8.0	5.0
16...	0910	1900	18.0	14.0	31...	1615	15500	13.0	7.0
JUN					MAR				
24...	1105	288	15.5	18.5	20...	1430	1820	8.0	4.5
JUL					APR				
11...	1205	1120	25.5	19.0	07...	0845	1620	10.0	3.0
AUG					MAY				
28...	1105	1320	26.0	21.0	05...	0900	3060	24.0	15.0
SEP					JUN				
22...	0945	214	16.0	20.5	23...	1100	896	23.5	22.0
OCT					JUL				
27...	1215	71	25.0	15.5	20...	1415	1210	26.0	21.0
NOV					AUG				
21...	1100	666	8.0	3.5	11...	1040	313	20.0	21.5
DEC									
18...	1055	905	3.5	0.0					

MONONGAHELA RIVER BASIN  
03069500 CHEAT RIVER NEAR PARSONS, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1950					MAY 1957				
14...	1135	3600	20.5	17.0	16...	0935	990	11.0	13.5
JAN 1951					AUG				
05...	1400	5450	10.0	3.0	26...	1010	34	21.0	20.0
MAY					DEC				
15...	1430	1710	27.0	18.5	17...	1100	1460	3.5	4.5
AUG					FEB 1958				
10...	1030	111	26.5	26.0	12...	1435	1260	-1.5	0.0
OCT					AUG				
18...	1050	45	25.5	19.5	26...	0920	1220	18.5	3.0
NOV					OCT				
29...	1210	1370	13.0	3.5	13...	1015	97	22.0	5.0
JAN 1952					JUN 1959				
09...	1520	1970	10.0	1.5	15...	1320	364	15.5	18.0
MAR					AUG				
07...	1615	1250	-1.5	1.0	18...	1115	933	23.5	24.5
APR					SEP				
21...	1415	1290	24.0	9.5	21...	1515	40	22.0	21.0
AUG					25...	1155	32	23.0	21.5
14...	1155	202	31.0	25.5	OCT				
SEP					08...	1240	131	28.0	21.0
22...	1040	136	13.5	15.0	APR 1960				
NOV					19...	1155	1340	18.5	7.0
07...	1115	55	0.0	4.0	JUN				
DEC					06...	1515	750	28.0	23.5
19...	1340	751	2.0	1.0	OCT				
FEB 1953					03...	1445	246	18.5	17.0
02...	1250	2060	--	1.0	NOV				
MAR					04...	1040	1210	11.0	4.5
10...	1000	1610	0.5	2.0	APR 1961				
APR					20...	1220	2710	18.0	8.5
24...	1045	3510	15.5	9.5	JUN				
JUN					06...	1135	2140	23.5	19.0
16...	1025	229	19.0	21.0	SEP				
JUL					06...	1140	164	28.0	26.5
27...	1215	110	28.0	25.0	NOV				
AUG					29...	1110	1160	-2.0	1.0
27...	0945	57	23.0	24.0	JAN 1962				
SEP					22...	1020	1160	3.0	0.0
21...	1115	33	22.0	22.0	APR				
OCT					11...	1540	3290	--	8.0
15...	1000	17	11.0	14.5	JUN				
NOV					25...	1355	494	--	23.0
23...	1005	52	9.0	9.0	AUG				
FEB 1954					08...	1055	145	--	25.0
01...	1030	880	-2.0	0.5	SEP				
MAR					20...	0955	45	--	16.5
29...	1040	1580	13.5	9.5	NOV				
MAY					06...	1155	853	--	4.5
26...	1055	646	21.0	15.5	MAR 1963				
SEP					15...	1250	5140	15.5	5.5
22...	1030	795	15.5	18.5	OCT				
JAN 1955					14...	1325	71	21.0	15.5
19...	1230	717	-1.5	0.0	NOV				
APR					19...	1120	525	10.0	9.0
05...	1110	728	19.5	10.0	JAN 1964				
JUN					03...	1040	447	7.0	2.0
15...	1120	2110	21.0	16.5	FEB				
SEP					14...	1520	723	2.0	1.0
02...	1345	209	31.0	24.0	MAR				
30...	1545	83	21.0	20.5	24...	1355	1680	18.5	7.0
OCT					JUN				
31...	1625	176	9.5	9.0	11...	1400	261	--	23.5
OCT 1956					SEP				
16...	1300	333	19.0	14.0	01...	1040	231	--	22.0
FEB 1957					OCT				
25...	1205	2800	13.0	2.0	15...	1215	189	23.0	11.0



MONONGAHELA RIVER BASIN  
03069500 CHEAT RIVER NEAR PARSONS, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
DEC 1964				
04...	1455	5150	10.5	6.0
MAR 1965				
01...	1710	2240	11.0	5.5
APR				
13...	1345	3950	7.5	8.0
JUL				
01...	1450	128	--	25.0
AUG				
19...	0845	36	24.5	26.0
SEP				
21...	1215	274	28.0	21.0
DCT				
28...	1130	425	6.5	8.0
DEC				
08...	1430	215	5.5	1.0
JAN 1966				
19...	1130	349	14.0	0.0
MAR				
03...	1345	3100	14.0	6.5
APR				
29...	1245	3800	15.0	13.0
MAY				
31...	1400	350	--	17.0
JUL				
05...	1340	62	--	28.0
AUG				
11...	0950	404	--	23.0
SEP				
08...	1000	102	--	16.0
APR 1967				
12...	1715	1400	18.0	11.5
AUG				
03...	1125	467	--	21.5
SEP				
07...	1355	211	--	20.5
APR 1968				
09...	1500	1910	--	13.0
MAY				
20...	1450	2210	--	11.0
JUN				
25...	1215	386	--	23.5
AUG				
08...	1945	799	28.0	24.5
SEP				
19...	1035	76	--	19.0
OCT				
30...	1115	329	--	6.0
DEC				
13...	1530	867	9.0	2.0
JAN 1969				
24...	1015	4090	8.5	1.5
FEB				
20...	1200	513	-2.0	0.0
MAR				
28...	1000	2810	-1.5	0.0
MAY				
07...	1200	565	28.5	18.0
JUN				
18...	1225	571	22.0	18.5
JUL				
30...	1230	312	20.0	20.0
SEP				
12...	1340	531	14.0	16.0

**MONONGAHELA RIVER BASIN**  
**03069500 CHEAT RIVER NEAR PARSONS, WV--Continued**

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1969						
27...	1130	290	--	--	6.0	9.0
DEC						
08...	1315	1120	--	--	3.0	2.0
MAR 1970						
04...	0945	5590	--	--	13.0	3.5
APR						
09...	1150	3840	--	--	12.0	8.0
JUL						
14...	1115	620	--	--	25.0	21.5
AUG						
19...	0900	362	--	--	20.0	22.0
OCT						
14...	1735	197	--	--	19.0	17.0
NOV						
27...	1000	779	--	--	10.0	1.0
JAN 1971						
07...	1120	3670	--	--	4.0	2.0
FEB						
19...	0905	3070	--	--	2.0	1.0
MAR						
31...	0945	2680	--	--	-3.0	0.5
MAY						
13...	1145	2930	--	--	12.0	11.5
JUN						
23...	1140	320	--	--	24.0	22.5
AUG						
04...	1600	2590	--	--	19.0	23.0
SEP						
15...	2000	6610	--	--	24.0	20.0
OCT						
28...	1915	1310	--	--	24.0	14.0
JAN 1972						
14...	1315	2580	25	7.20	2.0	4.5
MAR						
21...	1700	1910	--	--	17.0	7.0
MAY						
04...	1400	9530	<50	7.00	18.0	12.0
31...	1700	1030	--	--	18.0	18.0
JUN						
28...	1115	2300	--	--	26.0	16.0
AUG						
03...	1230	1380	--	6.90	23.0	20.0
SEP						
07...	1700	313	--	--	2.0	1.0
OCT						
11...	0900	1480	--	--	20.0	12.0
NOV						
10...	1100	5780	--	--	10.0	8.0
DEC						
07...	1400	6500	--	--	3.0	5.0
JAN 1973						
04...	1400	3110	--	--	5.0	6.0
MAR						
07...	1100	4220	--	--	23.0	8.0
APR						
04...	1100	3960	55	6.00	8.0	7.0
JUN						
14...	1230	1180	75	6.50	21.5	18.5
JUL						
11...	1305	164	120	7.00	19.0	25.0
AUG						
16...	1040	1800	70	6.80	20.0	19.0
SEP						
12...	1340	107	130	7.50	19.5	19.0

# MONONGAHELA RIVER BASIN

03069500 CHEAT RIVER NEAR PARSONS, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1973						
04...	1030	1950	--	6.90	18.0	16.0
NOV						
01...	1315	8200	65	6.10	7.5	8.5
DEC						
04...	1300	1340	--	7.00	13.0	--
JAN 1974						
28...	1500	2270	--	--	9.0	4.5
MAR						
01...	0945	2250	60	6.80	3.5	5.0
27...	1230	1340	55	6.90	7.0	5.5
MAY						
15...	1415	1990	60	6.80	24.5	18.0
AUG						
16...	0900	420	--	--	23.0	20.0
OCT						
09...	1540	139	--	--	23.0	11.0
NOV						
04...	1450	260	--	--	16.5	16.0
DEC						
12...	1435	1780	--	--	11.0	4.0
FEB 1975						
13...	0840	5730	100	6.90	-2.0	2.0
APR						
17...	1235	1130	--	--	22.0	11.0
MAY						
13...	1550	2190	--	--	14.0	13.0
JUL						
18...	1030	392	67	6.00	24.0	23.0
AUG						
20...	1145	953	90	6.70	21.0	19.0

# MONONGAHELA RIVER BASIN

03069880 BUFFALO CREEK NEAR ROWLESBURG, WV

LOCATION.--Lat 39°17'19", long 79°42'16", Preston County, Hydrologic Unit 05020004, on left bank 150 ft upstream from secondary highway bridge, 4.5 mi southwest of Rowlesburg, and at mile 2.8.

DRAINAGE AREA.--12.2 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--August 1967 to September 1977.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1967						
20...	1500	0.11	--	--	25.0	20.5
25...	1030	0.37	--	--	9.5	9.0
OCT						
26...	1605	48	--	--	-2.0	0.0
DEC						
08...	1645	64	--	--	6.5	6.0
FEB 1968						
15...	1530	8.5	--	--	-4.5	0.0
APR						
02...	1715	44	--	--	14.0	9.0
MAY						
21...	1630	36	--	--	10.5	8.0
25...	1045	130	--	--	18.0	10.5
JUN						
27...	1100	5.7	--	--	21.0	19.5
AUG						
08...	1515	11	--	--	28.5	23.5
SEP						
19...	1520	0.70	--	--	17.5	18.5
NOV						
15...	1210	78	--	--	14.5	5.5
FEB 1969						
19...	1630	7.9	--	--	-3.5	0.0
APR						
02...	1615	46	--	--	10.5	6.0
JUN						
17...	1810	3.3	--	--	21.0	22.0
SEP						
15...	1430	2.0	--	--	20.0	16.5
OCT						
22...	1620	17	--	--	8.0	10.0
DEC						
08...	1645	100	--	--	2.5	5.0
JAN 1970						
15...	1635	7.6	--	--	1.0	0.0
MAR						
02...	1515	13	--	--	10.0	4.0
APR						
07...	1545	96	--	--	4.5	5.0
MAY						
18...	1645	40	<40	6.80	16.0	16.0
AUG						
17...	1435	1.6	--	--	24.0	21.5
OCT						
14...	1030	1.9	--	--	19.0	15.0
NOV						
24...	1345	15	--	--	-10.0	0.5
JAN 1971						
04...	1705	631	--	--	18.0	3.0
19...	1630	24	--	--	-1.0	0.0
MAR						
02...	1040	26	--	--	3.5	7.5
APR						
13...	1120	16	--	--	33.0	12.0
JUN						
03...	1650	2.7	--	--	24.0	20.0

MONONGAHELA RIVER BASIN

03069880 BUFFALO CREEK NEAR ROWLESBURG, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1971						
08...	1730	0.38	--	--	25.0	26.0
AUG						
19...	1830	0.51	--	--	27.0	22.0
SEP						
14...	1310	1460	<50	6.50	17.0	15.5
30...	1500	16	--	--	27.0	16.0
DEC						
03...	0910	24	--	--	1.5	1.0
FEB 1972						
14...	1500	26	--	--	5.0	0.0
MAR						
22...	1200	30	<50	6.50	7.0	7.0
MAY						
01...	1330	13	--	--	24.0	14.0
JUN						
01...	1145	5.7	--	--	18.0	15.0
26...	1430	68	--	--	21.0	12.0
OCT						
12...	1300	5.2	--	--	12.0	20.0
NOV						
10...	1645	69	--	--	12.0	6.0
DEC						
08...	1100	62	--	--	5.0	3.0
JAN 1973						
05...	1045	40	--	7.00	0.0	2.5
FEB						
08...	1200	65	--	--	4.0	3.0
MAR						
07...	1500	23	--	--	16.0	9.0
APR						
04...	1345	90	50	7.00	5.0	6.0
MAY						
09...	1535	153	80	6.80	15.0	11.0
JUN						
13...	1645	5.7	70	6.70	21.5	19.5
JUL						
10...	1500	2.9	70	7.30	25.0	24.0
AUG						
15...	1645	5.8	65	7.00	22.5	20.0
SEP						
12...	1620	0.15	90	7.10	19.0	18.0
OCT						
03...	1615	32	--	6.60	18.5	16.0
DEC						
05...	1155	15	55	6.70	11.5	10.0
JAN 1974						
04...	1110	182	--	6.20	5.0	5.5
29...	1030	34	55	--	--	--
MAR						
01...	1200	49	55	6.20	4.0	5.0
27...	1600	7.3	--	7.10	8.0	5.5
APR						
24...	1240	31	150	6.70	8.0	6.0
MAY						
16...	1150	17	55	6.80	27.0	16.0
JUN						
18...	1500	8.2	--	6.40	14.5	12.0
JUL						
18...	1215	1.5	--	--	24.0	21.0
AUG						
16...	1045	0.32	--	--	25.0	20.0
SEP						
11...	1500	3.7	--	6.60	24.0	19.0

# MONONGAHELA RIVER BASIN

03069880 BUFFALO CREEK NEAR ROWLESBURG, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
DCT 1974						
10...	1120	0.72	90	7.00	14.0	7.0
NOV						
04...	1215	2.8	85	7.70	16.0	15.0
DEC						
12...	1630	34	65	6.20	8.0	5.0
JAN 1975						
15...	1700	14	--	6.00	0.0	0.0
MAR						
18...	1110	43	160	7.00	12.0	4.0
APR						
16...	1425	9.0	47	6.70	14.0	8.0
MAY						
01...	1330	13	--	--	24.0	14.0
14...	0950	11	--	6.50	12.0	10.0
JUL						
16...	1610	11	52	7.00	28.0	--
AUG						
14...	1630	20	50	7.00	21.0	19.5
SEP						
16...	1250	81	52	7.00	13.0	18.0

# MONONGAHELA RIVER BASIN

## 03070000 CHEAT RIVER AT ROWLESBURG, WV

LOCATION.--Lat 39°20'48", long 79°39'56", Preston County, Hydrologic Unit 05020004, on left bank 50 ft downstream from Baltimore & Ohio Railroad bridge at Rowlesburg, 300 ft upstream from Saltlick Creek, and at mile 44.1. Records include flow of Saltlick Creek.

DRAINAGE AREA.--937 mi<sup>2</sup>, including that of Saltlick Creek.

PERIOD OF STREAMFLOW RECORD.--July 1912 to September 1923 (gage heights only), October 1923 to current year. Gage-height records collected at practically the same site since 1884 are contained in report of National Weather Service. Monthly discharge only for some periods, published in WSP 1305.

### WATER QUALITY DATA

DATE	TIME	STREAM- FLDW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					MAY 1948				
05...	0835	489	19.0	23.0	07...	1000	4270	14.0	12.0
AUG					JUN				
02...	1035	1060	28.0	23.0	17...	1230	4010	24.5	18.5
SEP					JUL				
13...	0820	529	13.0	20.0	15...	1430	2660	22.0	19.0
OCT					SEP				
12...	1410	1130	15.5	12.0	10...	0820	493	18.5	21.0
NOV					OCT				
09...	1015	732	19.0	9.5	08...	1110	1030	18.0	13.0
DEC					NOV				
22...	1215	660	-1.5	0.0	05...	0830	754	12.0	10.0
JAN 1946					DEC				
11...	1200	5690	4.5	5.5	09...	1530	2420	4.0	3.5
FEB					JAN 1949				
21...	1145	2240	2.0	3.5	07...	0820	7690	1.5	3.5
MAR					FEB				
08...	1600	2610	15.5	6.0	11...	1030	2510	-3.5	2.0
MAY					MAR				
16...	1615	2920	23.0	18.0	11...	1500	5630	1.0	3.5
JUN					APR				
25...	1600	1330	29.5	26.0	08...	1320	4470	8.5	7.0
JUL					MAY				
12...	1010	1160	24.0	24.0	06...	0825	746	18.0	19.5
AUG					JUN				
09...	1200	451	27.5	25.0	17...	1010	189	20.5	22.0
SEP					JUL				
07...	0920	38	15.0	19.5	14...	0925	6390	28.5	20.5
OCT					AUG				
18...	1225	126	18.0	14.5	22...	1420	610	23.5	21.0
NOV					SEP				
19...	1120	475	-1.0	4.0	09...	0900	406	13.5	19.5
DEC					OCT				
06...	0945	254	1.0	0.5	10...	1520	222	25.5	24.0
JAN 1947					NOV				
16...	0600	6080	9.0	8.0	11...	1630	1030	21.0	10.0
FEB					OEC				
07...	1125	972	-3.0	0.0	14...	1600	7040	6.5	4.5
MAR					24...	1010	4010	-4.5	3.0
07...	1015	845	-1.0	0.0	JAN 1950				
MAY					13...	1100	3430	9.5	4.5
15...	0840	3730	18.0	13.5	MAR				
AUG					10...	1020	2710	-2.0	1.0
07...	1750	329	30.0	27.0	APR				
SEP					10...	1100	1620	7.0	6.0
23...	0950	286	9.5	16.0	MAY				
OCT					08...	1620	1920	20.5	16.5
10...	0850	864	15.0	16.5	JUN				
NOV					08...	1430	1530	28.0	23.0
17...	1215	2080	5.5	6.0	JUL				
DEC					14...	1410	724	24.0	24.0
08...	1400	1660	6.0	6.0	AUG				
JAN 1948					09...	1300	346	28.0	24.5
09...	1030	1600	9.0	2.0	JAN 1951				
FEB					11...	0950	2000	4.0	1.5
26...	1800	19800	9.0	6.0	MAR				
MAR					08...	0945	9730	6.0	5.0
05...	1120	4870	-1.0	3.5	MAY				
APR					10...	1040	1900	20.0	11.5
08...	1730	1800	20.5	16.0					
14...	1150	21300	10.0	10.5					

MONONGAHELA RIVER BASIN  
03070000 CHEAT RIVER AT ROWLESBURG, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
AUG 1951					JUL 1956				
09...	0915	158	24.0	25.5	06...	1430	2410	28.5	21.0
OCT					OCT				
26...	1320	64	23.0	18.5	08...	1620	1720	19.5	15.0
NOV					NOV				
08...	1200	689	4.0	0.5	09...	0925	900	2.0	8.0
APR 1952					DEC				
03...	1000	3240	4.5	2.0	12...	1000	3290	11.0	5.0
JUN					MAR 1957				
26...	1420	1400	31.5	24.5	05...	1600	2360	10.5	1.5
SEP					APR				
09...	1215	766	28.0	23.5	17...	1005	1360	12.0	7.0
18...	1000	78	23.5	18.0	JUN				
OCT					05...	1000	323	23.5	20.0
30...	1030	47	3.0	4.5	JUL				
JAN 1953					17...	0800	241	19.0	20.5
22...	0750	3940	3.5	5.0	AUG				
MAR					26...	1600	42	21.5	19.5
05...	1440	6660	1.5	4.0	SEP				
APR					24...	1430	118	21.0	23.5
16...	1010	3680	4.0	6.5	NOV				
JUN					05...	1410	569	15.5	4.0
08...	1325	1590	33.5	26.0	DEC				
JUL					05...	0900	813	-1.0	0.0
24...	1205	196	20.0	23.5	MAR 1958				
AUG					07...	1415	3650	8.0	1.0
20...	1515	150	29.0	23.5	APR				
SEP					22...	0935	4980	21.0	3.5
16...	1650	67	25.0	20.5	MAY				
OCT					20...	1130	1170	24.0	4.5
07...	1350	15	8.0	13.0	JUL				
NOV					15...	1155	1300	25.0	4.0
19...	0905	34	-4.0	3.5	AUG				
JAN 1954					28...	1220	831	22.0	4.5
27...	1010	3030	15.5	9.0	OCT				
FEB					07...	1155	198	23.5	4.5
17...	1420	4370	1.0	4.5	JUN 1959				
MAR					09...	0945	678	15.5	22.0
24...	1150	2380	15.5	9.5	JUL				
APR					15...	1000	207	23.5	25.0
21...	1415	1980	29.5	15.5	AUG				
MAY					19...	1000	876	25.5	23.5
20...	1420	1510	9.5	11.5	SEP				
JUN					29...	1620	32	21.5	21.5
16...	1535	1440	29.0	21.0	JUN 1960				
JUL					08...	1530	713	25.5	23.5
15...	0930	601	20.5	23.5	OCT				
AUG					19...	1100	219	16.5	14.5
19...	0920	1790	27.0	21.0	JUN 1961				
SEP					21...	0945	1160	24.0	20.0
15...	1310	329	27.0	23.0	SEP				
NOV					15...	1005	234	15.5	21.0
12...	1415	1160	10.5	6.0	NOV				
DEC					02...	1355	1850	21.0	13.5
15...	1125	2150	0.5	2.0	DEC				
FEB 1955					06...	1445	818	10.0	2.0
25...	1000	5600	1.0	1.0	FEB 1962				
MAR					28...	1600	14200	1.0	2.0
30...	1030	1800	4.5	4.5	APR				
MAY					10...	1130	4640	--	8.0
04...	1045	1020	25.5	20.0	MAY				
AUG					21...	1215	725	--	21.5
17...	1045	1230	31.0	24.0	JUL				
OCT					03...	1205	271	--	21.5
13...	0950	126	11.0	11.5	10...	1130	233	--	24.5
NOV					AUG				
18...	1335	175	4.5	1.5	14...	1205	303	--	21.5



MONONGAHELA RIVER BASIN  
03070000 CHEAT RIVER AT ROWLESBURG, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1962					JUN 1969				
24...	1150	76	--	15.0	16...	1530	1210	21.5	21.0
OCT					SEP				
29...	1145	533	--	8.5	15...	0930	445	19.0	13.5
JAN 1963					OCT				
23...	1130	2090	3.5	1.5	21...	1015	587	11.0	14.0
MAR					DEC				
04...	1225	4470	7.0	3.0	09...	1415	2860	6.0	5.5
SEP					MAR 1970				
17...	1105	347	24.0	20.0	02...	1000	1270	6.0	2.0
OCT					APR				
25...	1105	738	19.5	17.0	07...	1150	4490	5.0	5.0
JAN 1964					MAY				
22...	1230	2760	13.0	2.0	18...	1445	1780	16.0	17.0
OCT					JUL				
28...	1545	204	20.5	15.0	09...	1310	499	18.5	22.0
JAN 1965					AUG				
13...	1355	2520	3.5	2.0	17...	1135	702	22.0	22.0
MAR					OCT				
12...	1115	1800	1.5	1.0	13...	1205	426	21.0	19.5
APR					NOV				
29...	1030	3800	19.5	10.5	27...	1510	961	10.0	1.5
JUN					MAR 1971				
17...	1430	137	--	17.0	02...	1435	3450	7.0	12.0
JUL					APR				
29...	1100	75	--	24.0	13...	1445	2530	25.0	11.0
SEP					JUN				
14...	1050	56	21.5	21.0	03...	1245	1250	26.0	18.5
MAY 1966					JUL				
27...	1100	497	--	23.0	08...	1115	194	33.0	28.0
AUG 1967					AUG				
16...	0955	184	--	23.0	19...	1130	217	30.0	24.0
SEP					SEP				
20...	1030	90	28.5	22.0	10...	1530	1420	30.0	19.0
OCT					NOV				
26...	1045	7190	1.0	2.0	11...	1500	681	14.0	5.0
FEB 1968					DEC				
15...	1115	669	-8.0	0.0	01...	1630	5380	-0.5	3.5
APR					JAN 1972				
02...	1300	5190	13.5	9.0	11...	1515	8390	8.5	6.5
MAY					FEB				
21...	1250	2820	11.0	9.0	14...	1000	1880	4.0	1.0
JUN					MAR				
27...	1440	476	29.5	24.0	22...	1500	2700	10.0	8.0
AUG					MAY				
09...	1210	1060	29.5	28.0	01...	1345	1810	21.0	13.0
SEP					JUN				
19...	1215	122	18.5	20.0	01...	1415	1340	18.0	18.0
NOV					AUG				
08...	1230	4620	1.0	3.0	03...	1000	1380	22.0	20.0
JAN 1969					SEP				
23...	1115	4670	10.5	5.0	22...	1800	399	30.0	18.0
FEB					OCT				
19...	1120	900	-4.0	0.0	12...	1600	1310	24.0	12.0
APR					NOV				
02...	1215	2550	9.0	7.0	14...	1715	4570	12.0	11.0
MAY									
06...	1000	914	21.5	14.5					

MONONGAHELA RIVER BASIN  
03070000 CHEAT RIVER AT ROWLESBURG, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
JAN 1973							
05...	1300	3460	--	--	0.0	3.0	--
MAR							
08...	1230	4140	--	--	17.0	10.0	--
APR							
04...	1630	6500	--	--	13.0	7.0	--
MAY							
11...	1430	3710	60	6.60	19.0	15.0	--
JUN							
15...	1100	1260	75	6.50	20.5	19.5	--
JUL							
12...	1120	212	105	6.90	19.0	22.0	--
AUG							
10...	1440	2520	60	6.90	26.5	22.0	--
SEP							
13...	1030	142	125	7.00	21.5	20.0	--
NOV							
02...	1210	8000	60	6.10	18.0	10.0	--
DEC							
27...	1005	29700	75	6.10	8.0	6.5	--
JAN 1974							
28...	1645	1340	60	7.20	6.0	7.0	--
FEB							
27...	0830	2120	60	7.40	-3.0	4.0	--
MAR							
24...	1010	2770	--	6.20	-2.0	2.0	--
APR							
25...	1330	1700	65	6.70	18.0	12.0	--
JUN							
03...	1715	12600	--	6.70	27.0	19.0	--
JUL							
01...	1335	1650	60	6.80	26.0	20.0	--
26...	1050	238	120	6.80	24.0	23.0	--
SEP							
03...	1330	1560	220	7.50	17.0	17.0	--
OCT							
10...	1420	152	130	7.00	21.0	14.0	--
NOV							
06...	1230	431	100	7.00	8.5	12.0	--
DEC							
13...	1005	3010	--	7.20	8.5	3.0	--
MAR 1975							
05...	--	1030	200	7.70	6.0	2.0	--
18...	1230	4080	180	7.10	8.0	5.5	--
APR							
16...	1135	1310	70	6.40	9.0	6.0	--
MAY							
14...	1315	2820	--	6.40	21.0	15.0	6.5
JUL							
16...	1320	887	67	7.00	28.0	22.5	--
AUG							
19...	1325	2480	65	6.80	31.0	21.0	--
SEP							
15...	1405	652	70	7.00	--	--	--

## MONONGAHELA RIVER BASIN

03070500 BIG SANDY CREEK AT ROCKVILLE, WV

LOCATION.--Lat 39°37'15", long 79°42'20", Preston County, Hydrologic Unit  
05020004, on right bank just downstream from highway bridge at Rockville, and  
at mile 5.0.

DRAINAGE AREA.--200 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--May 1909 to March 1918, April 1921 to current year.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					JUN 1948				
04...	1445	47	25.0	23.0	01...	1530	158	25.0	20.0
AUG					JUL				
01...	1100	131	22.0	20.5	09...	1355	285	21.5	17.5
SEP					SEP				
11...	1715	646	21.5	20.0	09...	1245	176	23.0	23.5
OCT					OCT				
11...	0905	466	3.5	7.5	07...	1355	27	18.5	13.0
NOV					NOV				
08...	1715	200	11.5	12.5	04...	1610	261	19.0	11.0
DEC					DEC				
05...	1625	545	1.0	2.0	03...	1615	594	12.0	5.5
JAN 1946					JAN 1949				
10...	1620	1110	5.0	6.5	06...	1630	1760	--	4.0
FEB					MAR				
20...	1130	351	--	0.0	11...	1005	970	--	2.0
MAR					MAY				
07...	1615	333	3.0	4.5	05...	1415	142	31.0	19.5
APR					JUN				
04...	1530	328	21.5	14.0	16...	1400	22	25.5	21.0
MAY					JUL				
17...	1205	1760	--	14.0	13...	1550	213	27.5	21.5
JUN					AUG				
05...	1415	638	19.0	13.0	06...	1150	295	28.5	24.0
JUL					SEP				
11...	1430	20	29.0	27.0	08...	1400	12	--	20.5
AUG					OCT				
08...	1500	12	25.5	24.5	11...	1100	10	22.0	18.5
SEP					NOV				
05...	1705	4.2	25.0	20.5	10...	1530	106	18.5	8.0
OCT					DEC				
17...	1540	11	18.5	14.5	07...	1540	348	8.5	3.0
NOV					MAR 1950				
18...	1140	84	5.5	3.0	08...	1500	245	3.5	4.5
DEC					MAY				
04...	1500	48	6.5	0.0	09...	0950	383	15.0	11.0
FEB 1947					JUN 1951				
06...	1505	276	--	0.0	06...	0950	88	19.0	18.5
AUG					JUL				
07...	1440	90	28.0	22.0	11...	1505	80	28.0	24.0
SEP					AUG				
23...	1730	88	15.5	17.0	08...	1310	19	29.0	26.0
OCT					SEP				
09...	1545	11	16.5	16.5	12...	1340	18	27.0	23.5
NOV					OCT				
07...	1010	236	11.0	8.5	03...	1600	5.3	28.0	24.5
DEC					FEB 1952				
04...	1440	160	5.0	1.0	27...	1520	217	7.5	1.0
JAN 1948					JUN				
08...	1525	384	6.5	0.5	26...	1005	140	28.5	23.5
FEB					SEP				
25...	1515	388	9.0	3.5	17...	1400	17	23.5	18.0
MAR					OCT				
04...	1815	557	0.0	4.5	28...	1635	7.3	4.5	6.0
APR					DEC				
07...	1705	426	16.0	12.0	10...	1545	219	11.0	--
12...	1615	9490	10.0	9.5	JUL 1953				
12...	1805	8580	8.5	9.5	15...	1440	5.3	31.5	25.0
MAY					AUG				
06...	1605	1010	22.5	11.5	20...	1140	3.2	24.0	21.0

MONONGAHELA RIVER BASIN

03070500 BIG SANDY CREEK AT ROCKVILLE, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1953					APR 1960				
16...	1245	0.60	21.0	19.0	28...	1110	116	18.5	13.5
OCT					JUN				
06...	1425	0.51	13.0	14.5	09...	0930	72	20.0	18.0
NOV					OCT				
18...	1415	1.0	15.5	3.5	18...	1545	14	19.5	14.5
DEC					MAR 1961				
15...	1440	156	--	2.0	28...	0905	42	15.5	5.5
FEB 1954					JUN				
16...	1225	210	16.5	4.5	20...	1500	158	28.0	20.0
APR					SEP				
20...	1245	496	29.5	13.0	14...	1440	31	32.0	29.0
SEP					OCT				
14...	1150	43	24.0	18.0	30...	1235	51	16.0	10.5
JUL 1955					DEC				
06...	1320	73	29.0	23.0	07...	1000	131	1.0	1.0
JUL 1956					JAN 1962				
05...	1440	310	32.0	24.0	16...	1020	550	--	0.0
SEP					FEB				
05...	1410	72	34.5	25.0	28...	1315	2400	5.5	2.0
OCT					JUL				
09...	1120	234	13.0	10.5	11...	0950	9.0	22.0	20.5
NOV					JUL 1963				
08...	1430	90	15.5	8.0	17...	1045	35	--	21.0
DEC					AUG				
11...	1545	959	4.5	8.0	28...	1000	7.8	--	19.0
JAN 1957					OCT				
15...	1420	355	--	0.5	09...	1120	5.2	--	11.0
MAR					NOV				
04...	1610	544	10.0	2.0	13...	1200	51	--	3.5
APR					MAY 1964				
16...	1250	284	14.0	4.5	21...	0940	108	--	15.5
JUN					JUL				
04...	1420	57	29.5	21.0	08...	0955	40	--	19.5
JUL					AUG				
16...	1445	13	32.0	28.0	19...	0935	11	--	18.5
AUG					NOV				
27...	1750	3.3	22.0	21.5	04...	1305	14	24.0	15.5
NOV					MAY 1965				
05...	0940	86	11.0	1.5	23...	1130	13	--	24.0
DEC					OCT				
04...	1300	134	0.0	0.5	13...	1300	106	15.0	10.0
JAN 1958					NOV				
07...	1045	187	1.0	0.5	30...	1550	162	--	1.0
FEB					MAY 1966				
26...	1400	1010	8.5	1.0	24...	1005	178	--	19.0
MAR					SEP				
06...	1535	658	7.0	1.0	18...	2035	6.3	--	16.5
APR					OCT				
21...	1610	79	21.0	3.5	12...	1205	32	--	10.5
MAY					24...	1600	243	13.0	9.0
20...	0910	292	16.5	3.0	NOV				
JUN					28...	1345	1840	1.0	3.5
17...	0910	38	15.5	3.0	JAN 1967				
JUL					09...	0845	221	--	0.5
15...	0920	478	31.0	--	FEB				
AUG					20...	0915	314	5.5	1.0
28...	0910	66	20.5	5.5	MAR				
OCT					24...	1230	1040	21.0	1.5
07...	0950	109	18.0	2.0	JUN				
JUN 1959					26...	1030	33	23.5	19.5
09...	1430	56	24.0	28.0	JUL				
JUL					31...	1240	34	30.0	20.0
15...	1620	6.5	29.0	26.5	SEP				
AUG					25...	0800	13	15.5	18.0
19...	1420	197	25.0	29.5	OCT				
SEP					25...	1130	193	10.5	11.5
30...	1030	1.5	23.0	20.0					

## MONONGAHELA RIVER BASIN

03070500 BIG SANDY CREEK AT ROCKVILLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPF- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
DEC 1967						
08...	0940	1120	--	--	6.0	3.5
MAR 1968						
27...	1115	583	--	--	5.5	2.0
APR						
17...	0830	136	--	--	11.5	9.0
MAY						
29...	0845	1070	--	--	11.0	8.5
JUL						
01...	1320	41	--	--	--	24.5
AUG						
13...	1400	44	--	--	28.5	23.0
SEP						
24...	1300	8.4	--	--	29.0	23.0
FEB 1969						
04...	1200	627	--	--	--	0.0
MAR						
14...	1025	94	--	--	--	0.0
APR						
24...	1624	1380	--	--	9.0	5.5
JUN						
02...	1105	33	--	--	29.5	26.0
JUL						
11...	0900	827	--	--	24.0	20.0
AUG						
22...	1110	98	--	--	18.5	17.0
OCT						
03...	0905	36	--	--	17.5	16.0
NOV						
06...	1050	69	--	--	6.0	6.0
FEB 1970						
03...	1140	2130	--	--	-8.0	0.0
MAR						
25...	1300	550	--	--	6.0	4.5
APR						
21...	1300	624	100	5.10	--	12.5
JUN						
10...	1450	170	100	7.60	--	23.0
JUL						
27...	0915	31	--	--	22.5	22.5
OCT						
27...	1500	86	--	--	12.0	12.5
DEC						
08...	1800	351	--	--	4.0	2.5
JAN 1971						
19...	1200	350	--	--	-1.0	0.0
MAR						
01...	1300	611	--	--	25.5	4.0
MAY						
25...	1610	169	--	--	17.5	15.5
JUL						
09...	1430	36	--	--	22.0	22.0
AUG						
18...	1230	43	--	--	29.0	21.0
OCT						
01...	1300	185	--	--	17.0	28.0
NOV						
10...	1200	177	--	--	8.0	3.0
DEC						
15...	1200	374	--	--	16.0	6.0
JAN 1972						
20...	1045	423	--	--	12.0	6.0
MAR						
01...	1230	3530	--	8.00	20.0	6.0

## MONONGAHELA RIVER BASIN

03070500 BIG SANDY CREEK AT ROCKVILLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
APR 1972						
11...	1100	520	--	4.50	17.0	9.0
MAY						
22...	1200	323	--	4.50	25.0	17.5
JUN						
28...	1310	576	60	4.30	21.0	17.0
JUL						
25...	1400	32	60	4.50	29.0	22.0
AUG						
02...	1200	50	--	4.50	27.0	21.0
SEP						
26...	1030	6.0	375	5.00	26.0	19.0
OCT						
25...	1115	47	--	4.50	14.0	16.0
NOV						
22...	1100	770	--	--	2.0	4.0
DEC						
19...	1210	552	--	--	4.0	2.0
JAN 1973						
12...	1205	170	--	--	-6.5	-0.5
MAR						
01...	1210	466	--	--	15.0	3.0
21...	1200	586	--	--	5.0	4.0
APR						
19...	1215	340	130	6.30	24.0	13.0
MAY						
21...	1235	244	90	6.70	18.0	13.0
JUN						
22...	1115	206	95	6.10	23.0	20.0
JUL						
17...	1150	39	140	6.70	20.0	22.0
AUG						
24...	0910	60	200	6.90	17.5	16.0
SEP						
20...	1105	59	200	6.40	16.5	14.5
NOV						
30...	1000	970	80	6.10	8.0	5.0
DEC						
27...	1545	3140	--	6.00	7.0	7.0
JAN 1974						
28...	1220	410	340	6.20	7.5	8.0
FEB						
26...	1045	327	100	6.60	-2.0	4.5
MAR						
25...	1530	486	--	6.30	10.0	5.0
JUL						
01...	1520	647	105	6.50	22.0	20.0
AUG						
05...	1220	54	150	6.20	21.0	20.0
SEP						
03...	1730	1050	120	6.50	16.0	18.0
OCT						
11...	1220	46	160	6.70	20.0	10.0
NOV						
07...	1200	96	100	7.60	7.0	9.5
JAN 1975						
07...	1210	491	120	7.40	6.0	3.5
APR						
10...	1055	394	200	7.80	9.0	5.0
JUN						
11...	0950	159	100	7.30	16.5	16.0
JUL						
14...	1015	52	160	8.00	21.0	19.5
AUG						
07...	1140	47	230	--	31.0	21.0
SEP						
02...	1205	1140	80	7.90	19.0	17.5

# WHEELING CREEK BASIN

03112000 WHEELING CREEK AT ELM GROVE, WV

LOCATION.--Lat 40°02'40", long 80°39'40", Ohio County, Hydrologic Unit 05030106, on right bank at highway bridge at Elm Grove, 500 ft downstream from Little Wheeling Creek, and at mile 7.7.

DRAINAGE AREA.--282 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1940 to current year. Monthly discharge only for October 1940, published in WSP 1907.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					FEB 1948				
03...	0730	147	18.0	12.0	04...	0930	50	1.0	0.0
AUG					MAR				
09...	1425	35	27.0	25.5	12...	1620	416	10.5	5.5
SEP					APR				
25...	1125	536	26.5	20.0	06...	1600	545	23.5	14.5
OCT					MAY				
03...	0840	841	10.0	13.5	04...	1500	439	18.0	13.5
NOV					JUN				
06...	1420	189	21.5	10.5	03...	1355	41	24.0	22.5
DEC					JUL				
04...	1440	265	5.0	4.5	07...	1735	332	21.0	24.0
JAN 1946					SEP				
08...	1545	637	9.5	6.0	07...	1830	9.6	22.0	24.5
FEB					OCT				
07...	0910	1010	-1.5	0.5	05...	1525	20	10.5	13.0
MAR					NOV				
05...	1500	290	20.5	8.0	02...	1405	9.0	19.0	13.0
APR					DEC				
02...	1400	218	16.0	13.5	02...	0910	374	-4.5	1.5
MAY					JAN 1949				
07...	1340	134	10.5	13.0	04...	1700	275	2.0	5.5
JUN					10...	1450	796	14.5	8.0
04...	1410	992	17.0	15.0	FEB				
JUL					08...	1540	467	9.0	1.0
09...	0935	29	26.0	25.5	MAR				
AUG					08...	1630	608	10.0	5.0
06...	1615	38	22.0	20.5	APR				
SEP					05...	1425	295	16.5	10.0
03...	1415	1.5	22.0	21.0	MAY				
OCT					03...	1455	163	31.0	22.5
03...	1400	1.6	22.0	19.5	JUL				
NOV					05...	1825	13	31.5	31.0
07...	1500	16	13.0	10.5	AUG				
DEC					02...	1740	24	30.5	27.0
03...	1435	23	1.0	0.5	OCT				
FEB 1947					13...	1710	5.4	17.0	19.5
04...	1515	397	-8.5	0.5	NOV				
MAR					08...	1445	7.7	26.0	16.0
05...	1410	107	2.0	0.5	DEC				
08...	0920	591	5.5	8.5	09...	0830	14	-10.5	0.0
APR					MAR 1950				
01...	1805	232	17.0	8.5	07...	1515	181	13.5	4.5
JUN					APR				
05...	1415	109	28.5	26.0	12...	1415	226	10.5	9.0
12...	1225	274	25.5	25.0	MAY				
JUL					11...	0845	141	18.0	15.0
10...	1550	89	24.5	26.0	JUL				
AUG					12...	1050	147	26.0	22.5
05...	1500	142	33.5	29.0	AUG				
SEP					02...	1155	124	26.0	26.5
02...	1445	15	25.5	24.5	SEP				
OCT					12...	1420	212	26.0	23.5
08...	0955	2.6	13.5	15.0	15...	1000	241	24.0	18.5
NOV					27...	0730	143	14.5	11.5
04...	1630	23	13.5	13.0	APR 1951				
DEC					18...	1320	439	16.0	8.0
02...	1550	43	6.0	0.5	MAY				
JAN 1948					16...	1350	224	26.0	20.0
06...	1705	307	2.0	0.5					

WHEELING CREEK BASIN  
03112000 WHEELING CREEK AT ELM GROVE, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1951					AUG 1955				
18...	0955	61	28.0	21.0	10...	0845	4.4	25.5	25.5
AUG					SEP				
15...	0945	8.0	28.5	24.0	07...	1300	14	35.0	30.5
NOV					DCT				
07...	1100	25	4.0	5.5	18...	1100	82	11.5	12.0
DEC					JAN 1956				
12...	1320	184	-1.0	3.0	17...	0845	45	-1.0	0.5
JAN 1952					MAY				
14...	1500	199	19.0	5.5	22...	1435	234	24.5	19.0
FEB					JUN				
27...	1040	150	-0.5	0.5	26...	1435	489	32.0	24.0
APR					AUG				
09...	1045	606	7.0	5.5	29...	1100	106	27.0	22.0
JUL					SEP				
09...	1045	50	20.5	24.0	26...	1015	43	12.0	14.5
AUG					DCT				
20...	0950	16	18.0	--	18...	1355	30	21.0	18.5
SEP					NOV				
16...	1655	5.1	26.0	24.0	14...	1115	38	16.5	8.0
24...	0810	2.8	9.5	13.0	MAR 1957				
OCT					06...	1115	310	4.5	3.0
28...	1345	2.4	4.5	10.5	MAY				
DEC					22...	1440	125	26.5	20.0
10...	0835	70	13.5	9.5	JUL				
JAN 1953					03...	0950	17	23.0	23.0
20...	1705	301	4.0	5.0	AUG				
MAR					07...	0930	2.1	13.5	16.5
10...	1620	320	8.5	4.0	SEP				
APR					04...	1720	0.57	22.0	23.5
21...	0830	865	0.0	8.5	OCT				
JUN					09...	0915	0.94	6.5	11.5
02...	1620	43	25.5	22.5	NDV				
SEP					06...	1010	8.2	14.5	6.0
15...	1505	1.7	21.0	17.0	DEC				
NOV					13...	1015	84	-8.0	0.0
03...	0910	2.2	13.0	11.0	FEB 1958				
DEC					07...	0950	237	-1.0	0.5
08...	0945	8.0	0.0	6.0	MAR				
JAN 1954					11...	1610	161	3.5	2.0
05...	1200	18	0.0	2.0	MAY				
FEB					20...	1110	180	24.5	13.0
02...	1020	120	5.5	1.0	AUG				
APR					26...	1035	101	29.5	20.0
06...	1225	96	25.5	8.0	SEP				
JUN					24...	1600	105	31.0	21.0
09...	0805	182	24.0	19.5	OCT				
AUG					08...	0920	47	--	13.5
14...	1030	2.8	25.5	18.5	20...	1525	29	24.0	15.5
OCT					NDV				
05...	1010	63	--	23.5	18...	1115	76	24.0	10.0
NOV					DEC				
09...	1250	64	9.0	5.0	29...	1500	132	7.0	3.5
DEC					MAR 1959				
07...	1000	30	-6.0	0.5	23...	1145	227	4.5	2.0
JAN 1955					APR				
05...	0900	314	1.5	6.0	07...	1450	247	21.0	7.0
FEB					MAY				
09...	1535	614	9.0	4.0	05...	1545	283	26.5	6.5
MAR					JUN				
10...	0850	593	10.0	4.0	16...	1340	37	25.5	6.0
29...	1545	275	9.0	4.5	JUL				
MAY					28...	1000	9.9	29.5	24.5
04...	0815	155	23.5	18.0	AUG				
JUN					05...	1505	245	--	25.0
06...	1600	72	31.0	23.5	27...	0830	24	24.0	24.0
JUL									
13...	0805	21	18.5	22.0					



# WHEELING CREEK BASIN

03112000 WHEELING CREEK AT ELM GROVE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1959					AUG 1966				
15...	1040	8.7	14.5	13.0	23...	1020	23	--	21.5
JAN 1960					SEP				
06...	1015	513	-2.0	0.0	20...	1000	2.1	--	17.0
FEB					OCT				
24...	1630	265	5.5	2.0	28...	1220	0.48	25.0	10.0
JUN					DEC				
22...	1420	25	27.0	21.0	07...	0920	79	1.5	0.0
AUG					JAN 1967				
03...	0940	12	25.0	24.5	25...	1455	22	19.5	5.5
DEC					MAR				
06...	1255	38	16.0	4.5	11...	1300	2890	3.5	2.0
JUL 1961					APR				
04...	1105	82	--	20.0	20...	1245	309	17.0	8.5
AUG					JUL				
15...	1430	112	--	24.5	28...	0930	259	28.5	23.5
28...	1100	0.63	26.5	24.5	SEP				
SEP					19...	1310	1.3	28.0	23.5
26...	1415	12	--	19.0	NOV				
NOV					03...	0830	39	8.5	5.0
02...	1305	46	23.0	17.0	DEC				
APR 1963					15...	1320	148	-2.0	-0.5
29...	1210	93	14.5	10.5	JAN 1968				
MAY					18...	1315	61	4.5	0.0
15...	1330	50	--	19.5	MAR				
JUL					05...	0730	42	-2.0	0.0
16...	1210	7.6	--	23.5	APR				
AUG					16...	1340	200	20.0	15.0
27...	1330	2.0	--	25.5	MAY				
OCT					28...	1145	3400	10.0	7.0
08...	1215	0.25	--	18.5	JUL				
NOV					01...	1835	36	31.5	29.0
12...	1035	1.3	--	5.5	AUG				
DEC					12...	0835	39	22.0	22.0
06...	1120	5.4	--	3.0	SEP				
APR 1964					23...	1915	4.6	22.5	21.5
15...	1805	287	--	14.0	NOV				
MAY					04...	1730	20	9.0	11.5
20...	1435	112	--	22.0	DEC				
JUL					16...	1520	62	-5.5	0.0
07...	1100	15	--	24.0	JAN 1969				
AUG					28...	1035	160	-3.5	0.0
18...	1435	3.8	--	29.5	APR				
SEP					24...	0845	809	7.0	3.5
14...	1345	0.51	24.0	--	MAY				
NOV					26...	1330	87	18.0	21.5
05...	1605	3.3	18.5	14.0	JUL				
DEC					07...	1600	2350	24.5	23.0
10...	1230	65	4.5	2.0	AUG				
APR 1965					19...	1100	159	27.0	25.5
21...	1300	244	19.0	12.0	OCT				
JUN					01...	0950	22	15.5	15.5
02...	0830	39	--	20.0	NOV				
JUL					04...	0950	108	8.0	9.0
13...	1140	1.8	30.5	29.5	DEC				
AUG					19...	0945	270	0.0	-1.0
24...	0930	0.27	--	23.5	JAN 1970				
OCT					21...	1400	216	-14.0	0.0
13...	1055	105	15.0	--	MAR				
NOV					13...	1030	445	-1.0	1.0
23...	1110	136	9.0	6.5	APR				
MAR 1966					20...	1600	337	--	15.0
15...	1420	268	--	10.5					
JUL									
15...	1145	9.8	--	27.0					

## WHEELING CREEK BASIN

03112000 WHEELING CREEK AT ELM GROVE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1970						
17...	1530	421	--	--	25.0	23.5
AUG						
27...	1500	46	485	--	28.5	26.5
OCT						
22...	1840	462	--	--	15.0	14.0
DEC						
04...	1200	434	--	--	5.0	4.0
JAN 1971						
15...	0930	511	--	--	0.0	4.0
APR						
05...	1025	148	--	--	6.0	8.0
MAY						
17...	1755	385	--	--	24.0	20.0
JUN						
29...	1300	16	--	--	33.0	31.0
AUG						
10...	1410	7.8	--	--	26.0	27.0
SEP						
21...	1415	114	--	--	26.0	19.0
NOV						
02...	1245	21	--	--	23.0	19.0
JAN 1972						
10...	1430	89	--	--	10.0	5.0
FEB						
22...	1410	708	220	8.60	8.0	6.0
APR						
03...	1115	312	--	--	10.0	7.0
MAY						
16...	1130	145	500	8.50	22.0	17.0
JUN						
12...	1300	30	--	--	19.0	25.0
JUL						
11...	1200	215	245	9.00	32.0	20.0
AUG						
08...	1130	65	420	8.00	23.5	21.0
SEP						
12...	1230	6.3	--	--	27.0	18.0
OCT						
17...	1200	48	400	8.10	11.5	12.5
NOV						
13...	1300	155	--	8.10	6.5	7.5
DEC						
11...	1230	1290	--	8.60	6.0	7.0
JAN 1973						
09...	1245	196	--	7.80	-3.5	2.0
FEB						
13...	1200	228	285	8.00	9.5	0.0
MAR						
12...	1530	374	--	--	11.0	11.0
MAY						
14...	1315	467	245	8.20	27.0	14.5
JUL						
16...	1110	18	440	8.00	27.0	25.0
AUG						
14...	1205	8.8	740	6.90	23.0	25.0
OCT						
02...	1415	136	340	7.80	20.0	19.0
NOV						
30...	1230	282	--	--	8.0	8.5
FEB 1974						
01...	1300	105	165	7.10	6.0	7.5
04...	1140	142	180	6.80	1.0	6.0
MAR						
04...	1045	301	360	8.00	9.0	6.5

# WHEELING CREEK BASIN

03112000 WHEELING CREEK AT ELM GROVE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
APR 1974							
02...	1120	1530	--	8.50	7.5	5.0	--
29...	1135	268	280	8.30	29.0	13.0	--
MAY							
28...	1330	118	--	8.00	14.0	12.5	--
JUN							
27...	1305	398	255	7.90	22.0	18.0	--
JUL							
22...	1300	24	--	6.20	27.0	21.0	--
AUG							
19...	1115	16	--	6.40	29.0	21.0	--
SEP							
18...	1415	173	--	8.70	27.0	19.0	6.1
OCT							
15...	1410	55	490	8.00	18.0	14.0	--
NOV							
11...	1115	100	260	7.70	15.0	9.0	--
DEC							
16...	1250	870	--	8.50	4.0	5.5	--
JAN 1975							
14...	1240	293	--	--	20.0	0.5	--
MAR							
18...	1120	692	--	--	10.5	2.0	--
JUN							
10...	1100	116	--	--	18.0	17.5	--
AUG							
11...	1140	27	540	7.50	23.0	21.5	5.7

## LITTLE GRAVE CREEK BASIN

03113700 LITTLE GRAVE CREEK NEAR GLENDALE, WV

LOCATION.--Lat 39°57'50", long 80°42'04", Marshall County, Hydrologic Unit 05030106, on right bank 0.1 mi downstream from Brandau Hollow, 2.9 mi northeast of Glendale, and at mile 6.1.

DRAINAGE AREA.--4.97 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1969 to September 1977.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1970						
30...	1500	20	--	--	-5.0	0.0
MAR						
12...	1630	6.3	--	--	-1.0	1.0
APR						
03...	1038	31	292	6.80	5.0	8.0
20...	1440	7.0	350	8.50	--	15.5
JUL						
17...	1215	4.0	--	--	22.5	20.5
AUG						
22...	1310	0.41	--	--	34.5	27.0
OCT						
22...	1700	2.6	--	--	18.0	15.0
DEC						
04...	0830	6.3	--	--	-7.0	1.5
JAN 1971						
14...	1525	9.6	--	--	2.5	4.0
FEB						
22...	1100	167	--	--	12.5	6.0
APR						
05...	1230	2.8	--	--	9.0	11.0
MAY						
17...	1515	6.9	--	--	27.0	21.0
JUN						
29...	1050	0.26	--	--	30.0	25.0
AUG						
10...	1845	0.14	--	--	24.0	25.0
SEP						
21...	1645	2.0	--	--	26.0	18.0
DEC						
06...	1630	53	--	--	18.0	8.0
JAN 1972						
27...	1630	4.6	--	--	-5.0	0.0
FEB						
22...	1630	10	--	--	6.0	5.0
MAR						
14...	1230	13	--	--	4.0	5.0
16...	1430	1.7	--	--	22.0	17.0
APR						
03...	1500	5.0	--	--	7.0	8.0
MAY						
16...	1430	1.7	--	--	22.0	17.0
JUN						
12...	1615	0.20	--	--	30.0	25.0
JUL						
11...	1415	1.8	--	--	31.0	19.0
AUG						
08...	1400	0.90	--	7.80	24.0	20.0
OCT						
17...	1715	0.69	400	8.20	11.0	12.0
NOV						
13...	1500	2.9	--	8.00	7.0	7.5
DEC						
11...	1420	8.4	--	--	6.0	7.0

# LITTLE GRAVE CREEK BASIN

03113700 LITTLE GRAVE CREEK NEAR GLENDALE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLDW, INSTAN- TANEDUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
JAN 1973							
09...	1400	6.8	--	--	-3.0	2.0	--
FEB							
13...	1400	9.6	360	8.00	10.0	2.0	--
MAR							
12...	1600	5.5	--	--	11.0	9.0	--
JUN							
18...	1420	3.1	375	8.00	27.0	21.0	--
JUL							
16...	1330	0.30	415	8.90	28.0	27.0	--
SEP							
10...	1300	0.27	350	7.90	26.0	24.0	--
OCT							
02...	1500	2.3	365	8.00	20.0	18.5	--
29...	1430	3.1	320	7.90	9.0	10.5	--
NOV							
30...	1035	5.4	325	7.90	9.0	7.5	--
JAN 1974							
02...	1440	6.1	340	8.00	-2.5	1.5	--
FEB							
04...	1315	2.5	--	7.20	1.5	5.0	--
MAR							
04...	1315	4.4	320	7.90	9.0	6.0	--
APR							
02...	1435	13	--	8.10	8.5	5.0	--
29...	1400	2.0	340	8.10	29.5	11.0	--
MAY							
28...	1610	1.6	--	7.60	13.5	13.0	--
JUN							
27...	1530	5.1	340	8.00	25.0	20.0	--
AUG							
19...	1240	0.23	--	--	27.0	22.0	--
SEP							
18...	1145	2.3	--	--	22.0	15.0	--
OCT							
15...	1630	1.2	--	--	17.0	12.0	--
NOV							
11...	1325	1.3	--	--	28.0	12.0	--
DEC							
16...	1710	13	--	--	3.5	5.5	--
JAN 1975							
14...	1630	5.9	--	--	-4.0	0.5	--
FEB							
10...	1410	16	--	--	-2.0	0.5	--
MAR							
06...	1330	5.5	650	8.00	11.0	5.0	--
18...	1445	11	--	--	10.0	2.0	--
MAY							
12...	1415	3.9	--	--	23.0	16.5	--
JUN							
10...	1455	0.89	--	9.00	29.0	24.5	--
AUG							
11...	1330	1.3	400	8.00	26.0	20.5	8.2
SEP							
10...	1235	3.6	280	8.00	30.0	17.0	7.7

## MIDDLE ISLAND CREEK BASIN

03114500 MIDDLE ISLAND CREEK AT LITTLE, WV

LOCATION.--Lat 39°28'30", long 80°59'50", Tyler County, Hydrologic Unit 05030201, on right bank at downstream side of highway bridge at Little, 0.1 mi upstream from Stewarts Run, 5.0 mi west of Middlebourne, and at mile 24.5.

DRAINAGE AREA.--458 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--May 1915 to September 1916, October 1916 to September 1922 (gage heights only), October 1928 to current year.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1945					SEP 1948				
25...	1445	15600	18.5	19.0	07...	1505	11	28.0	25.0
DEC					OCT				
04...	0940	575	3.5	4.5	05...	0910	16	10.5	11.5
JAN 1946					NOV				
08...	1050	6980	9.0	7.0	02...	0900	21	14.5	10.0
MAY					DEC				
07...	0930	488	17.0	15.5	01...	1300	929	14.5	6.0
JUN					FEB 1949				
04...	0930	1510	17.0	15.0	08...	1010	726	-6.0	2.0
JUL					APR				
08...	1635	25	30.0	29.0	05...	0935	299	2.5	10.0
AUG					MAY				
06...	1220	8.2	19.5	24.0	03...	1000	245	21.5	18.0
SEP					JUN				
03...	0925	4.4	13.5	17.0	08...	1340	34	27.5	24.5
OCT					JUL				
03...	0900	0.74	7.5	11.5	05...	1455	37	29.5	29.5
NOV					AUG				
07...	1140	15	12.0	12.5	02...	1230	81	29.5	26.0
DEC					SEP				
03...	1025	58	-1.0	2.5	06...	1310	20	20.0	23.5
FEB 1947					OCT				
04...	1000	406	-10.0	2.0	14...	1230	1.1	17.5	17.0
MAR					NOV				
05...	1025	172	-3.0	0.0	08...	1030	45	16.0	11.0
APR					DEC				
02...	1020	367	7.0	9.0	09...	1340	148	-1.0	0.5
MAY					MAR 1950				
08...	1245	329	7.0	11.5	07...	0945	284	10.5	4.5
JUN					APR				
11...	1010	408	29.0	22.5	13...	1040	234	-3.0	6.0
17...	1610	126	21.5	22.5	MAY				
20...	1120	63	24.0	21.0	11...	1620	208	16.0	18.0
JUL					JUN				
10...	1000	12	--	22.5	06...	0915	85	20.0	17.5
AUG					JUL				
05...	0835	117	28.5	24.5	11...	1540	115	26.0	24.0
SEP					SEP				
02...	0845	34	23.0	24.0	14...	1700	95	22.5	22.5
OCT					20...	1410	53	21.5	20.5
06...	1740	11	17.0	16.5	26...	0950	179	22.5	20.0
NOV					NOV				
04...	1300	103	13.5	11.5	14...	1110	177	-0.5	3.0
DEC					APR 1951				
02...	1215	104	9.5	1.5	18...	0910	604	4.5	7.5
JAN 1948					JUN				
06...	1100	539	0.5	3.0	13...	0955	344	26.5	20.0
FEB					JUL				
03...	1430	109	6.5	0.5	17...	1540	60	29.5	22.5
MAR					SEP				
02...	1130	719	12.5	8.0	11...	0930	8.7	25.5	22.5
APR					OCT				
06...	1120	533	20.5	12.5	02...	0900	2.5	15.5	16.5
MAY					NOV				
04...	1015	2530	15.0	13.0	06...	1505	10	15.0	6.0
JUN					DEC				
04...	0835	64	21.0	20.0	12...	0915	582	-1.0	2.5
JUL									
07...	1105	53	24.5	25.5					

## MIDDLE ISLAND CREEK BASIN

03114500 MIDDLE ISLAND CREEK AT LITTLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	DIS- CHARGE, IN CUBIC FEET PER SECOND	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	DIS- CHARGE, IN CUBIC FEET PER SECOND	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1952					JAN 1956				
15...	0905	--	15.5	5.5	16...	1615	--	1.5	0.5
FEB					AUG				
26...	1445	--	10.0	4.5	28...	1645	--	25.5	24.0
MAY					SEP				
20...	1545	--	18.0	--	25...	1555	--	18.5	16.0
JUL					NOV				
08...	1510	--	33.0	28.0	13...	1700	--	9.5	9.0
AUG					MAR 1957				
19...	1515	--	29.5	26.0	05...	1810	--	9.0	5.5
SEP					JUL				
16...	1315	--	28.0	23.5	02...	1510	--	25.5	25.0
OCT					AUG				
28...	0845	--	8.0	8.5	06...	1700	--	24.0	25.5
DEC					SEP				
09...	1345	--	16.5	5.5	04...	1320	--	30.0	25.5
JAN 1953					OCT				
20...	1315	--	9.0	5.5	08...	1545	--	21.5	16.0
MAR					DEC				
10...	1245	--	6.5	4.0	12...	1545	--	-7.0	0.0
JUN					SEP 1958				
02...	1150	--	22.5	21.5	25...	1320	--	26.5	18.5
JUL					OCT				
14...	1015	--	24.5	23.5	07...	1520	--	24.0	14.5
AUG					21...	1045	--	21.0	14.5
19...	1105	--	25.5	23.0	NOV				
SEP					18...	0820	--	11.5	12.5
15...	0805	--	14.5	13.5	MAR 1959				
OCT					23...	1635	--	10.0	4.5
05...	1610	--	18.5	19.5	MAY				
NOV					05...	1210	--	25.0	5.0
02...	1600	--	25.0	12.5	JUN				
DEC					16...	1015	--	22.5	4.5
07...	1545	--	8.5	5.5	JUL				
JAN 1954					28...	1355	--	33.5	29.0
05...	0830	--	-1.0	1.0	FEB 1960				
FEB					24...	1330	--	3.5	2.5
01...	1720	--	4.5	1.0	JUN				
APR					22...	0950	--	25.5	23.0
06...	0855	--	24.0	6.0	AUG				
JUL					02...	1415	--	28.0	26.5
07...	0835	--	22.5	24.0	DEC				
SEP					05...	1550	--	20.0	1.5
13...	1640	--	26.5	23.0	APR 1961				
OCT					19...	0915	--	11.5	8.0
04...	1730	--	25.5	23.5	JUL				
NOV					03...	1410	--	28.0	25.0
09...	0850	--	5.0	0.0	AUG				
DEC					14...	1715	--	25.5	21.5
06...	1620	--	-3.0	1.0	SEP				
JAN 1955					25...	1445	--	25.0	24.0
04...	1455	--	8.0	6.0	NOV				
MAR					01...	1650	--	19.5	13.0
29...	1155	--	5.5	4.5	DEC				
APR					04...	1400	--	9.5	5.5
05...	1215	--	18.0	12.5	MAY 1962				
MAY					09...	1010	--	13.0	16.0
03...	1350	--	28.5	18.0	JUL				
JUN					25...	1520	--	29.5	24.0
06...	1215	--	25.5	22.0	NOV				
JUL					14...	0920	--	3.5	6.5
12...	1240	--	30.0	23.5	DEC				
AUG					18...	1005	--	--	0.0
09...	1325	--	26.5	22.5	JUL 1963				
SEP					15...	1435	--	--	25.5
07...	0830	--	24.0	23.5	AUG				
OCT					26...	1615	--	--	24.0
17...	1510	--	5.0	13.0					

MIDDLE ISLAND CREEK BASIN  
03114500 MIDDLE ISLAND CREEK AT LITTLE, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
DCT 1963				
07...	1750	3.4	--	17.5
NDV				
11...	1700	4.5	--	9.0
DEC				
05...	1740	113	--	3.0
MAY 1964				
20...	0825	68	--	21.0
JUL				
06...	1620	40	--	25.5
AUG				
17...	1740	31	--	23.0
NDV				
05...	1315	6.7	18.5	11.0
JAN 1965				
20...	0830	230	-2.0	1.0
APR				
21...	1015	850	19.5	11.5
JUL				
13...	1725	134	25.5	24.0
AUG				
23...	1925	3.6	--	25.0
OCT				
13...	0800	79	6.0	11.0
NDV				
23...	0815	56	8.0	5.5
DEC				
28...	1040	39	--	4.0
MAR 1966				
15...	0950	300	--	8.5
JUN				
14...	1325	16	--	24.5
JUL				
15...	1515	3.1	--	26.5
AUG				
24...	0920	2.4	--	21.5
SEP				
20...	1325	0.29	--	20.5
OCT				
28...	0815	2.6	-1.0	3.5
DEC				
16...	1530	176	9.5	2.5
JAN 1967				
25...	1115	52	18.5	5.0
MAR				
08...	1400	5270	4.0	1.0
APR				
20...	1000	449	15.5	6.5
JUL				
27...	1505	5.5	28.5	21.0
SEP				
19...	1600	1.3	28.0	23.0
NDV				
02...	1530	30	10.0	10.5
DEC				
15...	0815	206	-2.0	0.0
JAN 1968				
19...	0830	135	-1.0	0.0
MAR				
04...	1345	40	8.0	0.0
APR				
16...	0845	410	6.0	6.0
MAY				
27...	1730	1840	10.0	9.5



## MIDDLE ISLAND CREEK BASIN

03114500 MIDDLE ISLAND CREEK AT LITTLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1968						
01...	1240	67	--	--	33.0	28.5
AUG						
12...	1335	641	--	--	29.5	22.5
SEP						
23...	1340	22	--	--	28.5	24.0
NOV						
05...	1115	26	--	--	17.5	11.5
JAN 1969						
28...	1550	243	--	--	4.0	1.0
MAR						
11...	1630	66	--	--	-3.0	1.5
APR						
23...	1415	582	--	--	7.0	5.0
MAY						
26...	1645	60	--	--	21.0	20.5
AUG						
19...	1540	63	--	--	26.5	26.0
OCT						
01...	1500	16	--	--	21.5	19.0
NOV						
04...	1445	29	--	--	9.5	9.5
DEC						
18...	1220	214	--	--	-2.0	-1.0
JAN 1970						
30...	0830	3670	--	--	-6.0	0.0
MAR						
11...	1715	328	--	--	-1.0	4.0
APR						
20...	1050	296	150	7.90	--	15.0
JUN						
09...	1100	67	290	7.30	26.0	24.0
JUL						
17...	0745	816	--	--	7.5	14.5
AUG						
27...	1835	94	--	--	25.5	24.0
OCT						
21...	1630	106	--	--	14.5	12.5
DEC						
03...	1115	159	--	--	10.0	5.0
JAN 1971						
13...	1330	251	--	--	4.0	1.0
APR						
05...	1800	123	--	--	9.0	9.0
MAY						
19...	1000	524	--	--	19.0	19.0
JUN						
28...	1435	11	--	--	33.0	30.0
AUG						
11...	1000	75	--	--	26.0	24.0
SEP						
22...	1030	420	--	--	22.0	16.0
NOV						
03...	1030	1800	--	--	14.0	16.0
DEC						
07...	1300	3150	--	--	18.0	8.0
JAN 1972						
11...	1130	2250	--	--	9.0	6.0
FEB						
23...	1200	2330	--	--	5.0	4.0
MAY						
17...	1110	914	260	7.50	16.0	16.0
JUN						
13...	1030	30	--	--	28.0	21.0

## MIDDLE ISLAND CREEK BASIN

03114500 MIDDLE ISLAND CREEK AT LITTLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1972						
12...	1030	0.59	200	7.30	24.5	22.0
AUG						
09...	1000	136	--	--	22.0	20.5
SEP						
13...	0830	6.8	--	--	26.0	16.0
OCT						
18...	1130	17	--	--	9.0	11.0
NOV						
14...	1300	162	--	7.40	11.5	10.0
JAN 1973						
10...	1230	235	--	--	-3.0	2.0
FEB						
14...	1115	396	140	7.30	5.0	1.5
MAR						
13...	1100	407	--	--	15.0	11.0
MAY						
15...	1345	290	175	6.80	23.0	15.0
JUN						
19...	0945	39	280	6.60	27.0	22.0
JUL						
17...	0845	9.2	460	7.10	24.0	22.0
AUG						
15...	0935	26	--	--	22.0	23.5
SEP						
10...	1545	3.7	420	6.80	19.0	21.0
JAN 1974						
03...	0945	607	185	7.60	--	--
FEB						
05...	1145	189	230	7.20	-3.0	5.0
MAR						
05...	1230	688	320	7.20	7.0	6.0
APR						
29...	1825	140	300	7.40	28.0	11.5
MAY						
29...	1010	91	--	--	14.5	12.0
JUN						
28...	1220	504	120	7.00	20.0	18.0
JUL						
23...	1000	190	--	6.60	28.0	21.0
AUG						
20...	1100	270	--	--	27.5	20.5
SEP						
17...	1510	204	--	7.00	30.0	20.0
OCT						
16...	1345	39	280	7.00	10.0	--
NOV						
12...	1015	148	--	6.90	9.5	10.0
DEC						
17...	1400	2200	--	--	4.5	5.0
JAN 1975						
15...	1235	294	--	--	-1.0	1.0
FEB						
11...	1115	569	--	--	-1.5	1.0
MAY						
13...	1145	233	--	--	16.0	11.5
JUN						
11...	1035	202	--	--	16.0	17.5
AUG						
12...	1115	31	--	--	29.0	25.0
SEP						
11...	0950	52	155	7.00	22.0	21.0

## MIDDLE ISLAND CREEK BASIN

03114650 BUFFALO RUN NEAR LITTLE, WV

LOCATION.--Lat 39°29'13", long 81°00'27", Tyler County, Hydrologic Unit 05030201,  
on left bank 1.0 mi northwest of Little, and at mile 1.2.

