

LOW-FLOW CHARACTERISTICS OF INDIANA STREAMS

By James A. Stewart

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CONTENTS

	Page
Abstract.....	1
Introduction.....	1
Purpose and scope.....	1
Acknowledgments.....	2
Physiography and geology.....	2
Northern zone.....	2
Central zone.....	4
Southern zone.....	4
Precipitation.....	5
Low-flow-frequency analysis.....	5
Continuous-record stations.....	5
Partial-record stations.....	10
Flow-duration analysis.....	16
Summary.....	16
Selected references.....	19
List of continuous-record stations for which data are presented:	
03274650 Whitewater River near Economy.....	20
03274750 Whitewater River near Hagerstown.....	21
03274950 Little Williams Creek at Connersville.....	22
03275000 Whitewater River near Alpine.....	23
03275500 East Fork Whitewater River at Richmond.....	24
03275600 East Fork Whitewater River at Abington.....	25
03276000 East Fork Whitewater River at Brookville.....	26
03276500 Whitewater River at Brookville.....	27
03276700 South Hogan Creek near Dillsboro.....	28
03277000 Laughery Creek near Farmers Retreat.....	29
03291780 Indian-Kentuck Creek near Canaan.....	30
03294000 Silver Creek near Sellersburg.....	31
03302220 Buck Creek near New Middleton.....	32
03302300 Little Indiana Creek near Galena.....	33
03302500 Indian Creek near Corydon.....	34
03302680 West Fork Blue River at Salem.....	35
03302800 Blue River at Fredericksburg.....	36
03303000 Blue River near White Cloud.....	37
03303300 Middle Fork Anderson River at Bristow.....	38
03303400 Crooked Creek near Santa Claus.....	39
03322100 Pigeon Creek at Evansville.....	40
03322500 Wabash River near New Corydon.....	41
03322900 Wabash River at Linn Grove.....	42
03323000 Wabash River at Bluffton.....	43
03323500 Wabash River at Huntington.....	44
03324000 Little River near Huntington.....	45
03324200 Salamonie River at Portland.....	46
03324300 Salamonie River near Warren.....	47
03324500 Salamonie River at Dora.....	48
03325000 Wabash River at Wabash.....	49
03325500 Mississinewa River near Ridgeville.....	51
03326000 Mississinewa River near Eaton.....	52
03326070 Big Lick Creek near Hartford City.....	53

CONTENTS

	Page
List of continuous-record stations for which data are presented:—Continued	
03326500 Mississinewa River at Marion.....	54
03327000 Misissinewa River at Peoria.....	55
03327500 Wabash River at Peru.....	56
03327520 Pipe Creek near Bunker Hill.....	58
03328000 Eel River at North Manchester.....	59
03328430 Weesau Creek near Deedsville.....	60
03328500 Eel River near Logansport.....	61
03329000 Wabash River at Logansport.....	62
03329400 Rattlesnake Creek near Patton.....	63
03329500 Wabash River at Delphi.....	64
03329700 Deer Creek near Delphi.....	65
03330500 Tippecanoe River at Oswego.....	66
03331110 Walnut Creek near Warsaw.....	67
03331500 Tippecanoe River near Ora.....	68
03332300 Little Indian Creek near Royal Center.....	69
03332400 Big Monon Creek near Francesville.....	70
03332500 Tippecanoe River near Monticello.....	71
03333000 Tippecanoe River near Delphi.....	72
03333450 Wildcat Creek near Jerome.....	73
03333500 Wildcat Creek at Greentown.....	74
03333600 Kokomo Creek near Kokomo.....	75
03333700 Wildcat Creek at Kokomo.....	76
03334000 Wildcat Creek at Owasco.....	77
03334500 South Fork Wildcat Creek near Lafayette.....	78
03335000 Wildcat Creek near Lafayette.....	79
03335500 Wabash River at Lafayette.....	80
03335690 Mud Pine Creek near Oxford.....	81
03335700 Big Pine Creek near Williamsport.....	82
03336000 Wabash River at Covington.....	83
03339108 East Fork Coal Creek near Hillsboro.....	84
03339120 Coal Creek at Coal Creek.....	85
03339500 Sugar Creek at Crawfordsville.....	86
03340000 Sugar Creek near Byron.....	87
03340500 Wabash River at Montezuma.....	88
03340800 Big Raccoon Creek near Fincastle.....	89
03340900 Big Raccoon Creek at Ferndale.....	90
03341000 Raccoon Creek at Mansfield.....	91
03341200 Little Raccoon Creek near Catlin.....	92
03341300 Big Raccoon Creek at Coxville.....	93
03341500 Wabash River at Terre Haute.....	94
03342000 Wabash River at Riverton.....	95
03342100 Busseron Creek near Hymera.....	96
03342150 West Fork Busseron Creek near Hymera.....	97
03342250 Mud Creek near Dugger.....	98
03342300 Busseron Creek near Sullivan.....	99
03342350 Buttermilk Creek near Paxton.....	100
03342500 Busseron Creek near Carlisle.....	101
03343000 Wabash River at Vincennes.....	102

CONTENTS

	Page
List of continuous-record stations for which data are presented:--Continued	
03347000 White River at Muncie.....	103
03347500 Buck Creek near Muncie.....	104
03348000 White River at Anderson.....	105
03348020 Killbuck Creek near Gaston.....	106
03348350 Pipe Creek at Frankton.....	107
03348500 White River near Noblesville.....	108
03349000 White River at Noblesville.....	109
03349500 Cicero Creek near Arcadia.....	110
03349700 Little Cicero Creek near Arcadia.....	111
03350100 Hinkle Creek near Cicero.....	112
03350500 Cicero Creek at Noblesville.....	113
03350700 Stony Creek near Noblesville.....	114
03351000 White River near Nora.....	115
03351310 Crooked Creek at Indianapolis.....	116
03351400 Sugar Creek near Middletown.....	117
03351500 Fall Creek near Fortville.....	118
03352200 Mud Creek at Indianapolis.....	119
03352500 Fall Creek at Millersville.....	120
03353000 White River at Indianapolis.....	122
03353120 Pleasant Run at Arlington Avenue at Indianapolis.....	123
03353160 Pleasant Run at Brookville Road at Indianapolis.....	124
03353180 Bean Creek at Indianapolis.....	125
03353200 Eagle Creek at Zionsville.....	126
03353500 Eagle Creek at Indianapolis.....	127
03353600 Little Eagle Creek at Speedway.....	129
03353620 Lick Creek at Indianapolis.....	130
03353700 West Fork White Lick Creek at Danville.....	131
03353800 White Lick Creek at Mooresville.....	132
03354000 White River near Centerton.....	133
03354500 Beanblossom Creek at Beanblossom.....	134
03355000 Bear Creek near Trevlac.....	135
03356000 Beanblossom Creek at Dolan.....	136
03357000 White River at Spencer.....	137
03357350 Plum Creek near Bainbridge.....	138
03357420 Big Walnut Creek at Greencastle.....	139
03357500 Big Walnut Creek near Reelsville.....	140
03358000 Mill Creek near Cataract.....	141
03359000 Mill Creek near Manhattan.....	142
03359500 Deer Creek near Putnamville.....	144
03360000 Eel River at Bowling Green.....	145
03360500 White River at Newberry.....	147
03361000 Big Blue River at Carthage.....	148
03361500 Big Blue River at Shelbyville.....	149
03361650 Sugar Creek at New Palestine.....	150
03361850 Buck Creek at Acton.....	151
03362000 Youngs Creek near Edinburgh.....	152
03362500 Sugar Creek near Edinburgh.....	153
03363000 Driftwood River near Edinburgh.....	154

CONTENTS

	Page
List of continuous-record stations for which data are presented:--Continued	
03363500 Flatrock River at St. Paul.....	155
03363900 Flatrock River at Columbus.....	156
03364000 East Fork White River at Columbus.....	157
03364200 Haw Creek near Clifford.....	158
03364500 Clifty Creek at Hartsville.....	159
03365000 Sand Creek near Brewersville.....	160
03365500 East Fork White River at Seymour.....	161
03366000 Graham Creek near Vernon.....	162
03366200 Harberts Creek near Madison.....	163
03366500 Muscatatuck River near Deputy.....	164
03368000 Brush Creek near Nebraska.....	165
03369000 Vernon Fork near Butlerville.....	166
03369500 Vernon Fork at Vernon.....	167
03371500 East Fork White River near Bedford.....	168
03371520 Back Creek at Leesville.....	169
03371600 South Fork Salt Creek at Kurtz.....	170
03371650 North Fork Salt Creek at Nashville.....	171
03372000 North Fork Salt Creek near Belmont.....	172
03372300 Stephens Creek near Bloomington.....	173
03372500 Salt Creek near Harrodsburg.....	174
03372700 Clear Creek near Harrodsburg.....	175
0337300 Salt Creek near Peerless.....	176
03373200 Indian Creek near Springville.....	177
03373500 East Fork White River at Shoals.....	178
03373700 Lost River near West Baden Springs.....	179
03374000 White River at Petersburg.....	180
03374455 Patoka River near Hardinsburg.....	181
03374500 Patoka River near Ellsworth.....	182
03375500 Patoka River at Jasper.....	183
03375800 Hall Creek near St. Anthony.....	184
03376260 Flat Creek near Otwell.....	185
03376300 Patoka River at Winslow.....	186
03376350 South Fork Patoka River near Spurgeon.....	187
03376500 Patoka River near Princeton.....	188
03377500 Wabash River at Mount Carmel, Ill.....	189
03378550 Big Creek near Wadesville.....	190
04093000 Deep River at Lake George Outlet at Hobart.....	191
04094000 Little Calumet River at Porter.....	192
04094500 Salt Creek near McCool.....	193
04095300 Trail Creek at Michigan City.....	194
04096100 Galena River near LaPorte.....	195
04097970 Lime Lake Outlet at Panama.....	196
04099510 Pigeon Cr near Angola.....	197
04099610 Pretty Lake Inlet near Stroh.....	198
04099750 Pigeon River near near Scott.....	199
04100222 North Branch Elkhart River at Cosperville.....	200
04100252 Forker Creek near Burr Oak.....	201
04100465 Turkey Creek at Syracuse.....	202

CONTENTS

	Page
List of continuous-record stations for which data are presented:--Continued	
04100500 Elkhart River at Goshen.....	203
04101000 St. Joseph River at Elkhart.....	204
04177720 Fish Creek at Hamilton.....	205
04178000 St. Joseph River nr Newville.....	206
04179000 St. Joseph River at Cedarville.....	207
04179500 Cedar Creek at Auburn.....	208
04180000 Cedar Creek near Cedarville.....	209
04181500 St. Marys River at Decatur.....	210
04182000 St. Marys River near Ft. Wayne.....	211
04182590 Harber ditch at Ft. Wayne.....	212
04183000 Maumee River at New Haven.....	213
05515000 Kankakee River near North Liberty.....	214
05515400 Kingsbury Creek near LaPorte.....	215
05515500 Kankakee River at Davis.....	216
05516000 Yellow River near Bremen.....	217
05516500 Yellow River at Plymouth.....	218
05517000 Yellow River at Knox.....	219
05517500 Kankakee River at Dunns Bridge.....	220
05517890 Cobb ditch near Kouts.....	221
05518000 Kankakee River at Shelby.....	222
05519000 Singleton ditch at Schneider.....	223
05519500 West Creek near Schneider.....	224
05521000 Iroquois River at Rosebud.....	225
05522000 Iroquois River near North Marion.....	226
05522500 Iroquois River at Rennsselaer.....	227
05523000 Bice ditch near South Marion.....	228
05523500 Slough Creek near Collegeville.....	229
05524000 Carpenter Creek at Egypt.....	230
05524500 Iroquois River near Foresman.....	231
05536190 Hart ditch at Munster.....	232
05536195 Little Calumet River at Munster.....	233

ILLUSTRATIONS

	Page
Figures 1-3. Maps showing:	
1. Physiography of Indiana.....	3
2. Mean annual precipitation, 1941-70.....	7
3. Locations of continuous-record stations in Indiana.....	8
4. Seven-day, low-flow-frequency curve for Big Blue River at Shelbyville, Ind., 1945-79, for the 12-month period ending March 31.....	11
5. Low-flow frequency curve defined graphically.....	13
6. Locations of low-flow, partial-record stations in Indiana..	14

ILLUSTRATIONS

	Page
7. Method of estimating low-flow characteristics at partial-record stations from known characteristics at a regular gaging station.....	17
8. Flow-duration curve plotted from data on page 37.....	18

TABLE

Table		Page
1.	Low-flow characteristics for partial-record stations and miscellaneous sites.....	234

FACTORS FOR CONVERTING INCH-POUND UNITS USED IN THIS REPORT
TO INTERNATIONAL SYSTEM OF UNITS (SI)

<u>Multiply inch-pound unit</u>	<u>By</u>	<u>To obtain SI unit</u>
inch (in.)	25.40	millimeter (mm)
inch per year (in./yr)	25.40	millimeter per year (mm/yr)
mile (mi)	1.609	kilometer (km)
foot (ft)	0.3048	meter (m)
square mile (mi ²)	2.590	square kilometer (km ²)
cubic foot per second (ft ³ /s)	0.02832	cubic meter per second (m ³ /s)

DATUM

National Geodetic Vertical Datum of 1929 (NGVD) is a geodetic datum derived from a general adjustment of the first order level nets of both the United States and Canada. It was formerly called Sea Level Datum of 1929 or mean sea level. Although the datum was derived from the average sea level over a period of many years at 26 tide stations along the Atlantic, Gulf of Mexico, and Pacific Coasts, it does not necessarily represent local mean sea level at any particular place.

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ABSTRACT

Knowledge of low-flow characteristics of Indiana streams is essential to the planners and developers of water resources for municipal, industrial, and recreational uses in the State. Low-flow frequency characteristics and points on the duration curve are given for 208 continuous-record gaging stations having 10 or more years of record. In addition, a few low-flow-frequency characteristics were estimated for each of 258 partial-record stations. Methods used for estimating these characteristics are included in the report.

INTRODUCTION

Knowledge of low-flow data for Indiana streams is essential to the planners and developers of water resources for municipal, industrial, and recreational uses in the State. Low-flow characteristics are commonly used to evaluate the adequacy of streamflow for municipal and industrial supplies, supplemental irrigation, maintenance of suitable conditions for fish, and disposal of liquid wastes (Riggs, 1972, p. 1).

Previous investigations of the low-flow characteristics of Indiana streams include the report by Hoggatt (1962), containing low-flow characteristics based on records of flow through the 1959 water year, and the report by Rohne (1972), containing low-flow characteristics based on data through the 1971 water year.

Purpose and Scope

The purpose of the report is to provide needed information about the low-flow characteristics of Indiana streams. Low-flow characteristics for sites where long-term flow data have been collected and methods for estimating these characteristics at ungaged sites are presented in this report. The information includes estimates of low-flow-frequency characteristics and points on the flow-duration curve for 208 continuous-record gaging stations through at least the 1978 water year. Information for water years since 1978 is presented for a few gaging stations where the increased data tabulated to 10 years total rec-

ords. Regulated and unregulated low-flow-frequency characteristics are presented for stations at dams and reservoirs. In addition, estimates of low-flow frequency characteristics for 258 partial-record stations were included.

Acknowledgments

This report was prepared by the U.S. Geological Survey in cooperation with the Indiana State Board of Health and the Indiana Department of Natural Resources.

PHYSIOGRAPHY AND GEOLOGY

Indiana can be divided into three broad physiographic zones. For convenience, the zones are called the northern, central, and southern zones (fig. 1). The central zone, a depositional plain of low relief, is underlain by thick till that has been modified by post-glacial stream erosion. In general, the northern and the southern zones have greater differential relief than the central zone. However, they also include some areas of plains having low relief. The following discussion of the three zones is based on Schneider (1966).

Northern Zone

The northern zone, or the Northern Moraine and Lake Region, consists of the Calumet Lacustrine Plain, the Valparaiso morainal area, the Kankakee outwash and lacustrine plain, the Steuben morainal lake area, and the Maumee lacustrine plain. The Calumet lacustrine plain consists of a stair-stepping progression of ancient beaches representing successive stages of the glacial Lake Chicago. These beaches range from 590 to 640 ft in altitude (NGVD of 1929). The highest one is 60 ft above Lake Michigan. Industrialization of the area makes determination of low-flow characteristics difficult to predict. The Valparaiso morainal area, whose topography ranges from hilly to an undulating till plain, is 150 ft higher than the neighboring Calumet lacustrine plain. Ice-block and peat-filled lakes are common in the entire morainal area but are more common in the knob-and-kettle topography of the northeast-southwest-trending part of the area. Data are sparse, except in the southern part where sustained flow is high. The Kankakee outwash and lacustrine plain is a low and poorly drained area underlain mostly by sand from valley train and outwash deposits. These features give this area a high sustained flow. The Steuben morainal lake area

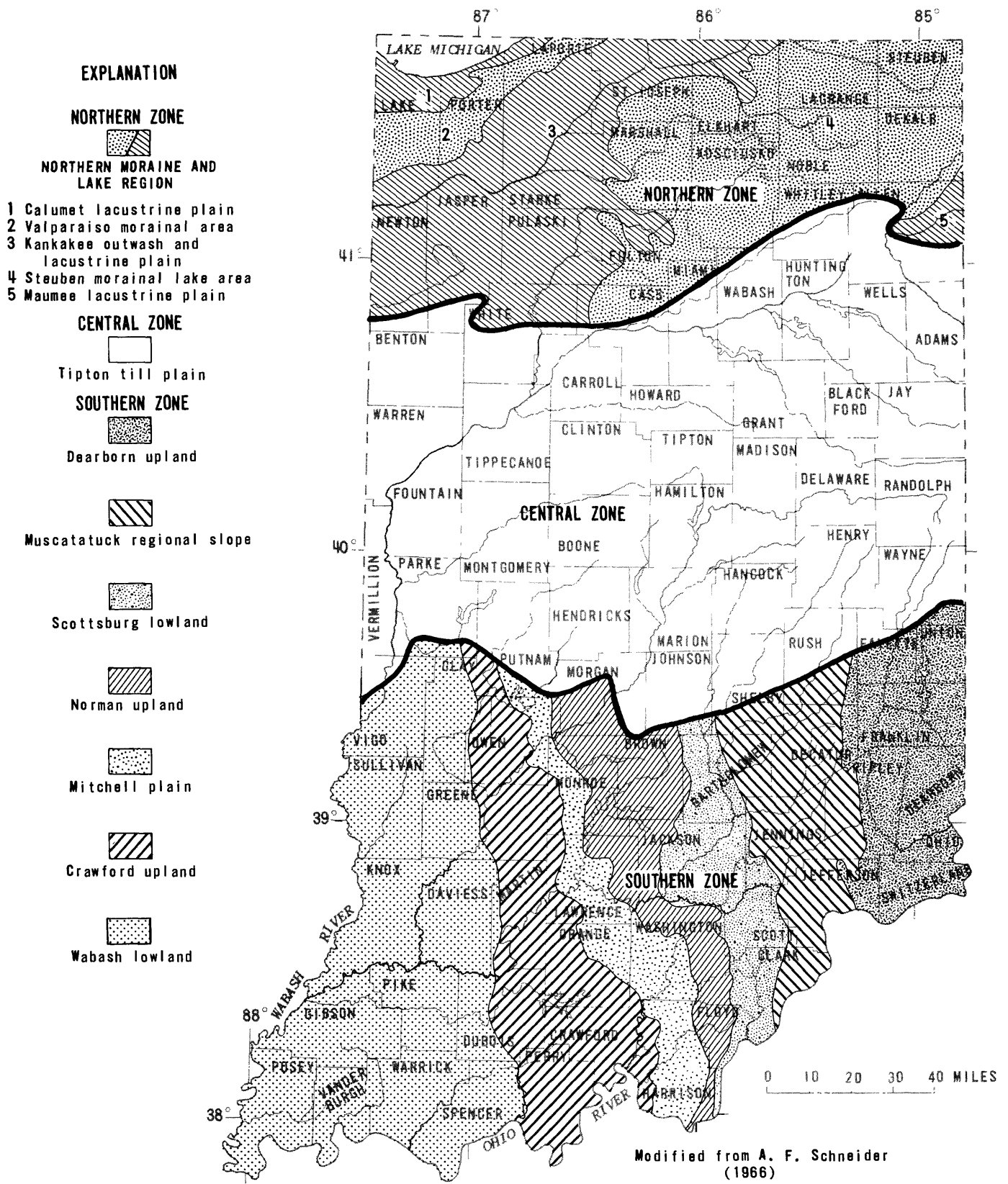


Figure 1.-- Physiography of Indiana.

has a rugged topography, owing to an abundance of glacial features such as moraines and morainal lakes, kames, eskers, melt-water channels, and ice-block lakes. The diverse valleys may contain streams, clay beds, swamps, or may have internal drainage. Although low-flow data are lacking, sustained base flow in the area is probably as diverse as the geology. Base flows in general are high in this area, but may be very low in some locations. The Maumee lacustrine plain is a nearly level plain formed by the glacial Lake Maumee. The individual low-flow characteristics of the small area are a combination of characteristics of the central zone and the Steuben morainal lake area of the northern zone.

Central Zone

The central zone consists of one major physiographic region, the nearly flat to rolling Tipton till plain. This plain is broken by only a few eskers and erosional valleys formed by melt water. The zone also contains several poorly developed end moraines of low relief. Year-round flow is sustained in moderate-sized drainage areas but not in smaller basins.

Southern Zone

Physiography of the southern zone, probably the most diverse of the three zones, consists of seven units: the Dearborn upland, the Muscatatuck regional slope, the Scottsburg lowland, the Norman upland, the Mitchell plain, the Crawford upland, and the Wabash lowland. Streams in only the large drainage areas of these units support year-round flow. However, streams in outwash aquifers, at spring sites, and Karst areas may be exceptions.

The Dearborn upland, a dissected plateau formed by flat-lying limestone of Ordovician age, is overlain by 15 ft of drift in the south to 50 ft in the north. This unit is dissected by deeply entrenched streams forming rugged V-shaped valleys. Altitude of the Muscatatuck Regional Slope ranges from 725 ft at its west edge to 1,100 ft at the northern end and from 500 to 875 ft along the southern end. Carbonate rock is overlain by drift generally ranging in thickness from 5 to 10 ft in the Pleistocene glaciated area of the south to 150 ft in the buried (Wisconsin) valleys of the north edge of the slope. The Scottsburg lowland is a valley formed by erosion of nonresistant shales along the strike of bedrock. The north part of this valley is covered with drifts as thick as 150 ft that make the unit hard to detect. The Norman upland is characterized by a strong relief consisting of steep slopes and narrow divides. However, many of the valley floors have been flattened by outwash. The area is underlain by siltstone that is generally erosion resistant and by soft interbedded shale. The strong relief provides good drainage of the area.

The Mitchell plain is characterized by karst topography, the result of solution weathering. Numerous solution features and sinkholes are evident. Runoff is rapid, but the drainage areas are difficult to determine because much of the runoff flows into sinkholes and, thus, into numerous underground passages. At times, flow may leave the channel only to return to the streambed at a downstream location. In extreme cases, flow may be diverted to completely different streambeds. East of the Mitchell Plain lies the Crawford upland, a deeply dissected area of narrow but flat river valleys, like those in the Norman Upland. The eastern part contains numerous springs and caverns in the Mississippian Limestone. In general, the area is well drained. The broad Wabash lowland, west of the Crawford upland, is the largest physiographic feature in the southern zone. Underlain by nonresistant siltstone and shale of Pennsylvanian age, it had been eroded to a lowland flat tract by the beginning of Pleistocene time. The lowland is covered by till and, in addition, is underlain by widespread lacustrine, outwash, and alluvial sediments. Drainage, which is poor in some parts of the lowland, has been largely modified by man.

PRECIPITATION

Average annual precipitation is generally greatest in the southern part of the State and lowest in the northern part. Northern LaPorte County has a high-precipitation anomaly (46 in.), but south-central Indiana has the highest average annual precipitation (44 in.). Precipitation is the limiting factor for all streamflow. (See fig. 2.)

LOW-FLOW FREQUENCY ANALYSIS

Continuous-Record Stations

Low-flow frequency characteristics for 208 continuous-record stations (stations that record and store records of daily streamflow) are presented in the unnumbered table that follows. Locations of the stations are shown in figure 3. Annual low flows of 1-, 3-, 7-, 14-, 30-, 60-, 120-, and 183-consecutive-day averages at recurrence intervals of 2, 5, 10, 20, and 50 yr are given. To avoid interrupting periods of normal low flow, the author used the climatic year (April 1 to March 31) as the base period for all computations of low-flow-frequency analysis (Riggs, 1972, p. 1).

Two methods were used to define the frequency curves at continuous-record stations having 10 or more years of record. A mathematical procedure for fitting a log-Pearson type III distribution was used for most stations (Riggs,

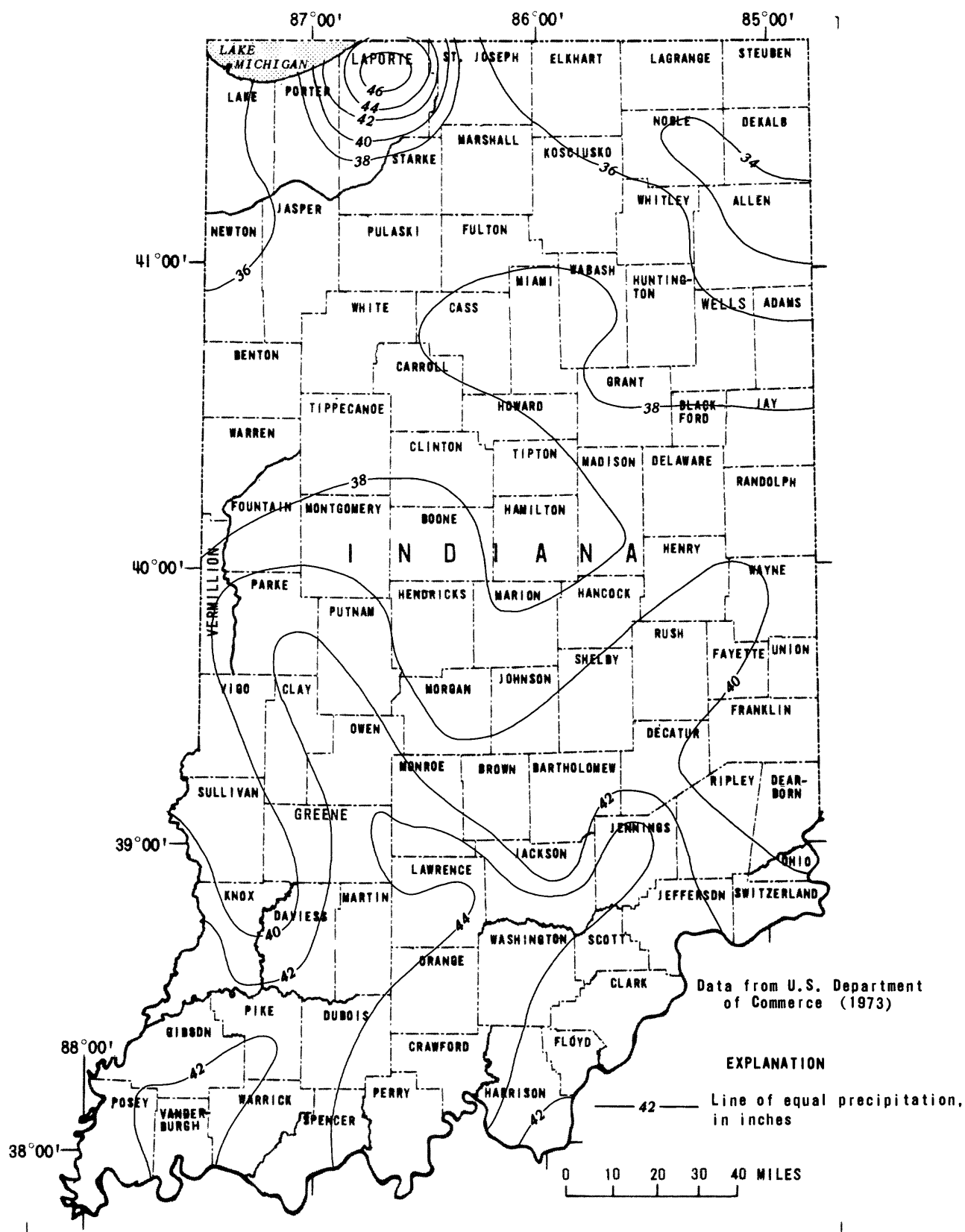


Figure 2.-- Mean annual precipitation, 1941-70.

