Water-Data Report 2011

03324000 LITTLE RIVER NEAR HUNTINGTON, IN

Wabash River Basin

LOCATION.--Lat 40°54′14″, long 85°24′22″ referenced to North American Datum of 1927, in NE ¼ NW ¼ sec.9, T.28 N., R.10 E., Huntington County, IN, Hydrologic Unit 05120101, on right bank on upstream side of former highway bridge, 0.5 mi upstream of County Road 200 East bridge, 5 mi east of Huntington, and at mile 7.5.

DRAINAGE AREA.--263.00 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1943 to current year. Prior to January 1944 monthly discharge only, published in WSP 1305. Published as Little River at Huntington, January 1944 to September 1948, Little River near Huntington, October 1948 to September 1956, and Little Wabash River near Huntington, October 1956 to September 1961.

REVISED RECORDS.--WSP 2109: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 728.10 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1948, non-recording gage 3.5 mi downstream at datum 8.79 ft lower, and Oct. 1, 1948, to Sept. 5, 1950, non-recording gage at present site and datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor. During periods of extreme high water in the St. Marys River, some water leaves the St. Marys River Basin through Junk Ditch and flows into Little River Basin via Graham McCulloch Ditch.

Suggested citation: U.S. Geological Survey, 2012, Water-resources data for the United States, Water Year 2011: U.S. Geological Survey Water-Data Report WDR-US-2011, site 03324000, accessed at http://wdr.water.usgs.gov/wy2011/pdfs/03324000.2011.pdf

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	19	20	101	422	e18	2,760	94	535	692	54	22	19
2	19	21	66	443	e18	1,530	92	405	439	53	22	19
3	20	21	47	e120	e18	707	83	327	315	49	25	18
4	20	22	40	e73	e18	505	99	302	230	46	25	19
5	19	23	e35	e57	e19	2,160	197	209	199	43	25	20
6	18	21	e31	e47	e20	2,110	157	214	158	41	25	19
7	18	21	e28	e41	e20	1,020	119	250	133	39	40	20
8	18	21	e27	e37	e20	555	266	336	114	38	51	25
9	17	21	e27	e34	e19	752	478	266	104	37	48	56
10	17	22	e28	e31	e19	1,100	295	201	717	35	55	44
11	18	21	e28	e30	e18	566	234	155	1,420	35	35	32
12	17	21	60	e28	e19	379	217	130	517	41	29	28
13	19	22	e56	e27	e24	269	156	114	259	36	26	28
14	19	23	e52	e26	e38	201	128	460	165	32	34	23
15	18	23	e47	e25	e101	193	119	2,700	139	31	32	23
16	19	22	e41	e25	400	369	117	1,560	155	29	24	23
17	19	27	e36	e24	1,150	309	113	693	131	27	24	24
18	18	31	e32	e24	2,390	231	91	415	116	26	21	23
19	19	24	e29	e24	1,410	171	239	309	294	27	20	27
20	19	23	e28	e23	633	140	2,390	233	349	27	20	65
21	19	22	e26	e23	534	137	1,730	179	574	26	22	45
22	18	23	e25	e22	494	294	905	152	416	25	21	30
23	25	34	e24	e22	324	465	1,750	561	196	25	22	27
24	27	44	e23	e21	255	398	892	2,850	134	28	23	31
25	20	195	e22	e21	303	282	877	2,290	107	28	50	82
26	20	378	e21	e21	283	208	1,570	4,040	86	27	43	272
27	22	152	e20	e20	253	162	1,140	4,520	75	25	27	186
28	21	68	e20	e20	2,740	133	2,600	3,750	69	24	23	129
29	21	48	e19	e19	---	115	2,010	3,370	62	23	20	133
30	21	80	e23	e19	---	103	888	2,610	56	24	19	136
31	21	---	e38	e18	---	98	---	1,390	---	23	19	---
Total	605	1,494	1,100	1,787	11,558	18,422	20,046	35,526	8,421	1,024	892	1,626
Mean	19.5	49.8	35.5	57.6	413	594	668	1,146	281	33.0	28.8	54.2
Max	27	378	101	443	2,740	2,760	2,600	4,520	1,420	54	55	272
Min	17	20	19	18	18	98	83	114	56	23	19	18
Cfsm	0.07	0.19	0.13	0.22	1.57	2.26	2.54	4.36	1.07	0.13	0.11	0.21
In.	0.09	0.21	0.16	0.25	1.63	2.61	2.84	5.02	1.19	0.14	0.13	0.23