DRAINAGE AREA.--4.21 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--January 1969 to September 1977.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLDW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1969						
28...	1655	2.3	--	--	2.5	0.0
MAR						
11...	1725	0.45	--	--	-4.5	1.0
APR						
23...	1545	3.6	--	--	8.0	6.5
MAY						
26...	1930	0.16	--	--	21.0	21.5
DCT						
01...	1605	0.01	--	--	21.5	19.5
NOV						
04...	1645	0.22	--	--	7.0	9.5
DEC						
18...	1430	0.92	--	--	1.0	0.0
JAN 1970						
29...	1055	99	--	--	10.0	10.0
MAR						
11...	1800	1.7	--	--	1.0	2.0
APR						
20...	1150	4.8	190	7.10	--	15.0
JUN						
09...	1200	0.48	285	7.40	26.0	24.0
JUL						
16...	1655	0.92	--	--	24.0	27.5
OCT						
22...	1015	3.3	--	--	15.5	13.5
DEC						
03...	1315	1.8	--	--	12.0	5.5
JAN 1971						
14...	0945	65	--	--	11.5	4.0
FEB						
23...	1120	22	--	--	3.5	4.0
APR						
05...	1530	0.42	--	--	15.0	12.0
MAY						
19...	1145	2.4	--	--	20.0	19.0
JUN						
28...	1620	0.02	--	--	33.0	32.0
SEP						
22...	1300	0.58	--	--	26.0	17.0
NOV						
03...	1520	2.4	--	--	15.0	14.0
DEC						
07...	1345	87	--	--	18.0	9.0
FEB 1972						
23...	1315	6.3	100	7.60	6.0	1.0
JUL						
11...	2040	0.65	--	7.50	25.0	20.0
AUG						
09...	0845	0.28	--	7.20	20.0	19.0
OCT						
18...	1015	0.32	--	--	9.0	11.0
NOV						
14...	1115	15	--	7.40	12.0	10.5
DEC						
12...	1300	24	--	--	10.0	9.0

## MIDDLE ISLAND CREEK BASIN

03114650 BUFFALO RUN NEAR LITTLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1973						
10...	1045	0.94	--	--	-3.0	2.0
MAR						
13...	1230	1.9	--	--	20.0	13.0
MAY						
15...	1155	1.1	290	7.30	17.5	13.0
JUN						
19...	0840	0.10	340	6.90	22.5	21.0
JUL						
16...	1945	0.17	175	7.00	27.0	22.0
AUG						
15...	0820	2.2	160	7.30	22.0	19.0
NOV						
29...	0950	7.8	135	7.00	7.5	8.0
JAN 1974						
03...	0935	1.6	730	7.60	-1.0	4.5
FEB						
05...	1015	0.50	110	7.10	-2.5	3.0
MAR						
05...	0915	5.8	195	7.50	6.0	6.0
APR						
03...	0850	16	--	7.60	6.0	5.0
29...	1615	0.51	230	7.30	28.0	12.0
MAY						
29...	0910	7.5	--	7.20	15.0	12.0
JUN						
28...	1045	3.9	200	7.20	21.0	17.0
JUL						
23...	0830	0.28	--	--	--	--
AUG						
20...	0900	0.25	--	--	22.0	20.0
SEP						
17...	1700	0.32	--	--	32.0	23.0
OCT						
16...	1005	9.1	--	--	13.0	11.0
NOV						
12...	0850	4.7	370	7.00	10.0	9.5
DEC						
17...	1145	8.1	--	--	4.0	4.5
JAN 1975						
15...	1035	3.3	--	--	-1.0	1.5
FEB						
11...	0955	4.7	--	6.80	-1.5	0.5
MAR						
07...	1410	20	330	6.80	12.5	5.0
MAY						
13...	1015	2.0	--	--	14.5	11.0
JUN						
11...	0925	1.1	--	--	16.5	18.0
AUG						
12...	0945	0.14	--	--	22.0	21.5
SEP						
10...	1525	0.22	160	7.50	31.0	24.0

# LITTLE KANAWHA RIVER BASIN

03151400 LITTLE KANAWHA RIVER NEAR WILDCAT, WV

LOCATION.--Lat 38°44'35", long 80°31'36", Braxton County, Hydrologic Unit 05030203, on right bank on State Secondary Route 24/1, 200 ft upstream from footbridge at Gregory, 3.9 mi west of Wildcat, and at mile 138.6.

DRAINAGE AREA.--112 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--December 1973 to September 1983.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1974						
22...	1100	130	--	--	10.0	8.0
FEB						
19...	1400	218	--	--	19.0	5.0
APR						
22...	1040	95	--	--	21.0	14.5
JUN						
02...	1330	3850	--	--	17.0	14.0
26...	1100	237	--	--	17.0	15.0
JUL						
29...	1035	22	--	--	25.0	23.0
AUG						
19...	1045	22	--	--	20.0	20.5
SEP						
25...	1125	23	--	--	16.5	14.0
OCT						
22...	1045	34	--	--	7.0	4.5
NOV						
18...	1350	136	--	--	7.0	5.0
DEC						
16...	1205	398	50	--	6.0	5.0
JAN 1975						
24...	1030	279	--	--	5.5	2.5
FEB						
24...	1600	202	--	--	7.0	10.0
MAR						
28...	1020	241	--	7.90	4.5	5.0
APR						
21...	1550	193	50	8.20	16.0	12.0
MAY						
19...	1100	204	<50	--	26.0	19.0
JUN						
23...	1200	60	50	8.10	26.0	23.5
AUG						
04...	1220	2.0	80	7.00	32.0	27.0
SEP						
03...	1330	8.4	80	7.10	23.5	24.5

## LITTLE KANAWHA RIVER BASIN

03151500 LITTLE KANAWHA RIVER NEAR BURNSVILLE, WV

LOCATION.--Lat 38°49'25", long 80°35'35", Braxton County, on left bank at downstream side of bridge on State Highway 5, 0.1 mi downstream from Knawl Creek, 4.0 mi southeast of Burnsville, and at mile 126.9.

DRAINAGE AREA.--155 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1937 to September 1973. Monthly discharge only for some periods, published in WSP 1305.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLDW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					JUN 1950				
17...	1610	52	26.5	22.5	23...	1210	398	28.0	20.5
AUG					SEP				
10...	1055	35	28.5	25.0	08...	1400	118	22.5	19.0
OCT					18...	1515	98	29.0	16.5
12...	1745	152	16.0	11.5	NOV				
APR 1946					21...	0715	1450	0.0	4.0
12...	1150	80	10.0	11.0	JAN 1951				
JUN					03...	0855	198	14.0	2.0
06...	1650	116	20.0	20.0	FEB				
AUG					13...	1110	467	16.5	8.0
15...	1655	2.2	25.5	22.0	APR				
SEP					19...	0745	228	20.0	10.5
13...	1555	0.85	24.0	23.5	JUL				
26...	1255	6.8	25.5	21.0	25...	1600	34	28.5	26.5
OCT					AUG				
13...	1135	2.9	17.0	14.0	27...	1630	1.0	21.5	22.5
NOV					SEP				
08...	1245	8.2	14.0	12.0	28...	1140	3.2	15.0	17.5
21...	1010	36	3.0	4.5	OCT				
DEC					18...	1715	1.7	26.0	17.0
19...	1030	62	-6.5	1.0	DEC				
JAN 1947					22...	1300	785	1.5	--
17...	1050	2160	3.0	5.5	JAN 1952				
APR					28...	1530	4200	1.0	--
20...	1830	106	23.5	16.5	MAY				
MAY					23...	1830	223	21.0	--
21...	1320	255	25.0	19.0	NOV				
JUN					20...	1200	12	13.0	10.0
05...	1125	55	24.0	19.5	DEC				
JUL					18...	1140	102	7.0	1.0
16...	1440	49	23.5	27.0	JAN 1953				
AUG					30...	1255	536	14.0	6.0
26...	1600	9.7	29.0	24.0	MAR				
SEP					11...	1530	223	15.5	5.5
25...	1600	35	21.0	18.5	15...	1335	309	9.0	12.0
OCT					JUN				
24...	1140	4.9	22.5	16.0	05...	0800	25	28.5	21.0
AUG 1948					JUL				
05...	1205	439	17.0	20.0	16...	1440	3.7	33.5	29.0
SEP					SEP				
14...	1830	72	26.0	22.0	24...	1310	0.50	22.0	20.0
APR 1949					OCT				
28...	1800	425	17.5	15.0	21...	1630	0.04	30.0	18.5
JUN					NOV				
09...	1650	14	30.0	24.5	16...	1130	<0.01	24.5	6.5
SEP					DEC				
20...	0955	70	21.0	20.0	17...	1440	78	-6.5	0.5
OCT					JAN 1954				
19...	1000	101	13.5	15.5	22...	1050	292	7.5	3.5
NOV					FEB				
15...	1430	87	12.0	10.0	17...	1550	134	3.5	8.0
JAN 1950					MAR				
24...	0720	232	16.0	8.0	18...	1600	285	21.0	5.5
MAR					MAY				
30...	1220	437	6.5	6.5	21...	0810	154	11.0	12.0
APR					JUN				
27...	1145	435	26.0	14.0	18...	1050	156	23.0	21.0
MAY									
26...	1535	434	21.5	17.0					

# LITTLE KANAWHA RIVER BASIN

03151500 LITTLE KANAWHA RIVER NEAR BURNSVILLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEGUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEGUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
AUG 1954					JUL 1961				
13...	1100	59	21.0	21.0	13...	1125	34	--	23.0
NOV					SEP				
17...	1300	72	17.0	9.5	15...	1250	17	--	22.0
APR 1955					OCT				
14...	1425	84	25.5	18.0	09...	1200	60	28.5	17.0
MAY					OCT 1962				
12...	1420	69	24.0	20.0	02...	1200	71	28.5	15.0
JUL					DEC				
14...	1205	13	28.5	26.5	10...	1225	99	-6.5	0.5
AUG					JAN 1963				
18...	1300	14	28.0	25.5	30...	1005	113	--	0.0
SEP					FEB				
08...	1610	1.4	26.5	25.5	18...	1250	193	--	0.0
OCT					MAR				
11...	0830	12	11.0	15.0	15...	1250	385	--	6.0
NOV					AUG				
15...	0935	46	18.5	13.0	22...	1050	47	--	23.0
DEC					OCT				
12...	1515	36	1.5	0.5	28...	1430	0.40	--	16.0
MAR 1956					DEC				
13...	0800	1240	4.5	6.0	02...	1100	237	0.0	--
APR					MAY 1964				
12...	0830	326	11.0	8.5	12...	0945	33	21.0	--
JUN					OCT				
13...	1500	44	32.0	25.5	05...	1140	36	--	15.5
JUL					NOV				
19...	0750	69	24.5	22.0	16...	1110	5.8	--	11.0
AUG					JUN 1965				
17...	1245	79	30.5	25.0	01...	1035	8.8	--	19.0
SEP					JUL				
13...	0830	39	20.5	19.0	12...	1115	128	--	23.0
NOV					AUG				
09...	0925	100	4.5	10.5	09...	1040	0.78	--	24.5
JAN 1957					SEP				
17...	1555	110	-6.5	0.5	13...	1050	3.4	--	22.0
MAY					OCT				
10...	0945	36	20.5	20.0	18...	1110	7.0	14.0	--
SEP					NOV				
09...	0840	0.02	23.0	20.5	30...	0950	34	--	2.0
DEC					DEC				
16...	1720	186	7.0	--	20...	1150	17	--	2.0
JUN 1958					FEB 1966				
19...	1450	291	24.5	19.0	07...	1210	87	--	0.0
NOV					JUN				
04...	1315	162	--	9.5	29...	0940	2.1	--	26.5
DEC					JUL				
18...	1230	48	1.0	0.5	29...	1100	2.7	--	25.5
JUN 1959					AUG				
18...	1215	15	--	19.0	31...	1000	4.9	--	21.5
AUG					SEP				
25...	1805	38	31.5	29.0	26...	1545	32	19.0	16.0
NOV					NOV				
18...	1045	415	-8.0	--	02...	1600	18	--	9.5
JAN 1960					DEC				
21...	1035	459	-9.0	--	13...	0930	417	0.0	3.5
MAR					JAN 1967				
23...	1600	238	--	3.0	23...	0939	87	15.5	2.0
JUN					FEB				
09...	1400	18	--	23.0	28...	1330	704	3.5	1.5
JUL					MAR				
29...	0945	26	--	24.5	15...	1550	6760	-2.0	2.0
AUG					APR				
31...	1135	5.9	--	26.0	18...	1045	484	14.5	5.5
OCT					AUG				
06...	1115	9.9	--	15.5	03...	1410	18	29.0	24.5
DEC									
20...	1145	77	--	0.0					

# LITTLE KANAWHA RIVER BASIN

03151500 LITTLE KANAWHA RIVER NEAR BURNSVILLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1967						
21...	1200	1.1	--	--	25.5	20.5
DCT						
30...	1120	67	--	--	13.0	5.5
DEC						
11...	1225	699	--	--	8.5	7.5
FEB 1968						
21...	1010	46	--	--	--	0.0
JUN						
24...	1150	20	--	--	--	24.0
AUG						
19...	1620	66	--	--	29.0	26.0
OCT						
01...	1240	1.5	--	--	25.0	16.0
NOV						
12...	1155	105	--	--	--	7.0
DEC						
16...	1015	215	--	--	11.0	3.0
JAN 1969						
27...	1115	150	--	--	21.0	3.0
MAR						
17...	1035	113	--	--	10.0	3.0
JUL						
15...	1535	132	46	--	25.0	23.0
AUG						
22...	1220	168	47	--	23.0	19.0
SEP						
23...	0950	31	58	7.65	21.0	21.0
OCT						
27...	1235	48	70	7.60	9.0	9.0
FEB 1970						
26...	1115	142	50	7.50	-5.0	1.0
MAR						
24...	1000	277	52	7.20	2.0	5.0
APR						
20...	1015	229	56	7.50	18.0	13.0
MAY						
19...	1000	125	56	7.50	15.0	16.0
JUN						
23...	0825	37	65	7.30	12.5	19.0
JUL						
21...	0855	59	58	6.80	14.0	20.5
AUG						
18...	1200	6.4	80	7.50	27.0	25.0
SEP						
30...	1105	93	58	7.50	17.0	14.0
NOV						
02...	1200	142	72	7.10	23.5	14.0
16...	1200	376	52	7.40	4.0	5.5
FEB 1971						
23...	1140	555	150	7.00	2.0	8.0
MAR						
24...	1100	657	50	6.70	-2.0	3.0
MAY						
25...	1600	71	65	7.00	23.0	20.0
AUG						
24...	1030	32	--	--	13.0	20.0
SEP						
21...	1325	520	--	--	22.0	18.5
NOV						
16...	1100	59	--	--	15.0	10.0
DEC						
14...	1105	195	--	--	9.0	6.5
JAN 1972						
18...	1130	256	--	--	12.0	0.0



# LITTLE KANAWHA RIVER BASIN

03151500 LITTLE KANAWHA RIVER NEAR BURNSVILLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
FEB 1972				
23...	1045	1090	-2.0	1.5
MAR				
21...	1115	293	22.0	8.0
APR				
18...	1420	797	--	10.0
MAY				
23...	1040	133	24.5	18.0
JUN				
21...	1010	33	21.5	21.0
JUL				
18...	1420	40	30.5	24.5
AUG				
22...	1040	126	25.0	21.0
SEP				
19...	1040	13	--	21.5
OCT				
18...	0920	70	4.0	10.5
NOV				
21...	1100	711	--	6.0
DEC				
26...	1030	390	--	8.0
JAN 1973				
22...	1100	333	11.0	2.0
FEB				
20...	1130	277	--	2.0
MAR				
27...	1630	603	--	10.0
MAY				
23...	1445	103	19.0	16.0
OCT				
16...	1050	50	14.5	15.0
DEC				
17...	1300	491	-2.0	2.0
JAN 1974				
21...	1830	171	14.0	19.0
FEB				
19...	1320	265	14.0	4.0
MAR				
18...	1115	406	1.0	3.5
APR				
22...	1300	130	20.0	13.5

# LITTLE KANAWHA RIVER BASIN

03151600 LITTLE KANAWHA RIVER AT BURNSVILLE, WV

LOCATION.--Lat 38°51'55", long 80°40'32", Braxton County, Hydrologic Unit 05030203, on right bank 70 ft upstream from Buffalo Creek, 1.0 mi northwest of Burnsville, 1.4 mi downstream from Oil Creek, and at mile 119.5.

DRAINAGE AREA.--248 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--April 1974 to September 1978, October 1978 to September 1983 (gage heights, discharge measurements, and annual maximum discharge only).

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAY 1974						
28...	1325	121	--	--	24.0	16.0
JUN						
02...	1320	6620	--	--	17.0	14.5
26...	1515	555	--	--	23.0	17.0
JUL						
29...	1300	40	--	--	30.0	27.0
AUG						
19...	1245	37	--	--	29.0	28.0
SEP						
25...	1245	36	--	--	23.5	14.0
OCT						
22...	0905	53	--	--	6.5	3.0
NOV						
18...	1515	200	--	--	9.0	5.0
DEC						
16...	1520	879	--	--	5.0	5.0
MAR 1975						
26...	0930	837	--	7.30	7.0	8.0
APR						
21...	1740	256	75	7.10	17.0	14.0
MAY						
19...	1315	754	50	--	26.0	17.0
JUN						
23...	1430	145	75	--	28.0	27.0
AUG						
04...	1630	3.5	110	7.50	29.0	30.5
SEP						
03...	1710	25	150	7.20	26.0	27.0

## LITTLE KANAWHA RIVER BASIN

03152000 LITTLE KANAWHA RIVER AT GLENVILLE, WV

LOCATION.--Lat 38°56'00", long 80°50'20", Gilmer County, Hydrologic Unit 05030203, on right bank at highway bridge at Glenville, 1000 ft upstream from Sycamore Run, and at mile 103.4.

DRAINAGE AREA.--386 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--June 1915 to September 1922 (gage heights only), October 1928 to September 1983, October 1983 to September 1984 (gage heights, occasional discharge measurements, and annual maximum discharge only), October 1984 to September 1985. Monthly discharge only October to December 1928, published in WSP 1305.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1945					MAR 1950				
21...	0650	145	25.5	23.5	29...	1445	1250	2.0	10.0
JUL					MAY				
18...	1220	69	23.0	24.0	24...	1715	199	25.5	20.0
AUG					JUN				
09...	0655	137	28.5	26.0	22...	1700	1160	31.0	20.5
25...	1250	2060	23.0	--	SEP				
SEP					08...	1120	189	21.5	19.0
13...	1700	69	27.0	23.5	OCT				
OCT					18...	1315	131	24.0	--
12...	1230	296	18.5	12.5	NOV				
NOV					21...	1305	2970	6.0	4.5
08...	1655	167	9.5	6.5	JAN 1951				
APR 1946					03...	1230	402	19.5	4.5
11...	1630	158	14.5	13.5	FEB				
MAY					13...	1425	840	20.0	9.0
09...	1140	306	16.0	15.5	APR				
JUN					19...	1215	449	20.0	13.0
06...	1320	248	26.5	26.5	JUL				
JUL					26...	1555	109	27.0	25.0
18...	1445	21	34.5	28.0	AUG				
AUG					28...	1015	4.0	26.5	23.5
15...	1435	7.4	27.0	22.0	SEP				
SEP					26...	1610	2.8	24.0	25.0
26...	1450	11	26.0	21.5	OCT				
NOV					19...	1915	2.3	13.5	13.5
06...	1815	19	11.0	14.5	MAY 1952				
20...	1445	94	14.5	6.5	23...	1130	552	25.5	--
DEC					NOV				
18...	1340	148	3.5	3.5	20...	1025	15	10.5	10.5
JAN 1947					DEC				
16...	0945	1150	14.5	4.5	17...	1740	161	6.5	4.0
MAY					JAN 1953				
21...	1045	554	25.5	19.0	09...	1035	4410	--	14.5
JUN					30...	1000	1140	-1.0	4.5
05...	0810	133	19.0	19.5	MAR				
JUL					11...	1310	381	--	6.0
16...	0935	78	25.0	24.0	15...	1540	450	20.5	11.5
AUG					JUN				
21...	1405	15	31.5	26.5	04...	1430	37	31.0	24.5
SEP					JUL				
25...	1300	64	21.0	19.0	16...	1300	11	32.0	--
OCT					SEP				
24...	0830	8.0	13.5	17.5	24...	1130	1.2	--	19.5
SEP 1948					NOV				
15...	1805	85	25.5	21.0	16...	1300	0.94	23.5	8.0
OCT					DEC				
06...	1720	48	13.0	15.5	17...	1140	144	-4.0	2.0
APR 1949					FEB 1954				
27...	1650	414	26.0	15.5	17...	1230	149	4.5	6.0
MAY					MAY				
18...	1120	58	26.5	23.5	20...	1630	328	16.5	16.5
JUN					JUN				
08...	1350	30	23.0	24.5	17...	1045	249	23.0	25.0
SEP					JUL				
20...	1430	38	21.5	21.5	15...	1545	1490	26.5	--
NOV					AUG				
15...	1615	233	10.5	10.0	12...	1430	147	22.0	21.0
JAN 1950					DEC				
24...	1730	477	20.5	8.0	10...	1000	364	4.5	0.5

# LITTLE KANAWHA RIVER BASIN

03152000 LITTLE KANAWHA RIVER AT GLENVILLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
FEB 1955					JUN 1965				
16...	1130	880	6.0	--	01...	1250	22	--	23.5
MAR					AUG				
12...	1030	2320	16.0	--	09...	1235	4.3	--	26.0
JUN					SEP				
10...	0815	251	14.5	17.0	13...	1300	5.1	--	23.5
JUL					OCT				
08...	1400	19	31.5	--	18...	1430	9.4	--	17.5
AUG					NOV				
12...	1210	5.6	24.0	25.5	30...	1110	42	--	4.5
NOV					DEC				
15...	1215	64	19.5	11.5	20...	1335	24	--	4.5
DEC					FEB 1966				
13...	0700	5.1	-14.5	0.0	07...	1425	97	--	0.0
APR 1956					JUN				
11...	1800	786	14.0	8.5	29...	0755	5.0	--	25.5
JUN					JUL				
13...	1300	84	33.0	25.5	29...	0915	3.8	--	25.5
JUL					AUG				
19...	1545	192	32.0	25.0	31...	0825	9.2	--	21.5
AUG					SEP				
17...	0950	175	31.0	24.0	28...	0905	86	--	16.5
SEP					NOV				
12...	1520	74	26.0	21.0	01...	1100	23	--	8.5
NOV					DEC				
09...	1155	141	1.5	12.5	12...	1520	1160	6.5	8.0
JAN 1957					JAN 1967				
17...	1345	283	-8.0	0.0	23...	1145	129	20.0	3.5
JUN					FEB				
19...	1445	53	31.0	25.5	28...	1540	1700	27.0	0.5
JUL					APR				
15...	1255	31	32.5	22.5	18...	1310	772	--	7.0
DEC 1958					AUG				
17...	1520	71	6.5	0.5	08...	1500	63	32.0	28.5
JUL 1959					SEP				
23...	0830	40	--	25.5	21...	1000	1.9	24.5	20.0
AUG					OCT				
25...	1600	165	33.0	29.5	30...	1430	131	16.0	10.5
NOV					DEC				
18...	1315	594	-3.5	--	12...	0800	1270	-2.0	0.0
JUL 1960					FEB 1968				
28...	1530	97	--	27.5	20...	1405	100	-2.0	0.5
AUG					JUN				
31...	0920	19	--	25.5	24...	1340	43	--	26.5
OCT					AUG				
06...	0900	24	--	17.5	19...	1310	115	--	25.5
JUL 1961					SEP				
31...	1330	62	--	24.5	30...	1215	5.1	23.5	20.0
DCT					NOV				
09...	1400	90	29.5	18.0	12...	1600	314	--	8.0
DEC 1962					DEC				
10...	1535	334	-8.0	--	16...	1315	396	22.0	14.0
JAN 1963					MAR 1969				
14...	1605	1480	--	1.0	17...	1220	150	16.0	4.0
JUN					JUN				
19...	0815	83	--	23.0	02...	1315	37	28.0	24.0
JUL					JUL				
22...	1540	163	27.5	--	16...	0830	171	24.0	23.0
AUG					AUG				
22...	0820	94	--	23.0	22...	1110	329	24.0	22.0
OCT					SEP				
28...	1720	1.3	--	15.0	23...	1210	82	24.0	21.0
DCT 1964					OCT				
05...	1415	59	--	17.0	27...	1410	75	7.0	10.0
NOV					DEC				
16...	1310	8.9	--	11.5	15...	1300	904	1.0	5.0

# LITTLE KANAWHA RIVER BASIN

03152000 LITTLE KANAWHA RIVER AT GLENNVILLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
FEB 1970						
26...	1330	264	140	7.30	1.0	3.0
MAR						
23...	1110	748	115	6.70	5.0	6.0
APR						
22...	1300	338	118	7.40	21.0	16.0
MAY						
19...	0820	207	138	7.40	10.0	18.0
JUN						
23...	1220	60	130	7.25	29.0	23.0
JUL						
21...	1315	74	120	7.20	24.0	22.5
AUG						
19...	0920	30	300	7.30	21.0	23.5
SEP						
30...	1545	186	120	7.00	22.0	16.5
NOV						
17...	1030	444	95	7.30	5.0	8.0
JAN 1971						
05...	1010	9170	66	7.30	0.0	4.0
06...	0925	5340	--	--	-7.0	2.0
FEB						
24...	0905	1080	100	7.00	2.5	5.5
MAR						
24...	1250	1310	95	6.90	0.0	5.0
MAY						
25...	1425	153	180	7.20	19.0	20.5
JUN						
22...	1335	20	210	7.00	25.0	25.5
JUL						
21...	1235	943	--	7.00	26.0	19.0
AUG						
24...	1330	32	--	--	27.5	23.0
SEP						
21...	1040	822	--	--	20.0	19.5
NOV						
16...	1225	104	--	--	20.5	9.5
DEC						
14...	1300	361	--	--	8.0	--
FEB 1972						
24...	0935	6200	--	--	7.5	--
MAY						
23...	1250	287	--	--	33.0	19.5
JUN						
21...	1155	81	--	--	25.0	22.5
JUL						
17...	1250	93	--	--	26.0	22.0
18...	1545	127	--	--	32.0	25.0
AUG						
22...	1315	354	--	--	32.0	24.0
SEP						
19...	1450	24	--	--	--	23.0
OCT						
16...	1410	105	--	--	19.0	17.0
18...	1210	110	--	--	7.5	11.5
DEC						
16...	1410	712	--	--	--	8.0
FEB 1973						
20...	1430	537	--	--	--	3.0
MAY						
23...	1650	158	--	--	20.0	16.0
JUL						
17...	1250	93	--	--	26.0	22.0
OCT						
16...	1410	105	--	--	19.0	17.0

# LITTLE KANAWHA RIVER BASIN

03152000 LITTLE KANAWHA RIVER AT GLENNVILLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
DEC 1973						
18...	1200	583	--	--	-1.0	1.0
JAN 1974						
22...	1420	338	--	--	--	--
FEB						
20...	1000	720	--	--	--	--
MAR						
18...	1710	903	--	--	8.0	5.5
APR						
22...	1705	245	--	--	20.5	13.0
MAY						
19...	0820	207	138	7.40	10.0	18.0
JUN						
23...	1220	60	130	7.25	29.0	23.0
27...	0915	610	--	--	19.0	14.0
AUG						
19...	1615	43	--	--	31.0	29.0
SEP						
25...	1635	62	--	--	19.0	15.5
OCT						
21...	1520	91	--	--	18.5	9.0
DEC						
16...	1650	1360	140	--	5.0	4.0
FEB 1975						
26...	1140	1050	--	7.40	6.5	8.0
APR						
22...	1040	317	120	7.40	10.0	--
MAY						
20...	0950	831	80	--	24.0	17.0
JUN						
23...	1620	127	130	6.40	29.0	27.0
AUG						
06...	1010	64	--	--	22.0	24.0
12...	1600	22	--	--	36.0	25.0

## LITTLE KANAWHA RIVER BASIN

03152200 BUCK RUN NEAR LEOPOLD, WV

LOCATION.--Lat 39°07'26", long 80°41'26", Doddridge County, Hydrologic Unit 05030203, on right bank 12 ft upstream from culvert on Secondary State Route 66, 0.3 mi upstream from mouth, and 2.6 mi east of Leopold.

DRAINAGE AREA.--2.91 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1969 to September 1977.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
FEB 1970						
26...	0910	0.88	100	7.40	-9.0	0.0
MAR						
23...	1215	6.8	75	7.30	5.0	6.0
APR						
02...	1510	41	62	6.40	2.5	7.0
20...	1215	1.4	93	7.70	20.0	17.0
MAY						
19...	1217	0.24	188	7.20	26.0	17.5
JUN						
23...	1020	0.01	250	6.70	21.0	18.0
JUL						
21...	1117	0.06	575	7.10	16.0	19.0
AUG						
19...	1055	0.07	305	7.40	26.5	21.5
SEP						
30...	0905	0.12	225	7.00	9.0	13.0
NOV						
02...	1350	3.1	110	7.30	20.0	16.0
17...	0840	2.2	105	7.50	-3.0	4.5
JAN 1971						
19...	0930	1.8	100	7.50	-9.0	0.0
FEB						
23...	0905	10	--	--	2.0	5.0
MAR						
24...	0855	2.6	--	--	-4.0	1.0
MAY						
25...	0815	0.95	--	--	17.0	16.0
JUN						
22...	0840	0.30	--	--	19.0	20.5
JUL						
21...	0835	0.05	--	--	13.0	17.0
AUG						
24...	0805	0.04	--	--	10.0	17.0
SEP						
21...	0830	3.4	--	--	14.5	16.5
DEC						
14...	0840	2.0	--	--	1.0	4.5
JAN 1972						
18...	0900	2.5	--	--	5.0	0.0
FEB						
23...	0910	9.7	--	--	-2.0	1.5
MAR						
21...	0830	3.0	--	--	6.0	5.5
APR						
18...	1105	6.4	--	--	23.0	13.5
JUL						
18...	0830	0.19	--	--	20.5	21.0
AUG						
22...	0815	1.0	130	8.50	17.0	19.0
OCT						
19...	1120	0.89	--	--	1.0	7.0

# LITTLE KANAWHA RIVER BASIN

03152200 BUCK RUN NEAR LEOPOLD, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1973						
22...	1315	5.9	--	--	--	2.5
FEB						
20...	1545	2.5	--	--	--	4.0
APR						
19...	1000	2.6	90	8.50	17.0	13.0
MAY						
24...	0915	0.66	--	--	19.0	16.0
AUG						
21...	1640	5.8	--	--	19.0	22.0
JAN 1974						
21...	1530	7.0	--	--	12.0	8.0
FEB						
20...	1210	3.2	--	--	5.0	3.0
MAR						
18...	1500	3.9	--	--	7.5	9.0
MAY						
28...	1805	0.89	--	--	25.0	20.5
JUN						
25...	1525	16	--	--	28.0	18.0
JUL						
29...	1450	0.17	--	--	33.0	23.0
AUG						
19...	1420	0.34	--	--	31.0	29.0
OCT						
21...	1340	0.34	--	--	15.0	9.5
NOV						
19...	0815	0.60	--	--	12.0	7.0
JAN 1975						
22...	1330	5.2	--	--	12.0	5.0
FEB						
24...	1245	21	--	--	13.0	10.0
25...	1340	8.9	--	6.90	13.0	8.5
APR						
21...	1255	1.1	120	5.60	19.0	12.0
MAY						
19...	1535	12	--	--	30.0	20.0
JUN						
23...	1950	0.39	110	7.10	28.0	27.0
AUG						
05...	0950	0.01	155	7.00	23.5	22.0



## LITTLE KANAWHA RIVER BASIN

03153500 LITTLE KANAWHA RIVER AT GRANTSVILLE, WV

LOCATION.--Lat 38°55'20", long 81°05'50", Calhoun County, Hydrologic Unit 05030203, on left bank 1,000 ft downstream from bridge on State Highway 16 at Grantsville, 1,200 ft downstream from Philip Run, and at mile 80.0.

DRAINAGE AREA.--913 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1928 to September 1978. Monthly discharge only October to December 1928, published in WSP 1305. October 1978 to current year (gage heights, discharge measurements, and annual maximum discharge only).

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1945					MAY 1950				
20...	1730	554	26.5	24.5	23...	1000	400	20.5	18.5
JUL					JUN				
19...	1655	97	31.0	28.0	22...	0900	2510	26.0	20.5
AUG					AUG				
09...	1135	492	28.5	25.0	01...	1445	281	29.0	26.5
24...	1850	7260	25.0	20.0	SEP				
NOV					07...	0925	570	15.5	19.5
07...	1655	426	10.5	6.5	OCT				
APR 1946					17...	1250	321	15.0	28.0
11...	1010	358	7.0	12.5	NOV				
JUN					22...	0945	4260	8.0	6.0
04...	1010	1630	25.5	25.0	JAN 1951				
JUL					04...	1615	3540	8.0	--
08...	1610	366	31.0	27.0	APR				
AUG					20...	1515	925	16.5	11.0
13...	1400	16	26.0	22.0	JUL				
SEP					28...	0930	144	21.0	24.5
12...	1615	2.8	20.5	23.5	AUG				
OCT					28...	1645	11	26.5	24.0
13...	0930	11	9.0	13.5	SEP				
NOV					25...	0900	21	20.0	19.5
06...	0940	47	10.0	12.0	OCT				
DEC					19...	1015	4.2	19.0	15.0
16...	1530	594	7.5	3.5	DEC				
JAN 1947					19...	1230	1080	-3.0	0.0
13...	1440	660	5.5	2.0	FEB 1952				
MAY					06...	1040	2770	3.5	--
19...	1245	917	25.5	19.0	NOV				
JUN					19...	1355	20	21.0	13.5
03...	1345	277	14.5	19.5	DEC				
JUL					17...	1225	318	4.5	1.5
14...	1240	240	25.0	23.5	MAR 1953				
AUG					11...	1000	859	5.0	--
14...	1220	87	24.0	29.0	JUN				
SEP					03...	1130	108	29.5	24.0
24...	1410	191	18.5	19.0	JUL				
OCT					17...	0950	31	29.0	29.0
22...	1540	15	21.0	19.0	SEP				
AUG 1948					24...	0920	1.6	23.5	16.5
20...	1620	305	31.0	23.5	NOV				
SEP					16...	1650	0.49	29.0	8.0
16...	1430	116	29.0	23.5	DEC				
OCT					16...	1120	465	-1.5	3.0
05...	1755	85	12.0	15.5	MAY 1954				
APR 1949					19...	1500	378	23.0	18.5
26...	1635	982	24.0	15.0	JUN				
MAY					16...	1320	226	32.0	25.5
17...	1115	144	27.5	23.5	JUL				
JUN					14...	0800	123	24.0	--
07...	1515	81	29.5	24.0	AUG				
SEP					12...	0800	340	13.0	21.0
21...	1700	48	24.0	20.5	SEP				
NOV					15...	1415	80	29.5	24.5
17...	0930	338	6.5	6.5	DEC				
JAN 1950					09...	1610	316	4.5	2.0
26...	1010	1040	23.0	12.0	JAN 1955				
FEB					13...	1300	1470	-1.5	--
21...	1800	774	15.5	4.5	FEB				
MAR					15...	1630	1110	4.5	--
28...	1500	3130	19.0	11.0					

## LITTLE KANAWHA RIVER BASIN

03153500 LITTLE KANAWHA RIVER AT GRANTSVILLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAR 1955					SEP 1961				
10...	1315	1960	21.0	--	14...	1140	61	--	26.0
APR					OCT				
07...	1045	414	8.5	9.0	10...	0900	121	21.0	17.0
JUN					NOV				
09...	1000	670	14.5	18.5	07...	1300	1510	4.5	9.5
JUL					MAY 1962				
07...	1215	440	0.0	--	10...	0910	188	--	17.0
AUG					JUL				
11...	1110	36	26.5	--	17...	1605	207	--	25.0
SEP					AUG				
08...	1255	9.0	25.0	--	22...	1655	43	--	28.0
OCT					OCT				
11...	1320	140	26.0	16.5	03...	1510	197	--	16.5
NOV					JAN 1963				
16...	0735	128	23.5	12.0	15...	1440	2020	--	1.0
DEC					JUN				
14...	0810	114	18.0	0.0	19...	1055	157	--	24.0
APR 1956					OCT				
11...	0850	1970	11.5	8.0	30...	0835	1.2	--	9.5
JUN					OCT 1964				
12...	1600	226	31.0	25.5	06...	1215	104	--	14.5
AUG					NOV				
17...	0730	376	26.5	23.0	16...	1735	13	--	11.5
SEP					JUN 1965				
11...	1600	164	25.5	20.5	01...	1735	42	--	25.5
NOV					JUL				
08...	1555	231	9.5	13.5	12...	1900	108	--	26.5
MAY 1957					SEP				
08...	1645	156	23.5	20.0	13...	1755	3.8	--	24.5
JUN					OCT				
19...	0855	117	25.5	27.0	19...	1500	24	--	17.0
SEP					DEC				
10...	0700	0.01	24.0	22.0	06...	1055	53	3.0	3.5
DEC					20...	1545	40	--	5.0
17...	1430	674	11.5	--	MAY 1966				
JUN 1958					25...	1150	240	--	21.5
17...	1540	566	24.0	19.5	JUN				
SEP					28...	1500	11	33.5	24.5
30...	0945	158	--	17.0	JUL				
DEC					28...	1200	16	--	25.5
16...	1530	157	5.5	--	SEP				
JUN 1959					26...	1030	723	--	16.0
17...	1215	58	--	24.5	OCT				
JUL					31...	1315	35	--	9.0
22...	1020	86	26.5	--	DEC				
AUG					14...	1045	886	0.5	3.0
25...	1010	30	33.0	30.5	JAN 1967				
OCT					31...	1642	744	11.0	5.5
13...	1650	236	11.0	--	MAR				
DEC					01...	0900	3940	-3.5	0.5
16...	1005	1540	6.0	4.0	APR				
MAR 1960					19...	0645	1460	--	8.0
22...	1300	1930	-0.5	--	AUG				
JUN					08...	1055	248	30.5	25.5
08...	1315	86	--	23.5	SEP				
JUL					21...	0800	10	23.5	19.5
27...	0945	53	--	27.0	OCT				
AUG					31...	1600	189	16.0	11.0
30...	1000	66	--	27.0	DEC				
OCT					13...	0800	1690	0.0	0.0
05...	0910	45	--	16.0	JAN 1968				
DEC					10...	0916	698	--	0.5
19...	1210	538	--	0.5	FEB				
JUN 1961					19...	1615	237	-2.0	0.5
02...	0920	154	--	21.0	APR				
JUL					01...	1230	3580	4.5	12.0
11...	1630	104	--	24.5					

## LITTLE KANAWHA RIVER BASIN

03153500 LITTLE KANAWHA RIVER AT GRANTSVILLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1968						
26...	1130	132	--	--	--	28.0
AUG						
27...	1155	42	--	--	-2.0	--
OCT						
01...	1650	15	--	--	24.0	18.0
NOV						
13...	1030	448	--	--	--	6.0
DEC						
16...	1630	417	--	--	2.0	0.0
JAN 1969						
08...	1215	278	--	--	12.0	--
28...	1315	471	--	--	-0.5	--
MAR						
17...	1525	253	--	--	16.0	5.0
JUN						
03...	1440	63	--	--	19.0	22.0
JUL						
15...	1050	488	112	--	28.0	26.0
AUG						
21...	1300	1140	--	--	--	24.0
SEP						
24...	0915	126	152	7.80	21.0	21.0
OCT						
28...	1255	106	210	8.40	11.5	10.5
DEC						
15...	1545	1540	110	7.30	0.0	4.0
JAN 1970						
20...	1455	1640	122	7.20	-4.0	1.0
FEB						
26...	1515	562	130	7.40	1.0	4.0
MAR						
25...	1210	1210	120	7.65	8.0	7.0
APR						
22...	1110	701	115	7.50	25.0	15.5
MAY						
18...	1405	213	175	7.65	19.0	20.0
JUN						
24...	0725	94	215	7.50	13.5	21.0
JUL						
21...	1445	157	130	6.80	22.0	23.0
AUG						
19...	1340	56	180	7.30	33.0	26.0
OCT						
01...	0905	275	150	7.10	8.0	17.0
20...	1515	41	165	7.60	13.0	12.0
NOV						
16...	1610	715	100	7.40	4.0	9.0
JAN 1971						
05...	1400	18500	82	7.40	1.0	4.0
FEB						
23...	1600	3040	110	7.00	3.0	7.0
MAY						
25...	1540	306	130	7.30	22.0	21.0
JUN						
22...	1515	41	190	7.20	28.0	26.5
JUL						
20...	1440	3160	--	7.10	22.0	19.0
AUG						
23...	1655	48	155	7.20	27.0	26.0
SEP						
22...	1105	1570	--	--	19.5	18.5
OCT						
18...	1540	86	--	--	25.0	19.0
NOV						
15...	1540	197	--	--	22.5	9.5
17...	1500	173	--	--	--	10.0

# LITTLE KANAWHA RIVER BASIN

03153500 LITTLE KANAWHA RIVER AT GRANTSVILLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1972						
19...	1250	991	--	--	--	3.0
APR						
19...	1400	2600	--	--	28.0	15.0
MAY						
25...	0745	375	--	--	11.5	20.0
JUN						
20...	1455	320	--	--	25.5	24.0
JUL						
19...	0955	257	--	--	30.5	25.5
AUG						
23...	1340	566	120	8.70	29.5	24.0
SEP						
20...	0945	55	--	--	--	21.0
OCT						
18...	1400	197	--	--	12.0	12.0
JAN 1973						
23...	1120	1240	--	--	--	7.0
FEB						
21...	1020	1040	--	--	--	4.0
MAR						
27...	1040	3730	90	--	19.0	10.0
APR						
18...	1250	1340	100	8.20	17.0	13.0
MAY						
23...	0945	353	145	7.50	17.0	16.0
JUN						
19...	1440	234	--	--	30.0	25.0
JUL						
17...	1100	275	--	--	25.0	21.0
AUG						
22...	1215	1890	--	--	19.0	18.0
OCT						
17...	1305	132	--	--	12.5	14.5
DEC						
18...	1445	1140	--	--	-1.0	2.0
JAN 1974						
22...	1800	846	150	--	20.0	9.0
FEB						
20...	1205	1550	--	--	11.0	4.0
MAR						
19...	1245	1980	--	--	9.0	7.5
APR						
23...	1015	559	--	--	12.5	9.0
MAY						
29...	1050	416	--	--	24.5	19.0
JUN						
25...	1230	3010	--	--	17.0	16.0
JUL						
30...	1100	248	--	--	30.0	23.0
SEP						
24...	1405	166	--	--	16.0	18.0
NOV						
19...	1245	498	--	--	19.5	8.0
DEC						
17...	1140	3560	--	--	4.0	5.0
MAR 1975						
26...	1500	2310	--	7.20	4.0	8.0
MAY						
20...	1215	2170	130	--	31.0	20.0
AUG						
12...	1410	68	--	--	33.0	27.0
25...	1240	43	240	7.80	28.0	28.0

## LITTLE KANAWHA RIVER BASIN

03154000 WEST FORK LITTLE KANAWHA RIVER AT ROCKSDALE, WV

LOCATION.--Lat 38°50'48", long 81°13'26", Calhoun County, Hydrologic Unit  
05030203, on right bank on State Route 11, 850 ft downstream from Henry Fork  
at Rocksedale, 9.0 mi southwest of Grantsville, and at mile 14.1.

DRAINAGE AREA.--205 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1928 to September 1931, October 1937 to  
September 1975 (monthly discharge only for some periods, published in WSP  
1305), October 1975 to current year (gage heights, occasional discharge  
measurements, and annual maximum discharge only).

## WATER QUALITY DATA

DATE	TIME	STREAM- FLDN, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLDN, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1945					JAN 1950				
21...	1245	66	24.0	23.0	25...	1215	144	28.0	9.5
AUG					FEB				
08...	1235	26	25.0	28.0	22...	1135	115	4.5	4.5
27...	1230	41	27.5	20.0	MAR				
SEP					29...	1125	415	6.0	10.0
12...	1430	2.0	28.5	24.5	APR				
OCT					26...	1225	266	18.0	15.5
11...	1030	71	6.0	11.5	MAY				
NOV					23...	1430	91	24.5	19.5
07...	1000	48	25.0	9.5	AUG				
MAY 1946					02...	1245	45	27.0	25.5
08...	1100	77	17.5	18.0	SEP				
JUN					07...	1400	43	23.5	20.0
05...	1150	209	23.0	23.0	OCT				
JUL					16...	0950	63	18.5	14.0
11...	1120	85	30.5	25.5	JAN 1951				
AUG					04...	0900	665	9.0	4.5
14...	0900	41	28.0	24.5	FEB				
SEP					14...	0920	296	4.5	--
12...	1205	1.3	26.5	21.0	MAR				
OCT					14...	0735	2200	0.0	3.5
12...	1425	1.0	12.5	15.5	APR				
NOV					20...	0730	155	14.5	8.5
18...	1305	58	11.0	7.5	MAY				
DEC					18...	1155	38	23.5	22.0
16...	1015	90	1.0	3.5	JUN				
JAN 1947					20...	1800	35	28.0	18.5
13...	1015	100	2.5	1.0	AUG				
MAY					29...	1100	4.3	24.0	21.5
19...	0915	70	24.5	18.5	SEP				
JUN					25...	1300	5.1	20.5	19.0
04...	0800	49	13.0	18.0	OCT				
JUL					30...	0845	2.4	8.5	10.0
14...	0945	8.7	22.0	23.5	DEC				
AUG					18...	1350	244	1.0	--
13...	1410	34	33.5	29.0	FEB 1952				
SEP					06...	1330	497	5.0	--
24...	0950	35	12.0	18.0	APR				
OCT					22...	1700	121	25.5	13.5
22...	0945	1.2	16.5	14.0	MAY				
AUG 1948					27...	1315	117	26.0	17.5
13...	1725	71	29.0	25.0	NOV				
SEP					19...	1645	2.7	--	11.5
16...	1030	4.7	26.5	19.5	DEC				
OCT					17...	1500	42	13.5	3.5
06...	1135	2.5	15.5	14.0	JAN 1953				
APR 1949					29...	1045	738	2.0	5.0
27...	0950	159	20.5	15.5	MAR				
MAY					10...	1740	128	11.0	6.0
17...	0925	29	26.0	21.5	16...	1110	629	3.5	--
JUN					JUN				
08...	0935	10	16.0	20.5	03...	1420	11	29.5	24.5
SEP					JUL				
21...	1050	1.0	20.5	11.5	16...	0855	3.4	28.5	26.0
OCT					SEP				
20...	0910	12	20.0	15.0	23...	1445	0.08	24.0	18.0
NOV					NOV				
16...	1325	29	7.0	8.0	17...	2000	0.01	6.5	4.0
DEC					DEC				
21...	1025	270	18.0	7.5	16...	1330	2.6	0.0	3.0

# LITTLE KANAWHA RIVER BASIN

03154000 WEST FORK LITTLE KANAWHA RIVER AT ROCKSDALE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
FEB 1954					DEC 1960				
17...	0815	22	3.0	7.5	19...	1550	57	--	0.5
MAR					JAN 1961				
18...	0750	174	1.0	3.5	17...	1215	792	4.5	--
MAY					JUN				
20...	1230	49	15.0	15.0	02...	1245	20	--	22.0
JUN					JUL				
17...	0750	158	28.5	22.0	12...	1525	6.7	--	22.0
JUL					AUG				
14...	1300	4.4	34.0	29.0	15...	0940	54	--	21.5
SEP					SEP				
16...	1520	4.1	31.5	--	14...	1540	2.4	--	25.0
OCT					OCT				
14...	1520	16	28.5	21.0	10...	1100	6.9	24.5	16.0
DEC					NOV				
10...	1200	155	7.0	1.0	07...	1000	365	5.0	10.0
JAN 1955					FEB 1962				
13...	1700	296	-4.0	--	20...	1030	177	--	5.0
MAY					MAY				
13...	1540	158	20.5	19.0	09...	0935	35	--	17.5
JUN					JUN				
09...	1140	20	18.5	--	13...	1005	105	--	21.0
JUL					AUG				
07...	1615	42	295.0	--	22...	0950	5.0	--	23.5
AUG					OCT				
11...	1215	8.2	25.0	25.5	03...	0925	22	--	15.5
SEP					DEC				
08...	1445	0.14	28.5	24.0	11...	1335	165	-9.0	0.5
OCT					JAN 1963				
12...	0745	10	19.5	15.0	15...	1100	308	--	0.0
NOV					MAY				
16...	0915	22	25.0	13.0	22...	1350	108	--	19.5
APR 1956					JUN				
11...	1215	362	16.5	9.0	18...	0945	16	--	21.0
MAY					AUG				
16...	1600	84	20.5	19.5	20...	0930	20	--	21.0
JUN					SEP				
13...	0945	20	29.0	24.0	24...	1105	4.1	18.0	15.0
JUL					OCT				
19...	1240	200	31.5	21.0	29...	1530	0.46	--	11.0
AUG					DEC				
16...	1350	40	32.0	25.5	03...	1110	65	1.0	3.5
SEP					OCT 1964				
12...	0830	11	21.5	15.5	06...	0915	8.7	--	12.0
NOV					NOV				
09...	0820	12	1.0	13.0	17...	0920	0.62	--	9.5
MAY 1957					JUN 1965				
09...	0850	23	16.5	17.0	02...	1620	6.2	--	23.5
JUN					JUL				
19...	1020	30	25.0	25.5	13...	1535	17	--	26.0
JUN 1958					AUG				
18...	1545	101	27.0	24.0	10...	1510	0.50	--	21.0
SEP					SEP				
30...	1130	11	--	18.5	14...	1525	14	--	23.5
DEC					OCT				
16...	1300	20	-6.0	--	19...	1630	3.3	--	17.5
JUL 1959					NOV				
22...	1250	1.9	--	27.0	29...	1225	26	--	4.5
AUG					DEC				
25...	1155	0.47	33.0	29.0	22...	1020	3.0	--	3.0
NOV					FEB 1966				
17...	1030	43	-2.0	--	08...	1230	21	9.0	0.5
MAR 1960					APR				
22...	1550	413	-1.0	--	25...	1630	131	--	20.0
AUG					MAY				
30...	1130	12	--	25.5	25...	0840	30	--	20.5
OCT									
05...	1040	5.6	--	16.0					

# LITTLE KANAWHA RIVER BASIN

03154000 WEST FORK LITTLE KANAWHA RIVER AT ROCKSDALE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1966						
28...	1005	0.70	--	--	--	24.0
SEP						
28...	0850	1.6	--	--	--	15.0
NOV						
03...	1130	6.3	--	--	--	6.0
DEC						
14...	1440	104	--	--	1.0	2.0
JAN 1967						
23...	1530	46	--	--	15.5	4.0
MAR						
02...	0950	509	--	--	6.5	1.0
APR						
19...	0900	366	--	--	--	8.5
AUG						
04...	0900	58	--	--	27.0	22.0
SEP						
20...	1500	0.60	--	--	25.5	16.5
OCT						
31...	0920	13	--	--	9.0	8.0
DEC						
12...	1315	446	--	--	6.5	4.0
JAN 1968						
10...	1425	122	--	--	--	0.5
FEB						
20...	1000	32	--	--	0.0	0.5
AUG						
21...	0905	17	--	--	28.5	25.5
OCT						
03...	1700	3.6	--	--	20.0	17.0
NOV						
13...	1325	157	--	--	14.0	6.0
DEC						
17...	0910	31	--	--	3.0	0.0
JAN 1969						
28...	1040	95	--	--	19.0	7.0
JUN						
03...	1320	8.7	--	--	--	20.0
JUL						
14...	2030	55	140	--	26.0	26.0
AUG						
21...	1600	229	138	--	24.0	22.0
SEP						
23...	1545	18	170	7.35	26.0	21.0
OCT						
28...	1110	8.9	220	7.20	7.0	9.0
DEC						
16...	1110	187	130	7.30	0.0	2.0
FEB 1970						
25...	1355	107	122	7.68	4.0	4.0
APR						
20...	1530	268	120	7.50	24.0	16.0
MAY						
18...	1030	64	142	7.35	19.0	17.0
JUN						
22...	1400	9.8	178	7.20	21.0	22.0
JUL						
22...	1205	14	120	7.10	19.5	21.0
AUG						
18...	1445	3.0	188	7.30	28.0	26.0
SEP						
28...	1535	182	160	7.10	17.0	19.0
OCT						
20...	1350	7.2	185	7.55	13.0	11.5

# LITTLE KANAWHA RIVER BASIN

03154000 WEST FORK LITTLE KANAWHA RIVER AT ROCKSDALE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
NOV 1970						
D3...	0900	1640	115	7.20	9.0	13.0
16...	1430	73	160	7.50	1.0	9.0
FEB 1971						
24...	1445	444	85	7.00	3.0	5.5
MAR						
23...	1110	164	120	7.20	--	5.0
MAY						
25...	1720	64	150	7.50	22.5	20.5
JUN						
21...	1525	5.9	150	7.30	28.0	25.0
JUL						
21...	1450	78	--	--	26.5	20.5
AUG						
23...	1335	6.1	--	--	23.0	25.0
SEP						
20...	1235	97	--	--	22.5	19.5
OCT						
18...	1235	12	--	--	24.0	16.5
NOV						
17...	0840	27	--	--	1.0	8.5
DEC						
13...	1300	130	--	--	14.0	8.5
JAN 1972						
25...	0945	849	--	--	1.5	2.5
FEB						
24...	1520	5040	--	--	--	1.5
MAR						
20...	1220	269	--	--	18.0	9.0
MAY						
22...	1215	82	--	--	26.0	19.5
JUN						
22...	0815	69	--	--	16.5	18.5
AUG						
21...	1250	269	--	--	34.0	22.0
SEP						
20...	1145	33	--	--	--	20.5
OCT						
18...	1450	35	--	--	--	11.0
JAN 1973						
23...	1330	210	--	--	--	5.5
FEB						
21...	1200	218	80	--	5.0	3.0
MAR						
27...	1230	1380	80	--	--	10.0
APR						
18...	1040	242	110	7.60	16.0	13.0
MAY						
23...	1015	57	130	7.30	17.5	16.0
JUN						
19...	0830	83	--	--	25.0	22.0
JUL						
17...	0815	43	--	--	22.0	20.0
AUG						
22...	0920	696	--	--	23.0	20.0
SEP						
18...	0945	300	--	--	--	20.0
OCT						
17...	1005	10	--	--	7.5	12.0
NOV						
20...	1005	173	--	6.20	10.0	7.0
JAN 1974						
23...	1105	158	135	--	15.0	8.0
MAR						
19...	1500	1550	--	--	11.0	7.5



# LITTLE KANAWHA RIVER BASIN

03154000 WEST FORK LITTLE KANAWHA RIVER AT ROCKSDALE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
APR 1974						
23...	1215	120	--	--	16.5	14.5
MAY						
29...	1255	61	--	--	23.0	17.0
JUL						
30...	1155	13	--	--	31.0	23.0
AUG						
20...	1230	41	--	--	34.0	22.0
SEP						
24...	1050	27	--	--	9.5	12.5
OCT						
22...	1605	20	--	--	12.0	10.0
NOV						
19...	1110	73	--	--	15.0	6.0
MAR 1975						
26...	1815	358	--	6.40	5.0	7.0
APR						
22...	1550	110	130	6.50	24.0	--
MAY						
20...	1555	132	90	--	31.0	21.5
JUN						
24...	1110	32	130	9.00	28.0	25.0
JUL						
31...	1325	3.9	170	8.00	29.0	26.0

# LITTLE KANAWHA RIVER BASIN

03154250 TANNER RUN AT SPENCER, WV

LOCATION.--Lat 38°48'11", long 81°21'58", Roane County, Hydrologic Unit 05030203,  
on left bank 300 ft upstream from Miletree Run, and 0.8 mi west of Spencer.

DRAINAGE AREA.--2.82 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--April 1969 to September 1977.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
AUG 1969						
20...	0920	5.5	150	--	--	20.5
SEP						
22...	1010	0.09	330	7.50	21.0	23.0
OCT						
29...	1235	0.04	380	7.40	--	7.0
FEB 1970						
24...	1610	0.99	158	7.50	10.0	9.0
APR						
02...	1320	108	75	6.70	10.0	9.0
23...	0905	189	78	7.40	16.0	12.0
29...	1250	2.5	125	7.60	24.0	10.0
MAY						
21...	1110	0.20	250	8.10	29.5	25.0
JUL						
23...	1105	0.09	380	7.30	22.0	22.0
AUG						
21...	1001	0.0	540	7.50	22.0	24.0
SEP						
28...	1012	0.04	480	7.40	11.0	13.0
OCT						
23...	1005	0.20	340	7.40	9.0	10.5
DEC						
22...	1005	143	80	7.30	16.0	9.0
JAN 1971						
18...	1100	3.1	138	7.10	-7.0	0.0
FEB						
25...	1115	5.3	--	--	10.0	4.0
MAR						
25...	1100	0.94	--	--	6.0	2.0
JUN						
24...	0900	0.02	--	--	20.0	21.0
AUG						
26...	1045	0.03	--	--	24.0	22.5
NOV						
15...	0900	0.17	--	--	17.5	10.0
JAN 1972						
17...	0910	2.0	--	--	-5.0	0.0
APR						
17...	1030	10	--	--	15.5	12.5
OCT						
16...	1500	0.24	--	--	17.0	11.0
DEC						
06...	1300	103	--	--	--	8.0
27...	1410	4.1	--	--	--	8.0
JAN 1973						
26...	1250	1.6	150	--	--	5.0
FEB						
23...	1155	1.6	160	--	8.0	3.0
MAR						
22...	0955	59	220	7.40	24.0	15.0
APR						
17...	1120	2.4	140	--	15.0	13.0
AUG						
21...	1115	1.8	--	--	22.0	19.0

## LITTLE KANAWHA RIVER BASIN

03154250 TANNER RUN AT SPENCER, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1973						
16...	1610	0.03	--	--	18.0	16.0
NOV						
26...	1045	3.1	--	--	10.5	9.0
JAN 1974						
23...	1305	2.0	320	--	13.0	8.0
FEB						
21...	0925	2.2	--	--	2.0	0.0
MAR						
19...	1730	7.3	--	--	13.5	8.5
APR						
24...	0920	0.09	--	--	6.0	12.0
MAY						
29...	1500	0.49	--	--	27.0	21.5
JUN						
24...	1830	4.8	--	--	19.0	19.5
AUG						
20...	1330	0.06	--	--	34.0	28.0
SEP						
24...	0905	0.17	--	--	7.0	8.5
MAR 1975						
27...	1050	2.7	--	7.60	1.0	3.0
MAY						
21...	0920	1.3	110	--	22.0	17.5
JUN						
24...	0825	0.07	50	--	25.0	16.0
JUL						
31...	0850	0.02	420	8.10	26.0	24.0

# LITTLE KANAWHA RIVER BASIN

03154500 REEDY CREEK NEAR REEDY, WV

LOCATION.--Lat 38°57'40", long 81°23'25", Wirt County, Hydrologic Unit 05030203, on left bank 0.2 mi downstream from Roundbottom Run, 1.0 mi north of Lucile, 4.5 mi northeast of Reedy, and at mile 8.5.

DRAINAGE AREA.--79.4 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1951 to September 1978.  
WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1951					SEP 1957				
20...	1350	3.3	25.0	21.5	09...	1445	0.0	28.0	24.5
OCT					NOV				
29...	1230	3.1	15.0	14.0	18...	1200	32	14.5	13.0
DEC					FEB 1958				
20...	1010	40	--	1.5	24...	1220	178	15.5	0.0
MAR 1952					JUL				
17...	1445	38	11.0	4.5	15...	1100	53	29.5	22.0
APR					NOV				
21...	1530	38	30.0	10.5	06...	1630	7.8	--	10.5
MAY					DEC				
28...	1530	22	30.0	21.5	15...	1210	6.8	-9.0	--
NOV					JUL 1959				
17...	1105	0.10	--	11.0	21...	1025	3.2	--	26.0
DEC					AUG				
15...	1125	16	-3.0	3.0	24...	1150	0.08	31.5	28.5
JAN 1953					NOV				
26...	1155	131	-1.0	3.5	16...	1130	3.2	--	9.0
MAR					JAN 1960				
09...	1035	45	0.0	4.5	18...	1155	115	--	4.5
APR					JUN				
20...	0850	159	4.0	7.5	07...	1200	2.9	--	23.0
JUN					JUL				
01...	1115	4.7	24.5	22.5	26...	1215	0.33	--	29.5
JUL					AUG				
13...	1435	0.89	33.5	28.5	29...	1210	2.3	--	26.0
AUG					OCT				
17...	1250	4.8	25.5	24.0	04...	1105	1.1	--	16.0
OCT					NOV				
19...	1150	0.04	31.0	15.5	08...	1105	32	--	5.5
NOV					DEC				
17...	1010	0.04	19.0	6.0	12...	1145	111	--	0.5
FEB 1954					JAN 1961				
15...	1015	5.5	23.0	6.5	18...	1605	95	5.0	3.5
MAR					MAR				
02...	1200	230	16.5	6.0	20...	1120	94	9.0	7.5
JUL					JUL				
12...	1100	0.32	29.0	24.5	10...	1500	3.8	--	24.0
JAN 1955					SEP				
11...	1145	78	1.5	3.0	12...	1430	1.2	--	29.0
MAR					OCT				
09...	1200	128	15.0	6.5	10...	1815	1.4	23.0	17.5
MAY					NOV				
11...	1150	5.9	21.5	13.0	08...	1420	44	5.0	9.5
JUL					JAN 1962				
05...	1130	5.5	30.0	--	15...	1125	34	--	0.0
NOV					FEB				
16...	1150	2.1	22.0	15.5	19...	1100	63	--	5.0
DEC					MAY				
13...	1350	4.8	5.5	0.0	08...	1125	7.8	--	17.5
MAY 1956					JUN				
14...	1015	36	29.0	22.0	12...	1050	1.9	--	24.0
SEP					JUL				
03...	1015	5.5	31.0	23.0	16...	1055	37	--	23.0
NOV					AUG				
06...	0940	3.0	15.5	13.0	21...	1355	1.2	--	29.5
JAN 1957					OCT				
14...	1325	52	-4.0	1.0	02...	1110	4.9	--	15.5
JUN					DEC				
06...	0955	6.8	13.5	16.0	12...	1500	41	-13.0	0.0
17...	0930	3.6	26.5	26.0					

LITTLE KANAWHA RIVER BASIN  
03154500 REEDY CREEK NEAR REEDY, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANFOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1963				
16...	1035	50	--	0.0
MAY				
21...	1055	31	--	18.5
JUL				
24...	1520	2.8	28.0	23.0
AUG				
19...	0920	4.2	--	21.0
OCT				
31...	1230	0.04	--	13.0
OCT 1964				
07...	0940	0.61	--	10.5
NOV				
17...	1530	0.04	--	11.5
JUN 1965				
02...	1335	0.84	--	23.5
JUL				
13...	1245	5.6	--	26.5
AUG				
10...	1205	0.18	--	23.0
SEP				
14...	1245	0.05	--	23.5
OCT				
19...	1200	1.3	--	15.0
DEC				
01...	1240	5.4	--	2.5
21...	0920	1.0	--	3.0
FEB 1966				
09...	0955	348	10.0	--
JUN				
27...	1020	0.19	--	25.5
AUG				
29...	0930	0.09	--	23.0
SEP				
29...	0940	0.67	--	15.5
NOV				
04...	1220	25	8.0	5.5
DEC				
15...	0825	32	0.5	1.5
JAN 1967				
24...	1020	10	16.0	5.0
MAR				
02...	1245	202	8.0	1.0
APR				
19...	1125	92	--	8.5
AUG				
04...	1400	0.69	28.5	25.0
SEP				
20...	1245	0.28	28.0	21.5
NOV				
01...	0950	2.0	13.5	15.5
DEC				
13...	0915	43	6.5	7.0
FEB 1968				
19...	1045	8.0	-7.0	0.5
JUN				
25...	1645	25	--	25.5
AUG				
23...	1545	4.9	32.0	27.5
OCT				
03...	1420	6.1	27.0	17.0
NOV				
14...	1600	34	--	6.0
DEC				
18...	1240	9.6	3.0	0.0

# LITTLE KANAWHA RIVER BASIN

03154500 REEDY CREEK NEAR REEDY, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	SPF- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1969						
29...	1120	2050	--	--	13.5	--
MAR						
19...	1000	6.8	--	--	--	5.0
JUN						
04...	1025	0.70	--	--	--	18.0
JUL						
14...	1045	8.1	190	--	26.0	25.0
AUG						
20...	1040	408	140	--	--	22.0
SEP						
22...	1200	7.9	180	7.50	22.0	23.0
OCT						
29...	1045	1.6	220	7.50	3.5	7.0
DEC						
19...	1055	45	165	7.40	4.0	1.0
JAN 1970						
28...	0905	63	130	7.28	0.0	0.0
FEB						
25...	0830	35	135	7.50	6.0	5.0
APR						
29...	1130	90	125	7.60	22.5	18.0
MAY						
21...	0910	11	165	7.50	22.0	20.5
JUL						
23...	0920	3.8	165	--	20.5	21.5
AUG						
21...	0850	0.69	155	7.50	21.0	24.5
SEP						
28...	1145	2.4	180	7.10	20.0	18.0
OCT						
21...	1210	3.9	200	7.50	14.0	12.0
NOV						
18...	0915	35	160	7.50	1.0	6.0
JAN 1971						
18...	1210	70	120	7.40	-3.0	0.5
FEB						
25...	0935	108	110	7.10	3.5	3.0
MAR						
25...	0915	36	130	7.40	-1.0	2.5
JUN						
23...	1340	3.6	170	7.40	29.0	25.0
JUL						
23...	0845	12	115	7.00	19.0	21.0
AUG						
26...	0910	3.4	--	--	21.0	21.5
SEP						
23...	0915	59	130	7.40	23.0	18.0
NOV						
15...	1010	5.6	--	--	17.5	9.0
DEC						
13...	0925	38	--	--	4.0	8.5
JAN 1972						
17...	1040	48	--	--	0.0	0.0
MAR						
23...	0900	311	--	--	-1.0	6.0
APR						
19...	1045	102	--	--	26.5	15.5
MAY						
24...	0935	20	--	--	25.0	19.0
JUL						
17...	1115	13	--	--	26.0	24.0
AUG						
24...	0910	18	150	8.80	26.0	23.0

# LITTLE KANAWHA RIVER BASIN

03154500 REEDY CREEK NEAR REEDY, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1972						
18...	1230	3.5	--	--	--	24.0
OCT						
16...	1340	6.0	--	--	18.0	10.0
JAN 1973						
26...	1130	36	--	--	--	8.0
FEB						
23...	1050	63	--	--	8.0	2.0
APR						
17...	1240	61	140	8.00	20.0	13.0
MAY						
22...	1145	17	100	7.20	22.0	17.0
JUN						
18...	1205	39	--	--	20.0	18.0
SEP						
19...	1025	7.4	--	--	19.0	18.0
OCT						
17...	1520	0.33	--	--	17.0	15.5
DEC						
19...	1045	29	--	--	1.0	0.0
JAN 1974						
23...	1450	53	160	--	9.0	8.0
FEB						
21...	1130	4.0	--	--	2.0	--
APR						
24...	1035	18	--	--	9.0	12.0
JUN						
24...	1400	312	--	--	21.0	17.0
JUL						
30...	1620	5.1	--	--	32.0	25.0
AUG						
21...	0940	4.8	--	--	25.0	22.0
SEP						
23...	1530	13	--	--	14.0	17.0
OCT						
23...	1510	5.4	--	--	18.0	11.0
NOV						
21...	0925	119	--	--	4.0	6.0
MAR 1975						
27...	1235	80	--	7.40	1.0	3.0
APR						
23...	1400	22	180	7.70	24.5	13.0
MAY						
21...	1045	36	80	--	26.0	22.0
JUN						
23...	1325	7.8	<50	--	28.0	18.0
JUL						
30...	1915	1.1	170	7.80	28.0	28.0
AUG						
27...	1735	29	180	8.00	27.0	26.0

## LITTLE KANAWHA RIVER BASIN

03155000 LITTLE KANAWHA RIVER AT PALESTINE, WV  
(National stream-quality accounting network station)

LOCATION.--Lat 39°03'35", long 81°23'25", Wirt County, Hydrologic Unit 05030203, on left bank at end of Washington Street in Elizabeth, 1.0 mi upstream from Tucker Creek, 2.3 mi northeast of Palestine, 2.4 mi upstream from old lock 3, 3, and at mile 27.9.

