Water-Data Report 2012

03365500 EAST FORK WHITE RIVER AT SEYMOUR, IN

East Fork White River Basin

LOCATION.--Lat 38°58′57″, long 85°53′57″ referenced to North American Datum of 1927, in NW ¼ NE ¼ sec.7, T.6 N., R.6 E., Jackson County, IN, Hydrologic Unit 05120206, on left bank 1,700 ft downstream from county road highway bridge, 1 mi north of Seymour, 9.5 mi downstream from Sand Creek, and at mile 214.6.

DRAINAGE AREA – 2,341.00 mi^2, drainage area derived from the "Drainage Areas of Indiana Streams" publication also known as the Hogget maps

SURFACE-WATER RECORDS

PERIOD OF RECORD -- October 1927 to current year. Yearly maximum discharge only for water years 1924-27 published in WSP 1305. Daily gage heights from May 1923 to September 1927 are available in the district office.

REVISED RECORDS -- WSP 743: 1928-29, 1931-32. WSP 783: 1934. WSP 873: 1938. WSP 1335: 1928(M), 1929-30, 1932-33(M), 1937(M), 1942. WSP 1435: 1949. WSP 1705: 1958. WSP 2109: Drainage area.

GAGE -- Water-stage recorder. Datum of gage is 550.67 ft above National Geodetic Vertical Datum of 1929. Oct. 1, 1927 to July 2, 1931, nonrecording gage 1,700 ft upstream at datum 7.61 ft higher. July 3, 1931 to July 16, 1934, nonrecording gage at site 100 ft downstream at present datum.

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

EXTREMES OUTSIDE PERIOD OF RECORD -- Flood of Mar. 26, 1913, reached a stage of 21.0 ft, from information by Corps of Engineers and Indiana Department of Highways, discharge, 120,000 ft^3/s.

Suggested citation: U.S. Geological Survey, 2013, Water-resources data for the United States, Water Year 2012: U.S. Geological Survey Water-Data Report WDR-US-2012, site 03365500, accessed at http://wdr.water.usgs.gov/wy2012/pdfs/03365500.2012.pdf

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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	e585	482	15,700	5,110	4,670	1,710	3,810	1,470	1,080	388	242	221
2	e544	466	14,700	4,930	4,270	1,830	3,980	4,650	1,000	382	242	224
3	e525	463	9,640	4,180	3,840	1,970	3,350	9,370	951	369	236	227
4	e508	530	6,220	3,600	3,520	3,180	2,880	9,490	907	361	231	246
5	e492	955	9,270	3,270	3,600	2,940	3,430	6,410	865	349	228	275
6	e479	989	33,000	3,060	3,580	2,420	2,780	3,920	825	337	231	326
7	e467	852	31,400	2,890	3,280	2,100	2,300	3,160	e796	325	238	335
8	e456	720	23,200	2,730	3,050	2,070	2,040	4,210	e762	316	242	422
9	e447	664	12,600	2,570	2,860	3,430	1,880	5,230	e732	305	246	824
10	e440	632	7,180	2,440	2,720	3,920	1,770	5,080	e709	300	269	1,210
11	e434	603	5,160	2,390	2,630	3,200	1,670	3,730	e686	294	271	e883
12	e428	600	4,310	2,870	2,510	2,710	1,590	2,830	672	286	314	e651
13	e423	577	3,770	3,330	2,370	2,470	1,520	2,380	647	281	334	e546
14	e425	570	3,410	3,030	2,310	2,300	1,780	2,110	626	284	310	e481
15	e419	2,160	4,110	2,660	2,280	2,130	4,750	1,920	608	276	283	e440
16	e414	2,710	8,580	2,440	2,260	2,020	3,360	1,760	592	274	279	e414
17	e415	2,220	10,600	3,990	2,280	1,920	2,690	1,620	576	287	279	e396
18	e415	1,600	9,380	19,000	2,340	1,910	2,300	1,510	559	331	257	e386
19	e417	1,260	6,160	15,900	2,320	1,840	2,000	1,420	543	311	254	e376
20	e439	1,060	4,870	9,820	2,210	1,730	1,820	1,350	525	296	250	e364
21	536	974	6,570	6,050	2,120	1,650	1,700	1,300	510	285	248	e373
22	1,150	1,260	11,200	4,560	2,090	1,590	1,610	1,250	497	285	239	e394
23	1,130	3,690	9,420	5,420	2,080	1,760	1,520	1,210	482	288	227	e404
24	900	4,820	7,110	7,790	2,040	6,820	1,440	1,170	467	284	220	e423
25	726	4,110	5,290	7,980	1,950	9,410	1,390	1,130	451	272	217	e491
26	633	2,930	4,380	7,740	1,850	9,690	1,350	1,080	437	262	215	e521
27	622	2,460	4,090	18,300	1,770	6,540	1,310	1,040	426	255	216	e529
28	595	4,100	6,310	22,400	1,710	4,220	1,390	995	414	250	222	e517
29	560	7,130	7,140	13,600	1,690	3,370	1,450	989	403	245	215	e505
30	527	10,600	6,090	7,790	---	2,870	1,540	978	392	244	213	e513
31	503	---	5,040	5,530	---	4,500	---	1,060	---	240	216	---
Total	17,054	62,187	295,900	207,370	76,200	100,220	66,400	85,822	19,140	9,262	7,684	13,917
Mean	550	2,073	9,545	6,689	2,628	3,233	2,213	2,768	638	299	248	464
Max	1,150	10,600	33,000	22,400	4,670	9,690	4,750	9,490	1,080	388	334	1,210
Min	414	463	3,410	2,390	1,690	1,590	1,310	978	392	240	213	221
Cfsm	0.23	0.89	4.08	2.86	1.12	1.38	0.95	1.18	0.27	0.13	0.11	0.20
In.	0.27	0.99	4.70	3.30	1.21	1.59	1.06	1.36	0.30	0.15	0.12	0.22