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1945 - 2011, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	94.5	159	291	339	409	488	419	274	246	123	72.4	62.9
Max	906	1,137	1,010	1,693	1,164	1,765	1,396	1,146	1,005	799	501	414
(WY)	(2002)	(1993)	(1967)	(1950)	(1959)	(1982)	(1957)	(2011)	(2004)	(2003)	(1958)	(1992)
Min	5.72	10.2	8.93	6.25	17.5	90.7	40.3	35.2	22.3	15.9	7.76	4.22
(WY)	(1963)	(1965)	(1964)	(1977)	(1964)	(1981)	(1946)	(1963)	(1988)	(1962)	(1963)	(1962)

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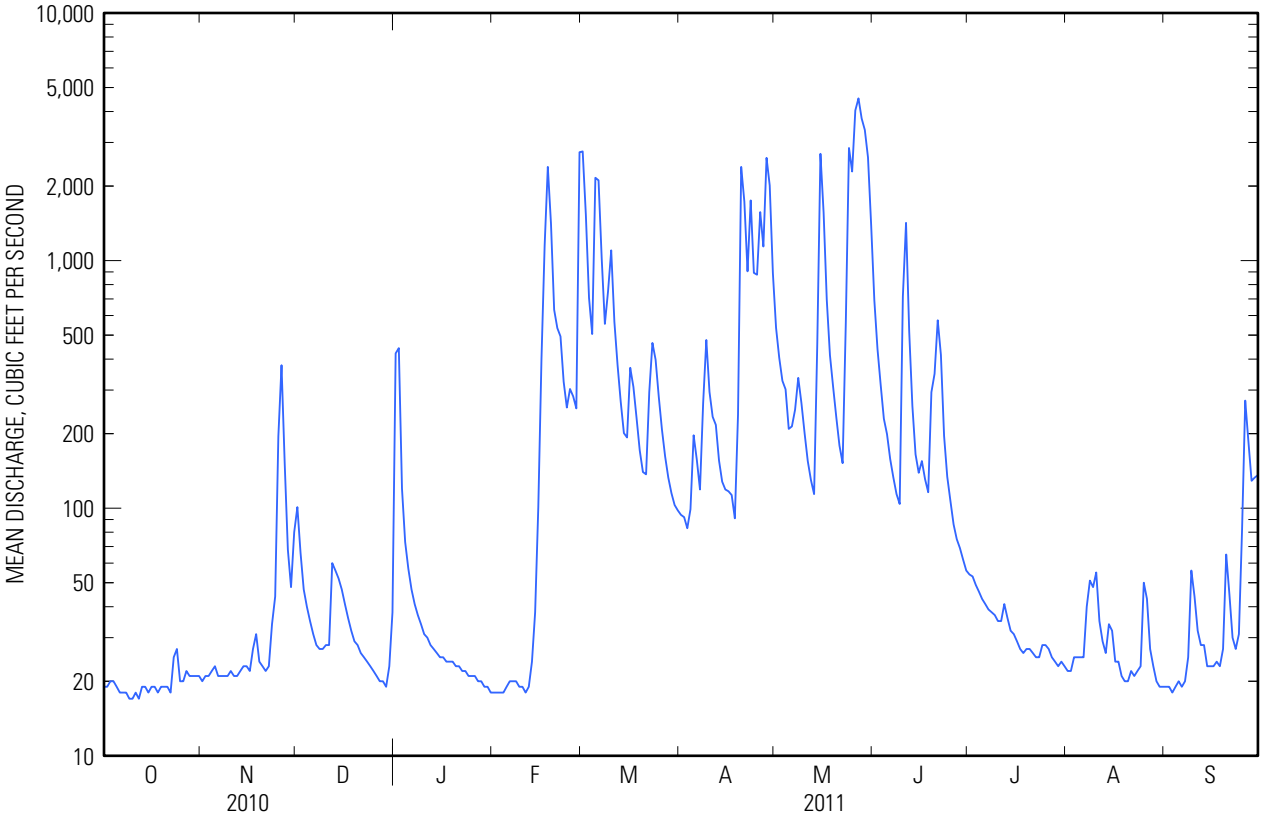
SUMMARY STATISTICS

	Calendar Year 2010		Water Year 2011		Water Years 1945 - 2011	
Annual total	70,421		102,501			
Annual mean	193		281		247	
Highest annual mean					450	1950
Lowest annual mean					67.0	1954
Highest daily mean	3,310	May 22	4,520	May 27	5,610	Mar 14, 1982
Lowest daily mean	16	Aug 31	17	Oct 9	1.1	Oct 8, 1946
Annual seven-day minimum	18	Oct 6	18	Oct 6	1.8	Oct 7, 1946
Maximum peak flow			4,620	May 27	5,990	Jan 4, 1950
Maximum peak stage			17.69	May 27	19.50	Feb 25, 1985
Annual runoff (cfsm)	0.734		1.07		0.940	
Annual runoff (inches)	9.96		14.50		12.77	
10 percent exceeds	456		692		620	
50 percent exceeds	58		39		72	
90 percent exceeds	19		19		16