DRAINAGE AREA.--1,515 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--April 1915 to September 1922 (gage heights only), July to September 1939 (fragmentary), October 1939 to current year. Monthly discharge only October 1939 to September 1941, published in WSP 1305.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					APR 1950				
20...	1625	116	27.0	25.0	25...	1020	13100	26.0	13.5
AUG					JUN				
16...	1505	782	26.5	24.5	21...	1140	4700	25.5	20.0
21...	1105	98	26.5	24.0	JUL				
OCT					28...	1500	2350	30.5	23.5
08...	1730	358	17.5	18.5	SEP				
NOV					05...	1730	4490	23.5	21.5
05...	1900	1720	10.0	11.5	JAN 1951				
APR 1946					05...	1715	5280	14.5	4.5
08...	1320	837	18.0	14.5	MAR				
MAY					15...	1625	8760	4.5	3.0
06...	1820	1230	19.5	19.5	OCT				
JUL					29...	1630	17	11.0	14.5
09...	1605	232	31.0	24.5	FEB 1952				
AUG					05...	1220	9290	2.0	--
12...	1445	48	31.0	28.0	JUL				
SEP					07...	1400	516	31.0	--
11...	1400	46	25.5	24.0	NOV				
27...	1450	12	28.0	24.0	17...	1355	9.0	20.5	11.5
27...	1630	11	30.5	23.5	DEC				
OCT					15...	1510	992	-1.5	3.5
07...	1250	11	24.5	19.0	JAN 1953				
NOV					26...	1515	6070	--	5.5
05...	1230	103	16.5	14.5	JUL				
DEC					13...	1655	58	29.5	26.0
07...	1730	142	7.5	2.5	DEC				
17...	1545	783	4.5	5.5	14...	1420	6.8	2.5	3.5
JAN 1947					JUN 1954				
14...	1515	799	18.0	3.5	07...	1430	103	20.0	20.0
MAY					JUL				
20...	1400	1070	25.5	19.0	12...	1455	519	29.5	24.5
JUL					AUG				
02...	1720	78	28.5	28.5	10...	1500	856	28.0	24.0
14...	1715	427	30.0	22.0	SEP				
AUG					13...	1630	127	--	25.5
20...	1445	227	32.0	24.5	JAN 1955				
SEP					11...	1535	2200	0.0	--
22...	1840	321	15.5	18.5	MAR				
OCT					09...	1500	5550	20.0	--
20...	1630	36	26.5	19.5	MAY				
AUG 1948					11...	1500	316	20.5	21.0
10...	1805	611	25.5	23.0	JUL				
SEP					05...	1400	184	30.0	--
17...	1440	193	31.0	24.0	AUG				
OCT					09...	1610	283	28.0	28.0
27...	1600	167	20.5	11.5	OCT				
APR 1949					12...	1200	276	29.0	17.0
25...	1600	2320	21.0	14.0	NOV				
MAY					16...	1430	135	19.5	13.0
16...	1230	324	26.5	20.5	DEC				
JUN					13...	1615	256	5.5	0.0
06...	1455	186	32.5	24.0	JAN 1956				
SEP					09...	1300	122	1.0	0.0
22...	1820	58	23.5	21.0	FEB				
FEB 1950					13...	1630	2170	8.0	--
02...	0930	32700	6.0	7.0	APR				
03...	0935	20800	0.0	6.5	09...	1330	6410	7.5	6.0
20...	1315	1190	-1.0	5.5	MAY				
MAR					14...	1500	2760	31.0	21.5
27...	1300	3010	--	10.0					



## LITTLE KANAWHA RIVER BASIN

03155000 LITTLE KANAWHA RIVER AT PALESTINE, WV--Continued  
(National stream-quality accounting network station)

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1956				
18...	1450	1990	30.0	24.0
SEP				
07...	1315	292	30.0	25.5
MAY 1957				
06...	1255	356	18.0	13.5
JUN				
17...	1225	422	33.5	27.5
SEP				
11...	0815	2.4	20.5	21.0
JUN 1959				
16...	1505	142	23.0	--
AUG				
24...	1415	31	34.5	31.5
OCT				
12...	1400	6.4	16.5	22.0
24...	1650	70	13.0	15.5
NOV				
16...	1400	213	--	9.0
JAN 1960				
06...	1440	3250	1.0	--
06...	1645	3070	3.5	--
07...	1115	2220	1.5	--
MAR				
21...	1550	4110	-0.5	--
JUL				
26...	1610	116	--	29.5
AUG				
29...	1520	183	--	26.5
OCT				
04...	1400	80	--	20.0
DEC				
12...	1640	426	--	0.5
JAN 1961				
18...	1440	4260	4.5	--
JUL				
11...	1205	227	--	24.5
OCT				
10...	1610	223	29.0	18.5
NOV				
08...	1040	1660	3.5	11.5
MAY 1962				
08...	1715	345	--	20.0
JUN				
12...	1445	215	--	25.0
JUL				
16...	1430	229	--	26.0
AUG				
21...	1715	86	--	28.5
JUN 1963				
17...	1320	406	--	23.0
JUL				
24...	1255	463	26.5	21.5
AUG				
19...	1230	226	--	23.0
SEP				
25...	1240	40	--	20.5
OCT				
31...	0930	3.3	--	10.0
OCT 1964				
06...	1710	220	--	17.0
NOV				
17...	1410	15	--	13.5
JUN 1965				
02...	1030	77	--	25.0

# LITTLE KANAWHA RIVER BASIN

03155000 LITTLE KANAWHA RIVER AT PALESTINE, WV--Continued  
(National stream-quality accounting network station)

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPF- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1965						
13...	1005	310	--	--	--	26.0
AUG						
10...	0950	18	--	--	--	24.0
SEP						
14...	1045	62	--	--	--	24.5
OCT						
19...	1010	63	--	--	--	15.0
DEC						
01...	1030	231	--	--	--	5.0
21...	1200	58	--	--	--	3.5
FEB 1966						
08...	1720	122	--	--	--	0.5
MAY						
24...	1215	485	--	--	--	23.0
JUN						
27...	1307	30	--	--	--	24.5
JUL						
27...	1245	7.0	--	--	--	28.5
AUG						
29...	1220	44	--	--	--	25.5
SEP						
26...	1555	35	--	--	--	19.5
NOV						
04...	0930	170	--	--	9.0	8.0
DEC						
15...	1220	1170	--	--	2.5	4.5
JAN 1967						
24...	1300	301	--	--	-4.0	2.5
APR						
19...	1350	2330	--	--	--	6.5
AUG						
08...	0940	517	--	--	30.0	26.0
SEP						
20...	1150	24	--	--	26.5	21.5
NOV						
02...	0900	293	--	--	12.5	10.5
DEC						
13...	1520	3040	--	--	4.5	3.0
JUN 1968						
25...	1500	425	--	--	31.0	25.0
AUG						
23...	1420	232	--	--	34.5	31.0
OCT						
02...	1615	287	--	--	21.0	16.0
09...	1240	178	--	--	20.0	16.0
NOV						
14...	1300	875	--	--	--	6.0
DEC						
17...	1535	446	--	--	4.0	1.0
MAR 1969						
18...	1200	396	--	--	16.0	5.0
JUN						
04...	0910	120	--	--	--	22.0
JUL						
14...	1430	706	120	--	28.0	26.0
AUG						
20...	1410	3000	160	--	--	23.0
SEP						
22...	1430	154	168	7.55	24.0	23.0
OCT						
29...	0920	185	220	7.50	-1.0	9.0
DEC						
16...	1500	1980	115	7.40	1.0	3.0

# LITTLE KANAWHA RIVER BASIN

03155000 LITTLE KANAWHA RIVER AT PALESTINE, WV--Continued  
(National stream-quality accounting network station)

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
FEB 1970							
27...	0940	816	--	--	--	4.0	--
APR 22...	0915	1280	120	7.40	14.0	16.0	--
MAY 20...	1310	529	162	7.85	29.0	21.0	--
JUN 25...	0910	195	170	7.30	20.0	24.5	--
AUG 20...	1340	71	160	7.70	31.5	28.0	--
SEP 28...	1335	169	210	7.00	19.5	23.0	--
OCT 21...	1110	112	165	7.60	13.0	14.5	--
FEB 1971							
24...	--	4500	95	7.00	3.5	6.5	--
JUN 04...	1235	354	--	--	31.0	22.0	--
AUG 25...	1120	80	--	--	25.5	24.5	--
NOV 15...	1250	322	--	--	26.0	8.5	--
DEC 16...	1030	1050	--	--	13.5	--	--
JUL 1972							
17...	1425	278	125	--	27.0	26.0	--
OCT 16...	1145	721	--	--	18.0	--	--
MAR 1973							
26...	1410	2710	100	--	17.5	8.5	--
OCT 18...	1225	165	--	--	20.5	16.0	--
MAR 1974							
20...	1235	4680	--	--	12.0	5.5	--
APR 24...	1335	486	--	--	17.0	15.0	--
MAR 1975							
27...	1530	3100	--	--	1.5	3.0	--
MAY 21...	1330	2210	130	--	--	21.0	--
JUL 30...	1415	93	140	8.00	34.5	29.5	8.0
AUG 27...	1505	98	200	7.80	30.0	28.5	--

## LITTLE KANAWHA RIVER BASIN

03155500 HUGHES RIVER AT CISCO, WV

LOCATION.--Lat 39°07'10", long 81°16'40", Ritchie County, Hydrologic Unit 05030203, on right bank 100 ft downstream from confluence of North and South Forks, 1.0 mi upstream from Cisco, 5.0 mi south of Petroleum, and at mile 14.0.

DRAINAGE AREA.--452 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--May 1915 to September 1922 (gage height only), October 1928 to September 1931, October 1938 to current year. Monthly discharge only for some periods, published in WSP 1305. Prior to October 1965, published as "at Cisko".

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CF5)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CF5)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1945					APR 1950				
20...	1150	455	25.0	21.0	25...	1355	1380	23.0	15.0
JUL					JUN				
20...	1150	11	28.0	26.0	21...	1640	617	27.5	21.0
AUG					JAN 1951				
07...	1620	830	28.0	23.5	05...	1225	2160	17.5	7.0
23...	1310	9.7	25.0	24.5	MAR				
SEP					16...	1330	1850	10.0	3.5
11...	1530	23	28.0	24.5	APR				
OCT					21...	1030	278	20.0	11.5
10...	1200	276	14.5	13.0	MAY				
NOV					18...	0925	151	21.5	19.5
06...	1325	235	21.5	9.0	JUN				
APR 1946					21...	1300	106	30.0	22.0
10...	1700	152	13.0	14.0	JUL				
JUN					29...	1235	33	28.0	--
05...	1630	512	22.0	24.0	SEP				
SEP					24...	1610	5.2	23.0	19.5
11...	1710	2.2	21.0	24.0	FEB 1952				
27...	1005	1.8	21.5	17.0	05...	1650	4080	1.5	--
OCT					MAR				
08...	1035	2.4	16.5	14.5	18...	1430	256	8.5	4.5
NOV					APR				
05...	1700	16	18.0	15.5	22...	1315	242	14.5	27.0
19...	1545	39	8.5	5.5	NOV				
DEC					17...	1545	2.4	23.0	13.5
17...	0955	162	5.5	3.5	DEC				
JAN 1947					15...	1720	144	--	1.5
14...	1015	325	5.5	2.0	MAR 1953				
MAY					09...	1530	344	9.0	4.5
20...	0940	240	24.5	20.0	JUN				
JUN					01...	1445	9.3	19.5	22.0
30...	0900	104	14.0	18.5	JUL				
JUL					13...	0700	33	--	24.0
15...	1250	23	29.5	25.5	DEC				
AUG					15...	1700	37	--	3.5
19...	1750	44	35.5	25.5	FEB 1954				
SEP					15...	1350	24	23.0	9.0
23...	1305	83	15.5	18.5	MAY				
OCT					17...	1410	123	24.0	17.0
03...	1040	21	24.0	12.0	JUL				
AUG 1948					12...	1640	29	29.5	26.5
18...	1205	43	30.0	22.0	AUG				
SEP					10...	1700	158	23.0	23.5
16...	1815	8.5	24.5	21.0	NOV				
APR 1949					10...	1125	126	--	5.5
26...	1030	330	21.0	13.5	DEC				
MAY					07...	1225	125	0.0	0.0
16...	1800	55	21.0	22.0	JAN 1955				
JUN					11...	1730	605	--	3.5
07...	1020	40	24.0	20.5	MAR				
SEP					09...	1730	1030	18.0	--
22...	1215	7.3	15.5	16.5	APR				
NOV					05...	1710	142	20.0	--
17...	1450	24	6.5	7.0	MAY				
JAN 1950					11...	1700	82	20.0	20.5
26...	1740	480	9.0	9.5	JUN				
FEB					07...	1640	32	16.5	21.0
21...	1020	367	6.5	1.5	JUL				
MAR					05...	1550	10	--	28.5
28...	1015	754	18.0	10.5					

LITTLE KANAWHA RIVER BASIN  
03155500 HUGHES RIVER AT CISCO, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
AUG 1955					MAY 1963				
09...	1745	12	25.5	26.5	22...	0905	125	--	18.0
CCT					JUN				
12...	1515	32	29.5	15.5	17...	1530	73	--	21.5
DEC					JUL				
14...	1155	42	5.5	0.5	24...	0810	108	21.0	21.0
APR 1956					SEP				
10...	1455	842	18.0	8.5	25...	0835	8.0	4.0	12.0
JUN					OCT				
11...	1510	90	31.5	24.5	30...	1515	0.84	--	11.5
JUL					JUL 1964				
16...	1500	34	30.5	23.5	20...	1330	22	--	25.5
SEP					OCT				
04...	1400	84	31.0	23.5	07...	1210	22	--	10.0
NOV					NOV				
06...	1550	34	20.5	13.5	18...	1100	3.2	--	9.5
JAN 1957					JUN 1965				
15...	1605	308	--	0.0	03...	1010	97	--	20.5
MAY					JUL				
06...	1420	62	19.5	15.0	14...	0945	29	--	24.0
JUN					AUG				
17...	1345	19	34.5	26.5	05...	1305	3.0	--	20.5
SEP					11...	0900	28	--	20.0
05...	1430	0.22	--	31.5	SEP				
10...	0905	0.04	24.5	21.0	15...	0845	61	--	21.0
MAR 1958					OCT				
21...	1610	112	0.0	--	20...	1000	18	--	13.0
JUN					DEC				
17...	1025	113	22.0	18.5	21...	1410	32	--	3.5
NOV					FEB 1966				
06...	0920	90	--	9.0	08...	1005	34	3.5	0.0
JUL 1959					JUN				
20...	1525	8.3	--	27.5	27...	1525	4.2	--	25.5
AUG					JUL				
24...	1620	11	28.0	28.0	27...	1525	1.9	--	29.0
NOV					SEP				
16...	1600	25	--	8.5	27...	1450	0.45	--	15.0
AUG 1960					NOV				
29...	1705	43	--	25.0	04...	1610	11	7.0	4.5
OCT					DEC				
04...	1535	8.1	--	16.5	15...	1825	176	1.0	2.0
NOV					JAN 1967				
10...	0935	201	--	5.5	24...	1605	41	20.0	5.5
JAN 1961					AUG				
18...	1045	842	3.0	--	07...	1415	170	28.0	19.5
JUL					SEP				
11...	1340	33	--	24.0	20...	0840	3.4	23.5	20.5
SEP					NOV				
12...	1125	9.8	--	25.0	01...	1720	39	15.0	11.5
13...	1425	8.2	--	26.0	DEC				
19...	1515	7.0	--	18.5	01...	1445	370	1.0	3.0
OCT					AUG 1968				
10...	1450	16	26.5	17.0	21...	1415	90	32.5	26.0
NOV					OCT				
07...	1510	364	2.5	10.0	02...	1240	17	20.0	16.0
JAN 1962					09...	1500	89	24.0	16.0
15...	1600	192	--	0.0	11...	1230	60	15.0	15.0
MAY					NOV				
10...	1200	63	--	16.0	13...	1640	492	12.0	0.5
JUN					DEC				
12...	1635	23	--	23.5	17...	1230	91	3.0	1.0
JUL					JAN 1969				
16...	1620	30	--	23.5	28...	1545	259	5.0	--
OCT					MAR				
04...	1050	61	--	15.0	18...	0935	50	--	4.0
JAN 1963					JUN				
30...	1430	98	--	0.0	03...	0815	22	11.0	18.0

**LITTLE KANAWHA RIVER BASIN**  
**03155500 HUGHES RIVER AT CISCO, WV--Continued**

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
SEP 1969							
22...	1710	6.8	195	7.45	24.0	20.0	--
OCT							
28...	0850	8.9	275	7.20	-1.0	7.0	--
FEB 1970							
24...	1330	314	110	7.30	12.5	4.0	--
APR							
21...	1000	263	140	7.40	16.0	14.5	--
MAY							
20...	1000	139	180	7.45	17.5	18.0	--
JUN							
24...	0925	23	195	7.30	16.5	20.0	--
JUL							
20...	1125	58	220	7.10	21.5	23.0	--
AUG							
20...	0940	36	220	7.50	23.5	23.0	--
SEP							
29...	0850	166	180	7.00	6.0	15.0	--
OCT							
21...	0910	55	200	7.60	11.0	11.0	--
MAR 1971							
22...	1130	258	140	7.30	9.0	5.0	--
MAY							
26...	0915	135	180	7.50	16.5	17.5	--
JUN							
23...	0900	14	190	7.30	18.0	22.0	--
JUL							
22...	0855	106	200	7.30	15.0	19.5	--
AUG							
25...	0850	13	--	--	13.0	19.0	--
OCT							
19...	0955	26	--	--	8.5	14.0	--
NOV							
17...	1140	53	--	--	17.0	8.5	--
JAN 1972							
19...	0900	346	--	--	--	0.5	--
MAY							
22...	1605	230	--	--	29.0	20.0	--
JUL							
19...	1245	97	--	--	33.0	26.0	--
AUG							
23...	0915	180	150	8.70	22.0	22.5	7.0
OCT							
19...	1415	26	--	--	3.0	7.0	--
MAY 1973							
21...	1315	139	170	8.10	25.0	15.5	--
AUG							
20...	1345	165	--	--	25.0	22.0	--
SEP							
20...	1310	24	--	--	20.0	19.0	--
OCT							
18...	1420	20	--	--	22.5	14.0	--
AUG 1974							
21...	1320	33	--	--	30.0	22.0	--
SEP							
23...	1250	133	--	--	14.0	15.0	--
OCT							
23...	1055	46	--	--	8.5	7.0	--
APR 1975							
23...	1055	173	200	7.50	23.5	13.0	--
MAY							
21...	1525	226	90	--	--	--	--
JUN							
23...	1200	77	80	--	28.0	17.0	--
JUL							
29...	1245	18	200	7.90	27.5	24.0	--
AUG							
27...	1335	35	180	6.30	33.0	24.5	7.0

## KANAWHA RIVER BASIN

03178500 CAMP CREEK NEAR CAMP CREEK, WV

LOCATION.--Lat 37°30'15", long 81°07'40", Mercer County, on left bank 1,500 ft downstream from Mash Fork, 2.1 mi upstream from Camp Creek, and at mile 4.0.

DRAINAGE AREA.--32.0 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--August 1946 to September 1971.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1946					MAY 1949				
24...	1650	1.8	30.5	26.5	11...	0955	89	13.0	12.5
AUG					JUN				
12...	1355	0.94	28.0	23.5	24...	1400	6.0	30.5	26.0
17...	1405	0.42	28.0	25.0	JUL				
SEP					22...	1400	2.2	30.0	27.5
11...	1325	2.4	26.5	25.5	AUG				
19...	1415	0.04	21.5	32.0	18...	1705	32	26.5	26.0
OCT					OCT				
15...	1245	0.14	16.5	11.5	18...	1320	4.0	21.0	16.5
NOV					NOV				
15...	1735	0.52	10.5	5.5	18...	0915	20	1.0	3.0
DEC					DEC				
12...	1700	1.3	21.0	18.0	20...	0930	70	4.5	3.0
JAN 1947					JAN 1950				
09...	1715	35	-3.0	1.5	16...	1130	164	5.0	6.5
20...	1715	765	9.5	7.5	FEB				
21...	1155	261	--	4.0	22...	1315	26	10.5	4.5
21...	1655	218	-4.0	4.0	MAR				
APR					30...	1215	87	6.0	5.5
23...	1700	18	22.5	15.5	JUL				
MAY					29...	1840	56	29.0	21.5
08...	1300	30	10.5	13.0	SEP				
JUN					01...	1645	3.8	26.0	24.5
09...	1155	4.4	26.5	21.5	OCT				
JUL					06...	1300	2.4	29.5	15.0
07...	1420	3.4	22.0	21.0	NOV				
AUG					09...	1500	8.8	22.5	14.0
04...	1110	121	29.0	20.0	DEC				
SEP					22...	1605	14	6.5	0.0
05...	0850	2.1	19.5	19.0	JAN 1951				
OCT					30...	1155	31	14.0	3.5
01...	1230	1.4	21.0	5.0	FEB				
NOV					28...	0750	4.0	9.0	3.5
04...	1330	4.6	10.5	11.0	MAY				
08...	1420	4.8	5.5	7.0	03...	1355	86	26.5	16.5
DEC					30...	1040	98	28.5	14.5
09...	1120	9.8	-1.0	0.5	JUN				
JAN 1948					29...	1030	24	26.0	19.5
09...	1530	13	7.5	1.5	JUL				
MAR					30...	1220	4.2	29.5	24.5
05...	1250	22	4.0	4.0	AUG				
APR					29...	1035	3.2	29.5	20.5
01...	1100	49	18.5	11.0	SEP				
MAY					30...	1245	1.2	28.0	15.5
14...	1000	29	15.0	13.5	OCT				
JUN					30...	1120	0.64	20.0	11.0
15...	1145	3.3	26.5	22.0	NOV				
JUL					29...	0930	16	9.0	0.5
09...	1005	2.5	24.5	21.0	JAN 1952				
AUG					05...	0925	73	5.5	4.5
16...	1130	3.0	26.0	20.5	28...	1300	362	13.0	6.5
SEP					FEB				
09...	1525	0.27	25.5	25.5	27...	1220	23	9.0	2.5
OCT					APR				
12...	1410	1.2	14.0	13.0	04...	1020	26	15.0	6.5
NOV					28...	1200	622	24.0	12.5
04...	1600	1.8	17.0	13.0	JUN				
APR 1949					05...	0940	10	26.5	18.0
15...	1250	110	24.0	14.0	30...	1335	2.5	32.0	28.0

## KANAWHA RIVER BASIN

03178500 CAMP CREEK NEAR CAMP CREEK, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1952					MAY 1957				
05...	1025	0.40	23.5	18.0	01...	1405	76	28.5	17.5
11...	1350	0.05	25.5	24.5	28...	1045	15	22.5	18.0
30...	1330	0.19	31.0	21.0	JUL				
OCT					29...	1230	7.5	29.5	23.5
29...	1315	0.16	2.0	6.5	AUG				
MAR 1953					22...	1145	2.9	25.5	20.5
31...	1320	34	20.0	10.5	SEP				
APR					30...	1225	114	20.0	13.0
28...	1525	31	19.5	14.5	OCT				
MAY					29...	1050	19	17.5	4.5
07...	1520	34	22.5	12.5	DEC				
JUN					04...	1420	79	4.0	0.0
03...	1430	5.5	25.0	20.0	JAN 1958				
JUL					07...	1215	26	-2.0	0.0
02...	1240	4.7	31.0	25.5	28...	1340	62	--	1.0
29...	1320	0.31	32.5	30.5	MAY				
DEC					06...	1130	739	15.5	10.0
02...	1510	0.46	4.5	0.5	JUN				
28...	1440	3.5	9.0	0.0	04...	1340	12	23.0	18.0
FEB 1954					JUL				
28...	1740	25	10.0	4.0	03...	1045	2.0	--	21.5
MAR					28...	1330	32	21.5	24.5
29...	1430	60	--	11.0	OCT				
AUG					28...	1435	4.8	--	10.0
29...	1715	3.9	25.0	21.0	DEC				
NOV					03...	1345	8.2	3.5	1.5
29...	1330	127	4.0	4.0	FEB 1959				
DEC					04...	1500	28	0.0	3.5
28...	1430	54	14.0	2.5	JUN				
JAN 1955					04...	1055	56	--	14.5
31...	1330	22	1.0	0.0	AUG				
FEB					31...	1340	11	--	23.5
05...	1330	68	8.0	1.5	OCT				
MAR					27...	1305	81	--	8.5
03...	1410	147	6.5	2.5	NOV				
29...	1230	56	5.5	--	23...	1305	13	7.5	4.5
APR					DEC				
28...	1620	65	20.0	--	28...	1315	28	--	8.0
MAY					FEB 1960				
31...	1345	5.8	20.0	18.5	08...	1340	102	--	4.5
OCT					MAY				
31...	1245	0.01	15.5	10.0	03...	1300	19	21.0	14.5
NOV					JUN				
29...	1555	0.32	-8.0	0.0	27...	1310	22	--	20.0
JAN 1956					AUG				
05...	1505	2.4	5.5	0.5	04...	0920	0.47	--	23.0
30...	1200	128	13.5	0.0	29...	1410	0.41	29.5	27.5
FEB					SEP				
27...	1550	98	10.0	7.5	27...	1245	0.73	--	17.5
APR					NOV				
05...	0945	56	11.0	8.5	28...	1330	2.3	--	6.5
30...	1430	20	20.5	14.5	JAN 1961				
MAY					31...	1415	9.5	--	0.0
29...	1140	166	24.5	14.5	FEB				
JUL					27...	1150	185	--	5.5
04...	1605	12	31.0	26.0	MAR				
30...	1350	45	24.0	19.5	28...	1035	56	--	8.0
AUG					MAY				
28...	1635	0.68	24.5	23.0	04...	1055	81	--	8.0
OCT					JUN				
03...	1505	5.2	20.5	17.5	02...	1135	8.8	--	17.5
JAN 1957					26...	1405	11	--	14.0
04...	1150	24	9.0	0.0	AUG				
10...	1300	516	1.5	5.0	03...	1050	9.5	--	21.0
28...	1240	432	9.0	5.5	28...	1310	3.2	--	23.5
FEB									
25...	1200	59	16.5	6.5					



## KANAWHA RIVER BASIN

03178500 CAMP CREEK NEAR CAMP CREEK, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1961					JUN 1966				
25...	1305	0.25	31.0	25.0	27...	1240	1.5	--	25.0
NOV					AUG				
03...	1410	6.7	--	18.0	01...	1440	1.5	28.0	24.5
27...	1300	29	--	6.5	29...	1210	0.76	22.5	19.0
DEC					NOV				
27...	1305	26	--	0.0	01...	0950	13	9.0	6.0
JAN 1962					28...	1335	121	4.5	6.0
29...	1430	88	--	3.5	DEC				
FEB					27...	1240	17	-4.0	0.0
26...	1230	213	--	6.0	FEB 1967				
MAR					02...	1050	42	11.5	6.0
27...	1300	43	--	8.0	MAR				
MAY					02...	1045	54	8.5	0.5
03...	1020	52	--	9.5	27...	1310	40	18.5	9.5
29...	1105	41	--	15.0	APR				
JUN					24...	1100	103	9.0	10.0
26...	1020	44	--	15.0	MAY				
AUG					29...	1045	24	24.0	18.5
06...	1245	5.9	--	23.5	JUN				
SEP					27...	1130	4.9	24.0	18.0
05...	1330	16	--	20.0	JUL				
27...	1510	3.4	12.0	13.5	24...	1140	2.0	28.0	23.0
OCT					SEP				
29...	1245	4.8	13.0	8.5	26...	1130	0.84	18.5	12.5
NOV					OCT				
26...	1345	43	6.5	4.5	30...	1045	15	9.5	4.5
JAN 1963					NOV				
28...	1445	25	--	0.0	27...	1240	54	1.0	2.5
FEB					JAN 1968				
25...	1135	32	--	0.5	10...	1130	38	-2.0	3.0
MAR					29...	1220	94	5.5	2.5
27...	1050	56	--	5.5	FEB				
MAY					26...	1140	6.3	-12.0	1.0
27...	1030	22	15.5	13.0	MAR				
JUN					25...	1155	84	4.5	2.5
24...	1300	5.7	30.0	20.0	APR				
JUL					22...	1205	19	--	4.0
29...	1020	4.4	--	20.5	JUN				
AUG					24...	1205	6.2	26.5	19.0
26...	1145	20	--	17.5	JUL				
SEP					22...	1205	1.7	25.5	23.0
30...	1335	2.6	15.5	14.5	AUG				
OCT					29...	1420	0.28	26.0	22.5
28...	1250	0.34	--	15.0	SEP				
FEB 1964					23...	1145	0.38	20.5	18.0
25...	1220	28	-1.0	0.0	OCT				
MAY					21...	1300	6.3	19.5	11.5
25...	1145	8.4	--	20.0	NOV				
JUN					25...	1230	14	3.5	4.5
26...	1235	0.59	28.0	25.0	DEC				
JUL					23...	1115	58	0.0	0.5
28...	1200	0.39	32.5	--	JAN 1969				
OCT					08...	1200	13	2.0	0.0
27...	1220	0.91	--	9.5	20...	1345	34	0.0	0.5
APR 1965					FEB				
28...	1445	119	8.0	9.0	24...	1230	18	0.5	3.0
JUL					MAR				
26...	1115	0.87	--	24.0	24...	1300	51	4.5	5.0
AUG					APR				
30...	1200	0.31	18.5	16.0	22...	1230	84	15.0	10.0
OCT					MAY				
28...	1100	2.1	9.5	5.5	26...	1200	17	21.0	14.0
MAY 1966					JUN				
31...	1025	6.0	--	13.5	23...	1310	12	18.0	18.0

## KANAWHA RIVER BASIN

03178500 CAMP CREEK NEAR CAMP CREEK, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
JAN 1970							
27...	1515	165	35	7.00	7.0	2.0	--
FEB							
24...	1145	48	70	7.90	2.0	2.0	--
MAR							
23...	1310	43	48	7.30	4.0	5.0	--
APR							
27...	1200	113	42	7.20	22.0	13.0	--
MAY							
26...	1135	10	65	7.00	23.0	15.5	--
JUN							
22...	1320	5.1	80	7.30	23.0	20.0	--
JUL							
27...	1115	0.99	125	7.10	26.0	24.0	--
AUG							
24...	1300	1.6	140	7.40	20.0	19.0	--
SEP							
21...	1200	2.8	130	7.20	23.0	18.0	--
OCT							
26...	0900	0.67	130	7.30	9.0	10.0	--
NOV							
30...	1340	3.5	85	7.80	17.0	8.0	--
DEC							
28...	1135	16	50	7.00	-4.0	0.5	--
JAN 1971							
25...	1220	101	42	7.80	5.0	2.0	--
FEB							
22...	1335	156	45	7.00	0.0	2.0	--
MAR							
22...	1315	49	60	6.80	10.0	5.0	--
APR							
26...	1145	20	65	7.60	21.0	9.0	--
MAY							
28...	0905	17	60	7.30	10.0	17.0	--
JUN							
21...	1305	26	55	7.20	27.0	20.0	--
JUL							
30...	0905	5.9	--	--	18.0	17.0	--
AUG							
23...	1055	3.6	--	--	28.0	18.0	--
SEP							
28...	1245	5.1	--	--	23.0	18.0	--
OCT							
26...	1030	82	46	--	14.0	13.0	9.0
NOV							
22...	1100	7.2	--	--	-6.0	3.0	--
DEC							

## KANAWHA RIVER BASIN

03179000 BLUESTONE RIVER NEAR PIPESTEM, WV

LOCATION.--Lat 37°32'38", long 81°00'38", Summers County, Hydrologic Unit  
05050002, on left bank 1.2 mi downstream from Mountain Creek, 2.5 mi west of  
Pipestem, and at mile 10.6.

DRAINAGE AREA.--394 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--July 1950 to current year.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1950				
04...	0940	60	21.0	18.0
NOV				
07...	1130	127	24.0	10.0
FEB 1951				
01...	1220	1610	9.0	6.5
MAR				
01...	1230	465	20.0	11.5
APR				
01...	1200	1380	21.5	13.0
JUN				
01...	1235	338	28.0	21.5
JUL				
01...	1220	471	22.5	22.5
AUG				
01...	1040	65	28.0	25.5
31...	1130	88	32.5	23.5
OCT				
01...	1035	42	31.0	18.0
16...	1000	20	27.0	12.0
DEC				
01...	1130	12	12.0	2.0
JAN 1952				
02...	1010	232	11.0	7.5
MAR				
01...	1450	404	18.0	6.5
APR				
01...	1030	382	22.0	11.0
JUN				
02...	0910	193	26.0	20.0
JUL				
01...	0935	52	25.5	24.0
SEP				
11...	0925	17	18.0	16.5
NOV				
01...	1420	18	18.5	6.5
FEB 1953				
22...	1300	3950	6.0	7.5
JUN				
01...	1040	187	24.0	10.0
JUL				
01...	1100	406	29.0	--
31...	1030	45	29.5	24.5
AUG 1954				
31...	1550	47	--	23.5
NOV				
01...	0930	136	1.0	5.0
DEC				
01...	1100	365	8.0	--
APR 1955				
30...	1200	486	20.0	--
JUN				
30...	0940	48	24.5	--
SEP				
01...	1215	19	23.5	23.0
DEC				
01...	1010	20	-8.0	0.0

KANAWHA RIVER BASIN  
03179000 BLUESTONE RIVER NEAR PIPESTEM, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
FEB 1956						
01...	0800	525	--	--	-4.0	0.0
JUN						
01...	1350	456	--	--	23.0	19.0
AUG						
01...	1200	143	--	--	26.0	23.5
OCT						
01...	1200	161	--	--	23.5	16.5
DEC						
01...	1055	120	--	--	4.5	0.5
JAN 1957						
02...	1000	248	--	--	-7.0	0.0
FEB						
01...	1030	7090	--	--	13.0	9.0
28...	1100	581	--	--	13.5	9.0
MAY						
01...	0900	443	--	--	21.0	16.5
31...	0815	62	--	--	18.5	23.5
JUL						
31...	0855	61	--	--	26.0	24.0
AUG						
31...	0830	17	--	--	28.0	23.0
OCT						
31...	1010	183	--	--	23.0	8.5
DEC						
02...	1055	208	--	--	5.5	3.5
31...	1045	512	--	--	-3.0	1.5
JUN 1958						
02...	1145	163	--	--	21.5	21.0
JUL						
01...	1035	60	--	--	28.0	23.0
31...	1030	105	--	--	--	25.0
OCT						
01...	1040	43	--	--	14.5	15.5
DEC						
01...	1010	73	--	--	-6.0	-1.0
FEB 1959						
02...	1020	182	--	--	-9.0	1.5
NOV						
29...	1040	1050	--	--	-7.0	--
JUN 1960						
01...	1125	152	--	--	--	19.5
AUG						
02...	1100	35	--	--	--	25.5
31...	0930	27	309	7.90	28.0	26.0
SEP						
30...	1025	19	--	--	--	19.0
NOV						
01...	1045	32	--	--	--	10.5
DEC						
01...	1140	56	--	--	--	2.0
FEB 1961						
01...	1115	77	--	--	--	0.0
JUN						
01...	1125	128	--	--	--	17.0
29...	1110	112	--	--	--	21.0
AUG						
01...	1125	205	--	--	--	24.5
31...	1110	68	--	--	--	24.0
SEP						
29...	1100	23	--	--	--	18.5
NOV						
01...	1120	98	--	--	--	14.0
30...	1125	221	--	--	--	1.5

## KANAWHA RIVER BASIN

03179000 BLUESTONE RIVER NEAR PIPESTEM, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
AUG 1962						
31...	1120	41	--	--	--	23.0
SEP						
29...	1055	55	--	--	15.5	13.5
DEC						
01...	1050	208	--	--	6.5	3.0
MAY 1963						
01...	0950	137	--	--	--	11.0
JUN						
26...	0950	62	--	--	--	21.5
JUL						
31...	0955	64	--	--	21.0	21.5
AUG						
29...	1000	44	--	--	--	21.0
OCT						
02...	1140	37	--	--	--	15.0
30...	1055	16	--	--	--	8.5
DCT 1964						
30...	1020	39	--	--	--	13.0
JUL 1965						
29...	0920	37	--	--	--	23.5
AUG						
31...	0905	32	--	--	18.0	18.5
DEC						
01...	0930	43	--	--	25.0	--
28...	1015	22	--	--	-6.0	--
AUG 1966						
03...	0950	54	--	--	--	21.5
SEP						
02...	0930	37	--	--	19.5	19.0
29...	1000	1400	--	--	16.5	16.0
OCT						
05...	1040	56	--	--	--	15.0
NOV						
03...	1100	3050	--	--	3.5	8.5
JAN 1967						
04...	1145	1180	--	--	3.0	4.0
APR						
26...	1050	389	--	--	8.0	9.0
JUN						
06...	1000	558	--	--	24.0	16.5
MAR 1968						
21...	1200	649	--	--	--	10.5
APR						
25...	1200	443	--	--	12.0	14.0
JUL						
24...	1215	47	--	--	28.5	25.5
OCT						
16...	1135	24	--	--	19.0	16.0
NOV						
27...	1035	90	--	--	10.0	5.0
JAN 1969						
09...	1100	89	--	--	0.0	6.0
FEB						
19...	1050	192	--	--	6.0	1.0
MAR						
18...	1055	311	--	--	7.0	4.0
JUN						
10...	1130	99	--	--	20.5	23.0
JUL						
18...	1040	50	250	--	--	29.0
AUG						
29...	1045	35	318	--	18.0	20.0
OCT						
10...	1025	43	420	8.00	6.5	12.0

## KANAWHA RIVER BASIN

03179000 BLUESTONE RIVER NEAR PIPESTEM, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
NOV 1969						
21...	1035	210	220	7.80	0.0	0.5
JAN 1970						
27...	1050	1250	170	7.40	6.0	0.0
MAR						
11...	1100	184	240	8.60	10.5	8.5
JUN						
04...	1230	152	320	8.10	21.0	22.0
JUL						
10...	1050	56	310	8.20	22.0	20.0
AUG						
28...	1035	48	450	8.50	19.5	21.5
SEP						
29...	1050	112	315	7.40	13.0	15.0
NOV						
10...	1050	138	260	7.30	12.0	10.5
JAN 1971						
27...	1055	782	150	7.50	-20.0	0.0
MAR						
03...	1145	1230	125	7.20	5.5	6.5
APR						
14...	0925	600	160	7.30	12.0	12.0
MAY						
27...	1205	256	270	8.00	14.0	17.0
AUG						
11...	1050	97	280	7.40	20.0	23.0
SEP						
24...	1030	73	--	--	19.5	18.0
OCT						
21...	1010	79	--	--	19.0	15.0
NOV						
18...	1020	97	--	--	7.0	7.0
DEC						
21...	1050	546	--	--	17.0	5.0
FEB 1972						
23...	1000	1800	--	--	2.0	4.0
MAR						
28...	1130	385	--	--	10.0	6.0
APR						
25...	1010	739	--	--	11.0	10.0
JUL						
12...	1035	214	--	--	21.0	22.0
25...	0935	95	--	--	25.0	21.0
AUG						
22...	1015	467	--	--	21.0	19.0
OCT						
26...	0930	210	--	--	10.0	9.0
NOV						
27...	1150	578	--	--	10.0	4.0
JAN 1973						
23...	0920	264	--	--	5.0	3.0
APR						
24...	1130	359	205	8.00	22.0	17.0
MAY						
22...	1120	182	250	9.00	23.0	16.0
JUN						
28...	1130	147	275	8.30	25.5	22.0
AUG						
22...	1140	400	--	7.60	22.0	18.0
SEP						
26...	1105	46	340	--	23.0	20.0
OCT						
25...	1015	48	--	--	5.0	10.0
MAR 1974						
27...	0930	691	--	--	10.0	6.0

## KANAWHA RIVER BASIN

03179000 BLUESTONE RIVER NEAR PIPESTEM, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAY 1974						
29...	1145	183	--	--	24.0	19.0
JUN						
25...	1040	141	--	--	18.0	18.0
SEP						
05...	1200	97	--	--	18.0	18.0
OCT						
09...	1010	33	--	--	11.0	9.0
MAR 1975						
12...	1145	1840	160	--	9.0	5.0
JUL						
01...	0955	103	280	7.50	20.0	22.0
AUG						
28...	1420	49	360	9.00	27.0	27.0
SEP						
17...	1130	65	280	--	18.0	16.0

## KANAWHA RIVER BASIN

03180000 NEW RIVER AT BLUESTONE DAM, WV

LOCATION.--Lat 37°38'43", long 80°53'02", Summers County, Hydrologic Unit 05050002, on right bank 0.3 mi downstream from Bluestone Dam, 0.7 mi upstream from Greenbrier River, 2.0 mi upstream from Hinton, at New River mile 64.5 and Kanawha River mile 161.5.

DRAINAGE AREA.--4.602 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1923 to September 1969, October 1975 to September 1983. Published as "near Hinton", 1923-46. Monthly discharge only October, November 1923, published in WSP 1305.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					JUL 1949				
22...	1755	2470	24.5	27.5	19...	1500	20300	26.5	24.0
AUG					NOV				
13...	1730	1480	29.5	28.0	16...	0830	4520	5.0	11.0
SEP					DEC				
10...	1600	1770	25.5	26.0	21...	1540	6920	3.5	7.0
OCT					JAN 1950				
11...	1420	5390	15.0	14.5	17...	1030	8140	0.5	6.5
NOV					MAR				
14...	1430	2670	6.0	14.0	28...	1600	7380	17.5	11.5
APR 1946					JUN				
16...	1700	5850	10.5	14.5	27...	1250	5330	31.5	24.0
MAY					JUL				
15...	1355	7190	26.0	18.5	28...	1630	5280	25.5	23.5
JUN					AUG				
11...	1340	2480	30.0	25.0	30...	0745	8330	21.5	24.0
JUL					NOV				
15...	1730	2080	26.0	24.0	08...	1045	2830	23.0	15.0
AUG					21...	1710	2180	0.5	8.5
14...	1800	5200	29.0	23.5	22...	1355	2170	9.0	9.0
SEP					MAR 1951				
16...	1745	1630	21.0	28.5	31...	0700	2800	15.5	10.5
19...	1020	2010	20.5	29.0	MAY				
OCT					05...	1315	7520	26.5	18.5
14...	1830	1500	18.5	15.0	31...	1115	5220	21.0	17.5
NOV					JUN				
14...	1740	1960	13.0	12.5	30...	1145	5170	28.0	24.0
JAN 1947					JUL				
11...	1105	2830	-4.0	3.0	31...	0715	2670	23.0	25.5
APR					AUG				
22...	1040	8900	12.5	13.5	30...	0650	2960	27.0	24.5
MAY					JAN 1952				
09...	1820	3760	10.0	13.5	03...	1040	3040	8.0	5.0
JUN					APR				
11...	1820	4050	33.0	28.5	02...	0730	8340	8.0	10.0
JUL					09...	1000	5460	18.5	7.5
09...	1615	3330	25.0	24.0	SEP				
AUG					04...	1415	2180	28.5	21.0
07...	1430	3060	30.0	26.0	DEC				
SEP					03...	1345	3020	5.0	7.5
03...	1825	3140	27.5	26.5	APR 1953				
DEC					02...	1340	6270	10.5	11.5
11...	1120	4370	-2.0	5.5	JUN				
MAR 1948					02...	1730	3410	20.0	--
04...	1705	6540	0.0	7.0	JUL				
MAY					01...	1800	4160	31.0	26.5
13...	1020	4090	24.0	20.5	30...	1000	1950	33.0	26.5
JUN					FEB 1954				
16...	1745	4170	22.0	23.5	02...	1120	4590	13.0	--
JUL					JUL				
08...	1155	2440	23.5	26.0	29...	0745	1520	--	25.5
AUG					AUG				
17...	0715	3150	28.0	24.5	31...	1030	2930	22.0	26.0
SEP					NOV				
08...	0720	3970	28.5	24.0	30...	1530	1730	8.0	--
APR 1949					MAR 1959				
12...	1515	6760	20.5	10.5	01...	1800	46100	15.0	--
MAY					02...	1130	43500	13.5	--
12...	1500	15900	25.5	17.5					



## KANAWHA RIVER BASIN

## 03180000 NEW RIVER AT BLUESTONE DAM, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
APR 1955					JUL 1965				
29...	1730	6400	17.5	--	28...	1050	1700	--	26.5
AUG					SEP				
01...	1530	18100	--	26.5	01...	1515	1540	24.0	24.0
31...	1055	1580	--	25.0	DEC				
NOV					27...	1430	1340	2.0	--
01...	1400	1050	19.5	12.5	JUN 1966				
30...	1005	1350	-6.5	4.0	02...	0845	3550	--	19.0
JAN 1956					28...	1455	1750	--	25.5
03...	1535	1520	7.5	--	AUG				
MAY					05...	1157	2770	--	24.5
01...	1635	6240	13.0	16.0	31...	1010	628	25.0	23.0
31...	1300	2740	23.0	19.0	SEP				
JUL					28...	1005	14800	20.5	18.5
02...	1430	1680	33.5	27.5	NOV				
31...	1210	2270	27.5	24.5	29...	1600	15000	4.5	9.0
AUG					DEC				
31...	1150	1070	26.5	25.5	27...	1645	3500	1.0	3.0
31...	1655	1080	26.0	25.5	FEB 1967				
NOV					01...	1150	7430	8.5	4.0
29...	1130	2490	3.5	3.5	MAR				
JAN 1957					01...	1110	5190	-1.0	1.0
03...	0800	3650	-9.0	2.5	29...	0835	7460	13.5	11.5
FEB					APR				
27...	1440	14500	20.0	10.5	24...	1430	3300	12.5	--
APR					MAY				
30...	1200	9270	26.5	19.5	31...	0800	4000	11.5	16.0
JUL 1958					JUN				
30...	1140	3110	34.0	27.5	29...	0800	2260	19.0	25.0
SEP					JUL				
30...	1020	1430	18.0	21.5	26...	0900	2300	21.0	25.0
DEC					SEP				
01...	1500	2730	8.0	8.5	26...	1500	1820	21.0	18.5
AUG 1960					NOV				
01...	1150	1860	--	26.0	07...	1130	3680	11.0	6.0
31...	1620	1970	--	26.0	29...	1430	3570	-1.0	3.0
SEP					DEC				
27...	1545	1450	--	22.5	27...	1525	6480	--	6.0
NOV					JAN 1968				
01...	1620	2390	--	13.5	31...	1120	18600	5.0	3.0
29...	1130	1870	--	10.0	FEB				
DEC					27...	1455	4230	0.0	1.0
29...	1225	2230	--	2.5	MAR				
JAN 1961					25...	1545	6480	7.0	1.0
30...	1430	1850	-6.5	--	JUN				
APR					27...	1510	2730	26.5	24.5
27...	1305	210	--	14.5	JUL				
MAY					22...	1515	1410	26.5	24.5
01...	1310	8530	--	13.0	AUG				
JUN					29...	1130	1600	26.0	22.5
27...	1220	5850	--	21.0	SEP				
DEC					25...	1440	1450	24.0	16.0
28...	1205	9530	--	3.5	OCT				
JAN 1962					23...	1640	4540	22.5	16.5
30...	1110	10300	--	4.5	NOV				
JUN					27...	1105	3800	3.5	9.0
27...	1600	4510	--	25.0	JAN 1969				
SEP					22...	1130	9280	3.5	3.5
27...	0945	1790	16.5	18.5	MAR				
JAN 1963					26...	1140	17400	0.5	0.5
02...	1550	9700	--	0.5	MAY				
JUN					27...	1100	3450	18.5	17.0
25...	1645	1900	29.0	21.0	AUG				
JUL					27...	1420	2650	29.5	24.0
29...	1435	1800	--	26.5	OCT				
AUG					19...	1100	126	30.0	19.5
27...	1000	1450	--	24.0	21...	0905	2890	--	14.5
OCT					22...	0820	3860	--	15.5
31...	1050	1440	--	16.0	23...	0900	5240	--	15.0
JUN 1964					24...	0835	7470	--	14.0
28...	0925	1610	--	25.5	24...	1450	9890	--	14.5

## KANAWHA RIVER BASIN

03180500 GREENBRIER RIVER AT DURBIN, WV

LOCATION.--Lat 38°32'37", long 79°50'00", Pocahontas County, Hydrologic Unit  
05050003, on left bank at Durbin, 500 ft downstream from confluence of East  
and West Forks, and at mile 153.4.

DRAINAGE AREA.--133 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--March 1943 to current year.

## WATER QUALITY DATA

DATE	TIME	DIS- CHARGE, IN CUBIC FEET PER SECOND	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	DIS- CHARGE, IN CUBIC FEET PER SECOND	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1945					APR 1948				
20...	1155	--	20.5	16.5	22...	1440	--	11.0	14.0
JUL					MAY				
16...	1400	--	18.0	19.0	20...	1155	--	15.0	13.0
AUG					JUN				
24...	1440	--	25.0	23.5	15...	0820	--	19.5	17.5
SEP					JUL				
10...	1045	--	25.0	20.0	16...	1550	--	21.5	20.5
OCT					AUG				
18...	1730	--	12.5	13.5	17...	1115	--	21.5	15.0
NOV					SEP				
14...	1100	--	5.5	10.0	02...	0750	--	7.5	14.5
DEC					OCT				
13...	1430	--	-5.0	0.0	11...	1820	--	14.0	13.0
FEB 1946					NOV				
20...	1510	--	-3.0	0.0	09...	0810	--	6.0	5.5
MAR					29...	1045	--	4.5	4.5
13...	1140	--	14.0	4.5	JAN 1949				
APR					11...	1055	--	10.0	6.5
11...	1100	--	10.5	8.0	FEB				
MAY					14...	1230	--	13.5	6.0
21...	1455	--	14.5	14.5	MAR				
JUN					07...	1235	--	-7.0	0.5
19...	1110	--	25.5	23.5	MAY				
JUL					17...	1115	--	19.0	13.0
09...	1235	--	31.0	23.5	JUN				
AUG					16...	1100	--	19.0	20.0
13...	1215	--	18.0	17.5	JUL				
SEP					19...	1150	--	25.5	16.0
16...	1045	--	17.5	16.0	AUG				
NOV					17...	1050	--	19.0	19.0
25...	1100	--	6.5	0.5	SEP				
DEC					01...	1055	--	19.0	16.5
11...	1115	--	10.5	3.5	NOV				
JAN 1947					01...	0700	--	3.5	7.5
23...	1155	--	1.0	0.0	DEC				
FEB					14...	1015	--	-2.0	3.5
18...	1120	--	4.5	0.0	JAN 1950				
MAR					17...	1140	--	1.0	0.5
18...	1220	--	-1.0	1.0	FEB				
APR					07...	1210	--	4.0	5.0
15...	1210	--	16.0	11.5	MAR				
MAY					16...	1130	--	-1.0	3.5
01...	0900	--	19.0	16.5	APR				
JUN					17...	1110	--	10.0	4.5
10...	1230	--	22.5	18.0	MAY				
AUG					12...	1450	--	--	13.0
25...	1045	--	24.5	22.5	JUN				
SEP					13...	1430	--	21.0	17.5
18...	1200	--	19.0	18.5	AUG				
OCT					22...	1110	--	14.5	17.5
22...	0850	--	7.5	8.5	SEP				
NOV					25...	1255	--	12.5	10.0
12...	1243	--	4.5	6.0	OCT				
DEC					24...	1450	--	13.0	12.5
17...	1005	--	-6.0	0.0	NOV				
JAN 1948					28...	1740	--	-1.0	0.0
14...	1630	--	-14.0	0.0	DEC				
MAR					21...	1555	--	--	0.0
17...	1440	--	5.5	7.5					

## KANAWHA RIVER BASIN

03180500 GREENBRIER RIVER AT DURBIN, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1951					JUN 1955				
24...	1555	485	2.5	0.5	06...	1200	42	21.0	19.5
FEB					JUL				
26...	1355	301	9.0	4.5	11...	1145	83	20.5	20.5
MAR					AUG				
23...	1250	328	13.0	3.5	15...	1320	95	24.0	22.5
MAY					SEP				
09...	1400	258	16.0	13.5	13...	1140	15	11.5	14.0
JUN					OCT				
26...	1150	79	24.5	21.5	12...	1505	10	19.5	13.0
AUG					NOV				
06...	1510	12	16.0	18.0	08...	1300	16	2.5	0.5
SEP					DEC				
11...	1640	16	19.0	20.5	05...	1700	319	4.5	3.5
OCT					MAR 1956				
17...	0915	6.0	8.5	10.0	05...	1635	382	13.5	7.5
NOV					JUL				
27...	1210	422	-3.0	2.5	03...	1230	55	22.5	24.0
FEB 1952					AUG				
12...	0910	140	-4.0	0.5	22...	1120	101	14.0	14.0
JUL					SEP				
29...	0905	6.8	24.0	23.5	18...	1055	70	17.5	13.5
SEP					OCT				
09...	0840	11	13.0	16.0	24...	1025	61	15.0	13.0
OCT					NOV				
21...	1015	6.0	11.0	3.0	14...	1445	55	20.0	8.0
DEC					MAR 1957				
01...	1620	20	4.5	1.0	26...	1210	178	13.0	8.0
JAN 1953					MAY				
13...	1020	452	6.5	2.5	07...	1240	92	24.5	15.0
FEB					JUL				
24...	1715	486	9.5	3.0	22...	0805	14	26.5	24.0
APR					SEP				
06...	1650	235	10.0	8.0	04...	0920	2.1	24.0	20.0
MAY					NOV				
18...	1600	275	25.5	16.5	14...	0920	69	18.0	3.0
JUN					FEB 1958				
23...	1450	196	30.5	22.5	25...	0955	266	11.0	0.5
AUG					MAR				
04...	0905	12	25.0	23.5	18...	0920	119	2.5	0.0
SEP					MAY				
01...	1515	1.0	33.5	25.5	12...	0950	355	20.5	4.0
OCT					JUL				
05...	1745	0.58	20.0	16.5	23...	0920	432	23.0	9.5
NOV					SEP				
09...	1705	4.3	2.5	4.0	03...	0950	27	25.5	6.5
DEC					30...	1020	18	15.5	3.5
08...	1115	48	-3.0	0.5	NOV				
FEB 1954					18...	1515	60	16.5	13.5
11...	1010	106	0.5	0.0	JAN 1959				
MAR					26...	1125	325	6.0	—
08...	1100	233	3.5	2.5	MAR				
MAY					27...	1035	229	17.5	7.5
11...	0955	194	5.0	6.5	MAY				
JUL					29...	1055	274	18.5	19.0
07...	1100	110	25.5	21.5	JUN				
SEP					23...	1045	21	19.0	19.0
14...	1000	30	14.0	16.0	JUL				
DEC					28...	1030	90	18.5	19.5
13...	1235	121	2.5	0.0	AUG				
FEB 1955					27...	1035	153	20.0	19.0
14...	1220	309	-6.0	0.0	SEP				
APR					22...	1120	2.9	14.5	15.5
11...	1055	80	6.5	8.0	28...	1455	1.8	26.5	24.0
MAY					OCT				
09...	1105	61	11.0	12.5	12...	1100	27	8.5	10.0

KANAWHA RIVER BASIN  
03180500 GREENBRIER RIVER AT DURBIN, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STRFAM- FLDW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
NOV 1959					NOV 1965				
16...	1110	96	3.0	5.5	01...	1020	51	6.5	6.0
JUN 1960					DEC				
22...	0950	41	18.0	17.5	09...	1330	80	3.5	1.5
OCT					JAN 1966				
11...	1035	26	12.5	11.0	20...	1430	84	-6.5	0.0
NOV					MAR				
15...	1010	106	11.5	6.0	10...	1230	249	1.0	3.5
DEC					APR				
13...	1230	43	-9.0	1.0	26...	1140	704	13.5	8.5
JUN 1961					JUN				
13...	1015	535	22.5	19.0	01...	1210	67	--	11.5
AUG					AUG				
24...	1500	58	23.5	20.5	29...	1215	14	--	21.0
OCT					OCT				
05...	1135	66	20.0	15.0	10...	1015	127	--	13.0
JAN 1962					NOV				
23...	1100	1010	7.5	1.5	23...	1125	74	--	1.0
APR					APR 1967				
25...	1115	435	--	6.5	21...	1300	190	15.5	10.0
JUN					AUG				
06...	1010	128	24.0	18.5	15...	1015	14	--	16.5
SEP					SEP				
04...	1100	7.5	19.5	19.0	27...	1010	73	--	14.0
25...	0910	6.8	12.5	11.0	OCT				
OCT					30...	1215	194	--	4.0
16...	1025	21	18.5	15.5	DEC				
DEC					06...	1155	426	--	3.0
19...	1120	69	2.5	1.0	APR 1968				
JAN 1963					17...	1120	130	--	8.5
22...	1000	166	-6.5	0.5	JUL				
APR					16...	0810	13	26.5	21.0
03...	1125	272	--	10.0	AUG				
MAY					26...	1445	2.1	--	21.5
02...	1530	268	14.5	10.0	OCT				
JUN					15...	1310	4.6	--	15.5
11...	1000	194	16.5	16.5	FEB 1969				
NOV					25...	1245	101	-1.0	0.0
18...	1430	39	15.5	9.0	APR				
DEC					09...	0830	352	--	6.0
30...	1155	51	0.0	1.0	MAY				
MAR 1964					20...	0815	152	--	14.0
20...	1135	311	0.5	2.5	JUN				
MAY					24...	0830	45	--	17.0
04...	1800	230	25.0	14.5	AUG				
JUN					04...	1640	103	24.0	14.0
10...	1115	32	--	22.5	SEP				
AUG					24...	0840	43	14.5	15.0
27...	1530	5.0	28.0	25.5	NOV				
OCT					04...	0825	30	1.0	6.5
22...	1615	23	10.0	7.5	FEB 1970				
DEC					18...	0920	299	-3.0	0.0
02...	1630	178	-2.0	0.0	APR				
JAN 1965					08...	1115	336	11.0	4.5
13...	1000	333	-6.0	0.0	MAY				
FEB					13...	0840	80	13.5	15.0
24...	1500	145	1.0	0.0	JUN				
APR					17...	0830	49	18.0	18.0
08...	1345	391	20.5	9.0	JUL				
MAY					29...	0850	30	18.0	21.0
25...	1625	67	18.5	21.5	SEP				
JUL					09...	1230	7.2	21.0	20.0
28...	1030	5.1	22.5	19.5	OCT				
SEP					28...	0935	31	7.0	9.0
14...	0900	34	18.0	18.5					

## KANAWHA RIVER BASIN

03180500 GREENBRIER RIVER AT DURBIN, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
DEC 1970				
02...	0820	304	12.0	7.0
FEB 1971				
18...	--	327	3.0	0.0
MAR				
31...	--	579	2.0	2.0
MAY				
11...	--	307	21.0	13.0
JAN 1972				
05...	0920	563	-1.0	4.0
APR				
05...	1125	480	10.0	4.5
MAY				
02...	1120	176	15.0	12.0
JUN				
08...	0930	51	11.0	13.0
JUL				
13...	1045	129	27.0	17.5
AUG				
16...	0920	56	14.5	17.0
SEP				
20...	1000	15	13.0	15.5
OCT				
26...	1005	113	2.5	5.0
DEC				
01...	0900	382	-2.0	0.5
FEB 1973				
07...	0850	365	5.0	2.5
MAR				
13...	1150	249	15.5	7.0
MAY				
15...	0800	202	9.0	9.0
JUN				
13...	0835	97	20.5	18.0
OCT				
10...	0900	91	14.0	15.0
DEC				
07...	0940	188	-1.0	2.0
MAR 1974				
20...	1000	730	10.0	5.0
JUN				
25...	0830	557	12.0	11.0
AUG				
06...	0930	23	--	15.0
JAN 1975				
22...	1010	205	3.0	0.0
FEB				
18...	1745	657	3.0	4.5
MAR				
26...	1300	682	-2.5	2.0
APR				
22...	1450	240	13.0	7.0
MAY				
21...	0720	291	11.0	14.0
JUL				
08...	1135	86	22.0	19.0
AUG				
19...	0845	67	15.0	18.0

## KANAWHA RIVER BASIN

03181200 INDIAN DRAFT NEAR MARLINTON, WV

LOCATION.--Lat 38°16'48", long 80°04'31", Pocahontas County, Hydrologic Unit  
05050003, on left bank at highway bridge, and 4.2 mi northeast of Marlinton.

DRAINAGE AREA.--3.06 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--June 1968 to September 1977.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAR 1969						
06...	1440	1.8	--	--	11.0	5.0
APR						
08...	0945	3.9	--	--	--	9.0
MAY						
21...	1005	3.3	--	--	19.0	13.0
AUG						
04...	1430	6.6	165	--	25.0	14.0
SEP						
24...	1300	0.83	160	7.80	19.5	15.5
FEB 1970						
17...	1250	7.6	102	7.50	5.0	6.5
APR						
07...	1325	4.8	105	7.30	5.0	8.0
24...	1305	17	93	7.80	17.0	10.5
JUN						
18...	1255	0.66	165	7.60	26.5	21.0
SEP						
17...	0855	0.11	--	--	16.0	17.5
OCT						
27...	1135	0.23	190	7.50	11.0	13.0
DEC						
01...	1210	6.9	115	7.20	12.0	9.0
FEB 1971						
17...	1145	6.1	--	--	0.0	4.0
MAR						
31...	1155	6.6	--	--	17.5	10.0
MAY						
11...	1030	5.2	--	--	20.0	12.0
JUN						
28...	1200	0.39	--	--	29.0	23.0
AUG						
03...	1105	8.0	--	--	27.0	15.0
JAN 1972						
04...	1005	7.4	--	--	0.5	5.5
FEB						
01...	1240	3.7	--	--	5.5	5.0
APR						
04...	1505	3.2	--	--	4.0	6.5
JUN						
07...	1220	6.6	--	--	24.0	19.5
NOV						
29...	1330	7.5	--	--	6.0	7.0
MAR 1973						
13...	0915	4.7	--	--	13.0	7.0
JUL						
17...	0950	0.33	--	--	23.0	16.0
JAN 1974						
15...	1225	6.2	--	--	19.0	8.0
FEB						
21...	1145	2.4	120	--	14.0	6.0
MAR						
20...	1615	11	120	--	14.0	8.0
AUG						
06...	2010	0.28	--	--	--	18.0

# KANAWHA RIVER BASIN

03181200 INDIAN DRAFT NEAR MARLINTON, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1975						
21...	1345	7.4	--	--	-2.0	5.0
FEB						
18...	1545	16	--	--	10.0	6.0
MAR						
26...	0950	10	120	--	-3.0	4.5
APR						
22...	1110	3.3	130	--	12.5	9.0
MAY						
21...	1135	5.3	--	--	31.0	17.0
JUL						
08...	0900	1.0	180	7.70	19.0	15.0
AUG						
19...	1235	0.11	255	8.40	26.0	24.0

## KANAWHA RIVER BASIN

03182500 GREENBRIER RIVER AT BUCKEYE, WV

LOCATION.--Lat 38°11'09", long 80°07'51", Pocahontas County, Hydrologic Unit 05050003, on right bank at upstream side of highway bridge at Buckeye, 1,000 ft upstream from Swago Creek, 3.5 mi downstream from Knapp Creek, and at mile 103.2. Records include flow of Swago Creek.

DRAINAGE AREA.--540 mi<sup>2</sup>, includes that of Swago Creek.

PERIOD OF STREAMFLOW RECORD.--September 1929 to current year.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1945					MAY 1948				
20...	1815	610	21.0	24.0	21...	0740	447	18.5	15.5
JUL					JUN				
19...	1400	127	28.5	25.0	14...	1410	395	26.5	22.5
AUG					JUL				
29...	0920	79	15.0	21.5	15...	1605	--	21.5	20.0
SEP					AUG				
11...	1045	171	20.5	23.0	18...	0955	450	19.0	19.0
OCT					SEP				
17...	1415	88	21.0	11.0	01...	1455	166	24.0	22.5
NOV					OCT				
14...	1705	188	7.5	11.0	12...	0845	641	9.5	11.5
DEC					NOV				
12...	1700	825	-5.0	2.5	09...	1510	931	10.0	8.0
FEB 1946					30...	0840	4520	5.0	6.0
19...	1510	896	0.5	1.0	JAN 1949				
MAR					12...	0925	983	4.0	6.5
12...	1520	1380	14.0	5.5	MAR				
APR					08...	1025	1530	8.0	5.5
10...	1500	364	14.5	14.5	APR				
MAY					13...	0820	1620	14.0	9.0
20...	1700	1330	--	16.0	MAY				
JUN					17...	1625	1140	23.5	18.0
18...	1345	115	23.5	23.0	JUN				
JUL					17...	0845	118	19.5	21.0
08...	1700	440	24.0	25.5	JUL				
AUG					20...	0940	1650	21.0	19.5
13...	1630	34	20.0	19.5	SEP				
SEP					02...	1105	308	11.5	19.0
16...	1430	16	22.0	23.0	OCT				
NOV					07...	0920	76	24.0	21.0
25...	1700	64	9.0	3.5	NOV				
DEC					01...	1600	3720	5.0	9.5
12...	1045	66	14.0	5.5	DEC				
JAN 1947					14...	1540	3710	3.0	5.0
24...	1250	1180	2.5	6.5	FEB 1950				
FEB					07...	1650	1350	7.5	6.0
19...	1000	261	0.0	0.0	MAR				
MAR					16...	1640	1830	0.5	4.5
07...	1110	237	1.5	0.0	MAY				
APR					08...	1500	920	23.0	16.0
14...	1400	872	14.5	13.0	JUN				
MAY					23...	1120	359	29.5	20.5
01...	1420	1470	25.0	15.5	JUL				
JUN					27...	1435	447	24.5	20.0
11...	1000	720	--	20.5	AUG				
AUG					23...	0900	197	24.5	20.0
26...	1010	205	23.5	23.5	SEP				
SEP					26...	1120	820	16.0	11.5
18...	1635	102	28.0	21.5	NOV				
OCT					29...	1250	428	-1.0	0.0
22...	1450	55	28.0	15.0	MAR 1951				
NOV					28...	1240	1070	9.0	6.5
13...	0800	1000	-5.0	5.5	MAY				
DEC					10...	0910	659	18.5	15.0
18...	0800	923	-1.0	0.0	SEP				
FEB 1948					12...	0840	56	13.5	19.5
21...	0640	3480	-6.0	3.5	OCT				
MAR					16...	1315	24	22.5	15.5
18...	0750	1270	1.0	6.0					
APR									
23...	0730	550	5.0	11.0					



## KANAWHA RIVER BASIN

03182500 GREENBRIER RIVER AT BUCKEYE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAR 1952					JUN 1956				
24...	1540	4110	4.0	8.0	04...	1450	3080	21.0	12.5
JUL					JUL				
28...	1320	29	31.0	29.5	03...	0830	295	19.5	21.5
SEP					AUG				
08...	1315	38	18.0	20.0	21...	1405	226	20.0	19.5
OCT					OCT				
20...	1140	31	10.5	10.5	23...	1425	348	16.5	14.5
DEC					NOV				
01...	1100	33	4.5	2.5	14...	1050	186	18.0	4.5
JAN 1953					DEC				
12...	1130	2440	9.5	8.5	13...	1520	745	9.5	13.0
FEB					JAN 1957				
24...	1130	1920	7.5	5.5	21...	1405	409	5.5	4.5
APR					MAR				
06...	1040	568	9.5	8.5	25...	1200	630	4.5	5.5
JUN					MAY				
23...	0950	528	28.0	23.0	06...	1230	322	22.5	14.0
AUG					JUN				
03...	1530	22	24.5	22.5	13...	1230	441	32.5	24.0
SEP					OCT				
01...	0930	11	25.5	20.0	07...	1145	77	10.0	10.0
OCT					NOV				
05...	1240	10	18.5	18.0	13...	1235	224	20.0	4.0
NOV					DEC				
09...	1300	17	19.5	9.0	16...	1135	531	8.5	--
DEC					FEB 1958				
07...	1450	200	15.5	4.5	24...	1235	437	15.5	0.5
JAN 1954					MAR				
11...	1420	433	3.0	0.5	17...	1310	564	4.5	0.5
FEB					APR				
10...	1300	332	16.5	1.5	23...	1410	1680	20.5	3.0
APR					JUN				
05...	1350	821	8.0	--	11...	1030	251	26.0	5.0
MAY					JUL				
10...	1320	482	8.5	10.5	22...	1215	631	28.0	9.0
JUN					SEP				
07...	1240	261	24.0	18.5	02...	1300	157	28.5	15.0
AUG					29...	1450	76	21.0	16.0
03...	1110	216	25.5	19.0	NOV				
SEP					19...	1145	104	9.0	11.0
13...	1530	114	24.5	22.5	JUN 1959				
NOV					23...	1415	91	22.5	20.5
15...	1405	402	10.0	5.0	JUL				
DEC					28...	1430	450	27.5	23.0
04...	1310	516	4.5	1.0	AUG				
FEB 1955					27...	1425	27	24.5	26.5
15...	1310	1180	6.0	--	SEP				
APR					22...	1530	12	28.0	23.5
12...	1000	330	13.0	11.5	OCT				
MAY					12...	1445	87	16.5	16.5
10...	0940	196	13.5	16.0	NOV				
JUN					16...	1425	243	9.0	5.0
07...	1125	113	22.0	20.0	JUN 1960				
JUL					22...	1250	113	21.0	18.5
12...	0920	172	21.5	23.5	SEP				
AUG					26...	1240	194	21.0	19.5
16...	1155	141	28.0	25.0	NOV				
SEP					15...	1450	278	15.5	7.5
13...	1615	39	16.5	22.0	DEC				
OCT					14...	1030	77	-3.0	1.0
12...	0920	46	1.5	13.5	APR 1961				
NOV					27...	1210	1150	13.0	9.5
09...	0945	40	-1.0	4.0	JUN				
DEC					12...	1410	1840	33.5	22.5
05...	1140	85	4.0	0.5					

## KANAWHA RIVER BASIN

03182500 GREENBRIER RIVER AT BUCKEYE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1961				
05...	1410	306	23.0	15.0
NOV				
22...	1440	331	9.0	4.5
DEC 1962				
18...	1350	160	13.5	2.5
JUN 1963				
11...	1245	464	25.0	21.0
OCT				
10...	1240	21	21.0	16.5
NOV				
18...	1130	85	11.0	8.5
DEC				
30...	1515	162	4.5	2.5
MAY 1964				
04...	1330	847	27.5	16.5
JUN				
10...	1400	136	--	24.5
AUG				
31...	1030	20	22.5	20.0
OCT				
22...	1230	62	16.5	13.0
DEC				
02...	1300	252	1.0	0.5
JAN 1965				
12...	1045	1730	-3.0	0.0
FEB				
24...	1120	322	2.5	0.0
APR				
08...	1030	1020	21.5	10.0
MAY				
25...	1215	901	30.0	21.5
JUL				
01...	1345	36	--	24.0
AUG				
04...	1150	33	--	20.5
SEP				
14...	1325	278	23.0	18.5
OCT				
29...	1045	194	5.5	8.5
DEC				
10...	0845	76	-2.0	0.5
MAR 1966				
10...	1545	850	13.0	5.5
APR				
27...	0740	1670	11.5	9.0
JUN				
02...	0945	286	15.5	12.5
JUL				
27...	0720	26	--	24.0
AUG				
30...	0930	44	--	21.5
NOV				
22...	1215	307	--	2.5
APR 1967				
20...	1420	676	23.5	10.5
AUG				
15...	1120	45	--	22.5
SEP				
26...	1135	32	--	15.5
NOV				
01...	1225	401	--	10.0
DEC				
20...	1255	927	--	9.0

# KANAWHA RIVER BASIN

03182500 GREENBRIER RIVER AT BUCKEYE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
MAR 1968							
21...	1345	2910	--	--	--	11.0	--
MAY							
02...	1300	1020	--	--	--	13.0	--
JUN							
13...	1235	405	--	--	--	18.0	--
JUL							
16...	1150	52	--	--	26.5	26.5	--
AUG							
26...	1205	19	--	--	--	25.5	--
OCT							
16...	1125	26	--	--	--	16.5	--
DEC							
03...	1200	353	--	--	--	6.0	--
JAN 1969							
09...	1320	305	--	--	--	0.0	--
FEB							
25...	0955	349	--	--	0.0	2.0	--
MAY							
21...	1250	496	--	--	--	19.0	--
JUN							
24...	1210	116	--	--	--	25.0	--
SEP							
23...	1305	315	110	7.10	20.0	16.0	--
NOV							
04...	1220	158	185	8.70	5.0	8.5	--
JAN 1970							
15...	0930	289	85	7.30	-5.0	0.0	--
FEB							
18...	1255	1730	72	7.30	8.0	3.5	--
APR							
07...	1130	1310	52	7.60	4.0	5.0	--
JUN							
16...	1130	103	170	7.30	24.0	20.5	--
JUL							
29...	1145	100	155	7.20	29.5	25.0	--
SEP							
09...	0910	40	170	7.00	21.0	23.0	--
DEC							
02...	1100	1110	65	7.40	14.0	7.0	--
FEB 1971							
17...	0940	1450	50	7.20	-2.0	1.0	--
MAR							
30...	1245	2220	60	7.30	11.0	6.5	--
MAY							
11...	1210	1030	68	7.40	21.0	14.0	--
JUN							
29...	1120	168	--	--	27.0	--	--
AUG							
04...	1205	876	95	7.40	26.0	22.0	--
JAN 1972							
05...	1335	2050	72	7.10	-2.0	5.0	--
FEB							
02...	1130	942	71	7.20	0.5	1.0	13.8
06...	1245	1540	65	--	3.5	8.0	--
MAR							
13...	1530	919	75	7.20	22.0	12.0	--
APR							
06...	1020	944	69	7.40	21.5	8.0	--
18...	0925	3980	--	--	16.0	8.5	--
MAY							
03...	1430	6640	62	6.90	19.5	13.0	9.1
JUN							
08...	1200	166	120	7.50	24.0	19.5	9.4
12...	0910	385	--	--	24.5	22.5	--

## KANAWHA RIVER BASIN

03182500 GREENBRIER RIVER AT BUCKEYE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARO UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
JUL 1972							
12...	1410	436	80	7.40	25.0	21.0	8.3
AUG							
15...	1250	558	60	7.40	26.0	21.0	8.0
28...	1300	86	--	8.20	31.0	25.5	--
SEP							
20...	1300	47	220	7.70	26.0	21.5	--
OCT							
09...	1240	172	135	--	21.0	19.0	--
NOV							
29...	1025	1600	58	7.20	7.5	4.0	--
FEB 1973							
06...	1300	1540	51	7.20	3.5	8.0	--
MAR							
13...	1445	919	59	7.20	22.0	12.0	8.5
APR							
18...	0930	3980	50	7.15	16.0	8.5	8.7
JUN							
12...	0930	385	72	7.30	24.5	22.5	--
JAN 1974							
14...	1615	1800	--	--	0.0	1.0	--
FEB							
20...	1230	679	110	--	5.0	3.0	--
AUG							
06...	1350	167	--	--	--	20.0	--
OCT							
17...	0955	2000	--	--	--	10.0	--
FEB 1975							
18...	1310	2080	--	--	10.0	5.5	--
MAR							
25...	1610	3610	78	--	9.0	7.0	--
APR							
22...	1240	543	90	--	19.0	9.5	--
MAY							
21...	1010	959	--	--	22.0	15.0	--
JUL							
08...	2030	310	105	8.10	21.0	23.0	--
AUG							
19...	1105	178	220	7.20	24.0	23.0	--

## KANAWHA RIVER BASIN

03182700 ANTHONY CREEK NEAR ANTHONY, WV

LOCATION.--Lat 37°54'30", long 80°17'30", Greenbrier County, Hydrologic Unit 05050003, on right bank 0.3 mi downstream from Big Draft, 1.7 mi downstream from Rocky Run, 2.2 mi northeast of Anthony, and at mile 3.2.