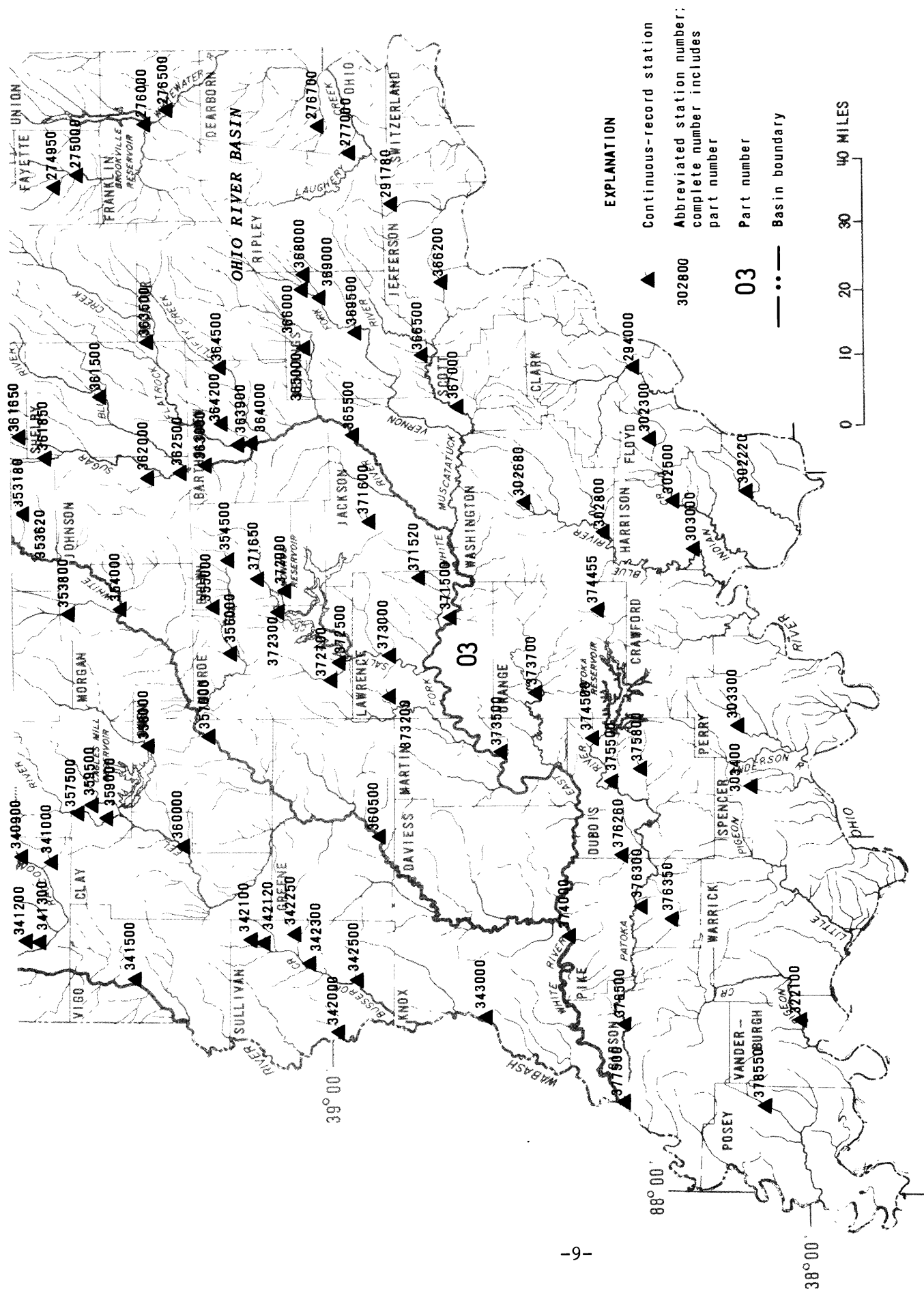


Figure 3.-- Continuous-record stations in Indiana.

1972, p. 6). A computer printout showing the result of the mathematical procedure is given in figure 4 for the annual 7-day, low flows of Big Blue River at Shelbyville. From the curve, a discharge of 60 ft³/s has a recurrence interval of 2 yr which corresponds to a probability of 50 percent. For stations whose data did not fit the log-Pearson type III distribution, owing to zero flow in the daily record, a graphical method of plotting described by Riggs (1972, p. 1) was used. This method estimates the recurrence interval (R. I.) for each of the annual low flows by the following equation:

$$R.I. = \frac{n+1}{m}$$

where

n is years of record,

and

m is the rank of discharge beginning with the lowest as number one.

The annual flows are plotted against their calculated recurrence intervals on log-probability paper, and a curve is fitted to the points. (See fig. 5.) Discharge for desired recurrence intervals can then be estimated from the curve. These two methods for estimating low-flow frequency at continuous-record stations do not give dependable results if less than 10 yr of record are available. Therefore, low-flow characteristics for stations with less than 10 yr of records were estimated by the type of analysis in the next section, "Partial-Record Stations."

Partial-Record Stations

A low-flow partial-record station is one at which measurements of base flow are made. Location of the stations are shown in figure 6. The base flows are related to the concurrent daily mean flows of a stream at which a low-flow frequency curve has been defined (fig. 7). The two streams should flow through similar terrain and be reasonably close in drainage area. Flow characteristics usually the 2-year and 10-year flows at the gaged site, are transferred through the relation to obtain estimates at the partial-record sites. Low-flow characteristics at 258 partial-record stations are limited to the 1-, 3-, and 7-day discharges at the 10-year recurrence interval and the 7-day discharge at the 2-year recurrence interval. Partial-record stations with observed zero flow were assigned a Q_{7, 10} (7-day, 10-year recurrence interval discharge) of zero, if flow at a corresponding continuous-record station was greater than or equal to Q_{7, 10}.

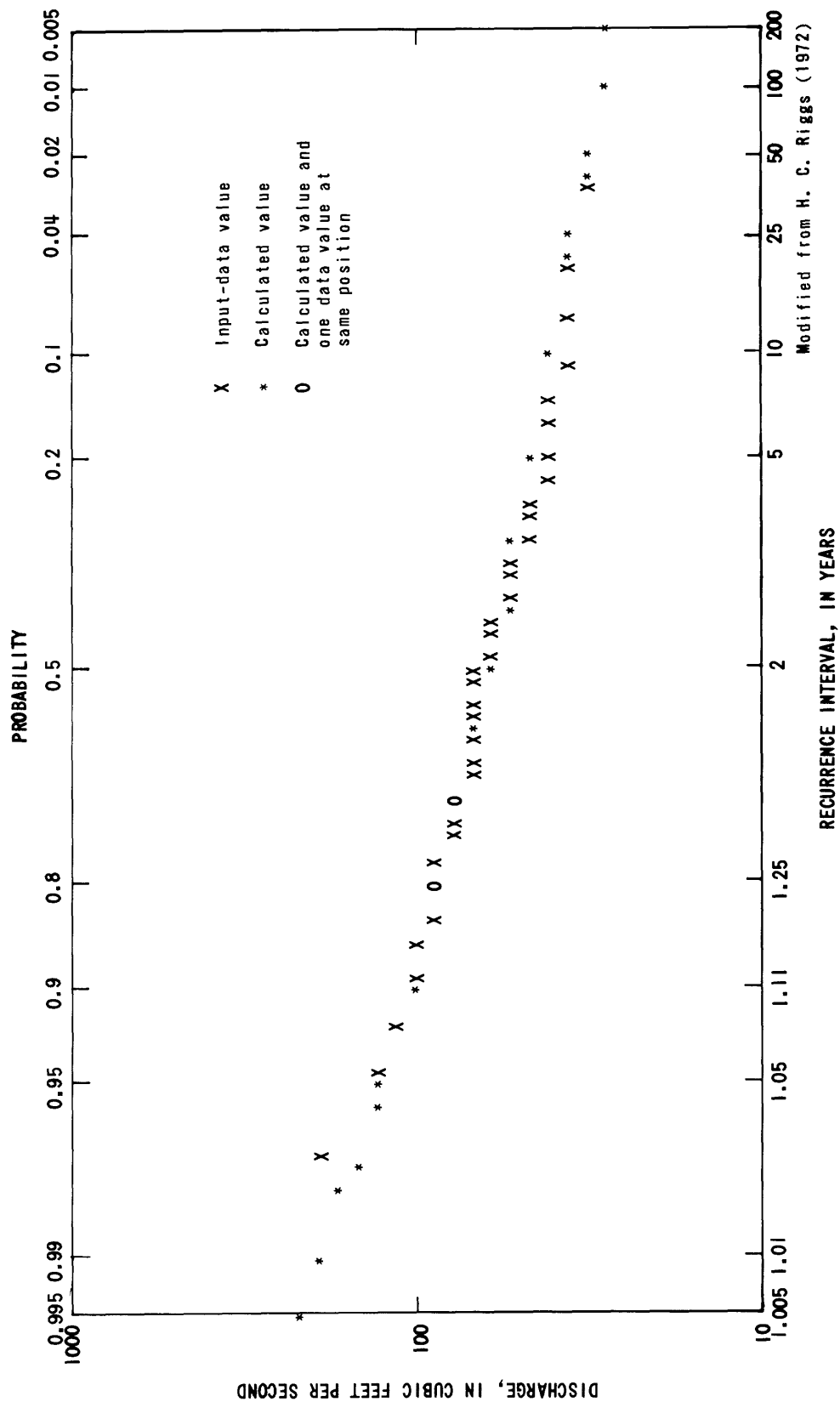


Figure 4.-- Seven-day, low-flow-frequency curve for Big Blue River at Shelbyville, Ind., 1945-79, for the 12-month period ending March 31.

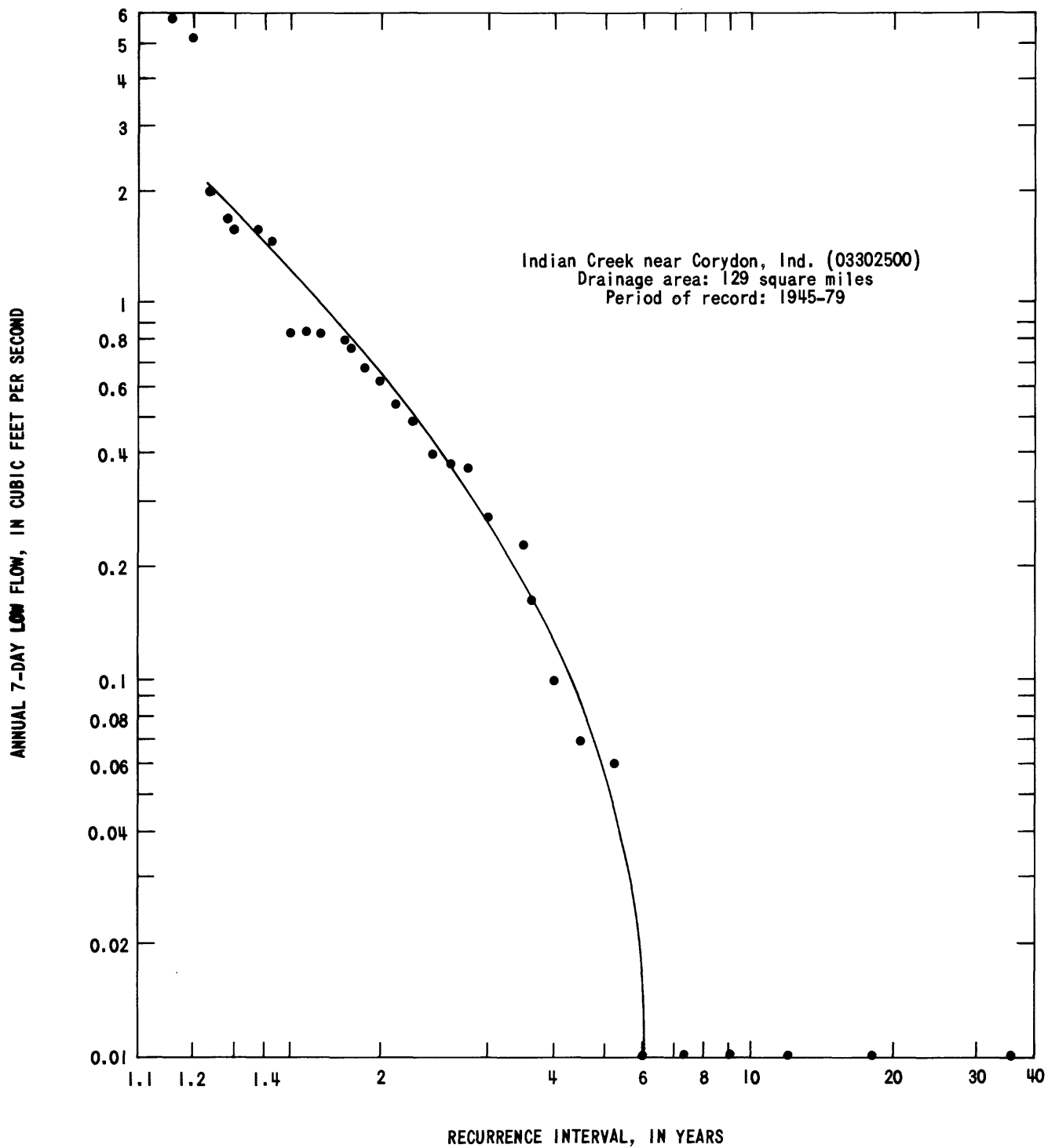


Figure 5.-- Low-flow frequency curve defined graphically.

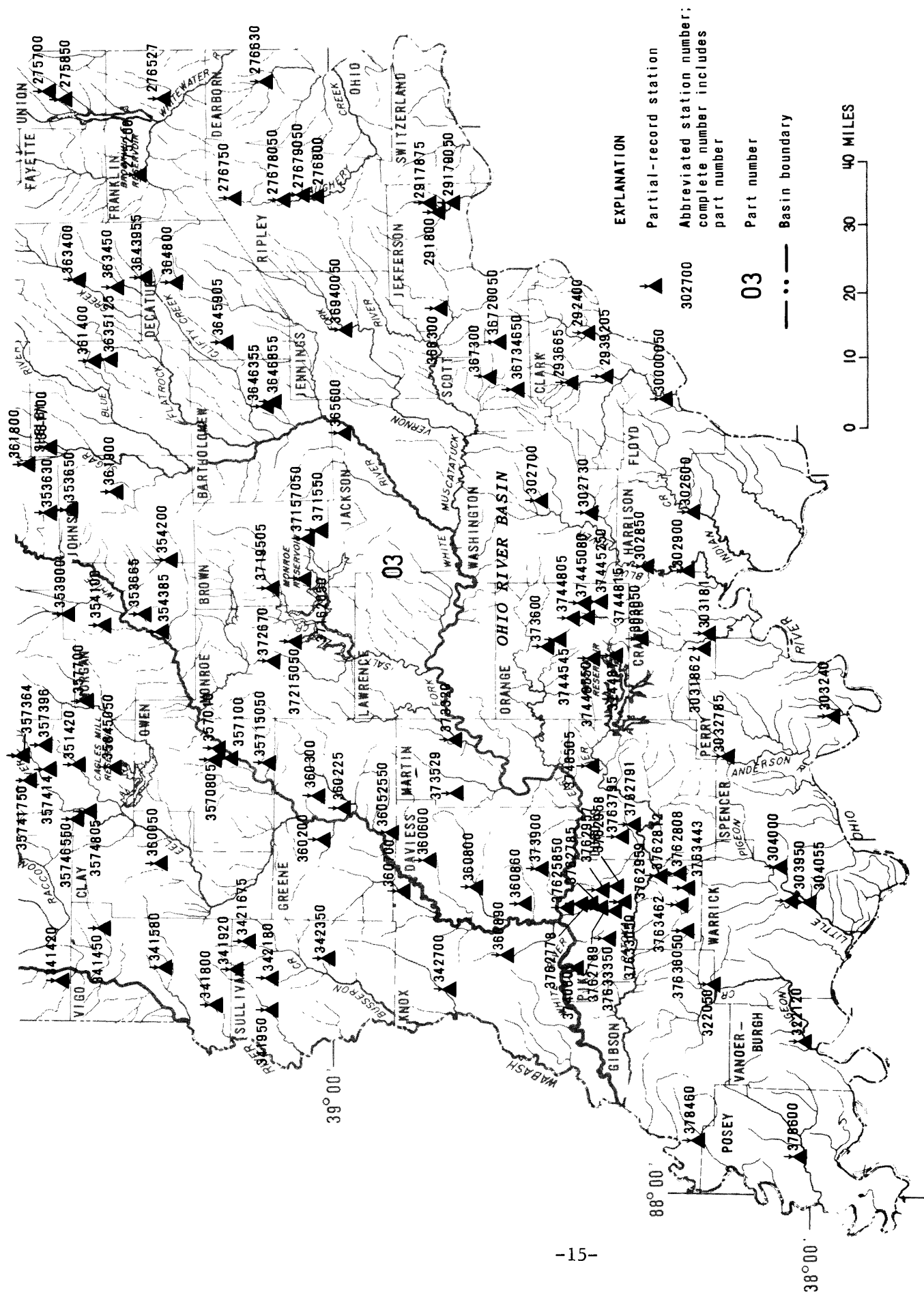


Figure 6.-- Low-flow, partial-record stations in Indiana.

FLOW-DURATION ANALYSIS

The flow-duration curve is a cumulative-frequency curve showing the percent of time that a specified discharge was equaled or exceeded in a given period of streamflow record. The curve obscures the chronological sequence of occurrence (Searcy, 1959, p. 1-2). Figure 8 is a flow-duration curve for the Blue River near White Cloud. Flow-duration curves are used in power-supply, water supply, selection of sites for industrial plants, and pollution studies. This report contains duration curves for all stations having a continuous record of 10 or more years. A computer program was used to convert stored mean daily discharges to flow duration.

The shape of a duration curve is determined by hydrologic and geologic characteristics of the drainage area. A curve having a steep slope indicates highly variable streamflow that is largely from direct runoff. In terms of low flow, this steep slope indicates that at times a stream has little or no flow. A flat slope at the lower end indicates that low flow is maintained by surface-water or ground-water storage. The flat curve also indicates sustained streamflow during dry periods. In general, curves having steep slopes are typical of streams in the hilly areas of southern Indiana, whereas curves having flat slopes are typical of the glaciated areas in northern Indiana.

SUMMARY

The low-flow-frequency characteristics for 208 continuous-record stations and 258 partial-record stations are tabulated in this report. In general, the ability of streams to sustain flow is higher in glaciated northern Indiana than in nonglaciated southern Indiana. Physiography in the Steuben morainal lake area of northeastern Indiana is variable. Low flows range from well sustained in many streams to zero in others. Streams in northwestern Indiana--Jasper, Lake, LaPorte, Newton, and Porter Counties--have high sustained flows. This area was swampland that was drained to allow habitation by man. Low-flows in the central region, or Tipton till plain, are moderately variable. The major cause of this variability is probably the inconsistency of the till covering this area. The southern, nonglaciated area of the State supports little sustained base flow because of its low permeability. The excepted areas in southern Indiana, which may produce a higher sustained flow than the remainder of the area, are gravel outwash aquifers such as those along the East Fork White and the White Rivers.

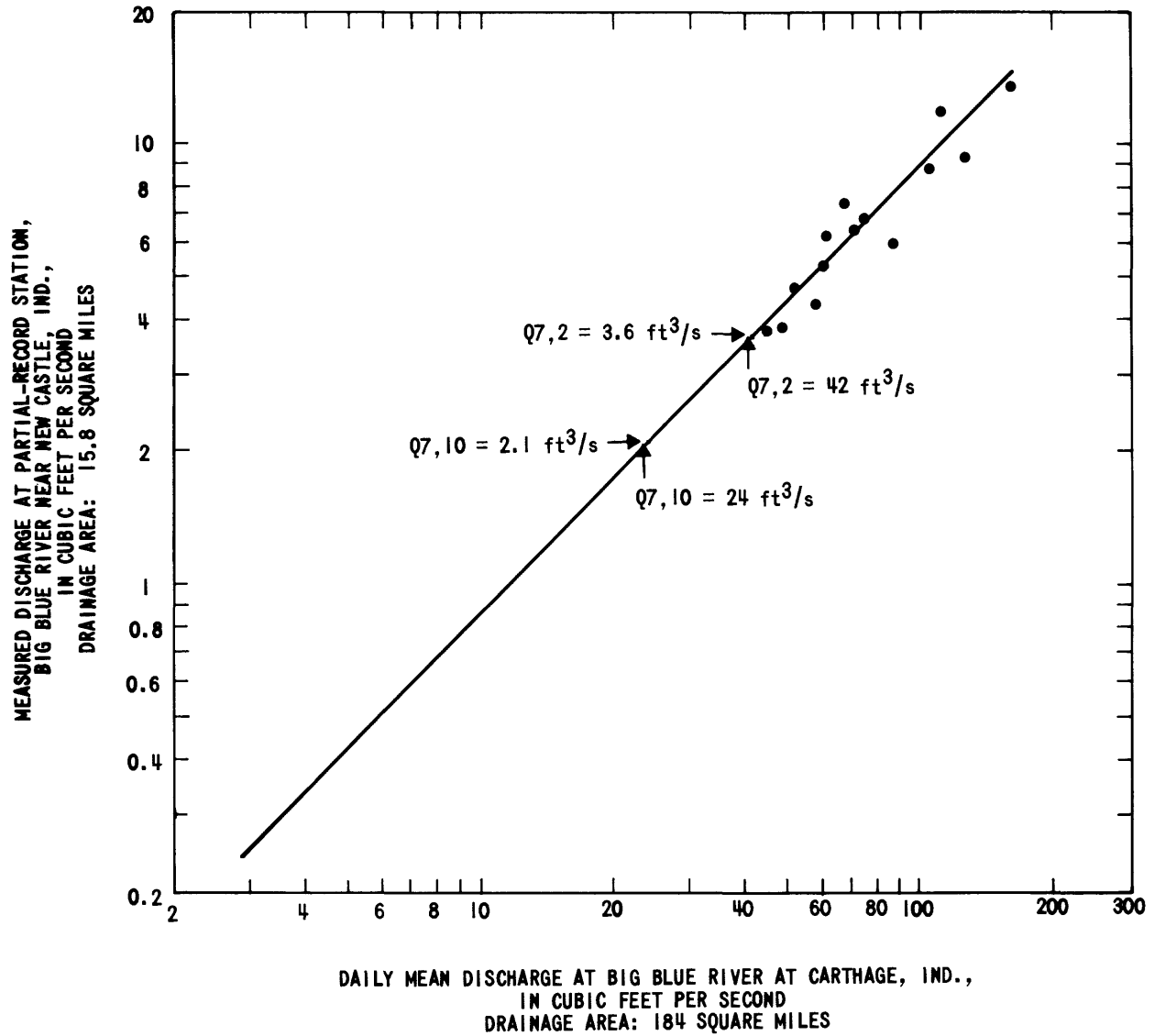


Figure 7.-- Method of estimating low-flow characteristics at a partial-record station from known characteristics at a continuous-record station.

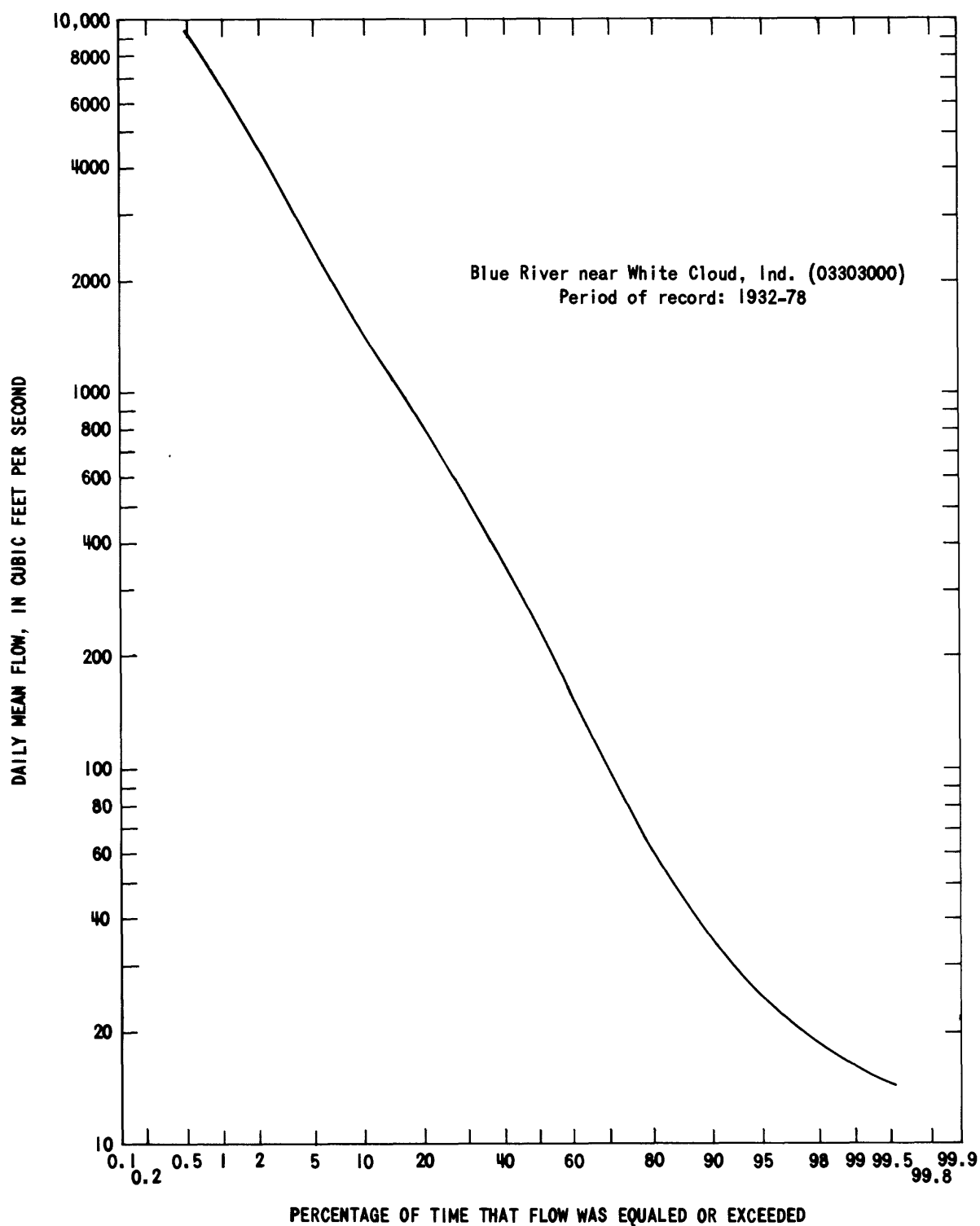


Figure 8.-- Flow-duration curve plotted from data on page 12.

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GREAT MIAMI RIVER BASINS AVAILABLE

03274650 WHITEWATER RIVER NEAR ECONOMY, IN

LOCATION.--Lat 40°00' 05", long 85°06' 56", in NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec.19, T.18 N., R.13 E., Wayne County, Hydrologic Unit 05080003, on right bank 6 ft downstream from bridge on Wayne County Line Road, 1.7 miles upstream from Little Creek, 2.4 miles northwest of Economy, and at mile 91.9.

DRAINAGE AREA.--10.4 mi².

PERIOD OF RECORD.--October 1970 to current year.

AVERAGE DISCHARGE.--8 years, 11.5 ft³/s, 15.02 in./yr.

MINIMUM DAILY DISCHARGE.--0.28 ft³/s, Jan. 17, 1977.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	---	---	0.5	---	---	---	---	---
5	---	---	---	---	---	---	---	---
10	---	---	.4	---	---	---	---	---
20	---	---	---	---	---	---	---	---
50	---	---	---	---	---	---	---	---

GREAT MIAMI RIVER BASIN

03274750 WHITEWATER RIVER NEAR HAGERSTOWN, IN

LOCATION.--Lat 39°52' 25", long 85°09' 47", in NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.3, T.16 N., R.12 E., Wayne County, Hydrologic Unit 05080003, on left bank at downstream side of bridge on Jerry Meyers Road, 1.0 mile upstream from Pronghorn Run, 1.5 miles north of Interstate 70, 2.0 miles downstream from Nettle Creek, 2.6 miles south of Hagerstown, and at mile 84.9.

DRAINAGE AREA.--58.7 mi².

PERIOD OF RECORD.--October 1970 to current year.

AVERAGE DISCHARGE.--8 years, 71.4 ft³/s, 16.52 in./yr.

MINIMUM DAILY DISCHARGE.--5.3 ft³/s, Aug. 5, 1977.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	---	---	12	---	---	---	---	---
5	---	---	---	---	---	---	---	---
10	---	---	6.2	---	---	---	---	---
20	---	---	---	---	---	---	---	---
50	---	---	---	---	---	---	---	---

GREAT MIAMI RIVER BASIN

03274950 LITTLE WILLIAMS CREEK AT CONNERSVILLE, IN

LOCATION.--Lat 39°38' 16", long 85°10' 20", in SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec.27, T.14 N., R.12 E., Fayette County, Hydrologic Unit 05080003, on downstream left bank wing-wall of bridge on State Highway 44, 1 mile west of Connerville, and 2.6 miles upstream from mouth.

DRAINAGE AREA.--9.16 mi².

PERIOD OF RECORD.--September 1968 to current year.

AVERAGE DISCHARGE.--10 years, 10.10 ft³/s, 14.97 in./yr.

MINIMUM DAILY DISCHARGE.--0.35 ft³/s, Aug. 6, 1977.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.7	0.8	0.9	1.0	1.4	1.7	2.6	4.2
5	.4	.5	.5	.6	.8	1	1.4	2.2
10	.3	.4	.4	.5	.6	.7	1.1	1.5
20	.3	.3	.3	.4	.5	.6	.9	1.1
50	.3	.3	.3	.3	.4	.4	.7	.8

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50
Ft ³ /s	150	101	95	60	32	21	13	9.3	6.9	5.2

Percent	60	70	80	90	95	98	99	99.5
Ft ³ /s	3.9	2.7	1.8	1.1	0.7	0.6	0.5	0.4

GREAT MIAMI RIVER BASIN

03275000 WHITEWATER RIVER NEAR ALPINE, IN

LOCATION.--Lat 39°34'23", long 85°09'27", in SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec.14, T.13 N., R.12 E., Fayette County, Hydrologic Unit 05080003, on right bank 500 ft downstream from highway bridge, 0.4 mile downstream from Wilson Creek, 1.6 miles north-east of Alpine, 4.6 miles upstream from Bear Creek, and at mile 54.3.

DRAINAGE AREA.--529 mi².

PERIOD OF RECORD.--October 1928 to current year.

AVERAGE DISCHARGE.--50 years, 547 ft³/s, 14.04 in./yr.

MINIMUM DAILY DISCHARGE.--6.0 ft³/s, Sept. 8, 9, 1964.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	73	77	81	84	90	103	130	174
5	51	54	57	61	67	75	87	107
10	43	46	48	53	58	65	72	84
20	37	40	42	47	52	58	62	68
50	32	34	37	42	47	52	52	54

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	7,500	5,450	5,070	3,490	1,800	1,100	655	458	334

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	248	186	139	107	80	67	56	49	45

GREAT MIAMI RIVER BASIN

03275500 EAST FORK WHITEWATER RIVER AT RICHMOND, IN

LOCATION.--Lat 39°48' 26", long 84°54' 26", in NW¼SW¼ sec.8, T.13 N., R.1 W., Wayne County, Hydrologic Unit 05080003, on left bank 50 ft downstream from highway bridge, 0.8 mile south of Richmond, 1.5 miles upstream from Short Creek, and at mile 33.4.

