

Water-Data Report 2007

03373980 WHITE RIVER ABOVE PETERSBURG, IN

White River Basin

LOCATION.--Lat 38°31'42", long 87°15'14" referenced to North American Datum of 1927, in NE ¼ SW ¼ sec.12, T.1 N., R.8 W., Pike County, IN, Hydrologic Unit 05120202, on left bank 300 ft upstream from intake structure of Indianapolis Power and Light Company's generating plant, 1.5 mi downstream from East Fork White River, 2.2 mi upstream from State Highway 61, 2.9 mi northeast of Petersburg, and at mile 48.0.

DRAINAGE AREA.--11,123 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1976 to current year. Discharges below 1500 ft³/s only, published 1980 to 1993, and 1995 to current year.

GAGE.--Water-stage recorder. Datum of gage is 401.52 ft above National Geodetic Vertical Datum of 1929.

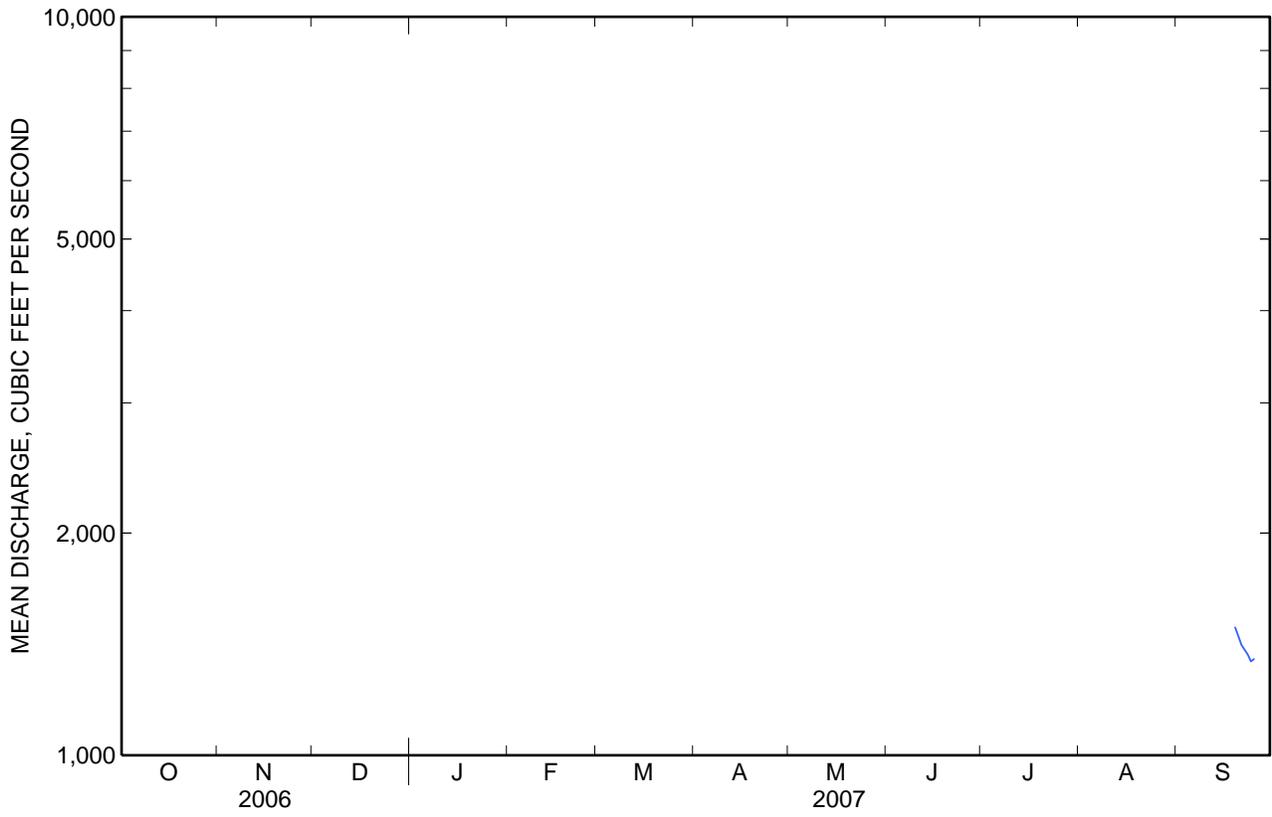
REMARKS.--Discharges below 1,500 ft³/s only, published. Records good. For a complete record of White River in this vicinity use records of White River at Petersburg, IN (03374000), 2.3 mi downstream.

