

Water-Data Report 2013

03360730 WHITE RIVER NEAR EDWARDSPOET, IN

White River Basin

LOCATION.-- Lat 38°47'42.2", long 87°14'30.7" referenced to North American Datum of 1983, in SE ¼ NE ¼ sec.12, T.4 N., R.8 W., Knox County, IN, Hydrologic Unit 05120202, on bridge at St. Rd 358, 1.7 mi southeast of Edwardsport, 1.17 mi east of junction of SR 67, 17 mi northeast of Vincennes, and at 81 river mile.

DRAINAGE AREA.-- 5,015 mi², drainage area derived from the "Drainage Areas of Indiana Streams" publication also known as the Hogget maps

SURFACE-WATER RECORDS

PERIOD OF RECORD.— August 03, 2012 to current year

GAGE.-- Water stage recorder. Datum of gage is 431.56 ft above NGVD 88.

REMARKS.-- Records fair except for estimated daily discharges, which are poor.

EXTREMES FOR PERIOD OF RECORD.-- Flood on April 24 2013 reached a stage of 25.40 ft and a discharge of 61,400 cfs.

03360730 WHITE RIVER NEAR EDWARDSPORT, IN—Continued

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

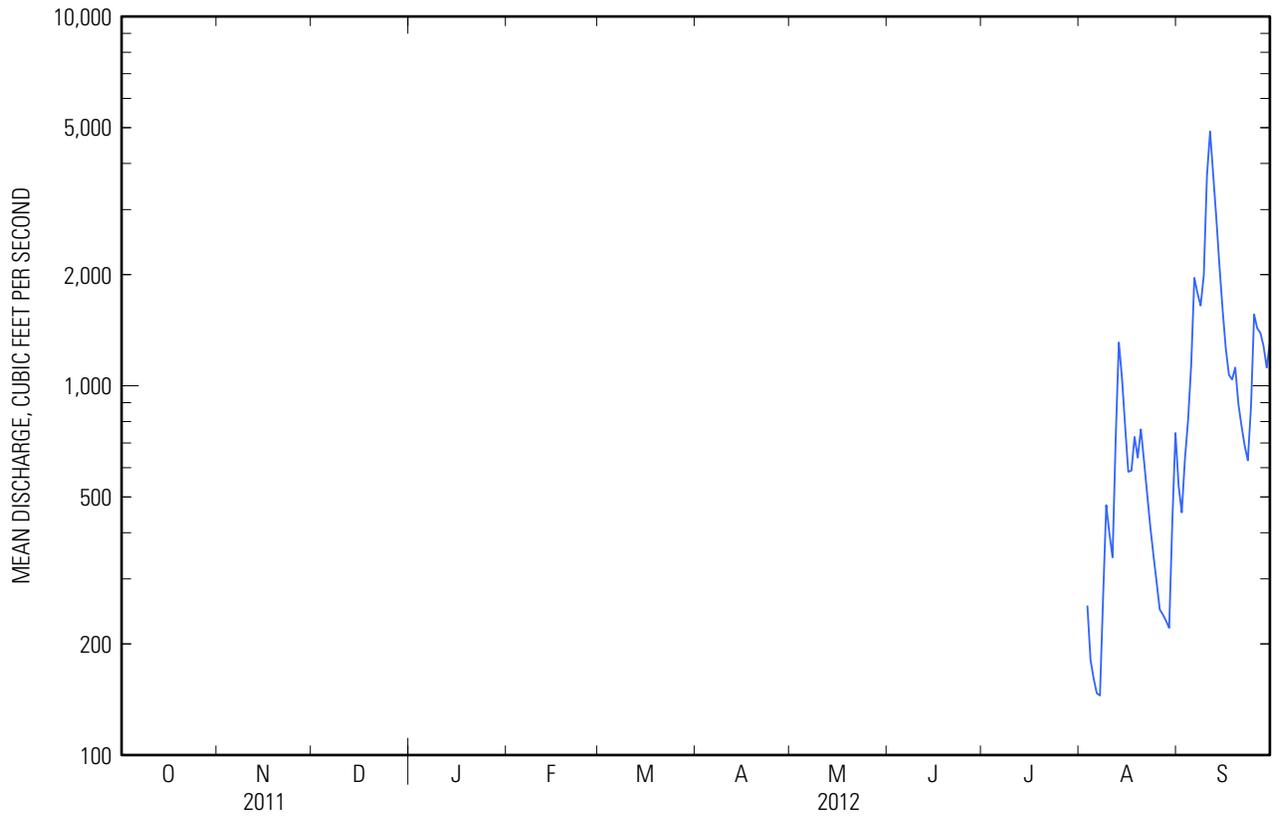
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	---	---	536
2	---	---	---	---	---	---	---	---	---	---	---	454
3	---	---	---	---	---	---	---	---	---	---	e254	632
4	---	---	---	---	---	---	---	---	---	---	181	805
5	---	---	---	---	---	---	---	---	---	---	161	1,140
6	---	---	---	---	---	---	---	---	---	---	147	1,960
7	---	---	---	---	---	---	---	---	---	---	145	1,780
8	---	---	---	---	---	---	---	---	---	---	268	1,650
9	---	---	---	---	---	---	---	---	---	---	475	1,990