DRAINAGE AREA.--121 mi².

PERIOD OF RECORD.--April 1949 to September 1978 (discontinued).

REMARKS.--Some regulation at low flow by powerplant upstream from station. Natural flow also affected by diversion of municipal water supply by City of Richmond.

AVERAGE DISCHARGE.--29 years, 115 ft³/s, 12.91 in./yr.

MINIMUM DAILY DISCHARGE.--1.2 ft³/s, Aug. 1, 1954.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	8.7	9.1	10.0	11	12	15.0	20.0	29.0
5	4.4	4.9	5.6	6.8	8.1	10.0	13.0	17.0
10	2.9	3.5	4.2	5.2	6.7	8.7	11.0	13.0
20	2.0	2.6	3.2	4.1	5.7	7.7	9.6	11.0
50	1.3	1.8	2.4	3.2	4.9	6.8	8.4	9.0

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time													
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70	
Ft ³ /s	2,000	1,380	1,260	743	394	236	132	90	65	47	33	24	

Percent	80	90	95	98	99	99.5	
Ft ³ /s	18	13	9.4	7.3	5.8	4.5	

GREAT MIAMI RIVER BASIN

03275600 EAST FORK WHITEWATER RIVER AT ABINGTON, IN

LOCATION.--Lat 39°43' 57", long 84°57' 35", in NE¼SW¼ sec.2, T.12 N., R.2 W., First principal meridian, Wayne County, Hydrologic Unit 05080003, at downstream side of center pier of bridge on county road at Abington, 3 miles downstream from Elkhorn Creek, 8 miles southwest of Richmond, and at mile 26.7.

DRAINAGE AREA.--200 mi².

PERIOD OF RECORD.--October 1965 to current year.

AVERAGE DISCHARGE.--13 years, 233 ft³/s, 15.82 in./yr.

MINIMUM DAILY DISCHARGE.--16 ft³/s, July 24, 27, 28, and Aug. 4-6, 1977.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	28	29	31	34	37	42	54	79
5	21	21	23	26	29	32	39	50
10	18	19	20	23	25	28	33	39
20	16	16	17	20	22	26	30	31
50	13	14	15	17	19	23	27	25

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50
Ft ³ /s	3,260	2,380	2,220	1,320	750	462	264	187	136	100

Percent	60	70	80	90	95	98	99	99.5
Ft ³ /s	75	56	44	34	28	23	20	19

GREAT MIAMI RIVER BASIN

03276000 EAST FORK WHITEWATER RIVER AT BROOKVILLE, IN

LOCATION.--Lat 39°26'02", long 85°00'12", in NE¼NE¼ sec.20, T.9 N., R.2 W., Franklin County, Hydrologic Unit 05080003, on right bank 100 ft upstream from bridge on State Highway 101, at Brookville, 0.4 mile downstream from Brookville Lake, and 1.8 miles upstream from mouth.

DRAINAGE AREA.--380 mi².

PERIOD OF RECORD.--March 1954 1976.

REMARKS.--Flow regulated by Brookville Lake since January 1974.

AVERAGE DISCHARGE.--24 years, 384 ft³/s, 13.72 in./yr.

MINIMUM DAILY DISCHARGE.--4.7 ft³/s, Nov. 15, 1977.

Magnitude and frequency of annual low flow before regulation (1954-1974)

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	32	33	35	38	43	52	76	113
5	22	23	24	26	30	37	48	66
10	18	19	20	22	26	31	39	51
20	16	17	18	19	22	27	32	40
50	14	15	16	17	20	24	27	32

Duration of daily discharges for annual periods before regulation

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	5,700	4,120	3,880	2,370	1,270	760	446	307	220

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	163	117	84	61	45	36	29	26	23

GREAT MIAMI RIVER BASIN

03276500 WHITEWATER RIVER AT BROOKVILLE, IN

LOCATION.--Lat 39°24'24", long 85°00'46", in NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.32, T.9 N., Franklin County, Hydrologic Unit 05080003, on right bank at downstream side of highway bridge, 0.3 mile downstream from East Fork Whitewater River, 1.1 miles south of Brookville, and at mile 29.3.

DRAINAGE.--1,224 mi².

PERIOD OF RECORD.--July 1923 to current year.

REMARKS.--Flow regulated by Brookville Lake since January 1974.

AVERAGE DISCHARGE.--58 years (1915-17, 1923 to current year), 1,270 ft³/s, 14.09 in./yr.

MINIMUM DAILY DISCHARGE.--60 ft³/s, July 27, 1934.

Magnitude and frequency of annual low flow before regulation (1925-1974)

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	133	137	143	150	168	200	271	380
5	96	99	104	109	120	138	172	226
10	81	85	89	93	103	116	137	174
20	72	75	78	83	92	101	114	140
50	62	65	69	73	81	87	94	111

Duration of daily discharges for annual periods before regulation

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time								
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30
Ft ³ /s	17,800	12,600	11,900	7,870	4,290	2,660	1,560	1,070

Percent	40	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	758	550	403	290	215	149	121	102	93	85

HOGAN CREEK BASIN

03276700 SOUTH HOGAN CREEK NEAR DILLSBORO, IN
(Hydrologic bench-mark station)

LOCATION.--Lat 39°01'47", long 85°02'17", in SW¼NW¼ sec.7, T.4 N., R.2 W., Dearborn County, Hydrologic Unit 05090203, on left downstream abutment of bridge, on county road at Dillsboro Station, 1.2 miles northeast of Dillsboro, and 1.5 miles downstream from Whitaker Creek.

DRAINAGE.--38.1 mi².

PERIOD OF RECORD.--July 1961 to current year.

AVERAGE DISCHARGE.--18 years, 41.5 ft³/s, 14.79 in./yr.

MINIMUM DAILY DISCHARGE.--No flow at times most years.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.0	0.0	0.0	0.0	0.1	0.7	2.7	7.2
5	.0	.0	.0	.0	.0	.0	.3	1.7
10	.0	.0	.0	.0	.0	.0	.0	.6
20	.0	.0	.0	.0	.0	.0	.0	.2
50	.0	.0	.0	.0	.0	.0	.0	.0

Duration of daily discharges for annual periods before regulation

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	
Ft ³ /s	898	636	603	393	177	81	37	21	12	6.8	3.9	

Percent	70	80	90	95	98	99	99.5	
Ft ³ /s	1.9	.5	.0	.0	.0	.0	.0	

LAUGHERY CREEK BASIN

03277000 LAUGHERY CREEK NEAR FARMERS RETREAT, IN

LOCATION.--Lat 38°57' 08", long 85°04' 15", in NW¼SE¼ sec.2, T.4 N., R.3 W., Ohio County, on right bank 2.4 miles southeast of Farmers Retreat, and 3.8 miles downstream from Bear Creek.

DRAINAGE.--248 mi².

PERIOD OF RECORD.--October 1940 to September 1973 (discontinued).

AVERAGE DISCHARGE.--33 years, 272 ft³/s, 14.89 in./yr.

MINIMUM DAILY DISCHARGE.--No flow at times most years.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	.3	.4	.6	.6	1.3	3.0	17.4	39.4
5	.0	.0	.0	.0	.1	.4	3.4	15.6
10	.0	.0	.0	.0	.0	.1	.8	9.1
20	.0	.0	.0	.0	.0	.0	.1	5.7
50	.0	.0	.0	.0	.0	.0	.0	3.2

Duration of daily discharges for annual periods before regulation

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	
Ft ³ /s	5,440	4,120	3,940	2,680	1,230	578	272	160	89.0	

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	52.0	29.0	14.0	4.9	1.0	.2	.0	.0	.0

INDIAN-KENTUCK CREEK BASIN

03291780 INDIAN-KENTUCK CREEK NEAR CANAAN, IN

LOCATION.--Lat 38°52'41", long 85°15'26", in SW¼NW¼ sec.13, T.5 N., R.11 E., Jefferson County, Hydrologic Unit 05140101, on downstream end of left pier of bridge on State Highway 62, 1,500 ft upstream from Wilson Fork, 2.0 miles northeast of Canaan, and at mile 16.7.

DRAINAGE AREA.--27.5 mi².

PERIOD OF RECORD.--October 1969 to current year.

AVERAGE DISCHARGE.--10 years, 32.3 ft³/s, 15.95 in./yr.

MINIMUM DAILY DISCHARGE.--No flow for many days in 1970, 1972, and 1975.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.0	0.0	0.0	0.1	0.5	1.7	4.8	9.8
5	.0	.0	.0	.0	.0	.4	2.0	5.2
10	.0	.0	.0	.0	.0	.1	1.3	3.7
20	.0	.0	.0	.0	.0	.1	.9	2.7
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	555	417	396	270	139	77	39	24	16	9.1	5.1	2.7

Percent	80	90	95	98	99	99.5
Ft ³ /s	1.1	.3	.1	.0	.0	.0

SILVER CREEK BASIN

03294000 SILVER CREEK NEAR SELLERSBURG, IN

LOCATION.--Lat 38°22'15", long 85°43'35", in SW $\frac{1}{4}$ SW $\frac{1}{4}$ lot 68, Clark Military Grant, Clark County, Hydrologic Unit 05150101, on upstream side of Straws Mill bridge on Watson Road, 0.3 mile downstream from Pleasant Run, 2.4 miles southeast of Sellersburg, and 12.2 miles upstream from mouth.

DRAINAGE AREA.--189 m².

PERIOD OF RECORD.--October 1954 to current year.

AVERAGE DISCHARGE.--24 years, 224 ft³/s, 16.09 in./yr.

MINIMUM DAILY DISCHARGE.--No flow at times in most years.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.6	0.7	0.9	1.4	2.9	7.0	16	33
5	.3	.3	.3	.3	.8	2.1	6.2	16
10	.0	.0	.0	.1	.7	1.1	3.9	11
20	.0	.0	.0	.0	.2	.6	2.7	8.2
50	.0	.0	.0	.0	.1	.3	.4	6

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time											
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	
Ft ³ /s	4,200	3,240	3,090	2,010	926	469	228	134	80	46	

Percent	60	70	80	90	95	98	99	99.5
Ft ³ /s	25	14	6.6	2.7	.8	.3	.1	.1

BUCK CREEK BASIN

03302220 BUCK CREEK NEAR NEW MIDDLETOWN, IN

LOCATION.--Lat 38°07' 13", long 86°05' 16", in SE¼NE¼ sec.32, T.4 S., R.4 E., Harrison County, Hydrologic Unit 05140104, at downstream end of pier of bridge on State Highway 337, 0.6 mile downstream from South Fork Buck Creek, 3.6 miles southwest of New Middletown, and 14.4 miles upstream from mouth.

DRAINAGE AREA.--65.2 mi², of which 28.1 mi² does not contribute directly to surface runoff.

PERIOD OF RECORD.--October 1969 to current year.

AVERAGE DISCHARGE.--10 years, 87.5 ft³/s, 18.22 in./yr.

MINIMUM DAILY DISCHARGE.--0.90 ft³/s, Sept. 13, 1972.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	1.8	1.9	2.2	2.7	4.5	8.4	12.3	24
5	1.2	1.4	1.6	1.9	3.0	4.7	7.5	13
10	1.0	1.2	1.4	1.6	2.5	3.5	6.4	9.6
20	.9	1.1	1.2	1.3	2.2	2.9	5.7	7.6
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	
Ft ³ /s	1,400	1,050	971	612	312	196	111	71	50	33	22	

Percent	70	80	90	95	98	99	99.5	
Ft ³ /s	13	7.0	4.1	2.9	2.0	1.7	1.5	

INDIAN CREEK BASIN

03302300 LITTLE INDIAN CREEK NEAR GALENA, IN

LOCATION.--Lat 38°19'19", long 85°55'53", in NE¼SW¼ sec.23, T.2 S., R.5 E., Floyd County, Hydrologic Unit 05140104, on right bank at downstream side of county road bridge, 2 miles south of Galena, 3.6 miles upstream from mouth, and 7.0 miles northwest of New Albany.

DRAINAGE AREA.--16.1 mi².

PERIOD OF RECORD.--October 1968 to current year.

AVERAGE DISCHARGE.--10 years, 26.0 ft³/s, 21.93 in./yr.

MINIMUM DAILY DISCHARGE.--No flow for many days in 1969, 1975, and 1976.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.1	0.1	0.2	0.3	0.6	1.1	3.5	6.2
5	.0	.0	.0	.1	.1	.3	1.3	2.7
10	.0	.0	.0	.0	.0	.2	.8	1.7
20	.0	.0	.0	.0	.0	.1	.5	1.2
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	588	421	393	233	100	52	28	18	12	7.4	4.2	2.3

Percent	80	90	95	98	99	99.5
Ft ³ /s	1.0	0.4	0.2	0.0	0.0	0.0

INDIAN CREEK BASIN

03302500 INDIAN CREEK NEAR CORYDON, IN

LOCATION.--Lat 38°16' 35", long 86°06' 35", in SW¼SE¼ sec. 6, T.3 S., R.4 E., Harrison County, Hydrologic Unit 05140104, on upstream side of bridge on State Highway 335, 0.6 mile upstream from Raccoon Branch, 4.5 miles north of Corydon, and at mile 33.7.

DRAINAGE AREA.--129 mi², of which 10.6 mi² does not contribute directly to surface runoff.

PERIOD OF RECORD.--October 1943 to current year.

AVERAGE DISCHARGE.--36 years, 174 ft³/s, 18.32 in./yr.

MINIMUM DAILY DISCHARGE.--No flow at times 1943-44, 1951-54, 1959, 1965, 1972-73, and 1976.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.5	0.5	0.7	0.8	1.4	4.5	14	28
5	.0	.0	.0	.2	.3	1.2	4.8	14
10	.0	.0	.0	.0	.2	.6	2.6	10
20	.0	.0	.0	.0	.1	.3	1.5	7.2
50	.0	.0	.0	.0	.0	.1	.3	5.3

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	3,240	2,420	2,210	1,410	695	378	190	116	70	41	23	13

Percent	80	90	95	98	99	99.5
Ft ³ /s	5.5	1.6	0.6	0.1	0.0	0.0

BLUE RIVER BASIN

03302680 WEST FORK BLUE RIVER AT SALEM, IN

LOCATION.--Lat 38°36'19", long 86°05'40", in SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec.17, T.2 N., R.4 E., Washington County, Hydrologic Unit 05140104, on left bank at downstream side of bridge on East Market Street, 0.35 mile east of County Court House in Salem, 6.0 miles upstream from Hoggatt Branch, and 6.9 miles upstream from mouth.

DRAINAGE AREA.--19.0 mi².

PERIOD OF RECORD.--July 1970 to current year.

AVERAGE DISCHARGE.--8 years, 24.7 ft³/s, 17.65 in./yr.

MINIMUM DAILY DISCHARGE.--0.02 ft³/s, Sept. 24, 1970.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	---	---	0.2	---	---	---	---	---
5	---	---	---	---	---	---	---	---
10	---	---	.1	---	---	---	---	---
20	---	---	---	---	---	---	---	---
50	---	---	---	---	---	---	---	---

BLUE RIVER BASIN

03302800 BLUE RIVER AT FREDERICKSBURG, IN

LOCATION.--Lat 38°26'02", long 86°11'31", in NE¼NW¼ sec.16, T.1 S., R.3 E., Washington County, Hydrologic Unit 05140104, on downstream side of bridge on U.S. Highway 150 at Fredericksburg, 0.5 mile downstream from South Fork Blue River, and at mile 57.1.

DRAINAGE AREA.--283 mi², of which 76.9 mi² does not contribute directly to surface runoff.

PERIOD OF RECORD.--June 1968 to current year.

AVERAGE DISCHARGE.--10 years, 341 ft³/s, 16.36 in./yr.

MINIMUM DAILY DISCHARGE.--6.1 ft³/s, Oct. 18, 1968.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	10	11	12	15	22	40	71	92
5	7.2	7.8	8.8	10	13	19	36	49
10	6.4	7.0	7.9	8.5	9.8	13	26	36
20	5.9	6.6	7.4	7.6	8.2	9.5	20	28
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	5,090	3,890	3,710	2,470	1,250	783	428	283	192

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	130	85	54	33	17	13	9.9	8.7	8

BLUE RIVER BASIN

03303000 BLUE RIVER NEAR WHITE CLOUD, IN

LOCATION.--Lat 38°14'15", long 86°13'42", in NW¼SE¼ sec.19, T.3 S., R.3 E., Harrison County, Hydrologic Unit 05140104, on left bank 400 ft downstream from Spring Creek, 600 ft upstream from bridge on Interstate 64, 0.2 mile upstream from bridge on State Highway 62, 0.8 mile north of White Cloud, and at mile 14.7.

DRAINAGE AREA.--476 mi², of which 192 mi² does not contribute directly to surface runoff. Also, part of flow from Indian Creek, downstream from Corydon, enters Blue River via solution channel in Karst area through Harrison Spring.

PERIOD OF RECORD.--October 1930 to current year. Monthly figures only for some periods, published in WSP 1305.

AVERAGE DISCHARGE.--48 years, 630 ft³/s, 17.97 in./yr.

MINIMUM DAILY DISCHARGE.--9.6 ft³/s, Oct. 17, 1964.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	23	24	26	28	36	52	93	147
5	15	16	17	18	22	29	49	81
10	12	13	14	15	18	23	34	58
20	10	11	12	13	15	19	26	44
50	9	10	11	11	13	15	18	32

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	9,190	7,080	6,720	4,530	2,390	1,420	800	521	349

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	237	151	97	60	34	25	19	16	14

ANDERSON RIVER BASIN

03303300 MIDDLE FORK ANDERSON RIVER AT BRISTOW, IN

LOCATION.--Lat 38°08'19", long 86°43'16", in SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec.27, T.4 S., R.3 W., Perry County, Hydrologic Unit 05140201, on left bank at downstream side of bridge on State Highway 145 at Bristow, 2.0 miles downstream from Coon Branch, 5.8 miles upstream from Sulphur Fork Creek, and at mile 14.1.

DRAINAGE AREA.--39.8 mi².

PERIOD OF RECORD.--1961 to current year.

REMARKS.--Flow regulated by Forest Service and Soil Conservation Service control structures beginning June 1967.

AVERAGE DISCHARGE.--18 years, 58.5 ft³/s, 19.96 in./yr.

MINIMUM DAILY DISCHARGE.--No flow at times most years.

Magnitude and frequency of annual low flow
after regulation (1969-1979)

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	.0	.0	.0	0.2	0.4	1.4	6.4	13
5	.0	.0	.0	.0	.1	.5	2.4	7.8
10	.0	.0	.0	.0	.1	.3	1.4	6.1
20	.0	.0	.0	.0	.1	.2	.9	5
50	--	--	--	--	--	--	--	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time													
Period	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70	
Ft ³ /s	675	598	578	464	336	178	85	55	37	25	15	8	

Period	80	90	95	98	99	99.5
Ft ³ /s	3.0	.7	.3	0	0	0

CROOKED CREEK BASIN

03303400 CROOKED CREEK NEAR SANTA CLAUS, IN

LOCATION.--Lat 38°07'05", long 86°53'24", in SW¼SE¼ sec.31, T.4 S., R.4 W., Spencer County, Hydrologic Unit 05140201, on right bank at upstream side of bridge on county road, 1.3 miles east of Santa Claus Post Office, and 1.8 miles upstream from unnamed right-bank tributary.

DRAINAGE AREA.--7.86 mi².

PERIOD OF RECORD.--October 1969 to current year.

AVERAGE DISCHARGE.--10 years, 12.2 ft³/s, 21.08 in./yr.

MINIMUM DAILY DISCHARGE.--No flow many days each year.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.0	0.0	0.0	0.0	0.0	0.2	1.0	1.8
5	.0	.0	.0	.0	.0	.1	.4	.8
10	.0	.0	.0	.0	.0	.0	.2	.5
20	.0	.0	.0	.0	.0	.0	.2	.3
50	--	--	--	--	--	--	--	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Period	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	240	182	170	118	53	25	12	6.0	3.5	2.1	.9	.3

Percent	80	90	95	98	99	99.5
Ft ³ /s	.1	.0	.0	.0	.0	.0

WABASH RIVER BASIN

03322100 PIGEON CREEK AT EVANSVILLE, IN

LOCATION.--Lat 38°00'14", long 87°32'19", in SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.16, T.6 N.,R.10 W., Vanderburgh County, Hydrologic Unit 05140202, on left bank in the median strip of Old U.S. 41, between two steel truss bridges at Evansville, and at mile 6.0.

DRAINAGE AREA.--323 mi².

PERIOD OF RECORD.--October 1960 to current year.

REMARKS.--Backwater from the Ohio River affects this station.

AVERAGE DISCHARGE.--18 years, 351 ft³/s, 14.76 in./yr.

MINIMUM DAILY DISCHARGE.--Zero or reverse flow occurs at times due to extreme stages on the Ohio River.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	3.1	4.8	6.5	7.7	12	20	54	82
5	.0	1.7	2.3	3.9	5.8	8.2	20	35
10	.0	.0	.0	2.6	3.7	5	11	21
20	.0	.0	.0	1.9	2.4	3.3	6.3	13
50	.0	.0	.0	1.2	1.5	2	3.1	7

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Period	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	4,820	3,550	3,440	2,580	1,560	988	408	207	116

Period	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	69	40	24	14	7.3	4.1	2.2	1.9	1.1

WABASH RIVER BASIN

03322500 WABASH RIVER NEAR NEW CORYDON, IN

LOCATION.--Lat 40°33' 50", long 84°48' 10", in NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.3, T.24 N., R.15 E., Jay County, Hydrologic Unit 05120101, on left bank, 10 ft downstream from county bridge on Indiana-Ohio State line road, 2 miles east of New Corydon, 2.8 miles downstream from Beaver Creek, and at mile 466.0.

DRAINAGE AREA.--262 mi².

PERIOD OF RECORD.--April 1951 to current year.

REMARKS.--Occasional regulation by Grand Lake, diversion from or into St. Marys River basin, and into Miami and Erie Canal.

AVERAGE DISCHARGE.--27 years, 194 ft³/s, 10.06 in./yr.

MINIMUM DAILY DISCHARGE.--0.8 ft³/s, Dec. 22, 23, 1963.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	4.4	4.9	5.5	5.9	7	9.8	16	27
5	2.4	2.7	3	3.6	4.6	5.7	8.0	12
10	1.5	1.9	2.1	2.7	3.8	4.6	5.8	8.5
20	1	1.1	1.2	1.8	3.3	4	4.6	6.4
50	.6	.6	.6	1.1	2.8	3.6	3.6	4.7

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Period	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	3,170	2,580	2,440	1,750	881	463	247	134	69	38	22	15

Period	80	90	95	98	99	99.5
Ft ³ /s	9.6	6.8	5.3	4	3.4	2.6

WABASH RIVER BASIN

03322900 WABASH RIVER AT LINN GROVE, IN

LOCATION.--Lat 40°39'22", long 85°01'58", in SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.34, T.26 N., R.13 E., Adams County, Hydrologic Unit 05120101, on right bank 10 ft downstream from bridge on State Highway 218, 800 ft downstream from Shoemaker ditch, 0.8 mile north of Linn Grove, and 2.2 miles upstream from Rice ditch.

DRAINAGE AREA.--453 mi².

PERIOD OF RECORD.--September 1964 to current year.

REMARKS.--Records good except those of winter periods, which are poor. Occasional regulation of Grand Lake, diversion from or into St. Marys River basin, and into Miami and Erie Canal.

AVERAGE DISCHARGE.--14 years, 365 ft³/s, 10.94 in./yr.

MINIMUM DAILY DISCHARGE.--5.1 ft³/s, Oct. 8, 1964.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	8.5	8.8	9.4	9.8	12	17	36	62
5	6.2	6.4	6.7	7.1	8	9.5	16	21
10	5.4	5.6	5.8	6.2	6.7	7.4	10	12
20	4.9	5	5.2	5.6	5.9	6.1	7.4	9.6
50	4.5	4.5	4.6	5	5.1	5.1	5.1	4.5

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Period	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	4,760	3,960	3,800	2,770	1,830	1,090	463	255	152

Period	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	84	45	26	16	10	8.3	6.7	6	5.5

WABASH RIVER BASIN

03323000 WABASH RIVER AT BLUFFTON, IN

LOCATION.--Lat 40°44' 30", long 85°10' 19", in NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec.4, T.26 N., R.12 E., Wells County, on downstream side of left abutment of Main Street Bridge in Bluffton, 2 miles downstream from Sixmile Creek, and at mile 434.5.

DRAINAGE AREA.--532 mi².

PERIOD OF RECORD.--October 1930 to September 1971 (discontinued).

AVERAGE DISCHARGE.--41 years, 387 ft³/s, 10.06 in./yr.

MINIMUM DAILY DISCHARGE.--4.0 ft³/s, July 18, 1936.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	8.2	8.5	9.1	10	12	18	33	56
5	5.6	5.8	6.2	6.7	7.8	10	16	26
10	4.6	4.8	5.1	5.6	6.5	7.9	11	17
20	4.0	4.1	4.4	4.9	5.8	6.6	8.1	13
50	3.4	3.5	3.8	4.2	5.1	5.5	5.9	9.1

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Period	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	5,060	4,270	4,080	3,230	2,090	1,180	432	233	129

Period	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	77	47	28	18	11	8.8	7.0	6.3	5.5

WABASH RIVER BASIN

03323500 WABASH RIVER AT HUNTINGTON, IN

LOCATION.--Lat 40°51'20", long 85°29'53", in SW¼NE¼ sec.27, T.28 N., R.9 E., Huntington County, Hydrologic Unit 0512101, on right bank at the Huntington Water and Light Plant, 2 miles south of Huntington, 2.4 miles downstream from Huntington Lake, 3.2 miles upstream from Little River, and at mile 409.0.

DRAINAGE AREA.--721 mi².

PERIOD OF RECORD.--January 1951 to current year.

AVERAGE DISCHARGE.--27 years, 607 ft³/s 11.43 in/yr.

MINIMUM DAILY DISCHARGE.--2.4 ft³/s Oct. 28, 29, 1964.

Magnitude and frequency of annual low flow before regulation (1952-1969)

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	11	12	13	15	20	29	49	80
5	5.8	6.7	7.4	8.4	11	15	21	33
10	4.2	4.8	5.4	6	8.2	11	14	21
20	3.2	3.7	4.1	4.5	6.4	9.1	10	15
50	2.4	2.7	3	3.2	4.9	7.2	7.1	10

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Period	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	7,830	6,540	6,290	4,540	2,740	1,650	640	364	199

Period	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	122	75	46	28	18	14	10	7.5	5.4

WABASH RIVER BASIN

03324000 LITTLE RIVER NEAR HUNTINGTON, IN

LOCATION.--Lat 40°54'14", long 85°24'22", in NE¼NW¼ sec.9, T.28 N., R.10 E., Huntington County, Hydrologic Unit 05120101, on right bank on upstream side of highway bridge, 5 miles east of Huntington, and at mile 7.5.

DRAINAGE AREA.--263 mi².

PERIOD OF RECORD.--October 1943 to current year. Prior to January 1944 monthly discharge only, published in WSP 1305.

AVERAGE DISCHARGE.--35 years, 222 ft³/s, 11.46 in./yr.

MINIMUM DAILY DISCHARGE.--1.1 ft³/s, Oct. 8, 1946.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	8.2	8.7	9.3	10	12	16	30	48
5	4.3	4.7	5.2	5.9	7.2	9.1	15	21
10	2.9	3.2	3.7	4.3	5.4	6.9	9.7	14
20	2.0	2.2	2.7	3.3	4.3	5.5	7	9
50	1.3	1.5	1.8	2.4	3.2	4.3	4.8	5.6

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	
Ft ³ /s	3,090	2,620	2,560	2,020	1,160	583	240	133	85	
Percent	50	60	70	80	90	95	98	99	99.5	
Ft ³ /s	58	39	26	17	11	8.2	6.4	5.2	4.1	

WABASH RIVER BASIN

03324200 SALAMONIE RIVER AT PORTLAND, IN

LOCATION.--Lat 40°25'40", long 85°02'20", in NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.23, T.23 N., R.13 E., Jay County, Hydrologic Unit 05120102, on right bank at downstream side of county road bridge, 2.3 miles downstream from Butternut Creek, 3.2 miles west of Portland, 3.7 miles downstream from Little Salamonie River, and at mile 70.5.

DRAINAGE AREA.--85.6 mi².

PERIOD OF RECORD.--September 1959 to current year.

REMARKS.--Natural flow partially affected by sewage effluent.

AVERAGE DISCHARGE.--19 years, 72.0 ft³/s, 11.42 in./yr.

MINIMUM DAILY DISCHARGE.--0.4 ft³/s, Sept. 27, 1965.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	1.0	1.3	1.6	2.0	2.2	3.2	5.8	10
5	.7	.9	1.2	1.5	1.7	2.0	2.9	4.4
10	.6	.7	1.0	1.3	1.5	1.7	2.0	2.9
20	.5	.6	.9	1.2	1.4	1.5	1.5	2.0
50	.4	.4	.7	1.0	1.3	1.3	1.1	1.4

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time											
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	
Ft ³ /s	1,650	1,320	1,250	840	345	138	54	27	16	9.3	

Percent	60	70	80	90	95	98	99	99.5	
Ft ³ /s	6.2	4.1	2.9	2.1	1.7	1.3	1.2	.9	

WABASH RIVER BASIN

03324300 SALAMONIE RIVER NEAR WARREN, IN

LOCATION.--Lat 40°42'45", long 85°27'13", in SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.12, T.26 N., R.9 E., Huntington County, Hydrologic Unit 05120102, on right bank at downstream side of bridge on County Road 800 South, 0.4 mile downstream from Detamore ditch, 0.4 mile downstream from Interstate 69, 0.8 mile upstream from concrete and stone dam, 2.4 miles northwest of Warren, and at mile 30.0.