03373980 WHITE RIVER ABOVE PETERSBURG, IN—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	1,490
20	---	---	---	---	---	---	---	---	---	---	---	1,450
21	---	---	---	---	---	---	---	---	---	---	---	1,410
22	---	---	---	---	---	---	---	---	---	---	---	1,390
23	---	---	---	---	---	---	---	---	---	---	---	1,370
24	---	---	---	---	---	---	---	---	---	---	---	1,340
25	---	---	---	---	---	---	---	---	---	---	---	1,350
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Total	---	---	---	---	---	---	---	---	---	---	---	---
Mean	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---
Cfsm	---	---	---	---	---	---	---	---	---	---	---	---
In.	---	---	---	---	---	---	---	---	---	---	---	---

03373980 WHITE RIVER ABOVE PETERSBURG, IN—Continued



03373980 WHITE RIVER ABOVE PETERSBURG, IN—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--

WATER TEMPERATURE: September 1988 to current year.

INSTRUMENTATION.--Temperature recorder.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 34.7°C, Aug. 9, 2007; minimum, -0.4°C, Dec. 16, 21, 1989; Jan. 1, 2, 1990; Jan. 15, 16, 18, 19, 1994.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 34.7°C, Aug. 9, minimum, 0.2°C, Feb. 7, 8, and 18.

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	18.8	17.6	18.2	---	---	---	10.4	9.3	9.9	7.0	6.7	6.8
2	19.3	18.0	18.6	11.1	10.7	10.9	9.6	9.1	9.3	7.2	6.7	7.0
3	20.3	19.0	19.6	10.7	10.2	10.5	9.5	7.6	8.6	7.3	7.1	7.2
4	---	---	---	10.2	9.5	9.8	7.6	6.4	6.9	7.2	7.1	7.1
5	---	---	---	9.5	9.1	9.3	6.4	5.0	5.7	7.4	7.0	7.1
6	19.7	18.6	19.2	9.3	9.0	9.2	5.0	3.2	4.0	7.8	7.3	7.5
7	19.1	17.9	18.5	9.9	9.2	9.5	3.3	1.9	2.6	8.2	7.6	7.8
8	19.0	17.6	18.4	10.5	9.9	10.2	1.9	1.4	1.7	8.2	7.6	8.0
9	19.4	18.0	18.8	11.3	10.3	10.7	2.1	1.5	1.8	8.0	7.0	7.6
10	20.0	18.9	19.4	12.3	11.3	11.8	2.4	1.7	2.0	7.1	6.4	6.7
11	19.8	18.3	19.3	12.3	11.7	12.0	3.2	2.4	2.7	6.4	5.6	5.8
12	18.3	16.2	17.1	11.7	11.4	11.6	5.2	3.2	4.2	6.0	5.3	5.6
13	16.2	14.8	15.4	11.4	10.9	11.2	6.1	5.1	5.7	6.0	5.5	5.7
14	14.9	13.8	14.4	10.9	10.6	10.8	7.1	5.9	6.3	7.0	5.8	6.3
15	14.1	13.3	13.7	10.7	10.3	10.6	7.6	7.1	7.4	8.0	7.0	7.6
16	13.8	13.1	13.5	10.3	9.5	9.8	7.6	7.3	7.4	7.7	6.7	7.1
17	13.8	13.1	13.5	9.8	9.4	9.6	8.0	7.4	7.7	6.9	6.4	6.7
18	14.5	13.8	14.1	9.7	9.2	9.5	8.2	7.9	8.1	6.7	5.5	6.1
19	14.1	13.5	13.7	9.2	8.8	9.0	8.2	7.9	8.1	5.5	4.3	4.7
20	13.7	13.3	13.5	8.8	8.3	8.5	8.2	7.9	8.1	4.3	3.6	3.9
21	13.8	13.3	13.5	8.3	7.7	8.0	8.4	8.0	8.1	3.9	3.4	3.6
22	13.6	13.2	13.4	7.7	7.0	7.3	9.0	8.4	8.8	3.6	3.2	3.5
23	13.2	12.3	12.8	7.2	6.8	7.0	8.8	8.5	8.6	3.5	2.9	3.2
24	12.3	11.9	12.1	7.2	6.8	7.0	8.6	8.3	8.4	3.9	3.4	3.6
25	11.9	11.2	11.5	7.5	6.9	7.2	8.3	7.8	8.2	3.9	3.2	3.6
26	11.2	10.8	11.0	7.9	7.2	7.6	7.8	6.9	7.3	4.0	3.2	3.6
27	11.0	10.8	10.9	8.7	7.8	8.3	6.9	6.5	6.7	4.2	3.9	4.1
28	11.3	10.9	11.1	9.3	8.5	8.9	6.5	6.2	6.3	4.1	3.4	3.8
29	11.3	10.9	11.1	10.4	9.2	9.8	6.3	5.8	6.0	3.4	3.1	3.3
30	11.9	11.3	11.5	10.8	10.1	10.5	6.2	5.8	6.0	3.3	2.7	3.0
31	11.8	11.5	11.7	---	---	---	7.0	6.2	6.6	2.7	2.3	2.5
Month	---	---	---	---	---	---	10.4	1.4	6.4	8.2	2.3	5.5