DRAINAGE AREA.-- 144 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--Water years 1949, 1951-53, 1957, 1960, 1966, 1968-71 (occasional low-flow discharge measurements only), October 1971 to September 1982.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1949						
21...	1640	51	--	--	26.0	23.5
OCT 1950						
02...	1545	32	--	--	28.5	19.0
SEP 1951						
21...	1115	8.8	--	--	29.5	19.5
AUG 1960						
30...	--	8.3	--	--	25.5	25.0
SEP 1966						
01...	1325	8.8	--	--	29.5	21.5
JUN 1968						
26...	1150	20	--	--	28.0	21.0
AUG						
27...	1200	7.3	--	--	22.5	20.0
SEP						
24...	1215	5.7	--	--	24.0	16.5
OCT						
22...	1200	50	--	--	15.5	11.5
JAN 1969						
21...	1220	148	--	--	1.0	0.5
MAR						
25...	1400	580	--	--	3.5	4.0
APR						
23...	1220	193	--	--	6.0	9.0
MAY						
28...	1350	42	--	--	24.0	18.0
JUN						
24...	--	24	--	--	26.5	24.0
JUL						
23...	1330	60	56	--	31.0	23.0
AUG						
26...	1350	59	--	--	26.5	24.0
OCT						
07...	1400	15	126	7.80	21.0	16.0
NOV						
05...	1315	27	105	8.60	3.5	8.0
JAN 1970						
29...	0950	129	70	7.20	6.0	3.0
FEB						
25...	1230	258	62	7.90	2.0	3.0
MAR						
24...	1245	205	50	7.40	1.0	4.0
APR						
28...	1130	249	50	7.30	15.0	16.0
MAY						
27...	1330	76	60	6.90	22.0	16.0
JUN						
23...	1240	18	110	7.40	24.0	23.0
JUL						
28...	1300	12	130	7.20	29.0	25.0
AUG						
26...	1320	14	115	7.30	23.0	19.0
SEP						
22...	1315	6.6	170	7.40	27.0	23.0

## KANAWHA RIVER BASIN

03182700 ANTHONY CREEK NEAR ANTHONY, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
OCT 1970							
28...	1045	8.3	160	7.40	7.0	12.0	--
DEC							
02...	1320	57	75	7.90	20.0	10.0	--
29...	1345	123	58	7.10	-1.0	2.0	--
JAN 1971							
26...	1400	210	44	7.60	1.0	1.5	--
FEB							
24...	1130	678	46	6.70	2.0	3.0	--
MAR							
23...	1320	261	48	7.20	3.0	4.5	--
APR							
27...	1310	51	70	7.80	17.0	10.0	--
MAY							
26...	1325	85	60	7.60	23.0	16.0	--
JUL							
29...	1205	9.4	135	7.30	23.0	22.0	--
AUG							
24...	1140	16	105	7.50	23.0	20.0	--
SEP							
29...	1345	24	--	--	21.0	18.0	--
OCT							
27...	1320	117	80	--	15.0	14.0	--
NOV							
30...	1245	611	50	6.80	-2.0	3.0	--
DEC							
28...	1230	86	--	--	13.0	8.0	--
FEB 1972							
23...	1630	303	148	--	0.0	3.0	--
MAR							
29...	1000	148	55	6.80	6.0	7.0	11.5
APR							
26...	0930	309	50	7.10	5.0	8.0	11.6
MAY							
24...	0950	349	53	--	18.0	16.0	--
JUN							
27...	1020	139	55	--	20.0	17.0	--
JUL							
26...	1030	35	82	7.40	24.0	21.0	9.2
AUG							
23...	1010	61	80	--	21.0	22.0	--
OCT							
04...	0930	35	79	7.40	14.0	12.0	--
25...	0955	45	78	--	11.0	10.0	--
NOV							
29...	0920	306	--	--	2.0	4.0	--
JAN 1973							
24...	0920	174	50	--	-2.0	2.0	--
MAR							
01...	1330	102	75	--	11.0	7.0	--
JUN							
26...	0900	66	80	7.90	18.0	20.0	--
SEP							
06...	0900	14	--	--	23.0	20.0	--
OCT							
10...	1200	28	120	--	20.5	18.0	--
NOV							
09...	1215	153	--	6.30	1.0	6.0	--
DEC							
12...	1300	199	--	--	0.0	1.0	--
JUN 1974							
11...	1315	83	--	--	25.0	20.0	--
AUG							
13...	1550	22	--	--	22.0	21.0	--

**KANAWHA RIVER BASIN**  
**03182700 ANTHONY CREEK NEAR ANTHONY, WV--Continued**

**WATER QUALITY DATA**

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
OCT 1974							
08...	1120	9.9	--	--	7.0	11.0	--
NOV							
18...	1250	22	--	--	7.0	6.0	--
JAN 1975							
16...	1045	229	--	--	--	1.0	--
MAR							
11...	1230	159	50	--	4.0	3.0	--
APR							
14...	1415	70	<50	5.80	10.0	8.0	11.0
MAY							
15...	1200	239	50	5.90	20.0	14.0	10.0
JUN							
11...	1220	70	70	--	17.0	16.0	--
JUL							
15...	1245	24	105	6.80	20.0	20.0	8.9
AUG							
13...	1230	14	130	7.50	23.0	23.0	--
SEP							
16...	1155	11	135	--	16.0	15.0	--

## KANAWHA RIVER BASIN

03183000 SECOND CREEK NEAR SECOND CREEK, WV

LOCATION.--Lat 37°41'05", long 80°27'25", Monroe County, on left bank 100 ft upstream from bridge on U.S. Highway 219, 1.4 mi north of Second Creek, 1.6 mi downstream from Rayburn Draft, and at mile 8.0.

DRAINAGE AREA.--80.8 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1945 to September 1973.

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1945					OCT 1948				
13...	1605	9.9	14.5	13.5	14...	1450	12	13.5	13.0
15...	1515	9.0	9.0	11.5	NOV				
NOV					02...	1525	13	15.0	11.5
13...	1230	14	23.5	14.5	APR 1949				
APR 1946					11...	1500	110	14.5	9.5
17...	1200	64	20.0	13.0	MAY				
MAY					10...	1405	92	19.5	16.5
17...	1525	57	21.0	19.5	JUN				
JUN					21...	0750	16	25.0	24.5
13...	1500	14	26.0	24.0	JUL				
JUL					18...	1530	80	24.5	21.0
16...	1100	17	24.0	23.0	AUG				
AUG					16...	1055	19	22.0	23.5
14...	1045	9.4	23.5	16.5	SEP				
SEP					09...	1055	20	24.0	21.0
17...	1125	7.2	28.0	16.5	OCT				
OCT					22...	1420	8.5	23.5	15.5
18...	1250	5.6	20.0	15.0	NOV				
NOV					17...	0900	23	2.0	4.0
15...	1135	4.6	6.5	--	DEC				
DEC					20...	1630	88	13.5	6.0
09...	1620	7.1	10.0	3.5	JAN 1950				
APR 1947					19...	1600	162	2.5	6.0
24...	1310	42	22.0	13.5	MAR				
MAY					27...	1530	143	25.5	11.5
05...	1300	74	14.5	--	MAY				
JUN					01...	1435	79	25.5	16.0
13...	1435	14	23.0	22.0	JUN				
JUL					26...	1400	101	33.5	22.0
10...	1525	13	16.5	25.0	AUG				
AUG					28...	1210	13	30.5	23.5
05...	1355	16	29.0	25.5	OCT				
SEP					03...	1820	18	14.0	14.5
02...	1655	14	23.5	24.5	NOV				
OCT					06...	1235	63	15.5	--
04...	1000	14	14.0	11.5	JAN 1951				
04...	1700	6.6	18.0	15.5	29...	1320	41	9.0	5.5
NOV					FEB				
06...	1405	105	14.5	11.0	26...	1335	112	20.0	6.5
DEC					MAR				
10...	1005	19	-0.5	1.0	30...	1350	2190	16.5	10.5
JAN 1948					MAY				
07...	1300	15	0.5	0.5	02...	1100	108	31.0	16.5
FEB					02...	1500	16	35.0	26.0
11...	1020	60	3.0	0.0	29...	1115	51	17.5	14.0
MAR					JUN				
03...	1730	73	11.5	7.5	27...	1145	35	24.0	21.5
06...	1530	48	1.0	2.0	AUG				
APR					27...	1415	6.6	26.5	19.5
20...	1345	211	16.5	14.0	SEP				
MAY					21...	0840	5.3	24.5	16.5
11...	1810	92	21.0	20.5	OCT				
JUN					31...	1030	12	16.5	9.5
17...	1520	38	22.0	21.5	NOV				
JUL					28...	1140	14	7.0	1.5
07...	1425	20	23.0	23.0	JAN 1952				
AUG					04...	1450	34	10.0	4.5
19...	1415	12	25.5	23.0	29...	1420	461	-2.0	3.5
SEP									
06...	1235	7.0	22.0	19.5					



## KANAWHA RIVER BASIN

03183000 SECOND CREEK NEAR SECOND CREEK, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
FEB 1952					APR 1956				
28...	1240	43	16.0	5.5	04...	1240	57	20.0	15.0
MAY					MAY				
02...	1440	132	29.5	16.5	03...	1345	181	21.0	15.0
JUN					28...	1525	83	16.5	20.0
04...	1140	27	29.5	20.5	JUL				
JUL					06...	1135	46	29.5	21.0
03...	1110	11	29.0	21.0	AUG				
28...	1540	5.1	31.5	25.5	03...	1025	16	24.0	21.5
SEP					30...	1645	5.9	24.0	24.5
03...	1135	12	25.5	19.5	SEP				
20...	1105	4.9	26.5	14.0	27...	1435	198	10.5	11.0
OCT					OCT				
31...	1045	8.2	6.5	3.0	30...	0815	44	21.0	12.0
DEC					NOV				
02...	1110	11	0.5	1.0	28...	0830	32	-6.0	0.0
JAN 1953					JAN 1957				
01...	1255	56	4.0	0.5	03...	1640	28	0.0	0.5
FEB					FEB				
26...	1045	127	6.0	7.0	26...	0900	119	15.5	5.5
JUN					APR				
02...	1315	22	23.0	14.5	29...	1100	45	26.5	21.0
30...	1130	14	28.0	24.5	MAY				
JUL					29...	0815	28	19.0	15.0
28...	0725	5.1	26.5	25.0	JUL				
DEC					02...	1040	14	25.5	22.5
02...	1030	3.5	2.0	1.0	AUG				
28...	1715	6.4	4.0	1.0	02...	0730	6.6	20.5	18.0
FEB 1954					OCT				
02...	1710	29	9.0	2.0	02...	0950	85	16.5	13.5
MAR					29...	1525	28	24.0	9.0
02...	1815	291	3.5	--	DEC				
30...	1700	134	--	12.0	03...	1140	41	3.5	2.0
APR					JAN 1958				
27...	1415	64	28.0	--	06...	1225	38	13.5	2.0
JUN					FEB				
03...	1130	42	24.5	18.5	26...	1120	122	4.0	0.5
28...	1615	7.4	24.5	--	JUN				
AUG					03...	1340	29	24.0	18.0
30...	1320	6.5	26.0	21.0	JUL				
NOV					02...	1025	12	--	20.0
02...	1130	34	7.0	5.0	29...	1040	25	25.5	23.0
30...	1230	48	8.0	3.0	29...	1045	24	25.5	23.0
DEC					SEP				
29...	1240	422	13.0	--	29...	1055	4.8	17.0	13.5
29...	1245	506	--	5.5	DEC				
FEB 1955					02...	1010	13	4.0	0.5
02...	1400	93	2.0	0.0	FEB 1959				
MAR					03...	1310	26	6.5	1.5
03...	0920	380	3.5	5.0	MAR				
30...	1340	106	10.0	5.5	04...	1025	27	--	3.5
APR					APR				
29...	1320	50	20.0	11.5	01...	1020	92	--	10.0
JUN					28...	1015	111	--	14.5
01...	1640	12	21.5	20.5	JUN				
30...	1320	5.0	24.5	21.5	03...	0920	207	--	16.0
AUG					JUL				
02...	1255	4.6	32.5	--	29...	1055	11	--	23.0
NOV					SEP				
02...	1005	4.6	14.5	10.5	29...	0950	3.9	--	18.0
30...	1455	4.1	-1.0	0.5	OCT				
JAN 1956					28...	1040	14	--	10.0
04...	1130	10	1.0	0.5	NOV				
31...	0935	105	0.0	0.0	24...	1045	149	--	7.5
MAR					29...	1025	76	-1.0	--
01...	1105	65	7.0	6.5	DEC				
07...	1635	65	18.5	10.0	29...	1100	60	--	6.0

## KANAWHA RIVER BASIN

## 03183000 SECOND CREEK NEAR SECOND CREEK, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
FEB 1960					AUG 1963				
09...	1145	111	--	6.5	28...	1025	4.6	16.5	19.5
JUN					OCT				
02...	1330	74	--	21.5	01...	1000	8.4	--	12.5
28...	1130	11	--	24.0	JAN 1964				
AUG					29...	1010	71	--	1.0
03...	1045	5.6	--	25.0	MAR				
30...	1455	5.0	29.5	28.5	31...	0945	57	-4.0	--
SEP					MAY				
28...	1120	6.4	--	16.5	26...	0855	14	--	15.5
NOV					JUN				
02...	1445	10	--	11.5	27...	1040	4.6	29.5	20.5
30...	1205	14	0.0	4.0	OCT				
DEC					29...	1115	4.9	--	12.5
30...	1140	95	-6.0	0.5	JUL 1965				
FEB 1961					27...	0835	5.5	--	20.5
02...	1055	14	-6.0	0.0	AUG				
20...	1205	239	--	5.0	04...	1220	6.6	--	20.5
MAR					05...	1500	4.2	--	24.0
02...	1010	183	--	6.0	SEP				
31...	1210	135	--	7.5	01...	0910	3.8	24.0	18.0
MAY					OCT				
03...	0900	203	13.5	9.0	26...	0950	5.8	4.0	--
31...	1100	25	--	14.5	NOV				
JUN					30...	0845	10	-4.0	--
28...	1050	36	--	15.5	MAR 1966				
AUG					29...	0955	12	-2.0	--
02...	1025	14	--	22.5	JUN				
30...	1030	10	--	21.5	01...	0900	30	--	11.5
NOV					28...	0840	5.6	--	20.5
02...	1020	28	13.5	--	AUG				
29...	1025	76	-1.0	2.5	02...	0835	4.5	--	19.0
DEC					30...	1515	3.5	28.0	24.5
29...	1105	98	-12.0	0.0	SEP				
JAN 1962					26...	0850	34	15.0	14.0
31...	1025	161	-11.0	1.0	OCT				
MAR					31...	1235	24	13.5	8.5
29...	0950	100	10.0	8.0	NOV				
MAY					30...	1005	168	-1.0	2.5
02...	1020	71	--	15.0	DEC				
30...	0940	44	--	18.5	28...	1040	60	-2.0	0.5
JUN					JAN 1967				
28...	1010	17	--	19.0	31...	1015	121	3.5	2.5
AUG					FEB				
30...	1055	9.8	--	21.5	28...	0930	97	0.5	0.5
SEP					MAR				
26...	1445	12	20.0	15.0	28...	1000	90	14.5	10.0
26...	1505	11	20.0	15.0	APR				
OCT					25...	0955	94	6.5	8.0
30...	0945	9.6	--	9.5	MAY				
NOV					30...	0800	54	14.0	15.5
30...	1240	39	15.5	8.0	JUN				
JAN 1963					28...	0840	11	18.0	17.0
01...	1600	162	--	0.0	JUL				
30...	1055	49	--	0.5	25...	1100	7.7	21.5	24.0
FEB					SEP				
27...	1225	45	--	0.5	27...	1040	4.0	22.0	15.0
MAR					OCT				
28...	1000	103	--	6.0	31...	1010	38	9.0	6.5
28...	1005	98	--	6.0	NOV				
APR					28...	0930	20	-6.0	3.0
15...	1655	30	--	11.5	OEC				
30...	1020	22	--	12.5	26...	1210	123	--	4.5
MAY					JAN 1968				
28...	1345	22	18.0	16.0	30...	1100	315	6.0	3.0
JUN					FEB				
25...	0910	13	18.5	18.0	27...	1000	18	-8.0	1.0

# KANAWHA RIVER BASIN

03183000 SECOND CREEK NEAR SECOND CREEK, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAR 1968						
26...	1000	123	--	--	7.0	3.0
APR						
23...	1010	34	--	--	14.5	13.0
JUN						
25...	0945	11	--	--	24.5	18.5
JUL						
23...	1020	15	--	--	25.5	22.0
AUG						
26...	1225	9.2	--	--	26.0	24.5
SEP						
24...	0950	4.1	--	--	20.0	15.5
DCT						
22...	0930	25	--	--	11.5	9.5
NOV						
26...	1000	31	--	--	2.5	4.0
DEC						
30...	1140	72	--	--	3.5	0.5
JAN 1969						
21...	1000	91	--	--	0.5	0.5
FEB						
25...	1010	41	--	--	-2.0	3.0
MAR						
25...	1015	194	--	--	4.5	4.0
APR						
23...	0930	116	--	--	7.0	9.0
MAY						
28...	0930	18	--	--	15.5	15.0
JUN						
24...	0945	12	--	--	22.0	20.0
JUL						
23...	1040	12	145	--	26.0	24.0
AUG						
26...	1030	9.9	148	--	24.0	20.0
OCT						
07...	1100	5.4	190	7.90	24.0	15.0
NOV						
05...	1055	14	150	8.50	5.5	7.0
25...	1045	15	140	7.90	10.0	4.0
DEC						
23...	1135	23	210	7.50	-2.0	1.0
JAN 1970						
26...	1130	88	95	7.30	7.0	0.0
FEB						
25...	0935	86	120	7.70	1.0	3.0
MAR						
24...	0930	66	100	7.30	1.0	3.0
APR						
28...	1500	183	65	7.50	20.0	17.0
MAY						
27...	1040	36	118	7.30	20.0	16.0
JUN						
23...	0955	12	160	7.50	16.0	19.0
JUL						
28...	0950	5.1	200	7.30	24.0	25.0
AUG						
26...	1000	8.2	210	7.60	21.0	18.0
SEP						
22...	1010	3.2	190	7.20	24.0	17.5
OCT						
28...	0845	2.8	240	7.60	12.0	12.0
DEC						
02...	1015	8.0	--	7.50	19.0	7.5
29...	1020	12	125	7.00	-2.0	1.0

## KANAWHA RIVER BASIN

03183000 SECOND CREEK NEAR SECOND CREEK, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
JAN 1971							
26...	1030	88	75	7.70	0.0	1.5	--
FEB							
23...	1040	276	80	7.00	-1.0	5.0	--
MAR							
23...	1110	48	105	7.40	2.0	4.5	--
APR							
27...	0930	29	130	7.80	17.0	9.5	--
MAY							
26...	1030	45	105	7.60	21.0	16.0	--
JUN							
22...	0950	65	130	7.80	21.0	20.0	--
JUL							
29...	1000	8.1	--	--	25.0	20.0	--
AUG							
24...	0901	9.1	175	--	14.0	18.0	--
SEP							
29...	1040	12	--	--	19.0	18.0	--
OCT							
27...	1015	85	110	--	12.0	12.0	--
NOV							
30...	1630	113	--	--	-6.0	4.0	--
DEC							
28...	0945	34	--	--	11.0	9.0	--
JAN 1972							
26...	0950	129	100	--	0.0	2.0	--
FEB							
23...	1405	181	--	--	-0.5	1.5	--
MAR							
27...	1250	89	85	7.60	6.5	7.0	12.0
APR							
24...	1310	279	79	7.40	11.0	11.0	10.4
JUL							
11...	1315	53	--	--	24.0	20.0	--
24...	1120	20	180	7.90	25.0	23.5	--
AUG							
21...	1050	27	150	--	18.0	18.5	--
OCT							
02...	0940	54	150	8.10	8.0	9.5	--
24...	1030	30	155	--	17.0	10.0	--
NOV							
20...	1010	509	80	--	5.0	7.0	--
JAN 1973							
22...	1300	74	95	7.70	13.5	4.0	--
FEB							
22...	1130	68	--	--	-1.0	1.0	--
APR							
25...	1130	78	100	7.50	16.0	13.5	--
MAY							
21...	1415	41	120	7.90	22.0	16.0	--
JUN							
26...	1230	35	130	7.80	27.5	21.0	--
AUG							
08...	1300	16	--	--	38.0	23.0	--
SEP							
06...	1330	7.2	--	--	28.0	22.0	--

## KANAWHA RIVER BASIN

03183200 DAVIS SPRING AT FORT SPRING, WV

LOCATION.--Lat 37°45'20", long 80°32'42", Greenbrier County, on left bank at Fort Spring, 150 ft downstream from source, and 500 ft upstream from mouth.

PERIOD OF STREAMFLOW RECORD.--October 1971 to September 1972.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
NOV 1971							
18...	1215	19	363	7.70	--	12.0	--
DEC							
28...	1435	35	--	--	14.0	8.0	--
JAN 1972							
26...	1715	210	300	--	6.0	8.0	--
MAR							
14...	1550	63	--	--	9.0	8.0	--
27...	1355	65	300	7.60	8.0	8.5	--
MAY							
22...	1130	172	290	--	14.0	13.0	--
JUL							
11...	1250	63	321	7.60	24.0	13.5	--
24...	1250	21	370	7.80	26.5	16.0	8.0
AUG							
21...	1140	25	--	--	20.0	14.0	--
OCT							
02...	1100	20	420	8.20	12.0	12.5	--
24...	1140	20	390	--	14.0	12.0	--
DEC							
19...	1500	155	300	7.60	--	--	--
JAN 1973							
22...	1410	36	370	7.60	13.5	8.0	--
APR							
03...	0915	74	286	7.20	14.0	10.0	--
25...	0930	75	300	7.30	14.0	11.0	--
MAY							
21...	1600	48	310	7.00	18.0	13.0	--
JUN							
26...	1345	54	300	7.80	24.0	15.0	--
AUG							
08...	1400	26	--	--	38.0	23.0	--

## KANAWHA RIVER BASIN

03183500 GREENBRIER RIVER AT ALDERSON, WV

LOCATION.--Lat 37°43'27", long 80°38'30", Monroe County, Hydrologic Unit  
05050003, on left bank 400 ft upstream from highway bridge at Alderson, 0.5 mi  
upstream from Muddy Creek, and at mile 29.2.

DRAINAGE AREA.--1,364 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--July 1895 to current year. Monthly discharge only  
for some periods, published in WSP 1305.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					NOV 1948				
23...	1500	845	29.0	25.0	02...	1400	310	15.0	11.5
AUG					DEC				
14...	1640	24	28.0	25.5	06...	1500	6550	8.5	8.0
SEP					APR 1949				
09...	1615	148	29.0	25.5	13...	1815	3260	11.5	11.0
OCT					MAY				
12...	1445	272	18.5	13.5	13...	1855	1890	25.5	16.5
NOV					JUN				
13...	1520	270	22.0	14.5	23...	1030	898	24.0	23.5
APR 1946					JUL				
17...	1330	1220	21.5	14.0	21...	1100	2120	26.5	22.0
MAY					AUG				
17...	1230	1790	20.0	19.5	16...	1400	1700	25.5	24.5
JUN					SEP				
13...	1245	325	28.0	23.5	09...	0855	267	19.5	23.0
SEP					OCT				
15...	1045	104	29.0	20.5	23...	1010	168	6.0	14.5
OCT					NOV				
18...	1815	80	23.5	14.0	14...	1725	796	13.5	9.5
NOV					JAN 1950				
15...	0940	91	-2.0	6.5	20...	1250	3400	1.0	4.0
JAN 1947					FEB				
09...	1220	1330	0.0	2.5	23...	1635	1380	1.5	5.0
APR					MAY				
21...	1445	1810	21.0	13.5	01...	1835	1350	28.0	18.0
MAY					30...	1700	2240	25.5	18.0
05...	1600	2580	15.0	14.0	JUN				
JUN					26...	1745	837	30.5	24.0
13...	1245	736	23.5	25.0	JUL				
JUL					26...	1840	594	25.5	23.5
10...	1200	182	20.0	24.0	AUG				
AUG					28...	1700	231	33.0	26.0
06...	1020	303	29.0	24.5	OCT				
SEP					03...	1150	385	18.0	18.5
02...	0710	260	24.5	25.0	NOV				
06...	1745	212	22.5	22.5	06...	1330	4840	22.0	12.0
OCT					JUN 1951				
04...	1535	111	20.5	16.0	27...	1525	614	31.0	25.5
NOV					AUG				
06...	1030	2690	10.0	11.0	28...	0930	95	27.0	22.5
DEC					NOV				
10...	1340	1920	0.0	2.5	28...	1600	1610	8.0	2.5
JAN 1948					JAN 1952				
07...	1615	978	0.0	0.5	04...	1505	7300	8.5	6.5
FEB					30...	1110	6670	-2.0	3.0
11...	1415	591	3.5	1.0	MAR				
MAR					31...	1550	1620	20.5	9.0
04...	1010	4070	3.5	6.0	JUN				
APR					04...	0925	756	28.0	20.5
17...	1725	5720	16.5	13.5	JUL				
MAY					03...	0915	186	29.0	24.5
12...	0940	2550	20.0	18.0	29...	0805	77	30.0	25.0
JUN					AUG				
17...	1300	635	22.0	21.5	06...	1145	168	30.0	24.5
JUL					SEP				
07...	1215	578	26.5	25.5	03...	0920	170	19.0	21.5
AUG					29...	1350	148	30.0	19.0
18...	1815	818	21.0	21.5	OCT				
OCT					31...	1430	59	19.0	6.5
14...	1235	848	12.5	13.0					

## KANAWHA RIVER BASIN

03183500 GREENBRIER RIVER AT ALDERSON, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
DEC 1953					JUN 1958				
01...	1715	123	--	1.0	03...	1650	554	20.0	23.5
29...	1220	349	8.5	1.0	JUL				
FEB 1954					02...	1255	191	24.5	25.5
02...	1440	928	--	3.0	SEP				
MAR					29...	1400	210	20.5	18.5
30...	1445	2220	16.5	--	DEC				
APR					02...	1400	568	5.0	3.0
27...	1100	1700	20.5	--	FEB 1959				
JUN					03...	1730	795	4.0	2.5
03...	1040	1060	24.0	20.0	SEP 1960				
JUL					01...	1250	124	26.0	--
29...	1040	520	24.5	23.0	28...	1555	314	3.0	--
AUG					OCT				
30...	1130	797	21.5	24.5	31...	1335	224	11.5	--
NOV					NOV				
02...	1035	1740	5.0	--	30...	1535	231	5.5	--
30...	1100	3050	5.0	--	FEB 1961				
DEC					01...	1630	583	--	0.5
29...	1030	2200	10.0	--	MAY				
FEB 1955					31...	1455	629	--	17.0
02...	1245	753	6.0	1.0	JUL				
MAR					31...	1650	522	--	26.0
02...	1730	13100	12.0	--	AUG				
30...	1105	2130	8.5	--	30...	1440	363	--	27.0
APR					SEP				
29...	1050	1170	18.5	--	28...	1555	217	--	20.5
JUN					NOV				
01...	1510	416	21.0	20.0	01...	1655	630	--	13.5
29...	1640	350	26.5	24.5	JUN 1962				
AUG					28...	1420	266	--	23.5
02...	1105	105	28.0	--	AUG				
30...	1630	150	30.0	24.5	30...	1550	65	--	25.5
NOV					SEP				
01...	1610	85	20.0	13.5	28...	1120	71	13.5	15.5
30...	1325	185	-3.0	0.0	OCT				
JAN 1956					30...	1310	117	17.5	10.0
04...	1005	163	-5.0	0.0	NOV				
MAY					30...	1510	671	14.5	6.0
02...	1515	1200	19.0	15.0	JAN 1963				
30...	1150	4730	30.0	20.5	01...	1400	981	--	0.5
JUL					30...	1435	774	--	0.5
05...	1330	1000	30.0	25.5	MAY				
AUG					28...	0925	580	--	16.5
02...	1235	584	26.0	24.5	JUN				
29...	1525	203	24.5	25.5	25...	1240	249	24.0	20.0
SEP					OCT				
26...	1530	190	15.0	15.5	30...	1515	75	--	11.5
NOV					MAY 1964				
30...	1125	508	-2.0	1.0	26...	1245	266	--	23.5
JAN 1957					JUN				
03...	1425	673	0.0	0.0	28...	1135	128	--	25.0
30...	1115	29100	8.0	10.0	OCT				
FEB					29...	1500	134	--	13.0
26...	1410	2680	14.0	9.0	JUL 1965				
APR					28...	0810	84	--	24.5
02...	1055	1150	15.5	9.0	AUG				
29...	1250	867	26.5	21.0	31...	1410	87	25.0	22.0
MAY					SEP				
29...	1210	593	23.5	21.5	28...	1220	240	16.0	--
JUL					MAR 1966				
02...	0940	2050	17.0	21.5	29...	1315	520	0.0	--
AUG					JUN				
01...	1015	282	26.0	25.5	01...	1130	833	--	14.5
21...	0910	155	21.0	21.0	28...	1115	115	--	25.5
OCT									
30...	0840	739	9.5	8.0					

## KANAWHA RIVER BASIN

03183500 GREENBRIER RIVER AT ALDERSON, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
AUG 1966							
02...	1140	76	--	--	--	24.5	--
30...	1300	105	--	--	25.5	22.0	--
SEP							
27...	1126	630	--	--	--	15.0	--
OCT							
31...	1030	503	--	--	8.0	9.0	--
NOV							
30...	1305	3530	--	--	0.5	3.0	--
JAN 1967							
31...	1412	2880	--	--	6.0	4.0	--
FEB							
28...	1230	1190	--	--	2.0	0.5	--
MAR							
28...	1310	2980	--	--	16.5	11.5	--
APR							
25...	1300	2700	--	--	13.0	10.0	--
JUN							
28...	1210	284	--	--	20.5	23.0	--
JUL							
25...	0900	277	--	--	21.0	24.5	--
NOV							
01...	0845	867	--	--	8.0	4.5	--
28...	1240	1560	--	--	-6.0	2.0	--
APR 1968							
23...	1235	761	--	--	--	13.5	--
JUN							
25...	1215	408	--	--	26.5	24.5	--
JUL							
23...	1340	415	--	--	28.0	23.0	--
AUG							
28...	1045	106	--	--	26.0	23.5	--
SEP							
25...	1030	76	--	--	19.0	15.5	--
OCT							
24...	1150	458	--	--	19.5	11.0	--
JUN 1969							
25...	1020	291	--	--	22.0	23.0	--
OCT							
08...	1100	229	190	7.70	20.0	15.0	--
NOV							
04...	1045	593	220	8.20	10.0	10.0	--
25...	1420	671	120	7.40	15.0	5.0	--
DEC							
24...	1040	760	250	7.65	3.0	2.0	--
JAN 1970							
26...	0945	800	140	7.40	9.5	1.0	--
FEB							
24...	1550	2940	97	7.90	4.0	3.0	--
MAR							
25...	1100	2520	88	7.40	2.0	5.0	--
APR							
27...	1550	4480	82	7.40	24.0	16.0	--
MAY							
25...	1105	759	135	7.20	26.0	22.5	--
JUN							
24...	1015	256	180	7.40	24.0	23.0	--
JUL							
27...	1430	229	150	7.10	29.0	26.0	--
AUG							
25...	1120	902	170	7.40	22.0	20.0	--
SEP							
23...	0945	77	230	7.50	24.0	23.0	--
OCT							
26...	1500	301	220	7.40	20.0	15.0	8.6



## KANAWHA RIVER BASIN

03183500 GREENBRIER RIVER AT ALDERSON, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
DEC 1970							
01...	1010	636	120	7.95	8.0	7.0	--
28...	1540	2090	90	7.50	0.0	2.0	--
JAN 1971							
25...	1545	1820	100	7.50	7.0	1.0	--
FEB							
23...	1440	18300	75	7.10	-2.0	5.0	--
MAR							
25...	1105	2590	90	7.20	-2.0	5.5	--
APR							
26...	1500	635	140	8.10	22.0	10.0	--
MAY							
25...	1625	1010	115	7.70	--	17.5	--
JUN							
24...	1010	1160	160	7.30	24.0	21.0	--
JUL							
26...	0935	270	180	7.70	20.5	22.0	--
AUG							
23...	1420	266	--	--	23.5	25.0	--
SEP							
29...	1640	1120	--	--	24.0	18.0	--
OCT							
26...	1600	2730	140	--	22.0	15.0	--
NOV							
26...	1120	417	130	--	20.0	2.0	--
DEC							
29...	1115	1020	--	--	4.0	7.0	--
JAN 1972							
25...	1240	5250	65	--	7.0	7.0	--
FEB							
24...	0910	3350	135	--	2.0	3.5	12.7
MAR							
27...	1220	2280	--	--	5.0	9.0	--
APR							
24...	1210	7280	--	--	14.0	12.0	--
MAY							
25...	0910	2120	90	--	--	16.0	9.9
JUN							
26...	1355	3370	89	--	24.0	20.0	9.0
JUL							
24...	1330	525	215	--	27.0	21.0	7.5
AUG							
24...	0920	579	221	--	21.0	22.0	--
SEP							
27...	1230	152	--	--	25.0	20.0	--
NOV							
29...	1440	3510	--	--	8.0	4.0	--
JAN 1973							
24...	1240	2110	92	--	4.0	2.0	11.6
MAR							
02...	0910	1700	--	--	2.0	7.0	--
28...	1300	5610	--	--	14.0	10.0	--
MAY							
30...	1445	7320	--	--	25.0	17.0	--
AUG							
10...	1335	242	--	--	35.0	23.0	--
OCT							
10...	0915	368	200	--	15.0	17.5	--
JAN 1974							
09...	1015	2640	--	--	7.0	4.0	--
FEB							
13...	1035	1070	--	--	6.5	3.5	--
MAR							
11...	1600	2540	--	--	14.0	10.5	--

## KANAWHA RIVER BASIN

03183500 GREENBRIER RIVER AT ALDERSON, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
APR 1974							
16...	1720	1590	--	--	17.5	13.0	--
MAY							
14...	1150	8700	--	--	16.0	11.5	--
JUN							
10...	1500	1210	--	--	30.0	23.0	--
AUG							
13...	1040	423	--	--	21.0	18.0	--
SEP							
25...	1445	173	--	--	15.0	17.0	--
FEB 1975							
19...	1130	4790	90	6.20	4.0	6.0	11.5
APR							
10...	1300	1410	100	8.30	19.0	11.0	--
MAY							
14...	1100	3460	100	6.80	17.0	14.0	--
JUN							
10...	1100	841	120	--	17.0	18.0	9.1
JUL							
23...	1040	487	150	7.00	24.0	25.0	7.9
AUG							
12...	1025	235	200	7.50	24.0	23.0	7.7
SEP							
16...	1440	342	185	--	18.0	18.0	--

## KANAWHA RIVER BASIN

03184000 GREENBRIER RIVER AT HILLDALE, WV

LOCATION.--Lat 37°38'24", long 80°48'19", Summers County, Hydrologic Unit 05050003, on left bank 100 ft downstream from State Highway 3 bridge at Hilldale, 0.1 mi upstream from Howard Creek, 0.9 mi upstream from Powley Creek, 5.0 mi southeast of Hinton, and at mile 5.5. Records include flow of Howard Creek.

DRAINAGE AREA.--1,619 mi<sup>2</sup>, includes that of Howard Creek.

PERIOD OF STREAMFLOW RECORD.--June 1936 to current year.

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					JUN 1949				
16...	1420	260	20.0	24.0	23...	1330	1150	32.0	24.0
AUG					JUL				
15...	1630	253	28.5	27.0	20...	1745	3050	25.5	20.0
SEP					AUG				
10...	1015	155	21.0	24.0	16...	1750	1340	24.0	24.0
OCT					OCT				
12...	0920	290	5.5	13.0	20...	1700	194	20.0	16.0
NOV					NOV				
13...	1740	292	22.0	14.5	15...	1800	1110	8.0	9.5
APR 1946					FEB 1950				
17...	1700	1420	20.0	14.5	23...	0935	1370	0.0	4.5
MAY					MAY				
14...	1745	1380	16.5	16.5	31...	1610	2280	27.5	18.5
JUN					JUL				
12...	1350	391	25.5	24.5	29...	0915	1360	20.5	21.0
JUL					OCT				
17...	1500	518	29.5	26.5	03...	1620	472	20.0	20.0
AUG					DEC				
15...	1305	114	26.0	20.5	20...	1010	469	0.0	0.0
SEP					JAN 1951				
14...	0950	56	26.5	19.0	30...	1550	2100	9.0	3.5
OCT					MAR				
18...	1015	82	11.0	13.5	30...	1805	4970	18.0	10.0
NOV					MAY				
13...	0930	108	5.5	9.0	29...	1625	877	26.5	18.0
APR 1947					AUG				
25...	0910	1330	21.0	13.5	03...	0900	328	30.5	26.5
MAY					28...	1150	118	31.0	22.5
07...	1710	2100	11.0	14.5	OCT				
JUN					02...	0900	89	21.5	18.5
12...	1300	1220	21.5	25.5	JAN 1952				
JUL					04...	0900	8370	5.5	5.5
09...	1825	172	20.5	24.5	FEB				
AUG					28...	1600	1120	18.5	6.5
06...	1345	400	30.0	24.5	JUL				
SEP					29...	1040	102	31.5	26.0
04...	0925	223	17.0	23.5	SEP				
OCT					20...	1535	171	29.0	21.0
05...	1825	111	17.5	18.5	JUL 1953				
APR 1948					02...	1830	801	19.0	--
22...	1150	2160	18.0	15.5	SEP				
MAY					01...	1040	51	--	23.5
12...	1220	3140	25.5	18.0	APR 1954				
JUN					27...	1805	1860	22.5	--
17...	0940	818	18.5	21.0	AUG				
JUL					30...	1640	884	25.5	--
08...	1820	528	22.0	26.0	MAR 1955				
AUG					29...	1545	2860	5.5	--
18...	1220	964	25.5	34.0	APR				
SEP					01...	1520	287	3.5	0.5
07...	1745	284	23.0	23.5	JUN				
OCT					02...	1200	516	21.0	20.0
14...	0950	1030	10.0	12.5	29...	1530	376	26.5	25.5
NOV					DEC				
03...	1125	333	11.5	11.5	01...	1320	246	1.5	0.0
DEC					FEB 1956				
06...	1725	7650	8.0	8.5	01...	1450	4210	6.0	0.0
APR 1949					JUL				
13...	1440	3430	14.0	10.5	31...	1535	1410	28.0	23.5
MAY									
13...	1520	2680	23.5	17.5					

KANAWHA RIVER BASIN  
03184000 GREENBRIER RIVER AT HILLDALE, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1956						
31...	1700	1300	--	--	22.0	15.5
FEB 1957						
27...	1115	3740	--	--	20.5	9.0
JUL						
30...	1630	1110	--	--	31.5	27.0
AUG						
30...	1315	80	--	--	32.5	25.5
FEB 1959						
04...	1230	976	--	--	0.0	--
MAY 1960						
03...	1625	1190	--	--	21.0	--
AUG						
29...	1615	132	--	--	29.0	28.5
SEP						
29...	1030	340	--	--	--	18.5
DEC						
28...	1620	218	--	--	--	0.0
MAY 1961						
03...	1700	8490	81	7.30	--	11.0
JUN						
01...	1715	619	--	--	--	20.0
AUG						
29...	1525	550	--	--	--	27.0
SEP						
26...	1345	288	--	--	--	23.5
JUN 1962						
26...	1615	401	--	--	--	24.5
AUG						
30...	1750	82	--	--	--	27.0
SEP						
26...	1830	77	--	--	19.5	16.5
MAY 1963						
27...	1435	654	--	--	--	18.0
AUG						
28...	1525	144	--	--	--	24.5
OCT 1964						
27...	1720	131	--	--	--	11.5
SEP 1965						
01...	1310	84	--	--	23.5	21.5
28...	1410	250	--	--	18.0	18.5
NOV						
29...	1340	260	--	--	0.0	--
MAR 1966						
01...	1415	2270	--	--	9.0	--
JUN						
01...	1430	1020	--	--	--	15.0
AUG						
02...	1515	89	--	--	--	25.5
SEP						
28...	1230	3030	--	--	22.0	16.5
NOV						
30...	1500	4290	--	--	1.0	3.0
FEB 1967						
01...	1400	2800	--	--	16.5	5.0
MAR						
29...	1200	3140	--	--	18.5	12.0
JUN						
28...	1350	332	--	--	23.0	24.5
AUG						
30...	1315	1590	--	--	25.5	21.0
SEP						
28...	1050	142	--	--	18.5	12.0
NOV						
29...	1040	1740	--	--	0.0	2.5

## KANAWHA RIVER BASIN

03184000 GREENBRIER RIVER AT HILLDALE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
JUN 1968							
27...	1000	400	--	--	26.0	20.0	--
AUG							
28...	1410	114	--	--	26.5	23.5	--
SEP							
25...	1230	82	--	--	21.0	15.5	--
NOV							
26...	1400	987	--	--	15.5	4.0	--
FEB 1969							
25...	1530	1030	--	--	--	3.0	--
APR							
24...	1015	3230	--	--	7.0	10.0	--
JUN							
26...	1130	323	--	--	21.0	23.0	--
OCT							
08...	1430	246	192	7.80	24.0	16.0	--
NOV							
06...	1055	572	225	8.35	7.0	10.0	--
FEB 1970							
26...	1215	3350	--	7.80	-6.0	5.0	--
APR							
29...	1120	7250	96	7.50	23.0	17.0	--
JUL							
29...	1140	323	140	7.20	28.0	26.0	--
SEP							
23...	1145	85	220	7.70	27.0	24.0	--
OCT							
28...	1315	223	240	7.60	9.0	12.0	--
DEC							
30...	1500	1920	100	7.40	2.0	1.5	--
JAN 1971							
27...	--	2300	110	7.80	--	0.5	--
MAR							
24...	1130	3490	95	7.30	-4.0	5.5	--
MAY							
27...	1240	1030	120	7.70	18.0	16.5	--
AUG							
26...	1005	246	--	--	21.0	22.5	--
SEP							
30...	1020	1150	--	--	19.0	18.0	--
JUN 1972							
28...	1030	2620	108	--	22.0	18.0	--
NOV							
30...	0930	3900	98	7.20	2.0	4.0	11.5
AUG 1973							
06...	1245	397	--	--	31.0	25.0	--
OCT							
09...	1400	392	--	--	19.5	19.0	--
JAN 1974							
08...	1700	3770	--	--	5.0	4.0	--
MAY							
13...	1600	29400	--	--	29.0	13.0	--
JUN							
10...	1935	1390	--	--	29.0	24.0	--
OCT							
07...	1540	137	--	--	20.0	15.5	--
NOV							
12...	1315	300	--	--	10.0	11.0	--
APR 1975							
11...	0950	1660	100	8.40	9.0	11.5	--
MAY							
14...	1400	4220	100	6.40	20.0	19.0	--
JUL							
21...	1300	464	170	--	26.0	26.0	--

## KANAWHA RIVER BASIN

03184200 BIG CREEK NEAR BELLEPOINT, WV

LOCATION.--Lat 37°40'28", long 80°48'52", Summers County, Hydrologic Unit 05050003, on left bank 10 ft downstream from bridge on Secondary State Route 10, 4.0 mi northeast of Bellepoint, and at mile 2.0.

DRAINAGE AREA.--8.27 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--May 1969 to September 1977.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
MAY 1969							
29...	0940	0.56	--	--	18.5	17.0	--
JUL							
24...	1300	3.8	--	--	30.5	24.0	--
AUG							
27...	1040	0.44	--	--	26.5	24.0	--
AUG 1970							
27...	1015	0.17	175	7.40	21.0	20.0	--
SEP							
23...	1330	0.06	180	7.50	29.0	24.0	--
OCT							
06...	0930	0.03	--	--	8.0	9.0	--
29...	0940	0.09	190	7.50	--	--	--
DEC							
22...	0915	44	98	7.50	9.5	7.0	--
30...	1130	3.4	100	7.40	-2.0	0.5	--
JAN 1971							
27...	1200	16	--	--	-8.0	0.5	--
FEB							
22...	1600	73	--	--	3.0	3.0	--
MAR							
24...	1400	8.1	--	--	-2.0	5.0	--
APR							
28...	0930	21	--	--	14.0	10.0	--
MAY							
27...	1400	2.5	--	--	17.0	16.0	--
JUN							
23...	1330	2.5	--	--	28.0	23.0	--
JUL							
27...	1250	0.46	--	--	24.0	22.0	--
AUG							
25...	1340	0.04	--	--	32.0	24.0	--
SEP							
28...	1510	1.0	--	--	28.0	19.0	--
OCT							
27...	1655	3.9	102	--	23.0	17.0	8.6
NOV							
23...	1450	0.76	--	--	-1.0	1.0	--
DEC							
21...	1440	11	--	--	14.0	9.0	--
JAN 1972							
19...	1330	5.4	--	--	8.0	0.5	--
FEB							
22...	1630	35	100	--	--	4.0	--
MAR							
28...	0815	7.2	--	--	7.5	5.0	--
APR							
24...	1635	21	--	--	11.0	11.5	--
MAY							
22...	1420	33	--	--	20.0	14.0	--
JUL							
11...	1820	2.2	--	--	--	23.0	--
24...	1430	1.1	--	--	32.0	29.0	--
AUG							
21...	1340	2.8	--	--	30.5	22.5	--

## KANAWHA RIVER BASIN

03184200 BIG CREEK NEAR BELLEPOINT, WV--Continued  
WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
OCT 1972							
02...	1400	1.3	--	--	22.0	11.0	--
24...	1350	2.2	--	--	18.0	13.0	--
NOV							
20...	1340	41	--	--	4.0	7.0	--
APR 1973							
03...	1310	13	92	8.10	13.0	13.5	--
25...	1355	7.7	95	7.00	19.0	14.0	10.2
JUN							
29...	0940	4.0	120	7.50	25.0	18.0	8.9
JUL							
23...	1530	0.54	--	7.30	25.0	25.0	--
SEP							
26...	1330	0.09	200	--	23.0	22.0	--
NOV							
28...	1030	73	--	--	16.0	11.0	--
JAN 1974							
22...	1520	7.6	--	--	15.5	10.0	--
MAR							
28...	0945	6.8	--	--	9.0	7.0	--
MAY							
29...	0905	1.3	--	--	17.0	16.0	--
JUN							
24...	1525	1.1	--	--	29.0	22.0	--
DEC							
10...	1315	16	--	--	3.0	2.0	--
FEB 1975							
19...	1450	12	70	5.00	5.0	6.0	12.6
MAR							
26...	1020	21	65	6.00	-2.0	4.0	12.0
MAY							
21...	0915	9.2	85	6.30	15.0	15.0	--
JUL							
23...	1310	0.14	170	7.80	27.0	25.0	--
SEP							
24...	1415	8.1	90	--	24.0	19.0	8.5

## KANAWHA RIVER BASIN

03184500 NEW RIVER AT HINTON, WV

LOCATION.--Lat 37°40'13", long 80°53'45", Summers County, Hydrologic Unit 05050004, on right bank at Hinton, 0.2 mi upstream from Madam Creek, 1.5 mi downstream from Greenbrier River, at New River mile 62.0 and Kanawha River mile 160.0.

DRAINAGE AREA.--6,256 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--June 1936 to current year.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					FEB 1950				
22...	1200	3570	20.5	25.5	21...	0745	7180	6.5	2.5
AUG					MAR				
12...	1055	2420	21.5	27.0	28...	1100	11900	20.0	11.5
SEP					MAY				
11...	1020	2530	21.0	23.5	30...	1115	17200	22.0	19.0
19...	0650	48500	22.0	16.0	JUN				
DCT					28...	1310	7060	29.0	24.5
11...	0950	3480	4.5	12.5	AUG				
NOV					29...	1820	5270	27.5	26.5
14...	1050	2460	10.5	13.5	OCT				
APR 1946					04...	1440	3410	19.0	18.0
16...	1200	7540	14.0	15.0	DEC				
MAY					20...	1545	5250	1.0	0.0
16...	1525	10000	25.5	20.5	JAN 1951				
JUL					31...	1645	7370	10.0	3.5
17...	1030	4280	26.5	25.5	FEB				
AUG					27...	1220	10300	20.5	10.0
15...	1620	3430	24.5	22.5	MAR				
APR 1947					31...	1730	47300	24.0	10.0
22...	1520	9940	16.5	13.5	APR				
MAY					30...	1345	10200	29.5	18.5
07...	0725	6840	10.5	14.5	JUN				
JUN					29...	1450	6260	30.0	25.0
10...	1445	2690	27.0	28.0	JUL				
AUG					31...	1620	3580	33.5	32.0
08...	0945	2440	26.5	24.5	AUG				
SEP					28...	1600	2310	28.0	24.0
03...	1440	2300	26.0	24.5	NOV				
MAR 1948					30...	1500	3260	14.5	3.5
06...	1000	8910	-1.0	4.0	JAN 1952				
APR					03...	1300	11900	6.0	7.5
22...	1535	8260	20.0	18.0	FEB				
MAY					29...	1515	6570	21.0	6.5
13...	1810	6510	23.0	19.5	APR				
JUN					02...	1500	9960	16.5	11.5
16...	1030	4200	20.0	23.5	30...	1440	29400	26.0	14.5
JUL					JUN				
08...	1530	2890	25.5	27.0	03...	1420	5490	31.5	21.5
AUG					JUL				
17...	1010	4100	22.0	23.0	30...	0945	1830	28.5	27.0
SEP					NOV				
08...	1030	2760	22.0	25.0	01...	1015	1890	9.5	8.0
OCT					DEC				
13...	1055	3520	13.5	13.0	03...	1535	2820	2.5	5.0
APR 1949					MAR 1955				
13...	0950	10600	20.5	11.0	02...	1420	55000	17.5	--
MAY					JUN				
13...	1200	19200	23.5	16.5	02...	0900	5330	16.0	--
JUN					JUL 1956				
22...	1830	7900	27.0	24.0	03...	1145	2340	31.5	27.5
SEP					NOV				
08...	1420	7200	23.5	22.5	30...	0710	3160	3.0	1.0
DCT					FEB 1957				
21...	0830	3890	9.5	15.0	27...	1510	18800	19.5	9.0
NOV					FEB 1959				
15...	0900	5680	3.0	9.0	04...	1005	4280	0.5	--
DEC					NOV 1960				
22...	0830	9770	2.5	5.5	29...	1430	2170	--	9.5
JAN 1950									
18...	0830	13100	4.5	5.0					



## KANAWHA RIVER BASIN

03184500 NEW RIVER AT HINTON, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
JUN 1963							
26...	1455	2500	--	--	29.0	--	--
SEP 1965							
02...	1020	1860	--	--	21.0	19.0	--
NOV							
30...	1435	1750	--	--	0.0	--	--
JUN 1966							
29...	1125	1580	--	--	--	26.0	--
AUG							
31...	1240	784	--	--	26.5	23.5	--
NOV							
29...	1205	14800	--	--	4.5	6.0	--
MAR 1967							
01...	1410	7030	--	--	4.5	1.5	--
NOV							
01...	1450	5890	--	--	11.0	6.0	--
JAN 1968							
31...	1535	25800	--	--	4.5	3.0	--
JUL							
24...	1015	2670	--	--	27.5	24.5	--
OCT							
23...	1050	4780	--	--	20.0	11.5	--
DEC							
31...	1040	9740	--	--	0.5	1.0	--
MAR 1969							
26...	1530	25000	--	--	0.0	4.0	--
MAY							
27...	1430	3710	--	--	21.0	17.0	--
JUL							
24...	1030	4140	154	--	26.0	24.0	--
JUN 1970							
24...	1415	2740	170	7.40	28.0	23.0	--
AUG							
25...	1430	3600	170	7.40	29.0	27.0	--
DEC							
01...	1400	3100	130	7.60	10.0	7.0	--
FEB 1971							
25...	1000	19700	75	7.00	2.0	4.0	--
APR							
28...	1505	4880	150	7.80	19.0	10.0	--
JUN							
23...	--	8190	--	--	24.0	--	--
AUG							
25...	0845	3030	--	--	13.0	22.0	--
DEC							
29...	1530	5110	--	--	12.0	8.0	--
APR 1972							
27...	0945	11700	105	--	15.0	12.0	10.8
JUL							
25...	1445	3680	140	--	27.0	21.0	7.8
JAN 1973							
23...	1030	13900	--	--	2.0	3.0	--
APR							
24...	1200	6940	--	--	20.0	17.0	--
MAR 1974							
12...	1130	15900	--	--	10.0	9.0	--
MAY							
13...	1315	48800	--	--	27.0	10.5	--
JUL							
08...	1500	7760	--	--	36.0	25.0	--
DEC							
08...	1410	1680	--	--	11.0	14.0	--
FEB 1975							
11...	1430	13700	--	--	21.0	9.0	--
17...	1610	10900	190	7.30	21.0	10.0	--
APR							
10...	1650	8110	110	7.80	24.5	12.0	--
JUN							
09...	1430	5280	115	--	23.0	21.0	--
AUG							
19...	1210	1900	220	7.40	26.0	25.0	8.2

## KANAWHA RIVER BASIN

03185000 PINEY CREEK AT RALEIGH, WV

LOCATION.--Lat 37°45'40", long 81°09'50", Raleigh County, Hydrologic Unit 05050004, on left bank at Raleigh, 0.5 mi downstream from Whitestick Creek, 0.5 mi upstream from Beaver Creek, 1.5 mi southeast of Beckley, and at mile 12.0.

DRAINAGE AREA.--52.2 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--August 1951 to September 1982.  
WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
AUG 1951					FEB 1956				
29...	1315	3.9	29.5	26.0	27...	1345	193	11.5	7.5
SEP					APR				
30...	1030	3.0	24.5	15.0	05...	1155	60	18.0	13.5
OCT					MAY				
30...	0945	1.7	18.0	11.0	29...	1505	141	26.0	18.5
NOV					JUL				
29...	1330	29	9.0	5.0	30...	1120	66	21.0	21.5
JAN 1952					OCT				
05...	1200	16	2.5	6.0	03...	1320	17	21.0	18.5
28...	0800	649	10.0	8.0	NOV				
FEB					27...	1100	23	0.0	0.5
27...	0900	35	8.0	3.5	JAN 1957				
APR					10...	1525	813	5.0	5.0
04...	1200	38	14.0	10.0	FEB				
28...	1000	1250	22.0	12.0	25...	1010	142	14.5	8.0
JUN					MAY				
05...	1200	22	27.5	23.0	02...	0710	37	15.0	15.5
30...	0855	17	25.0	22.5	28...	0830	23	15.5	18.5
SEP					JUL				
05...	1255	5.0	30.0	24.5	29...	1020	6.3	28.0	24.0
10...	1520	2.9	32.5	24.5	SEP				
OCT					30...	1040	37	15.5	13.5
29...	0950	2.4	1.0	4.5	OCT				
FEB 1953					29...	0920	27	11.5	5.0
24...	1310	152	10.5	4.5	DEC				
MAR					04...	1630	45	-1.0	3.0
31...	1020	58	12.5	8.5	JAN 1958				
APR					07...	1415	32	-4.0	0.5
28...	1140	4.8	13.5	14.0	28...	1125	109	--	3.0
MAY					FEB				
31...	1800	2.8	20.0	12.0	25...	1100	59	8.0	3.5
JUN					JUN				
29...	1330	18	31.0	28.0	04...	1550	24	29.5	23.5
JUL					JUL				
29...	1600	5.4	34.0	31.0	03...	1205	6.9	24.0	26.0
JAN 1954					28...	1035	32	24.0	22.5
31...	1700	26	1.0	3.0	DEC				
MAR					03...	1525	12	4.0	--
20...	1200	91	21.5	10.5	FEB 1959				
AUG					04...	1640	55	0.0	4.0
29...	1530	52	28.0	23.5	MAR				
OCT					05...	1200	27	5.5	4.5
31...	1750	56	-1.5	9.0	JUN				
NOV					29...	1110	7.1	--	24.5
29...	1140	181	1.5	4.0	OCT				
JAN 1955					27...	1100	36	--	9.5
31...	1030	29	-4.0	0.0	NOV				
APR					23...	1105	14	7.5	5.5
28...	1335	142	18.5	13.0	DEC				
JUN					28...	1115	34	--	9.0
29...	1020	7.8	25.5	--	FEB 1960				
AUG					08...	1125	148	--	3.5
29...	1620	3.0	31.0	--	MAY				
OCT					03...	1120	22	20.0	16.5
31...	1045	1.1	11.0	9.5	JUN				
NOV					27...	1055	13	--	22.5
29...	1415	2.8	-7.0	0.0	AUG				
JAN 1956					04...	1140	15	--	26.0
06...	0910	4.4	-4.0	0.0	29...	1205	4.6	29.0	25.5

KANAWHA RIVER BASIN  
03185000 PINEY CREEK AT RALEIGH, WV--Continued  
WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1960					NOV 1966				
27...	1035	4.3	--	16.5	01...	1050	17	15.0	9.0
NOV					28...	1135	89	3.5	8.0
03...	1420	5.9	--	10.5	DEC				
28...	1110	4.0	--	6.5	27...	1030	29	-12.5	0.0
DEC					JAN 1967				
31...	1330	135	--	1.0	30...	1055	64	3.5	2.5
FEB 1961					FEB				
02...	1605	11	-9.5	0.0	27...	0950	56	1.5	0.0
MAR					MAR				
28...	1340	87	--	10.0	27...	1130	66	13.5	11.0
MAY					APR				
04...	1430	136	--	11.5	26...	1330	75	9.0	10.0
JUN					MAY				
02...	1425	20	--	24.0	29...	1000	36	20.0	18.5
AUG					JUN				
03...	1400	11	--	27.0	27...	0950	14	18.0	20.0
28...	1045	6.4	23.0	--	JUL				
NOV					24...	1000	9.5	--	21.5
27...	1055	34	--	6.5	AUG				
DEC					31...	0930	12	24.5	21.0
27...	1040	38	--	1.0	SEP				
JAN 1962					26...	0915	2.3	15.5	12.5
29...	1110	150	--	3.5	OCT				
MAY					30...	0845	18	8.5	5.5
03...	1355	47	--	16.5	NOV				
31...	1520	24	--	21.0	27...	1100	75	0.5	1.0
JUN					JAN 1968				
26...	1300	48	--	19.5	29...	1025	99	5.0	3.0
AUG					FEB				
06...	1040	20	--	23.5	26...	0955	17	-13.5	1.0
SEP					MAR				
05...	1040	8.7	23.5	23.5	25...	1010	96	1.5	2.5
OCT					APR				
29...	1010	3.9	10.5	8.0	22...	1010	26	--	3.5
NOV					JUN				
26...	0930	70	-1.0	5.5	24...	0945	19	23.5	20.5
JAN 1963					JUL				
04...	1135	63	--	0.5	22...	1025	5.6	24.0	23.0
28...	1140	37	--	0.0	AUG				
FEB					30...	1100	4.7	20.0	21.0
28...	1410	45	--	1.0	SEP				
MAY					23...	1005	3.3	18.5	17.0
30...	1220	2.8	--	16.5	OCT				
AUG					21...	1045	10	9.0	11.5
01...	0910	8.8	26.0	22.5	NOV				
26...	0900	11	17.0	19.5	25...	1040	20	2.5	5.0
OCT					DEC				
28...	1050	0.60	--	14.5	23...	1250	48	-2.5	0.5
JAN 1964					JAN 1969				
27...	1050	142	--	4.0	08...	1035	20	--	0.0
JUN					20...	1115	83	0.0	0.5
26...	1010	2.1	25.5	21.5	FEB				
JUL					24...	1020	26	1.0	4.0
29...	0935	2.2	26.5	24.0	MAR				
OCT					24...	1030	60	3.5	6.0
27...	1025	7.2	--	8.0	APR				
JUL 1965					22...	1040	106	12.5	10.5
26...	0925	2.8	--	23.5	MAY				
AUG					26...	1010	35	18.5	20.0
30...	1010	1.2	16.0	15.0	JUN				
JAN 1966					23...	1055	13	18.5	20.0
27...	1420	1.1	--	0.0	JUL				
MAY					22...	1050	127	26.5	26.0
31...	1200	9.7	--	19.5	AUG				
JUN					25...	1500	17	31.0	25.0
27...	1050	3.1	--	25.0					
AUG									
29...	1005	7.3	23.5	18.5					

## KANAWHA RIVER BASIN

03185000 PINEY CREEK AT RALEIGH, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
OCT 1969							
06...	1130	4.6	385	7.60	15.5	15.0	--
NOV							
03...	1050	12	350	8.00	10.0	10.0	--
24...	1025	11	300	7.35	10.0	5.0	--
DEC							
22...	1130	22	360	7.20	-2.0	2.0	--
FEB 1970							
24...	1010	62	290	7.30	2.0	4.0	--
MAR							
23...	1100	50	--	7.50	4.0	5.0	--
APR							
30...	1230	193	120	7.10	23.0	16.0	--
MAY							
26...	0940	28	250	7.10	19.0	19.0	--
JUN							
22...	1125	22	280	7.10	23.0	20.0	--
JUL							
30...	1030	4.8	350	6.70	28.0	26.0	--
AUG							
24...	1100	19	300	7.10	20.0	18.0	--
SEP							
21...	1020	2.0	400	7.10	21.0	18.0	--
OCT							
26...	1200	1.5	400	7.20	15.0	12.0	--
NOV							
30...	1100	4.3	340	7.20	16.0	8.0	--
DEC							
31...	1000	13	250	6.80	0.0	0.5	--
JAN 1971							
28...	1030	60	165	7.00	-5.0	0.5	--
FEB							
22...	1110	138	205	7.00	-1.0	2.0	--
MAR							
22...	1115	67	220	7.00	10.0	6.0	--
APR							
29...	1040	62	270	7.40	12.0	10.0	--
MAY							
28...	1045	35	275	7.00	11.0	16.0	--
JUN							
21...	1105	44	200	7.20	24.0	19.5	--
JUL							
28...	1425	16	--	--	23.0	24.5	--
AUG							
23...	0935	8.5	--	--	21.0	20.0	--
SEP							
28...	1050	21	--	--	23.0	18.0	--
OCT							
28...	1200	48	--	--	16.0	13.0	--
NOV							
22...	1250	13	--	--	-6.0	4.0	--
DEC							
27...	1045	34	--	--	13.0	8.0	--
FEB 1972							
22...	0955	104	--	--	-1.0	3.0	--
MAR							
30...	1030	44	210	--	3.0	6.0	11.5
APR							
25...	1435	95	250	--	--	11.0	--
MAY							
22...	1045	108	--	--	16.0	14.0	--
JUN							
29...	0840	40	200	--	19.0	19.0	--
JUL							
27...	1020	7.8	350	--	24.0	22.0	--

## KANAWHA RIVER BASIN

03185000 PINEY CREEK AT RALEIGH, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
AUG 1972							
21...	1310	142	--	--	30.0	22.0	--
SEP							
27...	1000	9.5	--	--	22.0	20.0	--
NOV							
28...	1020	104	--	--	6.0	4.0	--
DEC							
26...	1020	120	--	--	6.0	4.0	--
JAN 1973							
23...	1410	38	245	--	4.0	3.0	11.7
MAR							
28...	1000	113	--	--	--	10.0	--
APR							
23...	1035	57	--	--	18.0	15.0	--
MAY							
29...	1205	390	--	--	20.0	16.0	--
JUN							
25...	1430	18	230	7.60	30.0	24.0	--
AUG							
06...	1000	8.5	--	--	29.0	21.0	--
SEP							
05...	1050	4.4	--	--	23.0	20.0	--
OCT							
09...	1045	5.4	--	--	17.0	16.0	--
NOV							
18...	1130	29	210	6.50	10.5	5.0	--
JAN 1974							
08...	1105	105	--	--	6.0	4.0	--
FEB							
11...	1155	47	--	--	2.0	-3.0	--
MAR							
11...	1125	85	--	--	5.5	9.5	--
APR							
16...	1020	71	--	--	8.0	9.0	--
JUN							
10...	1040	47	--	--	23.0	19.0	--
JUL							
08...	1030	40	--	--	24.0	20.0	--
AUG							
12...	1010	10	--	--	20.0	19.0	--
NOV							
12...	1035	8.5	--	--	11.0	9.0	--
JAN 1975							
15...	0940	68	--	--	--	0.0	--
FEB							
11...	1110	105	--	--	6.5	2.0	--
MAR							
10...	1050	117	170	--	0.0	3.0	11.2
APR							
10...	0950	58	230	8.80	13.0	9.5	--
MAY							
13...	1105	64	210	6.20	17.0	15.0	9.8
JUN							
09...	0940	31	230	6.20	--	15.0	--
JUL							
14...	1055	20	230	6.40	21.0	20.0	--
AUG							
11...	1220	9.0	320	7.10	21.0	21.0	8.6
SEP							
15...	1130	5.7	300	--	14.0	14.0	--

## KANAWHA RIVER BASIN

03186500 WILLIAMS RIVER AT DYER, WV

LOCATION.--Lat 38°22'44", long 80°29'03", Webster County, Hydrologic Unit 05050005, on left bank at Dyer, 0.2 mi downstream from Craig Run, 7.0 mi southwest of Webster Springs, and at mile 2.3.