DRAINAGE AREA.--425 mi².

PERIOD OF RECORD.--March 1957 to current year.

AVERAGE DISCHARGE.--21 years, 383 ft³/s, 12.24 in./yr.

MINIMUM DAILY DISCHARGE.--5.1 ft³/s, Jan. 2, 1977.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	11	12	13.4	15	19	26	48	73
5	7.3	7.8	8.7	9.8	12	14	22	30
10	5.9	6.4	7.0	7.9	8.9	10	14	19
20	5.0	5.4	5.9	6.6	7.1	8.4	10	12
50	4.2	4.5	4.9	5.4	5.5	6.4	6.5	7.7

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	6,050	5,180	4,960	3,640	2,130	948	348	187	117

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	79	57	39	25	15	12	9.3	7.5	6.6

WABASH RIVER BASIN

03324500 SALAMONIE RIVER AT DORA, IN

LOCATION.--Lat 40°48' 42", long 85°41' 02", in NE¼NE¼ sec.12, T.27 N., R.7 E., Wabash County, Hydrologic Unit 05120102, on right bank, 0.4 mile downstream from Salamonie Lake, 1.5 miles northwest of Dora, and 3.0 miles upstream from mouth.

DRAINAGE AREA.--557 mi².

PERIOD OF RECORD.--November 1923 to current year.

REMARKS.--Flow regulated by Salamonie Lake.

AVERAGE DISCHARGE.--54 years (1924 to current year), 508 ft³/s, 12.39 in/yr.

MINIMUM DAILY DISCHARGE.--0.70 ft³/s Oct. 30, 1968, result of abnormal regulation.

Magnitude and frequency of annual low flow before regulation (1923-1965)

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	18	19	20	22	26	40	68	103
5	13	14	14	15	18	24	35	52
10	10	11	12	13	16	19	25	38
20	9.5	10	11	12	14	16	19	29
50	8	8.3	9	10	13	13	14	22

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	7,100	5,990	5,770	4,350	2,620	1,350	532	280	175

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	118	80	54	37	26	21	17	15	13

WABASH RIVER BASIN

03325000 WABASH RIVER AT WABASH, IN

LOCATION.--Lat 40°47'25", long 85°49'13", in SE¼NW¼ sec.14, T.27 N., R.6 E., Wabash County, Hydrologic Unit 05120101, on right bank on upstream side of Wabash Street bridge in Wabash, 7.1 miles downstream from Salamonie River, and at mile 387.2.

DRAINAGE AREA.--1,768 mi².

PERIOD OF RECORD.--August 1923 to current year. Monthly discharge only for some periods, published in WSP 1305.

REMARKS.--Flow regulated by Huntington Lake and Salamonie Lake.

AVERAGE DISCHARGE.--55 years, 1,482 ft³/s, 11.38 in./yr.

MINIMUM DAILY DISCHARGE.--19 ft³/s, July 21, 1936.

Magnitude and frequency of annual low flow before regulation (1926-1967)

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	47	49	53	57	68	102	174	283
5	32	33	35	38	45	59	92	144
10	26	27	29	31	38	45	67	102
20	22	23	24	27	33	37	53	78
50	18	19	20	23	29	29	40	57

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time								
Percent	0.5	0.9	1.0	2.0	5.0	10.0	20	30
Ft ³ /s	19,000	15,800	15,000	11,700	7,050	4,060	1,700	944

Percent	40	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	597	376	243	160	105	71	55	40	34	29

WABASH RIVER BASIN

03325000 WABASH RIVER AT WABASH, IN--Continued

Magnitude and frequency of annual low flow
after regulation (1970-1979)

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	78	86	91	99	121	250	499	671
5	65	69	73	74	88	154	307	408
10	60	63	65	66	76	116	221	307
20	57	58	60	61	69	89	163	240
50	54	53	55	56	62	65	110	180

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time								
Percent	0.5	0.9	1.0	2.0	5.0	10.0	20	30
Ft ³ /s	8,980	8,460	8,320	7,530	6,230	5,210	3,610	1,700

Percent	40	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	961	688	526	362	227	140	99	78	72	68

WABASH RIVER BASIN

03325500 MISSISSINewa RIVER NEAR RIDGEVILLE, IN

LOCATION.--Lat 40°16'49", long 84°59'44", in SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.7, T.21 N., R.14 E., Randolph County, Hydrologic Unit 05120103, on right bank 10 ft downstream from highway bridge, 0.8 mile downstream from Mud Creek, 2 miles east of Ridgeville, and at mile 99.5.

DRAINAGE AREA.--133 mi².

PERIOD OF RECORD.--August 1946 to current year.

AVERAGE DISCHARGE.--32 years, 125 ft³/s, 12.76 in/yr.

MINIMUM DAILY DISCHARGE.--0.1 ft³/s, Oct. 24, 1946.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	2.5	2.8	3.1	3.4	3.9	5.4	10	20
5	1.2	1.4	1.6	1.8	2.3	3.0	5.0	8.6
10	.8	.9	1.1	1.3	1.7	2.4	3.5	5.5
20	.6	.7	.8	.9	1.3	2.0	2.6	3.9
50	.1	.1	.3	.4	.6	1.7	1.9	2.6

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time													
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70	
Ft ³ /s	2,300	1,840	1,740	1,210	560	265	115	64	39	25	16	9.7	

Percent	80	90	95	98	99	99.5
Ft ³ /s	6.0	3.6	2.5	1.7	1.3	1.0

WABASH RIVER BASIN

03326000 MISSISSINEWA RIVER NEAR EATON, IN

LOCATION.--Lat 40°19'08", long 85°19'10", in NW¼NE¼ sec.31, T.22 N., R.11 E., Delaware County, Hydrologic Unit 05120103, on right bank at downstream side of bridge, 1.5 miles upstream from Estey Creek, and 2.5 miles southeast of Eaton.

DRAINAGE AREA.--310 mi².

PERIOD OF RECORD.--March 1952 to Septmeber 1971 (discontinued).

AVERAGE DISCHARGE.--19 years, 266 ft³/s, 11.65 in/yr.

MINIMUM DAILY DISCHARGE.--2.0 ft³/s, Sept. 23, 27, 1954.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	5.6	5.9	6.6	7.3	8.9	12	23	44
5	3.2	3.3	3.8	4.3	5.0	6.4	10	20
10	2.4	2.6	2.9	3.3	3.7	4.9	7.1	13
20	2.0	2.1	2.3	2.7	3.0	4.1	5.3	9.1
50	1.6	1.7	1.9	2.1	2.3	3.4	3.9	6.2

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50
Ft ³ /s	4,710	3,770	3,590	2,470	1,330	590	254	134	86	59

Percent	60	70	80	90	95	98	99	99.5
Ft ³ /s	39	25	15	9.1	6.5	4.8	3.6	2.9

WABASH RIVER BASIN

03326070 BIG LICK CREEK NEAR HARTFORD CITY, IN

LOCATION.--Lat 40°25'20", long 85°21'04", in SE¼SE¼ sec.23, T.23 N., R.10 E., Blackford County, Hydrologic Unit 05120103, on right bank, 6 ft downstream from bridge on County Road 100 East and 2.0 miles southeast of Hartford city.

DRAINAGE AREA.--29.2 mi².

PERIOD OF RECORD.--July 1971 to current year.

AVERAGE DISCHARGE.--7 years, 26.5 ft³/s, 12.32 in/yr.

MINIMUM DAILY DISCHARGE.--0.38 ft³/s, Sept. 25, 1971.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	---	---	1.1	---	---	---	---	---
5	---	---	---	---	---	---	---	---
10	---	---	.6	---	---	---	---	---
20	---	---	---	---	---	---	---	---
50	---	---	---	---	---	---	---	---

WABASH RIVER BASIN

03326500 MISSISSINEWA RIVER AT MARION, IN

LOCATION.--Lat 40°34'34", long 85°39'34", in SE¼NE¼ sec.31, T.25 N., R.8 E., Grant County, Hydrologic Unit 05120103, on left bank 12 ft downstream from Highland Avenue bridge in Marion, 0.1 mile downstream from old mill dam, 1.0 mile upstream from Hummel Creek, 4.6 miles downstream from Lugar Creek, and at mile 35.8.

DRAINAGE AREA.--682 mi².

PERIOD OF RECORD.--September 1923 to current year. Monthly discharge only for some periods, published in WSP 1305.

REMARKS.--Flow periodically regulated by dam above station.

AVERAGE DISCHARGE.--55 years, 627 ft³/s, 12.48 in/yr.

MINIMUM DAILY DISCHARGE.--3.4 ft³/s, Oct. 25, 1968.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	16	27	35	41	48	62	96	137
5	7.9	14	23	29	34	40	54	74
10	5.5	9.9	18	24	28	32	41	55
20	4.1	7.0	14	20	24	27	32	43
50	2.9	4.6	11	16	20	22	25	33

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	
Ft ³ /s	9,460	7,490	7,200	5,040	2,830	1,480	668	397	265	

Percent	50	60	70	80	90	95	98	99	99.5	
Ft ³ /s	179	124	87	62	45	37	28	23	17	

WABASH RIVER BASIN

03327000 MISSISSINEWA RIVER AT PEORIA, IN

LOCATON.--Lat 40°43'24", long 85°57'27", in SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.3, T.26 N., R.5 E., Miami County, Hydrologic Unit 05120103, on right bank at Peoria, 0.6 mile downstream from Mississinewa Lake, 6.5 miles southeast of Peru, and 6.7 miles upstream from mouth.

DRAINAGE AREA.--808 mi².

PERIOD OF RECORD.--October 1952 to current year.

REMARKS.--Flow regulated by Mississinewa Lake.

AVERAGE DISCHARGE.--26 years, 697 ft³/s, 11.72 in/yr.

MINIMUM DAILY DISCHARGE.--6.1 ft³/s, Oct. 3, 1969.

Magnitude and frequency of annual low flow
before regulation (1946-1967)

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	45	53	59	62	71	82	107	144
5	33	41	45	47	51	57	67	86
10	29	36	40	42	43	48	54	70
20	26	33	37	38	38	42	47	60
50	22	30	33	35	33	37	41	52

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	10,100	7,790	7,440	5,430	3,290	1,700	765	447	302

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	214	164	121	92	70	58	46	30	19

WABASH RIVER BASIN

03327500 WABASH RIVER AT PERU, IN

LOCATION.--Lat 40°44' 35", long 86°05' 45", in SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.32, T.27 N., R.4 E., Miami County, Hydrologic Unit 05120101, on right bank at upstream side of bridge on U.S. Highway 31, 0.5 mile southwest of Peru, 4.4 miles downstream from Mississinewa River, and at mile 370.5.

DRAINAGE AREA.--2,686 mi².

PERIOD OF RECORD.--August 1943 to current year.

REMARKS.--Flow regulated by Huntington Lake, Salamonie Lake, and Mississinewa Lake.

AVERAGE DISCHARGE.--35 years, 2,343 ft³/s, 11.85 in/yr.

MINIMUM DAILY DISCHARGE.--72 ft³/s, Oct. 5, 1946.

Magnitude and frequency of annual low flow before regulation (1946-1967)

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	131	134	140	152	179	238	350	500
5	96	100	105	114	131	156	198	275
10	82	87	92	99	113	128	149	202
20	73	77	83	89	101	109	119	158
50	63	68	75	80	89	92	93	121

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time								
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30
Ft ³ /s	28,300	23,800	22,900	17,200	10,800	6,310	2,910	1,680

Percent	40	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	1,050	703	489	350	235	177	147	120	110	103

03327500 WABASH RIVER AT PERU--Continued

Magnitude and frequency of annual low flow
after regulation (1970-1979)

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	194	197	208	236	284	492	830	1,100
5	137	143	169	187	211	318	574	729
10	111	119	155	170	186	245	465	586
20	92	101	145	158	169	194	386	489
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time								
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30
Ft ³ /s	13,400	12,400	12,200	10,700	9,160	7,300	4,790	2,670

Percent	40	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	1,630	1,250	976	683	445	292	210	177	163	156

WABASH RIVER BASIN

03327520 PIPE CREEK NEAR BUNKER HILL, IN

LOCATION.--Lat 40°40'06", long 86°05'44", in NE¼SE¼ sec.29, T.26 N., R.4 E., Miami County, Hydrologic Unit 05120101, on right bank 150 ft downstream from bridge on County Road 125 West, 0.5 mile northeast of Bunker Hill, and at mile 11.4.

DRAINAGE AREA.--159 mi².

PERIOD OF RECORD.--Occasional low-flow measurements, water years 1960-67; May 1968 to current year.

AVERAGE DISCHARGE.--10 years, 143 ft³/s, 12.21 in/yr.

MINIMUM DAILY DISCHARGE.--3.3 ft³/s, Feb. 1, 1977.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	7.5	8.6	9.2	10	13	19	29	49
5	5.2	5.4	6.2	6.8	8.3	11	14	24
10	4.0	4.0	4.2	4.3	4.6	6	9.6	16
20	---	---	---	---	---	---	---	---
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	
Ft ³ /s	1,740	1,440	1,400	1,080	672	369	162	101	71	

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	53	39	28	19	11	8.0	5.7	4.0	3.6

WABASH RIVER BASIN

03328000 EEL RIVER AT NORTH MANCHESTER, IN

LOCATION.--Lat 40°59'55", long 85°45'50", in NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.5, T.29 N., R.7 E., Wabash County, Hydrologic Unit 05120104, on right bank 200 ft downstream from Main Street bridge in North Manchester, 1.3 miles upstream from Pony Creek, and at mile 52.7.

DRAINAGE AREA.--417 mi², includes that of Pony Creek.

PERIOD OF RECORD.--October 1929 to current year. Prior to April 1930, monthly discharge only, published in WSP 1305. Gage-height records since November 20, 1923 are available in the district office.

AVERAGE DISCHARGE.--49 years, 352 ft³/s, 11.46 in/yr.

MINIMUM DAILY DISCHARGE.--16 ft³/s, Oct. 19, 1956.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	49	52	55	59	65	77	99	127
5	33	38	41	44	49	56	68	83
10	27	32	35	38	42	47	56	67
20	22	27	30	33	37	41	47	55
50	15	20	25	25	31	34	40	45

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	3,360	2,850	2,770	2,230	1,430	847	445	291	209

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	159	123	98	78	61	52	43	37	33

WABASH RIVER BASIN

03328430 WEESAU CREEK NEAR DEEDSVILLE, IN

LOCATION.--Lat 40°54' 34", long 86°07' 36", in NW¼NW¼ sec.6, T.28 N., R.4 E., Miami County, Hydrologic Unit 05120104, on left bank 100 ft downstream from bridge on County Road 1000 North, and 1.5 miles west of Deedsville.

DRAINAGE AREA.--8.87 mi².

PERIOD OF RECORD.--October 1970 to current year.

AVERAGE DISCHARGE.--8 years, 9.24 ft³/s, 14.15 in/yr.

MINIMUM DAILY DISCHARGE.--0.26 ft³/s, Feb. 1, 1977.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for indicated period in consecutive days							
	1	3	7	14	30	50	120	183
2	---	---	0.8	---	---	---	---	---
5	---	---	---	---	---	---	---	---
10	---	---	.3	---	---	---	---	---
20	---	---	---	---	---	---	---	---
50	---	---	---	---	---	---	---	---

WABASH RIVER BASIN

03328500 EEL RIVER NEAR LOGANSPOET, IN

LOCATION.--Lat 40°46'55", long 86°15'50", in NE¼SE¼ sec.14, T.27 N., R.2 E., Cass County, Hydrologic Unit 05120105, on right bank at downstream side of bridge on Adamsboro Road, 5.5 miles northeast of Logansport, and 7.4 miles upstream from mouth.

DRAINAGE AREA.--789 mi².

PERIOD OF RECORD.--July 1943 to current year.

AVERAGE DISCHARGE.--35 years, 726 ft³/s, 12.49 in/yr.

MINIMUM DAILY DISCHARGE.--70 ft³/s, Mar. 15, 1960, results of a freezeup.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	130	132	136	143	154	175	227	295
5	101	104	107	111	120	130	153	189
10	88	92	95	98	106	112	126	149
20	79	83	86	89	96	100	106	122
50	69	74	77	79	86	87	88	98

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	6,420	5,560	5,410	4,130	2,730	1,690	961	656	486

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	373	290	226	181	140	121	107	99	91

WABASH RIVER BASIN

03329000 WABASH RIVER AT LOGANSPOET, IN

LOCATION.--Lat 40°44'47", long 86°22'39", in SW¼NE¼ sec.35, T.27 N., R.1 E., Cass County, Hydrologic Unit 05120105, on left bank 150 ft downstream from Cicott Street bridge in Logansport, 1,000 ft downstream from Eel River, and at mile 353.7.

DRAINAGE AREA.--3,779 mi².

PERIOD OF RECORD.--1923 to current.

REMARKS.--Flow partially regulated by Huntington Lake, Salamonie Lake, and Mississinewa Lake.

AVERAGE DISCHARGE.--55 years (1923 to current year), 3,284 ft³/s, 11.80 in/yr.

MINIMUM DAILY DISCHARGE.--135 ft³/s, Sept. 26, 1941.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	298	311	329	355	404	519	748	1020
5	215	228	239	255	286	342	461	600
10	181	193	201	213	239	275	357	457
20	156	168	174	184	207	229	289	365
50	133	144	147	155	176	187	227	284

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	
Ft ³ /s	34,100	28,200	27,100	20,400	13,600	8,940	4,400	2,640	

Percent	40	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	1,800	1,300	975	716	522	382	307	247	213	191

WABASH RIVER BASIN

03329400 RATTLESNAKE CREEK NEAR PATTON, IN

LOCATION.--Lat 40°42' 6", long 86°41' 49", in NW¼SW¼ sec.7, T.26 N., R.2 W., Carroll County, Hydrologic Unit 05120105, on left bank 5 ft downstream from bridge on County Road 900 West, and 2.5 miles northeast of Patton.

DRAINAGE AREA.--6.83 mi².

PERIOD OF RECORD.--October 1968 to current year.

AVERAGE DISCHARGE.--10 years, 7.19 ft³/s, 14.30 in/yr.

MINIMUM DAILY DISCHARGE.--0.14 ft³/s, Sept. 23, 1974.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.4	0.4	0.5	0.6	0.7	1.0	1.8	3.3
5	.2	.2	.2	.2	.3	.4	.8	1.2
10	.1	.1	.1	.1	.1	.2	.4	.7
20	---	---	---	---	---	---	---	---
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	72	62	60	47	30	19	9.8	6.5	4.8	3.6	2.6	1.9

Percent 80 90 95 98 99 99.5

Ft³/s 1.4 .7 .3 .2 .1 .1

WABASH RIVER BASIN

03329500 WABASH RIVER AT DELPHI, IN

LOCATION.--Lat 40°35'26", long 86°41'54", in SE¼SE¼ sec.24, T.25 N., R.3 W., Carroll County, Hydrologic Unit 05120106, on downstream side of second pier from left abutment of highway bridge, 1 mile west of Delphi, 1.6 miles upstream from Deer Creek, 8.6 miles upstream from Tippecanoe River and at mile 330.8.

DRAINAGE AREA.--4,072 mi².

PERIOD OF RECORD.--October 1939 to September 1971

AVERAGE DISCHARGE.--32 years, 3,324 ft³/s, 11.09 in/yr.

REMARKS.--Flow partially regulated by Huntington Reservoir, Salamonie Reservoir, and Mississinewa Reservoir.

MINIMUM DAILY DISCHARGE.-- 158 ft³/s, May 19, 1943

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	344	353	366	386	437	528	740	992
5	246	253	261	272	298	334	430	576
10	206	211	218	225	241	264	330	433
20	177	182	186	192	206	219	266	343
50	149	153	156	159	171	177	209	263

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time								
0.5	0.9	1.0	2.0	5.0	10	20	30	40
35,600	30,400	29,300	22,000	13,800	8,640	4,350	2,710	1,910

50	60	70	80	90	95	98	99	99.5
1,400	1,020	753	551	408	331	270	227	194

WABASH RIVER BASIN

03329700 DEER CREEK NEAR DELPHI, IN

LOCATION.--Lat 40°35'25", long 86°37'15", in NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.27, T.25 N., R.2 W., Carroll County, Hydrologic Unit 05120105, on downstream side of left wing-wall of highway bridge, 2.6 miles northeast of Delphi Post Office, and 4.8 miles upstream from mouth.

DRAINAGE AREA.--274 mi².

PERIOD OF RECORD.--October 1943 to current year.

AVERAGE DISCHARGE.--35 years, 238 ft³/s, 11.80 in/yr.

MINIMUM DAILY DISCHARGE.--6.2 ft³/s, Sept. 25-28, 1954.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	20	20	21	23	26	33	51	70
5	13	13	14	14	17	20	28	38
10	10	10	10	11	13	16	21	27
20	8.0	8.1	8.3	8.9	11	13	16	21
50	6.2	6.2	6.4	6.6	8.5	10	13	15

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Period	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	2,950	2,390	2,300	1,690	950	556	303	196	133	96	70	50

Percent	80	90	95	98	99	99.5
Ft ³ /s	36	26	20	15	12	10

WABASH RIVER BASIN

03330500 TIPPECANOE RIVER AT OSWEGO, IN

LOCATION.--Lat 41°19'14", long 85°47'21", in NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.14, T.33 N., R.6 E., Kosciusko County, Hydrologic Unit 05120106, on left bank 10 ft downstream from dam at Tippecanoe Lake Outlet in Oswego, 3 miles east of Leesburg, and at mile 158.9.

DRAINAGE AREA.--113 mi².

PERIOD OF RECORD.--October 1949 to current year.

REMARKS.--Occasional regulation by flashboards at lake outlet.

AVERAGE DISCHARGE.--29 years, 97.7 ft³/s, 11.74 in/yr.

MINIMUM DAILY DISCHARGE.--0.08 ft³/s, Aug. 4, 5, 1967.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	6.2	7.2	7.9	11	16	23	30	42
5	1.8	2.1	2.8	4.2	6.3	9.1	17	25
10	.8	1.0	1.6	2.2	3.3	4.6	12	19
20	.4	.5	.9	1.2	1.7	2.3	9.2	15
50	.2	.2	.5	.6	.8	.9	6.7	12

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	509	462	450	376	289	223	161	122	93	70	52	38

Percent	80	90	95	98	99	99.5
Ft ³ /s	25	13	7.6	4.1	2.5	.6

WABASH RIVER BASIN

03331110 WALNUT CREEK NEAR WARSAW, IN

LOCATION.--Lat 41°12'17", long 85°52'11", in NW¼NE¼ sec.30, T.32 N., R.6 E., Kosciusko County, Hydrologic Unit 05120106, on left bank 10 ft upstream from bridge on County Road 200 South, 0.3 mile downstream from small right-bank tributary, and 2.5 miles south of court house in Warsaw.

DRAINAGE AREA.--19.6 mi².

PERIOD OF RECORD.--October 1969 to current year.

REMARKS.--Flow occasionally regulated by lakes upstream.

AVERAGE DISCHARGE.--10 years, 15.7 ft³/s, 10.86 in/yr.

MINIMUM DAILY DISCHARGE.--0.49 ft³/s, Sept. 11, 1978.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	1.1	1.1	1.2	1.3	1.6	2.3	3.2	5.2
5	.7	.7	.8	.9	1.0	1.4	1.8	2.7
10	.5	.6	.6	.7	.8	1.0	1.3	1.9
20	.4	.4	.5	.6	.7	.8	1.0	1.4
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	103	92	90	77	56	40	26	19	14	9.1	6.3	4.1

Percent	80	90	95	98	99	99.5
Ft ³ /s	2.7	1.6	1.1	.8	.7	.7

WABASH RIVER BASIN

03331500 TIPPECANOE RIVER NEAR ORA, IN

LOCATION.--Lat 41°09'26", long 86°33'49", in SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 6, T. 31 N., R.1 W., Pulaski County, Hydrologic Unit 05120106, on right bank at downstream side of highway bridge, 1.0 mile upstream from Bartee ditch, 1.3 miles southwest of Ora, and at mile 78.5.

DRAINAGE AREA.--856 mi².

PERIOD OF RECORD.--September 1943 to current year.

AVERAGE DISCHARGE.--35 years, 805 ft³/s, 12.77 in./yr.

MINIMUM DAILY DISCHARGE.--87 ft³/s, Sept. 13, 1966.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	178	181	186	193	211	234	300	378
5	138	140	144	149	160	173	211	259
10	120	122	125	130	139	149	176	213
20	107	108	111	116	124	132	152	182
50	93	94	97	102	109	116	130	153

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50
Ft ³ /s	4,460	3,890	3,770	3,120	2,270	1,750	1,220	911	711	551

Percent	60	70	80	90	95	98	99	99.5
Ft ³ /s	434	342	267	198	167	144	134	123

WABASH RIVER BASIN

03332300 LITTLE INDIAN CREEK NEAR ROYAL CENTER, IN

LOCATION.--Lat 40°52'53", long 86°35'26", in NE¼NW¼ sec.13, T.28 N., R.2 W., White County, Hydrologic Unit 05120106, on right bank at downstream side of county road bridge, 2.9 miles upstream from mouth, 3.2 miles downstream from Fredericks ditch, and 4.8 miles northwest of Royal Center Post Office.

DRAINAGE AREA.--35.0 sq mi.

PERIOD OF RECORD.--July 1959 to September 1973.

GAGE.--Water-stage recorder. Datum of gage is 692.73 ft (211.144 m) above mean sea level.

AVERAGE DISCHARGE.--14 years, 28.7 cfs, 11.14 in./yr.

MINIMUM DAILY DISCHARGE.--0.5 cfs Dec. 17-22, 1963.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	2.2	2.3	2.5	2.8	3.8	4.6	6.9	9.6
5	1.1	1.2	1.3	1.5	2.1	2.4	3.1	5.1
10	.8	.8	.8	1.1	1.5	1.6	2.0	3.6
20	.5	.6	.6	.8	1.1	1.1	1.3	2.8
50	.4	.4	.4	.6	.7	.8	.8	2.1

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	293	249	239	184	108	66	39	27	20	15	11	7.5

Percent	80	90	95	98	99	99.5
Ft ³ /s	5.0	3.3	2.1	1.3	0.8	0.8

WABASH RIVER BASIN

03332400 BIG MONON CREEK NEAR FRANCESVILLE, IN

LOCATION.--Lat 40°59'03", long 86°51'43", in NW¼NE¼ sec.10, T.29 N., R.4 W., Pulaski County, Hydrologic Unit 05120106, on right bank at downstream side of county road bridge, 1.1 miles east of Francesville, 1.6 miles downstream from right-bank tributary, and 10.2 miles upstream from mouth.

DRAINAGE AREA.--152 sq mi.

PERIOD OF RECORD.--August 1959 to September 1973.

GAGE.--Water-stage recorder.

AVERAGE DISCHARGE.--14 years, 144 cfs, 12.87 in./yr.

MINIMUM DAILY DISCHARGE.--8.5 cfs Nov. 20, 1969.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	17	18	19	21	24	29	45	58
5	11	11	12	14	16	19	25	35
10	9.1	9.5	9.8	11	13	15	19	27
20	7.9	8.2	8.4	9.3	11	13	15	22
50	6.9	7.1	7.1	7.8	9.8	12	11	17

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50
Ft ³ /s	1,320	1,100	1,050	749	463	308	199	144	108	88

Percent	60	70	80	90	95	98	99	99.5
Ft ³ /s	69	51	36	23	18	15	13	12

WABASH RIVER BASIN

03332500 TIPPECANOE RIVER NEAR MONTICELLO, IN

LOCATION.--Lat 40°46'48", long 86°45'36", in NW¼NE¼ sec. 21, T. 27 N., R. 3 W., White County, Hydrologic Unit 05120106, at Norway plant of Northern Indiana Public Service Co., 2 miles north of Monticello, and at mile 32.0.

DRAINAGE AREA.--1,732 mi².

PERIOD OF RECORD.--October 1931 to current year.

REMARKS.--Discharge computed on basis of records of operation of powerplant and flow over dam.

AVERAGE DISCHARGE.--48 years, 1,493 ft³/s, 11.71 in./yr.

MINIMUM DAILY DISCHARGE.--103 ft³/s, July 27, 1934.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	220	265	294	315	351	394	515	650
5	155	192	214	228	251	278	349	439
10	130	163	181	192	210	233	286	358
20	113	142	157	167	182	201	242	303
50	96	123	134	142	154	171	201	251

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time								
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30
Ft ³ /s	10,000	8,660	8,430	6,700	4,670	3,360	2,180	1,590

Percent	40	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	1,220	954	736	582	457	327	266	209	191	165

WABASH RIVER BASIN

03333000 TIPPECANOE RIVER NEAR DELPHI, IN

LOCATION.--Lat 40°37' 02", long 86°45' 39", in NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec.16, T. 25 N., R. 3 W., Carroll County, Hydrologic Unit 05120106, on right bank 2 miles north-east of Springboro, 1.7 miles downstream from Big Creek, 5 miles northwest of Delphi, and at mile 15.1.

DRAINAGE AREA.--1,865 mi².

PERIOD OF RECORD.--March to December 1903, March to December 1904, March 1905 to July 1906, November and December 1908, July 1939 to current year. Published as "at Springboro" 1903.

REMARKS.--Flow regulated by upstream reservoirs.

AVERAGE DISCHARGE.--39 years (1939 to current year), 1,625 ft³/s, 11.83 in./yr.

