



Water-Data Report 2012

**03238500 WHITE OAK CREEK NEAR GEORGETOWN OH**

Middle Ohio-Little Miami Basin  
Ohio Brush-Whiteoak Subbasin

LOCATION.--Lat 38°51'29", long 83°55'43" referenced to North American Datum of 1927, Brown County, OH, Hydrologic Unit 05090201, on left bank 150 ft upstream from diversion dam, 0.7 mi upstream from Town Run, 1.4 mi southwest of Georgetown, and 7.2 mi upstream from mouth.

DRAINAGE AREA.--218 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--October 1923 to November 1935, October 1939 to January 16, 2012(discontinued).

REVISED RECORDS.--WSP 728: 1924-31. WSP 758: 1933. WSP 1908: Drainage area. WRD OH-74-1: 1973(P)

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 604.20 NGVD 1929. Prior to Oct. 12, 1972, nonrecording gage at a site 1 mi downstream at datum 35.24 ft lower. See WSP 2108 for history of changes prior to Dec. 8, 1940.

REMARKS.--Records fair except for discharges below 10 ft<sup>3</sup>/s, which are poor. Water-quality and sediment data formerly collected at this site. Satellite telemeter at this station.

EXTREMES FOR PERIOD OCT. 1 TO JAN. 16.--Peak discharges greater than base discharge of 5,500 ft<sup>3</sup>/s and (or) maximum (\*):

Date	Time	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
Nov 23	0300	7,820	7.10
Dec 6	0430	*9,100	*7.47
Dec 28	0000	5,720	6.41

Minimum discharge, 5.1 ft<sup>3</sup>/s, Oct. 12, 18, gage height, 2.05 ft.

## 03238500 WHITE OAK CREEK NEAR GEORGETOWN OH—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6.0	6.5	319	214	---	---	---	---	---	---	---	---
2	5.8	6.2	191	160	---	---	---	---	---	---	---	---
3	5.6	6.2	141	122	---	---	---	---	---	---	---	---
4	5.5	6.9	115	88	---	---	---	---	---	---	---	---
5	5.4	8.0	2,280	79	---	---	---	---	---	---	---	---
6	5.4	7.8	6,740	75	---	---	---	---	---	---	---	---
7	5.4	6.8	641	75	---	---	---	---	---	---	---	---
8	5.4	6.4	317	70	---	---	---	---	---	---	---	---
9	5.3	6.3	199	55	---	---	---	---	---	---	---	---
10	5.3	6.1	152	47	---	---	---	---	---	---	---	---
11	5.2	6.1	119	92	---	---	---	---	---	---	---	---
12	5.1	6.0	92	528	---	---	---	---	---	---	---	---
13	5.4	5.9	81	593	---	---	---	---	---	---	---	---
14	5.7	5.9	78	205	---	---	---	---	---	---	---	---
15	5.7	239	203	132	---	---	---	---	---	---	---	---
16	5.5	934	651	105	---	---	---	---	---	---	---	---
17	5.3	948	220	---	---	---	---	---	---	---	---	---
18	5.2	62	144	---	---	---	---	---	---	---	---	---
19	6.1	9.6	110	---	---	---	---	---	---	---	---	---
20	464	8.3	109	---	---	---	---	---	---	---	---	---
21	248	152	568	---	---	---	---	---	---	---	---	---
22	14	3,720	767	---	---	---	---	---	---	---	---	---
23	7.6	3,630	1,820	---	---	---	---	---	---	---	---	---
24	6.6	345	393	---	---	---	---	---	---	---	---	---
25	6.2	188	216	---	---	---	---	---	---	---	---	---
26	6.0	134	158	---	---	---	---	---	---	---	---	---
27	458	314	1,680	---	---	---	---	---	---	---	---	---
28	281	4,310	2,230	---	---	---	---	---	---	---	---	---
29	11	3,560	370	---	---	---	---	---	---	---	---	---
30	7.7	767	222	---	---	---	---	---	---	---	---	---
31	6.9	---	187	---	---	---	---	---	---	---	---	---
<b>Total</b>	1,621.3	19,412.0	21,513	---	---	---	---	---	---	---	---	---
<b>Mean</b>	52.3	647	694	---	---	---	---	---	---	---	---	---
<b>Max</b>	464	4,310	6,740	---	---	---	---	---	---	---	---	---
<b>Min</b>	5.1	5.9	78	---	---	---	---	---	---	---	---	---

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1925 - 2012, BY WATER YEAR (WY)**

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	75.9	168	305	437	496	555	442	307	172	105	86.6	86.7
<b>Max</b>	580	1,103	1,427	1,487	1,281	1,822	1,849	1,646	996	740	531	1,220
<b>(WY)</b>	(1984)	(1986)	(1991)	(1950)	(1955)	(1963)	(2011)	(1996)	(1998)	(2001)	(1926)	(1979)
<b>Min</b>	0.07	0.00	1.64	1.67	12.2	41.5	31.6	10.9	0.47	0.00	1.18	0.17
<b>(WY)</b>	(1941)	(2000)	(1964)	(1977)	(1934)	(1941)	(1971)	(1934)	(1999)	(1999)	(2007)	(1985)

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**SUMMARY STATISTICS**

	Calendar Year 2011		Water Years 1925 - 2012	
<b>Annual total</b>	189,199.0			
<b>Annual mean</b>	518		268	
<b>Highest annual mean</b>			583	1979
<b>Lowest annual mean</b>			82.4	1954
<b>Highest daily mean</b>	8,300	Apr 23	19,400	Mar 10, 1964
<b>Lowest daily mean</b>	5.1	Oct 12	0.00	Jul 19, 1930
<b>Annual seven-day minimum</b>	5.3	Oct 6	0.00	Jul 19, 1930
<b>Maximum peak flow</b>			22,400	Mar 10, 1964
<b>Maximum peak stage</b>			20.87	May 14, 1933
<b>Instantaneous low flow</b>			0.00	Sep 15, 1930
<b>10 percent exceeds</b>	1,270		543	
<b>50 percent exceeds</b>	95		44	
<b>90 percent exceeds</b>	6.4		2.4	