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1928 - 2012, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	851	1,653	2,763	4,119	3,991	4,734	4,475	3,768	2,673	1,629	997	676
Max	6,426	11,570	9,545	19,560	12,290	14,230	16,340	17,020	13,730	6,040	8,795	4,244
(WY)	(2002)	(1994)	(2012)	(1950)	(1950)	(2008)	(2011)	(1996)	(2008)	(1979)	(1979)	(1989)
Min	162	182	207	192	373	299	356	264	394	199	148	136
(WY)	(1941)	(1935)	(1964)	(1977)	(1931)	(1941)	(1941)	(1941)	(1931)	(1941)	(1941)	(1941)

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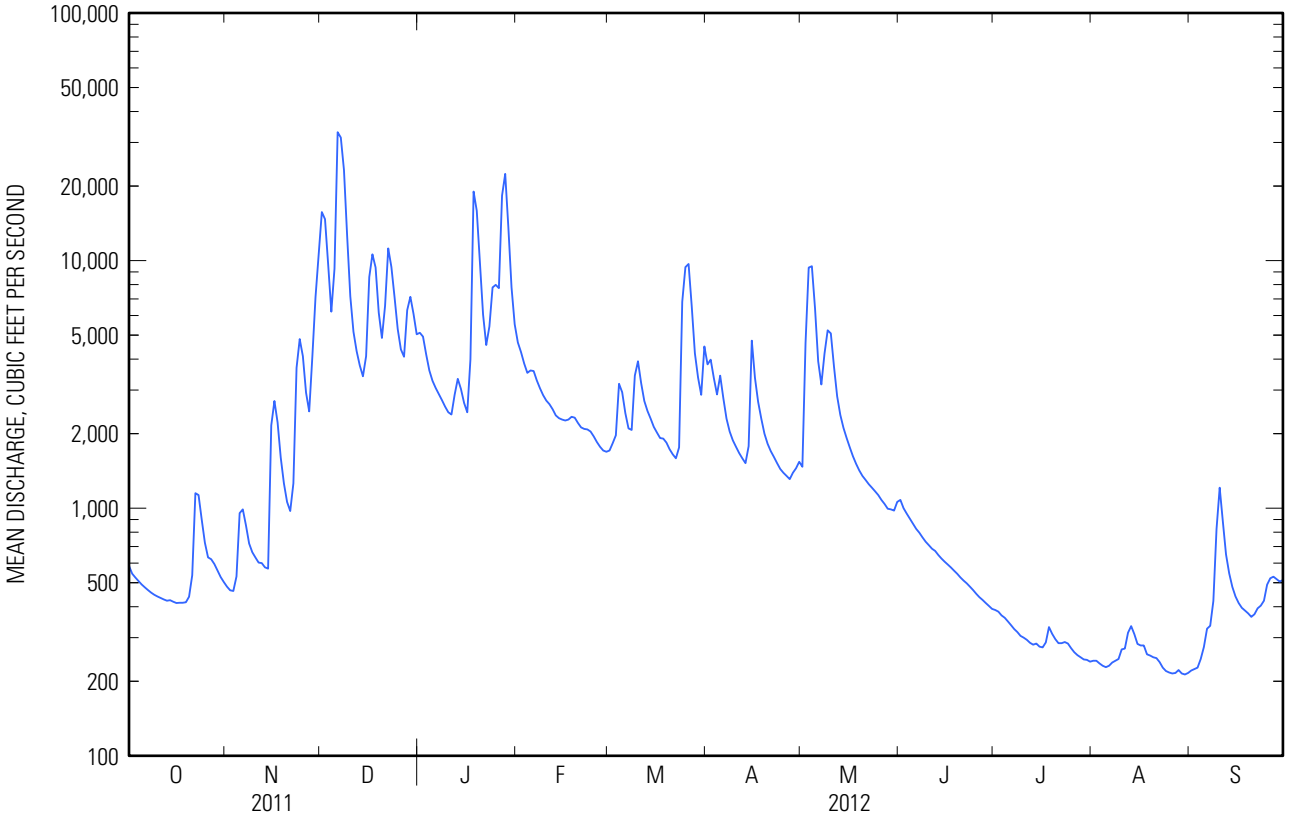
SUMMARY STATISTICS

	Calendar Year 2011		Water Year 2012		Water Years 1928 - 2012	
Annual total	1,946,436		961,156			
Annual mean	5,333		2,626		2,688	
Highest annual mean					4,870	2002
Lowest annual mean					287	1941
Highest daily mean	42,900	Apr 22	33,000	Dec 6	79,500	Jun 8, 2008
Lowest daily mean	396	Sep 18	213	Aug 30	86	Sep 28, 1941
Annual seven-day minimum	404	Sep 15	216	Aug 25	93	Sep 25, 1941
Maximum peak flow			38,300	Dec 6	96,400	Jun 8, 2008
Maximum peak stage			17.87	Dec 6	20.91	Jun 8, 2008
Annual runoff (cfsm)	2.28		1.12		1.15	
Annual runoff (inches)	30.93		15.27		15.60	
10 percent exceeds	15,200		6,340		6,060	
50 percent exceeds	2,160		1,330		1,300	
90 percent exceeds	437		273		307