MINIMUM DAILY DISCHARGE.--1.0 ft³/s, Nov. 2, 3, 1954, caused by repair work at Oakdale Dam.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	240	282	325	360	405	462	609	760
5	182	202	230	238	281	322	405	504
10	146	168	178	185	230	267	325	405
20	98	100	102	148	194	229	271	337
50	52	60	62	113	159	192	220	273

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	10,500	9,080	8,730	7,100	4,970	3,610	2,410	1,780	1,390

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	1,090	852	657	499	356	281	231	195	166

WABASH RIVER BASIN

03333450 WILDCAT CREEK NEAR JEROME, IN

LOCATION.--Lat 40°26'29", long 85°55'08", in NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.14, T. 23 N., R.5 E., Howard County, Hydrologic Unit 05120107, on right bank at downstream side of bridge on County Road 1100 East, 0.5 mile downstream from Mud Creek, 1.5 miles southeast of Jerome, and at mile 79.9.

DRAINAGE AREA.--146 mi².

PERIOD OF RECORD.--July 1961 to current year.

AVERAGE DISCHARGE.--17 years, 127 ft³/s, 11.81 in./yr.

MINIMUM DAILY DISCHARGE.--0.89 ft³/s, Jan. 24-26, 1977.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	3.7	3.8	5.0	4.4	5.5	7.5	13	26
5	1.9	1.9	1.9	2.2	2.1	3.2	4.8	9.3
10	1.3	1.3	1.3	1.3	1.3	2.1	2.0	4.2
20	.9	.9	.9	1.0	1.0	1.4	1.7	3.2
50	.6	.6	.5	.5	.5	.9	1.0	1.4

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	
Ft ³ /s	1,860	1,490	1,430	1,020	560	317	150	92	62	41	26	

Percent	70	80	90	95	98	99	99.5
Ft ³ /s	16	8.6	4.4	2.8	1.9	1.6	1.1

WABASH RIVER BASIN

03333500 WILDCAT CREEK AT GREENTOWN, IN

LOCATION.--Lat 40°27', long 85°57', on line between secs.9 and 10, T.23 N., R.5 E., Howard County, Hydrologic Unit 05120107, on left bank at downstream side of bridge on State Highway 213, 1.5 miles south of Greentown.

DRAINAGE AREA.--162 sq mi.

PERIOD OF RECORD.--October 1944 to July 1961.

AVERAGE DISCHARGE.--(1944-60), 150 cfs.

MINIMUM DAILY DISCHARGE.--0.9 cfs Sept. 21, 1947.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	3.1	3.2	3.4	3.8	4.7	6.7	17	30
5	1.7	1.8	1.9	2.2	2.7	3.6	7.6	15
10	1.2	1.3	1.4	1.6	2.1	2.8	5.2	11
20	.9	1.0	1.1	1.3	1.7	2.3	3.8	8.3
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time											
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60
Ft ³ /s	2,060	1,710	1,630	1,190	675	377	194	117	76	51	35

Percent	70	80	90	95	98	99	99.5
Ft ³ /s	21	12	5.9	4.0	2.5	1.9	1.5

WABASH RIVER BASIN

03333600 KOKOMO CREEK NEAR KOKOMO, IN

LOCATION.--Lat 40°26'28", long 86°05'20", in NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.16, T.23 N., R.4 E., Howard County, Hydrologic Unit 05120107, on left bank at upstream side of bridge on County Road 200 East, 2.6 miles southeast of intersection of U.S. Highways 31 and 35 in Kokomo, and 4.2 miles upstream from mouth.

DRAINAGE AREA.--24.7 mi².

PERIOD OF RECORD.--July 1959 to current year.

AVERAGE DISCHARGE.--19 years, 20.8 ft³/s, 11.44 in./yr.

MINIMUM DAILY DISCHARGE.--0.08 ft³/s, Aug. 20, 1975.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.4	0.5	0.6	0.7	0.9	1.4	2.0	3.9
5	.2	.2	.4	.4	.5	.7	1	1.7
10	.1	.1	.1	.3	.4	.5	.7	1.1
20	.1	.1	.1	.2	.3	.4	.5	.7
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	299	253	241	169	91	52	25	15	10	6.3	4.0	2.4

Percent	80	90	95	98	99	99.5
Ft ³ /s	1.5	.8	.6	.4	.3	.2

WABASH RIVER BASIN

03333700 WILDCAT CREEK AT KOKOMO, IN

LOCATION.--Lat 40°28'24", long 86°09'26", in NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.2, T.23 N., R.3 E., Howard County, Hydrologic Unit 05120107, on right bank on property of Penn-Dixie Steel Corporation in Kokomo, 0.5 mile downstream from Kokomo Creek, 0.4 mile upstream from Dixon Road bridge, and at mile 62.5.

DRAINAGE AREA.--242 mi².

PERIOD OF RECORD.--October 1955 to current year.

REMARKS.--Some regulation for municipal water supply by regulation of Kokomo Reservoirs No. 1 and No. 2, combined capacity, 4,170 acre-ft, and by Kokomo Sewage Treatment Plant.

AVERAGE DISCHARGE.--24 years, 224 ft³/s, 12.57 in./yr.

MINIMUM DAILY DISCHARGE.--7.2 ft³/s, Sept. 30, 1956.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	18	20	21	23	26	31	43	59
5	13	14	15	16	18	20	20	32
10	10	11	12	13	15	17	19	24
20	8.7	9.3	10	11	12	14	16	19
50	7.0	7.4	8.2	8.4	9.8	12	12	15

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time											
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60
Ft ³ /s	3,100	2,480	2,370	1,630	897	523	271	172	117	80	57

Percent	70	80	90	95	98	99	99.5
Ft ³ /s	43	33	24	20	15	12	11

WABASH RIVER BASIN

03334000 WILDCAT CREEK AT OWASCO, IN

LOCATION.--Lat 40°27'50", long 86°38'15", in SE¼SE¼ sec.4, T.23 N., R.2 W., Carroll County, Hydrologic Unit 05120107, on left bank 500 ft downstream from bridge on State Highway 39, 0.5 mile northwest of Owasco, and 15 miles upstream from South Fork Wildcat Creek.

DRAINAGE.--396 sq mi.

PERIOD OF RECORD.--October 1943 to September 1973.

AVERAGE DISCHARGE.--30 years, 356 cfs, 12.21 in./yr.

MINIMUM DAILY DISCHARGE.--11 cfs, Sept. 25, 1944.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	28	30	32	34	39	48	75	98
5	19	21	22	24	27	31	42	55
10	16	17	19	20	23	25	31	41
20	13	14	16	17	19	21	25	32
50	11	12	13	14	16	18	19	24

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50
Ft ³ /s	4,020	3,290	3,180	2,380	1,440	879	459	297	210	151

Percent	60	70	80	90	95	98	99	99.5
Ft ³ /s	109	79	54	38	31	24	21	19

WABASH RIVER BASIN

03334500 SOUTH FORK WILDCAT CREEK NEAR LAFAYETTE, IN

LOCATION.--Lat 40°25'04", long 86°46'05", in SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 21, T. 23 N., R. 3 W., Tippecanoe County, Hydrologic Unit 05120107, on right bank 40 ft upstream from bridge on State Highway 26, 0.5 mile upstream from Middle Fork, 4.4 miles upstream from mouth, and 5 miles east of Lafayette.

DRAINAGE AREA.--243 mi².

PERIOD OF RECORD.--October 1943 to current year.

AVERAGE DISCHARGE.--36 years, 238 ft³/s, 13.30 in./yr.

MINIMUM DAILY DISCHARGE.--15 ft³/s, Sept. 19, 22, 1944, Aug. 30, 31, Sept. 1, 14, 15, 1969.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	27	27	28	30	34	41	62	83
5	20	21	21	23	25	29	38	48
10	18	18	19	20	21	24	29	36
20	16	16	17	17	18	21	23	29
50	14	15	15	15	16	17	18	22

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	2,840	2,310	2,210	1,590	932	549	285	192	143

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	108	82	62	46	33	27	23	21	19

WABASH RIVER BASIN

03335000 WILDCAT CREEK NEAR LAFAYETTE, IN

LOCATION.--Lat 40°26'26", long 86°49'45", in SW¼NW¼ sec. 13, T. 23 N., R. 4 W., Tippecanoe County, Hydrologic Unit 05120107, on right bank about 200 ft downstream of bridge on County Road 2A East, 2.8 miles downstream from South Fork Wildcat Creek, 3.7 miles northeast of courthouse in Lafayette, and 4.8 miles upstream from mouth.

DRAINAGE AREA.--794 mi².

PERIOD OF RECORD.--May 1954 to current year.

AVERAGE DISCHARGE.--25 years, 750 ft³/s, 12.82 in./yr.

MINIMUM DAILY DISCHARGE.--46 ft³/s, Sept. 28, 29, 1954.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	84	86	90	95	109	131	199	259
5	60	61	64	68	78	89	118	151
10	50	51	53	56	65	73	89	114
20	43	44	45	48	56	63	70	90
50	37	37	38	40	47	53	53	69

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	8,340	6,590	6,300	4,930	2,990	1,710	941	633	455

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	342	258	195	147	105	82	66	59	56

WABASH RIVER BASIN

03335500 WABASH RIVER AT LAFAYETTE, IN

LOCATION.--Lat 40°25'19", long 86°53'49", in NE¼SW¼ sec. 20, T. 23 N., R.4 W., Tippecanoe County, Hydrologic Unit 05120108, on right bank 20 ft downstream from Brown Street in Lafayette, 0.2 mile upstream from Main Street bridge, 0.3 mile downstream from Harrison Memorial Bridge, 5.1 miles downstream from Wildcat Creek, and at mile 311.9.

DRAINAGE AREA.--7,267 mi².

PERIOD OF RECORD.--February 1901 to January 1902, March to December 1902, January to May 1903 (gage heights only), October 1923 to current year. Monthly discharge only for some periods, published in WSP 1305. Gage-height records collected at present site since October 1913 are contained in reports of National Weather Service.

REMARKS.--Flow partially regulated by upstream reservoirs and power development .

AVERAGE DISCHARGE.--56 years (1923 to current year), 6,383 ft³/s, 11.93 in./yr.

MINIMUM DAILY DISCHARGE.--399 ft³/s, Sept. 26, 1941.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	825	870	933	1,000	1,120	1,330	1,820	2,340
5	618	650	685	721	796	898	1,190	1,480
10	531	558	581	606	664	732	946	1,170
20	468	493	507	524	571	618	782	969
50	406	428	434	444	481	511	630	782

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	
Ft ³ /s	53,100	44,700	43,000	34,400	23,700	15,600	9,040	6,000	
Percent	40	50	60	70	80	90	95	98	99 99.5
Ft ³ /s	4,330	3,290	2,540	1,930	1,440	1,050	827	678	595 530

WABASH RIVER BASIN

03335690 MUD PINE CREEK NEAR OXFORD, IN

LOCATION.--Lat 40°31'24", long 87°20'30", in NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.17, T. 24 N., R.8 W., Benton County, Hydrologic Unit 05120108, on right bank 5 ft downstream from county road bridge, 0.3 mile north of Chase, 2 miles east of Boswell, and 5 miles west of Oxford.

DRAINAGE AREA.--39.4 mi².

PERIOD OF RECORD.--June 1971 to current year.

AVERAGE DISCHARGE.--8 years (1972 to current year), 39.8 ft³/s, 13.72 in./yr.

MINIMUM DAILY DISCHARGE.--0.25 ft³/s, Sept. 24, 1971.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	---	---	0.5	---	---	---	---	---
5	---	---	---	---	---	---	---	---
10	---	---	.2	---	---	---	---	---
20	---	---	---	---	---	---	---	---
50	---	---	---	---	---	---	---	---

WABASH RIVER BASIN

03335700 BIG PINE CREEK NEAR WILLIAMSPORT, IN

LOCATION.--Lat 40°19'03", long 87°17'26", in SW¼SE¼ sec. 26, T. 22 N., R.8 W., Warren County, Hydrologic Unit 05120108, on downstream side of county road bridge, 1.6 miles north of city limits of Williamsport, and 3.7 miles upstream from mouth.

DRAINAGE AREA.--323 mi².

PERIOD OF RECORD.--October 1955 to current year.

AVERAGE DISCHARGE.--24 years, 262 ft³/s, 11.01 in./yr.

MINIMUM DAILY DISCHARGE.--6.5 ft³/s, Oct. 6-8, 1966.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	14	15	15	17	21	26	44	77
5	9.1	9.5	9.7	10	13	15	21	36
10	7.2	7.5	7.6	8.0	10	11	14	23
20	6.0	7.5	7.6	8.0	8.1	9.0	10	16
50	4.8	5.8	6.0	6.4	6.4	7.0	7.0	10

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50
Ft ³ /s	3,080	2,260	2,200	1,690	1,010	603	343	235	167	121

Percent	60	70	80	90	95	98	99	99.5
Ft ³ /s	82	50	30	18	14	9.8	8.6	7.8

WABASH RIVER BASIN

03336000 WABASH RIVER AT COVINGTON, IN

LOCATION.--Lat 40°08' 24", long 87°24' 20", in NE¼NW¼ sec. 35, T. 20 N., R.9 W., on Fountain-Warren county line, Hydrologic Unit 05120108, near center of span on downstream side of bridge on U.S. Highway 136 at Covington, 2.9 miles downstream from Oppossum Run, 3.6 miles upstream from Spring Creek, and at mile 271.1.

DRAINAGE AREA.--8,218 mi².

PERIOD OF RECORD.--October 1939 to current year. Gage-height records collected at site 0.4 mile downstream January 1927 to December 1930, and at present site since December 1930, are contained in reports of National Weather Service.

REMARKS.--Flow partially regulated by upstream reservoirs and power development.

AVERAGE DISCHARGE.--40 years, 7,251 ft³/s, 11.98 in./yr.

MINIMUM DAILY DISCHARGE.--487 ft³/s, Sept. 29, 1941.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	1,120	1,160	1,220	1,300	1,460	1,690	2,240	2,840
5	800	827	863	911	999	1,100	1,390	1,760
10	669	690	717	750	811	875	1,070	1,360
20	575	593	613	636	679	720	861	1,090
50	485	499	513	526	553	575	665	851

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	
Ft ³ /s	55,600	46,100	44,500	35,100	25,300	17,600	10,600	7,130	
Percent	40	50	60	70	80	90	95	98	99 99.5
Ft ³ /s	5,250	4,010	3,110	2,390	1,790	1,270	982	803	719 643

WABASH RIVER BASIN

03339108 EAST FORK COAL CREEK NEAR HILLSBORO, IN

LOCATION.--Lat 40°06'06", long 87°07'54", in NW¼SW¼ sec. 8, T. 19 N., R.6 W., Fountain County, Hydrologic Unit 05120108, at center pier on downstream side of bridge on County Road 700 East, 1.5 miles east of Hillsboro, 3.7 miles northwest of Waynetown, and 9.6 miles upstream from mouth.

DRAINAGE AREA.--33.4 mi².

PERIOD OF RECORD.--September 1968 to current year.

AVERAGE DISCHARGE.--11 years, 38.2 ft³/s, 15.53 in./yr.

MINIMUM DAILY DISCHARGE.--3.5 ft³/s, Jan. 16, 17, Feb. 6, 7, 1977.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	5.0	5.1	5.4	6.1	7.6	9.6	14	20
5	3.9	4.0	4.2	4.6	5.6	7.2	9.9	13
10	3.4	3.5	3.7	4.1	4.8	6	7.9	10
20	3.1	3.2	3.3	3.7	4.2	5.1	6.5	7.8
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	488	374	350	241	121	72	42	30	23	19	15	12

Percent	80	90	95	98	99	99.5
Ft ³ /s	9.3	7.0	5.7	4.8	4.2	3.9

WABASH RIVER BASIN

03339120 COAL CREEK AT COAL CREEK, IN

LOCATION.--Lat 40°01'42", long 87°22'30", in SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.6, T.18 N., R.8 W., Fountain County, Hydrologic Unit 05120108, on downstream side of county road bridge, 0.7 mile southeast of Coal Creek.

DRAINAGE ARES.--214 sq mi.

PERIOD OF RECORD.--October 1964 to September 1972 (Discontinued).

AVERAGE DISCHARGE.--8 years, 178 cfs, 11.30 inches per year.

MINIMUM DAILY DISCHARGE.--6.0 ft³/s, Sept. 12, 13, 1966.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	---	---	14	---	---	---	---	---
5	---	---	---	---	---	---	---	---
10	---	---	5	---	---	---	---	---
20	---	---	---	---	---	---	---	---
50	---	---	---	---	---	---	---	---

WABASH RIVER BASIN

03339500 SUGAR CREEK AT CRAWFORDSVILLE, IN

LOCATION.--Lat 40°02'56", long 86°53'58", in SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.32, T.19 N., R.4 W., Montgomery County, Hydrologic Unit 05120110, on left bank 327 ft upstream from Crawfordsville Electric Light and Power Co.'s dam at Crawfordsville, 0.5 mile upstream from bridge on State Highway 43, 1.0 mile downstream from Walnut Fork Sugar Creek, and at mile 40.4.

DRAINAGE AREA.--509 mi².

PERIOD OF RECORD.--June 1938 to current year.

AVERAGE DISCHARGE.--41 years, 486 ft³/s, 12.97 in./yr.

MINIMUM DAILY DISCHARGE.--2.4 ft³/s, Sept. 24-27, 1941.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	19	20	22	25	29	39	70	111
5	9.6	10	11	12	15	20	32	50
10	6.4	6.4	7.1	8.2	10	14	21	33
20	4.4	4.4	4.7	5.7	7.0	10	15	24
50	1.4	1.5	1.5	3.7	5.1	7.6	10	16

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	7,430	5,760	5,400	3,820	2,090	1,140	542	336	233

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	166	111	74	46	27	19	13	9.6	6.5

WABASH RIVER BASIN

03340000 SUGAR CREEK NEAR BYRON, IN

LOCATION.--Lat 39°55'52", long 87°07'33", in NW¼SW¼ sec.8, T.17 N., R.6 W., Parke County, Hydrologic Unit 05120110, on right bank 30 ft upstream from county highway bridge, 2.5 miles northwest of Byron, and 5 miles downstream from Indian Creek.

DRAINAGE AREA.--670 sq mi.

PERIOD OF RECORD.--October 1940 to September 1971 (discontinued).

AVERAGE DISCHARGE.--31 years, 628 cfs (12.77 inches per year).

MINIMUM DAILY DISCHARGE.--12 cfs, Sept. 21, 1941.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	42	43	45	48	55	71	112	159
5	27	27	28	30	35	42	58	84
10	21	21	22	23	28	33	43	62
20	16	17	18	19	23	28	33	49
50	13	13	14	14	18	23	25	38

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50
Ft ³ /s	9,630	7,320	6,920	4,710	2,430	1,410	718	466	327	233

Percent	60	70	80	90	95	98	99	99.5
Ft ³ /s	162	113	78	54	41	31	25	20

WABASH RIVER BASIN

03340500 WABASH RIVER AT MONTEZUMA, IN

LOCATION.--Lat 39°47' 33", long 87°22' 26", in SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.35, T.16 N., R.9 W., Parke County, Hydrologic Unit 05120108, on downstream side of first pier from left bank of bridge on U.S. Highway 36 at Montezuma, 2.0 miles upstream from Raccoon Creek, 4.9 miles downstream from Sugar Creek, and at mile 240.0.

DRAINAGE AREA.--11,118 mi².

PERIOD OF RECORD.--October 1927 to current year.

REMARKS.--Flow partially regulated by upstream reservoirs.

AVERAGE DISCHARGE.--52 years, 9,614 ft³/s, 11.74 in./yr.

MINIMUM DAILY DISCHARGE.--571 ft³/s, Sept. 24, 1941.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	1,270	1,330	1,410	1,510	1,700	1,940	2,640	3,440
5	899	955	1,010	1,070	1,200	1,320	1,710	2,170
10	752	806	851	894	1,000	1,080	1,370	1,710
20	650	703	740	773	865	925	1,150	1,410
50	552	603	633	657	732	777	936	1,130

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time								
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30
Ft ³ /s	71,700	62,000	59,900	47,900	33,700	24,000	14,100	9,570
Percent	40	50	60	70	80	90	95	98 99 99.5
Ft ³ /s	6,810	5,160	3,880	2,940	2,180	1,560	1,210	991 889 823

WABASH RIVER BASIN

03340800 BIG RACCOON CREEK NEAR FINCASTLE, IN

LOCATION.--Lat 39°48'45", long 86°57'14", in NW¼SW¼ sec.22, T.16 N., R.5 W., Putnam County, Hydrologic Unit 05120108, on left bank at downstream side of county road bridge, 1.6 miles upstream from Ramp Creek, 3.1 miles west of Fincastle, and at mile 48.8.

DRAINAGE AREA.--130 mi².

PERIOD OF RECORD.--August 1957 to current year. Prior to October 1963, published as Raccoon Creek near Fincastle.

AVERAGE DISCHARGE.--22 years, 144 ft³/s, 14.07 in./yr.

MINIMUM DAILY DISCHARGE.--1.8 ft³/s, Sept. 16, 17, and Oct. 5, 6, 1964.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	6.3	6.4	6.8	7.7	9.6	14	23	35
5	3.6	3.7	3.9	4.3	4.4	6.5	9.7	16
10	2.6	2.7	2.8	3.1	3.2	4.4	6.1	10
20	2.0	2.1	2.3	2.4	2.7	3.1	4.1	6.9
50	1.5	1.6	1.7	1.8	1.7	2.1	2.5	4.5

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50
Ft ³ /s	2,420	1,890	1,790	1,050	524	300	164	104	71	50

Percent	60	70	80	90	95	98	99	99.5
Ft ³ /s	33	21	14	7.8	5.3	3.7	3.1	2.6

WABASH RIVER BASIN

03340900 BIG RACCOON CREEK AT FERNDALE, IN

LOCATION.--Lat 39°41'44", long 87°05'01", in SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.33, T.15 N., R.6 W., Parke County, Hydrologic Unit 05120108, on right bank 1.1 miles southwest of Ferndale, 1.8 miles northeast of Mansfield, 2.0 miles upstream from Rocky Fork Creek, 2.2 miles downstream from Cecil M. Harden Lake, and at mile 31.6.

DRAINAGE AREA.--222 mi².

PERIOD OF RECORD.--1961-1979.

REMARKS.--Flow regulated by Cecil M. Harden Lake.

AVERAGE DISCHARGE.--22 years, 226 ft³/s, 13.80 in./yr.

MINIMUM DAILY DISCHARGE.--Oct. 11, 1956; no flow Aug. 23, 24, 1977, due to regulation.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	17	18	21	23	26	38	69	112
5	10	12	14	15	16	23	35	55
10	8.0	9.3	11	12	12	17	23	34
20	5.0	7.5	8.5	9.3	9.9	13	16	21
50	3.8	5.7	6.5	7.1	7.6	9.8	9.9	11

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50
Ft ³ /s	1,840	1,700	1,670	1,290	939	584	304	210	142	102

Percent	60	70	80	90	95	98	99	99.5
Ft ³ /s	72	49	35	25	19	15	13	11

WABASH RIVER BASIN

03341000 RACCOON CREEK AT MANSFIELD, IN

LOCATION.--Lat 39°41'00", long 87°07'00", in sec.8, T.14 N., R.6 W., in Parke County, Hydrologic Unit 05120108, at bridge on State Highway 59 at Mansfield, 1 mile downstream from Rocky Fork.

DRAINAGE AREA.--252 mi².

PERIOD OF RECORD.--1939-1958.

REMARKS.--Some regulation at low flow by mill above station.

MINIMUM DAILY DISCHARGE.--About 1.0 cfs (regulated) Jan. 11, 1945.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	5.8	6.9	8.1	8.9	10	15	30	51
5	2.8	3.4	4.0	4.5	5.2	5.7	15	23
10	1.9	2.3	2.7	3.2	3.6	5.7	10	15
20	1.4	1.6	1.9	2.2	3.6	4.6	7.5	11
50	.9	1.1	1.3	1.5	1.8	3.6	5.2	7.6

Duration of daily discharges for annual periods

the indicated percent of total time											
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	
Ft ³ /s	4,100	2,950	2,760	1,680	791	457	256	175	124	85	

Percent	60	70	80	90	95	98	99	99.5
Ft ³ /s	55	34	20	13	7.2	3.8	2.7	2.2

WABASH RIVER BASIN

03341200 LITTLE RACCOON CREEK NEAR CATLIN, IN

LOCATION.--Lat 39°40' 38", long 87°13' 38", in NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.7, T.14 N., R.7 W., Parke County, Hydrologic Unit 05120108, on left bank at downstream side of county road bridge, 300 ft downstream from small left-bank tributary, 0.4 mile upstream from Sunderland Branch, 1.2 miles southeast of Catlin, 2.4 miles upstream from Weisner Creek, and 3.8 miles upstream from mouth.

DRAINAGE AREA.--133 mi².

PERIOD OF RECORD.--December 1956 to September 1957 (fragmentary), October 1957 to September 1971 (discontinued).

AVERAGE DISCHARGE.--14 years (1957-71), 117 cfs (11.95 inches per year).

MINIMUM DAILY DISCHARGE.--4.1 cfs, Dec. 22, 1963.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	6.6	6.8	7.0	7.7	9.0	11	15	24
5	4.8	4.9	5.2	5.5	6.2	7	9	14
10	4.1	4.3	4.6	4.8	5.3	5.7	7.2	11
20	3.8	4	4.2	4.3	4.7	4.9	6.2	9.5
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50
Ft ³ /s	2,110	1,380	1,220	696	370	226	127	86	58	39

Percent	60	70	80	90	95	98	99	99.5
Ft ³ /s	25	17	11	6.1	3.0	1.2	0.6	0.3

WABASH RIVER BASIN

03341300 BIG RACCOON CREEK AT COXVILLE, IN

LOCATION.--Lat 39°39'09", long 87°17'37", in SW¼SW¼ sec.15, T.14 N., R.8 W., Parke County, Hydrologic Unit 05120108, on right bank at downstream side of covered bridge on county road at Coxville, 0.8 mile upstream from Rock Run, 1.5 miles downstream from Little Raccoon Creek, 2.1 miles northwest of Rosedale, and at mile 13.1.

DRAINAGE AREA.--448 mi².

PERIOD OF RECORD.--October 1956 to current year. Prior to October 1963, published as Raccoon Creek at Coxville.

REMARKS.--Flow regulated by Cecil M. Harden Lake.

AVERAGE DISCHARGE.--23 years, 485 ft³/s, 14.70 in./yr.

MINIMUM DAILY DISCHARGE.--6.5 ft³/s, Oct. 10, 1956.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	56	57	59	65	79	110	168	214
5	36	36	38	41	49	64	98	128
10	27	28	28	31	37	46	72	94
20	21	22	22	24	28	34	54	71
50	15	16	16	18	21	24	39	51

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	
Ft ³ /s	3,760	2,800	2,710	2,120	1,540	1,150	704	469	334	

Percent	50	60	70	80	90	95	98	99	99.5	
Ft ³ /s	252	201	150	108	76	60	36	31	29	

WABASH RIVER BASIN

03341500 WABASH RIVER AT TERRE HAUTE, IN

LOCATION.--Lat 39°28'00", long 87°25'08", in NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.21, T.12 N., R.9 W., Vigo County, Hydrologic Unit 05120111, on left bank at upstream side of Wabash Avenue bridge at Terre Haute, 2.4 miles upstream from Sugar Creek, 4.2 miles downstream from Lost Creek, and at mile 214.4.

DRAINAGE AREA.--12,265 mi².

PERIOD OF RECORD.--October 1927 to current year.

REMARKS.--Flow partially regulated by upstream reservoirs.

AVERAGE DISCHARGE.--52 years, 10,640 ft³/s, 11.78 in./yr.

MINIMUM DAILY DISCHARGE.--701 ft³/s, Aug. 3, 1934.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	1,500	1,560	1,640	1,740	1,950	2,250	3,000	3,900
5	1,070	1,120	1,170	1,240	1,380	1,540	1,980	2,500
10	898	939	981	1,040	1,160	1,270	1,600	2,000
20	781	816	852	898	1,000	1,090	1,340	1,650
50	670	699	728	765	858	917	1,110	1,330

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	
Ft ³ /s	76,100	64,500	63,000	50,600	36,100	26,600	15,800	10,900	
Percent	40	50	60	70	80	90	95	98	99 99.5
Ft ³ /s	7,820	5,910	4,420	3,370	2,540	1,800	1,450	1,200	1,050 945

WABASH RIVER BASIN

03342000 WABASH RIVER AT RIVERTON, IN

LOCATION.--Lat 39°01'13", long 87°34'07", in NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.30, T.7 N., R.10 W., Sullivan County, Hydrologic Unit 05120111, on left bank at downstream side of Illinois Central Railroad bridge at Riverton, 0.5 mile downstream from Turtle Creek, and at mile 162.0.

DRAINAGE AREA.--13,161 mi².

PERIOD OF RECORD.--October 1938 to current year.

REMARKS.--Flow partially regulated by upstream reservoirs.

AVERAGE DISCHARGE.--41 years, 11,590 ft³/s, 11.96 in./yr.

MINIMUM DAILY DISCHARGE.--858 ft³/s, Sept. 27-30, 1941.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	1,810	1,840	1,910	2,010	2,230	2,570	3,370	4,290
5	1,320	1,330	1,370	1,430	1,590	1,750	2,140	2,670
10	1,120	1,130	1,160	1,210	1,330	1,430	1,680	2,080
20	981	992	1,010	1,050	1,150	1,220	1,380	1,690
50	848	856	865	893	972	1,020	1,090	1,330

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	79,800	67,900	66,200	53,900	38,600	28,600	17,400	11,800	8,480

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	6,520	4,990	3,770	2,810	1,990	1,570	1,370	1,240	1,150

WABASH RIVER BASIN

03342100 BUSSEYON CREEK NEAR HYMERA, IN

LOCATION.--Lat 39°12'54", long 87°18'41", in NW¼NW¼ sec.21, T.9 N., R.8 W., Sullivan County, Hydrologic Unit 05120111, on right bank at downstream side of bridge on County Road 900 North, 1.3 miles upstream from East Fork Busseyon Creek, 1.9 miles northwest of Hymera, 4.1 miles upstream from West Fork Busseyon Creek, and at mile 30.3.