DRAINAGE AREA.--128 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--September 1929 to current year. Monthly discharge only for some periods, published in WSP 1305.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1945					APR 1950				
16...	1610	173	26.5	23.5	19...	0940	139	19.0	9.0
JUL					JUL				
13...	1330	50	24.0	19.5	25...	1820	264	21.0	20.0
AUG					NOV				
16...	1300	54	--	23.0	08...	1605	344	14.5	10.0
30...	1535	16	30.5	26.5	DEC				
SEP					04...	1250	3430	-3.0	4.0
19...	1545	619	20.5	14.5	13...	1610	240	-3.0	0.5
OCT					JAN 1951				
09...	1300	280	6.0	10.5	18...	1140	474	9.0	3.0
NOV					FEB				
20...	1700	1360	7.5	7.5	19...	1855	962	11.0	6.5
MAY 1946					MAR				
23...	1135	296	29.5	15.0	27...	1810	421	18.5	4.0
JUL					MAY				
31...	1610	13	28.5	25.0	02...	1740	314	19.0	11.0
AUG					JUN				
21...	1455	15	26.5	25.0	05...	1410	157	20.0	24.0
SEP					SEP				
18...	1310	1.6	23.5	19.5	19...	1750	18	20.5	23.0
OCT					OCT				
10...	1345	2.9	20.0	17.5	17...	1350	5.9	24.5	16.5
NOV					NOV				
19...	1410	124	12.0	5.0	26...	1615	1770	1.0	5.0
DEC					JAN 1952				
17...	1200	115	8.5	4.0	04...	1500	956	1.0	3.5
JUN 1947					APR				
10...	1000	362	29.5	16.5	01...	1535	197	16.0	9.5
JUL					OCT				
22...	1510	113	20.5	19.5	29...	1500	3.4	4.5	4.0
SEP					DEC				
12...	1435	56	29.5	25.0	10...	1520	489	13.0	1.5
OCT					JAN 1953				
14...	0955	13	19.0	15.5	21...	1415	396	8.0	5.0
MAY 1948					APR				
26...	1050	115	20.0	15.0	09...	1130	490	22.0	9.0
JUN					MAY				
18...	1345	170	21.5	14.5	20...	1130	1330	21.0	--
JUL					20...	1330	1220	24.0	--
20...	0715	105	24.0	20.0	AUG				
SEP					07...	1245	36	26.0	24.5
23...	0940	108	21.0	16.0	AUG 1954				
OCT					05...	1155	109	--	18.5
14...	1215	128	14.0	10.5	NOV				
NOV					16...	0925	196	8.0	9.0
17...	1250	212	15.5	9.0	DEC				
FEB 1949					15...	1325	282	1.0	0.5
17...	1300	1350	0.5	4.0	JUL 1955				
MAR					13...	0915	14	23.0	23.0
10...	1050	424	6.5	4.5	AUG				
APR					17...	1000	25	20.0	23.5
07...	1040	332	9.5	5.0	SEP				
JUL					15...	1015	696	14.5	20.5
25...	1855	226	32.0	23.5	OCT				
SEP					12...	0925	6.8	10.0	13.0
24...	1625	42	--	20.0	NOV				
JAN 1950					08...	0855	12	-4.0	0.5
11...	1440	698	12.0	5.0	DEC				
MAR					07...	0915	266	-3.5	2.5
16...	1040	626	13.0	6.0					

KANAWHA RIVER BASIN  
03186500 WILLIAMS RIVER AT DYER, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1956					OCT 1962				
10...	1210	108	-2.0	0.0	23...	0950	39	11.5	10.0
MAY					NOV				
08...	1030	366	15.5	12.0	14...	1000	431	--	5.5
JUL					JAN 1963				
10...	1135	82	21.5	19.5	15...	0950	517	0.0	0.0
OCT					MAY				
11...	1135	124	14.0	11.0	21...	1210	264	--	13.0
FEB 1957					JUL				
13...	1400	558	1.0	4.5	23...	0915	352	--	15.5
OCT					AUG				
15...	1030	31	14.5	8.5	27...	1535	57	--	22.0
DEC					NOV				
17...	1035	292	3.5	3.0	19...	1025	92	--	8.0
MAR 1958					DEC				
12...	1110	286	-1.5	1.0	17...	1000	151	--	0.0
MAY					OCT 1964				
13...	1055	344	15.5	11.0	20...	1225	41	--	10.0
JUN					JUL 1965				
11...	1020	56	25.5	20.5	20...	1300	27	--	24.5
SEP					AUG				
18...	1510	24	--	18.0	24...	1240	27	--	21.5
OCT					SEP				
21...	1125	16	--	13.0	21...	1200	273	29.0	19.0
NOV					NOV				
25...	1035	61	16.5	6.5	16...	1400	69	13.5	8.5
MAR 1959					DEC				
26...	1010	406	11.0	6.0	14...	1155	161	--	5.0
JUN					MAR 1966				
10...	1220	89	--	21.0	08...	0935	366	--	0.5
AUG					APR				
18...	1740	95	24.0	--	26...	1315	489	--	10.0
SEP					JUN				
23...	0910	1.8	25.0	18.0	28...	1305	6.2	--	27.5
OCT					JUL				
28...	1425	502	--	9.0	26...	1305	16	--	28.0
FEB 1960					AUG				
24...	1040	115	1.5	0.0	23...	1330	77	--	23.5
APR					NOV				
20...	1040	199	--	9.5	10...	1030	184	20.5	10.5
MAY					DEC				
26...	1010	101	--	16.0	13...	1340	492	0.5	1.0
AUG					JAN 1967				
09...	1010	169	--	19.5	31...	1250	325	--	3.0
SEP					JUN				
18...	1010	348	--	14.5	20...	1345	42	--	25.5
OCT					AUG				
19...	1130	21	--	16.5	01...	1420	123	--	24.5
NOV					SEP				
16...	1445	206	--	8.0	12...	1230	11	15.0	20.0
DEC					OCT				
21...	1300	103	--	0.0	20...	1500	346	--	9.0
MAR 1961					JUN 1968				
08...	1050	606	--	8.0	05...	1330	231	23.5	16.0
JUN					JUL				
13...	1040	420	--	16.5	17...	1515	13	--	28.5
JUL					AUG				
19...	1210	52	--	22.0	28...	1050	20	22.0	18.5
AUG					OCT				
13...	0935	29	--	23.0	18...	1145	20	--	16.5
SEP					DEC				
26...	1055	51	--	16.0	10...	1130	151	--	0.0
DEC					JAN 1969				
13...	1005	1310	-3.0	2.5	08...	1145	104	-5.0	0.0
JAN 1962					APR				
25...	1000	594	4.0	1.5	07...	1455	791	--	8.0
MAR									
15...	1315	331	--	3.5					

**KANAWHA RIVER BASIN**  
**03186500 WILLIAMS RIVER AT DYER, WV--Continued**

**WATER QUALITY DATA**

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
MAY 1969							
19...	1340	168	--	--	--	16.0	--
JUN 25...	0845	41	--	--	24.0	18.0	--
AUG 06...	1130	79	--	--	25.0	18.0	--
SEP 24...	1135	68	<40	8.30	--	16.5	--
DEC 08...	1315	211	<40	7.35	4.0	2.0	--
APR 1970							
09...	0910	630	<40	6.90	17.0	6.0	--
MAY 12...	1100	79	<40	7.50	21.0	17.0	--
JUN 15...	1000	122	<40	6.30	16.0	16.0	--
JUL 28...	1100	56	<40	7.50	21.0	21.0	--
OCT 27...	0920	82	<40	7.30	13.0	11.0	--
JAN 1971							
13...	0945	186	<40	7.60	5.0	2.5	--
FEB 18...	1300	469	--	6.90	13.5	3.0	--
APR 01...	0920	495	--	6.80	14.0	4.0	--
JUN 25...	1205	46	--	7.00	24.0	21.5	--
NOV 29...	1300	166	--	--	10.0	4.0	--
FEB 1972							
01...	1030	286	--	--	-2.5	0.0	--
MAR 16...	1235	468	--	--	15.0	6.0	--
MAY 01...	1440	191	--	--	23.0	15.0	--
JUL 11...	1600	182	--	--	28.0	18.5	--
SEP 18...	1630	17	--	--	26.0	22.0	--
NOV 28...	1630	446	--	--	2.0	4.0	--
MAR 1973							
12...	1525	321	<50	6.20	11.5	9.5	8.8
APR 16...	1400	782	--	--	20.5	8.5	--
MAY 16...	1100	211	<50	7.10	13.5	9.0	--
JUN 11...	1250	110	--	--	27.0	21.0	--
JUL 18...	1110	55	--	--	23.0	20.0	--
AUG 28...	1445	54	--	--	26.0	22.0	--
OCT 05...	0930	237	<50	--	17.0	15.5	--
DEC 04...	1400	249	--	--	16.0	6.0	--
JAN 1974							
16...	1830	365	--	--	8.0	5.0	--
AUG 07...	1130	30	--	--	--	23.0	--
OCT 17...	1350	560	--	--	--	11.0	--



# KANAWHA RIVER BASIN

03186500 WILLIAMS RIVER AT DYER, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1975						
05...	1520	474	--	--	-6.0	1.0
23...	0900	314	--	--	-1.0	0.5
FEB						
19...	1135	1220	--	--	2.0	0.5
MAR						
25...	1315	1350	<50	--	9.0	6.0
APR						
21...	1320	390	<50	--	9.0	8.0
MAY						
19...	1535	534	--	--	25.0	15.5
JUL						
07...	1535	62	<50	7.10	22.0	25.0
AUG						
20...	0920	49	100	7.60	19.0	19.5

## 03187000 GAULEY RIVER AT CAMDEN ON GAULEY, WV

LOCATION.--38°21'57", long 80°36'04", Webster County, on right bank at Baltimore & Ohio Railroad station at Camden on Gauley, 0.2 mi downstream from Coon Creek, 0.9 mi upstream from Strouds Creek, and at mile 69.6.

DRAINAGE AREA.--236 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--July 1908 to September 1916, October 1929 to September 1975. Prior to October 1934, published as "at Allingdale". Monthly discharge only for some periods, published in WSP 1305. Gage-height records collected in this vicinity since 1901 are contained in reports of National Weather Service.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1945					JUN 1950				
15...	1725	243	25.0	24.0	22...	1120	807	26.5	17.0
JUL					OCT				
13...	1740	102	28.0	25.0	04...	1805	121	--	15.0
AUG					DEC				
16...	1720	81	--	25.5	14...	1240	380	0.5	0.5
SEP					JAN 1951				
20...	1855	1110	15.5	15.0	17...	1800	1030	8.0	1.0
OCT					MAR				
09...	1555	311	6.0	11.5	28...	1435	722	20.5	4.5
NOV					MAY				
21...	1040	1520	11.5	9.0	03...	1145	516	18.5	15.5
APR 1946					SEP				
17...	1550	268	22.0	11.0	19...	1625	36	--	20.0
MAY					OCT				
23...	0910	603	22.0	14.5	17...	1130	14	--	16.0
JUN					NOV				
19...	1050	48	29.5	26.5	26...	1325	3350	10.5	6.0
AUG					JAN 1952				
21...	1255	34	30.0	23.5	04...	1240	1940	1.0	4.5
SEP					FEB				
18...	0945	4.2	13.0	17.0	12...	1535	371	13.0	3.0
DEC					APR				
17...	1405	204	3.5	3.5	01...	1410	325	18.0	10.0
JUN 1947					JUL				
09...	1840	1140	29.0	22.0	08...	1430	28	31.5	28.5
JUL					OCT				
23...	1410	219	21.0	18.5	29...	1210	6.4	1.5	4.5
AUG					JAN 1953				
20...	1830	3010	30.0	24.5	21...	1720	741	4.5	--
SEP					APR				
12...	1220	118	29.0	24.0	09...	1400	942	23.5	--
OCT					AUG				
16...	1010	18	24.0	17.5	07...	1045	6.0	26.5	25.5
MAY 1948					JUL 1954				
25...	1100	231	22.0	18.0	08...	1055	180	--	20.0
JUN					AUG				
18...	1650	317	22.0	18.5	05...	1035	154	--	19.5
SEP					MAY 1955				
23...	1255	240	24.0	16.5	11...	1105	129	19.0	18.0
OCT					JUL				
14...	1545	195	14.0	11.0	13...	1240	32	28.0	26.5
NOV					AUG				
17...	1630	323	10.0	8.0	17...	1310	57	24.0	25.0
FEB 1949					SEP				
17...	1015	2960	0.0	5.0	14...	1710	18	23.5	22.0
MAR					OCT				
09...	1300	888	10.0	4.0	12...	1155	17	19.5	17.0
APR					NOV				
06...	1530	511	6.5	6.0	08...	1125	24	3.5	0.5
SEP					JAN 1956				
14...	1345	62	19.0	20.0	10...	1025	122	0.0	0.0
NOV					JUN				
08...	1000	583	13.5	7.0	05...	1110	980	26.0	23.0
JAN 1950					OCT				
12...	1330	1090	11.0	4.5	09...	1730	350	14.0	13.0
MAR					DEC				
15...	1645	1400	14.5	5.5	13...	0920	1850	9.5	--
APR					MAY 1957				
18...	1750	290	15.5	9.5	08...	1605	131	25.0	14.5

## KANAWHA RIVER BASIN

03187000 GAULEY RIVER AT CAMDEN ON GAULEY, WV--Continued  
WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1957				
13...	1100	232	30.0	21.0
JUL				
11...	0930	295	20.0	20.0
MAR 1958				
12...	0950	538	0.0	--
SEP				
17...	1705	26	--	23.0
MAR 1959				
25...	1530	502	25.0	9.0
JUN				
10...	0955	178	--	20.5
SEP				
23...	1050	4.0	--	23.0
JAN 1960				
10...	1300	337	--	4.5
FEB				
24...	1340	325	--	0.5
APR				
20...	1340	319	--	13.0
MAY				
26...	1245	231	--	19.0
JUL				
06...	1230	216	--	20.5
AUG				
09...	1315	377	--	21.0
NOV				
16...	1240	342	--	8.5
JUL 1961				
19...	1020	112	26.5	24.0
AUG				
31...	1220	53	--	26.0
DEC				
12...	1555	3560	18.0	3.5
JAN 1962				
24...	1500	1500	3.5	1.0
JUN				
05...	1045	103	22.5	23.5
JAN 1963				
15...	1735	848	--	0.0
APR				
17...	1220	183	--	11.0
JUN				
18...	0840	110	19.5	19.5
AUG				
27...	1140	103	22.0	21.0
SEP				
24...	1040	16	--	15.5
OCT 1964				
20...	0950	71	--	9.5
NOV				
24...	1500	162	--	1.5
JUL 1965				
21...	0930	60	--	22.0
AUG				
26...	0850	40	--	21.5
SEP				
21...	0835	137	--	20.5
NOV				
17...	1145	114	--	6.0
DEC				
15...	0845	233	--	4.5
MAR 1966				
08...	1210	614	--	1.0

## KANAWHA RIVER BASIN

03187000 GAULEY RIVER AT CAMDEN ON GAULEY, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
APR 1966					
06...	0835	585	--	0.0	3.0
JUN					
01...	1115	115	--	9.5	15.5
28...	1525	13	--	--	26.5
JUL					
26...	1515	30	--	--	29.0
AUG					
24...	1230	143	--	--	22.0
NOV					
08...	1556	381	--	18.5	6.0
DEC					
14...	1550	779	--	0.0	1.5
JAN 1967					
31...	1500	515	--	--	3.0
JUN					
20...	1545	79	--	--	26.0
AUG					
01...	1700	141	--	--	24.0
SEP					
13...	0855	12	--	8.0	14.5
OCT					
21...	0845	522	--	--	8.0
APR 1968					
17...	0815	310	--	6.0	9.0
JUN					
05...	1530	400	--	26.5	18.5
JUL					
19...	1315	19	--	--	25.5
AUG					
28...	1230	43	--	--	20.0
OCT					
17...	1400	37	--	--	18.0
FEB 1969					
24...	1525	197	--	3.0	2.5
MAY					
19...	1215	261	--	--	17.0
JUN					
25...	1010	74	--	--	22.0
AUG					
06...	1245	130	--	27.0	22.0
SEP					
24...	1300	107	--	--	17.0
NOV					
05...	0935	256	--	1.0	5.5
DEC					
08...	1450	409	--	3.0	1.0
FEB 1970					
16...	1230	3400	7.20	1.0	3.0
APR					
09...	1110	1050	7.30	20.0	7.5
JUN					
15...	1200	238	6.50	17.0	17.5
JUL					
28...	1000	100	7.40	22.0	23.0
OCT					
27...	0815	115	7.30	7.0	11.5
DEC					
01...	0910	1180	7.30	13.0	7.5
JAN 1971					
13...	1115	322	7.60	7.0	3.0
FEB					
18...	1545	866	--	14.0	4.0
MAR					
30...	1000	1180	--	5.0	4.0

## KANAWHA RIVER BASIN

03187000 GAULEY RIVER AT CAMDEN ON GAULEY, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAY 1971				
13...	1030	1790	10.0	13.0
JUN				
30...	1030	292	24.0	21.5
NOV				
29...	1440	432	10.0	4.0
JAN 1972				
06...	1040	2170	19.0	3.0
FEB				
03...	0940	390	3.0	2.0
MAR				
16...	1410	683	14.5	6.0
JUN				
07...	0840	92	19.0	18.0
JUL				
12...	0840	277	18.0	18.0
SEP				
19...	0855	34	16.5	19.5
NOV				
28...	1505	721	3.0	4.0
FEB 1973				
06...	0910	786	6.0	--
MAR				
14...	0955	340	15.5	9.0
APR				
16...	1630	1310	19.5	9.0
AUG				
28...	1400	109	26.0	24.0
OCT				
10...	1800	543	19.0	17.5
DEC				
04...	1130	449	14.5	4.5
FEB 1974				
20...	1800	569	13.0	5.0
AUG				
07...	1445	45	--	25.0
JAN 1975				
23...	1220	578	2.5	1.0
FEB				
19...	1350	1740	-3.0	--
MAR				
28...	0925	815	7.5	3.0
APR				
21...	1210	721	8.0	7.5
JUL				
09...	1100	218	25.0	21.0
SEP				

# KANAWHA RIVER BASIN

03187300 NORTH FORK CRANBERRY RIVER NEAR HILLSBORO, WV

LOCATION.--Lat 38°15'29", long 80°19'27" (revised), Pocahontas County, Hydrologic Unit 05050005, Monongahela National Forest, on right bank at U.S. Forest Service bridge, 100 ft upstream from mouth, and 10.5 mi northwest of Hillsboro.

DRAINAGE AREA.--9.78 mi<sup>2</sup>, revised.

PERIOD OF STREAMFLOW RECORD.--October 1968 to September 1982.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPF- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1968						
17...	1100	12	--	--	28.5	18.5
DEC						
06...	1415	24	--	--	25.0	--
JAN 1969						
14...	1315	11	--	--	-2.0	0.0
APR						
10...	0900	41	--	--	--	5.0
MAY						
22...	1050	14	--	--	--	12.0
AUG						
05...	0850	26	--	--	17.0	11.0
21...	1225	67	<40	--	25.5	14.0
SEP						
09...	1010	45	<40	--	14.0	13.0
DEC						
10...	0930	12	<40	7.40	2.0	2.0
JAN 1970						
13...	1150	8.7	<40	7.70	--	0.0
APR						
06...	1225	41	<40	7.30	7.5	4.0
MAY						
11...	1150	8.4	<40	6.20	--	13.0
JUN						
16...	0840	26	<40	5.80	14.0	11.0
OCT						
26...	1025	14	<40	7.40	20.0	10.5
FEB 1971						
16...	1505	36	--	--	6.0	1.5
MAR						
16...	1255	70	--	--	13.0	5.0
29...	1255	41	--	--	6.0	3.5
MAY						
10...	1240	45	--	--	19.5	6.5
JUN						
29...	0930	9.1	--	--	18.0	14.0
AUG						
02...	1500	13	--	--	22.0	--
SEP						
14...	1410	164	--	--	19.0	12.5

## KANAWHA RIVER BASIN

## 03187500 CRANBERRY RIVER NEAR RICHWOOD, WV

LOCATION.--Lat 38°17'43", long 80°31'36", Nicholas County, Hydrologic Unit 05050005, Monongahela National Forest, on left bank 30 ft downstream from U.S. Forest Service highway bridge, 0.6 mi upstream from Barrenshe Run, 5.0 north of Richwood, and at mile 5.6.

DRAINAGE AREA.--80.4 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1944 to December 1951, June 1964 to September 1982, March 1984 to current year.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1945					OCT 1950				
18...	1535	926	16.5	14.0	04...	0910	50	11.0	14.5
OCT					NOV				
09...	1100	146	5.0	10.5	08...	1035	258	14.5	9.0
NOV					DEC				
20...	1130	998	9.0	7.5	13...	1025	155	-6.0	0.0
MAY 1946					JAN 1951				
22...	1720	258	23.0	23.0	17...	1120	354	5.0	0.5
JUN					MAR				
19...	1745	20	21.0	21.0	28...	1130	278	10.5	4.0
AUG					MAY				
01...	1115	8.0	33.5	--	02...	1015	155	20.0	15.0
22...	1025	7.0	23.0	19.0	JUN				
SEP					06...	0745	151	23.0	15.0
18...	1530	1.2	28.5	20.0	AUG				
OCT					14...	1010	20	28.0	23.0
10...	1550	1.2	21.0	16.5	SEP				
NOV					19...	1055	28	--	19.5
19...	1545	78	14.5	4.5	OCT				
DEC					17...	1615	7.2	19.5	17.5
07...	1505	24	15.5	2.5	NOV				
JUN 1947					27...	1030	595	--	3.5
10...	1515	245	26.5	18.5	JAN 1952				
JUL					03...	1135	1520	0.5	5.0
24...	1445	36	29.0	24.0	SEP				
AUG					14...	1140	2.1	20.0	19.5
21...	1200	91	30.0	19.0	OCT 1963				
SEP					22...	1530	2.6	23.5	--
13...	1330	22	28.5	25.0	OCT 1964				
MAY 1948					20...	1440	27	--	8.5
26...	1325	46	22.5	17.5	NOV				
JUN					24...	1020	66	--	0.5
18...	1140	92	20.0	16.0	JUN 1965				
SEP					21...	1515	9.0	--	23.0
22...	1230	38	20.0	19.0	JUL				
OCT					19...	1215	77	--	21.0
13...	1550	72	13.0	11.5	AUG				
NOV					24...	1420	29	--	21.0
18...	1045	149	-1.0	4.5	NOV				
JAN 1949					16...	1545	54	--	8.0
19...	1515	152	4.5	6.5	DEC				
MAR					14...	1340	86	--	5.0
08...	1425	422	10.0	4.0	MAR 1966				
APR					08...	1420	288	--	1.0
07...	1425	195	14.0	6.0	25...	1230	378	--	11.5
JUN					JUN				
22...	1730	79	21.0	23.5	29...	0715	2.3	--	20.5
JUL					JUL				
26...	1050	106	29.5	21.0	27...	1200	7.6	--	24.5
NOV					AUG				
08...	1435	184	20.5	7.5	23...	1055	59	--	21.5
DEC					NOV				
14...	1400	897	4.5	1.5	09...	1200	127	16.0	8.0
JAN 1950					DEC				
12...	0800	353	5.5	3.5	13...	1025	364	0.5	2.5
APR					JUN 1967				
18...	1050	88	14.5	8.0	21...	1220	20	--	23.5
JUN					AUG				
21...	1055	268	20.0	16.0	02...	1610	110	--	20.0
JUL									
25...	1035	209	22.5	17.5					

**KANAWHA RIVER BASIN**  
**03187500 CRANBERRY RIVER NEAR RICHWOOD, WV--Continued**

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1967						
12...	1405	9.6	--	--	--	18.0
MAR 1968						
11...	1130	726	--	--	--	0.5
APR						
16...	1045	138	--	--	--	7.0
JUN						
04...	1530	206	--	--	--	15.0
JUL						
17...	1755	9.8	--	--	--	25.5
AUG						
27...	1210	27	--	--	--	18.0
OCT						
16...	1510	16	--	--	--	15.5
JAN 1969						
14...	1510	60	--	--	0.0	0.0
FEB						
24...	1310	72	--	--	3.0	2.0
APR						
09...	1350	293	--	--	--	9.0
MAY						
28...	0735	38	--	--	8.0	13.0
JUN						
23...	1115	34	--	--	--	18.0
AUG						
05...	1050	94	<40	--	22.0	18.0
SEP						
25...	1040	36	<40	7.20	14.0	14.0
DEC						
10...	1145	155	<40	7.60	4.0	3.0
APR 1970						
07...	0910	363	<40	7.30	2.0	2.5
MAY						
11...	1355	60	<40	6.30	25.0	17.0
JUN						
15...	1410	107	<40	7.10	17.5	16.5
JUL						
27...	1505	80	<40	6.80	26.0	21.0
OCT						
26...	1450	68	<40	7.50	15.5	12.0
NOV						
30...	1215	462	<40	7.70	19.0	7.5
FEB 1971						
19...	0930	284	--	7.00	3.0	2.5
JUN						
28...	1450	22	--	7.00	31.0	24.5
SEP						



## KANAWHA RIVER BASIN

03189000 CHERRY RIVER AT FENWICK, WV

LOCATION.--Lat 38°13'45", long 80°35'00", Nicholas County, Hydrologic Unit 05050005, on left bank at downstream side of highway bridge at Fenwick, 1,000 ft downstream from Laurel Creek, and at mile 6.4.

DRAINAGE AREA.--150 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--September 1929 to September 1969, October 1979 to September 1982. Monthly discharge only for some periods, published in WSP 1305.

## WATER QUALITY DATA

DATE	TIME	STREAM-FLOW, INSTANTANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM-FLOW, INSTANTANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1945					MAY 1950				
15...	1415	174	28.5	20.0	17...	1035	848	24.5	12.5
JUL					JUN				
14...	1100	20	26.5	23.0	21...	1130	841	25.0	20.0
SEP					JUL				
18...	1820	1420	15.0	14.5	25...	1530	328	19.5	26.5
NOV					AUG				
20...	1425	1450	9.0	11.5	22...	1700	33	28.0	18.0
APR 1946					OCT				
18...	1050	203	10.0	18.5	03...	1750	65	15.5	16.5
MAY					NOV				
23...	1500	398	30.5	18.0	08...	1335	530	17.0	10.0
JUN					DEC				
20...	1110	130	28.0	22.5	13...	1330	379	-1.0	0.5
JUL					JAN 1951				
30...	1250	17	31.0	24.0	17...	1510	824	11.0	1.5
AUG					MAR				
21...	1755	10	20.0	23.5	27...	1550	662	22.5	4.5
SEP					MAY				
18...	1745	0.92	23.0	19.5	02...	1430	276	20.0	16.5
OCT					JUN				
10...	1820	2.1	18.5	15.5	06...	1300	285	28.0	17.5
JUN 1947					AUG				
10...	1750	352	29.5	21.0	14...	1435	19	25.5	27.5
JUL					SEP				
24...	1825	37	29.5	21.5	19...	1330	30	26.0	19.5
AUG					OCT				
28...	1420	71	29.0	21.0	18...	1210	10	24.0	16.0
SEP					NOV				
13...	1600	26	28.0	26.0	27...	1430	990	-1.0	4.0
OCT					JAN 1952				
14...	1823	19	18.5	22.5	03...	1630	2110	1.0	5.0
MAY 1948					FEB				
26...	1710	103	21.0	17.5	12...	1150	304	7.5	1.5
JUN					APR				
18...	0900	62	18.0	16.5	01...	1105	254	20.0	9.0
JUL					JUL				
22...	1530	1550	21.0	18.5	08...	1155	16	30.0	26.0
SEP					DEC				
22...	1700	121	22.5	19.0	10...	1000	318	10.0	--
OCT					JAN 1953				
13...	1215	94	13.0	10.0	21...	1040	552	6.5	--
NOV					APR				
18...	1430	230	18.5	8.0	08...	1700	854	16.5	--
APR 1949					MAY				
08...	1010	1070	9.5	6.0	20...	1800	940	20.0	--
JUN					JUN				
22...	1400	67	26.5	24.5	24...	1245	315	30.0	--
JUL					AUG				
25...	1145	110	29.5	23.5	06...	1550	29	24.5	23.0
SEP					JUL 1954				
14...	1000	28	17.5	18.5	07...	1455	23	--	24.0
NOV					AUG				
08...	1635	395	20.5	9.0	04...	1740	207	--	19.0
JAN 1950					SEP				
12...	1650	766	6.5	4.5	09...	1005	28	--	19.0
MAR					NOV				
17...	1030	602	5.0	3.0	15...	1735	358	6.0	5.0
APR					DEC				
18...	1430	165	14.5	9.0	15...	1000	575	0.0	--

KANAWHA RIVER BASIN  
03189000 CHERRY RIVER AT FENWICK, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAY 1955					JAN 1962				
10...	1440	83	25.5	17.5	23...	1520	1960	1.0	0.5
AUG					JAN 1963				
16...	1630	38	25.5	26.0	15...	1525	778	-5.0	0.5
SEP					APR				
14...	0920	2.2	19.0	18.0	16...	1630	127	--	10.0
OCT					MAY				
12...	1415	7.3	24.0	17.5	22...	1640	317	--	13.5
NOV					JUN				
08...	1345	13	2.5	1.0	18...	0730	63	14.5	15.5
DEC					JUL				
07...	1540	244	1.0	2.5	24...	1425	337	--	20.0
JAN 1956					AUG				
10...	1605	97	0.0	0.0	27...	0815	50	18.0	16.5
MAY					NOV				
08...	1500	278	19.5	14.5	19...	1500	110	--	8.5
JUL					OCT 1964				
10...	1605	202	21.5	18.5	21...	0900	57	--	5.0
SEP					NOV				
06...	1010	37	25.0	20.5	24...	1700	108	--	1.0
OCT					JUL 1965				
11...	0940	149	10.0	12.5	19...	0950	41	--	22.5
DEC					AUG				
12...	1500	1450	14.0	--	23...	1510	75	--	21.0
MAY 1957					SEP				
08...	1300	93	26.0	30.0	20...	1450	144	31.0	21.0
JUN					NOV				
13...	0830	116	24.0	19.0	17...	0930	84	0.5	6.5
OCT					DEC				
15...	1430	50	21.0	11.5	15...	1445	110	--	5.0
JUN 1958					JUN 1966				
11...	1845	51	20.5	23.5	27...	1455	5.5	--	28.0
JUN 1959					JUL				
10...	1610	104	--	23.0	27...	1000	6.6	--	23.5
AUG					AUG				
19...	1305	31	31.5	25.5	25...	0750	37	--	17.5
SEP					NOV				
23...	1520	3.4	25.5	23.5	09...	1010	298	15.5	8.5
JAN 1960					DEC				
12...	1515	232	--	5.5	13...	0935	788	0.0	1.5
FEB					JUN 1967				
24...	1550	243	--	1.0	22...	0900	32	--	23.5
MAY					AUG				
25...	1515	117	--	18.5	02...	1330	280	--	19.0
JUL					SEP				
06...	1545	118	--	21.5	11...	1345	19	--	20.5
AUG					APR 1968				
09...	1505	139	--	23.5	16...	1555	244	--	12.5
SEP					JUN				
13...	1530	180	--	16.0	06...	0910	206	22.5	13.5
NOV					JUL				
16...	1000	201	--	8.0	18...	1010	14	--	23.5
DEC					AUG				
20...	1535	85	--	0.0	29...	1050	32	--	16.0
JUN 1961					OCT				
13...	1630	210	--	21.0	17...	1210	33	--	18.0
JUL					JAN 1969				
19...	1430	77	--	22.5	08...	1340	188	-2.0	0.0
AUG					MAY				
30...	1520	17	--	28.5	27...	1115	95	--	14.0
SEP					AUG				
26...	1500	70	--	18.0	05...	1230	51	23.0	21.0
DEC					SEP				
11...	1505	926	10.0	3.0	23...	1340	67	22.0	16.0

# KANAWHA RIVER BASIN

03189100 GAULEY RIVER NEAR CRAIGSVILLE, WV

LOCATION.--Lat 38°17'27", long 80°38'57", Nicholas County, Hydrologic Unit 05050005, on right bank at downstream side of highway bridge on State Highway 20, 200 ft downstream from Cherry River, 1.8 mi downstream from Cranberry River, 2.7 mi south of Craigsville, and at mile 61.5.

DRAINAGE AREA.--529 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1964 to September 1982, October 1982 to September 1983 (gage heights, discharge measurements, and annual maximum discharge only).  
WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1965						
20...	0810	211	--	--	--	24.5
AUG						
23...	1345	402	--	--	--	23.0
SEP						
20...	1340	602	--	--	--	20.5
NOV						
15...	1440	318	--	--	15.0	8.0
DEC						
15...	1145	472	--	--	--	5.0
JUL 1966						
28...	0840	52	--	--	--	23.5
AUG						
23...	0915	275	--	--	--	22.5
NOV						
08...	1020	950	--	--	10.0	6.0
DEC						
12...	1450	3290	--	--	4.0	5.0
JAN 1967						
30...	1215	1670	--	--	24.0	--
JUN						
21...	0855	166	--	--	--	22.5
AUG						
03...	0830	473	--	--	--	20.0
SEP						
13...	0955	38	--	--	--	14.5
APR 1968						
16...	1435	872	--	--	19.5	12.5
JUN						
04...	1420	1420	--	--	21.0	15.5
JUL						
18...	1250	67	--	--	32.5	26.0
AUG						
29...	1220	95	--	--	--	19.5
OCT						
17...	1110	88	--	--	--	17.0
JAN 1969						
15...	1310	416	--	--	5.0	0.0
FEB						
24...	1120	484	--	--	4.0	2.0
APR						
07...	1135	3650	--	--	21.0	7.0
MAY						
27...	1300	297	--	--	--	18.0
AUG						
06...	1500	249	--	--	29.0	25.0
SEP						
24...	1600	236	44	8.40	--	17.5
DEC						
11...	0845	8170	<40	7.40	3.0	4.0
31...	1300	25300	<40	6.90	--	--

## KANAWHA RIVER BASIN

03189100 GAULEY RIVER NEAR CRAIGSVILLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1970						
02...	1220	3720	40	6.70	-1.0	2.0
14...	1500	638	<40	7.40	0.0	0.0
FEB						
16...	1525	7180	<40	7.40	3.0	3.0
APR						
06...	1700	1980	<40	7.20	8.5	6.0
MAY						
12...	0855	467	40	7.30	18.5	18.0
JUL						
28...	0820	281	43	7.20	19.0	22.0
OCT						
26...	1640	346	52	7.40	14.0	14.0
NOV						
30...	1600	4340	<40	7.30	14.0	8.0
JAN 1971						
13...	1455	803	<40	7.70	6.0	3.0
FEB						
19...	1140	2110	--	6.40	15.0	3.0
MAY						
12...	1340	1670	--	6.50	23.0	13.0
JUN						
25...	1020	302	44	7.00	26.0	22.0
SEP						
15...	1505	4280	--	--	28.0	15.5
NOV						
01...	1500	708	--	--	20.0	16.5
JAN 1972						
31...	1605	1790	--	--	-1.0	1.5
MAY						
04...	1245	5630	--	--	18.0	10.5
JUL						
12...	1115	626	<50	7.90	23.0	19.5
AUG						
14...	1605	1070	--	--	28.0	20.0
SEP						
19...	1040	75	--	--	21.5	20.5
NOV						
28...	1250	1590	--	--	2.0	4.0
MAR 1973						
14...	1230	824	<50	6.70	25.5	11.5
JUN						
11...	1550	520	--	--	28.0	23.5
AUG						
28...	1220	310	--	--	27.0	22.0
OCT						
04...	1200	1240	<50	--	23.0	17.0
JAN 1974						
17...	1120	1330	--	--	14.0	10.0
AUG						
07...	1735	132	--	--	--	26.0
DEC						
16...	1230	1660	--	--	--	2.0
JAN 1975						
23...	1420	1530	--	--	--	2.0
MAR						
27...	1405	2470	<50	--	4.5	2.0
MAY						
19...	1220	2400	--	--	27.0	14.0
JUL						
09...	0930	726	<50	7.20	22.0	21.0
AUG						
20...	1120	299	100	7.30	23.0	22.0

## KANAWHA RIVER BASIN

03189600 GAULEY RIVER BELOW SUMMERSVILLE DAM, WV

LOCATION.--Lat 38°12'54", long 80°53'18", Nicholas County, Hydrologic Unit 05050005, on right bank 0.4 mi downstream from Summersville Dam, 5.0 mi southwest of Summersville, and at mile 35.3.

DRAINAGE AREA.--806 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--March 1966 to September 1982, October 1982 to current year (gage heights, discharge measurements, and annual maximum discharge only).

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAR 1966						
26...	1445	11900	--	--	--	4.5
27...	1700	10800	--	--	--	4.5
JUN						
29...	1110	15	--	--	--	13.0
AUG						
22...	1235	25	--	--	--	15.0
NOV						
07...	1300	1680	--	--	20.0	10.0
DEC						
12...	1230	7740	--	--	5.5	8.5
FEB 1967						
01...	1210	2030	--	--	--	2.5
SEP						
11...	1235	483	--	--	--	14.5
14...	0925	328	--	--	--	14.0
OCT						
03...	1225	1250	--	--	24.0	15.5
06...	1215	1920	--	--	21.0	16.5
MAR 1968						
18...	1005	3400	--	--	--	3.0
APR						
15...	1045	911	--	--	9.0	5.5
MAY						
09...	1100	184	--	--	--	8.5
09...	1340	492	--	--	--	8.5
10...	1225	42	--	--	--	8.5
JUL						
11...	1130	359	--	--	25.5	20.5
OCT						
04...	1135	1240	--	--	9.5	17.5
NOV						
19...	1220	2080	--	--	--	9.5
20...	1220	4550	--	--	--	9.0
DEC						
19...	1130	2240	--	--	1.0	0.5
APR 1969						
16...	1100	242	--	--	20.0	12.0
JUL						
30...	1100	432	54	--	21.0	24.0
DEC						
10...	1120	1490	70	7.20	8.0	3.0
APR 1970						
22...	1010	52	52	7.10	19.0	14.0
MAY						
20...	1130	1150	57	7.00	17.0	16.0
JUN						
18...	1145	967	54	7.10	27.0	23.0
JUL						
22...	1130	815	54	7.20	21.0	20.0
AUG						
20...	1045	105	68	7.60	23.0	21.0
SEP						
30...	1145	1330	70	7.40	16.0	18.0
NOV						
17...	1150	3130	50	7.30	2.0	8.0

## KANAWHA RIVER BASIN

03189600 GAULEY RIVER BELOW SUMMERSVILLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
DEC 1970						
17...	1210	1740	47	7.60	2.0	4.0
JAN 1971						
21...	1130	734	50	7.50	2.0	1.0
MAR						
05...	1400	1810	46	7.00	8.0	1.0
APR						
05...	1200	65	52	7.20	18.0	7.0
13...	1505	18	70	6.70	28.0	10.5
15...	0925	19	80	6.80	11.0	6.0
MAY						
19...	1300	1080	60	7.40	21.0	16.5
JUN						
17...	1150	610	--	7.30	28.0	20.0
AUG						
06...	1220	2200	--	--	20.0	21.0
NOV						
05...	1230	3290	70	--	16.0	15.0
DEC						
20...	1445	1380	--	--	12.0	7.5
FEB 1972						
25...	1115	14500	--	--	18.0	3.0
MAR						
29...	1240	138	--	--	10.0	5.0
MAY						
24...	1230	1130	--	--	28.0	14.0
OCT						
04...	0845	1460	--	--	--	18.0
NOV						
21...	1050	5070	--	--	3.0	5.5
JAN 1973						
24...	1210	329	--	--	1.0	2.0
APR						
26...	1040	4370	<50	6.40	11.5	7.5
JUN						
26...	1240	431	50	--	24.0	15.0
NOV						
01...	1500	125	--	--	10.0	10.0
FEB 1974						
15...	1025	5500	--	--	4.0	4.0
MAR						
26...	1030	1790	--	--	7.0	7.0
APR						
16...	1025	153	--	--	10.0	7.0
DEC						
19...	1250	10200	--	--	-1.0	5.0
FEB 1975						
21...	0930	2240	55	6.30	2.0	3.5
APR						
21...	1350	128	55	--	12.0	8.0
JUN						
30...	1330	218	50	5.90	23.0	18.0
SEP						
29...	1150	1470	50	--	18.0	17.0

## KANAWHA RIVER BASIN

03189650 COLLISON CREEK NEAR NALLEN, WV

LOCATION.--Lat 38°10'35", long 80°52'07", Nicholas County, Hydrologic Unit 05050005, on right bank 10 ft upstream from culvert on U.S. Highway 19, 80 ft upstream from unnamed tributary, 4.5 mi north of Nallen, and at mile 3.2.

DRAINAGE AREA.--2.78 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--Annual maximum, water year 1966. October 1966 to September 1977.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAR 1967						
30...	1155	23	--	--	21.0	9.0
MAR 1968						
12...	0855	26	--	--	--	4.0
DEC						
04...	1120	3.0	--	--	0.5	--
APR 1969						
29...	1000	4.3	--	--	5.5	8.5
AUG						
28...	0930	0.48	<40	--	14.0	13.0
OCT						
09...	1040	0.60	<40	8.30	13.0	10.0
NOV						
20...	1130	7.6	<40	8.30	--	5.0
DEC						
11...	1055	26	<40	7.30	4.0	5.0
24...	1005	2.2	50	7.40	-5.0	0.0
JAN 1970						
26...	1005	11	--	--	3.0	0.0
28...	1400	8.3	<40	6.50	10.0	3.0
MAR						
12...	1125	2.5	<40	7.40	9.5	6.0
APR						
14...	1210	11	<40	6.60	8.0	6.5
JUN						
05...	1100	0.92	<40	6.70	20.0	16.0
28...	1030	0.12	--	--	23.5	16.5
JUL						
09...	1315	48	<40	6.30	21.0	15.0
AUG						
12...	0940	2.1	--	--	17.5	15.5
27...	1045	0.47	<40	7.70	21.0	15.0
SEP						
23...	1058	0.52	--	--	18.0	14.5
28...	1100	1.0	<40	7.40	10.0	12.0
OCT						
22...	1030	0.17	--	--	16.0	13.0
NOV						
09...	1040	1.7	<40	6.90	15.0	8.0
18...	1625	0.34	--	--	17.0	8.0
APR 1971						
13...	0905	3.5	--	6.60	20.0	6.0
JUN						
28...	0930	0.20	--	7.10	23.5	16.5
SEP						
23...	1058	0.52	--	--	18.0	14.5
OCT						
22...	1030	0.17	--	--	16.0	13.0
NOV						
18...	1625	0.34	--	--	17.0	8.0
DEC						
22...	0925	2.0	--	--	2.0	4.5
JAN 1972						
20...	1100	2.9	--	--	9.0	3.0

## KANAWHA RIVER BASIN

03189650 COLLISON CREEK NEAR NALLEN, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
FEB 1972							
24...	1240	106	--	--	8.0	3.0	--
24...	1435	86	--	--	6.0	4.0	--
25...	0840	50	--	--	1.5	4.0	--
MAR							
30...	0815	4.2	--	--	6.0	5.0	--
APR							
27...	0940	6.1	--	--	1.0	6.0	--
MAY							
25...	1030	1.7	--	--	21.0	11.0	--
JUN							
27...	1320	2.9	--	--	21.0	13.0	--
AUG							
24...	0945	1.8	--	--	19.5	15.5	--
OCT							
04...	1300	0.56	--	--	15.0	12.0	--
27...	0940	1.6	--	--	4.0	6.0	--
NOV							
21...	1245	7.3	--	--	4.0	5.0	--
DEC							
21...	0900	6.9	--	--	6.0	5.0	--
JAN 1973							
24...	1440	3.2	--	--	5.0	2.0	--
FEB							
23...	1015	3.7	--	--	-1.0	0.5	--
APR							
06...	0925	9.9	--	--	5.5	6.0	--
27...	1045	19	<50	5.90	12.0	10.0	--
JUN							
26...	1010	1.5	<50	5.90	17.0	14.0	9.2
JUL							
24...	1215	4.2	--	6.20	23.0	17.0	9.0
SEP							
27...	0950	0.06	<50	--	--	15.0	--
NOV							
28...	1310	36	--	--	13.0	10.0	--
FEB 1974							
28...	0955	2.5	--	--	3.0	2.0	--
MAR							
26...	0845	4.4	--	--	1.0	4.0	--
MAY							
20...	1340	0.74	--	--	--	14.0	--
OCT							
23...	1330	0.76	--	--	15.0	13.0	--
FEB 1975							
18...	1315	4.3	<40	5.60	17.0	5.5	11.4
MAR							
25...	1500	26	<50	--	7.0	8.0	10.2
APR							
21...	1600	4.6	<50	5.60	12.0	10.0	--
MAY							
19...	1330	5.0	<50	4.80	21.0	15.0	8.2
JUL							
30...	1540	0.28	<50	4.80	27.0	21.0	7.1
AUG							
25...	1435	0.02	<50	5.30	30.0	22.0	5.5
SEP							
22...	1515	0.16	<50	--	16.0	13.0	10.0



## KANAWHA RIVER BASIN

03190000 MEADOW RIVER AT NALLEN, WV

LOCATION.--Lat 38°06'45", long 80°52'35", Fayette County, on left bank at highway bridge at Nallen, 0.3 mi downstream from highway bridge on U.S. Highway 19, 2.0 mi upstream from Anglins Creek, 3.0 mi downstream from Brackens Creek at Russellville, and at mile 11.0.

DRAINAGE AREA.--287 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--July 1908 to September 1916 (published as "near Russellville"). October 1928 to September 1971. Monthly discharge only for some periods, published in WSP 1305.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1945					MAY 1950				
14...	1750	372	25.0	21.0	17...	1450	1250	24.5	15.5
JUL					JUL				
12...	1700	26	28.0	24.0	26...	1810	490	21.0	18.0
SEP					NOV				
26...	1530	201	25.5	20.5	09...	1720	375	14.5	10.5
OCT					DEC				
05...	1100	70	13.5	18.0	14...	1710	452	1.5	1.0
NOV					MAR 1951				
21...	1730	1400	10.0	8.5	28...	1725	683	19.0	6.0
APR 1946					MAY				
18...	1535	315	24.0	13.0	03...	1600	1120	21.5	15.5
MAY					JUN				
23...	1830	539	28.0	18.5	04...	1240	337	31.0	24.0
JUN					SEP				
20...	1555	75	33.0	26.5	18...	1740	39	--	20.0
JUL					NOV				
25...	1345	75	28.0	24.0	28...	1515	540	7.5	3.0
AUG					JAN 1952				
22...	1425	23	26.5	23.5	05...	1125	1740	0.0	4.0
SEP					FEB				
11...	1640	7.0	24.5	23.5	13...	1215	452	11.0	4.0
17...	1750	6.8	23.5	22.0	MAR				
OCT					31...	1650	361	15.0	8.5
08...	1730	2.5	23.0	14.5	DEC				
NOV					09...	1730	143	13.0	--
20...	1400	66	15.5	4.5	JAN 1953				
DEC					20...	1340	749	12.5	--
18...	1210	4.0	-0.5	3.5	FEB				
JUN 1947					23...	1230	3310	6.0	--
11...	1645	180	34.5	24.5	APR				
AUG					07...	1430	653	6.0	--
29...	1220	149	29.0	21.0	MAY				
SEP					19...	1615	911	19.0	--
11...	1530	121	29.0	24.0	AUG				
17...	1150	24	24.0	16.5	05...	1025	19	25.0	24.5
MAY 1948					SEP 1954				
27...	1700	98	24.5	20.5	09...	1600	26	--	24.5
JUN					NOV				
25...	1500	136	33.0	25.0	09...	0830	718	4.0	--
JUL					DEC				
27...	1555	148	26.5	22.5	07...	1415	291	-6.0	0.5
SEP					JAN 1955				
21...	1745	30	24.0	23.0	10...	1530	821	9.0	3.0
OCT					FEB				
12...	1620	97	18.5	14.5	08...	0845	4120	1.5	1.5
NOV					APR				
19...	1000	206	13.0	8.0	07...	1140	233	6.5	8.0
APR 1949					JUN				
05...	1625	356	6.0	8.0	07...	1040	70	24.5	22.0
JUN					JUL				
21...	1145	157	28.0	21.0	06...	0840	19	26.5	25.5
JUL					SEP				
19...	1910	1110	28.0	21.0	07...	0905	2.2	22.5	24.0
SEP					NOV				
13...	1700	28	28.0	20.0	09...	0930	11	1.0	1.5
NOV					DEC				
09...	1200	320	18.0	6.5	06...	1625	229	5.5	4.5
JAN 1950					JAN 1956				
11...	0740	606	-0.5	4.5	09...	1605	66	-4.0	0.0
MAR									
17...	1435	945	14.5	4.5					

## KANAWHA RIVER BASIN

03190000 MEADOW RIVER AT NALLEN, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLDW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1956				
06...	1220	465	28.5	23.5
AUG				
08...	1025	153	29.0	24.5
DCT				
10...	1340	218	14.5	13.0
FEB 1957				
12...	1430	2210	6.5	--
MAY				
07...	1615	199	23.0	--
JUL				
11...	1340	84	24.0	22.0
DCT				
16...	1040	42	16.5	12.0
JUN 1958				
10...	1325	85	24.5	21.5
DEC				
04...	1025	201	6.5	2.0
MAR 1959				
24...	1715	346	20.0	--
JUN				
09...	1335	168	--	21.0
MAY 1960				
25...	1005	183	--	18.0
JUL				
07...	1030	121	--	20.0
SEP				
14...	1400	185	--	16.5
DCT				
20...	1215	52	--	12.0
NOV				
17...	1335	184	--	7.0
APR 1961				
10...	1145	450	--	5.0
AUG				
30...	1055	34	--	25.0
JAN 1962				
24...	1150	2100	2.0	1.0
JUN				
04...	1655	99	29.0	21.0
SEP				
05...	1005	20	24.5	23.5
MAY 1963				
22...	1320	571	--	14.0
JUN				
17...	1345	106	--	19.0
JUL				
24...	0915	78	--	20.5
AUG				
28...	1400	50	--	22.0
SEP				
24...	1540	20	--	16.5
NOV				
20...	1515	83	--	7.0
NOV 1964				
23...	1400	162	--	1.5
JUL 1965				
19...	1145	45	--	23.5
AUG				
23...	1035	40	--	23.0
SEP				
20...	0920	63	23.5	22.0
NOV				
15...	1155	53	16.0	7.0
DEC				
13...	1250	63	--	6.0
MAY 1966				
31...	1015	91	11.5	16.0

## KANAWHA RIVER BASIN

03190000 MEADOW RIVER AT NALLEN, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPF- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1966						
25...	1325	16	--	--	--	23.0
AUG						
25...	1050	58	--	--	--	22.0
NOV						
07...	1515	376	--	--	21.0	7.0
JAN 1967						
03...	1630	720	--	--	--	1.5
MAR						
30...	1015	502	--	--	16.5	9.5
APR						
27...	0900	892	--	--	3.0	9.0
JUL						
11...	1455	152	--	--	25.0	23.5
OCT						
04...	1405	60	--	--	23.5	15.0
JUL 1968						
23...	1425	42	--	--	--	26.0
SEP						
04...	1630	23	--	--	24.0	21.0
OCT						
15...	1505	41	--	--	23.0	18.0
NOV						
26...	1520	512	--	--	6.0	5.0
MAR 1969						
17...	1505	503	--	--	13.0	4.0
APR						
29...	1350	669	--	--	9.0	8.5
JUN						
09...	1550	55	--	--	18.0	21.5
JUL						
17...	1345	116	74	--	29.0	23.0
AUG						
28...	1115	177	104	--	21.0	18.0
OCT						
09...	1400	149	110	8.20	18.0	13.5
NOV						
20...	1430	716	88	7.80	--	3.5
MAR 1970						
12...	0940	532	70	7.40	9.5	7.0
APR						
14...	1500	650	70	7.10	8.0	9.5
JUN						
05...	0905	82	118	6.90	20.0	21.0
JUL						
09...	1440	2080	52	6.70	22.0	16.0
AUG						
27...	1420	137	80	8.10	26.0	20.0
SEP						
28...	1320	144	95	7.20	12.0	14.5
NOV						
09...	1430	796	58	7.10	14.0	9.0
DEC						
21...	1245	542	72	7.40	6.0	4.5
JAN 1971						
26...	1330	1340	65	7.90	0.0	3.0
MAR						
03...	1600	764	60	6.90	0.5	5.0
APR						
13...	1015	700	--	6.50	19.0	12.0
AUG						
11...	1435	187	85	7.20	25.0	23.0
SEP						
23...	1515	440	--	--	20.0	16.5
OCT						
22...	1010	65	--	--	15.5	15.0
NOV						
18...	1715	129	--	--	11.0	9.0

## KANAWHA RIVER BASIN

03190400 MEADOW RIVER NEAR MOUNT LOOKOUT, WV

LOCATION.--Lat 38°11'23", long 80°56'49", Nicholas County, Hydrologic Unit  
05050005, on right bank 1,000 ft upstream from mouth, and 2.5 mi northwest of  
Mt. Lookout.

DRAINAGE AREA.--365 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--September 1966 to September 1983.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARO UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1966						
10...	1155	109	--	--	7.0	--
JAN 1967						
03...	1310	926	--	--	--	2.5
FEB						
15...	1415	386	--	--	10.0	4.5
MAR						
07...	1310	13000	--	--	5.0	--
APR						
27...	1230	1050	--	--	13.5	8.5
JUL						
11...	1225	148	--	--	28.0	--
AUG						
23...	1200	40	--	--	24.0	22.0
OCT						
06...	0950	50	--	--	18.5	15.0
NOV						
07...	1435	302	--	--	1.5	2.0
DEC						
19...	1250	1120	--	--	--	5.5
JUN 1968						
11...	1300	387	--	--	29.5	23.0
SEP						
04...	1400	34	--	--	19.0	22.0
NOV						
06...	1330	387	--	--	29.5	23.0
26...	1315	705	--	--	30.0	4.0
JAN 1969						
13...	1325	184	--	--	14.0	11.0
MAR						
17...	1300	567	--	--	13.0	4.0
JUN						
09...	1315	88	--	--	18.0	22.0
AUG						
28...	1315	201	--	--	21.0	20.0
OCT						
09...	1130	13	110	8.30	--	15.0
NOV						
25...	1140	447	52	8.00	9.0	4.0
JAN 1970						
28...	1040	1320	58	7.15	4.0	0.0
MAY						
26...	1800	265	63	6.80	20.0	21.0
AUG						
27...	1220	198	70	7.20	24.0	20.0
NOV						
09...	1305	850	58	7.30	10.0	9.0
JAN 1971						
26...	1130	1800	42	7.20	0.0	3.0
APR						
13...	1240	806	50	6.60	25.0	12.0
JUN						
28...	1215	208	80	7.20	25.0	23.0
OCT						
21...	1510	80	--	--	21.0	16.0

## KANAWHA RIVER BASIN

03190400 MEADOW RIVER NEAR MOUNT LOOKOUT, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
DEC 1971							
20...	1530	410	--	--	10.0	3.5	--
JAN 1972							
20...	1000	584	--	--	9.0	1.0	--
MAR							
29...	0955	846	--	--	4.0	6.0	--
MAY							
24...	0840	785	--	--	8.0	14.0	--
AUG							
23...	1250	402	--	--	22.0	20.0	--
OCT							
25...	1440	301	--	--	8.0	9.0	--
DEC							
20...	1400	974	--	--	4.5	3.0	--
JAN 1973							
25...	1110	634	--	--	-1.0	0.0	--
MAR							
01...	1150	911	--	--	5.0	2.5	--
APR							
26...	1330	1480	50	7.20	13.0	12.0	10.6
JUL							
05...	1800	153	80	7.70	23.0	25.0	7.2
SEP							
06...	1245	54	--	--	23.0	25.0	--
FEB 1974							
27...	1030	665	--	--	-2.0	2.0	--
APR							
16...	1215	602	--	--	9.0	10.0	--
SEP							
24...	1030	74	--	--	7.0	13.0	--
FEB 1975							
18...	1520	1440	50	4.00	13.0	6.0	--
APR							
22...	1530	741	<50	5.40	--	11.0	--
MAY							
20...	1030	1220	50	5.40	17.0	16.0	9.7
JUL							
30...	1400	84	105	6.70	25.0	25.0	7.9

## KANAWHA RIVER BASIN

03191500 PETERS CREEK NEAR LOCKWOOD, WV

LOCATION.--Lat 38°15'45", long 81°01'24", Nicholas County, Hydrologic Unit  
05050005, on left bank, 0.9 mi downstream from Tate Run, 1.5 mi upstream from  
Line Creek and Lockwood, and at mile 5.2.

DRAINAGE AREA.--40.2 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1945 to September 1971, November 1979 to  
September 1982. WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1945					OCT 1950				
17...	1450	77	16.5	16.5	02...	1805	11	22.0	20.5
OCT					NOV				
04...	1530	5.7	23.5	14.5	07...	1530	72	18.0	11.0
NOV					DEC				
13...	1415	18	25.5	13.0	12...	1220	61	0.0	3.0
26...	1440	48	14.0	9.0	JAN 1951				
JUN 1946					19...	1545	98	17.0	9.0
18...	1050	3.1	31.0	24.5	MAR				
JUL					29...	1730	43	24.0	7.5
24...	1025	1.7	31.0	24.0	APR				
SEP					30...	1755	41	23.5	20.5
11...	1430	0.20	24.0	24.0	JUN				
17...	1045	0.04	20.0	20.0	04...	1455	29	31.0	25.5
19...	1335	0.05	26.5	22.0	JUL				
OCT					17...	1205	3.5	30.5	28.5
10...	0955	0.17	18.0	16.0	AUG				
NOV					13...	1340	826	--	26.0
05...	1725	0.99	9.0	14.5	SEP				
18...	1550	4.5	13.5	6.5	20...	1355	3.6	26.0	22.0
DEC					OCT				
07...	1735	2.1	7.5	1.5	16...	1315	1.0	23.0	18.0
16...	1705	11	13.5	4.5	NOV				
JUN 1947					29...	1425	32	11.0	4.0
09...	1135	26	29.5	19.0	JAN 1952				
JUL					08...	1550	70	5.0	4.5
28...	1055	47	29.5	24.5	FEB				
SEP					11...	1730	42	4.5	5.5
11...	1735	4.4	25.5	24.5	APR				
13...	0815	3.5	25.5	23.0	02...	1655	109	13.0	11.0
JUL 1948					JUL				
19...	1640	46	28.0	23.5	10...	1430	6.0	22.0	23.5
AUG					OCT				
13...	0920	56	28.0	20.5	28...	1030	1.1	9.0	--
OCT					DEC				
15...	1305	2.0	18.5	11.5	08...	1620	11	13.5	4.5
NOV					JAN 1953				
16...	1720	10	9.0	8.0	22...	1445	144	16.0	5.5
APR 1949					APR				
04...	1740	33	16.0	11.0	08...	1410	102	20.0	13.5
JUN					JUN				
21...	1510	4.9	30.5	27.0	24...	0730	9.9	23.5	--
JUL					AUG				
26...	1610	18	33.5	29.5	06...	0830	1.2	22.0	22.0
NOV					JUL 1954				
07...	1450	45	20.0	10.5	07...	1035	1.1	--	24.0
DEC					AUG				
12...	1430	364	18.0	8.5	03...	1520	22	--	25.0
JAN 1950					NOV				
10...	1110	93	15.5	9.0	08...	1740	50	9.0	6.5
MAR					DEC				
14...	1410	302	14.5	6.0	06...	1610	25	-2.0	1.0
APR					JAN 1955				
17...	1445	18	23.0	12.0	11...	1345	62	9.0	3.5
MAY					FEB				
15...	1710	384	20.5	12.0	09...	1215	232	4.0	2.0
JUN					MAR				
20...	1200	204	21.0	16.0	09...	1020	131	15.0	5.5
JUL					APR				
24...	1645	117	23.5	21.0	07...	1530	20	9.0	9.5

## KANAWHA RIVER BASIN

03191500 PETERS CREEK NEAR LOCKWOOD, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAY 1955					AUG 1959				
04...	1455	30	30.0	21.0	17...	1400	3.8	32.0	29.0
JUN					SEP				
06...	1500	3.6	25.0	26.0	24...	1425	1.7	--	22.0
SEP					OCT				
06...	1325	7.2	29.5	24.5	27...	1545	54	--	10.5
OCT					FEB 1960				
11...	1245	0.98	21.0	17.0	25...	1230	86	--	5.0
NOV					MAR				
07...	1235	3.4	8.0	6.5	23...	1055	72	--	1.5
DEC					APR				
06...	1030	24	3.0	3.0	18...	1640	26	--	14.5
JAN 1956					MAY				
09...	1125	9.1	-3.0	0.0	24...	1715	17	--	21.5
FEB					JUL				
13...	1010	49	1.0	--	07...	1250	7.8	--	24.0
MAY					AUG				
07...	1715	60	20.0	15.0	10...	1650	27	--	23.5
JUN					SEP				
04...	1540	79	20.0	17.5	12...	1400	29	--	19.0
JUL					APR 1961				
09...	1310	35	23.0	22.0	13...	1130	60	0.5	--
AUG					MAY				
07...	1430	26	24.0	23.0	08...	1240	440	--	13.5
SEP					AUG				
04...	1430	3.7	25.5	22.0	29...	1700	7.0	--	26.5
OCT					SEP				
10...	1600	20	15.0	13.0	25...	1100	2.2	--	21.5
NOV					DEC				
05...	1350	33	18.5	15.0	04...	1315	22	--	8.0
DEC					JAN 1962				
10...	1650	88	3.5	8.5	16...	1410	110	--	0.5
JAN 1957					APR				
10...	1515	667	1.0	--	02...	1500	32	--	8.5
10...	1615	610	0.0	--	JUN				
FEB					07...	1335	7.8	25.0	--
11...	1635	294	1.5	--	JUL				
MAR					11...	1400	6.7	--	26.0
26...	1615	59	--	10.0	SEP				
JUL					13...	1120	0.93	--	19.5
09...	1550	1.6	21.0	26.0	OCT				
OCT					22...	1215	4.0	18.0	11.0
14...	1525	1.6	18.0	13.0	DEC				
DEC					10...	1130	40	--	0.0
16...	1210	35	12.0	4.5	JAN 1963				
JAN 1958					14...	1405	126	--	0.5
13...	1340	17	0.0	4.5	FEB				
MAR					11...	1120	88	--	3.5
12...	1415	64	4.5	4.5	MAR				
APR					11...	1055	66	--	4.0
17...	1330	44	25.5	17.0	MAY				
MAY					20...	1505	55	--	15.5
14...	1215	42	16.5	14.5	JUN				
JUN					17...	1045	12	23.5	19.5
12...	1240	26	22.0	24.5	SEP				
SEP					23...	1145	1.2	--	15.5
17...	1050	3.5	--	21.0	NOV				
26...	1200	5.9	--	23.5	18...	1425	3.2	--	4.5
OCT					MAR 1964				
22...	1440	2.6	--	16.0	02...	1315	98	13.0	6.0
NOV					OCT				
24...	1440	7.7	14.5	9.0	19...	1240	8.3	--	12.0
FEB 1959					NOV				
17...	1615	107	11.0	6.5	23...	1120	15	--	0.5
MAR					JUN 1965				
24...	1445	26	25.5	7.0	21...	0955	2.3	--	24.0
JUN					AUG				
09...	1745	18	--	25.5	26...	1300	2.4	--	26.0

## KANAWHA RIVER BASIN

03191500 PETERS CREEK NEAR LOCKWOOD, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1965						
23...	1025	5.0	--	--	--	21.0
NOV						
18...	1020	3.4	--	--	1.0	3.0
DEC						
16...	1030	4.4	--	--	--	5.5
MAR 1966						
10...	1015	34	--	--	--	3.5
JUN						
02...	1025	5.1	--	--	--	14.5
30...	0945	0.85	--	--	--	24.0
AUG						
22...	1100	6.8	--	--	--	25.0
SEP						
19...	0930	2.8	--	--	18.0	16.0
NOV						
07...	1020	18	--	--	8.0	6.0
DEC						
15...	1100	50	--	--	3.5	3.0
FEB 1967						
02...	0915	43	--	--	--	7.0
JUN						
19...	0930	12	--	--	--	21.5
JUL						
31...	1045	8.0	--	--	--	23.0
SEP						
11...	0955	0.90	--	--	--	14.5
OCT						
21...	1030	13	--	--	--	9.0
MAR 1968						
18...	1140	191	--	--	--	6.0
APR						
18...	1150	33	--	--	--	13.0
JUN						
07...	1030	29	--	--	23.5	18.0
JUL						
17...	1420	2.0	--	--	26.5	24.5
SEP						
04...	1115	3.8	--	--	24.0	21.0
OCT						
03...	1230	10	--	--	--	16.0
NOV						
14...	1130	46	--	--	2.0	6.5
DEC						
19...	1330	40	--	--	4.5	0.5
JAN 1969						
31...	1040	44	--	--	3.0	1.0
MAR						
13...	1120	50	--	--	5.5	1.0
APR						
16...	1320	52	--	--	20.5	13.0
MAY						
21...	1050	25	--	--	15.5	19.0
JUN						
18...	1130	5.3	--	--	21.0	24.0
JUL						
30...	1255	3.8	235	--	26.5	25.0
SEP						
09...	1140	14	180	--	--	18.5
OCT						
30...	1110	3.6	235	7.10	18.5	8.0
DEC						
10...	1250	15	150	7.25	8.0	3.0
JAN 1970						
23...	1100	32	--	--	0.0	10.0



## KANAWHA RIVER BASIN

03191500 PETERS CREEK NEAR LOCKWOOD, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
FEB 1970						
27...	1425	39	155	7.40	9.0	4.0
MAR						
18...	1030	94	135	7.50	2.0	4.0
APR						
22...	1155	41	140	7.20	20.0	16.0
MAY						
20...	1320	25	155	6.70	20.0	17.0
JUN						
18...	1355	5.0	265	--	30.0	25.0
JUL						
22...	1315	1.7	340	7.20	22.0	19.0
AUG						
20...	1300	2.7	370	7.20	28.0	26.0
SEP						
30...	1315	11	215	7.20	18.0	19.0
NOV						
17...	1330	16	180	7.30	8.0	6.0
DEC						
17...	1345	33	103	7.50	2.0	4.0
JAN 1971						
21...	1320	52	145	7.20	2.0	0.5
MAR						
05...	1120	78	130	6.90	6.0	1.0
APR						
15...	1150	40	160	6.80	16.0	10.0
MAY						
19...	1025	44	180	7.00	20.0	16.0
JUL						
30...	1215	6.7	--	--	22.0	22.0
SEP						
17...	1250	102	--	7.40	24.0	21.0
NOV						
05...	1010	31	--	--	--	8.0

## KANAWHA RIVER BASIN

03192000 GAULEY RIVER ABOVE BELVA, WV

LOCATION.--Lat 38°14'00", long 81°10'52", Nicholas County, Hydrologic Unit 05050005, on right bank 0.5 mi upstream from Belva, 1.0 mi upstream from Twentymile Creek, and at mile 6.3.

DRAINAGE AREA.--1,317 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1928 to current year. Monthly discharge only for some periods, published in WSP 1305.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1945					MAR 1951				
13...	1755	2620	31.0	23.5	29...	1550	3350	23.0	6.5
JUL					APR				
14...	1850	295	26.5	24.5	30...	1400	2140	21.5	13.0
SEP					JUN				
24...	1545	1700	28.5	20.5	07...	1630	2480	24.0	19.5
OCT					JUL				
04...	1140	500	24.5	18.5	09...	1615	612	29.0	25.0
NOV					18...	1720	313	28.5	24.5
26...	1620	3120	13.5	8.5	AUG				
JUN 1946					13...	1145	189	28.5	29.0
17...	1530	364	33.5	28.0	SEP				
JUL					17...	1650	484	--	22.0
23...	1540	182	34.5	28.5	OCT				
SEP					16...	1150	75	--	18.0
16...	1755	37	26.5	23.0	NOV				
DEC					29...	1225	3160	9.5	4.0
16...	1540	848	16.5	5.5	JAN 1952				
JAN 1947					08...	1415	4320	9.5	3.0
21...	1025	13600	2.0	5.5	FEB				
JUN					11...	1540	2320	6.0	5.0
11...	2010	1940	29.5	24.5	APR				
JUL					02...	1515	2520	16.5	10.5
31...	1340	353	36.0	28.5	JUL				
AUG					07...	1425	221	32.5	29.0
20...	0935	1670	30.0	23.5	DEC				
SEP					08...	1415	796	16.0	4.5
10...	1700	845	30.5	25.0	JUL 1954				
OCT					06...	1700	238	24.5	28.0
16...	1730	121	21.5	18.0	AUG				
JUN 1948					03...	1325	558	--	25.5
22...	1345	1080	32.0	25.5	JUN 1955				
JUL					06...	1230	226	33.5	25.0
27...	1145	2120	30.0	26.0	OCT				
SEP					11...	1105	39	18.0	20.5
24...	1250	617	24.0	20.0	NOV				
OCT					07...	1035	112	6.0	8.5
15...	1545	494	18.5	14.5	JUN 1956				
APR 1949					04...	1310	6220	23.0	19.0
12...	1535	3200	19.5	10.5	JUN 1958				
MAY					12...	1515	663	24.0	24.5
02...	1515	3240	18.5	15.5	SEP				
JUN					15...	1740	167	--	24.5
21...	1205	1810	29.5	24.0	OCT				
JUL					20...	1425	105	--	18.5
19...	1430	6920	29.5	20.5	NOV				
NOV					24...	1240	432	18.0	8.0
07...	1300	2940	18.0	9.0	AUG 1959				
JAN 1950					17...	1105	216	31.5	28.0
10...	1000	4010	19.0	6.0	SEP				
MAR					24...	1625	25	--	24.0
13...	1555	13200	1.5	4.5	OCT 1960				
MAY					18...	1530	194	--	19.5
15...	1435	5200	21.0	12.0	JUL 1961				
JUL					18...	1625	626	--	25.5
24...	1440	3070	24.0	21.0	AUG				
NOV					29...	1435	304	--	27.0
07...	1335	4650	18.5	9.5	SEP				
DEC					27...	1415	289	--	22.0
11...	1610	5040	-1.0	3.5	JUL 1962				
JAN 1951					11...	1050	426	--	24.5
16...	1800	10700	1.5	3.0					

## KANAWHA RIVER BASIN

03193000 KANAWHA RIVER AT KANAWHA FALLS, WV

LOCATION.--Lat 38°08'17", long 81°12'52", Fayette County, Hydrologic Unit 05050006, on right bank 150 ft downstream from bridge, 0.8 mi downstream from village of Kanawha Falls, 2.0 mi downstream from Gauley Bridge, 2.0 mi downstream from confluence of New River and Gauley River, and at mile 94.3.

DRAINAGE AREA.--8.371 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--March 1877 to current year. October 1916 to September 1918 and October 1927 to October 1928, published as "at Lock 2, Montgomery".

