

03152500 LEADING CREEK NEAR GLENVILLE, WV

Upper Ohio-Little Kanawha Basin
 Little Kanawha Subbasin

LOCATION.--Lat 38°57'45", long 80°52'00" referenced to North American Datum of 1927, Gilmer County, WV, Hydrologic Unit 05030203, on left bank 500 ft upstream from Big Run, 2.75 mi northwest of Glenville, and at mile 1.4.

DRAINAGE AREA.--144 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1937 to December 1951 (daily discharge and peaks). Monthly discharge only for October 1937 to February 1938, published in WSP 1305.

REVISED RECORDS.--WDR-US-2008: 1942.

GAGE.--Water-stage recorder. Datum of gage is 699.69 ft above NAVD 88 (700.23 ft above NGVD 29). Prior to Nov. 7, 1945, staff gage 200 ft downstream at same datum. Auxiliary staff or wire-weight gage 1.4 mi downstream at same datum.

AVERAGE DISCHARGE FOR PERIOD OF RECORD.--14 years, 220 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 12,100 ft³/s, June 25, 1950, gage height, 28.63 ft, backwater from Little Kanawha River; minimum, 0.1 ft³/s, Sept. 18-29, 1939; minimum gage height, 0.28 ft, Aug. 13, 14, 1944.

SUMMARY STATISTICS

	Water Years 1938 - 1952	
Highest daily mean	7,650	Jun 26, 1950
Lowest daily mean	0.10	Sep 18, 1939
Annual seven-day minimum	0.10	Sep 18, 1939
Maximum peak flow	12,100	Jun 25, 1950
Maximum peak stage	^a 28.63	Jun 25, 1950
Instantaneous low flow	^b 0.10	Sep 18, 1939
10 percent exceeds	476	
50 percent exceeds	69	
90 percent exceeds	5.0	

^a Backwater from Little Kanawha River.

^b Also Sept. 19-29, 1939.

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REVISIONS.--The revised daily discharges, in cubic feet per second, for the water year 1942 are tabled below. These values supersede those published in previous reports.

**DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 1941 TO SEPTEMBER 1942
DAILY MEAN VALUES**

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.0	393	31	44	105	43	41	27	14	62	7.0	28
2	1.0	175	30	546	84	40	40	22	11	412	11	20
3	1.1	99	57	299	62	49	39	20	9.5	122	9.0	16
4	1.5	63	71	190	55	44	40	18	7.0	69	7.0	13
5	2.4	46	70	142	890	100	40	16	10	53	5.6	12
6	5.1	74	76	100	693	506	37	14	7.8	607	9.4	11
7	4.8	750	68	70	500	1,300	34	15	6.6	726	9.0	9.4
8	5.4	217	54	60	817	e2,420	30	72	909	268	9.0	15
9	4.2	116	51	50	354	2,000	282	43	196	140	291	355
10	3.6	80	45	45	262	540	1,600	34	122	162	573	125
11	2.8	59	36	45	234	277	434	25	77	761	179	135
12	2.4	47	28	44	218	422	236	22	116	254	96	68
13	2.1	38	85	44	167	332	173	18	85	144	67	42
14	2.0	32	373	57	147	603	130	15	114	94	48	31
15	2.4	26	191	247	133	542	104	14	220	67	33	27
16	2.4	22	118	212	196	268	85	24	108	48	24	496
17	7.0	18	90	138	849	266	72	96	67	36	18	258
18	15	15	71	119	400	242	75	49	48	28	15	328
19	26	13	56	441	216	200	64	34	40	20	13	308
20	79	11	48	480	147	135	53	28	57	18	11	348
21	46	10	40	264	126	105	49	31	41	17	10	194
22	30	14	32	175	85	111	43	55	60	27	71	119
23	19	222	30	135	77	90	39	650	121	29	191	80
24	16	283	37	99	69	76	35	234	76	46	1,500	57
25	14	136	46	85	64	65	31	122	48	25	300	44
26	12	95	44	75	54	58	27	75	34	16	128	35
27	10	72	39	64	48	54	25	52	35	14	81	229
28	13	54	35	77	46	53	24	41	98	12	56	681
29	20	43	30	140	---	53	24	29	53	10	48	198
30	27	37	26	116	---	49	29	24	34	9.0	46	115
31	38	---	23	105	---	44	---	17	---	7.8	37	---
Total	416.2	3,260	2,031	4,708	7,098	11,087	3,935	1,936	2,824.9	4,303.8	3,903.0	4,397.4
Mean	13.4	109	65.5	152	254	358	131	62.5	94.2	139	126	147
Max	79	750	373	546	890	2,420	1,600	650	909	761	1,500	681
Min	1.0	10	23	44	46	40	24	14	6.6	7.8	5.6	9.4
Cfsm	0.09	0.75	0.45	1.05	1.76	2.48	0.91	0.43	0.65	0.96	0.87	1.02
In.	0.11	0.84	0.52	1.22	1.83	2.86	1.02	0.50	0.73	1.11	1.01	1.14

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	Calendar Year 1941	Water Year 1942
Total	40,691.60	49,900.3
Mean	111	137
Max	4,980	2,420
Min	0.90	1.0
Cfsm	0.77	0.95
In.	10.51	12.89