DRAINAGE AREA.--16.7 mi².

PERIOD OF RECORD.--June 1966 to current year.

REMARKS.--Flow affected by U.S. Soil Conservation Service floodwater-retarding structures.

AVERAGE DISCHARGE.--13 years, 18.7 ft³/s, 15.21 in./yr.

MINIMUM DAILY DISCHARGE.--No flow at times most years.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.0	0.0	0.0	0.0	0.1	0.3	1.4	3.4
5	.0	.0	.0	.0	.1	.1	.3	.8
10	.0	.0	.0	.0	.0	.0	.2	.3
20	.0	.0	.0	.0	.0	.0	.1	.1
50	.0	.0	.0	.0	.0	.0	.0	.0

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	350	238	208	145	80	49	24	12	6.0	3.0	1.4	0.6

Percent	80	90	95	98	99	99.5
Ft ³ /s	0.2	0.1	0.0	0.0	0.0	0.0

WABASH RIVER BASIN

03342150 WEST FORK BUSSERON CREEK NEAR HYMERA, IN

LOCATION.--Lat 39°11'10", long 87°19'44", in NW¼NW¼ sec.32, T.9 N., R.8 W., Sullivan County, Hydrologic Unit 05120111, on right bank at downstream side of bridge on State Highway 48, 1.4 miles upstream from mouth, 1.5 miles west of Hymera, and 3.7 miles east of U.S. Highway 41.

DRAINAGE AREA.--14.4 mi².

PERIOD OF RECORD.--October 1966 to current year.

REMARKS.--Records poor.

AVERAGE DISCHARGE.--13 years, 13.8 ft³/s, 13.01 in./yr.

MINIMUM DAILY DISCHARGE.--No flow at times most years.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.0	0.0	0.0	0.1	0.1	0.3	0.9	2.5
5	.0	.0	.0	.0	.1	.1	.3	.8
10	.0	.0	.0	.0	.1	.1	.2	.4
20	.0	.0	.0	.0	.1	.1	.1	.3
50	.0	.0	.0	.0	.0	.1	.1	.1

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	325	245	225	137	58	28	12	6.4	3.8	2.1	1.2	0.6

Percent	80	90	95	98	99	99.5
Ft ³ /s	0.3	0.1	0.1	0.0	0.0	0.0

WABASH RIVER BASIN

03342250 MUD CREEK NEAR DUGGER, IN

LOCATION.--Lat 39°06'28", long 87°16'42", in SE¼NE¼ sec.27, T.8 N., R.8 W., Sullivan County, Hydrologic Unit 05120111, on right bank at downstream side of bridge on County Road 700 East, 0.6 mile north of County Road 100 North, 1.7 miles upstream from mouth, and 2.5 miles northwest of Dugger.

DRAINAGE AREA.--11.9 mi².

PERIOD OF RECORD.--June 1966 to current year.

REMARKS.--Flow affected by surface-mined areas.

AVERAGE DISCHARGE.--13 years, 14.4 ft³/s, 16.43 in./yr.

MINIMUM DAILY DISCHARGE.--0.40 ft³/s, Jan. 17, 1977.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	1.1	1.2	1.4	1.6	2.0	2.7	3.4	5.1
5	.7	.8	.9	1.0	1.2	1.7	2.1	3.0
10	.5	.6	.7	.8	.9	1.3	1.7	2.2
20	.4	.5	.6	.6	.7	1.0	1.4	1.7
50	.2	.4	.4	.5	.5	.7	1.2	1.2

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	207	154	145	92	48	27	16	12	8.7	6.5	4.7	3.4

Percent	80	90	95	98	99	99.5
Ft ³ /s	2.4	1.6	1.3	0.9	0.7	0.6

WABASH RIVER BASIN

03342300 BUSSERON CREEK NEAR SULLIVAN, IN

LOCATION.--Lat 39°04'33", long 87°23'11", in SE¼NW¼ sec.2, T.7 N., R.9 W., Sullivan County, Hydrologic Unit 05120111, on left bank at upstream side of bridge on State Highway 54, 1.5 miles southeast of Sullivan, 1.6 miles east of intersection of U.S. Highway 41 and State Highway 54, 1.7 miles upstream from Buttermilk Creek, and at mile 16.7.

DRAINAGE AREA.--138 mi².

PERIOD OF RECORD.--June 1966 to current year.

REMARKS.--Flow affected by surface-mined areas and U.S. Soil Conservation Service floodwater-retarding structures.

AVERAGE DISCHARGE.--13 years, 148 ft³/s, 14.56 in./yr.

MINIMUM DAILY DISCHARGE.--0.9 ft³/s, Sept. 8, 1966.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	3.1	3.2	3.8	4.5	5.9	8.8	15	29
5	1.9	2	2.4	2.9	3.5	5.1	8	14
10	1.5	1.6	2	2.3	2.7	3.8	6.1	9.6
20	1.3	1.3	1.6	2	2.1	2.9	5.1	7
50	1	1.1	1.3	1.6	1.7	2.2	4.3	5

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50
Ft ³ /s	1,880	1,610	1,540	1,200	656	349	170	101	61	38

Percent	60	70	80	90	95	98	99	99.5
Ft ³ /s	24	16	8.7	4.8	3.4	2.7	2.3	1.9

WABASH RIVER BASIN

03342350 BUTTERMILK CREEK NEAR PAXTON, IN

LOCATION.--Lat 39°03'43", long 87°20'37", in SE¼NW¼ sec.7, T.7 N., R.8 W., Sullivan County, Hydrologic Unit 05120111, on left bank at downstream side of bridge, 3 miles northeast of Paxton, and s miles upstream from mouth.

DRAINAGE AREA.--16.5 sq mi.

PERIOD OF RECORD.--June 1966 to 1973.

AVERAGE DISCHARGE.--7 years, 15.5 cfs, 12.76 in./yr.

MINIMUM DAILY DISCHARGE.--No flow at times most years.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	---	---	0.0	---	---	---	---	---
5	---	---	---	---	---	---	---	---
10	---	---	.0	---	---	---	---	---
20	---	---	---	---	---	---	---	---
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	239	208	199	142	68	36	18	10	6.9	4.8	3.2	2.2

Percent	80	90	95	98	99	99.5
Ft ³ /s	1.4	0.6	0.3	0.1	0.0	0.0

WABASH RIVER BASIN

03342500 BUSSERON CREEK NEAR CARLISLE, IN

LOCATION.--Lat 38°58'26", long 87°25'33", in NW¼ survey 17, Vincennes Tract, Sullivan County, Hydrologic Unit 05120111, on left bank 10 ft downstream from bridge on State Highway 58, 1.5 miles northwest of Carlisle, and 7.2 miles upstream from mouth.

DRAINAGE AREA.--228 mi².

PERIOD OF RECORD.--October 1943 to current year.

REMARKS.--Flow affected by U.S. Soil Conservation Service floodwater-retarding structures and surface-mined areas.

AVERAGE DISCHARGE.--36 years, 223 ft³/s, 13.28 in./yr.

MINIMUM DAILY DISCHARGE.--No flow many days in 1954.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	2.7	2.8	3.3	4.2	6.8	10	24	38
5	.7	.8	1.1	1.5	1.9	4.1	8.6	13
10	.3	.4	.5	.8	.8	2.4	4.8	7
20	.2	.2	.3	.6	.7	1.5	3.1	4
50	.1	.1	.2	.4	.4	.9	1.5	2

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time											
Period	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	
Ft ³ /s	3,100	2,660	2,580	1,950	1,200	608	227	120	70	43	

Period	60	70	80	90	95	98	99	99.5	
Ft ³ /s	25	15	8.1	3.7	1.9	0.8	0.4	0.1	

WABASH RIVER BASIN

03343000 WABASH RIVER AT VINCENNES, IN

LOCATION (revised).--Lat 38°42'19", long 87°31'14", T.3 N., R.10 W., Lawrence County, IL, Hydrologic Unit 05120111, on right bank, 30 ft east of Illinois State Highway 33, 300 ft upstream from Kelso Creek, 570 ft downstream from U.S. Highway 50 bridge, 5.1 miles downstream from Maria Creek, 7.5 miles upstream from Embarras River and at mile 129.6.

DRAINAGE AREA.--13,706 mi².

PERIOD OF RECORD.--October 1929 to current year.

AVERAGE DISCHARGE.--50 years, 11,790 ft³/s, 11.68 in./yr.

MINIMUM DAILY DISCHARGE.--770 ft³/s, Aug. 4, 5, 1934.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	1,850	1,880	2,000	2,050	2,270	2,610	3,390	4,370
5	1,340	1,360	1,400	1,470	1,640	1,810	2,240	2,800
10	1,130	1,150	1,180	1,230	1,380	1,510	1,810	2,220
20	984	1,000	1,020	1,070	1,200	1,310	1,530	1,840
50	840	853	864	907	1,030	1,120	1,260	1,500

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	75,400	66,300	64,600	52,400	38,300	28,800	18,200	12,400	8,970

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	6,790	5,090	3,810	2,890	2,100	1,690	1,440	1,290	1,150

WHITE RIVER BASIN

03347000 WHITE RIVER AT MUNCIE, IN

LOCATION.--Lat 40°12'15", long 85°23'14", in SE¼NW¼ Hackley Reserve, Delaware County, Hydrologic Unit 05120201, on right bank 200 ft downstream from Walnut Street bridge in Muncie, 6 miles upstream from Bell Creek, and at mile 315.8.

DRAINAGE AREA.--241 mi².

PERIOD OF RECORD.--November 1930 to current year.

REMARKS.--Natural flow affected by regulation of Prairie Creek Reservoir and by diversion of municipal water supply by Muncie Water Works Co. Records of diversion available since October 1937.

AVERAGE DISCHARGE.--48 years (1931 to current year), 207 ft³/s, 11.65 in./yr.

MINIMUM DAILY DISCHARGE.--1.1 ft³/s, Sept. 16, 17, 23-25, 1954, and Oct. 10, 1956.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	4.8	5.5	6.6	8.4	11	16	27	42
5	2.3	2.6	3.2	4.0	5.4	8.0	13	21
10	1.5	1.8	2.2	2.6	3.7	5.8	9.4	15
20	1.1	1.3	1.6	1.8	2.6	4.4	7.0	11
50	.8	.9	1.0	1.2	1.8	3.2	5.0	8.1

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	3,310	2,540	2,410	1,670	856	461	233	145	96	64	43	28

Percent	80	90	95	98	99	99.5
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Ft ³ /s	18	10	5.7	3.7	2.8	2
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WABASH RIVER BASIN

03347500 BUCK CREEK NEAR MUNCIE, IN

LOCATION.--Lat 40°08'05", long 85°22'25", in SW¼SE¼ sec.34, T.20 N., R.10 E., Delaware County, Hydrologic Unit 05120201, on left bank at downstream side of bridge on County Road 400 South, 1.0 mile upstream from Muncie Water Works Co. pumping station, 4.2 miles southeast of courthouse in Muncie, and at mile 10.6.

DRAINAGE AREA.--35.5 mi².

PERIOD OF RECORD.--October 1954 to current year.

AVERAGE DISCHARGE.--25 years, 35.2 ft³/s, 13.46 in./yr.

MINIMUM DAILY DISCHARGE.--4.7 ft³/s, Jan. 17, 1977.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	9.7	9.9	10	11	12	13	15	18
5	7	7.2	7.8	8.4	9	10	11	13
10	5.9	6.2	6.7	7.3	7.8	8.7	9.6	11
20	5.1	5.4	6	6.6	7	7.8	8.4	9.2
50	4.4	4.6	5.2	5.8	6.2	6.8	7.2	7.8

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time													
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70	
Ft ³ /s	333	260	249	177	99	62	41	32	26	22	19	16	

Percent	80	90	95	98	99	99.5	
Ft ³ /s	14	11	9.3	8.1	7.6	6.8	

WABASH RIVER BASIN

03348000 WHITE RIVER AT ANDERSON, IN

LOCATION.--Lat 40°06'20", long 85°40'16", in NW¼NW¼ sec.18, T.19 N., R.8 E., Madison County, Hydrologic Unit 05120201, on downstream side of Twelfth Street bridge, 250 ft upstream from municipal water-supply plant in Anderson, 1 mile upstream from Killbuck Creek, and at mile 293.3.

DRAINAGE AREA.--406 mi².

PERIOD OF RECORD.--October 1931 to current year.

REMARKS.--Prior to Sept. 15, 1973, the City of Anderson diverted water for its municipal supply above the gage then in use.

AVERAGE DISCHARGE.--49 years, 377 ft³/s, 12.61 in./yr.

MINIMUM DAILY DISCHARGE.--9.1 ft³/s, Sept. 24, 1940.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	50	51	53	58	64	74	95	120
5	30	32	34	37	43	48	62	77
10	22	24	26	29	34	38	49	61
20	17	19	21	23	28	31	40	51
50	12	14	16	17	22	24	33	41

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50
Ft ³ /s	4,830	3,830	3,660	2,520	1,400	797	433	296	214	163

Percent	60	70	80	90	95	98	99	99.5
Ft ³ /s	127	101	78	58	46	35	27	22

WABASH RIVER BASIN

03348020 KILLBUCK CREEK NEAR GASTON, IN

LOCATION.--Lat 40°15'45", long 85°30'53", in SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.16, T.21 N., R.9 E., Delaware County, Hydrologic Unit 05120201, on right bank 30 ft upstream from bridge on County Road 500 North, 15 ft east of County Road 675 West, 3.6 miles southwest of Gaston, and at mile 15.6.

DRAINAGE AREA.--25.5 mi².

PERIOD OF RECORD.--June 1968 to current year.

AVERAGE DISCHARGE.--11 years, 24.2 ft³/s, 12.89 in./yr.

MINIMUM DAILY DISCHARGE.--0.76 ft³/s, Jan. 19, 1977.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	2.9	3.0	3.1	3.3	3.7	4.5	5.8	9.0
5	1.7	1.7	1.8	1.9	2.2	2.6	3.2	4.6
10	.8	.9	1	1.1	1.2	1.3	2.2	2.3
20	---	---	---	---	---	---	---	---
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	292	250	238	171	90	56	31	21	15	11	7.4	5.6

Percent	80	90	95	98	99	99.5
Ft ³ /s	4.2	3.0	1.9	1.4	1.0	0.9

WABASH RIVER BASIN

03348350 PIPE CREEK AT FRANKTON, IN

LOCATION.--Lat 40°13'38", long 85°45'58", in SE¼NE¼ sec.31, T.21 N., R.7 E., Madison County, Hydrologic Unit 05120201, on right bank 20 ft downstream from bridge on County Road 500 West, at northeast edge of Frankton.

DRAINAGE AREA.--113 mi².

PERIOD OF RECORD.--May 1968 to current year.

AVERAGE DISCHARGE.--11 years, 105 ft³/s, 12.62 in./yr.

MINIMUM DAILY DISCHARGE.--4.2 ft³/s, Oct. 6, 7, 1970.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	6.0	6.6	7.8	8.9	10	14	22	34
5	4.1	4.3	5.6	6.4	7.5	9.2	13	19
10	1.5	1.5	4.7	5.5	6.3	7.6	10	13
20	---	---	---	---	---	---	---	---
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	1,380	1,140	1,060	793	465	249	128	79	55	38	28	20

Percent	80	90	95	98	99	99.5
Ft ³ /s	15	10	8.0	6.2	5.5	5.0

WABASH RIVER BASIN

03348500 WHITE RIVER NEAR NOBLESVILLE, IN

LOCATION.--Lat 40°07'46", long 85°57'46", in NE¼NE¼ sec.4, T.19 N., R.5 E., Hamilton County, Hydrologic Unit 05120201, near cent of span on downstream side of highway bridge, 1 mile west of Strawtown, 7 miles northeast of Noblesville, 9.5 miles upstream from Cicero Creek, and at mile 277.4.

DRAINAGE AREA.--828 mi².

PERIOD OF RECORD.--WATER DISCHARGE: May 1915 to September 1926, October 1928 to September 1974 (discontinued).

AVERAGE DISCHARGE.--57 years, 794 ft³/s, 13.02 in./yr.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	97	100	105	110	121	137	187	241
5	71	74	77	81	89	97	124	153
10	60	63	66	69	76	83	101	123
20	52	55	57	60	67	74	87	103
50	45	47	49	51	58	66	74	85

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50
Ft ³ /s	9,550	7,890	7,560	5,270	2,980	1,820	993	659	470	350

Percent	60	70	80	90	95	98	99	99.5
Ft ³ /s	255	191	147	114	94	77	67	59

WABASH RIVER BASIN

03349000 WHITE RIVER AT NOBLESVILLE, IN

LOCATION.--Lat 40°02' 50", long 86°01' 00", in SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.36, T.19 N., R.4 E., Hamilton County, Hydrologic Unit 05120201, on right bank at downstream side of Logan Street bridge in Noblesville, 1.5 miles upstream from Cicero Creek, 5.1 miles downstream from dam at Clare, and at mile 263.5.

DRAINAGE AREA.--858 mi².

PERIOD OF RECORD.--October 1946 to current year.

AVERAGE DISCHARGE.--33 years, 832 ft³/s, 13.17 in./yr.

MINIMUM DAILY DISCHARGE.--44 ft³/s, Sept. 28, 1954.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	99	110	117	127	141	161	212	272
5	74	84	88	95	105	118	142	174
10	64	73	77	83	91	103	119	141
20	58	66	70	74	81	93	103	119
50	52	59	63	66	71	84	90	100

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	9,270	7,470	7,160	5,270	3,160	1,870	1,050	708	500

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	366	277	216	166	129	108	95	85	78

WABASH RIVER BASIN

03349500 CICERO CREEK NEAR ARCADIA, IN

LOCATION.--Lat 40°10' 34", long 85°59' 43", in NW¼NW¼ sec.20, T.20 N., R.5 E., Hamilton County, Hydrologic Unit 05120201, on left bank at downstream side of bridge, 1.5 miles east of Arcadia, 12.5 miles upstream from Morse Dam, and at mile 17.2.

DRAINAGE AREA.--131 mi².

PERIOD OF RECORD.--October 1954 to September 1976.

AVERAGE DISCHARGE.--22 years, 122 ft³/s, 12.65 in./yr.

MINIMUM DAILY DISCHARGE.--0.5 cfs, Oct. 10, 1956.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	2.1	2.3	2.6	3.0	4	6.9	16	30
5	1.1	1.3	1.5	1.7	2	3	5.6	13
10	.8	.9	1.1	1.2	1.5	2	3.2	7.9
20	.6	.7	.9	1.0	1.2	1.4	2.1	5.3
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time											
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	
Ft ³ /s	1,590	1,330	1,280	903	548	309	153	94	61	40	

Percent	60	70	80	90	95	98	99	99.5	
Ft ³ /s	25	15	7.7	3.4	2.1	1.6	1.2	1.0	

WABASH RIVER BASIN

03349700 LITTLE CICERO CREEK NEAR ARCADIA, IN

LOCATION.--Lat 40°10' 32", long 86°02' 45", in NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.23, T.20 N., R.4 E., Hamilton County, Hydrologic Unit 05120201, on left bank on downstream side of county road bridge, 0.5 mile downstream from Taylor Creek, 1.3 miles west of Arcadia, 3.9 miles upstream from mouth, and 9.3 miles northwest of Noblesville.

DRAINAGE AREA.--40.4 mi².

PERIOD OF RECORD.--October 1955 to September 1976.

AVERAGE DISCHARGE.--21 years, 39.7 ft³/s, 13.34 in./yr.

MINIMUM DAILY DISCHARGE.--No flow at times during 1957, 1963, 1964, 1966-68.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.3	0.3	0.4	0.6	1.0	1.8	3.6	8.2
5	.0	.0	.0	.1	.1	.2	1.0	3.2
10	.0	.0	.0	.0	.0	.0	.5	1.9
20	.0	.0	.0	.0	.0	.0	.2	1.2
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	666	489	465	320	172	97	50	28	18	11	6.8	3.5

Percent	80	90	95	98	99	99.5
Ft ³ /s	1.8	0.8	0.3	0.0	0.0	0.0

WABASH RIVER BASIN

03350100 HINKLE CREEK NEAR CICERO, IN

LOCATION.--Lat 40°06'05", long 86°05'10", in NW¼NW¼ sec.16, T.19 N., R.4 E., Hamilton County, Hydrologic Unit 05120201, on left bank on downstream side of bridge on county road, 3.7 miles above mouth, 4.0 miles upstream from Morse Reservoir Dam, 4.2 miles southwest of Cicero, and 5.7 miles northwest of Noblesville.

DRAINAGE AREA.--18.5 mi².

PERIOD OF RECORD.--October 1955 to September 1976.

AVERAGE DISCHARGE.--21 years, 19.6 ft³/s, 14.39 in./yr.

MINIMUM DAILY DISCHARGE.---0.07 ft³/s Sept. 8, 1967.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.5	0.5	0.6	0.7	0.9	1.3	2.3	4.2
5	.2	.2	.3	.3	.4	.6	1.1	2
10	.1	.2	.2	.2	.3	.4	.7	1.4
20	.1	.1	.1	.2	.2	.3	.5	1.1
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	364	268	249	146	74	43	21	14	9.5	6.4	4.1	2.5

Percent	80	90	95	98	99	99.5
Ft ³ /s	1.5	0.9	0.6	0.4	0.2	0.2

WABASH RIVER BASIN

03350500 CICERO CREEK AT NOBLESVILLE, IN

LOCATION.--Lat 40°03' 20", long 86°02' 30", in NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec.35, T.19 N., R.4 E., Hamilton County, Hydrologic Unit 05120201, on right bank 150 ft downstream from bridge on State Highway 38, 1.0 mile northwest of Noblesville, 1.9 miles downstream from Hinkle Creek, and 3.2 miles upstream from mouth.

DRAINAGE AREA.--216 mi².

PERIOD OF RECORD.--July 1950 to current year.

REMARKS.--Flow regulated by Morse Reservoir.

AVERAGE DISCHARGE.--29 years, 194 ft³/s, 12.20 in./yr.

MINIMUM DAILY DISCHARGE.--0.25 ft³/s, Oct. 21, 1977.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	1.5	1.6	1.9	2.7	4.7	11	25	46
5	.9	1.1	1.2	1.4	1.9	4.0	9.3	19
10	.6	.9	1.0	1.1	1.2	2.4	5.3	12
20	.5	.8	.9	.9	.9	1.5	3.2	7.8
50	.4	.8	.8	.8	.9	1.0	1.8	4.8

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50
Ft ³ /s	2,760	2,140	2,040	1,470	864	468	237	148	101	68

Percent	60	70	80	90	95	98	99	99.5
Ft ³ /s	42	24	11	2.6	1.9	1.3	1.1	1.0

WABASH RIVER BASIN

03350700 STONY CREEK NEAR NOBLESVILLE, IN

LOCATION.--Lat 40°01'44", long 85°59'42", in NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.7, T.18 N., R.5 E., Hamilton County, Hydrologic Unit 05120201, on left bank at downstream side of county road bridge, 1.4 miles upstream from mouth, and 1.4 miles south-east of Noblesville.

DRAINAGE AREA.--50.8 mi².

PERIOD OF RECORD.--July 1967 to current year.

AVERAGE DISCHARGE.--12 years, 48.0 ft³/s, 12.83 in./yr.

MINIMUM DAILY DISCHARGE.--2.3 ft³/s, Aug. 4, 5, 1977.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	5.8	6.0	6.2	6.6	7.0	8.1	11	16
5	4.1	4.3	4.0	4.1	4.4	5.5	6.7	9.2
10	2.7	2.8	2.8	2.8	3.0	4.5	5.2	6.9
20	2.1	2.2	2.2	2.2	2.3	3.8	4.2	5.4
50	1.4	1.5	1.4	1.4	1.5	3.2	3.4	4.1

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	560	439	416	281	170	109	63	43	30	21	15	11

Percent	80	90	95	98	99	99.5
Ft ³ /s	8.2	6.3	5.3	4.0	3.5	3.0

WABASH RIVER BASIN

03351000 WHITE RIVER NEAR NORA, IN

LOCATION.--Lat 39°54' 35", long 86°06' 20", in NW¼NW¼ sec.20, T.17 N., R.4 E., Marion County, Hydrologic Unit 05120201, on downstream side of center pier of bridge on 82nd Street, 2 miles east of Nora, 14 miles upstream from Fall Creek, and at mile 247.9.

DRAINAGE AREA.--1,219 mi².

PERIOD OF RECORD.--October 1929 to current year.

REMARKS.--Flow slightly regulated by Morse Reservoir.

AVERAGE DISCHARGE.--50 years, 1,091 ft³/s, 12.15 in./yr.

MINIMUM DAILY DISCHARGE.--49 ft³/s, Sept. 17, 1941.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	129	135	143	152	167	191	252	323
5	90	95	101	106	117	130	163	202
10	74	79	83	88	98	108	133	161
20	63	68	71	74	84	94	114	135
50	52	56	59	61	71	81	97	112

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time								
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30
Ft ³ /s	12,800	10,300	9,870	7,150	4,130	2,470	1,360	911

Percent	40	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	641	461	344	254	195	150	127	102	87	76

WABASH RIVER BASIN

03351310 CROOKED CREEK AT INDIANAPOLIS, IN

LOCATION.--Lat 39°49'47", long 86°12'22", in NW¼SE¼ sec.16, T.16 N., R.3 E., Marion County, Hydrologic Unit 05120201, on left bank 150 ft downstream from 42nd Street bridge in Indianapolis, and at mile 1.6.

DRAINAGE AREA.--17.9 mi².

PERIOD OF RECORD.--June 1969 to current year.

AVERAGE DISCHARGE.--10 years, 19.5 ft³/s, 14.79 in./yr.

MINIMUM DAILY DISCHARGE.--0.47 ft³/s, Dec. 2, 1971.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	1.5	1.6	1.7	1.9	2.8	3.5	5.4	7.5
5	.9	1	1.1	1.2	1.6	2	2.3	3.1
10	.5	.6	.6	.6	.6	.9	1.1	2
20	---	---	---	---	---	---	---	---
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	342	214	203	125	67	40	23	15	9.8	7.0	5.2	4.0

Percent	80	90	95	98	99	99.5
Ft ³ /s	2.8	1.9	1.4	1.1	0.9	0.8

WABASH RIVER BASIN

03351400 SUGAR CREEK NEAR MIDDLETOWN, IN

LOCATION.--Lat 40°02' 27", long 85°31' 30", in NW¼SE¼ sec.5, T.18 N., R.9 E., Henry County, Hydrologic Unit 05120201, on right bank 90 ft upstream from bridge on County Road 750 North, 1 mile southeast of Middletown.

DRAINAGE AREA.--5.80 mi².

PERIOD OF RECORD.--October 1968 to current year.

AVERAGE DISCHARGE.--11 years, 6.23 ft³/s, 14.59 in./yr.

MINIMUM DAILY DISCHARGE.--0.02 ft³/s, Aug. 30 to Sept. 2, 1972.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.1	0.1	0.1	0.1	0.2	0.3	0.6	1.3
5	.0	.0	.0	.1	.1	.1	.2	.4
10	.0	.0	.0	.0	.1	.1	.1	.2
20	.0	.0	.0	.0	.0	.1	.1	.1
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time													
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70	
Ft ³ /s	107	86	82	54	27	14	6.2	3.5	2.1	1.2	0.7	0.4	

Percent	80	90	95	98	99	99.5	
Ft ³ /s	0.2	0.1	0.1	0.1	0.0	0.0	

WABASH RIVER BASIN

03351500 FALL CREEK NEAR FORTVILLE, IN

LOCATION.--Lat 39°57'15", long 85°52'05", in NW¼NE¼ sec.5, T.17 N., R.6 E., Hamilton County, Hydrologic Unit 05120201, on right bank 100 ft downstream from bridge on State Highway 238, 0.2 mile downstream from Lick Creek, 2 miles northwest of Fortville, and at mile 26.1.

DRAINAGE AREA.--169 mi².

PERIOD OF RECORD.--July 1941 to current year.

AVERAGE DISCHARGE.--38 years, 166 ft³/s, 13.35 in./yr.

MINIMUM DAILY DISCHARGE.--5.0 ft³/s, Sept. 23, 24, 1941.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	24	25	26	28	30	34	44	58
5	17	18	19	20	22	25	31	39
10	14	15	15	16	18	21	26	32
20	12	13	13	14	16	19	24	28
50	10	11	11	12	13	17	21	24

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time											
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	
Ft ³ /s	1,990	1,500	1,420	996	574	342	201	144	106	81	

Percent	60	70	80	90	95	98	99	99.5
Ft ³ /s	63	49	38	30	25	20	18	15

WABASH RIVER BASIN

03352200 MUD CREEK AT INDIANAPOLIS, IN

LOCATION.--Lat 39°53'30", long 86°00'57", in SE¼NE¼ sec.25, T.17 N., R.4 E., Marion County, Hydrologic Unit 05120201, on left bank at downstream side of Lantern Road bridge at Indianapolis, 0.2 mile northeast of intersection of 75th Street and Sargent Road, 1.5 miles upstream from mouth, and 2.0 miles southeast of Castleton.

DRAINAGE AREA.--42.4 mi².

PERIOD OF RECORD.--May 1958 to September 1976.

AVERAGE DISCHARGE.--18 years, 37.2 ft³/s, 11.92 in./yr.

MINIMUM DAILY DISCHARGE.--0.2 cfs several days in September 1963, 1966.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	1.7	1.9	2.0	2.1	2.4	3	4.6	7.3
5	.7	.8	.8	.9	1.1	1.5	2.3	3.8
10	.4	.4	.5	.6	.7	1.1	1.7	2.7
20	.2	.3	.3	.4	.5	.8	1.3	2.1
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft³/s, equaled or exceeded for
the indicated percent of total time

Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	550	441	421	274	153	89	45	28	19	13	8.8	5.9

Percent	80	90	95	98	99	99.5
Ft ³ /s	4.0	2.4	1.6	0.9	0.6	0.4

WABASH RIVER BASIN

03352500 FALL CREEK AT MILLERSVILLE, IN

LOCATION.--Lat 39°51'07", long 86°05'15", in NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.9, T.16 N., R.4 E., Marion County, Hydrologic Unit 05120201, on right bank at downstream side of Emerson Way bridge at Millersville, and 9.2 miles upstream from mouth.