03373980 WHITE RIVER ABOVE PETERSBURG, IN—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	2.5	2.2	2.3	3.9	3.4	3.6	17.8	17.3	17.6	19.1	18.3	18.7
2	2.4	2.0	2.2	4.2	3.5	3.8	17.5	16.8	17.2	19.2	18.4	18.8
3	2.0	1.5	1.8	4.4	3.8	4.1	17.3	16.8	17.0	19.4	18.9	19.1
4	1.6	1.0	1.3	5.0	4.1	4.5	16.9	15.1	16.0	19.2	18.4	18.7
5	1.2	0.6	0.8	5.0	4.4	4.7	15.1	13.5	14.3	18.8	18.2	18.5
6	0.7	0.4	0.6	4.8	3.7	4.1	13.5	11.8	12.7	19.5	18.4	19.0
7	0.6	0.2	0.4	4.5	3.4	3.9	11.8	10.1	10.8	19.9	18.8	19.3
8	0.8	0.2	0.5	4.6	3.7	4.1	10.1	8.9	9.5	20.6	19.4	20.0
9	1.0	0.4	0.7	5.7	4.1	4.7	8.9	8.3	8.5	21.4	20.2	20.7
10	1.2	0.4	0.8	6.8	5.6	6.0	8.7	7.9	8.3	22.2	20.8	21.4
11	1.4	0.7	1.0	7.2	6.5	6.8	9.4	8.6	8.9	21.7	21.5	21.6
12	1.6	1.1	1.3	7.8	6.9	7.3	9.3	9.0	9.1	22.5	21.0	21.7
13	1.6	0.9	1.4	9.1	7.8	8.3	9.7	8.8	9.3	22.4	21.1	21.8
14	1.0	0.6	0.8	10.2	9.1	9.7	9.8	9.5	9.6	22.6	21.2	21.9
15	1.5	0.8	1.1	10.3	10.0	10.1	10.0	9.2	9.6	22.9	21.3	22.1
16	1.4	1.0	1.2	10.4	9.8	10.0	10.7	9.7	10.2	22.4	21.4	21.9
17	1.1	0.6	0.9	9.9	9.4	9.6	11.0	10.1	10.6	21.8	21.0	21.4
18	0.9	0.2	0.6	9.5	9.1	9.3	11.9	10.9	11.3	21.5	20.1	20.8
19	1.6	0.5	1.0	9.5	9.1	9.3	12.3	11.6	12.0	21.5	20.0	20.8
20	2.3	1.6	1.9	9.3	9.0	9.2	13.4	12.0	12.6	21.9	20.2	21.0
21	3.2	2.2	2.7	9.4	8.1	8.9	14.5	13.0	13.8	22.7	20.8	21.7
22	3.9	2.8	3.3	10.1	9.0	9.5	15.5	14.2	14.9	23.5	21.4	22.4
23	4.3	3.8	4.0	11.4	10.1	10.7	16.9	15.4	16.1	24.1	22.2	23.1
24	4.2	2.9	3.6	12.2	11.3	11.7	18.1	16.5	17.3	24.7	22.8	23.8
25	2.9	2.2	2.5	13.6	12.2	12.8	18.6	17.8	18.1	25.4	23.6	24.5
26	3.2	2.5	2.8	14.6	13.6	14.0	19.1	18.2	18.6	25.3	24.2	24.8
27	3.5	2.7	3.1	15.5	14.5	14.9	18.7	17.9	18.2	25.4	24.3	24.9
28	3.6	3.2	3.4	16.2	15.5	15.8	18.4	17.6	18.0	25.7	24.6	25.1
29	---	---	---	17.0	16.0	16.5	18.6	17.4	18.0	26.7	24.8	25.6
30	---	---	---	18.0	16.9	17.4	19.2	18.2	18.6	26.8	25.4	26.1
31	---	---	---	18.0	17.6	17.8	---	---	---	26.5	25.8	26.1
Month	4.3	0.2	1.7	18.0	3.4	9.1	19.2	7.9	13.6	26.8	18.2	21.8