10	---	---	---	---	---	---	---	---	---	---	398	3,700
11	---	---	---	---	---	---	---	---	---	---	343	4,880
12	---	---	---	---	---	---	---	---	---	---	718	3,720
13	---	---	---	---	---	---	---	---	---	---	1,310	2,830
14	---	---	---	---	---	---	---	---	---	---	1,050	2,100
15	---	---	---	---	---	---	---	---	---	---	778	1,600
16	---	---	---	---	---	---	---	---	---	---	585	1,260
17	---	---	---	---	---	---	---	---	---	---	589	1,070
18	---	---	---	---	---	---	---	---	---	---	727	1,040
19	---	---	---	---	---	---	---	---	---	---	639	1,120
20	---	---	---	---	---	---	---	---	---	---	762	893
21	---	---	---	---	---	---	---	---	---	---	627	778
22	---	---	---	---	---	---	---	---	---	---	510	688
23	---	---	---	---	---	---	---	---	---	---	415	628
24	---	---	---	---	---	---	---	---	---	---	348	876
25	---	---	---	---	---	---	---	---	---	---	294	1,560
26	---	---	---	---	---	---	---	---	---	---	248	1,430
27	---	---	---	---	---	---	---	---	---	---	240	1,390
28	---	---	---	---	---	---	---	---	---	---	231	1,280
29	---	---	---	---	---	---	---	---	---	---	221	1,120
30	---	---	---	---	---	---	---	---	---	---	430	1,310
31	---	---	---	---	---	---	---	---	---	---	745	---
Total	---	---	---	---	---	---	---	---	---	---	---	46,220
Mean	---	---	---	---	---	---	---	---	---	---	---	1,541
Max	---	---	---	---	---	---	---	---	---	---	---	4,880
Min	---	---	---	---	---	---	---	---	---	---	---	454
Cfsm	---	---	---	---	---	---	---	---	---	---	---	0.31
In.	---	---	---	---	---	---	---	---	---	---	---	0.34