DRAINAGE AREA.--298 mi².

PERIOD OF RECORD.--October 1929 to current year. Monthly discharges only for some periods, published in WSP 1305. Twice-daily chain gage readings at former site from July 1925 to September 1926 are available in the district office.

REMARKS.--Flow regulated by Geist Reservoir.

AVERAGE DISCHARGE.--50 years, 282 ft³/s, 12.85 in./yr.

MINIMUM DAILY DISCHARGE.--7.8 ft³/s, Sept. 28, 1941.

Magnitude and frequency of annual low flow before regulation (1930-1941)

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	26	26	27	29	32	35	48	68
5	18	18	19	20	22	23	31	44
10	15	15	16	17	18	16	25	34
20	13	13	14	14	16	17	20	27
50	11	11	12	12	13	15	17	21

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50
Ft ³ /s	3,340	2,360	2,460	1,770	930	515	271	178	119	83

Percent	60	70	80	90	95	98	99	99.5
Ft ³ /s	61	49	41	30	23	18	15	12

WABASH RIVER BASIN

03352500 FALL CREEK AT MILLERSVILLE, IN.--Continued

Magnitude and frequency of annual low flow regulated 1942-1978

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	48	49	52	55	59	65	77	103
5	40	4	43	45	48	52	56	68
10	37	37	39	41	43	47	49	56
20	34	34	36	38	40	43	45	49
50	32	32	32	35	37	40	42	42

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50
Ft ³ /s	3,460	2,630	2,520	1,860	1,090	670	370	246	173	124

Percent	60	70	80	90	95	98	99	99.5
Ft ³ /s	91	74	65	52	45	38	35	31

WABASH RIVER BASIN

03353000 WHITE RIVER AT INDIANAPOLIS, IN

LOCATION.--Lat 39°45' 05", long 86°10' 30", in NW¼NW¼ sec.14, T.15 N., R.3 E., Marion County, Hydrologic Unit 05120201, on downstream side of second pier from right bank of Morris Street bridge in Indianapolis, 2.6 miles downstream from Fall Creek, and at mile 230.3.

DRAINAGE AREA.--1,635 mi².

PERIOD OF RECORD.--March 1904 to July 1906 and April 1930 to current year.

REMARKS.--Natural flow affected by regulation of Morse Reservoir and Geist Reservoir, and by diversion of municipal water supply by the Indianapolis Water Co.

AVERAGE DISCHARGE.--50 years (1904-5, 1930 to current year), 1,388 ft³/s, 11.53 in./yr.

MINIMUM DAILY DISCHARGE.--8.0 ft³/s, Sept. 29, 1941.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	116	125	135	150	166	203	278	373
5	63	69	77	85	98	120	162	216
10	42	46	53	59	72	90	123	163
20	28	32	38	42	55	70	99	130
50	17	19	24	27	40	53	77	102

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time								
0.5	0.9	1.0	2.0	5.0	10	20	30	
16,800	13,400	12,700	9,270	5,480	3,260	1,790	1,180	
40	50	60	70	80	90	95	98	99 99.5
835	588	414	286	208	142	106	74	59 49

WABASH RIVER BASIN

03353120 PLEASANT RUN AT ARLINGTON AVENUE AT INDIANAPOLIS, IN

LOCATION.--Lat 39°46'33", long 86°03'50", in SW¼NW¼ sec.2, T.15 N., R.4 E., Marion County, Hydrologic Unit 05120201, on right bank 46 ft upstream from Arlington Avenue bridge in Indianapolis, 0.5 mile downstream from small left-bank tributary, and at mile 7.9.

DRAINAGE AREA.--7.58 mi².

PERIOD OF RECORD.--December 1959 to current year.

AVERAGE DISCHARGE.--19 years (1960 to current year), 7.72 ft³/s, 13.83 in./yr.

MINIMUM DAILY DISCHARGE.--No flow at times in 1960-62.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.2	0.2	0.3	0.4	0.7	1.2	2.3	3.1
5	.0	.0	.0	.2	.4	.7	1.2	1.8
10	.0	.0	.0	.1	.3	.6	.9	1.4
20	.0	.0	.0	.0	.3	.4	.6	1.1
50	.0	.0	.0	.0	.2	.3	.4	.8

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	169	125	117	69	32	15	6.2	3.6	2.4	1.7	1.3	1.0

Percent	80	90	95	98	99	99.5
Ft ³ /s	0.7	0.4	0.3	0.1	0.1	0.0

WABASH RIVER BASIN

03353160 PLEASANT RUN AT BROOKVILLE ROAD AT INDIANAPOLIS, IN

LOCATION.--Lat 39°45'52", long 86°05'43", in NE¼NW¼ sec.9, T.15 N., R.4 E., Marion County, Hydrologic Unit 05120201, on right bank at downstream side of Brookville Road bridge in Indianapolis, 2.2 miles downstream from Arlington Avenue, and at mile 5.7.

DRAINAGE AREA.--10.1 mi².

PERIOD OF RECORD.--November 1959 to current year.

AVERAGE DISCHARGE.--19 years (1960 to current year), 10.18 ft³/s, 13.69 in/yr.

MINIMUM DAILY DISCHARGE.--No flow at times in 1960-68.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.0	0.0	0.0	0.2	0.9	2.1	3.0	4.1
5	.0	.0	.0	.0	.3	.7	1.5	2.3
10	.0	.0	.0	.0	.1	.3	1.0	1.7
20	.0	.0	.0	.0	.0	.0	.7	1.3
50	.0	.0	.0	.0	.0	.0	.5	1.0

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	231	164	155	94	41	20	8.2	5.0	3.4	2.4	1.7	1.2

Percent	80	90	95	98	99	99.5
Ft ³ /s	0.8	0.3	0.0	0.0	0.0	0.0

WABASH RIVER BASIN

03353180 BEAN CREEK AT INDIANAPOLIS, IN

LOCATION.--Lat 39°43'45", long 86°07'14", in NW¼SW¼ sec.20, T.15 N., R.4 E., Marion County, Hydrologic Unit 05120201, on left bank 80 ft upstream from Keystone Avenue bridge and west edge of Sarah Shank Golf Course in Indianapolis, and at mile 1.8.

DRAINAGE AREA.--4.40 mi².

PERIOD OF RECORD.--October 1970 to current year.

AVERAGE DISCHARGE.--10 years, 5.53 ft³/s, 17.07 in./yr.

MINIMUM DAILY DISCHARGE.--0.54 ft³/s, Jan. 18, 1977.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.9	1	1.2	1.3	1.7	2.1	2.8	3.2
5	.8	.8	.9	1.0	1.2	1.6	2.2	2.5
10	.7	.7	.8	.8	1.0	1.3	1.9	2.2
20	.6	.6	.6	.7	.8	1.1	1.6	2
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	56	47	46	31	19	12	6.7	4.6	3.6	2.9	2.5	2.1

Percent	80	90	95	98	99	99.5
Ft ³ /s	1.8	1.5	1.2	0.9	0.8	0.7

WABASH RIVER BASIN

03353200 EAGLE CREEK AT ZIONSVILLE, IN

LOCATION.--Lat 39°56'56", long 86°15'22", in SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.1, T.17 N., R.2 E., Boone County, Hydrologic Unit 05120201, on downstream side of second pier from right bank of bridge on State Highway 334 at Zionsville, 200 ft upstream from Long Branch, and at mile 24.7.

DRAINAGE AREA.--103 mi².

PERIOD OF RECORD.--October 1957 to current year.

AVERAGE DISCHARGE.--22 years, 98.5 ft³/s, 12.99 in./yr.

MINIMUM DAILY DISCHARGE.--No flow at times during 1959, 1963-68, 1970, 1971.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.5	0.5	0.6	0.8	1.46	2.7	7.3	15
5	.0	.0	.0	.1	.1	.5	1.3	5.5
10	.0	.0	.0	.0	.0	.1	.5	3.2
20	.0	.0	.0	.0	.0	.0	.2	2.0
50	.0	.0	.0	.0	.0	.0	.0	1.2

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time													
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70	
Ft ³ /s	1,970	1,410	1,300	788	386	217	108	65	42	27	17	8.0	

Percent	80	90	95	98	99	99.5	
Ft ³ /s	3.5	1.3	0.5	0.0	0.0	0.0	

WABASH RIVER BASIN

03353500 EAGLE CREEK AT INDIANAPOLIS, IN

LOCATION.--Lat 39°46'33", long 86°15'01", in NW¼NW¼ sec.6, T.15 N., R.3 E., Marion County, Hydrologic Unit 05120201, on right bank at downstream side of bridge on Lynhurst Drive, approximately 600 ft south of intersection of West 10th Street and Lynhurst Drive, 0.5 mile downstream from West 10th Street bridge, 1.0 mile upstream from Vermont Street bridge, 3.0 miles up-stream from Little Eagle Creek, and 7.1 miles from mouth.

DRAINAGE AREA.--174 mi².

PERIOD OF RECORD.--November 1938 to current year.

REMARKS.--Flow regulated since November 1969 by Eagle Creek Reservoir, 4.7 miles upstream.

AVERAGE DISCHARGE.--40 years (1939 to current year), 156 ft³/s, 12.18 in./yr.

MINIMUM DAILY DISCHARGE.--No flow for several days in August 1941.

Magnitude and frequency of annual low flow before regulation (1940-1968)

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	2.8	3.0	4.9	4.9	5.4	7.1	12	24
5	1.4	1.6	1.4	1.6	1.9	2.5	4.8	9.2
10	1.0	1.1	.5	.8	1.0	1.4	3.0	5.7
20	.7	.7	.2	.4	.5	.8	2.1	3.8
50	.0	.0	.0	.1	.3	.5	1.4	2.4

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	2,940	1,990	1,880	1,200	631	346	176	111	73	47	29	17

Percent	80	90	95	98	99	99.5
Ft ³ /s	8.5	4.3	2.8	1.8	1.3	0.5

WABASH RIVER BASIN

03353500 EAGLE CREEK AT INDIANAPOLIS, IN--Continued

Magnitude and frequency of annual low flow
after regulation (1972-1981)

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	50	120	183
2	8.8	10	11	12	14	16	31	48
5	6.3	7.0	7.4	8.9	9.5	10	14	25
10	5.3	5.8	6.0	7.4	7.8	8.4	9.6	18
20	4.7	4.9	5.0	6.3	6.6	7.2	6.8	14
50	---	----	----	----	----	----	----	--

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	009	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	2,770	2,130	2,030	1,420	774	460	235	144	85	41	30	23

Percent	80	90	95	98	99	99.5
Ft ³ /s	18	13	11	8.5	7.9	7.0

WABASH RIVER BASIN

03353600 LITTLE EAGLE CREEK AT SPEEDWAY, IN

LOCATION.--Lat 39°47'15", long 86°13'41", in NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.32, T.16 N., R.3 E., Marion County, Hydrologic Unit 05120201, on right bank at downstream side of 16th Street bridge in Speedway, 0.6 mile upstream from Dry Run, and 2.3 miles upstream from mouth.

DRAINAGE AREA.--23.9 mi² including 5.57 mi² from Dry Run basin. Since June 1964 part of the flow from the 5.57 mi² of Dry Run basin has been diverted into Little Eagle Creek above gage.

PERIOD OF RECORD.--October 1959 to current year.

AVERAGE DISCHARGE.--15 years (water years 1965 to current year) 20.5 ft³/s, 11.65 in./yr.

MINIMUM DAILY DISCHARGE.--No flow at times in 1960-64, 1966.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.4	0.5	0.6	0.7	1.2	1.9	3.4	4.6
5	.0	.0	.1	.2	.5	.7	1.4	2.0
10	.0	.0	.0	.1	.3	.4	.8	1.3
20	.0	.0	.0	.0	.2	.3	.5	.9
50	.0	.0	.0	.0	.1	.1	.3	.6

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time													
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70	
Ft ³ /s	383	258	232	150	71	40	21	13	8.3	5.7	3.9	2.6	

Percent	80	90	95	98	99	99.5	
Ft ³ /s	1.5	0.7	0.4	0.1	0.1	0.0	

WABASH RIVER BASIN

03353620 LICK CREEK AT INDIANAPOLIS, IN

LOCATION.--Lat 39°42'21", long 86°06'13", in NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.32, T.15 N., R.4 E., Marion County, Hydrologic Unit 05120201, on left bank at upstream side of Sherman Drive bridge in Indianapolis, and at mile 6.2.

DRAINAGE AREA.--15.6 mi².

PERIOD OF RECORD.--October 1970 to current year.

AVERAGE DISCHARGE.--9 years, 20.3 ft³/s, 17.67 in./yr.

MINIMUM DAILY DISCHARGE.--0.49 ft³/s, Oct. 9, 1978.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	---	---	2.5	---	---	---	---	---
5	---	---	---	---	---	---	---	---
10	---	---	.9	---	---	---	---	---
20	---	---	---	---	---	---	---	---
50	---	---	---	---	---	---	---	---

WABASH RIVER BASIN

03353700 WEST FORK WHITE LICK CREEK AT DANVILLE, IN

LOCATION.--Lat 39°45'36", long 86°30'47", in NW¹/₄NE¹/₄ sec.10, T.15 N., R.1 W., Hendricks County, Hydrologic Unit 05120201, on downstream side of bridge on U.S. Highway 36, 0.1 mile east of city limits of Danville, 0.5 mile upstream from small left-bank tributary and 7 miles west of Avon.

DRAINAGE AREA.--28.8 mi².

PERIOD OF RECORD.--May 1958 to current year.

REMARKS.--Low flow affected by releases from Danville Filtration Plant.

AVERAGE DISCHARGE.--21 years, 29.6 ft³/s, 13.96 in./yr.

MINIMUM DAILY DISCHARGE.--No flow at times during 1961-67, 1970, 1971, 1978.

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.0	0.0	0.1	0.2	0.3	.5	1.6	4.1
5	.0	.0	.0	.0	.0	.1	.3	1.3
10	.0	.0	.0	.0	.0	.0	.1	.7
20	.0	.0	.0	.0	.0	.0	.1	.4
50	0	.0	.0	.0	.0	.0	.0	.2

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	573	400	367	238	121	70	33	19	12	6.9	3.5	1.4

Percent	80	90	95	98	99	99.5
Ft ³ /s	0.5	0.1	0.0	0.0	0.0	0.0

WABASH RIVER BASIN

03353800 WHITE LICK CREEK AT MOORESVILLE, IN

LOCATION.--Lat 39°36'28", long 86°22'56", in NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.35, T.14 N., R.1 E., Morgan County, Hydrologic Unit 05120201, on right bank at upstream side of bridge on State Highway 42 at Mooresville, 0.9 mile downstream from McCracken Creek, 2.0 miles upstream from East Fork White Lick Creek, and at mile 11.4.

DRAINAGE AREA.--212 mi².

PERIOD OF RECORD.--August 1957 to current year.

AVERAGE DISCHARGE.--22 years, 224 ft³/s, 14.35 in./yr.

MINIMUM DAILY DISCHARGE.--2.0 ft³/s, Dec. 24, 25, 1960, Sept. 2, 1966.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	9.6	9.6	11	13	15	20	31	51
5	3.9	4.2	4.7	6.6	7.9	10	14	23
10	2.4	2.8	3.2	4.7	5.6	7.0	9.1	15
20	1.7	2.1	2.4	3.4	4.2	5.1	6.6	11
50	1.0	1.3	1.6	2.5	3.0	3.6	4.5	7.3

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	
Ft ³ /s	3,840	2,790	2,590	1,560	824	469	244	158	111	76	51	

Percent	70	80	90	95	98	99	99.5
Ft ³ /s	33	22	12	8.6	5.9	4.5	3.7

WABASH RIVER BASIN

03354000 WHITE RIVER NEAR CENTERTON, IN

LOCATION.--Lat 39°29'51", long 86°24'02", in NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.10, T.12 N., R.1 E., Morgan County, Hydrologic Unit 05120201, on right bank at upstream side of bridge on Blue Bluff Road, 0.8 mile downstream from White Lick Creek, 1 mile south of Centerton, and at mile 199.3.

DRAINAGE AREA.--2,444 mi².

PERIOD OF RECORD.--October 1930 to March 1932, October 1946 to current year.

REMARKS.--Flow regulated by upstream reservoirs.

AVERAGE DISCHARGE.--34 years (1930-31, 1946 to current year), 2.399 ft³/s, 13.33 in./yr.

MINIMUM DAILY DISCHARGE.--131 ft³/s, Nov. 15, 1930.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	327	335	349	370	412	479	618	794
5	242	251	262	280	306	351	425	519
10	207	216	227	243	264	302	358	425
20	181	190	201	217	234	268	313	363
50	155	165	176	192	206	237	272	308

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time								
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30
Ft ³ /s	24,300	20,000	19,400	14,400	8,770	5,430	3,110	2,130

Percent	40	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	1,580	1,190	885	663	492	371	313	274	252	224

WABASH RIVER BASIN

03354500 BEANBLOSSOM CREEK AT BEANBLOSSOM, IN

LOCATION.--Lat 39°15'45", long 86°14'55", in SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.31, T.10 N., R.3 E., Brown County, Hydrologic Unit 05120202, on right bank 15 ft downstream from bridge on State Highway 135, 0.3 mile south of Beanblossom, 2.7 miles upstream from North Fork Beanblossom Creek, and at mile 42.1.

DRAINAGE AREA.--14.6 mi².

PERIOD OF RECORD.--October 1951 to current year. Prior to October 1965, published as Bean Blossom Creek at Bean Blossom.

AVERAGE DISCHARGE.--28 years, 15.8 ft³/s, 14.70 in./yr.

MINIMUM DAILY DISCHARGE.--No flow for many days in most years.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.0	0.0	0.0	0.0	0.0	0.1	0.5	1.7
5	.0	.0	.0	.0	.0	.0	.1	.5
10	.0	.0	.0	.0	.0	.0	.0	.2
20	.0	.0	.0	.0	.0	.0	.0	.1
50	.0	.0	.0	.0	.0	.0	.0	.1

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	337	244	229	135	63	34	17	9.7	5.3	3.0	1.5	0.6

Percent	80	90	95	98	99	99.5
Ft ³ /s	0.2	0.0	0.0	0.0	0.0	0.0

WABASH RIVER BASIN

03355000 BEAR CREEK NEAR TREVLAC, IN

LOCATION.--Lat 39°16'40", long 86°20'45", in NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.30, T.10 N., R.2 E., Brown County, Hydrologic Unit 05120208, on left bank 15 ft west of Bear Creek Road, 100 ft upstream from Slippery Elm Shoot Road ford, 1.1 miles northwest of Trevlac and 1.3 miles upstream from mouth

DRAINAGE.--6.94 sq mi.

PERIOD OF RECORD.-- May 1952 to September 1973.

AVERAGE DISCHARGE.--21 years, 6.69 cfs, 13.09 in./yr.

MINIMUM DAILY DISCHARGE.--No flow at times most years.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.8
5	.0	.0	.0	.0	.0	.0	.1	.3
10	.0	.0	.0	.0	.0	.0	.0	.1
20	.0	.0	.0	.0	.0	.0	.0	.1
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	135	109	103	63	31	16	7.2	4.0	2.2	1.2	.5	0.2

Percent	80	90	95	98	99	99.5
Ft ³ /s	0.1	0.0	0.0	0.0	0.0	0.0

WABASH RIVER BASIN

03356000 BEANBLOSSOM CREEK AT DOLAN, IN

LOCATION.--Lat 39°14'30", long 86°29'57", in NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.2, T.9 N., R.1 W., Monroe County, Hydrologic Unit 05120202, on downstream side of pier of highway bridge at Dolan, 5.8 miles northeast of Bloomington, 8.2 miles downstream from Lake Lemon, and 21.5 miles upstream from mouth.

DRAINAGE AREA.--100 mi².

PERIOD OF RECORD.--April 1946 to September 1978.

REMARKS.--Flow regulated by Lake Lemon 8.2 miles (13.2 km) upstream.

AVERAGE DISCHARGE.--32 years, 111 ft³/s, 15.07 in./yr.

MINIMUM DAILY DISCHARGE.--No flow at times during 1946-49, 1953.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	8.7	9.0	10.0	12.0	13.6	15.0	18.0	24.0
5	3.5	4.4	5.6	7.3	9.7	11.0	12.0	16.0
10	1.8	2.7	3.0	3.5	8.0	9.3	10.0	13.0
20	1.0	1.8	2.2	2.6	5.8	5.6	8.5	11.0
50	.5	1.0	1.3	1.8	3.5	3.8	4.0	9.0

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time											
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	
Ft ³ /s	1,640	1,300	1,220	819	419	232	110	63	37	26	

Percent	60	70	80	90	95	98	99	99.5	
Ft ³ /s	22	19	16	13	11	6.5	4.4	3.6	

WABASH RIVER BASIN

03357000 WHITE RIVER AT SPENCER, IN

LOCATION.--Lat 39°16'49", long 86°45'42", in NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.29, T.10 N., R.3 W., Owen County, Hydrologic Unit 05120202, on right bank at downstream side of highway bridge at Spencer, 3.3 miles upstream from McBrides Creek, and at mile 165.9.

DRAINAGE AREA.--2,988 mi².

PERIOD OF RECORD.--July 1925 to September 1971.

AVERAGE DISCHARGE.--46 years, 2,961 ft³/s, (unadjusted) 13.32 in./yr.

REMARKS.--Natural flow of stream affected by storage reservoirs.

MINIMUM DAILY DISCHARGE.--135 cfs Sept. 30, Oct. 1, 1941.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	355	362	372	392	429	512	672	874
5	257	262	269	282	307	351	434	544
10	215	219	226	236	259	291	350	437
20	184	189	195	203	225	250	295	369
50	154	159	164	171	193	212	245	310

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time								
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30
Ft ³ /s	30,500	25,100	24,100	18,300	11,500	6,900	3,900	2,690

Percent	40	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	1,930	1,410	1,020	730	542	402	329	277	237	202

WABASH RIVER BASIN

03357350 PLUM CREEK NEAR BAINBRIDGE, IN

LOCATION.--Lat 39°45'42", long 86°43'46", in SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec.3, T.15 N., R.3 W., Putnam County, Hydrologic Unit 05120203, on right upstream wingwall of bridge on U.S. Highway 36, 0.5 mile west of Groveland, and 4.5 miles east of Bainbridge.

DRAINAGE AREA.--3.00 mi².

PERIOD OF RECORD.--July 1969 to current year.

AVERAGE DISCHARGE.--10 years, 3.89 ft³/s, 17.61 in./yr.

MINIMUM DAILY DISCHARGE.--No flow at times during 1970, 1975-77.

Magnitude and frequency of annual low flow

Recurrence interval (in years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.0	0.0	0.0	0.0	0.1	0.2	0.5	1.5
5	.0	.0	.0	.0	.0	.0	.0	.4
10	.0	.0	.0	.0	.0	.0	.0	.1
20	---	---	---	---	---	---	---	---
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	71	53	50	34	15	8.0	4.3	2.6	1.6	1.0	0.6	0.2

Percent	80	90	95	98	99	99.5
Ft ³ /s	0.1	0.0	0.0	0.0	0.0	0.0

WABASH RIVER BASIN

03357420 BIG WALNUT CREEK AT GREENCASTLE, IN

LOCATION.--Lat 39°40'01", long 86°51'57", in NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.9, T.14 N., R.4 W., Putnam County, Hydrologic Unit 05120203, on left bank, 80 ft downstream (revised) from concrete dam at the Greencastle Waterworks, 0.2 mile downstream from Snyder Branch, 0.3 mile upstream from bridge on U.S. Highway 231, 1.1 miles north of Greencastle, and at mile 21.1.

DRAINAGE AREA.--216 mi².

PERIOD OF RECORD.--October 1974 to current year.

AVERAGE DISCHARGE.--5 years, 230 ft³/s, 14.46 in./yr.

MINIMUM DAILY DISCHARGE.--3.1 ft³/s, Oct. 18, 1976.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	---	---	5.5	---	---	---	---	---
5	---	---	---	---	---	---	---	---
10	---	---	1.9	---	---	---	---	---
20	---	---	---	---	---	---	---	---
50	---	---	---	---	---	---	---	---

WABASH RIVER BASIN

03357500 BIG WALNUT CREEK NEAR REELSVILLE, IN

LOCATION.--Lat 39°32'11", long 86°58'35", in NW¼SW¼ sec.28, T.13 N., R.5 W., Putnam County, Hydrologic Unit 05120203, on left bank at downstream side of county highway bridge, 1.5 miles southwest of Reelsville, and 4.1 miles upstream from Mill Creek.

DRAINAGE AREA.--326 mi².

PERIOD OF RECORD.--July 1949 to current year. Published as Eel River near Reelsville, October 1952 to September 1956.

REMARKS.--Flow partly regulated by Soil Conservation Service control structures on tributaries to Little Walnut Creek beginning in 1971.

AVERAGE DISCHARGE.--30 years, 346 ft³/s, 14.41 in./yr.

MINIMUM DAILY DISCHARGE.--1.4 ft³/s, Sept. 8, 1954.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	15	15	16	19	22	31	53	86
5	7.1	7.5	8.2	9.5	11	15	25	40
10	4.5	4.5	5.7	6.5	7.5	9.9	16	27
20	2.0	3.0	4.1	4.6	5.4	6.9	11	19
50	.9	1.8	2.8	3.1	3.6	4.5	7.2	13

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time											
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	
Ft ³ /s	5,280	4,050	3,790	2,320	1,210	744	410	275	192	132	

Percent	60	70	80	90	95	98	99	99.5	
Ft ³ /s	90	60	38	21	13	8.5	6.0	4.7	

WABASH RIVER BASIN

03358000 MILL CREEK NEAR CATARACT, IN

LOCATION.--Lat 39°26'00", long 86°45'48", in NE¼SE¼ sec.32, T.12 N., R.3 W., Owen County, Hydrologic Unit 05120203, on right bank at downstream side of bridge on U.S. Highway 231 (revised), 3 miles east of Cataract, and at mile 17.5.

DRAINAGE AREA.--245 mi².

PERIOD OF RECORD.--July 1949 to current year.

AVERAGE DISCHARGE.--30 years, 261 ft³/s, 14.47 in./yr.

MINIMUM DAILY DISCHARGE.--0.1 ft³/s, Sept. 7, 28, 1954.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	5.9	5.9	6.6	7.6	8.9	13	27	52
5	2.1	2.2	2.6	3.1	4.2	5.7	11	21
10	1.0	1.1	1.4	1.7	2.8	3.8	6.5	13
20	.3	.4	.7	.7	2.0	2.7	4.3	8.6
50	.4	.1	.1	.1	.4	1.8	2.7	5.3

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50
Ft ³ /s	4,480	3,430	3,310	2,300	1,150	553	264	158	101	67

Percent	60	70	80	90	95	98	99	99.5
Ft ³ /s	43	25	14	7.4	5.0	3.2	2.3	1.4

WARASH RIVER BASIN

03359000 MILL CREEK NEAR MANHATTAN, IN

LOCATION.--Lat 39°29'22", long 86°55'50", in SW¼SE¼ sec.11, T.12 N., R.5 W., Putnam County, Hydrologic Unit 05120203, on left bank 200 ft downstream from Cagles Mill, 0.7 mile downstream from Cagles Mill Lake, 0.8 mile up-stream from Deer Creek, 5.8 miles south of Manhattan, and at mile 2.0.

DRAINAGE AREA.--294 mi².

PERIOD OF RECORD.--May to September 1931 (fragmentary), October 1938 to current year.

REMARKS.--Flow regulated by Cagles Mill Lake.

AVERAGE DISCHARGE.--40 years (1938 to current year), 293 ft³/s, 13.52 in./yr.

MINIMUM DAILY DISCHARGE.--No flow Aug. 7, 1953.

Magnitude and frequency of annual low flow
before regulation (1938-1953)

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	5.5	5.9	6.4	7.9	11	17	40	69
5	2.6	2.3	3.5	4.5	5.8	8.3	17	28
10	1.7	1.9	2.5	3.3	4.2	5.6	11	16
20	1.2	1.3	1.9	2.6	3.2	4.0	7.1	10
50	.8	.9	1.5	2.0	2.4	2.7	4.5	5.5

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50
Ft ³ s	4,410	3,510	3,410	2,470	1,510	745	316	197	125	77

Percent	60	70	80	90	95	98	99	99.5
Ft ³ /s	48	28	16	7.9	5.0	3.3	2.6	1.8

WABASH RIVER BASIN

03359000 MILL CREEK NEAR MANHATTAN, IN--Continued

Magnitude and frequency of annual low flow
after regulation (1955-1979)

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	2.9	3.2	3.6	4.8	7.7	14	39	66
5	1.2	1.3	1.5	1.9	2.8	4.6	15	31
10	.8	.8	1.0	1.2	1.6	2.5	8.6	21
20	.5	.6	.7	.8	1.0	1.5	5.3	15
50	.3	.4	.4	.5	.6	.8	3.0	10

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50
Ft ³ /s	2,770	2,650	2,620	2,310	1,860	1,110	373	150	117	93

Percent	60	70	80	90	95	98	99	99.5
Ft ³ /s	60	34	17	5.8	2.9	2.1	1.7	0.9

WABASH RIVER BASIN

03359500 DEER CREEK NEAR PUTNAMVILLE, IN

LOCATION.--Lat 39°34'04", long 86°52'00", in NW¼ sec.16, R.4 W., Putnam County, Hydrologic Unit 05120203, on left bank on upstream side of bridge on State Highway 243, 0.4 mile southwest of Putnamville, 0.4 mile downstream from small tributary from left and 0.8 mile downstream from Limestone Creek.

DRAINAGE AREA.--59.0 mi².

PERIOD OF RECORD.--October 1954 to September 1965.

