

Water-Data Report 2011

03353451 EAGLE CREEK BELOW RESERVOIR AT INDIANAPOLIS, IN

White River Basin

LOCATION.--Lat 39°49'19", long 86°18'14" referenced to North American Datum of 1927, in NW ¼ NW ¼ sec.22, T.16 N., R.2 E., Marion County, IN, Hydrologic Unit 05120201, in outlet structure of reservoir on Eagle Creek, 800 ft upstream from Interstate Highway 74, 0.5 mi downstream from School Branch, 1.0 mi northeast of Clermont, and 2.0 mi west of Indianapolis.

DRAINAGE AREA.--162 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1992 to current year. Published as "03353450 Eagle Creek Reservoir near Indianapolis" October 1992 to September 1994.

GAGE.--Water stage recorder located 100 ft downstream of outlet structure. Datum of gage is 741.15 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Daily mean discharges below 50 ft³/s published. Unit discharges below 50 ft³/s available in district office. For a complete record of Eagle Creek in this vicinity use records of Eagle Creek at Clermont, IN (station 03353460) about 0.7 mile downstream.

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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	11	11	15	---	---	---	18	---	---	38	12	9.5
2	13	11	15	---	12	---	19	---	40	---	12	9.4
3	13	11	15	---	12	---	21	---	---	35	13	9.6
4	9.6	12	15	---	12	---	23	---	---	36	13	11
5	9.4	11	15	---	11	---	25	---	---	36	12	11
6	7.0	12	16	16	11	---	23	---	37	36	12	10
7	6.3	13	15	17	11	---	25	---	35	36	11	9.8
8	---	13	15	18	12	---	24	---	35	35	12	10
9	---	13	15	17	12	---	23	---	---	34	13	9.7
10	---	13	14	16	e11	---	---	31	---	34	13	9.2
11	---	13	14	16	11	---	---	---	---	31	13	9.3
12	7.6	13	14	33	10	---	---	---	---	30	13	9.2
13	8.1	13	14	43	10	---	---	---	35	30	12	8.8
14	9.8	14	14	---	11	---	23	30	35	32	13	10
15	9.0	14	14	13	---	---	---	31	---	30	12	10
16	---	14	13	14	---	---	---	---	---	28	12	9.4
17	10	13	13	13	---	---	27	---	---	27	12	8.5
18	10	13	13	12	---	---	29	---	---	23	11	8.7
19	10	13	13	13	---	---	---	---	---	18	11	9.4
20	9.9	13	13	13	---	---	---	31	---	16	9.6	8.9
21	10	12	13	e15	---	---	---	---	---	15	9.2	8.7
22	10	12	13	e13	---	---	---	---	---	14	10	10
23	10	14	13	13	---	---	---	31	---	14	9.7	9.6
24	10	14	13	12	---	---	---	---	---	15	8.3	9.5
25	10	---	13	12	---	---	---	---	---	16	9.1	9.8
26	10	15	13	12	---	13	---	---	---	16	9.7	9.7
27	10	14	13	12	---	17	---	---	---	15	10	---
28	11	15	13	12	---	19	---	---	---	14	11	---
29	11	14	---	12	---	19	---	---	39	14	11	11
30	11	14	---	11	---	19	---	---	38	12	11	12
31	11	---	---	12	---	19	---	---	---	12	10	---
Total	---	---	---	---	---	---	---	---	---	---	350.6	---
Mean	---	---	---	---	---	---	---	---	---	---	11.3	---
Max	---	---	---	---	---	---	---	---	---	---	13	---
Min	---	---	---	---	---	---	---	---	---	---	8.3	---
Cfsm	---	---	---	---	---	---	---	---	---	---	0.07	---
In.	---	---	---	---	---	---	---	---	---	---	0.08	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 2011, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	10.5	9.76	10.4	10.2	9.95	9.71	10.4	11.4	13.9	17.5	9.68	10.2
Max	13.0	12.3	10.8	10.9	10.2	9.71	10.4	11.4	13.9	35.0	13.0	13.1
(WY)	(2003)	(2009)	(1999)	(2000)	(2000)	(2000)	(2000)	(2000)	(2007)	(2009)	(1999)	(2002)
Min	3.63	3.69	9.39	9.54	9.66	9.71	10.4	11.4	13.9	5.47	3.49	3.55
(WY)	(1995)	(1995)	(1998)	(1998)	(1998)	(2000)	(2000)	(2000)	(2007)	(1995)	(1994)	(1994)

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SUMMARY STATISTICS

Water Years 1992 - 2011		
Highest daily mean	44	Jul 25, 2010
Lowest daily mean	0.35	Aug 27, 2007
Annual seven-day minimum	2.3	Sep 8, 1994