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1945				
13...	1520	10600	28.5	20.5
AUG				
14...	1610	2210	--	25.5
SEP				
28...	1445	7290	30.5	23.5
JUN 1946				
17...	1250	3090	32.5	28.0
JUL				
22...	1840	4600	34.0	28.5
SEP				
16...	1615	2140	27.5	22.5
JAN 1947				
21...	1455	73600	2.0	4.5
JUN				
12...	1915	6180	29.5	25.5
AUG				
27...	1555	7580	29.0	25.5
OCT				
18...	1050	4600	26.5	20.5
JUN 1948				
26...	1715	7030	29.5	26.0
SEP				
20...	1535	1970	25.5	21.0
APR 1949				
04...	1400	9990	17.5	12.0
JUL				
18...	1840	37200	27.5	21.0
SEP				
12...	1430	5560	27.5	21.5
OCT				
06...	1350	9650	24.5	16.5
JAN 1950				
09...	1330	14000	16.5	6.5
MAR				
22...	1630	20700	11.0	5.5
MAY				
19...	1845	20200	16.5	16.0
JUL				
28...	1350	18500	26.5	19.0
OCT				
03...	1345	4130	24.5	21.0
APR 1951				
30...	1010	11200	28.0	14.5
JUL				
09...	1405	4090	33.0	30.0
SEP				
17...	1500	3450	--	26.5
JAN 1952				
08...	1210	14600	3.5	3.5
APR				
02...	1205	12400	15.5	10.5
JUL				
10...	1240	2180	27.5	26.0
APR 1953				
06...	1430	9830	12.5	--

## KANAWHA RIVER BASIN

03193000 KANAWHA RIVER AT KANAWHA FALLS, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1953						
26...	1030	5180	--	--	29.5	--
NOV 1954						
08...	1645	6370	--	--	15.5	--
MAY 1956						
07...	1405	12800	--	--	19.0	16.0
JAN 1957						
15...	1300	13200	--	--	1.5	--
DEC						
06...	1550	11300	--	--	--	4.5
SEP 1958						
15...	1420	2040	--	--	--	23.0
JUN 1959						
08...	1255	6460	--	--	--	23.0
AUG						
20...	1340	1570	--	--	--	28.5
APR 1961						
14...	1415	46300	--	--	--	6.5
MAY 1963						
23...	1310	8070	--	--	--	15.5
JUL						
25...	1125	3990	--	--	--	24.0
SEP						
26...	1410	1030	--	--	--	21.5
FEB 1965						
12...	1400	25000	--	--	--	8.0
AUG						
12...	1120	2190	--	--	--	25.0
AUG 1967						
04...	1120	3370	--	--	--	25.5
DEC						
09...	1200	14800	--	--	11.0	3.0
MAY 1969						
14...	1150	12700	--	--	--	18.0
DEC						
04...	1320	2980	135	7.25	-4.0	2.0
12...	1125	39800	85	7.15	4.0	5.0
JUN 1970						
04...	1210	3020	175	7.40	24.0	23.0
DEC						
08...	1330	3170	120	7.50	6.0	5.0
FEB 1971						
11...	1410	25900	65	7.10	9.0	2.0
17...	1215	25100	65	7.30	5.5	1.5
18...	1225	27300	75	6.90	11.0	2.5
SEP						
09...	1130	3330	--	--	27.0	23.0
JAN 1972						
06...	1200	46000	--	--	-2.0	8.0
JUL						
01...	1430	16200	--	--	--	18.0
FEB 1973						
02...	1210	11600	--	--	-5.0	3.0
MAY						
15...	1220	9760	--	--	21.0	15.0
MAR 1975						
21...	1730	76600	--	--	20.0	5.5
MAY						
15...	1100	15700	--	--	--	15.5
JUL						
23...	1315	5800	--	--	--	27.0
AUG						
04...	1500	1960	160	8.40	--	29.0
SEP						
02...	1215	3630	--	7.20	--	26.0

## KANAWHA RIVER BASIN

03193830 GILMER RUN NEAR MARLINTON, WV

LOCATION.--Lat 38°19'12", long 80°05'52", Pocahontas County, Hydrologic Unit 05050007, on left bank 8.0 ft upstream from culvert on Forest Service Road 251, and 6.8 mi north of Marlinton.

DRAINAGE AREA.--1.8 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--June 1968 to September 1977.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
DEC 1968						
04...	0925	17	--	--	--	3.5
MAY 1969						
21...	0900	1.6	--	--	--	12.0
JUN						
23...	1520	0.05	--	--	--	19.0
AUG						
04...	1330	3.3	165	--	22.0	17.0
SEP						
24...	1425	0.77	120	7.80	16.5	14.5
NOV						
04...	1100	2.4	103	7.40	--	6.5
FEB 1970						
17...	1400	5.3	170	7.20	6.0	2.0
APR						
07...	1415	3.0	120	7.10	2.0	4.0
MAY						
14...	0810	0.62	140	7.40	15.0	14.0
OCT						
28...	1245	0.19	170	7.50	5.0	8.0
DEC						
01...	1335	4.8	95	7.00	10.0	7.5
FEB 1971						
17...	1105	2.9	--	--	1.0	0.5
MAR						
31...	1300	5.8	--	--	11.0	5.5
JUN						
28...	1055	0.06	--	--	28.0	21.5
AUG						
03...	1205	2.5	--	--	24.5	17.0
JAN 1972						
04...	1245	6.3	--	--	8.0	8.5
FEB						
01...	1345	1.7	--	--	3.0	0.0
APR						
05...	0815	4.3	--	--	3.0	1.5
MAY						
02...	0805	0.83	--	--	14.0	10.5
JUN						
07...	1310	0.11	--	--	25.0	19.5
AUG						
15...	1435	0.18	--	--	29.0	19.0
SEP						
19...	1330	0.02	--	--	23.0	18.5
NOV						
29...	1420	4.5	--	--	2.5	2.0
FEB 1973						
07...	1315	4.4	--	--	8.0	3.0
MAR						
13...	0830	2.7	125	6.90	13.0	4.5
JUL						
17...	0850	0.14	--	--	18.0	15.0
JAN 1974						
15...	1125	1.6	--	--	11.0	2.0

## KANAWHA RIVER BASIN

03193830 GILMER RUN NEAR MARLINTON, WV--Continued  
WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (U $\Omega$ /CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
FEB 1974						
20...	1725	2.5	220	--	-1.0	1.0
MAR						
20...	1450	6.1	115	--	15.0	8.0
AUG						
06...	1545	0.22	--	--	--	18.0
FEB 1975						
18...	1445	11	--	--	10.0	4.0
MAR						
26...	0845	5.9	105	--	-6.0	0.5
APR						
22...	1020	2.2	130	--	5.5	4.0
MAY						
21...	1215	2.3	--	--	28.0	18.0
JUL						
08...	0750	0.22	170	7.20	20.0	16.0
AUG						
19...	1350	0.03	325	8.10	23.0	21.0

## KANAWHA RIVER BASIN

03194700 ELK RIVER BELOW WEBSTER SPRINGS, WV

LOCATION.--Lat 38°35'50", long 80°29'26", Webster County, Hydrologic Unit 05050007, on right bank 200 ft upstream from bridge on County Highway 7, 6.5 mi upstream from town of Centralia, 8.9 mi southwest of Salisbury Station, 8.9 mi northwest of Webster Springs, and at mile 125.2.

DRAINAGE AREA.--266 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1959 to September 1983.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1959				
22...	1500	5.7	--	22.0
FEB 1960				
03...	1435	477	6.5	2.0
APR				
27...	1400	814	16.5	15.5
JUN				
27...	1725	106	--	24.5
AUG				
02...	1045	82	--	25.5
SEP				
01...	1040	220	--	24.0
27...	1705	128	--	18.5
OCT				
31...	1445	164	11.5	11.0
NOV				
30...	1405	349	--	1.5
AUG 1961				
28...	1215	106	26.0	19.5
SEP				
25...	1200	145	27.0	25.5
MAY 1962				
30...	1305	207	--	23.5
JUN				
25...	1330	204	--	23.5
JUL				
30...	1215	53	--	25.0
SEP				
27...	1350	20	--	16.5
FEB 1963				
25...	1415	249	--	0.5
MAY				
28...	1235	172	--	18.0
JUN				
24...	1200	77	--	22.0
JUL				
29...	1200	129	--	24.5
AUG				
26...	1125	95	--	21.5
SEP				
30...	1210	24	--	16.5
JUL 1964				
27...	1210	39	--	27.0
JUL 1965				
20...	1000	125	--	22.5
AUG				
24...	0955	81	--	23.0
SEP				
22...	1015	140	--	23.0
NOV				
16...	0955	91	15.0	9.0
DEC				
14...	0905	347	--	6.5
MAR 1966				
09...	1305	584	--	3.0
JUN				
28...	0930	23	--	26.0

## KANAWHA RIVER BASIN

03194700 ELK RIVER BELOW WEBSTER SPRINGS, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLDW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1966						
26...	1015	42	--	--	--	24.5
AUG						
24...	0915	249	--	--	--	21.0
DEC						
14...	1210	932	--	--	1.0	3.0
JUN 1967						
20...	1030	157	--	--	--	24.0
AUG						
01...	1050	103	--	--	--	23.5
SEP						
12...	0900	22	--	--	--	17.0
APR 1968						
17...	1135	356	--	--	24.0	11.5
JUN						
05...	1030	888	--	--	23.5	14.5
JUL						
31...	1200	57	--	--	--	24.0
OCT						
03...	1230	22	--	--	7.5	18.0
NOV						
20...	1245	1440	--	--	--	4.0
DEC						
16...	1230	820	--	--	--	0.0
JAN 1969						
28...	1300	512	--	--	--	1.0
MAR						
12...	1210	56	--	--	26.5	23.0
APR						
23...	1200	1760	--	--	--	8.0
JUN						
12...	1200	56	--	--	26.5	23.0
JUL						
24...	1245	599	--	--	31.0	24.0
OCT						
13...	1245	113	82	7.90	--	18.0
NOV						
20...	1230	1490	69	7.70	-2.0	5.0
JAN 1970						
06...	1230	520	66	7.20	2.0	3.0
FEB						
17...	1240	1960	58	7.30	2.0	3.5
MAY						
26...	1330	140	75	7.20	--	21.0
JUL						
02...	1300	252	65	7.20	--	21.5
SEP						
30...	1210	355	70	7.20	17.0	13.0
DEC						
30...	1200	416	<40	7.50	-1.0	0.0
JAN 1971						
16...	1550	802	--	--	18.0	7.0
FEB						
12...	1200	681	42	7.20	21.0	1.5
MAR						
29...	1230	1580	58	7.30	15.0	7.5
JUL						
08...	1145	193	--	--	27.0	23.0
OCT						
18...	1200	71	--	--	18.0	15.0
JAN 1972						
31...	1300	962	--	--	-1.0	2.0
APR						
03...	1210	609	--	--	15.5	8.0



## KANAWHA RIVER BASIN

03194700 ELK RIVER BELOW WEBSTER SPRINGS, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
JUL 1972							
11...	1340	387	--	--	27.0	20.0	--
SEP							
18...	1340	80	80	7.60	28.0	23.5	--
OCT							
24...	1305	432	63	7.20	14.0	11.0	--
NOV							
30...	1110	864	58	7.10	3.0	4.0	--
FEB 1973							
05...	1315	1140	58	8.20	18.0	5.5	--
MAR							
12...	1245	583	85	6.40	15.0	11.0	--
APR							
18...	1355	3460	<50	8.00	23.0	10.5	--
JUN							
11...	1115	207	80	8.10	24.0	23.0	--
JUL							
18...	0915	132	--	--	22.0	22.0	--
AUG							
29...	1035	135	--	--	27.0	26.0	--
SEP							
11...	1730	141	81	7.40	--	21.5	--
OCT							
04...	1500	641	70	--	25.0	18.0	--
18...	1800	113	77	7.20	--	13.0	--
NOV							
26...	1545	460	61	7.30	--	12.0	--
DEC							
04...	1600	554	--	--	13.0	6.0	--
JAN 1974							
16...	1550	802	--	--	18.0	7.0	--
23...	1350	633	60	7.10	--	8.5	9.0
FEB							
27...	1500	583	53	7.10	--	4.0	--
MAR							
07...	1315	903	50	6.80	16.0	8.5	--
19...	1245	1290	54	6.70	--	7.0	12.1
APR							
17...	1505	502	58	7.00	17.0	11.0	--
MAY							
21...	1420	273	70	7.50	26.0	21.5	--
JUN							
20...	1910	424	55	7.00	25.0	20.5	--
JUL							
08...	1730	385	85	7.40	--	23.5	--
18...	2010	112	75	8.00	32.0	25.0	--
SEP							
11...	1310	346	77	7.40	22.5	19.0	--
OCT							
10...	1640	34	--	--	18.0	14.0	--
NOV							
13...	1700	492	70	6.80	9.0	8.0	--
DEC							
13...	1310	781	60	6.80	5.0	5.0	--
FEB 1975							
06...	1155	3550	52	6.70	3.0	5.5	--
MAR							
06...	1515	284	85	7.00	22.0	3.5	--
27...	1055	1220	50	--	-1.0	3.0	--
APR							
23...	1125	586	75	--	26.0	8.5	--

# KANAWHA RIVER BASIN

03195100 RIGHT FORK HOLLY RIVER AT GUARDIAN, WV

LOCATION.--Lat 38°38'07", long 80°27'58", Webster County, Hydrologic Unit 05050007, on right bank at Guardian, 50 ft upstream from Bear Run, and at mile 8.1.

DRAINAGE AREA.--51.9 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--March 1974 to September 1978. October 1978 to September 1982 (gage heights, occasional discharge measurements, and annual maximum discharge only).

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
SEP 1973							
12...	1405	8.4	52	7.10	--	21.0	--
OCT							
18...	0915	11	50	6.90	--	9.0	11.5
NOV							
27...	1500	E160	45	7.20	--	14.0	--
FEB 1974							
28...	1100	125	41	6.60	--	3.0	10.9
MAR							
19...	0945	665	50	7.00	--	7.0	--
20...	1450	477	--	6.40	17.0	9.5	--
APR							
16...	1400	95	--	6.30	12.0	18.0	--
MAY							
20...	1810	37	43	6.60	24.0	21.5	--
JUN							
20...	1750	28	49	6.50	25.0	23.0	--
JUL							
09...	1045	E13	50	7.30	--	22.0	8.5
18...	1625	6.3	52	7.00	29.5	25.5	--
AUG							
21...	1620	36	48	6.50	25.0	--	--
SEP							
18...	1805	31	42	6.60	25.5	19.5	--
OCT							
10...	1415	3.4	--	--	20.0	12.0	--
NOV							
13...	1435	94	45	6.80	8.0	7.5	--
DEC							
13...	1048	146	44	6.50	4.0	6.0	--
JAN 1975							
09...	1120	89	40	6.60	7.5	6.0	--
FEB							
06...	1655	874	40	6.00	3.5	6.0	--
MAR							
13...	1730	414	39	6.30	7.0	6.5	--
APR							
15...	1020	50	<50	--	6.0	7.0	--
MAY							
12...	1245	56	<50	--	21.0	14.5	--
JUN							
16...	1050	49	50	--	29.0	19.0	--
JUL							
21...	1425	26	<50	6.90	30.0	23.0	--
AUG							
25...	1255	10	85	6.70	29.0	24.0	--

# KANAWHA RIVER BASIN

03195250 LEFT FORK HOLLY RIVER NEAR REPLETE, WV

LOCATION.--Lat 38°41'19", long 80°25'57", Webster County, Hydrologic Unit 05050007, on left bank at Poling, 100 ft downstream from Potts Run, 1.8 mi southeast of Replete, and at mile 12.3.

DRAINAGE AREA.--46.5 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--March 1974 to September 1978. October 1978 to September 1982 (gage heights, occasional discharge measurements, and annual maximum discharge only).

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
SEP 1973							
12...	1205	13	41	6.80	--	19.0	--
OCT							
18...	1030	18	32	6.60	--	10.5	10.6
NOV							
27...	1300	180	33	6.70	--	12.5	--
FEB 1974							
26...	1400	139	36	6.30	--	4.5	10.9
MAR							
05...	1830	183	--	--	10.5	9.0	--
18...	1600	175	30	6.10	--	4.0	12.8
APR							
16...	1205	104	--	6.40	12.0	9.0	--
MAY							
20...	1620	46	34	6.50	28.0	20.0	--
JUN							
03...	1220	603	--	--	24.0	13.0	--
20...	1530	47	47	6.60	26.0	20.5	--
JUL							
09...	0930	22	50	7.50	--	21.5	--
18...	1410	9.4	42	6.80	29.5	23.0	--
AUG							
21...	1445	43	39	6.50	23.0	19.5	--
SEP							
18...	1435	53	35	6.50	25.5	16.0	--
OCT							
10...	1205	5.6	46	5.50	11.0	9.0	--
NOV							
13...	1215	87	35	6.50	6.0	4.5	--
DEC							
12...	1700	163	40	6.00	4.0	3.0	--
JAN 1975							
09...	1256	96	44	6.40	5.0	6.0	--
FEB							
06...	1925	966	34	6.00	3.0	5.5	--
MAR							
13...	1538	572	34	6.20	6.5	6.0	--
APR							
15...	0835	56	<50	--	5.5	6.5	--
JUN							
16...	1245	47	<50	--	--	19.0	--
JUL							
21...	1300	19	<50	--	29.0	23.0	--
AUG							
25...	1130	9.5	<50	6.70	26.0	23.0	--

## KANAWHA RIVER BASIN

03195500 ELK RIVER AT SUTTON, WV

LOCATION.--Lat 38°39'47", long 80°42'35", Braxton County, Hydrologic Unit 05050007, on left bank 150 ft upstream from highway bridge at Sutton, 0.5 mi upstream from Granny Creek, 0.9 mi downstream from Sutton Dam, 2.5 mi downstream from Wolf Creek, and at mile 102.1.

DRAINAGE AREA.--542 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1938 to current year. Monthly discharge only October 1938 to February 1939, published in WSP 1305.

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1945					APR 1951				
22...	1645	527	28.0	25.5	18...	1530	1270	26.0	15.5
AUG					AUG				
10...	1455	268	27.5	25.5	27...	1345	23	21.5	24.0
SEP					SEP				
14...	1600	65	26.5	23.0	27...	1635	36	25.0	22.0
OCT					SEP 1954				
13...	1510	291	14.5	13.0	05...	1455	620	--	23.0
APR 1946					NOV				
12...	1615	405	12.0	11.0	16...	1500	501	12.0	9.0
JUN					JUL 1955				
07...	1530	458	28.5	24.0	14...	0920	174	21.5	25.0
SEP					OCT				
14...	1400	18	28.0	22.0	10...	1630	81	26.5	20.0
OCT					NOV				
13...	1530	18	--	15.5	15...	0725	274	17.0	11.5
NOV					JAN 1956				
08...	1745	41	12.0	12.0	12...	1015	207	1.5	0.0
21...	1420	195	19.0	8.0	JUN				
DEC					01...	1715	18300	31.0	15.5
19...	1420	277	1.0	5.5	14...	1045	199	31.5	25.0
JAN 1947					AUG				
18...	1105	3500	7.0	6.5	17...	1535	559	29.5	25.0
MAY					OCT				
22...	1215	1220	25.5	19.0	12...	1330	292	21.5	13.0
JUN					DEC 1957				
06...	0900	358	23.5	20.5	16...	1345	711	--	4.0
JUL					JUN 1958				
17...	0950	251	24.0	24.0	09...	1205	145	26.5	24.5
AUG					SEP				
27...	1600	992	31.5	28.5	19...	1400	115	--	21.5
SEP					OCT				
26...	1530	85	23.0	19.5	23...	1535	56	--	16.5
OCT					NOV				
25...	0910	24	17.0	16.0	29...	1550	557	--	1.0
SEP 1948					JUN 1959				
13...	1815	398	22.0	21.5	11...	1520	255	--	26.5
OCT					AUG				
08...	1620	188	15.5	16.5	12...	1740	245	--	25.5
APR 1949					JUN 1960				
29...	1145	1520	24.5	14.5	02...	0950	289	--	18.5
MAY					28...	1340	171	--	25.5
19...	1215	211	26.5	21.0	AUG				
SEP					02...	1650	106	--	28.0
19...	1330	134	26.5	23.0	SEP				
NOV					28...	1545	191	--	21.0
14...	1635	546	15.0	10.0	NOV				
JAN 1950					01...	1425	264	16.0	13.5
23...	1300	1320	13.5	6.5	DEC				
MAR					01...	1300	613	25.0	6.5
31...	1645	1630	11.0	6.5	28...	1300	1050	4.5	1.0
AUG					JAN 1961				
04...	0920	421	16.5	21.5	30...	1545	392	--	1.0
SEP					MAY				
09...	1310	383	15.5	18.0	30...	1340	178	23.5	15.0
OCT					JUN				
19...	1125	341	25.5	15.5	27...	0900	269	--	16.0
JAN 1951					AUG				
02...	1510	681	14.0	1.0	28...	1625	315	21.0	25.5
MAR					SEP				
12...	1515	1000	22.0	9.0	25...	1600	412	29.0	21.0

KANAWHA RIVER BASIN  
03195500 ELK RIVER AT SUTTON, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
NOV 1961				
01...	0900	6670	20.0	12.0
JAN 1962				
01...	1445	694	--	1.0
30...	1240	1620	--	4.0
MAY				
01...	1450	637	--	10.0
31...	1415	523	--	11.0
DEC				
05...	1420	423	--	3.5
JAN 1963				
30...	1035	286	--	0.5
FEB				
26...	1345	791	--	0.5
JUN				
25...	0925	110	--	16.0
JUL				
30...	0915	147	--	19.0
AUG				
26...	1540	233	--	21.0
OCT				
01...	1040	464	--	21.0
29...	0840	430	--	18.5
JUN 1964				
02...	0935	70	--	14.0
29...	1025	72	--	13.0
JUL				
28...	0900	73	--	14.0
DEC				
30...	1330	1500	--	6.0
JUN 1965				
14...	1225	74	--	13.0
JUL				
20...	0845	116	--	14.0
AUG				
11...	1050	77	--	16.0
SEP				
14...	1025	75	--	16.5
OCT				
11...	1220	820	--	19.5
NOV				
08...	1110	547	--	14.0
DEC				
09...	1110	95	--	4.0
JAN 1966				
10...	1115	829	--	4.0
FEB				
07...	1335	345	--	1.0
MAR				
10...	1110	769	--	3.5
APR				
11...	1120	121	--	7.0
JUN				
02...	0950	390	--	13.0
JUL				
07...	1030	181	--	13.5
AUG				
03...	1000	88	--	16.0
SEP				
15...	1010	475	--	19.5
NOV				
22...	1110	630	--	8.0
FEB 1967				
02...	1055	1330	--	2.0

KANAWHA RIVER BASIN  
03195500 ELK RIVER AT SUTTON, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
JUN 1967							
22...	1345	290	--	--	--	14.5	--
AUG							
04...	0945	153	--	--	--	15.5	--
SEP							
06...	1020	59	--	--	--	15.0	--
NOV							
29...	1145	1340	--	--	--	6.5	--
MAR 1968							
26...	1115	2100	--	--	19.5	5.0	--
AUG							
02...	1110	75	--	--	26.5	16.0	--
SEP							
23...	1200	71	--	--	26.5	21.5	--
24...	1300	441	--	--	28.5	21.0	--
25...	1000	1040	--	--	26.5	22.0	--
OCT							
02...	1120	452	--	--	--	19.5	--
NOV							
15...	1040	809	--	--	13.0	8.5	--
DEC							
17...	1150	1490	--	--	3.5	0.5	--
MAR 1969							
21...	1115	3060	--	--	8.5	6.0	--
APR							
25...	1145	3900	--	--	--	9.0	--
JUN							
13...	1105	93	--	--	--	14.0	--
OCT							
14...	1230	594	72	7.60	--	18.0	--
JAN 1970							
14...	1210	393	75	7.20	-11.0	0.0	--
APR							
08...	1045	1300	42	7.50	18.0	7.0	--
MAY							
27...	1130	128	50	7.40	--	13.5	--
JUL							
07...	1100	362	56	7.20	21.0	17.0	--
AUG							
19...	1110	83	54	7.30	26.0	20.0	--
OCT							
02...	1140	485	57	7.40	17.0	17.5	--
FEB 1971							
23...	1140	4670	44	7.30	7.5	3.0	--
APR							
02...	1140	148	65	7.00	6.0	6.0	--
JUN							
11...	1100	0.32	250	7.90	21.0	20.0	9.0
30...	1200	266	--	--	33.5	16.0	9.4
OCT							
05...	1135	2030	--	--	24.0	19.0	--
NOV							
15...	1140	659	--	--	16.0	10.0	--
DEC							
08...	1140	2630	--	--	13.0	8.5	--
FEB 1972							
08...	1240	788	--	--	-3.0	1.0	--
MAY							
16...	1130	2880	--	--	--	12.5	--
JUN							
13...	1120	108	--	--	20.0	14.0	--
JUL							
18...	1200	315	--	--	--	16.5	--
SEP							
16...	1045	496	--	--	20.0	19.0	--

KANAWHA RIVER BASIN  
03195500 ELK RIVER AT SUTTON, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
NOV 1972							
08...	1135	2280	--	--	10.0	9.0	--
DEC							
07...	1200	5780	--	--	4.0	8.0	--
JAN 1973							
10...	1125	606	74	--	-7.0	1.0	11.0
FEB							
02...	1120	1310	44	--	7.0	4.0	--
APR							
04...	1140	695	--	--	9.0	11.0	--
MAY							
11...	1100	2920	43	7.20	25.0	12.0	--
JUN							
07...	1230	1270	45	7.50	25.0	19.0	--
JUL							
11...	1130	215	65	7.80	24.0	23.0	--
SEP							
12...	1620	344	48	6.80	--	21.5	--
OCT							
19...	0900	558	59	7.00	--	18.0	--
31...	1435	4090	--	--	--	17.5	--
NOV							
29...	1310	5160	44	6.20	--	11.0	9.8
30...	1245	6310	--	--	15.0	10.0	--
JAN 1974							
03...	1215	3360	--	--	5.0	4.0	--
22...	1530	1180	49	6.60	--	9.5	9.8
28...	1410	2290	--	--	9.0	5.0	--
FEB							
26...	1400	1750	48	6.70	--	--	--
MAR							
18...	1300	1770	48	6.80	--	5.0	--
APR							
11...	1120	103	60	6.40	11.0	8.5	--
MAY							
20...	1220	467	52	6.30	23.0	14.0	--
JUN							
20...	1150	471	48	6.70	25.0	17.0	--
JUL							
09...	1300	255	50	6.90	--	19.0	--
AUG							
21...	1200	116	60	6.80	26.0	20.0	--
SEP							
18...	1100	186	60	6.80	22.0	--	--
DEC							
04...	1255	1000	53	6.50	-0.5	3.0	--
JAN 1975							
09...	1430	978	56	6.60	9.5	4.0	--
FEB							
20...	1610	1600	56	7.00	--	6.5	--
APR							
15...	1255	118	<50	--	9.0	6.0	--
21...	1100	1840	--	--	20.0	10.5	--
MAY							
13...	1500	939	<50	--	19.0	14.0	--
JUN							
17...	1245	821	--	--	32.0	17.0	--
JUL							
21...	1645	608	68	7.00	30.0	21.5	--

## KANAWHA RIVER BASIN

03195600 GRANNY CREEK AT SUTTON, WV

LOCATION.--Lat 38°40'36", long 80°42'47", Braxton County, Hydrologic Unit  
05050007, on right bank 10 ft upstream from culvert on U.S. Highway 19, 0.7 mi  
upstream from mouth, and 1.0 mi northwest of Sutton.

DRAINAGE AREA.--6.98 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--Annual maximum, water years 1966-67. June 1967 to  
September 1977.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
AUG 1967							
04...	1120	0.39	--	--	--	25.0	--
SEP							
06...	1145	0.06	--	--	--	20.5	--
NOV							
29...	1320	2.2	--	--	--	1.5	--
DEC 1968							
19...	1230	7.9	--	--	--	0.5	--
JUL 1969							
28...	--	12	128	--	--	--	--
FEB 1970							
18...	1200	15	90	7.20	--	4.0	--
APR							
08...	1140	9.8	85	7.40	20.0	9.0	--
AUG							
19...	1230	0.25	280	7.40	28.0	25.0	--
FEB 1971							
23...	1250	18	95	7.20	0.0	3.0	--
MAR							
15...	1245	7.1	115	7.20	8.0	5.0	--
APR							
23...	1050	1.1	--	7.70	23.0	15.0	--
MAY							
18...	1145	3.9	120	7.50	27.0	14.0	11.0
DEC							
08...	1300	20	--	--	12.0	8.0	--
JAN 1972							
12...	1250	29	--	--	--	6.0	--
FEB							
08...	1140	18	--	--	-7.0	0.5	--
APR							
21...	1215	7.8	--	--	21.0	12.0	--
JUN							
13...	1315	0.24	--	--	22.0	--	--
DEC							
07...	1320	22	--	--	6.0	5.0	--
JAN 1973							
10...	1225	4.2	130	--	-7.0	0.0	--
FEB							
02...	1300	21	128	--	7.0	3.0	--
MAR							
07...	1210	6.2	145	--	14.0	10.0	--
APR							
04...	1235	46	--	--	6.0	10.0	--
MAY							
11...	1240	8.8	82	7.40	25.0	13.0	--
JUN							
07...	1330	2.3	105	7.30	26.0	20.0	--
JUL							
11...	1220	0.53	112	7.40	25.0	24.0	--
AUG							
16...	1155	21	--	--	26.0	22.0	--
OCT							
15...	1500	0.63	260	8.10	--	19.0	--
31...	1135	26	--	--	12.0	11.0	--
NOV							
07...	1220	0.53	112	7.40	25.0	24.0	--



KANAWHA RIVER BASIN  
03195600 GRANNY CREEK AT SUTTON, WV--Continued  
WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
JAN 1974							
03...	1330	56	--	--	7.0	5.0	--
29...	1105	7.8	--	--	9.0	6.0	--
MAR							
20...	0900	3.6	100	6.90	--	5.0	12.2
APR							
11...	1245	13	118	7.00	25.0	12.0	--
MAY							
20...	1410	2.0	170	8.00	27.0	25.0	--
JUN							
20...	1245	2.4	200	7.60	25.0	22.0	--
JUL							
10...	1710	0.62	300	8.60	--	27.0	--
18...	1105	0.36	300	8.00	26.0	23.0	--
AUG							
21...	1250	0.62	280	8.00	25.0	23.0	--
SEP							
18...	1135	0.77	240	8.00	21.5	19.0	--
NOV							
04...	1145	0.42	300	8.00	18.0	15.0	--
DEC							
04...	1415	11	130	6.80	6.0	5.0	--
JAN 1975							
09...	1650	5.2	170	7.00	4.0	8.0	--
MAR							
13...	1116	28	110	7.00	7.0	7.0	--
APR							
14...	1645	1.8	175	--	14.5	11.0	--
MAY							
13...	1635	2.8	--	--	19.0	18.0	--
JUN							
17...	1000	17	<50	--	27.0	18.0	--
JUL							
22...	0800	0.80	340	6.80	23.0	24.0	--
AUG							
25...	1410	0.14	400	7.10	31.0	27.0	--
SEP							
23...	1430	15	--	--	18.0	17.0	--

## KANAWHA RIVER BASIN

03196500 BIRCH RIVER AT HEROLD, WV

LOCATION.--Lat 38°34'29", long 80°48'04", Braxton County, Hydrologic Unit 05050007, on left bank at downstream side of bridge on County Route 40, 100 ft downstream from Long Run, 0.8 mi northeast of Herold and at mile 11.5.

DRAINAGE AREA.--124 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1929 to December 1931 (gage heights only).  
Water years 1930-31, 1939, 1941, 1960-61, 1964, and 1967 (occasional low-flow measurements only). January 1974 to September 1975 and October 1978 to September 1984.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
JAN 1974							
24...	1040	111	70	6.90	--	8.0	9.3
FEB							
28...	1340	718	50	6.70	--	4.0	11.5
MAR							
01...	1325	244	80	--	10.0	5.0	--
20...	1515	710	41	6.30	--	8.5	--
27...	1230	173	90	--	16.0	6.0	--
MAY							
02...	1135	85	100	--	13.0	15.0	--
JUL							
08...	1320	48	70	--	30.0	24.0	--
09...	1610	34	70	6.80	--	26.0	--
AUG							
05...	1215	20	--	--	24.0	23.0	--
OCT							
09...	1120	6.0	--	--	15.0	9.0	--
DEC							
05...	1315	190	--	--	7.0	1.0	--
JAN 1975							
23...	1110	323	--	--	0.5	2.0	--
FEB							
10...	1530	297	--	--	--	0.5	--
MAR							
10...	1530	348	--	--	4.0	2.0	--
13...	1435	959	--	--	--	7.0	--
APR							
14...	1455	87	80	--	15.5	7.5	--
MAY							
12...	1545	168	75	--	21.5	15.0	--
JUN							
18...	1300	61	55	--	25.0	21.0	--
JUL							
22...	0920	20	140	6.90	26.0	24.0	--
AUG							
26...	1145	12	145	6.90	28.0	25.0	--

## KANAWHA RIVER BASIN

03196600 ELK RIVER NEAR FRAMETOWN, WV

LOCATION.--Lat 38°35'32", long 80°53'05", Braxton County, Hydrologic Unit 05050007, on right bank opposite mouth of Birch River, at village of Glendon, 2.2 mi upstream from Strange Creek, 3.2 mi southwest of Frametown and at mile 82.6. Records include flow of Birch River.

DRAINAGE AREA.--751 mi<sup>2</sup>, includes that of Birch River.

PERIOD OF STREAMFLOW RECORD.--October 1958 to September 1981, October 1981 to current year (gage heights and annual maximum discharge only).

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1958					DEC 1964				
24...	1150	68	--	16.5	01...	1120	268	--	5.0
NOV					FEB 1965				
21...	1500	358	20.0	10.0	04...	1520	511	--	1.0
DEC					JUL				
03...	1710	739	4.5	1.5	19...	1120	665	--	17.0
18...	1520	328	2.5	0.5	AUG				
JUN 1959					11...	1425	76	--	23.0
12...	0835	300	--	24.5	SEP				
AUG					14...	1420	73	--	24.5
12...	1515	311	--	25.5	OCT				
FEB 1960					11...	1510	871	--	18.0
04...	1200	922	13.5	2.0	NOV				
JUN					08...	1435	608	--	13.5
28...	1730	202	--	25.5	DEC				
AUG					09...	1435	162	--	4.5
03...	1050	128	--	27.0	MAR 1966				
30...	1410	76	--	27.0	10...	1430	901	--	4.0
SEP					APR				
29...	1010	226	--	19.5	11...	1350	243	--	7.0
NOV					JUL				
01...	1620	393	--	11.5	07...	1340	178	--	16.5
29...	1600	284	--	8.0	AUG				
JAN 1961					03...	1245	108	29.5	23.0
31...	1200	498	-9.5	0.5	SEP				
MAY					15...	1250	557	--	20.0
02...	1705	5100	--	9.5	NOV				
31...	1730	227	22.0	16.5	22...	1345	682	--	6.0
JUN					DEC				
27...	1030	345	--	17.0	27...	1235	830	--	0.5
AUG					MAR 1967				
29...	1130	373	25.5	24.5	18...	1125	10300	--	8.0
SEP					JUN				
26...	0830	396	14.5	22.0	16...	1220	111	--	25.5
NOV					AUG				
01...	1400	7490	16.5	13.0	04...	1315	161	--	23.0
MAY 1962					SEP				
02...	0945	773	--	13.5	06...	1415	61	--	20.0
JUN					OCT				
28...	1310	362	--	21.5	18...	1030	839	11.0	9.0
DEC					MAR 1968				
05...	1200	464	5.5	3.5	07...	1415	1210	11.0	2.0
JAN 1963					26...	1330	2930	20.0	5.5
30...	1325	392	--	0.5	MAY				
MAY					06...	1400	815	--	10.5
29...	1150	160	--	19.0	JUN				
JUN					19...	1045	226	--	19.0
21...	1140	186	--	21.5	OCT				
JUL					02...	1330	513	--	19.5
30...	1150	189	--	22.5	NOV				
AUG					20...	1015	5480	1.0	8.0
27...	1200	232	--	22.0	DEC				
OCT					17...	1430	1440	--	1.0
01...	1400	467	--	19.0	JAN 1969				
JAN 1964					29...	1405	2700	--	3.0
28...	1445	2010	--	3.5	MAR				
JUN					14...	1030	810	-1.0	3.0
02...	1145	94	--	19.0	APR				
29...	1310	78	--	21.0	22...	1050	639	--	12.0
JUL					JUN				
28...	1145	74	--	23.5	13...	1330	152	29.5	22.0

## KANAWHA RIVER BASIN

03196600 ELK RIVER NEAR FRAMETOWN, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1969						
28...	1400	736	56	--	27.0	24.0
OCT						
14...	1500	686	66	8.30	--	18.5
JAN 1970						
14...	1510	639	70	7.20	0.0	0.0
FEB						
18...	1445	8500	46	7.30	--	4.0
APR						
08...	1350	1860	46	7.30	25.0	9.0
MAY						
27...	1345	164	55	7.20	--	23.0
JUL						
07...	1400	592	60	7.40	24.0	20.0
AUG						
19...	1425	108	65	7.30	28.0	27.0
JAN 1971						
05...	1445	7880	44	7.30	--	1.0
FEB						
23...	--	5030	--	7.10	0.0	3.0
AUG						
24...	1100	342	--	--	--	22.0
OCT						
12...	1215	756	--	--	20.0	17.0
NOV						
16...	1110	742	--	--	16.0	10.0
DEC						
09...	1300	5390	--	--	--	9.0
JAN 1972						
11...	1130	6650	--	--	18.0	5.0
FEB						
09...	1130	1170	--	--	-4.0	1.0
MAR						
22...	1350	1340	--	--	14.0	9.0
APR						
20...	1100	2540	--	--	20.0	10.0
MAY						
16...	1530	4160	--	--	--	12.5
JUN						
12...	1220	159	--	--	22.0	19.0
AUG						
17...	1220	418	--	--	--	20.0
OCT						
12...	1345	1820	--	--	18.0	14.0
NOV						
08...	1435	3380	--	--	10.0	9.0
DEC						
07...	1510	7180	--	--	6.0	7.0
JAN 1973						
10...	1415	770	63	--	-2.0	1.0
MAR						
07...	0955	2660	65	--	12.0	10.0
JUN						
07...	0950	1530	68	7.30	24.0	19.0
OCT						
30...	1430	1990	--	--	17.0	15.0
JAN 1974						
04...	1100	6490	--	--	5.0	4.0
29...	1035	2750	--	--	5.5	2.0
APR						
02...	1130	947	--	--	17.0	10.0
JUN						
05...	0835	8490	--	--	--	13.5
AUG						
05...	1040	159	--	--	25.0	22.0

# KANAWHA RIVER BASIN

03196600 ELK RIVER NEAR FRAMETOWN, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
DCT 1974						
09...	1400	325	--	--	18.0	13.0
FEB 1975						
10...	1335	2680	--	--	1.0	1.0
MAR						
11...	1025	3260	--	--	5.0	2.0
MAY						
13...	1305	1090	<50	--	20.0	13.0
JUL						
22...	1045	590	90	6.80	26.0	23.0
AUG						
26...	1305	245	100	7.10	29.0	26.0

## KANAWHA RIVER BASIN

03196750 BUFFALO CREEK AT CLAY, WV

LOCATION.--Lat 38°27'16", long 81°04'22", Clay County, on right bank at downstream side of highway bridge, 0.7 mi upstream from mouth, and 1.0 mi southeast of Clay.

DRAINAGE AREA.--114 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--February 1974 to September 1975.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
OCT 1973							
19...	1300	8.0	204	4.90	--	10.5	11.2
DEC							
03...	1415	231	--	--	--	--	--
JAN 1974							
24...	1400	11	101	5.60	--	9.0	8.9
FEB							
26...	1100	219	100	--	1.0	0.0	--
MAR							
01...	1400	324	87	5.20	--	3.5	10.6
25...	1330	228	180	--	14.0	4.0	--
26...	1730	205	86	5.30	--	7.5	11.5
APR							
29...	1215	85	150	--	24.0	18.0	--
JUL							
09...	1130	50	165	--	26.0	25.0	--
10...	1015	47	80	4.30	--	23.5	7.3
29...	1130	50	165	--	26.0	25.0	--
SEP							
13...	1000	47	--	--	21.0	19.5	--
OCT							
10...	1210	13	--	--	15.5	9.0	--
DEC							
04...	1145	224	--	--	-1.5	3.0	--
JAN 1975							
15...	1040	109	--	--	-2.0	0.0	--
21...	1035	599	--	--	-2.5	0.0	--
FEB							
10...	1100	244	--	--	-5.0	0.0	--
MAR							
13...	1150	725	--	--	--	6.0	--
14...	1030	790	--	--	--	6.0	--
APR							
14...	1040	78	--	--	11.5	6.5	--
MAY							
13...	0840	147	<50	--	16.0	14.0	--
JUN							
19...	1240	77	<50	--	27.0	16.0	--
JUL							
22...	1225	20	240	4.80	30.0	26.0	--
AUG							
26...	1435	9.7	320	3.80	29.0	30.0	--

## KANAWHA RIVER BASIN

03196800 ELK RIVER AT CLAY, WV

LOCATION.--Lat 38°27'38", long 81°05'16", Clay County, Hydrologic Unit 05050007, on right bank at downstream side of pier of highway bridge at Clay, 0.9 mi downstream from Buffalo Creek, 2.1 mi downstream from Lower Two Run Creek, and at mile 53.7.

DRAINAGE AREA.--992 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1958 to September 1978, October 1978 to current year (gage heights, occasional discharge measurements, and annual maximum discharge only). Gage-height records collected at same site since 1915 are contained in reports of National Weather Service.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1958				
24...	1530	78	--	15.5
NOV				
21...	1220	375	11.5	9.0
DEC				
05...	1100	1380	5.5	4.0
JUN 1959				
12...	1305	351	--	27.0
AUG				
12...	1130	425	--	25.5
JUN 1960				
29...	1045	320	--	26.0
AUG				
03...	1415	189	--	29.5
30...	1045	112	--	28.0
SEP				
29...	1300	230	--	20.0
NOV				
02...	1220	424	--	13.0
29...	1335	287	4.5	9.0
JAN 1961				
31...	1525	704	0.0	1.0
MAY				
03...	1030	5510	18.5	9.0
JUN				
27...	1330	434	--	20.0
AUG				
29...	1300	369	28.0	26.0
SEP				
26...	1100	413	15.0	22.0
NOV				
02...	1230	4890	19.5	12.0
MAY 1962				
02...	1315	887	--	16.0
JUN				
28...	0950	445	--	23.5
JUL 1963				
30...	1355	210	--	25.5
AUG				
28...	0955	242	--	23.0
OCT				
02...	0950	418	--	16.5
29...	1450	413	--	15.0
NOV				
29...	1140	731	--	9.0
FEB 1964				
26...	1030	1430	--	1.5
JUN				
30...	0845	96	--	26.0
OCT				
27...	1230	330	20.0	11.5
JUL 1965				
19...	1435	660	--	23.0
AUG				
10...	0915	82	--	23.0

KANAWHA RIVER BASIN  
03196800 ELK RIVER AT CLAY, WV--Continued  
WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
SEP 1965							
13...	0905	101	--	--	--	23.5	--
OCT							
12...	1030	775	--	--	--	16.5	--
NOV							
19...	1025	517	--	--	--	13.0	--
DEC							
07...	1040	180	--	--	-1.0	2.0	--
JUN 1966							
01...	1015	402	--	--	--	18.5	--
JUL							
05...	1010	209	--	--	--	26.0	--
AUG							
04...	0855	112	--	--	--	22.0	--
JUN 1967							
13...	1055	152	--	--	32.0	27.5	--
SEP							
05...	0945	72	--	--	--	19.0	--
NOV							
28...	1115	1350	--	--	--	5.0	--
MAR 1968							
06...	1040	522	--	--	6.0	1.5	--
27...	1035	3310	--	--	18.5	6.0	--
MAY							
02...	1115	782	--	--	20.0	13.0	--
JUN							
18...	1020	270	--	--	22.0	19.0	--
JUL							
30...	0950	220	--	--	--	25.0	--
OCT							
01...	1010	435	--	--	--	19.5	--
NOV							
20...	1435	6170	--	--	--	8.0	--
JAN 1969							
27...	1200	1560	--	--	--	3.0	--
MAR							
10...	1130	886	--	--	1.0	3.0	--
APR							
22...	1310	1080	--	--	--	13.5	--
JUN							
11...	1100	238	--	--	26.5	21.0	--
JUL							
25...	1040	180	75	--	26.0	25.5	--
OCT							
07...	1050	539	75	8.10	--	18.0	--
NOV							
18...	1015	1060	--	--	16.0	7.5	--
JAN 1970							
15...	1020	575	85	7.30	-10.0	0.0	--
FEB							
19...	1100	7310	50	7.20	0.0	4.5	--
JUN							
03...	1000	135	58	7.40	--	24.0	--
29...	1040	652	65	7.20	--	20.5	--
AUG							
17...	1130	87	60	7.30	27.0	26.0	--
SEP							
29...	1035	2440	78	7.20	8.0	18.0	--
FEB 1971							
08...	--	5880	40	7.20	6.0	3.0	--
MAR							
31...	--	2680	60	7.00	5.0	7.0	--
MAY							
17...	--	2470	50	7.20	35.0	13.5	10.0



KANAWHA RIVER BASIN  
03196800 ELK RIVER AT CLAY, WV--Continued  
WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
DCT 1971							
13...	1010	720	--	--	20.0	16.0	--
NOV							
16...	1310	723	--	--	17.0	10.0	--
JAN 1972							
11...	1410	8460	--	--	18.0	6.0	--
MAR							
21...	1100	2110	--	--	20.0	9.0	--
MAY							
15...	1030	1980	--	--	--	15.0	--
JUN							
12...	1420	168	--	--	22.0	19.0	--
JUL							
14...	1005	559	--	--	--	21.0	--
SEP							
07...	1040	569	--	--	18.0	21.0	--
OCT							
13...	1010	2370	--	--	18.0	13.0	--
NOV							
09...	1345	7960	--	--	12.0	9.0	--
FEB 1973							
01...	1000	2220	--	--	4.0	2.0	--
APR							
03...	1130	759	--	--	12.0	10.0	--
MAY							
10...	1050	8280	50	6.50	22.0	13.0	--
JUN							
06...	1115	1870	80	7.30	24.0	19.0	--
JUL							
05...	1150	1860	70	7.30	27.0	24.0	--
OCT							
30...	1220	3480	--	--	11.0	9.0	--
JAN 1974							
02...	1435	6280	--	--	6.0	4.0	--
29...	1410	3310	--	--	11.0	7.0	--
MAY							
01...	1130	290	50	--	18.0	19.0	--
JUL							
09...	1400	669	80	--	29.0	25.0	--
12...	1100	474	120	7.30	--	21.0	8.0
OCT							
10...	1445	346	--	--	29.0	14.5	--
11...	1345	338	50	7.40	--	14.5	--
25...	1230	1570	--	--	21.0	13.0	--
DEC							
04...	1425	2100	--	--	-1.5	3.0	--
FEB 1975							
11...	0950	2800	--	--	--	1.5	--
APR							
16...	0910	379	78	--	8.5	8.0	--
MAY							
13...	1040	1650	70	--	15.0	15.0	--
JUN							
19...	1050	948	75	--	27.0	17.0	--
JUL							
22...	1345	523	100	6.70	30.0	27.0	--
AUG							
26...	1605	315	120	7.40	30.0	29.0	--

## KANAWHA RIVER BASIN

03197000 ELK RIVER AT QUEEN SHOALS, WV

LOCATION.--Lat 38°28'15", long 81°17'03", Kanawha County, Hydrologic Unit 05050007, on right bank 50 ft upstream from Queen Shoals Creek, 100 ft downstream from highway bridge at Queen Shoals, 4.0 mi upstream from Big Sandy Creek, and at mile 26.2. Records include flow of Queen Shoals Creek.

DRAINAGE AREA.--1,145 mi<sup>2</sup>, includes that of Queen Shoals Creek.

PERIOD OF STREAMFLOW RECORD.--October 1928 to current year. Monthly discharge only October, November 1928, published in WSP 1305.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					JUN 1951				
02...	1130	231	20.0	29.0	29...	1300	381	30.0	29.0
AUG					AUG				
03...	1000	4420	28.0	23.5	31...	1200	83	29.5	26.5
SEP					OCT				
04...	1215	134	28.5	25.5	01...	1115	43	23.5	21.0
OCT					26...	1315	22	25.5	17.0
01...	1200	295	29.5	24.5	NOV				
NOV					30...	1200	1200	13.0	5.5
02...	1115	133	19.0	13.5	FEB 1952				
JUN 1946					01...	1140	3120	15.5	3.0
03...	1430	1300	20.5	19.5	29...	1200	734	7.5	4.0
JUL					APR				
01...	1310	470	25.0	26.5	01...	1115	1090	9.0	17.0
AUG					JUN				
01...	1120	70	22.0	26.0	02...	1210	964	28.0	21.0
SEP					JUL				
03...	1135	30	23.5	21.5	01...	0930	321	30.0	26.5
NOV					NOV				
02...	1645	159	25.0	17.0	06...	1030	14	11.0	5.0
DEC					DEC				
02...	1150	400	22.0	5.5	01...	1115	109	1.5	6.0
APR 1947					31...	1105	342	5.0	3.5
01...	1115	3180	14.5	6.5	JUN 1953				
MAY					01...	1100	394	25.5	21.0
01...	1235	931	25.5	16.5	JUL				
JUL					01...	0900	230	32.0	29.0
01...	1145	166	25.5	26.5	31...	0915	82	29.5	28.0
AUG					NOV				
14...	1030	706	23.5	25.5	02...	1050	60	17.0	14.0
OCT					DEC				
01...	1430	104	26.5	19.0	31...	1330	324	4.5	1.5
AUG 1948					JUN 1954				
02...	1335	625	29.5	26.0	01...	1220	551	30.0	24.0
SEP					AUG				
01...	1545	206	26.0	28.5	02...	1330	336	25.5	24.5
OCT					MAR 1955				
02...	1615	205	21.0	21.0	31...	0900	1310	5.5	5.5
MAY 1949					MAY				
02...	1130	2060	24.0	16.5	02...	0845	1740	24.0	14.5
JUN					JUN				
01...	1240	720	26.5	20.0	01...	0915	275	24.5	23.0
30...	1225	1740	28.0	25.0	JUL				
AUG					01...	0940	206	28.5	26.5
01...	1230	278	29.0	28.5	SEP				
OCT					01...	1030	98	23.5	26.0
03...	1000	898	24.5	16.0	16...	1230	21	31.0	25.5
DEC					NOV				
01...	1205	3980	11.5	6.5	01...	1030	146	21.0	13.0
MAR 1950					14...	0920	115	24.0	13.5
01...	1230	1800	9.0	2.5	30...	1030	398	-0.5	3.0
MAY					DEC				
01...	1310	2020	18.0	16.5	30...	1020	570	3.5	0.0
JUN					APR 1956				
01...	1215	2030	26.0	19.0	02...	1120	2820	16.5	8.0
NOV					MAY				
01...	0900	1320	18.5	15.5	01...	0830	1360	18.0	15.5
JAN 1951					JUL				
02...	1405	1040	6.5	0.5	02...	1000	573	30.5	25.5
FEB					AUG				
02...	1500	22700	20.0	4.0	01...	1120	2040	30.0	20.5

KANAWHA RIVER BASIN  
03197000 ELK RIVER AT QUEEN SHOALS, WV--Continued  
WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1956				
01...	1000	655	--	18.0
MAY 1957				
13...	1255	336	31.0	23.0
JUL				
31...	1240	122	30.5	28.0
AUG				
27...	0900	26	26.5	24.5
DEC				
02...	1030	568	10.5	7.0
FEB 1958				
28...	0830	9430	8.5	6.0
MAR				
05...	1420	2430	10.0	4.5
JUN				
02...	1135	502	19.0	21.0
JUL				
01...	1000	287	25.5	25.0
SEP				
02...	1035	484	--	22.0
OCT				
01...	1145	203	--	19.5
31...	1315	448	25.5	13.0
DEC				
31...	1150	753	3.0	1.5
JUL 1959				
01...	1100	358	--	30.5
31...	1130	248	24.5	28.0
OCT				
01...	1025	16	20.0	23.0
NOV				
02...	1050	596	--	13.0
FEB 1960				
29...	1100	3460	-1.0	3.0
JUN				
29...	1500	305	--	26.5
AUG				
04...	1025	252	--	28.5
29...	1525	201	--	29.0
SEP				
29...	1620	245	--	21.0
NOV				
02...	1530	448	15.5	13.0
29...	1110	293	10.5	9.5
MAY 1961				
03...	1315	6150	18.5	10.5
31...	1500	388	25.5	18.5
JUN				
27...	1600	511	26.5	20.5
AUG				
29...	1630	409	28.5	26.0
SEP				
26...	1330	449	16.5	23.5
NOV				
02...	1400	5200	24.0	13.5
AUG 1962				
27...	1600	148	32.0	28.0
MAY 1963				
27...	1400	283	--	19.5
JUL				
31...	0810	219	--	26.0
AUG				
27...	1455	252	--	25.0

## KANAWHA RIVER BASIN

03197000 ELK RIVER AT QUEEN SHOALS, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1963						
02...	1445	421	--	--	--	19.0
30...	1050	415	--	--	--	15.5
JUN 1964						
03...	1040	144	--	--	--	19.0
30...	1210	122	--	--	--	26.5
JUL						
29...	0830	81	--	--	--	29.0
FEB 1965						
01...	1510	1130	--	--	--	2.5
JUL						
20...	1540	606	--	--	--	25.0
AUG						
10...	1210	72	--	--	--	25.0
18...	1510	78	--	--	--	28.0
SEP						
13...	1430	127	--	--	--	24.5
OCT						
12...	1630	848	--	--	--	16.0
NOV						
19...	1545	600	--	--	--	13.0
DEC						
07...	1515	199	--	--	--	4.0
MAR 1966						
07...	1450	2950	--	--	--	1.5
JUN						
01...	1400	417	--	--	--	20.0
JUL						
05...	1405	205	--	--	--	29.0
AUG						
04...	1410	123	--	--	--	25.0
OCT						
13...	1310	1290	--	--	--	14.5
JUN 1967						
20...	1205	143	75	6.20	--	28.0
JUL						
31...	1350	271	--	--	--	25.5
SEP						
05...	1315	81	--	--	--	21.0
MAR 1968						
05...	1400	404	--	--	11.0	3.0
25...	1440	4960	--	--	--	6.5
MAY						
03...	1355	813	--	--	--	13.5
JUN						
19...	1330	292	--	--	26.5	20.5
AUG						
12...	1450	2190	--	--	--	22.0
SEP						
30...	1355	441	--	--	--	19.5
NOV						
14...	1405	1560	--	--	9.0	6.5
DEC						
18...	1400	2010	--	--	--	0.5
JAN 1969						
27...	1345	1850	--	--	--	3.0
MAR						
10...	1450	976	--	--	0.0	4.0
JUN						
11...	1430	268	--	--	28.0	21.0
JUL						
25...	1400	299	65	--	30.0	28.0
SEP						
02...	0940	174	70	--	--	25.0

KANAWHA RIVER BASIN  
03197000 ELK RIVER AT QUEEN SHOALS, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
OCT 1969							
16...	0930	608	66	7.40	--	17.5	--
NOV							
18...	1215	1110	74	7.90	18.0	6.0	--
FEB 1970							
19...	1415	7620	52	7.20	-1.0	4.5	--
APR							
06...	1220	2890	58	7.30	--	8.0	--
JUN							
03...	1320	183	77	7.40	--	25.0	--
29...	1425	968	75	7.30	25.0	23.0	--
AUG							
17...	1455	111	62	7.50	29.0	27.0	--
SEP							
29...	1500	2490	73	7.40	22.0	19.0	--
DEC							
29...	1315	2600	58	7.80	-2.0	2.0	--
MAR 1971							
31...	1515	2950	56	7.30	16.0	7.5	--
MAY							
17...	1400	2780	58	7.60	31.0	13.5	10.0
JUL							
07...	1345	232	--	--	29.0	28.0	--
AUG							
23...	1300	294	--	--	32.0	27.0	--
OCT							
04...	1300	2560	--	--	24.0	19.0	--
NOV							
10...	1300	1070	--	--	--	14.0	--
JAN 1972							
10...	1440	6600	--	--	19.0	4.5	--
MAR							
21...	1315	2250	--	--	24.0	10.0	--
APR							
17...	1300	9030	--	--	25.0	16.0	--
JUN							
14...	1130	206	--	--	25.0	19.0	--
JUL							
14...	1250	829	--	--	--	21.0	--
AUG							
16...	1340	827	--	--	--	21.0	--
SEP							
07...	1300	630	--	--	--	21.0	--
NOV							
06...	1035	5680	--	--	12.0	9.0	--
DEC							
05...	1020	5610	--	--	8.0	4.0	--
JAN 1973							
09...	1040	1670	72	--	-6.0	2.0	11.8
31...	1120	3270	75	--	-3.0	2.0	10.8
MAR							
06...	1015	3480	--	--	14.0	8.0	--
APR							
02...	0955	1270	--	--	6.0	10.0	--
MAY							
09...	1100	10400	50	7.90	18.0	14.0	--
JUN							
05...	1100	1090	75	7.80	25.0	21.0	--
JUL							
03...	1100	956	80	7.70	27.0	23.0	--
SEP							
13...	1105	336	69	7.00	--	22.5	--
OCT							
19...	1400	653	62	7.10	--	15.0	--
29...	1200	627	--	--	15.0	12.0	--

## KANAWHA RIVER BASIN

03197000 ELK RIVER AT QUEEN SHOALS, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
DEC 1973							
03...	1545	3940	52	6.90	--	10.0	11.3
JAN 1974							
02...	1205	7040	--	--	6.5	5.0	--
25...	1030	2700	58	6.70	--	9.0	8.9
30...	1200	1910	--	--	11.0	8.0	--
MAR							
01...	1200	2810	57	6.80	--	3.0	11.1
27...	1145	1790	53	6.60	--	6.5	10.1
JUL							
11...	0915	608	65	6.80	--	25.0	--
OCT							
11...	1520	426	--	--	--	13.0	--
APR 1975							
16...	1045	469	98	--	11.0	9.0	--
MAY							
14...	1045	1540	72	--	--	18.0	--
JUN							
20...	1115	910	--	--	26.0	17.0	--
JUL							
29...	1020	258	75	--	--	28.0	--

# KANAWHA RIVER BASIN

03197440 LEFT HAND CREEK NEAR CLENDENIN, WV

LOCATION.--Lat 38°32'18", long 81°20'43", Kanawha County, on right bank  
0.4 mi downstream from Gabes Creek, 0.7 mi upstream from Lick Branch,  
3.4 mi north of Clendenin, and at mile 1.3.

DRAINAGE AREA.--27.8 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--January 1974 to February 1975.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1974						
30...	1330	55	--	--	11.0	6.0
FEB						
28...	1520	26	--	--	9.0	3.0
MAR						
28...	1320	24	--	--	22.0	10.0
APR						
30...	1445	7.8	--	--	28.0	29.0
JUL						
01...	1230	4.1	--	--	26.0	22.0
16...	0910	61	112	6.30	--	18.0
SEP						
13...	1125	7.2	--	--	24.5	21.0
OCT						
07...	1210	1.1	--	--	12.0	10.0
10...	1400	1.0	150	7.30	--	14.0

## KANAWHA RIVER BASIN

03198000 KANAWHA RIVER AT CHARLESTON, WV

LOCATION.--Lat 38°22'10", long 81°42'05", Kanawha County, Hydrologic Unit 05050008, on left bank at old lock 6, 1.0 mi upstream from Davis Creek, 1.5 mi downstream from Twomile Creek, 2.0 mi downstream from Patrick Street Bridge at Charleston, 3.5 mi downstream from Elk River, and at mile 54.3.

DRAINAGE AREA.--10,419 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--June 1939 to current year. Monthly discharge only September 1939 to February 1940, published in WSP 1305.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945						
17...	1720	6550	--	--	28.0	26.5
AUG						
25...	1200	7070	--	--	26.0	28.5
DEC 1946						
17...	1615	4260	--	--	3.0	8.0
JUL 1948						
07...	--	6580	--	--	--	--
APR 1949						
19...	1245	24100	--	--	8.0	10.5
MAY						
27...	1230	18200	--	--	21.0	19.5
JUN						
10...	1330	7320	--	--	29.0	27.5
JUN 1950						
06...	1130	22200	--	--	28.5	15.5
DEC 1956						
03...	1335	7580	--	--	14.5	10.0
31...	1325	12100	--	--	--	7.0
FEB 1957						
28...	1105	30200	--	--	9.0	10.0
APR						
30...	1110	16200	--	--	--	22.5
JUN						
03...	1005	8090	--	--	--	25.5
MAY 1960						
04...	1230	12700	--	--	--	19.5
AUG						
11...	--	16500	--	--	--	27.5
NOV						
03...	1000	15100	--	--	18.5	14.5
JAN 1964						
30...	1330	17100	--	--	7.0	--
OCT 1967						
31...	1125	10300	--	--	--	13.5
DEC						
14...	0930	29300	--	--	--	6.0
OCT 1968						
08...	1010	4160	--	--	--	18.5
OEC						
03...	0940	8150	--	--	5.5	--
JAN 1969						
10...	0830	9400	--	--	--	--
MAR						
04...	1115	11700	--	--	3.0	8.0
JUL						
11...	1150	15700	192	--	--	28.0
AUG						
12...	1200	10600	--	--	28.0	26.0
DEC						
05...	--	3750	310	7.55	-3.0	10.0
FEB 1970						
11...	1435	21600	300	9.40	0.0	5.0
MAY						
19...	1140	11800	190	7.20	27.0	22.0



## KANAWHA RIVER BASIN

03198000 KANAWHA RIVER AT CHARLESTON, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1970						
24...	1200	1680	--	6.80	--	28.0
SEP						
10...	1300	1820	245	7.20	29.0	27.0
JAN 1971						
15...	1320	22600	--	--	-1.0	--
FEB						
17...	--	32800	200	8.60	5.0	3.0
SEP						
30...	1145	11000	--	--	27.0	22.5
NOV						
04...	1200	18200	--	--	10.0	19.0
NOV 1972						
10...	1410	40000	--	--	16.0	11.0
FEB 1973						
21...	--	14700	--	--	--	4.0
JAN 1974						
08...	1415	24400	--	--	2.0	7.0
FEB						
20...	1220	16800	--	--	--	8.0
MAR						
26...	1200	21200	--	--	--	9.0
JUN						
11...	1300	11000	--	--	--	23.0
MAY 1975						
21...	1300	22000	--	--	--	19.0
JUN						
12...	1400	11800	--	--	--	22.0
JUL						
01...	1240	7700	--	--	--	28.0

## KANAWHA RIVER BASIN

03198450 DRAWDY CREEK NEAR PEYTONA, WV

LOCATION.--Lat 38°07'29", long 81°41'33", Boone County, Hydrologic Unit 05050009,  
on right bank 75 ft upstream from bridge at entrance to Drawdy Cemetery,  
1.0 mi southwest of Peytona, and at mile 1.3.

DRAINAGE AREA.--7.75 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--Annual maximum, water years 1965-68. October 1968  
to September 1977.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPF- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
NOV 1968						
15...	1010	4.9	--	--	15.5	8.0
DEC						
18...	1230	2.4	--	--	--	1.0
JAN 1969						
27...	1450	5.2	--	--	2.0	0.5
MAR						
11...	1315	4.0	--	--	-6.0	2.0
APR						
17...	0905	6.2	--	--	13.5	13.0
MAY						
22...	0920	4.0	--	--	13.0	18.0
JUN						
19...	0930	0.97	--	--	22.0	24.0
JUL						
31...	1000	1.4	320	--	25.5	25.0
AUG						
21...	1350	19	170	--	29.5	25.0
SEP						
10...	0925	5.9	220	--	10.0	21.0
OCT						
03...	0930	0.35	350	7.90	20.0	19.0
DEC						
11...	1420	48	140	7.10	9.0	8.0
31...	0945	125	125	7.20	--	--
JAN 1970						
22...	0950	4.3	260	6.75	-4.0	1.0
MAR						
19...	0925	19	180	7.40	3.0	4.0
APR						
10...	1045	11	210	7.30	12.0	8.0
MAY						
22...	1135	3.4	265	7.05	24.0	18.0
JUN						
15...	0950	0.60	360	7.30	27.0	24.0
JUL						
24...	1130	0.20	400	7.30	30.0	26.0
AUG						
19...	1150	0.26	305	7.30	27.0	23.0
OCT						
02...	0950	0.25	500	7.20	14.0	13.0
NOV						
12...	0945	1.8	305	7.20	9.0	12.0
DEC						
16...	1350	2.8	260	7.50	5.0	4.0
JAN 1971						
22...	0950	5.6	210	7.10	2.0	1.0
FEB						
03...	1220	12	180	7.10	1.0	1.5
MAR						
03...	0945	10	280	7.10	-1.0	3.0
APR						
14...	1230	8.2	200	7.10	16.0	15.0
MAY						
21...	1330	3.6	250	7.40	28.0	17.0

## KANAWHA RIVER BASIN

03198450 DRAWDY CREEK NEAR PEYTONA, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
JUN 1971							
15...	1220	6.2	260	7.30	25.0	19.5	--
SEP							
08...	1330	2.9	--	--	26.0	23.0	--
OCT							
29...	1020	2.0	340	--	15.0	14.0	--
DEC							
07...	0935	55	--	--	14.0	5.0	--
JAN 1972							
11...	1435	28	175	--	10.0	8.0	--
FEB							
08...	1000	12	205	--	-6.0	2.0	--
MAR							
13...	1230	7.9	206	--	22.0	10.0	--
APR							
20...	1200	17	170	--	25.0	12.0	--
MAY							
17...	0930	6.7	--	--	14.0	14.0	--
JUN							
21...	1535	26	--	--	23.0	21.0	--
JUL							
19...	0950	0.65	375	--	26.0	20.0	--
AUG							
14...	1400	2.1	370	--	29.0	22.0	--
SEP							
21...	1255	0.44	--	--	23.0	21.0	--
NOV							
14...	0905	8.5	--	--	7.0	8.0	--
JAN 1973							
11...	1405	7.4	--	--	0.0	0.0	--
FEB							
15...	1300	33	--	--	7.0	5.0	--
27...	1610	11	220	7.20	--	8.0	--
APR							
20...	0930	8.6	220	7.10	24.0	13.0	--
MAY							
08...	0935	14	197	6.80	17.0	13.0	10.1
JUN							
14...	0930	1.6	345	6.90	22.5	20.0	--
JUL							
20...	0950	1.8	--	7.10	25.0	22.0	--
AUG							
20...	1000	5.4	--	--	23.0	23.0	--
SEP							
17...	1120	0.62	--	--	29.0	18.0	--
OCT							
18...	1240	0.62	--	--	--	13.0	--
NOV							
06...	1130	3.1	300	7.60	--	7.5	11.2
DEC							
05...	1240	7.4	240	6.40	21.0	13.0	--
18...	1410	5.9	225	7.60	--	3.0	11.6
FEB 1974							
11...	1140	8.3	--	--	-6.0	2.0	--
15...	1100	72	245	6.70	--	5.0	10.6
MAR							
20...	0910	47	120	7.70	14.0	9.0	--
APR							
11...	1115	24	185	7.00	--	9.0	10.9
22...	1150	5.8	--	--	30.0	15.0	--
29...	1115	7.0	280	7.80	--	15.5	9.9
MAY							
30...	1105	19	--	--	--	18.0	--
JUN							
25...	1200	10	--	--	--	20.0	--

## KANAWHA RIVER BASIN

03198450 DRAWDY CREEK NEAR PEYTONA, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
JUL 1974							
22...	1430	2.4	380	7.50	--	22.5	8.2
AUG							
20...	1130	1.5	270	8.10	--	25.0	--
SEP							
24...	0950	1.7	260	7.60	--	11.0	--
NOV							
21...	1030	16	--	--	4.0	8.0	--
JAN 1975							
07...	0930	12	--	--	-6.0	4.0	--
FEB							
06...	1010	67	--	--	--	8.0	--
MAR							
05...	1100	5.4	--	--	--	4.0	--
APR							
09...	1410	8.7	--	--	--	7.0	--
MAY							
09...	1030	11	190	--	14.0	--	--

## KANAWHA RIVER BASIN

03198500 BIG COAL RIVER AT ASHFORD, WV

LOCATION.--Lat 38°10'47", long 81°42'42", Boone County, Hydrologic Unit 05050009, on left bank at downstream side of highway bridge at Ashford, 300 ft upstream from Lick Creek, 1.0 mi downstream from Brush Creek, 1.8 mi upstream from Bull Creek, and at mile 30.2 upstream from Kanawha River.