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

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	---	---	---	---	---	---	---	---	---	---	---	1,541
Max	---	---	---	---	---	---	---	---	---	---	---	1,541
(WY)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(2012)
Min	---	---	---	---	---	---	---	---	---	---	---	1,541
(WY)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(2012)

03360730 WHITE RIVER NEAR EDWARDSPORT, IN—Continued



03360730 WHITE RIVER NEAR EDWARDSPO, IN—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1,330	2,360	1,180	3,140	16,700	17,400	6,970	18,600	11,200	12,300	2,060	938
2	1,330	2,110	1,130	3,100	17,900	18,100	6,590	14,800	e14,900	11,800	1,980	1,010
3	1,520	2,120	1,110	3,020	17,800	16,500	5,950	12,200	e15,900	11,600	1,900	1,010
4	1,390	2,140	1,110	2,860	14,400	12,800	5,420	10,700	e15,100	10,900	1,830	1,110
5	1,610	2,130	1,150	2,730	10,400	10,100	4,990	11,300	e12,700	9,820	1,770	999
6	2,520	2,070	1,140	2,600	8,740	8,960	4,620	13,800	9,480	9,020	1,880	897
7	3,320	1,890	1,140	2,540	7,820	8,490	4,350	13,800	8,150	7,830	1,860	839
8	3,030	1,700	1,210	2,470	7,390	8,530	4,150	11,900	7,180	7,340	1,790	795
9	3,410	1,510	1,220	2,470	7,410	8,490	4,000	9,920	6,530	6,080	1,880	755
10	3,060	1,380	1,300	3,530	7,460	8,480	3,850	9,920	7,320	5,340	1,740	731
11	2,790	1,260	1,830	7,510	8,000	8,700	4,120	13,000	10,000	5,420	1,700	720
12	2,310	1,310	2,630	14,100	8,370	9,160	6,700	14,000	10,600	7,450	1,810	707
13	1,890	1,670	3,330	18,400	8,100	9,480	8,450	12,600	11,000	6,520	1,740	699
14	1,580	1,870	3,580	26,300	7,650	9,340	11,000	10,100	9,450	4,540	1,630	695
15	1,420	2,410	3,400	34,400	7,250	8,800	12,200	8,760	8,240	3,890	1,520	675
16	1,230	2,710	3,080	38,000	6,840	8,170	11,700	8,370	9,620	3,500	1,420	661
17	1,110	2,730	2,840	44,200	6,410	7,470	9,860	8,430	11,000	3,190	1,340	644
18	1,180	2,530	2,670	48,200	6,020	9,990	12,300	7,360	10,000	2,970	1,270	624
19	1,240	2,240	2,540	44,700	6,020	14,700	18,500	7,020	8,220	2,790	1,220	619
20	1,300	2,000	2,310	36,100	6,640	13,300	28,100	7,040	7,240	2,660	1,170	618
21	1,740	1,810	2,220	22,300	6,360	10,100	39,100	6,910	6,350	7,070	1,130	637
22	1,940	1,660	2,390	12,900	5,990	8,420	46,000	6,900	5,830	7,870	1,090	1,040
23	2,310	1,560	3,050	9,860	6,060	7,350	56,800	6,490	6,640	4,930	1,050	1,350
24	2,340	1,510	3,530	8,620	6,280	6,380	60,400	6,180	5,820	3,960	1,020	1,340
25	2,080	1,420	3,930	7,650	6,320	5,860	53,400	5,960	5,070	3,440	979	1,210
26	2,730	1,380	3,840	7,050	6,960	5,760	42,100	5,710	8,290	3,060	937	1,040
27	3,570	1,360	3,580	6,790	12,200	5,900	34,600	5,520	18,300	2,750	902	924
28	3,880	1,310	3,360	6,620	15,600	6,220	32,900	e5,490	25,000	2,520	874	823
29	3,580	1,220	3,310	6,820	---	6,060	30,400	e5,690	21,700	2,360	853	778
30	3,110	1,230	3,270	9,550	---	6,100	24,800	5,920	14,100	2,310	829	747
31	2,710	---	3,170	14,800	---	6,600	---	7,430	---	2,170	813	---
Total	68,560	54,600	75,550	453,330	253,090	291,710	594,320	291,820	320,930	177,400	43,987	25,635
Mean	2,212	1,820	2,437	14,620	9,039	9,410	19,810	9,414	10,700	5,723	1,419	854
Max	3,880	2,730	3,930	48,200	17,900	18,100	60,400	18,600	25,000	12,300	2,060	1,350
Min	1,110	1,220	1,110	2,470	5,990	5,760	3,850	5,490	5,070	2,170	813	618
Cfsm	0.44	0.36	0.49	2.92	1.80	1.88	3.95	1.88	2.13	1.14	0.28	0.17
In.	0.51	0.41	0.56	3.36	1.88	2.16	4.41	2.16	2.38	1.32	0.33	0.19

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2012 - 2013, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	2,212	1,820	2,437	14,620	9,039	9,410	19,810	9,414	10,700	5,723	1,419	1,198
Max	2,212	1,820	2,437	14,620	9,039	9,410	19,810	9,414	10,700	5,723	1,419	1,541
(WY)	(2013)	(2013)	(2013)	(2013)	(2013)	(2013)	(2013)	(2013)	(2013)	(2013)	(2013)	(2012)
Min	2,212	1,820	2,437	14,620	9,039	9,410	19,810	9,414	10,700	5,723	1,419	854
(WY)	(2013)	(2013)	(2013)	(2013)	(2013)	(2013)	(2013)	(2013)	(2013)	(2013)	(2013)	(2013)

03360730 WHITE RIVER NEAR EDWARDSPO, IN—Continued

SUMMARY STATISTICS

	Water Year 2013		Water Years 2012 - 2013	
Annual total	2,650,932			
Annual mean	7,263		7,263	
Highest annual mean			7,263	2013
Lowest annual mean			7,263	2013
Highest daily mean	60,400	Apr 24	60,400	Apr 24, 2013
Lowest daily mean	618	Sep 20	145	Aug 7, 2012
Annual seven-day minimum	640	Sep 15	233	Aug 3, 2012
Maximum peak flow	61,400	Apr 24	61,400	Apr 24, 2013
Maximum peak stage	25.40	Apr 24	25.40	Apr 24, 2013
Annual runoff (cfsm)	1.45		1.45	
Annual runoff (inches)	19.66		19.68	
10 percent exceeds	14,800		14,800	
50 percent exceeds	4,540		4,540	
90 percent exceeds	1,100		1,100	