03373980 WHITE RIVER ABOVE PETERSBURG, IN—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	27.3	25.5	26.3	28.6	27.8	28.2	32.1	29.3	30.7	28.6	26.2	27.4
2	27.6	25.8	26.7	28.6	26.8	27.7	32.1	30.0	31.1	28.4	25.6	27.0
3	27.5	26.2	26.9	29.1	26.7	27.9	33.1	30.2	31.6	29.0	26.0	27.5
4	26.8	25.6	26.1	29.0	27.7	28.4	33.5	30.9	32.0	29.2	26.3	27.8
5	26.3	25.0	25.7	29.7	27.3	28.6	33.0	30.5	31.7	29.0	26.9	28.0
6	26.5	24.7	25.6	30.4	28.0	29.2	33.4	30.8	32.0	28.4	26.6	27.4
7	27.4	25.3	26.3	30.9	29.0	29.9	33.9	31.2	32.6	27.0	25.7	26.4
8	27.1	26.2	26.6	31.6	29.3	30.4	34.6	31.8	33.1	27.2	26.0	26.5
9	27.7	25.5	26.5	32.0	30.1	31.1	34.7	32.0	33.4	27.8	26.1	26.8
10	27.2	25.7	26.5	32.0	30.4	31.2	34.4	32.0	33.3	28.3	25.8	27.0
11	28.1	25.9	26.9	31.8	30.2	31.0	34.1	31.6	32.9	27.6	25.6	26.5
12	28.4	26.2	27.2	31.0	29.1	30.1	33.9	31.2	32.6	26.2	24.1	25.1
13	28.9	26.5	27.7	30.7	29.2	29.9	33.5	31.3	32.4	25.6	23.4	24.5
14	29.8	27.3	28.5	30.9	28.6	29.8	32.1	30.1	31.0	25.5	23.5	24.3
15	30.0	28.0	29.0	31.1	29.2	30.1	32.3	29.7	31.0	23.8	21.8	22.9
16	30.2	27.8	29.0	31.5	29.0	30.2	32.0	30.2	31.1	---	---	---
17	30.8	28.4	29.6	30.6	29.5	30.0	31.2	28.6	29.8	23.4	20.8	22.1
18	30.0	28.8	29.3	31.1	28.8	29.8	30.4	28.6	29.4	24.5	21.7	23.0
19	29.0	27.9	28.4	31.5	29.6	30.5	29.7	27.8	28.8	25.2	22.6	23.9
20	---	---	---	30.6	28.8	29.8	30.0	28.2	29.1	25.9	23.3	24.6
21	---	---	---	30.1	28.2	29.2	30.5	28.1	29.3	26.2	23.8	25.0
22	30.0	28.1	28.9	29.9	27.6	28.7	32.0	28.9	30.4	26.7	24.1	25.4
23	29.1	27.8	28.3	29.5	27.5	28.5	32.4	29.7	31.1	27.0	24.6	25.8
24	27.8	26.0	26.6	29.5	27.5	28.5	32.2	30.0	31.2	27.3	25.2	26.3
25	27.5	26.1	26.6	30.0	27.4	28.7	31.3	30.1	30.8	26.8	25.9	26.2
26	28.8	26.9	27.7	30.6	28.4	29.5	31.0	29.1	30.1	25.9	24.5	25.0
27	29.2	27.4	28.4	29.8	28.6	29.2	30.7	28.3	29.6	25.2	23.6	24.4
28	29.3	28.3	28.7	29.7	28.1	28.8	31.1	28.4	29.8	24.8	22.6	23.8
29	28.5	27.4	27.9	30.7	28.2	29.4	30.6	29.3	29.8	24.1	22.1	23.1
30	29.0	27.3	28.1	31.2	28.3	29.7	30.3	28.4	29.3	23.5	21.5	22.5
31	---	---	---	31.6	28.8	30.2	29.4	27.4	28.4	---	---	---
Month	---	---	---	32.0	26.7	29.5	34.7	27.4	30.9	---	---	---