DRAINAGE AREA.--391 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--June 1908 to September 1916, May 1930 to current year. Published as Coal River at Brushton, June 1908 to September 1916 and as Coal River at Ashford, May 1930 to September 1960.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1945					MAR 1949				
19...	1725	779	21.5	19.5	29...	1110	528	11.0	13.0
JUL					APR				
05...	1815	206	28.5	24.5	21...	1430	354	24.5	14.0
30...	1540	526	28.0	26.0	MAY				
AUG					05...	1635	467	25.5	21.0
06...	1045	191	26.0	23.5	11...	1440	465	21.0	17.0
22...	1030	39	20.5	25.0	JUN				
SEP					14...	1535	113	26.5	24.0
06...	1130	23	23.0	24.0	17...	1350	88	26.5	25.0
OCT					AUG				
05...	1710	67	22.0	18.0	04...	1245	456	29.5	26.5
NOV					SEP				
20...	1145	1080	5.5	9.5	29...	1500	78	13.0	15.5
DEC					OCT				
07...	1505	1260	18.5	8.0	07...	1300	38	30.0	21.5
APR 1946					31...	1205	609	11.5	14.5
04...	1855	380	20.0	18.0	DEC				
25...	1315	312	18.5	15.5	05...	1215	216	5.5	2.5
MAY					JAN 1950				
09...	1120	552	18.5	13.5	06...	1500	468	19.5	10.5
JUN					APR				
06...	1200	115	24.5	19.0	06...	1530	1000	8.0	8.0
JUL					MAY				
05...	1615	43	29.5	25.5	05...	1530	1130	33.5	20.0
AUG					JUN				
20...	1505	27	27.5	25.5	08...	1325	220	28.0	24.0
OCT					20...	1625	4240	31.5	18.0
07...	1430	9.7	28.0	18.5	JUL				
NOV					17...	1210	166	26.0	25.0
07...	1645	157	16.5	13.5	31...	1130	188	27.5	25.0
APR 1947					AUG				
06...	0830	566	20.0	14.5	18...	1200	99	30.0	26.0
MAY					SEP				
05...	1245	345	20.5	15.0	22...	1630	5020	28.0	20.0
JUN					OCT				
05...	1030	121	26.5	21.0	10...	0930	139	16.0	16.5
JUL					DEC				
11...	1355	73	28.0	24.5	05...	1550	3080	12.5	6.0
SEP					JAN 1951				
23...	1720	77	18.0	20.5	05...	1400	292	12.5	6.0
OCT					24...	1350	464	5.5	5.0
14...	1155	26	23.0	19.0	FEB				
NOV					09...	1650	1400	-2.0	1.0
17...	1125	144	4.5	7.0	MAR				
DEC					15...	1530	865	2.0	5.0
04...	1655	67	10.0	3.0	JUN				
APR 1948					26...	1050	126	28.0	21.5
05...	1205	969	18.5	14.5	JUL				
JUN					25...	1055	48	27.5	--
18...	1950	215	23.5	22.0	AUG				
JUL					04...	1500	29	26.5	27.5
13...	1950	35	23.5	28.0	SEP				
AUG					10...	1425	72	--	23.5
06...	1600	399	24.5	20.5	OCT				
SEP					12...	1325	15	19.0	15.0
17...	1620	20	26.5	24.0	DEC				
OCT					21...	1545	5600	6.0	6.5
08...	1500	18	15.5	15.0	FEB 1952				
NOV					08...	1350	811	13.5	5.0
02...	1340	31	25.5	13.5					

## KANAWHA RIVER BASIN

03198500 BIG COAL RIVER AT ASHFORD, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAR 1952					APR 1957				
28...	1155	775	10.0	8.5	19...	1140	328	22.0	14.5
APR					DCT				
25...	1600	1740	--	14.0	09...	1050	32	20.0	14.5
JUL					NOV				
03...	1130	63	--	25.5	04...	1100	80	18.0	13.0
OCT					JAN 1958				
09...	1700	21	21.0	22.0	23...	1300	2000	8.5	4.0
30...	1430	15	14.0	6.5	MAR				
FEB 1953					05...	1115	638	6.0	4.5
16...	1415	1180	17.5	4.5	27...	1300	2970	14.5	7.5
APR					APR				
09...	1330	420	26.5	14.0	21...	1225	355	20.0	16.0
MAY					JUN				
12...	0805	413	24.5	18.0	27...	1025	97	20.0	20.5
JUN					JUL				
09...	1335	291	29.5	24.5	21...	1210	280	--	23.0
JUL					AUG				
10...	1050	598	25.5	22.5	29...	1030	110	20.0	22.5
AUG					OCT				
15...	1010	34	26.5	25.0	07...	1140	46	--	16.5
OCT					NOV				
22...	1340	4.6	23.0	16.0	06...	1300	92	13.0	11.0
DEC					FEB 1959				
05...	1340	17	11.5	6.5	25...	1500	422	8.5	--
JAN 1954					MAR				
11...	1115	68	-2.0	0.5	23...	1125	289	--	5.5
APR					JUL				
29...	1655	297	30.5	18.5	13...	1155	22	--	26.5
MAY					OCT				
27...	1650	312	24.5	21.5	22...	1210	21	--	15.5
JUN					NOV				
24...	1650	101	25.5	28.0	16...	1120	51	--	9.0
AUG					MAY 1960				
19...	1400	240	--	26.5	12...	1045	310	--	9.0
NOV					JUN				
19...	1120	148	21.0	13.5	20...	1030	54	--	22.5
DEC					JUL				
13...	1115	457	9.5	3.0	21...	1425	121	--	27.5
JAN 1955					AUG				
12...	1445	849	3.5	3.5	25...	1145	53	--	25.5
APR					SEP				
12...	1130	248	26.0	14.5	21...	1030	53	--	20.0
MAY					OCT				
06...	1325	281	24.0	18.5	27...	1050	40	--	10.0
JUL					OEC				
07...	1115	201	30.5	26.5	07...	1600	61	4.0	1.0
AUG					MAY 1961				
11...	1030	90	32.5	28.0	25...	1040	190	24.0	--
OCT					JUL				
04...	1445	11	23.5	18.5	06...	1430	239	--	21.0
NOV					SEP				
18...	1540	76	5.5	9.0	11...	1210	36	--	27.5
DEC					OCT				
21...	1525	46	1.0	--	19...	1155	25	--	14.5
JAN 1956					JUN 1962				
26...	1040	67	-3.0	--	13...	1355	89	--	21.5
MAR					SEP				
01...	1020	974	13.5	--	07...	1530	36	--	23.5
MAY					OCT				
25...	1250	130	24.5	--	12...	1440	32	30.0	20.0
OCT					APR 1963				
18...	1135	33	17.5	15.0	29...	1330	166	--	15.5
NOV					JUN				
16...	1340	54	10.5	10.0	26...	1435	80	--	26.5
DEC					AUG				
20...	1010	377	14.0	8.0	01...	1210	70	26.5	27.0

## KANAWHA RIVER BASIN

03198500 BIG COAL RIVER AT ASHFORD, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1963					
06...	0935	30	--	--	21.5
JUL 1964					
06...	0930	31	--	24.0	21.5
OCT					
15...	1240	52	--	--	12.5
AUG 1965					
18...	1220	15	--	--	25.0
SEP					
30...	1035	24	--	--	18.0
OCT					
29...	1015	29	--	15.5	6.5
NOV					
16...	1035	21	--	--	10.5
DEC					
14...	1420	18	--	--	8.0
JAN 1966					
26...	1110	38	--	--	0.0
MAR					
21...	1145	130	--	20.5	11.0
JUN					
13...	1335	41	--	--	24.5
JUL					
29...	1315	16	--	25.0	26.0
AUG					
31...	1000	26	--	28.0	23.5
OCT					
27...	1215	113	--	21.0	11.0
DEC					
06...	1340	644	--	11.5	4.5
JUN 1967					
15...	1215	104	--	30.0	28.0
JUL					
28...	1315	80	--	--	28.0
OCT					
10...	1235	32	--	20.0	13.5
NOV					
16...	1235	58	--	2.0	4.0
FEB 1968					
13...	1500	316	--	-6.0	1.5
JUL					
01...	1015	78	--	28.0	19.5
AUG					
01...	1000	74	--	25.5	24.0
SEP					
03...	0940	48	--	21.0	21.0
OCT					
01...	1000	30	--	9.5	17.5
NOV					
01...	1110	52	--	21.0	10.5
DEC					
12...	1440	218	--	10.0	1.0
JAN 1969					
29...	1400	327	--	13.5	1.0
MAR					
14...	1110	389	--	0.0	2.0
APR					
17...	1425	558	--	25.5	14.0
MAY					
22...	1345	238	--	23.0	20.0
JUN					
19...	1340	115	--	28.0	25.0
AUG					
01...	1015	82	350	21.0	24.0

## KANAWHA RIVER BASIN

03198500 BIG COAL RIVER AT ASHFORD, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
SEP 1969							
02...	1015	68	400	--	21.0	24.0	--
OCT							
03...	1330	40	500	7.70	26.5	20.0	--
31...	1130	26	575	7.60	21.0	9.0	--
DEC							
11...	1050	2260	190	7.05	9.0	7.0	--
JAN 1970							
02...	1005	1720	260	6.70	2.0	5.0	--
FEB							
20...	1330	1090	290	6.70	-1.0	4.0	--
APR							
01...	1045	888	190	7.30	6.0	8.0	--
23...	1340	358	260	7.20	18.0	16.0	--
MAY							
21...	1440	176	300	7.10	29.0	17.0	--
JUN							
15...	1400	107	525	7.35	26.0	24.0	--
JUL							
23...	1430	38	500	7.40	28.0	24.0	--
AUG							
19...	1345	26	450	7.30	28.0	25.0	--
OCT							
01...	1010	41	550	7.30	9.0	16.0	--
NOV							
02...	0945	367	288	6.50	15.0	14.0	--
12...	1310	121	350	7.20	10.0	10.0	--
DEC							
16...	1020	132	350	7.40	2.0	4.0	--
JAN 1971							
19...	1115	613	230	7.20	-2.0	2.0	--
APR							
01...	1145	522	250	6.90	17.0	8.0	--
MAY							
03...	1025	362	280	6.90	6.0	12.0	--
JUN							
01...	1120	960	--	--	27.0	17.5	--
NOV							
08...	0950	234	--	--	1.0	6.0	--
DEC							
08...	1015	2430	--	--	12.0	5.0	--
16...	1050	375	--	--	13.0	4.0	--
JAN 1972							
03...	1035	1190	--	--	2.0	7.0	--
APR							
20...	0930	1070	--	--	25.0	12.0	--
MAY							
15...	1020	519	--	--	20.0	13.0	--
JUL							
02...	1210	190	--	--	21.0	19.0	--
OCT							
18...	1325	50	--	--	12.0	10.0	--
NOV							
14...	1325	440	--	--	14.0	9.0	--
DEC							
22...	1045	6580	--	--	4.0	7.0	--
FEB 1973							
13...	0910	678	--	--	-1.0	0.0	--
27...	1540	554	289	7.00	--	8.0	--
APR							
18...	1100	969	260	--	18.0	12.0	12.0
MAY							
08...	0820	716	260	6.60	16.5	15.0	9.6
JUN							
12...	1025	176	330	7.50	28.0	25.0	7.1



## KANAWHA RIVER BASIN

03198500 BIG COAL RIVER AT ASHFORD, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
JUL 1973							
18...	1325	172	--	6.90	--	24.0	8.0
AUG							
20...	1330	104	--	--	23.0	23.0	--
SEP							
17...	1030	57	--	--	29.0	18.0	--
27...	0945	34	520	7.60	--	19.5	7.2
OCT							
17...	1210	34	--	--	13.0	13.0	--
NOV							
05...	1100	171	--	--	8.0	11.0	--
06...	1200	305	325	7.50	--	8.5	--
DEC							
05...	1010	341	279	6.50	22.0	11.0	7.6
19...	1500	2450	280	7.40	--	2.5	11.8
JAN 1974							
17...	1030	874	--	--	--	6.0	--
MAR							
18...	1250	1630	--	--	11.0	9.0	--
APR							
11...	1330	1420	220	7.10	--	11.0	10.2
22...	1030	341	--	--	30.0	15.0	--
25...	1445	340	250	7.60	--	11.5	10.8
JUN							
25...	1100	342	--	--	--	20.0	--
JUL							
23...	0915	105	440	7.40	--	22.0	7.2
AUG							
20...	1330	138	320	8.70	--	25.0	--
SEP							
23...	1030	113	300	8.50	6.0	15.0	--
OCT							
21...	1130	212	--	--	--	8.0	--
MAR 1975							
06...	0930	265	340	7.20	--	3.0	--
APR							
14...	0900	332	--	--	--	8.0	--
JUL							
22...	1000	197	--	--	--	22.0	--
AUG							
27...	1330	45	--	--	--	26.0	--

# KANAWHA RIVER BASIN

03198550 BIG COAL RIVER NEAR ALUM CREEK, WV

LOCATION.--Lat 38°15'00", long 81°47'54", Kanawha County, Hydrologic Unit 05050009, at Chesapeake & Ohio Railroad bridge at end of Sproul Tunnel, 2.6 mi south of Alum Creek, and at mile 21.0, upstream from Kanawha River.

DRAINAGE AREA.--445 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1974 to June 1982.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
FEB 1973						
12...	1340	932	--	--	8.0	4.0
27...	1400	552	277	7.00	8.0	6.0
APR						
17...	1305	775	240	7.20	--	13.5
JUN						
11...	1200	304	340	7.70	38.0	26.0
AUG						
22...	1050	154	--	--	21.0	23.0
SEP						
20...	1120	91	--	--	18.0	17.0
APR 1974						
26...	1200	819	--	--	20.0	15.0
SEP						
26...	1000	111	390	8.20	--	15.0
MAY 1975						
15...	1100	320	--	--	--	15.0
AUG						
28...	1120	53	--	--	--	26.0

## KANAWHA RIVER BASIN

03199000 LITTLE COAL RIVER AT DANVILLE, WV

LOCATION.--Lat 38°04'47", long 81°50'11", Boone County, Hydrologic Unit 05050009, on right bank upstream from highway bridge at Danville, 900 ft upstream from Turtle Creek, 2.3 mi downstream from confluence of Pond and Spruce Forks, and at mile 25.5.

DRAINAGE AREA.--269 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--May 1930 to September 1984.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					APR 1949				
05...	1535	70	31.5	24.5	22...	1400	240	22.0	17.0
30...	1230	211	28.5	25.5	MAY				
AUG					05...	1415	284	28.5	21.5
06...	1540	137	26.5	24.5	JUN				
22...	1215	25	25.5	25.5	06...	1125	32	26.0	24.5
SEP					09...	1400	20	30.0	25.0
06...	0905	12	19.0	23.0	14...	1040	23	26.0	25.0
OCT					17...	0930	23	22.0	23.0
05...	1435	38	21.0	17.5	AUG				
NOV					04...	0850	82	25.5	23.5
20...	1445	833	9.0	10.5	SEP				
27...	1600	232	13.0	7.0	29...	1100	43	14.5	15.5
DEC					OCT				
07...	1700	875	10.0	6.5	07...	1030	22	25.5	20.5
APR 1946					31...	1545	889	13.0	14.5
04...	1550	220	23.0	20.0	DEC				
26...	1630	248	19.0	16.0	05...	1500	126	8.0	3.5
MAY					JAN 1950				
08...	1810	343	17.5	14.0	06...	1030	304	20.5	10.5
JUN					MAR				
05...	1630	86	22.0	20.0	09...	1640	257	2.0	5.5
JUL					APR				
05...	1210	29	28.0	25.5	06...	1150	670	1.5	6.5
AUG					MAY				
20...	1640	17	27.5	25.5	05...	1110	539	29.0	20.0
OCT					JUN				
04...	1500	3.9	32.5	19.0	08...	1035	163	28.5	24.5
NOV					20...	1220	3930	31.0	18.5
07...	1415	9.4	18.0	14.0	JUL				
APR 1947					31...	1320	107	26.5	26.0
05...	1740	363	26.5	16.0	AUG				
JUN					18...	1505	39	28.0	29.0
04...	1745	92	26.5	25.0	SEP				
JUL					02...	1740	679	28.0	25.0
11...	1100	36	24.0	22.0	15...	1125	37	21.5	20.0
SEP					22...	1245	3960	20.0	18.5
23...	1210	70	18.0	16.0	OCT				
OCT					10...	1145	75	19.0	16.0
10...	1720	112	22.0	19.0	DEC				
NOV					05...	1240	1880	4.0	6.5
17...	1410	84	4.5	7.0	JAN 1951				
DEC					05...	1110	198	5.0	5.5
04...	1430	45	10.0	3.0	24...	1110	343	6.0	5.5
APR 1948					FEB				
05...	1600	689	15.0	15.5	09...	1225	998	-3.0	1.0
JUN					MAR				
18...	1500	59	30.5	22.0	15...	1230	538	3.0	4.5
JUL					JUN				
10...	1650	31	24.0	28.0	26...	1310	64	31.5	24.0
AUG					25...	1320	86	--	28.5
06...	1330	160	24.0	21.5	AUG				
SEP					04...	1200	16	26.0	26.5
17...	1345	7.2	29.5	25.5	SEP				
OCT					10...	1145	48	--	22.0
08...	1255	7.2	15.5	15.0	OCT				
NOV					12...	1100	13	13.0	13.5
03...	0945	16	19.5	18.0	DEC				
MAR 1949					21...	1210	4900	11.0	8.0
30...	1335	437	23.0	13.5					

KANAWHA RIVER BASIN  
03199000 LITTLE COAL RIVER AT DANVILLE, WV--Continued  
WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
FEB 1952					MAR 1957				
07...	1545	547	--	5.0	04...	1425	744	--	11.5
MAR					APR				
27...	1510	555	10.5	9.0	18...	1515	239	22.0	15.5
JUL					OCT				
03...	1355	27	31.0	28.5	09...	1240	21	23.5	17.5
OCT					NOV				
30...	1145	6.5	12.0	6.0	04...	1335	46	14.5	13.5
JAN 1953					DEC				
23...	1545	816	13.5	8.0	13...	1315	223	--	1.0
FEB					JAN 1958				
15...	1045	921	15.5	4.5	23...	1000	1700	3.0	4.5
APR					MAR				
09...	1015	262	25.5	14.5	03...	1735	578	3.5	6.0
MAY					27...	1600	1360	14.5	8.5
12...	1120	273	29.0	20.5	JUN				
JUN					27...	1330	79	21.5	23.5
09...	0920	49	26.5	22.5	JUL				
JUL					21...	1445	123	25.5	26.5
09...	1420	587	27.0	22.0	AUG				
AUG					28...	1540	59	22.0	24.0
15...	1140	17	29.0	26.0	OCT				
DEC					07...	1445	26	--	17.0
05...	1110	6.9	15.5	8.5	NOV				
JAN 1954					06...	1040	48	11.0	11.0
08...	1650	11	6.0	3.5	DEC				
APR					09...	1435	119	1.5	0.5
29...	1415	204	29.0	19.0	FEB 1959				
MAY					25...	1240	291	5.5	--
27...	1410	168	26.5	23.5	JUN				
JUN					11...	1420	82	--	25.5
24...	1435	42	28.5	29.5	OCT				
AUG					22...	0955	17	--	14.5
19...	1145	117	--	25.5	NOV				
NOV					16...	1345	37	--	9.5
19...	1345	106	19.5	14.5	FEB 1960				
DEC					23...	1200	661	-5.0	--
13...	1330	432	10.5	5.0	JUN				
JAN 1955					20...	1240	29	--	24.5
17...	0945	490	2.0	1.5	JUL				
FEB					21...	1210	44	--	26.0
14...	1450	469	2.5	0.0	AUG				
APR					24...	1545	40	--	25.0
12...	1400	169	28.0	18.0	OCT				
MAY					26...	1645	20	--	10.5
06...	0945	184	24.0	16.5	DEC				
JUL					07...	1120	33	4.0	4.5
07...	1305	52	30.0	26.5	JAN 1961				
AUG					12...	1550	70	--	1.5
10...	1635	31	29.5	30.0	APR				
SEP					17...	1505	1290	--	7.5
09...	1645	4.7	29.5	26.5	JUL				
NOV					06...	1200	79	--	23.0
18...	1330	39	3.5	10.0	SEP				
DEC					11...	1525	31	--	28.0
21...	1320	45	0.5	0.5	OCT				
MAR 1956					19...	1350	17	--	15.0
01...	1240	616	16.5	5.5	JUN 1962				
APR					13...	1200	59	18.0	21.0
27...	0850	313	18.5	--	SEP				
MAY					07...	1335	24	--	20.5
24...	1630	79	18.0	20.0	OCT				
SEP					19...	1145	19	21.0	16.0
20...	1550	66	15.0	19.0	NOV				
OCT					13...	1345	317	--	9.0
18...	1430	16	18.0	16.0	DEC				
DEC					20...	1420	830	--	0.5
20...	1210	218	14.0	8.0					

## KANAWHA RIVER BASIN

03199000 LITTLE COAL RIVER AT DANVILLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
APR 1963				
29...	1055	99	--	15.5
MAY				
28...	1305	160	--	18.5
JUN				
26...	1245	110	30.0	25.5
AUG				
01...	0905	61	26.0	25.0
OCT				
07...	1240	10	--	18.0
JUL 1964				
06...	1230	19	29.5	23.0
AUG 1965				
18...	1000	19	--	26.0
OCT				
01...	1435	24	--	21.5
19...	1140	17	--	17.5
NOV				
16...	1340	14	--	11.5
DEC				
14...	1115	14	--	5.0
MAR 1966				
21...	1300	78	23.0	11.5
JUN				
13...	1145	34	--	25.0
JUL				
18...	1135	29	--	26.5
AUG				
12...	1140	68	--	24.5
SEP				
14...	0805	218	20.0	18.0
OCT				
27...	1015	67	10.0	10.0
DEC				
09...	1040	577	23.0	11.5
JUL 1967				
28...	1020	64	--	23.5
OCT				
10...	0925	22	11.0	8.0
NOV				
13...	1405	36	10.0	8.5
FEB 1968				
13...	1145	159	-10.5	1.5
JUN				
12...	1020	287	26.5	24.0
SEP				
05...	1015	49	20.0	18.5
OCT				
07...	0950	61	14.5	14.0
17...	1350	28	25.5	18.5
NOV				
15...	1210	140	6.5	15.5
DEC				
12...	1240	107	4.5	1.5
JAN 1969				
07...	1440	145	-8.5	0.0
MAR				
14...	1300	239	-0.5	2.0
APR				
01...	1030	430	3.5	4.0
17...	1140	544	24.0	13.0
MAY				
22...	1045	197	16.5	19.0
JUN				
19...	1110	108	24.0	25.0

## KANAWHA RIVER BASIN

03199000 LITTLE COAL RIVER AT DANVILLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
JUL 1969							
31...	1130	61	700	--	29.5	25.0	--
SEP							
10...	1100	113	400	--	18.5	21.0	--
OCT							
03...	1100	39	860	7.50	18.0	21.0	--
31...	0950	27	800	7.40	18.5	8.0	--
DEC							
11...	1300	1080	198	7.10	10.0	8.0	--
31...	1230	5910	--	--	1.0	4.0	--
31...	1430	4800	420	7.25	0.0	4.0	--
JAN 1970							
02...	1230	925	285	6.70	4.0	5.0	--
FEB							
20...	1110	760	350	7.00	-1.0	3.0	--
MAR							
19...	1045	451	340	7.30	1.0	5.0	--
APR							
23...	1130	356	370	7.00	18.0	16.0	--
MAY							
22...	1350	154	500	6.95	30.0	23.0	--
JUN							
15...	1120	49	850	7.40	26.0	24.0	--
JUL							
24...	1330	37	1000	7.40	30.0	26.0	--
AUG							
21...	1330	26	1030	7.40	29.0	25.0	--
OCT							
02...	1125	27	925	7.15	12.0	14.0	--
NOV							
12...	1110	8.0	600	7.20	10.0	12.0	--
DEC							
16...	1210	99	460	7.30	2.0	4.0	--
JAN 1971							
19...	1310	362	300	7.20	-3.0	2.0	--
MAR							
03...	1130	353	500	7.20	-2.0	2.0	--
APR							
16...	1050	264	450	7.10	10.0	15.0	--
MAY							
20...	1345	340	450	7.20	25.0	17.0	--
JUN							
15...	1430	725	220	7.20	28.0	19.5	--
JUL							
22...	1230	679	--	--	26.0	24.0	--
SEP							
13...	1315	738	--	--	23.0	22.5	--
NOV							
08...	1130	167	--	--	1.0	6.0	--
DEC							
07...	1140	1640	--	--	14.0	7.0	--
JAN 1972							
05...	1345	3480	225	--	--	8.0	11.9
FEB							
08...	1210	403	360	--	-4.0	1.0	--
MAR							
13...	1110	402	358	--	21.0	11.0	--
APR							
28...	1000	491	--	--	14.0	12.0	--
MAY							
17...	1130	622	--	--	16.0	14.0	--
JUL							
02...	1030	130	485	--	22.0	20.0	9.7
19...	1130	110	495	--	27.0	20.0	--

## KANAWHA RIVER BASIN

03199000 LITTLE COAL RIVER AT DANVILLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
AUG 1972							
15...	1525	83	510	--	28.0	22.0	--
SEP							
21...	1145	50	--	--	20.0	21.0	--
OCT							
17...	1100	39	989	7.10	17.0	13.0	--
NOV							
15...	1030	254	386	7.10	7.0	8.0	--
DEC							
09...	1545	5180	--	--	11.0	11.0	--
10...	1515	5710	--	--	8.0	--	--
11...	1430	2280	--	--	--	8.0	--
JAN 1973							
11...	1125	210	--	--	0.0	0.0	--
FEB							
13...	1120	461	--	--	6.0	4.0	--
27...	1025	338	440	6.40	3.0	7.0	--
APR							
18...	1300	439	325	--	18.0	15.0	11.0
JUN							
12...	1240	174	530	7.40	29.5	26.0	8.0
JUL							
19...	1010	90	--	7.50	25.5	23.0	7.5
AUG							
20...	1125	55	--	--	23.0	23.0	--
SEP							
18...	1100	71	--	--	22.0	18.0	--
OCT							
17...	1350	32	--	--	12.0	13.0	--
DEC							
06...	1130	220	458	6.90	8.0	10.0	4.9
FEB 1974							
15...	1045	763	--	6.40	8.0	6.0	--
MAR							
20...	1300	1600	230	7.80	20.0	10.0	8.5
JUN							
01...	1010	1890	--	--	--	18.0	--
27...	0950	202	--	--	--	20.0	--
SEP							
24...	1100	74	675	8.70	--	14.0	--
NOV							
22...	1030	363	305	8.30	6.0	8.0	--
MAR 1975							
06...	1130	215	510	7.10	--	3.0	--
MAY							
13...	1050	428	--	--	--	15.0	--

## KANAWHA RIVER BASIN

03199400 LITTLE COAL RIVER AT JULIAN, WV

LOCATION.--Lat 38°09'17", long 81°51'10", Boone County, Hydrologic Unit 05050009, on left bank on downstream side of highway bridge on State Route 3 at Julian, 5.6 mi north of intersection of U.S. Highway 119 and State Route 3, and at mile 17.4.

DRAINAGE AREA.--318 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1974 to September 1984.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
FEB 1973						
27...	1135	360	400	6.30	4.0	7.0
MAY						
08...	1215	649	320	7.30	20.0	15.0
OCT 1974						
29...	1030	70	--	--	--	10.0
FEB 1975						
01...	1150	1170	--	--	--	8.0



## KANAWHA RIVER BASIN

## 03200500 COAL RIVER AT TORNADO, WV--Continued

LOCATION.--Lat 38°20'20", long 81°50'30", Kanawha County, Hydrologic Unit  
05050009, on downstream side of highway bridge at Tornado, 0.2 mi upstream  
from Falls Creek, and at mile 11.5.

DRAINAGE AREA.--862 mi<sup>2</sup>, includes that of Falls Creek.

PERIOD OF STREAMFLOW RECORD.--June 1908 to September 1911, October 1911 to June  
1912 (gage heights only), November 1928 to September 1931, August 1961 to  
current year.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
AUG 1947							
02...	0920	259	--	--	31.0	28.5	--
JUN 1949							
09...	1000	94	--	--	25.5	24.0	--
OCT							
04...	0920	131	--	--	25.0	16.5	--
SEP 1950							
19...	1330	97	--	--	30.0	23.0	--
NOV 1952							
07...	--	32	--	--	6.5	6.5	--
JUN 1958							
26...	--	228	--	--	16.5	23.0	--
JUN 1960							
21...	0830	86	--	--	26.5	--	--
DEC 1972							
08...	1500	4230	--	--	--	6.0	--
JAN 1973							
02...	1830	1280	286	6.90	--	--	--
FEB							
01...	0935	920	274	7.10	--	--	--
12...	1030	1670	--	--	4.0	3.0	--
27...	0900	815	296	7.00	4.0	5.0	--
APR							
10...	1400	3660	167	6.30	--	8.5	--
17...	1015	1230	250	7.20	--	14.0	--
28...	1120	19800	115	6.70	13.5	10.5	--
MAY							
08...	1430	1460	252	7.00	24.0	17.0	--
JUN							
11...	1440	515	320	7.10	--	27.0	--
AUG							
28...	1645	128	560	7.80	--	30.0	--
SEP							
05...	1034	73	--	--	--	--	--
24...	1015	83	690	7.60	--	22.0	--
OCT							
19...	1050	70	--	--	--	13.0	--
NOV							
13...	0925	416	349	7.00	--	12.0	--
DEC							
20...	1200	800	296	6.90	--	7.0	12.0
FEB 1974							
13...	1630	1210	420	7.00	--	4.0	10.3
15...	1410	2200	--	7.60	10.0	6.0	--
MAR							
21...	1145	5570	160	7.80	11.0	10.0	--
APR							
15...	0845	1640	300	7.60	--	14.0	--
24...	1300	1440	320	7.70	--	13.0	9.6
JUN							
17...	1115	788	400	7.00	--	19.0	7.8
JUL							
29...	0940	356	510	7.50	--	25.0	7.3
FEB 1975							
11...	1510	2070	--	--	4.0	6.0	--
JUL							
30...	1000	146	630	7.40	29.0	26.5	--

## KANAWHA RIVER BASIN

03201000 POCATALICO RIVER AT SISSONVILLE, WV

LOCATION.--Lat 38°31'34", long 81°37'53", Kanawha County, Hydrologic Unit 05050008, on right bank at downstream side of bridge on U.S. Highway 21 at Sissonville, 0.3 mi downstream from Grapevine Creek, 1.8 mi downstream from Pocatalico Creek, and at mile 25.0.

DRAINAGE AREA.-- 238 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--June 1908 to September 1916, May 1930 to September 1931, February 1937 to September 1978, May 1979 to September 1980.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					MAY 1950				
23...	0940	26	23.0	24.5	29...	1105	380	21.0	18.0
AUG					JUL				
06...	1010	82	25.0	23.5	26...	1045	204	21.0	21.0
SEP					SEP				
01...	1140	5.9	28.5	24.5	05...	1140	82	16.5	20.5
10...	0950	2.2	25.0	25.0	OCT				
OCT					20...	0925	24	22.0	16.0
08...	1115	18	21.0	15.5	JAN 1951				
JUN 1946					07...	0935	341	-1.0	0.5
10...	1645	43	26.5	25.5	MAR				
AUG					16...	1105	1500	9.5	4.5
23...	1700	14	28.0	24.5	JUN				
SEP					25...	1025	78	25.0	20.5
16...	1040	0.90	26.5	19.0	AUG				
OCT					31...	1430	4.5	29.5	25.0
07...	1000	0.31	25.0	14.0	OCT				
NOV					01...	1545	1.9	24.5	19.5
13...	1100	10	17.0	10.0	NOV				
DEC					30...	1700	94	--	4.5
04...	1235	17	12.0	3.5	MAR 1952				
18...	1005	49	4.5	3.5	17...	1040	151	--	4.0
JUL 1947					APR				
03...	0945	3.8	24.5	22.0	21...	1120	165	28.0	--
AUG					JUL				
05...	1125	26	33.0	29.0	07...	0910	79	25.0	24.5
SEP					DEC				
08...	1515	58	32.5	24.5	31...	1450	15	6.5	2.0
22...	1200	31	18.0	20.5	APR 1953				
OCT					01...	1125	121	21.0	10.5
21...	1530	1.1	26.5	18.0	JUN				
AUG 1948					30...	1000	9.6	--	27.5
09...	1350	53	30.5	23.5	AUG				
12...	1035	49	26.0	23.0	31...	1535	0.25	35.0	30.5
SEP					DEC				
17...	1730	0.99	29.0	24.0	02...	0935	0.10	-2.0	2.0
APR 1949					30...	1445	1.9	10.0	3.5
19...	1630	385	11.5	9.0	FEB 1954				
MAY					02...	0940	33	9.5	1.5
27...	1620	313	25.5	16.5	JUN				
JUN					02...	0945	7.5	20.5	22.0
09...	1820	8.2	24.0	26.0	30...	1555	1.5	29.5	25.5
SEP					AUG				
23...	1435	0.71	22.0	18.5	31...	1245	113	26.5	23.0
OCT					DCT				
05...	1145	0.43	23.0	16.0	21...	1145	54	--	11.0
NOV					NOV				
28...	1540	9.9	11.0	5.0	29...	1500	257	5.0	5.0
DEC					DEC				
09...	1330	765	15.5	5.0	29...	1715	867	13.0	6.0
29...	1140	382	-2.0	4.0	FEB 1955				
JAN 1950					03...	1010	712	--	1.5
16...	1140	1820	6.5	7.0	APR				
30...	1630	3540	3.5	8.5	30...	1540	208	27.5	16.5
FEB					MAY				
20...	1030	96	-1.5	3.5	31...	0930	14	21.5	20.5
MAR					DEC				
27...	1030	261	20.5	9.5	01...	1105	12	--	0.0
APR					JAN 1956				
24...	0910	83	28.0	14.5	31...	1520	1500	5.5	--

## KANAWHA RIVER BASIN

03201000 POCATALICO RIVER AT SISSONVILLE, WV--Continued  
WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
FEB 1956				
01...	1100	324	5.5	--
29...	1055	340	7.0	4.5
MAR				
10...	1040	637	11.0	5.5
JUL				
05...	1420	10	32.5	29.5
NOV				
05...	0920	30	16.5	14.0
DEC				
28...	1335	229	9.0	6.5
MAR 1957				
06...	1215	202	10.0	9.5
APR				
30...	1335	130	24.5	15.5
MAY				
13...	0900	183	20.0	20.0
JUL				
03...	0805	21	16.5	20.5
AUG				
27...	1225	0.13	31.0	25.0
DEC				
02...	1450	79	10.5	5.0
JAN 1958				
05...	1450	54	0.5	--
FEB				
27...	1615	1280	18.5	5.0
APR				
30...	0940	2790	13.0	11.5
JUN				
03...	1040	36	21.5	19.5
JUL				
01...	1455	20	29.0	28.0
30...	1410	88	29.5	26.0
SEP				
04...	1015	16	--	22.0
MAR 1959				
02...	1700	166	8.5	6.5
31...	1530	97	24.0	9.0
JUN				
30...	1050	1.9	--	30.0
SEP				
02...	1515	5.1	29.0	27.0
OCT				
02...	1430	0.13	--	24.5
DEC				
21...	1035	209	2.0	--
APR 1960				
13...	1040	101	25.5	6.0
JUN				
22...	1615	34	26.0	24.5
JUL				
25...	0955	19	22.0	25.5
SEP				
06...	1000	5.2	--	25.0
OCT				
18...	1000	1.5	10.0	14.5
NOV				
21...	1000	17	1.5	4.0
DEC				
19...	0955	31	1.5	0.5
JAN 1961				
05...	1155	165	4.5	1.0
FEB				
02...	0925	57	-8.5	0.5

# KANAWHA RIVER BASIN

03201000 POCATALICO RIVER AT SISSONVILLE, WV--Continued  
WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
APR 1961						
24...	1015	487	--	--	21.0	--
JUN						
08...	1025	33	--	--	25.5	19.0
JUL						
11...	1440	12	--	--	--	25.0
AUG						
24...	0945	10	--	--	24.0	18.5
OCT						
06...	1315	21	--	--	--	15.0
NOV						
17...	1040	138	--	--	--	11.0
MAY 1962						
14...	1300	24	--	--	--	24.0
JUN						
15...	1340	70	--	--	--	20.0
JUL						
27...	1400	66	--	--	--	22.0
AUG						
09...	1020	133	--	--	--	22.0
SEP						
07...	1245	8.2	--	--	--	21.0
OCT						
04...	1430	17	--	--	--	18.0
DEC						
04...	1345	107	--	--	-1.0	0.0
JAN 1963						
17...	1440	242	--	--	--	0.5
JUN						
20...	0935	11	--	--	--	24.0
JUL						
25...	1040	12	--	--	24.5	--
AUG						
23...	0855	21	--	--	--	21.0
NOV						
01...	1305	0.06	--	--	--	11.5
AUG 1965						
20...	0915	0.28	--	--	--	21.5
OCT						
20...	1350	3.9	--	--	--	16.0
NOV						
15...	1430	0.98	--	--	--	9.5
DEC						
13...	1415	4.2	--	--	--	7.0
JAN 1966						
17...	1320	18	--	--	--	0.5
FEB						
25...	1315	79	--	--	--	1.5
JUN						
16...	0930	4.9	--	--	22.0	21.0
JUL						
21...	0930	4.5	--	--	21.5	22.0
AUG						
18...	0930	2.1	--	--	22.0	23.0
SEP						
16...	0845	0.10	--	--	10.5	13.5
OCT						
27...	1530	3.4	--	--	20.0	11.5
DEC						
09...	1345	161	--	--	21.0	8.5
JAN 1967						
13...	1050	26	--	--	4.0	0.0
JUN						
12...	1255	13	820	7.50	--	--

## KANAWHA RIVER BASIN

03201000 POCATALICO RIVER AT SISSONVILLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1967						
02...	1350	2.1	--	--	25.5	18.0
NOV						
01...	1500	7.6	--	--	15.5	11.0
DEC						
01...	1535	1250	--	--	-2.0	--
FEB 1968						
15...	0910	44	--	--	-5.5	1.5
MAR						
05...	0935	38	--	--	1.0	1.5
MAY						
01...	1415	67	--	--	--	16.0
JUL						
01...	1515	37	--	--	31.0	21.0
AUG						
01...	1440	30	--	--	24.5	23.5
SEP						
03...	1445	3.9	--	--	26.0	21.0
OCT						
01...	1445	4.0	--	--	26.5	18.0
NOV						
01...	1500	20	--	--	25.5	10.0
DEC						
03...	0935	111	--	--	3.0	4.5
JAN 1969						
07...	1010	63	--	--	-8.0	0.5
FEB						
03...	1520	592	--	--	3.5	--
MAR						
03...	1445	44	--	--	7.0	3.0
APR						
01...	1530	180	--	--	6.5	4.0
MAY						
01...	1530	192	--	--	--	10.0
JUN						
02...	1440	11	--	--	21.0	19.0
JUL						
01...	1445	9.0	900	--	32.0	26.0
AUG						
01...	1500	52	290	--	31.0	25.0
SEP						
02...	1440	11	360	--	21.0	24.0
OCT						
01...	1435	4.2	425	7.45	21.0	20.0
31...	1355	587	520	7.50	18.0	8.0
DEC						
01...	1450	36	500	7.30	7.0	3.0
JAN 1970						
06...	0945	179	290	7.20	0.0	2.0
30...	1110	1880	200	7.25	0.0	2.0
MAR						
02...	0930	76	390	7.30	4.0	4.0
APR						
01...	1500	1330	160	7.60	13.0	8.0
MAY						
22...	0930	54	280	7.00	23.0	21.0
JUN						
16...	0930	85	240	7.20	26.0	24.0
JUL						
24...	0925	6.2	450	7.20	28.0	22.5
AUG						
19...	0945	18	340	7.20	26.0	24.0
OCT						
01...	1350	17	500	7.35	20.0	18.0

## KANAWHA RIVER BASIN

03201000 POCATALICO RIVER AT SISSONVILLE, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
NOV 1970							
13...	1310	92	300	7.40	9.0	10.0	--
DEC 18...	1010	171	270	7.30	3.0	5.0	--
JAN 1971							
22...	1205	130	290	7.20	3.0	1.0	--
MAR 04...	1020	281	220	7.30	-3.0	1.0	--
APR 14...	0935	67	390	7.30	15.0	14.5	--
MAY 20...	1000	130	220	7.30	20.0	16.5	--
JUN 29...	1310	10	--	--	30.0	26.0	--
SEP 10...	1010	41	--	--	26.0	22.5	--
NOV 02...	1020	597	320	--	19.0	17.0	8.0
DEC 08...	1410	1130	--	--	8.0	5.0	--
FEB 1972							
07...	1020	572	200	--	-5.0	3.0	--
MAR 14...	0950	172	--	--	5.0	9.0	--
APR 28...	1320	343	--	--	18.0	11.0	--
MAY 25...	1145	50	343	7.50	25.0	20.5	--
JUL 02...	1445	112	255	--	23.0	19.0	9.5
18...	1000	22	425	--	25.0	21.0	8.0
AUG 16...	1500	15	450	--	28.0	22.0	--
SEP 21...	0915	70	290	7.30	19.0	21.0	--
OCT 17...	1450	24	406	7.30	17.0	12.0	--
NOV 13...	1020	307	390	7.00	12.0	8.0	--
JAN 1973							
06...	1000	94	250	--	2.0	0.5	11.7
FEB 08...	1415	1300	195	--	0.0	2.0	11.3
MAR 12...	0945	485	235	--	13.0	9.5	10.8
APR 10...	1410	2370	175	--	1.0	10.0	8.8
JUN 13...	1005	23	345	7.30	24.0	24.0	--
JUL 09...	0920	13	430	7.40	25.0	25.0	--
AUG 16...	1350	94	--	--	--	23.0	--
SEP 21...	1310	33	--	--	--	19.0	--
FEB 1974							
28...	1145	218	--	--	10.0	2.0	--
JUL 03...	1050	33	--	--	28.0	21.0	--

## KANAWHA RIVER BASIN

03201410 POPLAR FORK AT TEAYS, WV

LOCATION.--Lat 38°27'23", long 81°55'54", Putnam County, Hydrologic Unit  
05050008, on left bank at Teays, and 50 ft upstream from culvert on Interstate  
Highway 64 at Winfield interchange.

DRAINAGE AREA.--8.71 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--January 1967 to September 1978.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1967						
16...	0900	0.02	--	--	--	22.0
JUL						
30...	1200	0.88	--	--	26.5	22.0
SEP 1968						
03...	1215	0.20	--	--	--	24.5
DEC						
02...	1700	4.9	--	--	11.0	7.0
JAN 1969						
29...	1440	30	--	--	19.0	16.0
30...	1620	21	--	--	14.0	8.0
FEB						
04...	0750	8.1	--	--	-7.0	0.0
07...	0750	11	--	--	3.0	4.0
MAR						
05...	0845	0.77	--	--	-6.0	0.0
24...	1445	18	--	--	18.0	--
SEP						
11...	1000	1.9	168	7.70	--	15.0
OCT						
31...	1415	0.22	192	8.00	--	12.0
JAN 1970						
29...	1515	26	245	7.10	10.0	8.0
FEB						
02...	1515	18	245	7.40	11.0	5.5
09...	0930	136	130	7.10	4.0	4.5
09...	1510	92	--	--	3.5	4.5
15...	1245	297	110	6.80	--	3.5
MAR						
04...	1435	204	120	7.35	15.0	10.0
MAY						
01...	1050	4.2	--	--	--	20.5
JUN						
05...	1430	1.1	--	--	--	25.5
AUG						
07...	1440	0.18	230	7.20	30.0	26.0
DEC						
16...	1525	6.6	165	7.30	11.0	7.0
JAN 1971						
27...	1600	5.5	--	--	-5.0	0.0
APR						
30...	1400	1.5	--	--	22.0	16.0
AUG						
09...	1400	2.6	--	--	31.5	24.5
OCT						
05...	1235	0.93	--	--	23.0	21.0
JAN 1972						
10...	1345	63	--	--	13.0	8.0
FEB						
07...	1135	14	--	--	-4.5	1.0
DEC						
29...	1210	7.2	--	--	9.5	3.0
NOV 1974						
07...	1220	3.1	--	--	9.0	10.5
MAR 1975						
20...	1010	16	200	--	13.0	7.0
MAY						
16...	0920	26	120	--	21.0	14.0
SEP						
03...	1330	0.18	210	6.60	--	23.0

# GUYANDOTTE RIVER BASIN

03202400 GUYANDOTTE RIVER NEAR BAILEYSVILLE, WV

LOCATION.--Lat 37°36'14", long 81°38'43", Wyoming County, Hydrologic Unit 05070101, on right bank 75 ft upstream from Doublecamp Branch, 3.1 mi east of Baileysville, and at mile 130.8.

DRAINAGE AREA.--306 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--July 1968 to current year.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1968						
10...	1015	82	--	--	--	--
AUG						
12...	1220	157	--	--	24.0	25.5
SEP						
18...	1045	50	--	--	20.0	22.0
OCT						
16...	1015	32	--	--	18.0	18.5
NOV						
20...	1110	309	--	--	1.0	6.5
DEC						
17...	1230	63	--	--	--	0.0
JAN 1969						
15...	1050	86	--	--	6.0	0.0
21...	0940	1800	--	--	3.0	4.0
FEB						
11...	1325	698	--	--	--	--
MAR						
12...	1320	388	--	--	-1.0	1.0
APR						
10...	1100	372	--	--	13.0	9.0
JUN						
12...	1000	122	--	--	27.0	24.0
JUL						
09...	0825	104	740	--	24.0	25.0
SEP						
18...	1020	53	750	8.30	21.0	23.0
OCT						
16...	1100	36	775	7.60	20.5	17.0
NOV						
20...	1110	104	590	7.80	-3.0	3.0
DEC						
18...	0945	93	362	7.60	-2.0	1.0
JAN 1970						
15...	1000	138	550	7.60	-2.0	2.0
FEB						
10...	1130	1040	--	--	0.0	2.0
16...	1515	4350	135	7.40	0.0	4.0
16...	1645	3900	125	7.40	0.0	4.0
17...	0930	2330	170	7.40	1.0	4.0
17...	1100	2250	170	7.30	1.0	4.0
17...	1220	2150	185	7.40	1.0	4.0
MAR						
12...	1140	235	490	7.40	10.0	9.0
APR						
07...	1000	674	300	7.40	7.0	9.0
MAY						
06...	0940	372	320	7.60	8.0	13.0
JUN						
11...	1010	118	600	8.00	28.0	23.0
JUL						
09...	1000	89	700	7.90	21.0	23.0
AUG						
06...	0950	46	750	7.60	25.0	24.0
SEP						
03...	1030	47	800	8.20	23.0	24.0



GUYANDOTTE RIVER BASIN

03202400 GUYANDOTTE RIVER NEAR BAILEYSVILLE, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
OCT 1970							
08...	1020	28	725	7.70	20.0	16.0	--
NOV							
02...	1345	206	520	7.60	18.0	15.0	--
JAN 1971							
07...	1220	492	180	7.50	-3.0	3.0	--
FEB							
02...	1520	458	200	7.50	-2.0	1.0	--
MAR							
11...	1200	647	290	7.20	3.5	4.0	--
APR							
08...	1215	1840	--	--	12.0	10.0	--
MAY							
13...	1225	2550	230	7.50	17.0	15.5	--
18...	--	692	380	7.30	--	16.0	--
JUL							
07...	0940	154	540	8.00	23.0	22.0	--
OCT							
14...	1100	69	--	--	16.0	14.0	--
NOV							
17...	1150	111	--	--	15.0	9.0	--
DEC							
21...	1445	395	--	--	22.0	8.0	--
JAN 1972							
19...	1530	463	860	--	4.0	2.0	11.8
FEB							
16...	1520	1030	190	7.70	3.0	2.0	--
25...	1145	6900	--	--	9.0	5.0	--
MAR							
20...	1315	290	515	7.50	14.0	11.0	--
APR							
11...	1540	734	257	7.40	15.0	11.0	--
MAY							
10...	1445	812	326	7.70	12.0	15.0	--
JUN							
13...	1345	192	615	8.00	24.0	19.0	9.0
JUL							
12...	1145	252	450	7.80	22.0	21.0	8.8
AUG							
07...	1400	318	368	7.80	28.0	21.0	--
SEP							
12...	1340	152	630	8.70	27.0	21.5	--
NOV							
09...	1200	405	300	7.70	--	11.0	--
DEC							
12...	1200	1880	200	7.20	2.0	8.0	--
JAN 1973							
16...	1500	285	480	--	12.0	0.0	--
FEB							
13...	1215	477	300	--	--	2.0	--
MAR							
08...	1545	749	250	--	23.0	13.5	--
17...	1135	7300	--	--	--	10.0	--
17...	1330	6740	--	--	--	10.0	--
APR							
09...	1600	943	260	8.20	18.0	11.0	--
JUL							
20...	1035	192	--	--	27.0	24.0	--
AUG							
31...	1130	82	--	--	--	26.0	--
NOV							
28...	1345	4130	120	--	--	12.0	--
JAN 1974							
08...	1700	858	--	--	3.0	6.0	--

# GUYANDOTTE RIVER BASIN

03202400 GUYANDOTTE RIVER NEAR BAILEYSVILLE, WV--Continued  
WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
FEB 1974							
12...	1640	379	--	--	10.0	4.0	--
MAR							
07...	--	588	350	--	20.0	10.5	--
MAY							
13...	1315	2060	--	--	--	--	--
14...	1815	1090	--	--	25.0	15.0	--
SEP							
18...	1610	86	--	--	--	22.0	--
OCT							
17...	1100	357	--	--	--	12.0	--
NOV							
13...	1150	87	--	--	--	7.0	--
DEC							
11...	1220	427	200	--	--	0.0	--
JAN 1975							
08...	1245	430	240	--	7.0	4.0	--
29...	1025	924	--	--	--	6.5	--
MAR							
05...	1505	274	--	--	8.0	5.0	--
14...	1500	10100	--	--	--	9.0	--
26...	1030	1510	--	6.20	--	--	--
APR							
23...	1035	439	245	7.50	12.0	10.0	--
MAY							
29...	1205	456	270	--	31.0	17.0	--
AUG							
12...	1210	88	560	8.20	--	23.0	7.2
12...	1620	105	625	--	39.0	27.0	--
SEP							
16...	1450	74	800	7.90	--	19.0	--
17...	1115	65	470	8.00	--	18.0	--
24...	1345	874	--	--	--	16.0	--
30...	1545	84	450	7.50	--	20.5	7.5

# GUYANDOTTE RIVER BASIN

03202480 BRIER CREEK AT FANROCK, WV

LOCATION.--Lat 37°33'48", long 81°39'09", Wyoming County, Hydrologic Unit 05070101, on right bank on Secondary State Route 14, 0.3 mi south of Fanrock, and 0.3 mi upstream from mouth.

DRAINAGE AREA.--7.2 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--July 1969 to September 1977. Prior to October 1975, published as "Briar Creek at Fanrock".

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
JUN 1969							
12...	1145	0.59	--	--	26.5	24.0	--
AUG							
21...	1035	0.81	200	--	25.5	25.0	--
OCT							
16...	0940	0.07	290	7.40	20.0	17.0	--
NOV							
20...	0950	2.0	370	7.90	-3.0	2.0	--
DEC							
18...	1100	0.86	208	7.30	-2.0	1.0	--
FEB 1970							
10...	1300	43	80	7.10	0.0	2.0	--
MAR							
12...	1000	2.5	225	7.40	5.0	4.0	--
APR							
07...	1050	15	125	7.50	6.0	7.0	--
MAY							
06...	1100	5.7	200	7.30	8.0	12.0	--
JUN							
11...	1125	0.30	450	7.80	27.0	23.0	--
JUL							
09...	1100	2.6	320	7.40	20.0	22.0	--
AUG							
06...	1125	0.44	340	7.40	26.0	24.0	--
SEP							
03...	0930	0.29	380	7.60	19.0	19.5	--
NOV							
02...	1220	8.9	120	7.40	17.0	14.0	--
DEC							
08...	1215	0.45	340	7.80	7.0	2.0	--
23...	1015	43	70	7.20	9.0	7.0	--
JAN 1971							
07...	1030	14	100	7.40	-4.0	2.0	--
FEB							
02...	1350	16	--	--	-3.0	0.5	--
MAR							
11...	1000	14	--	--	5.0	3.5	--
APR							
08...	1000	55	--	--	10.0	10.0	--
MAY							
13...	1000	89	--	--	16.0	15.0	--
OCT							
14...	0930	1.3	--	--	16.0	13.0	--
NOV							
07...	1045	2.2	--	--	8.0	9.0	--
DEC							
21...	1230	7.5	--	--	19.0	8.0	--
JAN 1972							
19...	1350	8.7	125	--	5.0	4.0	11.8
FEB							
16...	1420	22	95	--	9.0	4.0	12.5
MAR							
20...	1120	3.7	200	--	14.0	10.0	--
APR							
11...	1435	14	190	--	9.0	7.0	11.8
MAY							
10...	1330	20	--	--	14.0	13.0	--

# GUYANDOTTE RIVER BASIN

03202480 BRIER CREEK AT FANROCK, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
JUN 1972							
13...	1140	1.4	340	--	--	--	--
JUL							
12...	0920	1.5	200	--	20.0	17.0	8.6
AUG							
07...	1215	3.7	210	--	27.0	22.0	--
NOV							
09...	1530	7.9	--	--	--	11.0	--
DEC							
12...	1355	36	--	--	20.0	8.0	--
JAN 1973							
18...	0810	3.8	--	--	--	0.0	--
FEB							
13...	1310	8.6	--	--	--	3.0	--
MAR							
09...	0900	14	--	--	13.0	9.0	--
APR							
10...	0920	17	--	8.10	5.0	7.0	--
JUN							
19...	1740	0.91	--	--	30.0	27.0	--
JAN 1974							
08...	1745	14	--	--	3.0	5.5	--
FEB							
12...	1855	3.6	--	--	5.0	2.0	--
APR							
16...	1805	8.3	--	--	15.0	--	--
MAY							
14...	1600	16	--	--	25.0	--	--
JUN							
12...	1130	2.4	--	--	25.0	--	--
OCT							
17...	1215	3.9	--	--	15.0	12.0	--
NOV							
13...	1340	2.0	--	--	--	9.0	--
DEC							
14...	1335	8.9	--	--	--	4.0	--
JAN 1975							
07...	1535	7.5	--	--	5.0	5.5	--
APR							
24...	1405	8.5	--	--	26.0	15.0	--
MAY							
29...	1330	4.8	150	--	28.0	19.0	--
AUG							
13...	0900	0.68	290	--	27.0	22.0	--
SEP							
16...	1125	0.23	280	7.80	19.0	15.5	--

GUYANDOTTE RIVER BASIN

03202490 INDIAN CREEK AT FANROCK, WV

LOCATION.--Lat 37°34'01", long 81°39'08", Wyoming County, Hydrologic Unit 05070101, on left bank at Fanrock, 20 ft downstream from Brier Creek, 1.8 mi downstream from Stop Branch, and at mile 2.5.

DRAINAGE AREA.--41.3 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--June 1974 to September 1981.

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
DEC 1973							
03...	0910	15	90	--	-4.0	0.0	--
JUN 1974							
12...	1230	12	--	--	30.0	--	--
JUL							
17...	--	6.1	--	--	--	--	--
SEP							
18...	1459	1.8	--	--	--	--	--
OCT							
17...	1250	24	--	--	14.0	11.5	--
NOV							
13...	1430	7.9	--	--	--	8.0	--
DEC							
11...	1450	47	--	--	--	4.0	--
JAN 1975							
07...	1640	44	--	--	--	4.0	--
28...	1720	105	--	--	--	7.0	--
MAR							
13...	1110	671	--	--	--	8.0	--
APR							
24...	1240	53	--	--	23.0	13.0	--
MAY							
29...	1515	26	70	--	30.0	17.0	--
JUL							
16...	1030	57	--	--	--	18.0	--
AUG							
13...	1135	3.4	170	--	--	23.0	--
SEP							
16...	1245	2.7	200	7.60	--	--	--
24...	1450	78	--	--	--	--	--
30...	1630	6.8	120	7.80	--	16.5	6.9

# GUYANDOTTE RIVER BASIN

03202750 CLEAR FORK AT CLEAR FORK, WV

LOCATION.--Lat 37°37'23", long 81°42'27", Wyoming County, Hydrologic Unit 05070101, on left bank 0.2 mi downstream from Walls Branch, 0.7 mi upstream from Spratt Branch, 1.4 mi southwest of Clear Fork, and at mile 2.6.

DRAINAGE AREA.--126 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--June 1974 to current year. Prior to October 22, 1974, partial record station.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
DEC 1974							
12...	0940	254	--	--	--	5.0	--
JAN 1975							
09...	1300	192	--	--	--	6.0	--
29...	1200	318	--	--	--	6.5	--
MAR							
13...	0920	2920	--	--	--	8.0	--
27...	1045	460	--	--	--	4.0	--
APR							
24...	1030	195	--	--	21.0	12.0	--
MAY							
30...	0943	315	--	--	21.0	19.0	--
JUL							
15...	1535	51	--	--	23.0	23.0	--
AUG							
12...	1440	32	640	--	--	26.0	7.0
13...	0945	23	650	--	23.0	28.0	--
SEP							
16...	0945	19	825	7.40	--	16.0	--
17...	1030	18	560	7.60	--	16.5	9.7
30...	1730	34	530	7.60	--	18.0	--

# GUYANDOTTE RIVER BASIN

03202900 GUYANDOTTE RIVER NEAR JUSTICE, WV

LOCATION.--37°36'25", long 81°47'25", Wyoming County, on right bank 0.6 mi upstream from Cub Creek, 4.8 mi upstream from Little Huff Creek, 5.4 mi upstream from Justice, and 6.6 mi downstream from Clear Fork.

DRAINAGE AREA.--512 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1962 to September 1968.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1962				
05...	0925	265	--	25.5
APR 1963				
24...	1125	216	--	15.5
MAY				
23...	1625	442	19.5	18.5
JUN				
25...	1415	174	--	25.0
JUL				
31...	1510	127	29.0	27.0
SEP				
05...	1230	143	--	25.0
OCT 1964				
14...	0825	101	--	10.5
JUN 1965				
21...	1135	115	21.0	--
JUL				
27...	1000	86	--	26.0
SEP				
01...	1340	47	--	21.5
28...	1300	56	21.0	19.5
NOV				
09...	1245	37	--	17.0
DEC				
07...	1250	50	2.5	3.0
MAR 1966				
22...	1445	179	29.5	15.0
MAY				
24...	0730	194	--	20.5
JUN				
21...	1140	124	--	24.0
JUL				
20...	1545	77	31.0	25.5
AUG				
10...	1500	82	--	29.0
JUN 1967				
26...	1405	276	--	22.0
JUL				
26...	1025	223	--	24.0
26...	1300	158	21.0	14.5
NOV				
20...	1210	108	0.0	2.0
DEC				
19...	1455	2060	15.5	4.5
AUG 1968				
12...	1430	290	26.5	24.5
SEP				
18...	1255	78	21.0	19.5
OCT				
16...	1230	69	21.0	18.0

## GUYANDOTTE RIVER BASIN

03203600 GUYANDOTTE RIVER AT LOGAN, WV

LOCATION.--Lat 37°50'32", long 81°58'34", Logan County, Hydrologic Unit 05070101, on right bank 200 ft downstream from Middelburg Bridge at Logan, 0.8 mi downstream from Dingess Run, 1.1 mi upstream from Island Creek, and at mile 81.0.

DRAINAGE AREA.--833 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1960 to September 1962 (annual maximum only), October 1962 to current year. Gageheight records collected in this vicinity since November 1915 are contained in reports of National Weather Service.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1962				
04...	1345	144	--	26.0
APR 1963				
22...	1530	435	--	21.0
MAY				
24...	1245	522	22.0	18.0
JUN				
24...	1500	436	31.0	25.0
JUL				
30...	1300	213	26.0	26.5
OCT				
07...	1515	59	--	21.0
OCT 1964				
13...	1435	191	--	14.0
JUL 1965				
27...	1450	168	--	30.0
SEP				
02...	0820	104	--	20.0
27...	1250	143	--	19.5
NOV				
08...	1320	64	--	13.5
20...	0945	980	-3.0	--
JAN 1966				
17...	1230	93	-6.0	0.0
MAR				
21...	1545	307	24.0	13.5
MAY				
23...	1330	338	29.0	17.0
JUL				
20...	1120	148	24.0	25.5
AUG				
11...	0730	119	--	22.0
SEP				
12...	1745	72	--	25.0
JUN 1967				
27...	1540	328	--	25.5
JUL				
26...	1320	268	--	27.0
OCT				
23...	1025	285	18.5	13.5
NOV				
20...	1455	149	1.0	3.5
DEC				
18...	1255	1060	12.0	5.5
APR 1968				
29...	1300	970	7.0	--
JUN				
03...	1210	2360	20.0	10.0
AUG				
13...	1510	394	25.5	23.5
SEP				
17...	1505	118	26.5	20.5
OCT				
15...	1545	92	26.0	18.5
NOV				
20...	1600	928	0.5	6.5



GUYANDOTTE RIVER BASIN

03203600 GUYANDOTTE RIVER AT LOGAN, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
DEC 1968						
18...	0940	218	--	--	--	0.5
JAN 1969						
08...	1550	332	--	--	3.5	0.0
15...	1430	1430	305	--	1.0	0.0
MAR						
11...	1110	1380	--	--	3.5	--
APR						
07...	1610	1690	--	--	20.0	12.0
MAY						
06...	0845	574	--	--	18.5	12.0
JUN						
13...	0930	221	--	--	20.5	22.0
AUG						
18...	1330	144	--	--	26.5	26.0
SEP						
16...	1500	102	625	8.20	--	23.0
OCT						
13...	1500	88	800	7.60	26.0	19.0
NOV						
19...	1415	146	610	7.60	2.0	3.0
DEC						
17...	1415	305	340	7.40	2.0	4.0
JAN 1970						
13...	1515	480	500	7.30	2.0	1.5
FEB						
09...	1440	2560	280	7.30	2.0	3.0
MAR						
11...	1515	729	--	--	7.0	5.0
APR						
07...	1520	1640	260	7.30	10.0	8.0
MAY						
06...	1430	888	370	7.30	9.0	13.0
JUN						
10...	1320	29	575	7.70	29.0	24.0
JUL						
08...	1300	154	650	7.70	28.0	21.0
AUG						
05...	1450	98	775	7.40	24.0	26.0
31...	1520	92	625	7.40	--	25.5
OCT						
09...	1105	69	690	7.50	16.0	15.0
NOV						
04...	1130	1590	260	7.20	7.0	10.0
16...	1150	260	450	7.30	1.0	8.0
DEC						
07...	1250	123	590	8.10	0.0	3.0
JAN 1971						
05...	1710	7820	160	7.20	-1.0	3.0
FEB						
03...	--	1600	210	7.30	--	0.5
MAR						
09...	1645	245	190	7.00	9.0	2.5
APR						
07...	1630	1690	350	7.00	13.0	10.0
MAY						
11...	--	2160	270	7.40	--	15.0
JUN						
09...	0945	740	480	7.70	18.0	19.0
JUL						
12...	1420	881	300	7.20	27.5	23.0
SEP						
02...	0915	123	--	--	24.0	24.0
NOV						
16...	1615	318	--	--	21.0	10.0

GUYANDOTTE RIVER BASIN

03203600 GUYANDOTTE RIVER AT LOGAN, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
DEC 1971							
22...	1625	1020	--	--	8.0	6.0	--
JAN 1972							
18...	1530	1300	285	--	5.0	3.0	--
FEB							
14...	1120	5500	--	--	1.0	3.0	--
MAR							
22...	1055	8740	368	--	--	8.0	--
APR							
12...	0930	2640	340	--	14.0	9.0	--
MAY							
11...	1000	1800	--	--	16.0	13.0	--
JUN							
15...	0745	320	345	--	21.0	19.0	--
JUL							
11...	0900	515	430	--	21.0	20.0	--
OCT							
13...	1200	258	--	--	21.0	18.5	--
NOV							
13...	1240	962	--	--	18.0	--	--
DEC							
13...	1525	3200	--	--	9.0	8.0	--
JAN 1973							
17...	0830	638	--	--	0.0	2.0	--
FEB							
12...	1300	1500	230	--	--	1.5	--
APR							
30...	1330	4310	--	--	20.0	13.0	--
SEP							
05...	1150	143	--	--	--	23.0	--
OCT							
03...	1150	248	--	--	--	23.0	--
SEP 1974							
19...	1000	226	--	--	27.0	20.0	--
DEC							
09...	1640	3790	210	--	1.0	6.0	--
JAN 1975							
06...	1520	1550	--	--	12.0	9.0	--
MAY							
27...	1635	1430	--	--	36.0	22.0	--
AUG							
13...	0915	214	500	7.20	--	25.5	8.0
SEP							
17...	1125	141	850	7.60	--	19.0	--
30...	1400	240	450	8.10	--	21.0	8.9

# GUYANDOTTE RIVER BASIN

03203670 WHITMAN CREEK AT WHITMAN, WV

LOCATION.--Lat 37°48'28", long 82°01'42", Logan County, Hydrologic Unit 05070101, on right bank 75 ft upstream from abandoned bridge off Secondary State Route 9/1, 0.8 mi south of Whitman, and at mile 2.0.

DRAINAGE AREA.--10.9 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--April 1969 to September 1977.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAY 1969						
07...	1410	48	--	--	--	22.0
JUN						
09...	1510	0.85	--	--	17.0	21.0
JAN 1970						
14...	1510	2.5	425	7.20	3.0	1.5
FEB						
10...	1645	78	160	7.30	0.0	2.0
MAR						
11...	1240	11	260	7.30	5.0	4.0
APR						
08...	1505	16	225	7.30	12.0	9.0
MAY						
05...	1510	13	230	7.40	15.0	12.0
JUN						
09...	1515	1.1	325	7.50	28.0	24.0
SEP						
01...	1515	0.10	360	7.20	--	27.0
NOV						
04...	1330	13	200	7.30	6.0	9.0
DEC						
07...	1120	0.54	350	8.20	-1.0	1.5
22...	1330	65	115	6.60	8.0	6.0
JAN 1971						
04...	1330	31	170	7.20	6.0	4.0
FEB						
03...	0850	14	--	--	-1.0	1.0
MAR						
10...	1500	33	--	--	1.0	2.0
APR						
07...	1400	11	--	--	13.0	10.0
JUN						
09...	1040	4.4	--	--	20.0	19.0
JUL						
21...	1530	3.8	--	--	27.0	23.0
DEC						
21...	1725	1.0	--	--	12.0	6.0
JAN 1972						
17...	1115	20	220	--	-2.0	3.0
FEB						
14...	1245	80	120	--	3.0	3.0
MAR						
22...	1220	15	190	--	--	--
APR						
12...	1120	36	--	--	16.0	11.0
MAY						
11...	0800	6.4	--	--	10.0	13.0
JUN						
12...	1150	1.7	315	--	--	--
JUL						
11...	1100	0.89	--	--	22.0	20.0
AUG						
09...	1340	4.6	240	--	27.0	21.0
DEC						
14...	0835	30	--	--	4.0	7.0

GUYANDOTTE RIVER BASIN

03203670 WHITMAN CREEK AT WHITMAN, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1973						
17...	1200	6.4	--	--	13.0	3.0
FEB						
12...	1115	21	180	--	8.0	3.0
MAR						
12...	1100	16	190	--	18.0	12.0
APR						
16...	1110	14	185	7.90	18.0	12.0
JUL						
16...	1130	0.95	--	--	--	22.0
DEC						
05...	1220	7.8	--	--	18.0	7.0
MAY 1974						
15...	1100	26	--	--	25.0	--
OCT						
15...	1530	0.10	--	--	12.0	14.0
NOV						
11...	1345	0.83	--	--	14.5	11.5
DEC						
09...	1445	40	145	--	10.5	6.0
JAN 1975						
06...	1400	20	--	--	11.0	8.5
MAR						
04...	1800	5.5	--	--	8.0	6.0
25...	1445	76	--	7.00	12.0	10.0
MAY						
27...	1505	15	80	--	35.0	21.0
AUG						
14...	1140	0.28	290	--	37.0	27.0
SEP						
17...	1505	0.43	420	8.30	--	19.0

# GUYANDOTTE RIVER BASIN

03204000 GUYANDOTTE RIVER AT BRANCHLAND, WV  
(National stream-quality accounting network station)

LOCATION.--Lat 38°13'15", long 82°12'10", Lincoln County, Hydrologic Unit 05070102, on right bank at upstream side of highway bridge at Branchland, opposite mouth of Fourmile Creek, and at mile 35.3. Records include flow of Fourmile Creek.

DRAINAGE AREA.--1,224 mi<sup>2</sup>, includes that of Fourmile Creek.

PERIOD OF STREAMFLOW RECORD.--July 1915 to September 1917, October 1917 to September 1922 (gage heights only), December 1928 to current year. Prior to October 1959, published as Guyandot River at Branchland. Monthly discharge only for July to September 1916, published in WSP 1305.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					AUG 1949				
02...	1735	293	22.5	26.0	01...	1555	205	28.0	24.5
AUG					OCT				
01...	2000	790	29.0	27.0	14...	1315	115	22.0	19.5
SEP					DEC				
04...	1450	73	29.5	25.0	09...	1030	465	1.0	3.0
OCT					JAN 1950				
03...	1415	137	21.5	18.5	02...	1300	1540	15.0	7.0
DEC					MAR				
03...	1700	1540	6.0	6.0	06...	1420	1560	18.5	5.5
APR 1946					APR				
01...	1700	1050	25.5	17.0	03...	1350	1880	20.5	10.0
MAY					MAY				
06...	1620	3910	21.0	13.5	02...	1315	897	20.0	18.5
JUN					JUN				
03...	1900	948	20.5	17.0	05...	1310	1840	22.5	20.0
JUL					JUL				
01...	1925	640	29.5	25.0	11...	1750	537	29.0	28.0
AUG					AUG				
05...	1410	119	28.5	26.5	14...	1635	398	31.0	26.0
SEP					JAN 1951				
02...	1730	136	25.0	20.5	02...	1350	580	8.5	3.5
20...	1130	47	22.5	20.5	FEB				
OCT					05...	1550	3740	6.5	2.0
24...	1130	43	21.5	15.0	MAY				
NOV					21...	1345	810	24.5	21.5
04...	1635	76	18.5	17.0	JUN				
DEC					25...	1255	443	30.0	21.5
03...	1445	111	6.0	1.5	SEP				
JAN 1947					04...	1340	704	--	28.0
07...	1650	1130	4.0	4.0	OCT				
APR					08...	1610	116	13.0	18.5
02...	1500	3330	24.0	11.0	DEC				
MAY					18...	1430	2870	2.0	4.5
05...	1345	791	13.5	16.5	MAR 1952				
JUN					24...	1635	22700	9.0	7.0
02...	1415	320	24.0	24.5	OCT				
JUL					06...	1140	63	24.5	17.0
08...	1350	188	25.5	24.0	MAR 1953				
AUG					27...	1445	3550	10.0	6.0
04...	2000	1320	31.5	23.5	JUL				
OCT					27...	1325	222	35.0	30.0
06...	1730	87	21.0	20.5	OCT				
NOV					05...	1305	41	--	22.0
12...	1645	398	8.0	11.0	DEC				
JUL 1948					21...	1230	142	9.0	1.0
12...	1445	192	28.0	30.0	JUN 1954				
AUG					07...	1225	394	28.0	20.5
03...	1325	248	23.5	25.5	JUL				
SEP					13...	1155	194	36.5	27.0
14...	1420	129	29.0	24.5	OCT				
OCT					08...	1640	140	19.5	17.0
06...	1530	50	15.0	14.5	NOV				
NOV					18...	1145	362	24.0	13.0
04...	1800	68	17.5	15.5	JAN 1955				
APR 1949					20...	1350	1610	5.0	1.5
18...	1515	1930	16.0	11.5	JUN				
JUN					29...	1200	275	30.5	24.0
13...	1335	200	31.5	28.0	OCT				
JUL					31...	1150	64	14.5	8.0
05...	1205	130	33.5	30.0					

# GUYANDOTTE RIVER BASIN

03204000 GUYANDOTTE RIVER AT BRANCLAND, WV--Continued  
(National stream-quality accounting network station)

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
DEC 1955				
07...	1225	281	5.0	8.0
JAN 1956				
12...	1120	127	1.0	0.0
MAR				
20...	1300	7990	4.5	--
JUL				
11...	1010	348	24.5	--
SEP				
13...	1050	211	26.0	21.0
JUL 1957				
08...	1040	116	30.5	28.5
SEP				
05...	1130	53	25.0	26.0
OCT				
08...	1320	182	26.5	15.5
JUN 1958				
09...	1535	650	25.5	22.0
SEP				
15...	1430	180	--	21.5
OCT				
20...	1450	121	--	15.5
NOV				
17...	1525	157	--	15.5
DEC				
18...	1205	189	--	0.0
JUN 1959				
19...	1325	200	--	22.0
NOV				
02...	1305	278	--	13.5
JAN 1960				
19...	1055	2420	1.0	--
JUN				
21...	1505	210	25.0	24.5
SEP				
08...	1455	102	--	27.0
NOV				
21...	1540	155	13.5	5.5
DEC				
19...	1445	254	2.0	3.0
FEB 1961				
07...	1050	491	-2.0	1.0
AUG				
25...	1200	188	22.5	19.5
OCT				
04...	1525	499	--	15.0
MAY 1962				
15...	1110	596	--	23.0
SEP				
06...	1515	220	--	23.5
NOV				
07...	1325	286	--	8.0
JUL 1963				
08...	1355	319	--	23.5
JUN 1965				
15...	1140	245	--	22.5
AUG				
17...	1320	96	--	28.5
OCT				
04...	1055	137	--	17.0
22...	1025	96	--	17.0
NOV				
18...	1050	85	--	6.5
DEC				
15...	1020	82	--	5.5

# GUYANDOTTE RIVER BASIN

03204000 GUYANDOTTE RIVER AT BRANCLAND, WV--Continued  
(National stream-quality accounting network station)

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1966						
19...	1010	120	--	--	--	0.0
JUL						
27...	0915	95	--	--	29.0	31.0
AUG						
16...	0930	273	--	--	--	24.0
DEC						
07...	1200	2450	--	--	14.5	6.0
JUN 1967						
15...	0945	440	600	7.80	--	26.5
NOV						
14...	1050	269	--	--	3.5	3.0
JUL 1968						
15...	1040	308	--	--	25.5	21.0
AUG						
19...	1125	613	--	--	30.0	25.5
SEP						
30...	1015	105	--	--	20.5	19.0
NOV						
12...	1050	377	--	--	3.5	6.0
JAN 1969						
28...	1200	1060	--	--	3.5	1.0
MAR						
10...	1210	977	--	--	-2.0	3.0
APR						
14...	1150	1350	--	--	19.0	8.0
JUN						
16...	1020	368	--	--	20.0	22.0
JUL						
28...	1110	250	700	--	29.5	27.0
SEP						
08...	1200	564	--	--	22.0	23.0
OCT						
28...	1125	99	1000	7.60	18.0	10.0
DEC						
08...	1115	151	710	7.40	4.0	3.0
JAN 1970						
19...	1200	660	540	7.10	-2.0	2.0
FEB						
18...	1245	11900	210	6.80	5.0	4.0
MAR						
16...	1130	1950	325	7.30	-2.0	4.0
APR						
20...	1200	1570	330	7.20	16.0	11.0
MAY						
18...	1220	1190	385	6.90	19.0	16.0
JUN						
17...	1450	275	700	7.50	30.0	25.0
JUL						
20...	1130	151	900	7.30	28.0	26.0
AUG						
17...	1200	106	900	7.30	26.0	27.0
SEP						
28...	1120	321	690	7.30	11.0	19.0
NOV						
09...	1200	747	340	7.20	16.0	9.0
DEC						
14...	1220	514	500	7.30	4.0	6.0
JAN 1971						
18...	1220	2400	240	6.80	-2.0	2.0
MAR						
01...	1230	1290	400	7.30	--	2.0
APR						
12...	1210	2240	--	--	19.0	12.0

# GUYANDOTTE RIVER BASIN

03204000 GUYANDOTTE RIVER AT BRANCHLAND, WV--Continued  
(National stream-quality accounting network station)

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
MAY 1971							
17...	1230	3830	--	7.00	25.0	17.0	--
JUN							
14...	1230	1130	--	--	29.0	21.0	--
JUL							
23...	1340	1500	--	--	27.0	23.0	--
SEP							
15...	1300	2450	--	--	24.0	21.0	--
NOV							
03...	1320	1390	355	--	15.0	13.0	--
JAN 1972							
07...	1125	10400	205	--	0.0	9.0	--
MAR							
15...	1125	1450	--	--	18.0	9.0	--
APR							
18...	--	9030	205	--	20.0	12.0	--
JUN							
21...	1230	1810	315	--	24.0	21.0	--
SEP							
19...	1050	268	--	--	22.0	19.0	--
DEC							
20...	1200	2970	--	--	12.0	6.0	--
JAN 1973							
17...	1100	935	335	--	3.0	1.0	--
MAR							
13...	1150	1950	340	--	--	--	--
MAY							
17...	1105	1190	335	7.30	15.0	13.0	--
JUN							
12...	1125	929	420	7.20	26.0	25.0	--
SEP							
27...	1010	132	--	--	19.0	22.0	--
JAN 1974							
24...	1245	1640	--	--	8.0	18.0	--
OCT							
08...	0930	141	--	--	4.0	11.0	--
MAR 1975							
19...	1550	4750	--	--	11.5	7.5	--
MAY							
14...	1015	1920	--	--	23.0	15.0	--
JUN							
10...	1335	946	--	--	26.0	16.0	--
AUG							
11...	1700	458	410	7.70	--	24.0	7.2
SEP							
11...	1025	157	700	7.80	--	24.0	--
18...	1645	235	540	7.90	--	20.5	8.1
24...	1110	2160	261	--	--	--	--
30...	1045	345	500	8.00	--	17.0	9.0



# GUYANDOTTE RIVER BASIN

03204500 MUD RIVER NEAR MILTON, WV

LOCATION.--Lat 38°23'15", long 82°06'46", Cabell County, Hydrologic Unit 05070102, on right bank 75 ft downstream from highway bridge, 700 ft downstream from Little Twomile Creek, 0.9 mi upstream from Charley Creek, 3.4 mi south of Milton, and at mile 25.3.

