

Water-Data Report 2012

03333600 KOKOMO CREEK NEAR KOKOMO, IN

Wabash River Basin

LOCATION.--Lat 40°26'28", long 86°05'20" referenced to North American Datum of 1927, in NW ¼ SW ¼ sec.16, T.23 N., R.4 E., Howard County, IN, Hydrologic Unit 05120107, on left bank at upstream side of bridge on County Road 200 East, 0.5 mi south of County Road 200 South, 2.6 mi southeast of intersection of U.S. Highways 31 and 35 in Kokomo, and 4.2 mi upstream from mouth.

DRAINAGE AREA.--24.70 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--July 1959 to Jan. 2012 (discontinued).

REVISED RECORDS.--WSP 2109: Drainage area. WDR IN-72-1: 1970-71(P).

GAGE.--Water-stage recorder. Datum of gage is 807.68 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records poor.

03333600 KOKOMO CREEK NEAR KOKOMO, IN—Continued

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

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.0	1.0	153	41	---	---	---	---	---	---	---	---
2	0.86	0.99	95	33	---	---	---	---	---	---	---	---
3	0.75	0.98	85	26	---	---	---	---	---	---	---	---
4	0.68	1.2	125	24	---	---	---	---	---	---	---	---
5	0.63	1.0	207	22	---	---	---	---	---	---	---	---
6	e0.67	1.0	252	21	---	---	---	---	---	---	---	---
7	e0.64	1.1	128	18	---	---	---	---	---	---	---	---
8	e0.68	1.3	77	15	---	---	---	---	---	---	---	---
9	e1.0	1.3	48	15	---	---	---	---	---	---	---	---
10	e0.79	1.3	33	e16	---	---	---	---	---	---	---	---
11	e0.74	1.3	23	---	---	---	---	---	---	---	---	---
12	e0.76	1.3	18	---	---	---	---	---	---	---	---	---
13	e0.79	1.3	15	---	---	---	---	---	---	---	---	---
14	e1.2	7.2	29	---	---	---	---	---	---	---	---	---
15	e0.81	17	391	---	---	---	---	---	---	---	---	---
16	e0.70	7.6	243	---	---	---	---	---	---	---	---	---
17	e0.67	4.3	123	---	---	---	---	---	---	---	---	---
18	e1.1	3.1	85	---	---	---	---	---	---	---	---	---
19	e3.6	2.3	65	---	---	---	---	---	---	---	---	---
20	9.9	2.1	80	---	---	---	---	---	---	---	---	---
21	6.0	1.9	129	---	---	---	---	---	---	---	---	---
22	3.3	4.9	96	---	---	---	---	---	---	---	---	---
23	2.1	18	65	---	---	---	---	---	---	---	---	---
24	1.5	11	47	---	---	---	---	---	---	---	---	---
25	1.3	6.9	39	---	---	---	---	---	---	---	---	---
26	1.1	5.5	32	---	---	---	---	---	---	---	---	---
27	1.2	8.0	35	---	---	---	---	---	---	---	---	---
28	1.1	22	35	---	---	---	---	---	---	---	---	---
29	0.95	181	35	---	---	---	---	---	---	---	---	---
30	0.97	257	36	---	---	---	---	---	---	---	---	---
31	1.1	---	47	---	---	---	---	---	---	---	---	---
Total	48.59	574.87	2,871	---	---	---	---	---	---	---	---	---
Mean	1.57	19.2	92.6	---	---	---	---	---	---	---	---	---
Max	9.9	257	391	---	---	---	---	---	---	---	---	---
Min	0.63	0.98	15	---	---	---	---	---	---	---	---	---
Cfsm	0.06	0.78	3.75	---	---	---	---	---	---	---	---	---
In.	0.07	0.87	4.32	---	---	---	---	---	---	---	---	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1960 - 2012, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	10.4	18.2	28.1	29.2	36.1	49.1	41.3	29.6	22.4	17.0	6.33	6.89
Max	98.6	144	102	172	129	150	117	87.2	99.7	201	58.5	77.3
(WY)	(2002)	(1993)	(1991)	(2005)	(1990)	(1982)	(1964)	(1996)	(1980)	(2003)	(1998)	(2003)
Min	0.24	0.55	0.44	0.33	1.98	4.21	2.02	2.52	1.20	1.07	0.50	0.16
(WY)	(2011)	(2000)	(1977)	(1977)	(1964)	(2000)	(2000)	(1976)	(1988)	(1988)	(1988)	(1991)

03333600 KOKOMO CREEK NEAR KOKOMO, IN—Continued

SUMMARY STATISTICS

	Calendar Year 2011		Water Years 1960 - 2012	
Annual total	15,764.94			
Annual mean	43.2		24.4	
Highest annual mean			45.2	1993
Lowest annual mean			6.51	2000
Highest daily mean	676	Jun 5	1,890	Jul 5, 2003
Lowest daily mean	0.63	Oct 5	0.01	Sep 15, 2002
Annual seven-day minimum	0.70	Oct 2	0.02	Sep 11, 2002
Maximum peak flow			2,950	Jul 5, 2003
Maximum peak stage			11.85	Jul 5, 2003
Annual runoff (cfsm)	1.75		0.988	
Annual runoff (inches)	23.74		13.42	
10 percent exceeds	125		58	
50 percent exceeds	9.9		7.7	
90 percent exceeds	0.98		0.80	