DRAINAGE AREA.--256 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--February 1938 to September 1980.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					JUN 1949				
02...	1355	22	23.5	24.0	13...	1000	12	30.0	23.5
SEP					JUL				
04...	1130	0.95	25.0	20.0	05...	0835	6.6	25.5	25.5
OCT					OCT				
03...	1125	4.1	16.5	16.0	14...	1530	0.46	18.0	18.0
NOV					NOV				
05...	1510	132	19.0	10.0	03...	1610	33	6.5	9.5
DEC					DEC				
03...	1410	221	8.5	5.0	09...	1400	176	2.0	2.0
APR 1946					JAN 1950				
01...	1320	237	25.5	14.0	02...	1430	106	16.0	5.5
MAY					MAR				
06...	1215	637	21.0	13.5	06...	1025	111	8.0	4.0
JUN					APR				
03...	1515	1540	16.5	20.5	03...	1005	190	14.0	9.5
JUL					MAY				
01...	1505	131	28.5	24.0	02...	0945	78	16.0	17.0
AUG					JUL				
05...	1100	8.5	26.5	23.5	10...	1555	119	26.0	21.5
SEP					AUG				
20...	0930	2.3	19.5	17.0	14...	1150	22	29.0	25.5
OCT					FEB 1951				
01...	1315	3.2	22.0	16.5	01...	1030	91	3.5	1.0
24...	0930	1.2	16.5	12.0	05...	1200	509	2.0	1.0
NOV					MAR				
04...	1250	8.2	18.5	15.5	12...	1015	260	8.0	6.5
DEC					APR				
03...	1100	22	1.0	3.0	16...	1105	452	11.0	4.5
JAN 1947					MAY				
06...	1630	188	0.0	3.5	21...	0950	58	20.0	20.0
APR					JUN				
02...	1100	240	15.5	10.0	25...	1005	45	28.5	24.5
MAY					JUL				
05...	1040	219	12.0	13.0	31...	1020	6.6	28.5	25.0
JUN					SEP				
02...	1130	38	24.0	19.0	04...	1105	26	23.5	22.0
JUL					OCT				
08...	1015	20	20.0	20.5	08...	1220	2.7	14.0	17.0
AUG					DEC				
04...	1430	152	32.0	24.0	18...	1040	319	4.0	1.5
OCT					FEB 1952				
06...	1420	7.6	23.5	17.0	04...	1055	1420	12.0	5.0
NOV					MAR				
02...	1630	4.2	12.0	13.0	24...	1240	4490	6.5	10.0
12...	1250	14	9.5	8.5	MAY				
DEC					02...	0950	258	--	16.0
01...	1400	20	8.0	2.0	JUN				
MAY 1948					30...	1055	141	25.5	20.5
19...	1630	87	20.0	18.0	OCT				
JUL					06...	0950	0.54	22.0	20.0
12...	1145	15	28.0	24.0	NOV				
AUG					14...	0935	0.81	--	4.0
03...	1035	17	20.5	23.0	DEC				
SEP					22...	0945	79	6.5	5.0
14...	1135	1.0	25.0	20.5	FEB 1953				
OCT					04...	0945	134	1.5	5.0
06...	1100	1.4	11.5	13.0	MAR				
NOV					27...	1020	671	6.0	8.5
05...	0935	20	15.0	12.0					
APR 1949									
18...	1135	253	10.5	9.5					

GUYANDOTTE RIVER BASIN  
03204500 MUD RIVER NEAR MILTON, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
APR 1953					NOV 1958				
30...	0925	88	16.5	15.5	17...	1220	6.8	--	14.5
JUN					DEC				
16...	1035	117	29.5	21.5	18...	1445	21	3.5	0.5
JUL					MAR 1959				
06...	1125	283	29.5	21.0	09...	1450	244	8.0	4.5
OCT					MAY				
06...	1035	0.32	--	16.5	18...	1110	139	--	14.0
DEC					JUN				
21...	1005	2.1	6.0	5.5	19...	0945	7.9	--	18.0
JUN 1954					NOV				
07...	1000	13	27.0	26.5	02...	1000	5.7	--	11.0
JUL					DEC				
13...	0950	6.0	32.0	23.5	21...	1405	12	1.0	--
AUG					JAN 1960				
10...	1015	313	--	20.5	19...	1335	488	--	--
NOV					APR				
18...	1535	36	23.5	11.5	12...	1430	144	16.5	11.5
DEC					MAY				
15...	1325	377	6.0	4.5	17...	1635	183	28.5	19.5
JAN 1955					JUN				
20...	1630	173	6.5	1.5	21...	1155	14	--	19.5
APR					24...	1240	183	--	20.0
14...	0930	2060	22.0	15.0	JUL				
MAY					25...	1310	18	31.5	25.0
12...	1500	52	23.0	18.5	OCT				
JUN					18...	1305	10	15.5	16.0
29...	1400	27	26.5	21.0	NOV				
DEC					21...	1325	19	--	5.5
07...	1440	14	8.0	5.5	DEC				
JAN 1956					19...	1245	30	2.0	0.5
12...	1340	173	6.5	1.5	JAN 1961				
FEB					06...	1500	132	10.0	3.0
29...	1230	323	8.0	--	FEB				
MAR					06...	1540	94	-1.0	1.0
20...	1550	804	5.0	--	APR				
APR					25...	1330	292	25.5	16.5
13...	1110	242	15.0	10.0	MAY				
JUN					08...	1215	3550	24.0	--
08...	1220	640	28.0	--	08...	1450	3710	28.0	--
OCT					OCT				
29...	1455	8.3	17.0	14.0	06...	1025	32	--	12.0
JAN 1957					NOV				
03...	1345	72	-2.0	0.0	17...	1330	68	--	11.0
FEB					MAY 1962				
19...	1420	148	2.0	4.5	14...	1015	69	--	20.0
MAR					JUN				
25...	1340	147	13.5	9.0	15...	1010	29	--	18.5
MAY					SEP				
02...	0930	55	18.5	18.0	07...	1020	4.6	--	18.5
JUL					NOV				
08...	0810	2.3	28.0	24.0	07...	1045	32	--	6.5
SEP					JUN 1963				
05...	1040	0.05	22.0	20.5	03...	1100	63	29.0	19.5
OCT					JUL				
08...	1500	6.3	26.5	14.5	08...	1055	9.6	--	20.5
MAR 1958					DEC				
10...	1150	396	2.0	4.0	09...	1305	13	--	2.0
JUN					JUL 1964				
09...	1125	33	26.5	24.0	06...	0915	1.4	--	26.5
JUL					JAN 1965				
15...	1020	59	31.0	24.0	05...	1010	293	--	1.5
SEP					JUL				
15...	1110	3.7	--	19.0	14...	0835	25	--	23.0
OCT					AUG				
20...	1100	1.7	--	15.0	17...	0955	2.2	--	24.5

**GUYANDOTTE RIVER BASIN**  
**03204500 MUD RIVER NEAR MILTON, WV--Continued**

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1965						
22...	1320	2.6	--	--	--	16.5
NOV						
18...	1350	2.0	--	--	--	6.5
DEC						
15...	1205	3.4	--	--	--	5.0
JAN 1966						
19...	1210	15	--	--	--	0.5
JUN						
15...	1300	5.8	--	--	26.5	24.0
JUL						
20...	1300	11	--	--	--	25.0
AUG						
17...	1403	7.9	--	--	--	25.0
SEP						
16...	1240	2.6	--	--	--	17.5
DEC						
07...	1455	492	--	--	14.0	6.0
JUN 1967						
15...	1240	17	98	6.80	--	25.0
AUG						
03...	1300	30	--	--	--	21.5
SEP						
06...	1240	1.7	--	--	25.5	--
NOV						
14...	1325	6.4	--	--	3.5	1.0
FEB 1968						
12...	1235	82	--	--	-7.0	1.5
APR						
02...	1500	984	--	--	12.5	1.5
JUN						
10...	1355	60	--	--	25.5	29.5
AUG						
18...	1430	765	--	--	30.0	25.5
SEP						
30...	1335	5.7	--	--	22.0	18.5
NOV						
12...	1415	25	--	--	2.0	6.5
DEC						
13...	1330	77	--	--	7.0	1.5
JAN 1969						
28...	1520	125	--	--	2.0	1.0
MAR						
10...	1415	61	--	--	-2.0	2.0
APR						
14...	1425	109	--	--	19.0	9.0
MAY						
19...	1415	106	--	--	24.5	19.0
JUN						
16...	1340	83	--	--	15.5	23.0
JUL						
28...	1330	36	140	--	30.5	26.0
SEP						
08...	1420	258	110	--	24.5	23.0
OCT						
28...	1440	9.8	190	7.20	18.0	9.0
DEC						
08...	1400	96	148	7.30	5.0	4.0
JAN 1970						
19...	1410	348	140	7.30	-3.0	2.0
FEB						
18...	1520	1040	90	7.10	6.0	4.0
MAR						
16...	1400	417	100	7.40	2.0	5.0

GUYANDOTTE RIVER BASIN  
03204500 MUD RIVER NEAR MILTON, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
APR 1970						
20...	1430	308	110	7.20	20.0	12.0
MAY						
18...	1445	193	108	6.90	20.0	16.0
JUN						
16...	1320	17	140	7.20	27.0	24.0
JUL						
20...	1345	6.7	145	7.00	24.0	25.0
AUG						
17...	1400	3.8	170	7.40	29.0	26.0
SEP						
28...	1345	77	170	7.40	19.0	20.0
NOV						
09...	1415	105	125	7.20	17.0	10.0
DEC						
14...	1520	30	108	7.40	6.0	5.0
JAN 1971						
18...	1520	280	100	6.90	-1.0	2.0
MAR						
01...	1500	280	120	7.20	13.0	3.0
APR						
12...	1430	146	100	6.80	29.0	14.0
MAY						
17...	1500	712	115	7.20	26.0	17.0
JUN						
14...	1425	2810	90	6.80	31.0	20.0
JUL						
27...	1210	157	--	--	24.0	22.0
SEP						
15...	1010	106	--	--	17.0	19.0
NOV						
03...	1020	340	112	--	14.0	13.0
DEC						
06...	1210	80	--	--	13.0	4.0
JAN 1972						
07...	1430	681	85	--	4.0	10.0
31...	1245	431	95	--	-2.0	4.0
MAR						
15...	1300	172	120	--	21.0	9.0
APR						
18...	1430	695	90	--	20.0	12.0
MAY						
16...	1300	1050	--	--	21.0	14.0
JUN						
21...	1020	58	--	--	23.0	21.0
JUL						
17...	1110	7.0	--	--	24.0	20.0
AUG						
15...	1250	13	210	--	28.0	22.0
SEP						
19...	1230	6.0	--	--	26.0	21.0
OCT						
18...	0925	14	--	--	7.0	11.0
NOV						
14...	1020	170	--	--	15.0	9.0
DEC						
20...	1345	425	--	--	14.0	7.0
JAN 1973						
17...	1300	101	150	--	4.0	1.0
FEB						
08...	1140	589	98	--	1.0	2.0
APR						
10...	1100	1340	75	8.80	--	--
MAY						
17...	1255	134	148	7.40	18.0	14.0

GUYANDOTTE RIVER BASIN  
03204500 MUD RIVER NEAR MILTON, WV--Continued  
WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
JUN 1973							
12...	1255	44	145	7.20	27.0	25.0	--
JUL							
10...	1200	15	215	7.30	--	--	--
AUG							
16...	1000	9.5	--	--	--	22.5	--
SEP							
21...	1010	4.6	--	--	14.0	18.0	--
NOV							
09...	1300	63	150	--	7.0	7.0	--
JUL 1974							
03...	1250	114	--	--	31.0	20.0	--
SEP							
10...	1155	105	--	--	20.0	19.0	--
OCT							
03...	1115	22	150	8.00	--	10.0	10.8
08...	1320	13	--	--	17.0	10.5	--
DEC							
04...	1145	763	120	7.40	--	4.5	9.6
JAN 1975							
30...	1330	516	104	8.10	--	7.5	9.7
MAR							
18...	1520	472	90	--	12.0	9.0	--
20...	1230	710	105	7.50	--	7.5	9.8
APR							
16...	0900	128	110	7.90	--	8.0	10.6
17...	1025	108	--	--	17.0	10.5	--
MAY							
14...	1350	124	120	--	22.0	19.0	--
27...	1015	80	155	7.70	--	22.0	6.9
JUN							
10...	1455	74	120	--	27.0	18.5	--
23...	1100	22	170	7.20	--	23.5	--
JUL							
22...	1330	63	185	7.30	--	23.5	7.5
AUG							
11...	1430	13	--	--	--	23.5	--
14...	1130	7.5	165	7.50	--	25.0	7.5
SEP							
17...	1430	19	100	7.40	--	17.5	8.4

TWELVEPOLE CREEK BASIN

03206600 EAST FORK TWELVEPOLE CREEK NEAR DUNLOW, WV

LOCATION.--Lat 38°01'02", long 82°17'46", Wayne County, Hydrologic Unit 05090102, on left bank 0.2 mi upstream from Maynard Branch, 0.9 mi downstream from McComas Branch, 1.5 mi upstream from Devilstrace Branch, and 7.5 mi east of Dunlow, and at mile 60.2.

DRAINAGE AREA.--38.5 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1964 to current year.

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1965				
28...	1350	14	--	24.5
AUG				
31...	0905	0.30	--	17.0
SEP				
29...	1150	1.2	--	16.0
NOV				
10...	1125	1.6	--	11.5
DEC				
09...	1150	1.3	--	2.0
MAR 1966				
02...	1320	63	--	6.0
23...	1250	11	25.5	15.0
JUL				
12...	1105	<0.01	--	19.0
22...	1215	0.19	--	22.0
AUG				
11...	1150	0.09	--	22.0
SEP				
12...	1105	0.04	--	19.0
OCT				
21...	1140	12	--	10.5
JAN 1967				
11...	1145	15	-5.5	0.5
JUN				
27...	1200	2.5	--	23.5
JUL				
25...	1300	1.6	--	25.5
OCT				
25...	1150	2.7	15.5	12.0
NOV				
22...	1150	1.7	1.0	3.0
DEC				
21...	1115	38	14.0	4.5
FEB 1968				
01...	1025	38	--	6.0
APR				
11...	1125	56	--	10.5
JUN				
06...	1130	27	25.5	11.0
SEP				
15...	1115	23	26.5	23.5
16...	1220	1.7	24.5	21.0
OCT				
14...	1230	2.5	22.0	15.5
NOV				
18...	1200	28	5.5	7.0
DEC				
16...	1110	8.7	-11.5	1.0
JAN 1969				
08...	1100	15	-6.5	0.0
13...	1130	8.3	-10.5	0.0
FEB				
12...	1050	96	-1.0	2.0
APR				
07...	1130	71	7.0	6.0

TWELVEPOLE CREEK BASIN

03206600 EAST FORK TWELVEPOLE CREEK NEAR DUNLOW, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1969						
09...	1150	3.2	--	--	15.5	22.0
JUL						
08...	1145	15	63	--	25.5	26.0
15...	1125	1.8	105	7.60	22.0	22.0
AUG						
07...	1135	1.0	98	--	26.5	24.0
OCT						
13...	1130	0.43	130	7.40	24.0	19.0
NOV						
17...	1140	4.7	112	7.90	6.5	2.0
DEC						
15...	1130	28	70	7.20	0.0	4.0
JAN 1970						
12...	1250	19	80	7.10	0.0	2.0
FEB						
12...	1255	119	60	7.20	0.0	2.0
MAR						
09...	1130	71	65	7.30	9.0	5.0
APR						
06...	1140	92	60	7.20	10.0	9.0
MAY						
04...	1145	45	60	7.20	14.0	12.0
JUN						
08...	1150	2.6	95	7.70	26.0	22.0
JUL						
06...	1145	2.2	92	7.20	22.0	21.5
AUG						
03...	1145	0.02	150	7.20	27.0	26.0
31...	1130	0.45	95	7.20	--	26.0
OCT						
06...	1200	2.8	115	7.30	15.0	12.0
NOV						
05...	1330	70	72	7.20	11.0	9.0
DEC						
09...	1305	6.6	340	8.30	12.0	3.0
JAN 1971						
06...	1715	160	45	7.20	1.0	4.0
FEB						
01...	1300	79	52	7.10	-7.0	0.5
MAR						
08...	1130	174	--	--	-2.0	1.5
APR						
05...	1200	27	60	6.70	15.0	9.0
MAY						
10...	1530	129	60	7.50	24.0	15.0
JUN						
07...	1210	6.7	--	7.30	27.0	22.0
JUL						
14...	1035	48	65	7.20	24.0	20.0
AUG						
11...	1330	11	--	--	26.5	23.0
OCT						
12...	1150	1.7	--	--	18.0	16.0
NOV						
16...	1100	6.0	--	--	18.0	11.0
DEC						
20...	1140	26	--	--	14.0	7.0
JAN 1972						
18...	1130	51	62	--	3.0	1.0
FEB						
15...	1135	176	55	--	4.0	3.0
MAR						
23...	1110	87	67	--	2.5	5.0

TWELVEPOLE CREEK BASIN

03206600 EAST FORK TWELVEPOLE CREEK NEAR DUNLOW, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
APR 1972						
10...	1115	143	47	--	7.0	6.0
MAY						
09...	1140	50	--	--	10.0	15.0
JUN						
15...	1045	5.9	98	--	25.0	19.0
JUL						
10...	1205	2.0	96	--	25.0	20.0
AUG						
10...	1055	6.4	98	--	26.0	22.0
OCT						
12...	1045	2.1	--	--	20.0	14.0
NOV						
16...	1050	24	--	--	--	5.0
DEC						
14...	1055	88	--	--	4.0	7.0
JAN 1973						
15...	1145	24	--	--	2.5	0.0
FEB						
15...	1100	164	60	--	--	5.0
MAR						
13...	1130	51	60	--	20.0	9.0
APR						
12...	1115	98	55	7.90	10.0	6.0
MAY						
01...	1040	113	--	--	22.0	13.0
JUN						
14...	1125	8.6	--	--	25.0	22.0
JUL						
17...	1230	2.7	--	--	28.0	22.0
SEP						
06...	1200	0.02	--	--	--	24.0
JAN 1974						
07...	1250	109	--	--	2.0	6.0
APR						
18...	1415	40	--	--	21.0	10.0
JUN						
11...	1330	13	--	--	--	20.5
SEP						
17...	1235	8.1	--	--	11.0	18.5
OCT						
07...	1630	1.3	--	--	15.0	12.5
MAR 1975						
11...	1110	65	--	--	6.0	3.5
APR						
15...	1025	28	50	6.20	--	7.0
MAY						
13...	1100	26	50	--	19.0	16.0
JUN						
09...	1120	28	60	--	24.0	15.0
AUG						
12...	1505	6.0	70	7.10	--	24.0
22...	1215	5.0	100	7.40	30.5	25.0



# TWELVEPOLE CREEK BASIN

03206790 EAST FORK TWELVEPOLE CREEK BELOW EAST LYNN DAM, WV

LOCATION.--Lat 38°08'52", long 82°23'00", Wayne County, Hydrologic Unit 05090102, on left bank 800 ft downstream from Laurel Creek, 1,700 ft downstream from East Lynn Dam, 1.4 mi south of East Lynn, and at mile 41.7.

DRAINAGE AREA.--138 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--June 1962 to September 1982, October 1982 to current year (gage height, discharge measurements and annual maximum discharge only). Prior to October 1967 published as near East Lynn.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1967						
29...	1050	5.1	--	--	--	22.0
JUL						
27...	0850	3.7	--	--	--	24.0
FEB 1968						
14...	1110	40	--	--	-9.0	1.5
JUL						
16...	1030	14	--	--	25.5	21.0
AUG						
20...	1025	79	--	--	31.0	25.5
OCT						
02...	1300	1.3	--	--	24.0	18.5
NOV						
13...	1050	50	--	--	1.5	8.0
DEC						
13...	1155	57	--	--	--	2.0
JAN 1969						
30...	1035	98	--	--	14.5	1.0
MAR						
12...	1040	56	--	--	-6.0	2.0
APR						
15...	1310	108	--	--	17.5	12.0
MAY						
20...	1015	84	--	--	19.5	18.0
JUN						
17...	1020	12	--	--	14.5	22.0
JUL						
29...	1035	2.7	--	--	24.0	23.0
SEP						
09...	1100	52	118	--	15.5	21.0
OCT						
29...	1040	2.3	--	--	4.5	8.0
DEC						
09...	1045	21	90	7.20	2.0	4.0
31...	1310	3890	48	6.80	--	3.0
JAN 1970						
20...	1115	72	75	6.80	-3.0	1.0
FEB						
19...	1130	412	65	7.00	2.0	4.0
MAR						
17...	1325	188	65	7.30	1.0	4.0
APR						
21...	1120	284	65	7.10	18.0	16.0
MAY						
19...	1035	98	69	6.70	14.0	16.0
JUN						
17...	1150	3.3	130	7.20	27.0	24.0
JUL						
21...	1215	3.8	120	6.90	18.0	23.0
AUG						
18...	1230	1.6	130	7.30	29.0	27.0
SEP						
29...	1215	42	95	7.50	13.0	17.0
NOV						
10...	1255	85	88	7.30	21.0	12.0
DEC						
15...	1215	125	77	7.60	4.0	4.0

TWELVEPOLE CREEK BASIN

03206790 EAST FORK TWELVEPOLE CREEK BELOW EAST LYNN DAM, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
JAN 1971							
20...	1150	128	65	7.00	-3.0	0.5	--
MAR							
02...	1240	119	60	7.00	14.0	8.0	--
APR							
13...	1350	114	70	6.90	33.0	15.0	--
JUN							
16...	1340	409	--	--	30.0	20.0	--
JUL							
23...	1110	198	--	--	24.0	23.0	--
SEP							
14...	1230	27	--	--	24.0	23.0	--
NOV							
04...	1300	132	80	--	23.0	14.0	--
DEC							
09...	1430	243	--	--	7.0	10.0	--
JAN 1972							
10...	1420	942	57	--	12.0	8.0	10.4
FEB							
09...	1320	182	65	--	-4.0	2.0	--
MAR							
16...	1210	103	72	--	8.0	10.0	--
APR							
19...	1250	572	58	--	20.0	11.0	10.6
MAY							
18...	1400	470	--	--	18.0	14.0	--
JUN							
22...	1400	159	74	--	21.0	19.0	--
JUL							
20...	1310	6.4	125	--	28.0	24.0	7.5
AUG							
17...	1305	7.9	125	--	31.0	22.0	--
SEP							
20...	1210	7.3	--	--	22.0	21.0	--
OCT							
19...	1250	9.4	--	--	8.0	11.0	--
NOV							
16...	1340	137	--	--	8.0	8.0	--
DEC							
21...	1140	228	--	--	6.0	7.0	--
JAN 1973							
18...	1220	98	--	--	6.0	3.0	--
MAR							
15...	1135	60	75	--	19.0	12.0	--
MAY							
16...	1230	66	55	7.20	15.0	13.0	--
JUN							
14...	1115	8.0	125	7.20	23.0	17.0	--
JUL							
12...	1230	19	122	7.00	22.0	23.0	--
AUG							
17...	1340	7.4	--	--	--	22.0	--
SEP							
27...	1200	5.8	--	--	--	21.0	--
NOV							
08...	1120	107	80	--	11.0	13.0	--
JAN 1974							
23...	1600	148	--	--	7.0	7.0	--
SEP							
09...	1310	58	--	--	23.0	22.5	--
OCT							
07...	1300	14	--	--	13.5	14.5	--
NOV							
26...	1140	47	118	--	1.0	9.0	--

# TWELVEPOLE CREEK BASIN

03206790 EAST FORK TWELVEPOLE CREEK BELOW EAST LYNN DAM, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
MAR 1975						
14...	1320	672	55	--	6.0	6.0
19...	1215	1030	65	--	11.0	8.0
APR						
16...	1130	92	--	6.60	14.5	10.0
MAY						
13...	1345	66	65	--	--	--
JUN						
10...	0940	57	70	--	21.0	19.0
AUG						
07...	1420	16	70	--	--	24.0

# TWELVEPOLE CREEK BASIN

03206800 EAST FORK TWELVEPOLE CREEK NEAR EAST LYNN, WV

LOCATION.--Lat 38°09'15", long 82°23'05", on left bank 0.7 mi upstream from Lynn Creek, 0.9 mi downstream from Laurel Creek, 1.5 mi south of East Lynn, Wayne County, and 8.5 mi upstream from confluence of East and West Forks.

DRAINAGE AREA.--139 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--June 1962 to September 1967.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANFOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1960				
07...	--	1.6	--	26.0
NOV 1962				
06...	1405	16	--	8.5
MAY 1963				
06...	1325	43	--	19.5
JUN				
04...	1330	56	--	18.5
JUL				
09...	1150	3.9	--	20.5
SEP				
12...	1030	0.11	--	22.0
25...	0850	0.02	4.0	9.5
OCT				
24...	1345	0.01	--	18.0
NOV				
05...	1215	0.02	--	20.0
DEC				
10...	1300	5.4	-2.0	--
AUG 1965				
27...	1355	12	--	24.0
OCT				
04...	1230	9.3	--	17.5
22...	1400	4.1	--	16.5
NOV				
17...	1445	2.6	--	9.0
DEC				
16...	1305	4.4	--	6.0
JAN 1966				
21...	1225	12	--	0.5
FEB				
24...	1420	75	--	1.0
MAR				
24...	0930	44	5.0	12.0
AUG				
16...	1150	16	--	23.0
SEP				
15...	1150	5.2	16.0	18.0
DEC				
08...	1405	275	19.0	10.0
JAN 1967				
16...	1320	85	5.5	1.5
JUN				
29...	1100	5.1	--	22.0
JUL				
27...	0900	3.7	--	24.0
SEP				
07...	1130	0.85	26.5	24.5

TWELVEPOLE CREEK BASIN

03207020 TWELVEPOLE CREEK BELOW WAYNE, WV

LOCATION.--Lat 38°14'56", long 82°26'04", Wayne County, Hydrologic Unit 05090102, on left bank just downstream from bridge on State Highway 52/43, 1.9 mi northeast of Wayne, and at mile 26.5.

DRAINAGE AREA.--300 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--July 1915 to September 1917, October 1917 to September 1922 (gage heights only), February 1927 to September 1931, August 1946 to September 1954, October 1955 to September 1982. October 1982 to September 1983 (gage heights, discharge measurements, and annual maximum discharge only). Prior to October 1966 published as "at Wayne". Gage-height records collected at site 2.0 mi upstream from 1924 to March 1949 are contained in reports of National Weather Service.

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
DEC 1966						
08...	1115	730	--	--	23.0	8.5
JAN 1967						
17...	1155	202	--	--	7.0	2.0
JUN						
29...	1330	23	--	--	--	23.5
JUL						
27...	1040	15	--	--	--	25.0
NOV						
15...	1335	13	--	--	0.0	--
FEB 1968						
14...	1410	70	--	--	-3.0	1.5
JUL						
16...	1300	33	--	--	27.5	25.0
OCT						
02...	1045	6.7	--	--	--	17.5
NOV						
13...	1345	72	--	--	5.5	6.5
DEC						
13...	1105	117	--	--	6.0	1.5
JAN 1969						
30...	1330	242	--	--	15.5	1.0
MAR						
12...	1340	114	--	--	-2.0	2.0
APR						
15...	1045	248	--	--	16.0	13.0
MAY						
20...	1230	173	--	--	20.0	19.0
JUN						
17...	1300	37	--	--	18.5	24.0
SEP						
09...	1345	105	155	--	21.0	22.0
OCT						
29...	1330	8.6	270	7.70	16.0	9.0
DEC						
09...	1310	39	135	7.20	3.0	4.0
31...	1500	6700	--	7.00	--	4.0
FEB 1970						
19...	1430	860	75	6.90	2.0	4.0
MAR						
17...	1115	496	76	7.40	1.0	3.0
APR						
21...	1415	505	80	7.30	19.0	16.0
MAY						
19...	1310	245	82	6.80	21.0	17.0
JUN						
17...	1035	15	160	6.90	26.0	24.0
JUL						
21...	1035	18	140	6.90	12.0	22.0
AUG						
18...	1050	8.0	175	7.40	27.0	24.0
NOV						
10...	1030	188	110	7.30	18.0	12.0
MAR 1971						
02...	1100	255	80	6.90	15.0	3.0

TWELVEPOLE CREEK BASIN

03207020 TWELVEPOLE CREEK BELOW WAYNE, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
APR 1971							
13...	1150	264	80	7.00	30.0	15.0	--
MAY							
18...	1120	637	80	7.00	24.0	17.0	--
JUN							
16...	1100	883	75	7.00	27.0	20.0	--
JUL							
21...	1315	1710	--	--	26.0	24.0	--
SEP							
14...	1040	35	--	--	22.0	21.0	--
NOV							
04...	1120	351	80	--	9.0	13.0	9.8
DEC							
09...	1235	564	--	--	7.0	9.0	--
JAN 1972							
10...	1200	2000	65	--	12.0	8.0	10.2
FEB							
09...	1130	428	60	--	-6.0	2.0	--
APR							
19...	1100	1390	53	--	15.0	11.0	10.6
MAY							
18...	1200	942	--	--	17.0	14.0	--
JUN							
22...	1210	249	85	--	20.0	19.0	9.4
JUL							
20...	1140	25	160	--	26.0	23.0	--
SEP							
20...	1040	10	--	--	22.0	21.0	--
OCT							
19...	1045	22	--	--	8.0	10.0	--
JAN 1973							
18...	1045	162	120	--	4.0	2.0	--
FEB							
07...	1120	665	78	--	4.0	2.0	--
APR							
11...	1100	1370	65	8.70	8.0	10.0	--
MAY							
16...	1045	169	90	7.30	13.0	13.0	--
JUL							
12...	1115	55	125	7.30	23.0	22.0	--
AUG							
20...	1130	11	--	--	--	23.5	--
OCT							
01...	1115	8.2	--	--	--	22.5	--
NOV							
07...	1100	22	160	--	7.0	7.0	--
FEB 1974							
27...	1400	218	--	--	5.0	0.0	--
MAY							
07...	1310	73	--	--	20.0	10.0	--
OCT							
02...	1135	27	--	--	11.0	11.5	--
MAR 1975							
14...	1100	3220	65	--	6.0	5.5	12.2
19...	1010	1600	70	--	10.0	8.0	--
APR							
15...	1320	198	50	6.20	13.0	9.0	--
MAY							
13...	1600	231	100	--	26.0	16.0	--
JUN							
09...	1340	268	80	--	28.0	19.0	--
AUG							
13...	1330	58	120	7.50	--	25.5	--
SEP							
09...	1310	16	120	6.70	--	24.5	--

## BIG SANDY RIVER BASIN

## 03213000 TUG FORK AT LITWAR, WV

LOCATION.--Lat 37°29'08", long 81°50'38", McDowell County, Hydrologic Unit 05070201, on left bank 200 ft downstream from War Branch, 0.5 mi downstream from Litwar, 2.2 mi northwest of Iaeger, 2.7 mi downstream from Dry Fork, and at mile 106.1.

DRAINAGE AREA.--504 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--May 1930 to September 1984, October 1984 to current year (gage heights and annual maximum discharge only).

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					OCT 1949				
04...	1545	142	25.5	24.5	12...	1400	55	25.5	23.0
AUG					NOV				
09...	1700	220	27.5	24.5	01...	1735	817	6.5	12.5
SEP					DEC				
07...	1840	57	29.0	28.0	06...	1730	211	10.0	2.0
OCT					JAN 1950				
04...	1800	124	20.0	17.5	04...	1645	415	23.0	10.0
NOV					FEB				
16...	1005	494	-1.0	5.5	10...	1100	1280	22.0	10.5
DEC					MAR				
06...	1330	1370	9.0	6.0	08...	1020	440	10.0	9.0
APR 1946					APR				
03...	1650	426	31.5	21.0	05...	0930	829	6.5	10.0
MAY					MAY				
08...	1220	1200	13.0	12.5	03...	1745	1670	21.0	17.5
JUN					JUL				
05...	1040	264	20.5	18.5	13...	1735	190	27.5	25.0
JUL					AUG				
03...	1130	209	29.0	24.0	17...	1050	480	20.0	22.0
AUG					NOV				
21...	1615	76	28.0	25.0	22...	1010	284	0.5	3.5
SEP					JAN 1951				
05...	0705	44	19.0	24.5	04...	1145	257	10.0	8.5
OCT					FEB				
03...	1545	35	25.5	16.5	07...	1605	1500	-5.0	4.0
NOV					MAR				
06...	1640	37	16.5	13.5	14...	1110	1100	0.5	5.0
JAN 1947					APR				
09...	0940	305	-1.0	4.0	18...	1810	982	21.0	12.5
APR					MAY				
04...	1850	1230	18.5	11.0	24...	1015	535	14.0	15.5
JUN					JUN				
04...	1010	146	23.0	21.0	28...	1330	1160	31.5	23.0
JUL					AUG				
10...	1035	172	25.5	22.5	02...	0720	105	28.5	25.0
AUG					SEP				
09...	0930	150	30.5	23.5	06...	1540	248	--	24.5
OCT					OCT				
09...	1300	55	20.0	19.5	10...	1520	84	17.5	14.5
NOV					DEC				
15...	0920	100	13.5	7.0	20...	1145	736	5.0	3.5
MAY 1948					MAR 1952				
14...	1800	404	15.0	18.0	26...	1415	1400	15.5	10.0
JUL					OCT				
09...	1655	209	28.5	26.0	08...	1630	41	23.0	16.5
AUG					29...	1415	48	5.5	6.5
05...	0940	2010	18.5	18.5	JAN 1953				
SEP					22...	0845	1070	9.5	6.5
16...	1615	70	25.0	24.5	MAR				
OCT					03...	0830	1350	16.0	8.0
15...	1635	50	15.5	15.0	APR				
NOV					07...	1450	603	9.5	10.5
05...	1045	53	15.5	14.0	AUG				
JUN 1949					19...	1225	107	26.0	24.0
15...	1100	148	28.0	24.5	NOV				
JUL					30...	1035	37	9.5	3.0
07...	1140	96	31.0	29.0					
AUG									
03...	0825	98	21.0	18.0					

# BIG SANDY RIVER BASIN

03213000 TUG FORK AT LITWAR, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JAN 1954					JUL 1963				
07...	1645	42	7.0	2.0	31...	1130	98	26.0	24.0
FEB					SEP				
02...	1405	174	10.0	4.5	04...	1000	277	--	23.5
MAY					OCT 1964				
26...	1545	535	26.5	20.0	14...	1430	48	--	14.0
NOV					JUL 1965				
17...	1315	933	23.0	12.5	26...	1325	158	--	27.5
JAN 1955					SEP				
18...	1410	520	6.5	2.0	01...	1130	84	--	22.0
MAY					28...	1015	82	--	17.5
10...	1620	317	29.5	20.5	NOV				
AUG					09...	1045	60	--	17.5
10...	0750	801	21.0	24.5	DEC				
APR 1956					08...	1120	61	--	1.5
26...	1010	764	13.5	10.0	MAR 1966				
MAY					22...	1245	189	29.0	17.5
24...	0940	446	14.5	15.5	APR				
SEP					20...	0915	422	--	14.5
20...	0935	84	18.5	15.0	MAY				
DCT					24...	1115	244	--	22.5
17...	1315	72	19.5	16.0	JUN				
NOV					21...	0945	123	--	23.0
15...	1605	78	18.5	8.0	JUL				
DEC					21...	1310	81	31.0	25.5
19...	1335	298	13.5	8.0	AUG				
NOV 1957					10...	1210	98	--	25.5
05...	0910	120	12.5	10.0	SEP				
JAN 1958					13...	1200	72	20.0	20.0
22...	1350	803	4.0	4.5	OCT				
MAR					19...	1130	399	12.5	11.0
26...	1000	1590	11.0	7.5	FEB 1967				
JUL					14...	1110	448	--	5.0
22...	1005	443	26.0	25.0	APR				
OCT					04...	1135	532	--	12.5
08...	1130	124	--	18.5	JUN				
JUN 1959					28...	1250	207	--	25.0
10...	1000	144	--	23.5	JUL				
JUL					24...	1440	152	--	28.0
07...	1530	105	--	29.0	NOV				
OCT					21...	1145	81	6.5	3.5
20...	1310	79	--	14.5	DEC				
NOV					19...	1230	1260	16.5	4.5
17...	1015	134	--	6.0	FEB 1968				
JUN 1960					27...	1115	222	-3.0	3.5
21...	1045	112	--	25.5	JUL				
AUG					09...	1210	158	23.5	25.5
23...	1045	143	--	25.5	AUG				
DCT					13...	1140	182	26.5	24.5
25...	1405	52	--	11.0	SEP				
DEC					17...	1130	75	22.5	20.0
06...	1325	62	6.0	1.0	OCT				
SEP 1961					15...	1215	59	24.0	19.5
14...	1040	74	--	25.0	NOV				
OCT					19...	1250	276	2.0	6.5
18...	0925	63	--	13.5	DEC				
DEC 1962					17...	1245	61	-6.0	0.5
18...	1345	383	--	0.5	JAN 1969				
APR 1963					14...	1250	90	-6.0	0.0
23...	1340	306	--	19.5	MAR				
MAY					12...	1105	623	-1.0	1.0
23...	1220	176	--	18.5	APR				
JUN					09...	1405	647	18.5	9.0
25...	1120	151	--	24.5					



## BIG SANDY RIVER BASIN

03213000 TUG FORK AT LITWAR, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
MAY 1969							
07...	1315	277	--	--	24.0	19.0	--
JUN							
11...	1240	143	--	--	24.5	25.0	--
AUG							
19...	1230	97	760	--	26.0	26.0	--
SEP							
17...	1300	65	800	8.60	24.0	24.0	--
OCT							
14...	1215	55	200	8.20	20.0	17.0	--
NOV							
18...	1245	58	900	8.30	15.5	4.0	--
DEC							
16...	1230	75	700	8.00	0.0	4.0	--
JAN 1970							
13...	1150	157	750	8.10	1.0	1.5	--
MAR							
10...	1230	281	700	7.60	10.0	6.0	--
APR							
08...	1200	785	400	7.60	8.0	6.0	--
MAY							
05...	1200	701	500	7.70	14.0	12.0	--
JUN							
09...	1150	158	800	8.30	25.0	24.0	--
JUL							
07...	1130	129	800	8.00	20.0	21.0	--
AUG							
04...	1215	285	700	7.70	26.0	24.0	--
SEP							
01...	1230	133	650	7.90	24.5	24.0	--
OCT							
07...	1200	58	900	8.10	20.0	15.0	--
NOV							
03...	1230	1590	290	7.30	6.0	11.0	--
DEC							
08...	1010	81	800	8.50	-1.0	1.0	--
JAN 1971							
05...	1330	1400	260	7.30	--	--	--
MAR							
09...	1230	1090	340	7.40	6.0	2.0	--
APR							
06...	1200	393	550	7.70	12.0	10.0	--
MAY							
11...	1250	1700	450	7.70	17.0	15.0	--
JUN							
08...	1130	394	720	8.30	22.0	19.5	--
JUL							
13...	0945	287	--	--	20.0	21.0	--
SEP							
01...	1050	133	--	--	25.0	24.0	--
OCT							
13...	0955	159	--	--	12.0	15.0	--
NOV							
17...	1510	221	--	--	18.0	9.0	--
JAN 1972							
19...	1150	774	375	--	5.0	4.0	11.8
FEB							
16...	1230	1480	--	--	4.0	3.0	--
MAR							
21...	1730	493	--	--	--	10.0	--
MAY							
10...	1150	2040	--	--	14.0	12.0	--
JUN							
14...	1030	276	680	--	23.0	19.0	--

# BIG SANDY RIVER BASIN

03213000 TUG FORK AT LITWAR, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1972						
10...	1410	336	--	--	22.0	12.0
NOV						
09...	1400	552	--	--	--	12.5
JAN 1973						
16...	1020	436	--	--	1.0	3.0
APR						
09...	1400	1070	410	8.00	16.0	11.0
JUN						
19...	1410	481	--	--	--	26.0
JAN 1974						
08...	1245	1310	--	--	0.0	5.0
MAR						
06...	1700	829	--	--	--	9.0
MAY						
14...	1310	1560	--	--	25.0	--
SEP						
18...	1025	110	--	--	--	19.0
NOV						
12...	1040	103	--	--	7.5	10.0
DEC						
10...	1340	713	260	--	4.0	3.0
JAN 1975						
07...	1420	643	--	--	8.0	4.0
MAY						
28...	1310	762	400	--	31.0	20.0
JUL						
15...	0925	289	700	8.00	21.0	23.0
AUG						
12...	0940	173	700	--	24.0	23.0
SEP						
15...	1615	149	850	8.30	--	20.0

# BIG SANDY RIVER BASIN

03213500 PANTHER CREEK NEAR PANTHER, WV

LOCATION.--Lat 37°26'42", long 81°52'15", McDowell County, Hydrologic Unit 05070201, on left bank 200 ft downstream from Cub Branch, 2.1 mi upstream from Trace Fork, 3.0 mi southwest of Panther, and at mile 4.2.

DRAINAGE AREA.--31.0 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--July 1946 to current year.

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1946					JUN 1950				
25...	1405	1.3	26.5	24.5	07...	1120	6.6	25.0	20.5
AUG					JUL				
21...	1315	1.4	29.5	22.5	13...	1400	4.3	28.5	24.0
NOV					AUG				
06...	1500	0.27	21.0	13.0	17...	1300	10	29.5	24.0
JAN 1947					NOV				
09...	1105	20	1.5	3.0	22...	1140	26	7.5	3.5
APP					JAN 1951				
05...	0945	44	23.0	10.0	04...	1335	20	11.0	6.5
JUN					FEB				
04...	1200	2.6	26.5	24.5	08...	0940	134	-9.5	0.0
JUL					APR				
10...	1230	5.8	21.5	20.5	18...	1545	44	20.0	14.0
AUG					MAY				
08...	1505	9.6	29.5	26.0	24...	1210	9.2	20.0	17.5
OCT					JUN				
09...	1100	1.5	18.5	16.5	28...	1350	6.6	29.5	28.0
NOV					AUG				
15...	1230	22	13.5	7.5	03...	1200	0.54	26.5	26.0
DEC					SEP				
03...	1440	2.6	7.0	0.5	07...	1015	15	--	20.0
MAY 1948					OCT				
14...	1610	9.8	18.0	17.5	10...	1650	1.4	--	13.0
JUN					DEC				
16...	1440	76	31.0	26.5	20...	1325	81	3.5	5.0
JUL					MAR 1952				
10...	1215	9.4	25.0	22.5	26...	1045	68	16.5	6.5
AUG					OCT				
05...	1110	1.5	18.0	18.5	29...	1555	0.47	7.0	6.5
SEP					JAN 1953				
16...	1430	1.3	26.5	22.0	21...	1630	125	13.5	6.5
OCT					APR				
15...	1515	0.63	19.5	13.5	07...	1600	61	14.5	10.0
NOV					MAY				
05...	1215	1.8	22.5	13.5	19...	1240	12	25.5	14.0
APR 1949					JUL				
20...	1340	19	20.0	13.5	08...	1305	44	32.5	23.5
JUN					AUG				
15...	1320	4.2	30.0	25.0	19...	0935	1.6	21.0	18.5
JUL					SEP				
07...	1435	0.65	32.5	29.5	23...	1520	0.33	27.5	19.0
AUG					NOV				
03...	1045	7.5	21.0	20.0	29...	1635	0.55	9.0	1.5
SEP					MAR 1954				
28...	1500	3.5	24.0	18.0	02...	1520	43	7.5	4.5
NOV					APR				
02...	0920	112	3.5	9.5	28...	1500	28	22.0	19.0
DEC					NOV				
07...	0930	128	9.0	3.5	17...	1045	66	19.5	9.0
JAN 1950					DEC				
04...	1215	22	20.0	9.5	14...	1105	56	11.0	5.0
FEB					JAN 1955				
09...	1700	55	17.0	9.0	18...	1540	28	8.0	1.5
MAR					MAR				
08...	1210	22	16.5	6.5	22...	0820	4.0	22.0	11.0
APR					MAY				
05...	1130	76	6.5	10.0	10...	1315	7.0	29.5	18.5
MAY					JUL				
04...	1050	90	27.0	14.5	13...	1510	4.2	29.5	25.5

BIG SANDY RIVER BASIN  
03213500 PANTHER CREEK NEAR PANTHER, WV--Continued  
WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEDUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
AUG 1955					JAN 1963				
10...	0920	1.1	25.5	21.5	22...	1315	48	--	0.0
SEP					FEB				
08...	1110	<0.01	27.5	20.5	20...	1020	73	--	3.0
NOV					MAR				
17...	1700	5.2	2.0	10.0	19...	1455	121	--	10.5
JAN 1956					APR				
24...	1715	2.8	1.0	1.0	23...	1010	10	--	17.0
FEB					MAY				
28...	1010	56	1.5	1.0	23...	0950	9.0	--	13.0
MAR					JUN				
28...	1330	40	21.0	10.0	25...	0900	4.6	--	18.0
APR					JUL				
26...	1200	33	15.5	9.0	31...	0840	4.8	23.5	21.0
MAY					OCT				
24...	1150	8.7	16.5	16.5	24...	1400	0.99	--	16.0
OCT					JAN 1964				
17...	1040	2.3	18.0	10.5	22...	1250	73	10.0	2.0
NOV					OCT				
15...	1435	4.3	18.0	9.5	14...	1310	0.73	--	11.0
APR 1957					DEC				
17...	1140	23	17.0	10.5	22...	1010	32	--	3.5
MAY					JUL 1965				
15...	1100	6.8	21.5	18.5	26...	1025	3.2	--	25.5
JUL					SEP				
24...	0950	21	25.0	20.5	01...	0930	0.90	--	18.5
OCT					28...	0830	0.65	9.0	13.0
08...	1225	1.1	23.0	16.5	NOV				
NOV					09...	0850	0.43	--	11.0
05...	1135	6.5	23.0	9.0	DEC				
JAN 1958					08...	0900	0.55	-8.0	0.0
22...	0950	31	0.5	3.0	MAY 1966				
FEB					22...	0945	8.2	24.5	10.0
28...	1350	271	11.5	6.5	24...	1010	3.8	--	19.0
MAR					JUN				
26...	1130	181	13.0	7.5	21...	0740	1.3	--	16.5
JUN					JUL				
25...	1010	5.5	21.0	19.5	11...	1100	1.3	--	21.5
JUL					AUG				
22...	1330	17	25.0	24.0	10...	1100	6.0	--	23.0
AUG					SEP				
27...	1450	53	21.0	19.0	13...	1000	1.2	19.5	16.5
NOV					OCT				
04...	1130	5.0	13.0	8.5	19...	0910	36	11.0	10.5
JAN 1959					NOV				
13...	1135	6.0	6.0	0.5	28...	1210	121	--	8.0
FEB					FEB 1967				
17...	1115	78	8.0	3.0	14...	0945	26	-6.0	1.0
FEB 1960					JUN				
24...	1135	68	1.0	2.0	28...	1130	2.6	--	22.0
JUL					JUL				
19...	1030	11	23.5	21.5	24...	1310	1.7	--	24.5
DEC					NOV				
06...	1110	4.6	4.5	0.5	21...	1005	2.9	4.5	3.5
JUL 1961					DEC				
08...	1000	1.8	21.0	20.5	19...	0945	126	10.0	4.5
JUN 1962					FEB 1968				
12...	1110	2.5	21.0	20.5	27...	0920	2.1	--	0.5
SEP					APR				
05...	1335	8.7	--	23.0	02...	0900	113	--	6.0
OCT					JUN				
09...	1415	4.0	--	18.0	04...	1000	69	21.0	10.0
NOV					JUL				
14...	1630	28	--	6.5	09...	0935	1.8	21.0	19.5
DEC					AUG				
18...	1100	21	--	0.0	13...	1000	2.8	25.5	20.0

BIG SANDY RIVER BASIN  
03213500 PANTHER CREEK NEAR PANTHER, WV--Continued  
WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
SEP 1968						
17...	0950	0.72	--	--	20.0	19.5
OCT						
15...	1020	1.2	--	--	20.0	15.0
NOV						
19...	1030	19	--	--	3.5	6.5
DEC						
17...	1035	0.97	--	--	-8.0	0.5
JAN 1969						
14...	1050	5.0	--	--	-9.5	0.0
FEB						
11...	0935	64	--	--	-6.0	1.0
MAR						
12...	0950	43	--	--	-4.0	0.0
APR						
09...	1130	47	--	--	15.5	10.0
JUN						
11...	1035	1.0	--	--	22.0	22.0
AUG						
19...	1030	1.4	--	--	25.5	26.0
SEP						
17...	1135	1.3	1200	8.65	24.0	23.0
OCT						
14...	0915	0.28	1100	7.60	18.5	16.0
NOV						
18...	1045	0.61	890	8.00	10.0	4.0
DEC						
16...	1045	1.5	242	7.60	-6.0	2.0
JAN 1970						
13...	1015	3.7	190	7.50	-4.0	1.5
FEB						
11...	1045	89	60	7.20	1.0	3.0
MAR						
10...	1010	8.8	145	7.40	8.0	6.0
APR						
08...	0945	41	110	7.60	7.0	5.0
MAY						
05...	0950	24	125	7.60	13.0	11.0
JUN						
09...	0955	2.5	490	8.10	21.0	19.0
JUL						
07...	0945	2.2	--	8.00	20.0	18.0
AUG						
04...	1050	7.3	380	7.60	24.0	22.0
SEP						
01...	1020	2.0	--	7.90	--	21.0
OCT						
07...	1030	44	220	7.40	16.0	11.0
NOV						
03...	1030	169	--	7.40	10.0	11.0
DEC						
08...	0920	1.3	120	7.20	-6.0	0.5
JAN 1971						
05...	1130	309	50	7.20	1.0	4.0
FEB						
02...	1120	31	60	7.30	-5.0	0.5
MAR						
09...	1030	71	100	7.00	3.0	2.5
APR						
06...	1015	19	140	7.20	11.0	9.5
MAY						
11...	1030	57	85	7.50	16.0	15.5
JUN						
08...	0955	29	85	7.70	19.0	19.0

# BIG SANDY RIVER BASIN

03213500 PANTHER CREEK NEAR PANTHER, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
JUL 1971							
13...	0845	7.4	380	7.70	15.5	17.5	--
SEP							
01...	1200	2.4	--	--	25.0	22.0	--
OCT							
13...	1135	4.3	--	--	18.0	13.0	--
NOV							
17...	1350	8.2	--	--	18.0	9.0	--
DEC							
22...	0935	42	--	--	8.0	6.0	--
JAN 1972							
19...	0935	40	320	--	5.0	4.0	12.6
FEB							
16...	1030	92	65	--	-1.0	3.0	12.8
MAR							
21...	1400	15	320	--	12.0	5.0	11.5
APR							
11...	1245	60	275	--	8.0	6.0	11.5
MAY							
10...	0935	141	--	--	12.0	13.0	--
JUN							
14...	0855	6.9	340	--	20.0	18.0	--
JUL							
11...	1625	7.6	340	--	25.0	20.0	8.0
AUG							
08...	1010	5.8	625	--	25.0	21.0	--
OCT							
10...	1315	7.5	--	--	21.0	11.5	--
NOV							
09...	1240	39	--	--	--	9.5	--
DEC							
13...	1035	92	--	--	9.0	8.0	--
JAN 1973							
16...	1205	15	--	--	5.0	0.0	--
MAR							
08...	1200	82	--	--	15.0	6.0	--
APR							
09...	1210	46	--	8.00	16.0	10.0	--
MAY							
03...	1350	68	--	--	20.0	13.0	--
JUN							
19...	1245	4.0	--	--	25.0	23.0	--
NOV							
29...	1000	110	--	--	4.0	8.5	--
JAN 1974							
08...	1005	50	--	--	-1.0	4.0	--
FEB							
12...	1120	30	--	--	1.0	0.0	--
MAY							
14...	1130	79	--	--	22.0	10.5	--
JUL							
18...	1300	6.9	--	--	--	19.5	--
NOV							
12...	1310	6.4	--	--	11.0	9.5	--
DEC							
10...	1125	70	--	--	--	4.5	--
JAN 1975							
07...	1235	37	--	--	--	3.5	--
28...	0945	72	--	--	--	4.5	--
MAR							
05...	1035	9.1	--	--	-7.0	3.0	--
APR							
23...	1440	42	100	7.00	25.0	11.0	--
MAY							
28...	1030	15	140	--	26.0	17.0	--

# BIG SANDY RIVER BASIN

03213500 PANTHER CREEK NEAR PANTHER, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1975					
15...	1115	1.9	--	21.0	20.0
AUG					
12...	1235	0.88	975	--	22.0
SEP					
15...	1500	1.4	710	22.0	10.5

# BIG SANDY RIVER BASIN

03213700 TUG FORK AT WILLIAMSON, WV

LOCATION.--Lat 37°40'23", long 82°16'49", Pike County, Ky., Hydrologic Unit 05070201, on left bank at Williamson, 100 ft upstream from bridge on U.S. Highway 119, 0.8 mi downstream from Pond Creek, and at mile 56.5.

DRAINAGE AREA.--936 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--October 1967 to current year. Gage-height records collected in this vicinity since 1926 are contained in reports of National Weather Service.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1967						
26...	0930	268	--	--	5.0	10.5
DEC						
10...	1050	2500	--	--	12.0	4.0
JUL 1968						
11...	1020	205	--	--	26.0	19.5
SEP						
19...	1010	108	--	--	20.0	19.5
OCT						
17...	1040	78	--	--	23.0	18.0
NOV						
21...	1100	400	--	--	1.0	6.0
JAN 1969						
16...	1030	233	--	--	6.5	0.5
APR						
08...	1510	1610	--	--	24.0	5.0
JUN						
10...	1340	208	--	--	21.0	21.0
AUG						
20...	1410	498	580	--	29.5	25.0
SEP						
16...	1000	78	640	8.10	20.0	22.0
OCT						
15...	1145	61	950	8.20	20.0	17.0
NOV						
19...	1020	110	750	7.60	10.0	4.0
DEC						
17...	1030	170	590	7.60	-4.0	2.0
JAN 1970						
14...	1100	301	600	7.60	0.0	2.0
FEB						
11...	1510	2830	230	7.40	2.0	3.0
16...	1520	17500	150	7.20	6.0	5.0
17...	0930	6600	190	7.30	4.0	5.0
MAR						
11...	1010	578	550	7.30	2.0	5.0
APR						
09...	1040	1300	360	7.40	12.0	9.0
MAY						
07...	1045	942	490	7.50	11.0	13.0
JUL						
08...	0950	175	675	7.70	22.0	20.0
AUG						
05...	1030	238	700	7.60	21.0	23.0
SEP						
02...	1000	235	690	7.70	--	26.0
OCT						
07...	1515	112	600	7.70	19.0	14.0
DEC						
09...	0920	135	550	7.20	1.0	2.0
JAN 1971						
06...	1200	3560	180	7.30	-3.0	4.0
APR						
07...	1045	1960	--	7.70	10.0	9.5
MAY						
12...	1100	2600	400	7.70	22.0	15.0



## BIG SANDY RIVER BASIN

03213700 TUG FORK AT WILLIAMSON, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUN 1971						
08...	1500	712	700	8.20	22.0	19.0
AUG						
12...	1130	822	--	--	26.0	24.5
OCT						
13...	1440	244	--	--	20.0	15.0
NOV						
18...	0950	310	--	--	10.0	9.0
JAN 1972						
20...	1030	1180	365	--	5.0	4.0
FEB						
17...	1030	2620	280	--	-2.0	3.0
MAR						
22...	1530	1350	460	--	6.0	12.0
APR						
12...	1445	4730	195	--	18.0	11.0
MAY						
09...	1530	2060	--	--	12.0	14.0
JUL						
11...	1345	523	560	--	25.0	20.0
JAN 1973						
15...	1710	820	--	--	3.0	1.0
MAR						
13...	1620	1260	320	--	23.0	15.0
APR						
12...	1620	1660	--	8.00	11.0	9.0
MAY						
01...	1400	2810	--	--	35.0	13.0
JUN						
14...	1530	606	--	--	27.0	24.0
SEP						
06...	1800	248	--	--	--	24.5
FEB 1974						
13...	1600	1290	--	--	12.0	4.0
OCT						
15...	1330	100	--	--	13.0	16.0
NOV						
11...	1130	185	--	--	14.5	13.0
MAR 1975						
24...	1500	5840	--	7.20	23.0	13.5
MAY						
27...	1240	1340	150	--	29.0	19.5
JUL						
14...	1435	313	630	7.90	25.0	24.0
SEP						
18...	1120	213	850	7.80	30.0	23.0

## BIG SANDY RIVER BASIN

03214000 TUG FORK NEAR KERMIT, WV

LOCATION.--Lat 37°49'03", long 82°23'20", Mingo County, Hydrologic Unit 05070201, on right bank 2.0 mi upstream from Wolf Creek, 3.0 mi upstream from Kermit, 3.0 mi downstream from Pigeon Creek, and at mile 38.1.

DRAINAGE AREA.--1,188 mi<sup>2</sup>.

PERIOD OF STREAMFLOW RECORD.--July 1934 to current year.

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1945					JAN 1950				
03...	1615	270	26.5	25.5	03...	1530	1010	13.5	7.0
05...	1420	91	28.0	25.5	FEB				
AUG					09...	0845	3360	13.5	5.5
08...	1250	472	26.0	26.0	MAR				
OCT					07...	1355	1110	17.5	8.5
05...	0850	217	20.5	17.5	APR				
NOV					04...	1300	1500	26.5	13.5
16...	1250	2040	12.0	9.0	MAY				
DEC					03...	1100	3500	29.5	17.0
05...	1530	3960	4.5	5.5	JUN				
APR 1946					06...	1700	1080	29.5	15.5
03...	0830	1210	28.5	18.5	JUL				
MAY					12...	1355	338	27.0	26.5
07...	1615	3050	15.5	13.0	AUG				
JUN					16...	1000	265	30.5	24.5
04...	1450	592	18.5	21.0	NOV				
JUL					21...	1740	1280	5.5	6.5
02...	1720	1580	27.0	26.5	JAN 1951				
AUG					03...	1600	494	21.5	6.0
22...	0750	146	29.5	25.5	FEB				
SEP					07...	1030	3210	-4.0	3.0
04...	1320	84	25.0	24.0	MAR				
NOV					13...	1720	1720	5.5	4.5
06...	0820	59	13.0	12.0	APR				
JAN 1947					18...	0835	2310	18.5	11.5
08...	1050	893	6.0	4.5	MAY				
JUN					23...	1450	964	13.5	20.5
03...	1525	262	22.0	23.5	AUG				
JUL					02...	0915	160	34.0	30.0
09...	1540	136	21.5	24.0	SEP				
AUG					06...	1225	353	--	25.0
07...	1625	788	31.0	22.5	OCT				
SEP					10...	1125	134	20.0	14.5
11...	0850	312	35.0	28.0	DEC				
OCT					09...	1535	2520	1.0	1.5
08...	1025	90	21.0	20.0	FEB 1952				
NOV					05...	1530	2570	6.0	8.0
14...	1245	288	13.0	8.0	MAR				
DEC					25...	1500	5940	18.5	6.0
03...	1700	148	-5.0	0.5	OCT				
MAY 1948					07...	1135	63	24.0	21.0
15...	0755	746	22.5	18.5	29...	0950	55	6.0	6.0
JUL					MAR 1953				
13...	1420	220	24.5	28.0	03...	1335	4520	25.5	8.0
AUG					03...	1435	4610	25.5	8.0
04...	1425	3640	29.5	24.0	JUL				
06...	0800	3110	20.0	20.0	08...	0840	3520	30.0	25.0
SEP					SEP				
15...	1255	146	24.5	24.0	22...	1610	79	25.5	22.5
OCT					NOV				
07...	1500	69	16.5	15.0	29...	1325	76	4.0	1.5
NOV					JAN 1954				
03...	1515	84	18.5	15.5	07...	1330	68	4.5	3.0
JUN 1949					JUN				
14...	0955	359	29.0	25.5	23...	1130	223	29.0	29.0
AUG					AUG				
02...	1515	126	28.5	25.5	18...	1010	478	--	25.0
NOV					DEC				
02...	1725	2570	11.5	12.0	14...	0820	768	5.5	4.5
DEC									
08...	1430	402	16.5	5.0					

BIG SANDY RIVER BASIN  
03214000 TUG FORK NEAR KERMIT, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
JUL 1955				
12...	1540	212	30.5	29.5
SEP				
07...	1010	55	26.5	22.5
NOV				
17...	1155	166	3.5	11.0
JAN 1956				
24...	1350	180	3.0	1.0
FEB				
27...	1735	3480	12.0	--
MAR				
28...	0850	2100	19.0	--
SEP				
19...	1235	367	20.5	20.5
OCT				
16...	1445	144	25.5	17.5
NOV				
14...	1750	209	11.0	9.5
NOV 1957				
06...	0945	196	17.0	9.5
JAN 1958				
21...	1030	1030	9.0	4.0
MAR				
25...	1050	2430	9.5	7.0
OCT				
09...	1630	171	--	16.5
FEB 1959				
18...	1410	2560	-1.0	--
JUL				
09...	1335	158	--	30.0
OCT				
21...	1120	158	--	15.0
NOV				
18...	1145	312	--	3.0
FEB 1960				
25...	1510	2850	10.0	--
JUN				
22...	1120	163	--	24.5
JUL				
18...	1345	244	--	28.0
AUG				
22...	1325	194	--	24.0
SEP				
19...	1225	187	--	22.0
OCT				
24...	1520	188	--	13.5
JUL 1961				
07...	1335	226	--	25.5
OCT				
17...	1200	123	--	15.5
JUN 1962				
11...	1410	272	27.0	26.5
DEC				
17...	1335	812	--	0.5
APR 1963				
22...	1245	519	--	19.0
MAY				
21...	1540	421	--	21.0
JUL				
30...	1115	152	25.0	26.5
SEP				
03...	1125	95	--	25.0
OCT				
08...	1145	58	--	19.5

# BIG SANDY RIVER BASIN

03214000 TUG FORK NEAR KERMIT, WV--Continued

## WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)
OCT 1964						
13...	1155	173	--	--	--	13.0
AUG 1965						
31...	1235	144	--	--	--	22.5
SEP						
29...	0800	138	--	--	--	18.5
NOV						
10...	0830	75	--	--	--	14.0
DEC						
09...	0905	85	--	--	--	0.5
MAR 1966						
23...	1000	358	--	--	--	15.0
MAY						
25...	0725	402	--	--	--	22.5
JUN						
20...	1400	240	--	--	--	25.0
JUL						
22...	0955	187	--	--	--	24.5
AUG						
11...	0935	238	--	--	--	26.0
SEP						
12...	1445	101	--	--	26.5	23.5
JAN 1967						
11...	0955	1810	--	--	-6.0	--
JUN						
27...	0915	397	--	--	--	22.5
OCT						
25...	0915	165	--	--	11.0	4.5
NOV						
22...	0940	202	--	--	5.5	4.0
DEC						
20...	1500	3060	--	--	21.0	4.5
JUL 1968						
12...	0935	235	--	--	--	24.5
SEP						
16...	1535	155	--	--	29.0	20.5
OCT						
14...	1510	108	--	--	25.5	15.0
NOV						
18...	1530	644	--	--	13.0	7.0
DEC						
16...	1355	141	--	--	-3.0	1.0
JAN 1969						
08...	1300	362	--	--	-4.0	0.0
13...	1310	339	--	--	-4.0	0.0
APR						
08...	1130	2380	--	--	10.0	5.0
MAY						
05...	1450	670	--	--	26.5	12.0
JUN						
10...	0920	240	--	--	20.0	--
AUG						
20...	1050	966	340	--	28.0	25.0
SEP						
15...	1410	97	700	8.20	29.5	23.0
OCT						
15...	0945	72	--	7.40	18.5	17.0
NOV						
17...	1420	119	775	7.90	18.5	3.0
DEC						
15...	1405	384	510	7.60	0.0	5.0
FEB 1970						
20...	1045	3200	210	7.60	-1.0	2.0
MAR						
09...	1445	1040	400	7.20	10.0	5.0

BIG SANDY RIVER BASIN  
03214000 TUG FORK NEAR KERMIT, WV--Continued

WATER QUALITY DATA

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE AIR (DEG C)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
APR 1970							
06...	1450	2300	245	7.20	9.0	9.0	--
MAY							
04...	1450	1870	340	7.10	18.0	13.0	--
JUN							
08...	1420	354	700	7.90	24.0	22.0	--
JUL							
06...	1430	292	650	7.50	27.0	24.0	--
AUG							
03...	1415	226	800	7.40	28.0	26.0	--
SEP							
02...	1215	273	600	7.50	24.0	26.0	--
OCT							
06...	1430	129	610	7.80	26.0	15.0	--
NOV							
05...	1100	1900	260	7.20	9.0	10.0	--
DEC							
09...	1100	191	600	8.30	3.5	2.0	--
JAN 1971							
06...	1450	5200	205	7.10	4.0	5.0	--
APR							
05...	1515	940	--	7.20	15.0	9.0	--
MAY							
12...	1400	3020	340	7.60	18.0	15.0	--
JUN							
07...	1530	622	--	--	30.0	23.0	--
AUG							
31...	1330	229	--	--	27.0	25.0	--
OCT							
12...	1445	333	--	--	20.0	16.0	--
NOV							
16...	1310	411	--	--	20.0	10.0	--
DEC							
20...	1530	1010	--	--	19.0	6.0	--
FEB 1972							
15...	1500	5760	--	--	5.0	3.0	--
MAR							
23...	0920	2210	--	--	5.0	9.0	9.0
APR							
13...	1000	9160	195	--	15.0	11.0	10.8
JUL							
10...	1600	694	625	--	27.0	21.0	8.8
AUG							
10...	0900	947	590	--	20.0	22.0	--
OCT							
12...	1410	476	--	--	20.0	12.0	--
JAN 1973							
15...	1440	1060	--	--	3.0	0.0	--
FEB							
15...	1325	2250	140	--	--	5.0	--
MAR							
13...	1410	1590	310	--	23.0	12.0	--
MAY							
01...	1200	3870	250	--	32.0	13.0	--
JUN 1974							
13...	1315	694	--	--	25.0	--	--
NOV							
11...	0945	308	--	--	15.0	10.0	--
JUL 1975							
14...	1240	365	660	7.80	20.0	23.5	--
AUG							
11...	1300	358	--	--	30.0	25.0	--
SEP							
18...	1130	322	--	--	20.0	19.0	--