AVERAGE DISCHARGE.--11 years, 61.4 cfs.

MINIMUM DAILY DISCHARGE.--No flow Oct. 1-10, 1954.

Magnitude and frequency of annual low flow.

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.5	0.5	0.6	0.8	1.3	3.2	7	15
5	.2	.2	.2	.3	.4	1.2	2.4	6.7
10	.1	.1	.1	.1	.2	.6	1.3	4.4
20	.1	.1	.1	.1	.1	.4	.8	3.1
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Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time													
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70	
Ft ³ /s	1,350	943	890	478	203	108	59	39	27	18	11	6.1	

Percent	80	90	95	98	99	99.5	
Ft ³ /s	3.2	1.2	0.6	0.2	0.1	0.0	

WABASH RIVER BASIN

03360000 EEL RIVER AT BOWLING GREEN, IN

LOCATION.--Lat 39°22'58", long 87°01'14", in NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.24, T.11 N., R.6 W., Clay County, Hydrologic Unit 05120203, on left bank 500 ft downstream from bridge on State Highway 46 at Bowling Green, 0.2 mile downstream from Jordan Creek, and at mile 38.4.

DRAINAGE AREA.--830 mi².

PERIOD OF RECORD.--January 1931 to current year. Prior to October 1934, published as "near Centerpoint".

REMARKS.--Flow regulated by Cagles Mill Lake.

AVERAGE DISCHARGE.--48 years, 867 ft³/s, 14.19 in./yr.

MINIMUM DAILY DISCHARGE.--11 ft³/s, Oct. 7, 8, 1954.

Magnitude and frequency of annual low flow before regulation (1932-1953)

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	37	38	40	45	55	78	141	221
5	24	24	26	28	33	43	72	115
10	19	19	20	21	26	32	49	78
20	15	15	16	17	21	25	35	55
50	12	12	12	13	16	19	24	37

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	
Ft ³ /s	11,500	9,620	9,310	6,980	3,890	2,020	1,050	652	

Percent	40	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	435	289	191	128	85	49	35	26	23	21

WABASH RIVER BASIN

03360000 EEL RIVER AT BOWLING GREEN, IN--Continued

Magnitude and frequency of annual low flow
before regulation (1955-1979)

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	37	38	42	46	58	81	147	230
5	22	22	24	26	30	40	71	114
10	16	17	18	19	21	27	47	79
20	13	13	14	14	16	20	34	58
50	9.8	10	10	10	11	14	23	41

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time								
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30
Ft ³ /s	8,170	6,490	6,160	4,470	3,010	2,440	1,510	926

Percent	40	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	574	367	230	153	101	57	38	26	22	20

WABASH RIVER BASIN

03360500 WHITE RIVER AT NEWBERRY, IN

LOCATION.--Lat 38°55'42", long 87°01'00", in NE¼NE¼ sec.25, T.6 N., R.6 W., Greene County, Hydrologic Unit 05120202, on right bank 500 ft upstream from bridge on State Highway 57 at Newberry, 2.3 miles downstream from Doans Creek, and at mile 112.7.

DRAINAGE AREA.--4,688 mi².

PERIOD OF RECORD.--September 1928 to current year. Prior to October 1948, published as West Fork White River at Newberry.

REMARKS.--Flow slightly regulated by upstream reservoirs.

AVERAGE DISCHARGE.--51 years, 4,686 ft³/s, 13.58 in./yr.

MINIMUM DAILY DISCHARGE.--200 ft³/s, Oct. 1, 1941.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	517	526	546	576	638	775	1,060	1,420
5	367	373	384	402	439	509	642	843
10	305	311	319	332	361	411	494	641
20	262	267	272	283	308	345	398	511
50	220	224	228	236	257	285	312	396

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	
Ft ³ /s	41,100	35,100	33,900	26,800	17,800	11,100	6,640	4,510	

Percent	40	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	3,110	2,220	1,590	1,150	839	572	453	375	340	289

WABASH RIVER BASIN

03361000 BIG BLUE RIVER AT CARTHAGE, IN

LOCATION.--Lat 39°44'38", long 85°34'33", in SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.18, T.15 N., R.9 E., Rush County, Hydrologic Unit 05120204, on right bank 300 ft upstream from highway bridge, 0.5 mile northwest of Carthage, 2.2 miles downstream from Three Mile Creek, and at mile 50.7.

DRAINAGE AREA.--184 mi².

PERIOD OF RECORD.--October 1950 to current year. Prior to October 1961, published as Blue River at Carthage, Ind.

AVERAGE DISCHARGE.--29 years, 197 ft³/s, 14.54 in./yr.

MINIMUM DAILY DISCHARGE.--17 ft³/s, Jan. 18, Aug. 5, 1977.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	40	41	42	44	48	52	62	80
5	28	29	30	32	35	39	46	55
10	22	23	24	26	30	34	40	46
20	18	19	21	22	26	31	36	40
50	15	16	17	19	22	27	32	34

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	
Ft ³ /s	2,180	1,700	1,600	1,100	632	389	226	166	129	

Percent	50	60	70	80	90	95	98	99	99.5	
Ft ³ /s	103	85	70	58	46	39	32	28	24	

WABASH RIVER BASIN

03361500 BIG BLUE RIVER AT SHELBYVILLE, IN

LOCATION.--Lat 39°31'45", long 85°46'55", in SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.31, T.13 N., R.7 E., Shelby County, Hydrologic Unit 05120204, on left bank 0.2 mile downstream from bridge on U.S. Highway 421 at Shelbyville, 0.6 mile downstream from Little Blue River, and at mile 23.9.

DRAINAGE AREA.--421 mi².

PERIOD OF RECORD.--September 1943 to current year. Prior to October 1961, published as Blue River at Shelbyville.

AVERAGE DISCHARGE.--36 years, 462 ft³/s, 14.90 in./yr.

MINIMUM DAILY DISCHARGE.--27 ft³/s, Jan. 18, 1977.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	57	58	60	63	71	81	108	155
5	42	43	45	47	52	58	71	93
10	36	37	39	41	44	49	58	72
20	32	33	35	37	40	43	49	73
50	29	30	32	33	35	37	42	45

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	
Ft ³ /s	5,620	4,470	4,240	2,890	1,660	991	566	390	287	

Percent	50	60	70	80	90	95	98	99	99.5	
Ft ³ /s	213	158	119	91	68	54	46	41	39	

WABASH RIVER BASIN

03361650 SUGAR CREEK AT NEW PALESTINE, IN

LOCATION.--39°42' 51", long 85°53' 08", in SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.29, T.15 N., R.6 E., Hancock County, Hydrologic Unit 05120204, on left bank 10 ft downstream from bridge on County Road 450 West, 0.5 mile south of New Palestine, 3.1 miles upstream from Little Sugar Creek, and 37.3 miles upstream from mouth.

DRAINAGE AREA.--93.9 mi².

PERIOD OF RECORD.--October 1967 to current year.

AVERAGE DISCHARGE.--12 years, 104 ft³/s, 15.04 in./yr.

MINIMUM DAILY DISCHARGE.--3.2 ft³/s, Oct. 7, 1970.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	6.8	7.1	7.9	8.9	11	13	22	38
5	4.4	4.6	5	5.7	6.8	8.3	12	21
10	3.5	3.7	3.6	4.6	5.5	6.7	8.9	15
20	2.9	3.1	3.2	3.8	4.6	5.7	7.2	11
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Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	1,080	904	867	670	394	249	131	85	60	43	31	21

Percent	80	90	95	98	99	99.5
Ft ³ /s	15	9.7	7.4	5.7	4.6	4.1

WABASH RIVER BASIN

03361850 BUCK CREEK AT ACTON, IN

LOCATION.--Lat 39°39'25", long 85°57'27", in NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec.15, T.14 N., R.5 E., Marion County, Hydrologic Unit 05120204, on left bank 30 ft downstream from McGregor Road bridge, 0.5 mile east of Acton, and 4.1 miles upstream from mouth.

DRAINAGE AREA.--78.8 mi².

PERIOD OF RECORD.--October 1967 to current year.

AVERAGE DISCHARGE.--12 years, 95.4 ft³/s, 16.44 in./yr.

MINIMUM DAILY DISCHARGE.--0.60 ft³/s, Oct. 1, 4, 1967.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	3.2	3.6	4.1	5.0	6.5	8.6	15	27
5	2.1	2.4	3.0	3.8	4.7	5.8	8.5	15
10	1.5	1.8	2.7	3.3	4.1	4.8	6.7	11
20	.8	1.2	2.5	3.1	3.7	4.3	5.7	8.0
50	.6	.8	2.3	2.8	3.3	3.8	4.8	6.0

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	1,450	1,110	1,030	701	393	213	108	65	43	29	20	14

Percent	80	90	95	98	99	99.5
Ft ³ /s	8.7	6.0	4.6	3.7	3.1	2.6

WABASH RIVER BASIN

03362000 YOUNGS CREEK NEAR EDINBURGH, IN

LOCATION.--Lat 39°25'08", long 86°00'18", in SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.5, T.11 N., R.5 E., Johnson County, Hydrologic Unit 05120204, on left bank on upstream side of highway bridge, 0.5 mile southwest of Amity, 2.0 miles upstream from mouth, and 5 miles northwest of Edinburgh.

DRAINAGE AREA.--107 mi².

PERIOD OF RECORD.--October 1942 to current year.

AVERAGE DISCHARGE.--37 years, 107 ft³/s, 13.58 in./yr.

MINIMUM DAILY DISCHARGE.--0.5 ft³/s, Sept. 29, Oct. 20, 21, 1953.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	2.5	2.7	3.0	3.3	5.5	7.2	11	20
5	1.4	1.5	1.8	2.0	3.4	4.2	5.2	9.0
10	1.0	1.1	1.4	1.6	2.8	3.2	3.8	5.9
20	.8	.9	1.2	1.3	2.5	2.7	2.9	4.2
50	.6	.6	.6	.8	2.0	2.2	2.2	2.8

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	1,760	1,280	1,210	813	433	242	119	72	47	31	19	11

Percent	80	90	95	98	99	99.5
Ft ³ /s	6.5	4.1	3.0	2.2	1.7	1.3

WABASH RIVER BASIN

03362500 SUGAR CREEK NEAR EDINBURGH, IN

LOCATION.--Lat 39°21'39", long 85°59'51", in SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec.29, T.11 N., R.5 E., Johnson County, Hydrologic Unit 05120204, on left bank 50 ft upstream from highway bridge in Camp Atterbury, 1.2 miles upstream from confluence with Blue River, 1.5 miles northwest of Edinburgh, and at mile 1.3.

DRAINAGE AREA.--474 mi².

PERIOD OF RECORD.--October 1942 to current year.

AVERAGE DISCHARGE.--37 years, 491 ft³/s, 14.07 in/yr.

MINIMUM DAILY DISCHARGE.--9.2ft³/s Sept. 19, 1954.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	36	37	39	41	46	54	78	120
5	23	24	25	27	29	34	46	66
10	18	19	20	22	23	27	35	49
20	15	15	16	18	19	22	29	39
50	11	12	12	14	15	18	24	30

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	6,300	4,870	4,720	3,490	1,950	1,130	598	382	262

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	185	127	88	64	43	33	25	22	19

WABASH RIVER BASIN

03363000 DRIFTWOOD RIVER NEAR EDINBURGH, IN

LOCATION.--Lat 39°20'21", long 85°59'11", in NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.4, T.10 N., R.5 E., Bartholomew County, Hydrologic Unit 05120204, on left bank just downstream from highway bridge, 0.8 mile downstream from confluence of Big Blue River and Sugar Creek, 1.5 miles southwest of Edinburgh, and at mile 14.1

DRAINAGE AREA.--1.060 mi².

PERIOD OF RECORD.--October 1940 to current year.

REMARKS.--Records good except those for periods of no gage-height record, Jan. 2 to Feb. 14 and July 11 to Aug. 14, which are fair.

AVERAGE DISCHARGE.--39 years, 1,147 ft³/s, 14.69 in/yr.

MINIMUM DAILY DISCHARGE.--38 ft³/s Sept. 23, 1941.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	138	140	144	152	164	187	249	361
5	101	103	106	111	119	133	163	219
10	86	88	91	96	101	113	134	170
20	76	77	81	85	89	100	116	138
50	65	67	71	75	78	88	100	110

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time								
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30
Ft ³ /s	12,900	9,940	9,590	6,930	4,300	2,660	1,540	1,030

Percent	40	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	738	533	386	282	212	157	130	107	95	87

WABASH RIVER BASIN

03363500 FLATROCK RIVER AT ST. PAUL, IN

LOCATION.--39°25'03", long 85°38'03", in SE¼NE¼ sec. 9, T.11 N., R.8 E., Shelby County, Hydrologic Unit 05120205, on right bank 500 ft downstream from highway bridge, 0.8 mile southwest of St. Paul, and 1.5 miles downstream from Mill Creek, and at mile 34.4.

DRAINAGE AREA.--303 mi².

PERIOD OF RECORD.--1930 to current year.

AVERAGE DISCHARGE.--49 years, 317 ft³/s, 14.21 in./yr.

MINIMUM DAILY DISCHARGE.--0.6 ft³/s Aug. 7, 1931.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	8.1	8.7	9.9	11	14	21	39	73
5	2.9	3.2	3.7	4.7	6.2	9.5	18	33
10	1.6	1.8	2.1	2.8	3.9	6.3	11	21
20	1.0	1.1	1.3	1.8	2.6	4.4	8	15
50	.5	.6	.7	1.1	1.6	3.0	5.4	9.4

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50
Ft ³ /s	4,560	3,380	3,150	2,110	1,200	740	416	261	177	117

Percent	60	70	80	90	95	98	99	99.5
Ft ³ /s	75	43	27	15	9.1	4.7	2.7	1.9

WABASH RIVER BASIN

03363900 FLATROCK RIVER AT COLUMBUS, IN

LOCATION.--Lat 39°14'06", long 85°55'36", in NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.12, T.9 N., R.5 E., Bartholomew County, Hydrologic Unit 05120205, on left bank at downstream side of bridge on U.S. Highway 31 (bypass), 0.2 mile northwest of Columbus city limits, and 2.6 miles upstream from mouth.

DRAINAGE AREA.--534 mi².

PERIOD OF RECORD.--October 1967 to current year.

AVERAGE DISCHARGE.--12 years, 606 ft³/s, 15.41 in/yr.

MINIMUM DAILY DISCHARGE.--22 ft³/s Oct. 5, 1967.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	63	65	67	74	80	96	144	246
5	41	42	44	46	50	59	75	125
10	33	34	35	37	40	46	55	83
20	27	28	29	30	32	37	43	58
50	22	23	24	25	26	30	33	38

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50
Ft ³ /s	5,670	4,530	4,370	3,210	2,140	1,350	784	550	413	310

Percent	60	70	80	90	95	98	99	99.5
Ft ³ /s	226	152	102	65	46	37	32	29

WABASH RIVER BASIN

03364000 FAST FORK WHITE RIVER AT COLUMBUS, IN

LOCATION.--Lat 39°12'00", long 85°55'32", in NE¼NW¼ sec.25, T.9 N., R.5 E., Bartholomew County, Hydrologic Unit 05120205, on left bank at abutment of abandoned bridge at west end of Second Street in Columbus, 0.6 mile downstream from confluence of Driftwood River and Flatrock River, 1.3 miles upstream from Haw Creek, and at mile 238.7.

DRAINAGE AREA.--1,707 mi².

PERIOD OF RECORD.--October 1947 to current year.

AVERAGE DISCHARGE.--32 years, 1,843 ft³/s, 14.66 in/yr.

MINIMUM DAILY DISCHARGE.--87 ft³/s Sept. 29, 1954.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	206	211	220	231	253	288	382	553
5	146	148	153	160	172	194	241	326
10	122	123	127	133	141	159	192	248
20	105	107	110	114	120	136	160	198
50	90	90	93	97	100	115	132	154

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time								
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30
Ft ³ /s	21,300	16,400	15,700	11,200	6,480	4,190	2,420	1,640

Percent	40	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	1,180	856	616	441	333	241	188	147	131	114

WABASH RIVER BASIN

03364200 HAW CREEK NEAR CLIFFORD, IN

LOCATION.--Lat 39°16'04", long 85°51'22", in NW¼SW¼ sec.34, T.10 N., R.6 E., Bartholomew County, Hydrologic Unit 05120205, on left bank 20 ft downstream from bridge on County Road 450 North, 1.2 miles southeast of Clifford, 5.8 miles northeast of Columbus, and 7.6 miles upstream from mouth.

DRAINAGE AREA.--47.5 mi².

PERIOD OF RECORD.--August 1967 to current year.

AVERAGE DISCHARGE.--12 years, 50.4 ft³/s, 14.41 in/yr.

MINIMUM DAILY DISCHARGE.--No flow at times during September and October 1967 due to diversion for irrigation.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	1.6	1.7	1.9	2.1	2.8	4.2	8.6	18
5	.8	.8	.9	1.1	1.5	2.2	3.5	7.6
10	.5	.6	.7	.8	1.0	1.6	2.3	4.7
20	.4	.5	.6	.6	.8	1.2	1.6	3.1
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time													
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70	
Ft ³ /s	926	573	523	341	181	105	59	39	27	19	13	7.5	

Percent	80	90	95	98	99	99.5	
Ft ³ /s	4.1	2.4	1.5	1.0	.9	.7	

WABASH RIVER BASIN

03364500 CLIFTY CREEK AT HARTSVILLE, IN

LOCATION.--Lat 39°16'25", long 85°42'10", in NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.36, T.10 N., R.7 E., Bartholomew County, Hydrologic Unit 05120206, at downstream side of left abutment of highway bridge, 0.2 mile north of Hartsville, 5.9 miles upstream from Duck Creek, and at mile 20.0.

DRAINAGE AREA.--91.4 mi².

PERIOD OF RECORD.--February 1948 to current year.

AVERAGE DISCHARGE.--31 years, 97.2 ft³/s, 14.44 in/yr.

MINIMUM DAILY DISCHARGE.--No flow at times most years.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	.0	.0	.1	.3	.8	2.2	6.8	16
5	.0	.0	.0	.0	.0	.3	1.8	4.9
10	.0	.0	.0	.0	.0	.0	.5	1.7
20	.0	.0	.0	.0	.0	.0	.0	.2
50	.0	.0	.0	.0	.0	.0	.0	.0

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time											
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	
Ft ³ /s	1,970	1,220	1,160	738	358	217	114	70	45	29	

Percent	60	70	80	90	95	98	99	99.5	
Ft ³ /s	17	8.2	3.3	.7	.0	.0	.0	.0	

WABASH RIVER BASIN

03365000 SAND CREEK NEAR BREWERSVILLE, IN

LOCATION.--Lat 39°05'03", long 85°39'32", in NW¹NE¹ sec.5, T.7 N., R.8 E., Jennings County, Hydrologic Unit 05120206, on left bank at downstream side of county highway bridge, 2.5 miles west of Brewersville, 5.7 miles upstream from Wyaloosing Creek, and 16.0 miles upstream from mouth.

DRAINAGE AREA.--155 mi².

PERIOD OF RECORD.--February 1948 to current year.

AVERAGE DISCHARGE.--31 years, 172 ft³/s, 15.07 in/yr.

MINIMUM DAILY DISCHARGE.--No flow at times during 1948, 1949, 1953-55, 1964 1965, 1967.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	1.4	1.4	1.9	2.4	3.8	7	16	30
5	.1	.1	.1	.2	.5	1.3	4.6	11
10	.0	.0	.0	.0	.1	.4	2.2	6.3
20	.0	.0	.0	.0	.0	.0	1.2	3.8
50	.0	.0	.0	.0	.0	.0	.5	2.1

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time											
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	
Ft ³ /s	3,150	2,340	2,140	1,410	707	365	178	108	72	44	

Percent	60	70	80	90	95	98	99	99.5	
Ft ³ /s	27	16	7.8	3.2	1.2	.0	.0	.0	

WABASH RIVER BASIN

03365500 EAST FORK WHITE RIVER AT SEYMOUR, IN

LOCATION.--Lat 38°58'57", long 85°53'57", in NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec.7, T.6 N., R.6 E., Jackson County, Hydrologic Unit 05120206, on left bank 1,700 ft downstream from highway bridge, 1 mile north of Seymour, 9.5 miles downstream from Sand Creek, and at mile 214.6.

DRAINAGE AREA.--2,341 mi².

PERIOD OF RECORD.--October 1927 to current year.

AVERAGE DISCHARGE.--52 years, 2,430 ft³/s, 14.10 in./yr.

MINIMUM DAILY DISCHARGE.--86 ft³/s, Sept. 28, 30, 1941.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	253	261	271	280	299	348	465	674
5	183	190	197	203	216	239	292	395
10	155	162	168	174	186	200	232	299
20	136	143	147	153	166	175	194	237
50	117	124	128	134	148	151	159	183

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time								
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30
Ft ³ /s	27,500	22,200	21,300	14,800	9,160	5,520	3,150	2,130

Percent	40	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	1,530	1,090	776	530	383	282	227	194	172	159

WABASH RIVER BASIN

03366000 GRAHAM CREEK NEAR VERNON, IN

LOCATION.--Lat 38°55'47", long 85°33'45", in NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec.30, T.6 N., R.9 E., Jennings County, Hydrologic Unit 05120207, on right bank 10 ft upstream from State Highway 7, 4.7 miles southeast of Vernon, and 8.0 miles downstream from Little Graham Creek.

DRAINAGE AREA.--77.2 mi².

PERIOD OF RECORD.--June 1955 to September 1973

AVERAGE DISCHARGE.--18 years, 93.2 cfs, 16.39 in./yr.

MINIMUM DAILY DISCHARGE.--No flow at times most years.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.0	0.0	0.1	0.1	0.4	1.1	4.3	14
5	.0	.0	.0	.0	.1	.1	.6	3.6
10	.0	.0	.0	.0	.0	.0	.1	1.5
20	---	---	---	---	---	---	---	---
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time											
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	
Ft ³ /s	2,110	1,580	1,500	970	415	189	77	44	26	15	

Percent	60	70	80	90	95	98	99	99.5	
Ft ³ /s	8.8	4.2	1.5	0.3	0.0	0.0	0.0	0.0	

WABASH RIVER BASIN

03366200 HARBERTS CREEK NEAR MADISON, IN

LOCATION.--Lat 38°46' 55", long 85°29' 08", in SW¼SE¼ sec.14, T.4 N., R.9 E., Jefferson County, Hydrologic Unit 05120207, attached to left downstream wingwall of bridge on County Road 533 West, 0.2 mile west of Smyrna, 3.7 miles upstream from Big Creek, and 4 miles northwest of Madison.

DRAINAGE AREA.--9.31 mi².

PERIOD OF RECORD.--August 1968 to current year.

AVERAGE DISCHARGE.--11 years, 12.9 ft³/s, 18.82 in./yr.

MINIMUM DAILY DISCHARGE.--No flow at times most years.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.0	0.0	0.0	0.1	0.2	0.6	1.2	2.9
5	.0	.0	.0	.0	.1	.2	.6	1.6
10	.0	.0	.0	.0	.0	.1	.5	1.2
20	.0	.0	.0	.0	.0	.1	.4	1
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	252	185	176	116	57	26	12	6.5	3.7	2.2	1.3	0.7

Percent	80	90	95	98	99	99.5
Ft ³ /s	0.4	0.1	0.0	0.0	0.0	0.0

WABASH RIVER BASIN

03366500 MUSCATATUCK RIVER NEAR DEPUTY, IN

LOCATION.--Lat 38°48'15", long 85°40'26", in SW¹/₄NE¹/₄ sec.7, T.4 N., R.8 E., Jefferson County, Hydrologic Unit 05120207, on left bank at downstream side of highway bridge, 1.4 miles northwest of Deputy, 1.9 miles upstream from Coffee Creek, 2.4 miles downstream from confluence of Graham Creek and Big Creek, and at mile 50.0.

DRAINAGE AREA.--293 mi².

PERIOD OF RECORD.--November 1947 to current year.

AVERAGE DISCHARGE.--31 years (1948 to current year), 345 ft³/s, 15.99 in./yr.

MINIMUM DAILY DISCHARGE.--No flow at times most years.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	1.0	1.2	1.3	2.5	3.1	7.8	21	54
5	.0	.1	.1	.1	.2	1.8	4.1	17
10	.0	.0	.0	.0	.0	.0	1.5	8.0
20	.0	.0	.0	.0	.0	.0	.6	4.0
50	.0	.0	.0	.0	.0	.0	.2	2.0

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50
Ft ³ /s	7,040	5,470	5,110	3,150	1,430	717	332	193	113	66

Percent	60	70	80	90	95	98	99	99.5
Ft ³ /s	37	19	9.1	2.5	0.4	0.1	0.0	0.0

WABASH RIVER BASIN

03368000 BRUSH CREEK NEAR NEBRASKA, IN

LOCATION.--Lat 39°04'13", long 85°29'10" in NW¹/₄NE¹/₄ sec.11, T.7 N., R.9 E., Jennings County, Hydrologic Unit 05120207, on right bank at downstream side of county road bridge, 1.5 miles northwest of Nebraska, 2.9 miles northeast of Butlerville, and 3.6 miles upstream from Brush Creek Dam.

DRAINAGE AREA.--11.4 mi².

PERIOD OF RECORD.--May 1955 to current year.

AVERAGE DISCHARGE.--24 years, 12.9 ft³/s, 15.37 in./yr.

MINIMUM DAILY DISCHARGE.--No flow at times most years.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.0	0.0	0.0	0.0	0.0	0.1	0.1	1.7
5	.0	.0	.0	.0	.0	.0	.1	.7
10	.0	.0	.0	.0	.0	.0	.0	.4
20	.0	.0	.0	.0	.0	.0	.0	.3
50	.0	.0	.0	.0	.0	.0	.0	.2

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	312	222	211	130	53	23	9.2	5.3	3.0	1.8	1.0	0.4

Percent	80	90	95	98	99	99.5
Ft ³ /s	0.1	0.0	0.0	0.0	0.0	0.0

WABASH RIVER BASIN

03369000 VERNON FORK NEAR BUTLERVILLE, IN

LOCATION.--Lat 39°02'55", long 85°32'40", in NW¼SE¼ sec.17, T.7 N., R.9 E., Jennings County, Hydrologic Unit 05120207, on left bank 0.3 mile downstream from Muscatatuck State School dam, 1.1 miles downstream from Brush Creek, 2 miles northwest of Butlerville, and at mile 50.6.

DRAINAGE AREA.--85.9 mi².

PERIOD OF RECORD.--February 1942 to current year. Prior to October 1960, published as North Fork of Vernon Fork near Butlerville.

REMARKS.--Water supply for the Muscatatuck State School is diverted and the sewage effluent returned above station. Flow regulated by Brush Creek Reservoir.

AVERAGE DISCHARGE.--37 years, 94.2 ft³/s, 14.89 in./yr.

MINIMUM DAILY DISCHARGE.--No flow at times during 1944, 1945, 1949, and 1968.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.4	0.5	0.6	0.8	1.3	2.7	7.2	14
5	.2	.2	.3	.4	.5	1.0	2.7	5.8
10	.1	.1	.2	.2	.3	.6	1.6	3.5
20	.0	.0	.1	.2	.2	.4	1.0	2.2
50	.0	.0	.0	.1	.1	.3	.6	1.4

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50		
Ft ³ /s	2,180	1,590	1,500	861	374	182	83	49	30	17		

Percent	60	70	80	90	95	98	99	99.5
Ft ³ /s	9.5	5.1	2.5	1.1	0.5	0.3	0.2	0.1

WABASH RIVER BASIN

03369500 VERNON FORK AT VERNON, IN

LOCATION.--Lat 38°58'34", long 85°37'13", in NW¼SE¼, sec.10, T.6 N., R.8 E., Jennings County, Hydrologic Unit 05120207, at downstream end of left bank bridge pier, 1 mile southwest of Vernon, 3.1 miles downstream from Otter Creek, and at mile 36.4

DRAINAGE AREA.--198 mi².

PERIOD OF RECORD.--October 1939 to current year.

REMARKS.--Diversion above station for municipal water supply of North Vernon and Vernon. Part of this diversion returned above gage as sewage effluent by North Vernon Sewage Treatment Plant. Some regulation at times at low flow by Old Timbers Lake on Jefferson Proving Grounds.

AVERAGE DISCHARGE.--40 years, 221 ft³/s, 15.16 in./yr.

MINIMUM DAILY DISCHARGE.--No flow at times in 1940, 1943-44.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.9	1.1	1.3	1.8	3.0	5.8	17	34
5	.3	.4	.4	.7	.9	1.4	4.4	13
10	.1	.1	.2	.3	.4	.6	2.0	7.7
20	.0	.0	.0	.1	.2	.3	1.0	4.9
50	.0	.0	.0	.0	.0	.1	.4	2.9

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time											
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	
Ft ³ /s	4,800	3,430	3,270	2,070	937	453	197	112	68	40	

Percent	60	70	80	90	95	98	99	99.5	
Ft ³ /s	23	12	5.3	2.0	0.9	0.4	0.1	0.1	

WABASH RIVER BASIN

03371500 EAST FORK WHITE RIVER NEAR BEDFORD, IN

LOCATION.--Lat 38°46'10", long 86°24'30", in SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec.21, T.4 N., R.1 E., Lawrence County, Hydrologic Unit 05120208, on downstream side of center pier of bridge on county road, 0.4 mile upstream from Mill Creek, 2.9 miles downstream from Sugar Creek, 3.9 miles northeast of Mitchell, 7.8 miles southeast of Bedford, and at mile 153.3.

DRAINAGE AREA.--3,861 mi².

PERIOD OF RECORD.--May 1939 to current year (high-water records only October 1943 to September 1957).

AVERAGE DISCHARGE.--26 years (1939-43, 1957 to current year), 3,855 ft³/s, 13.56 in./yr.

MINIMUM DAILY DISCHARGE.--138 ft³/s, Sept. 7, 1941.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	402	406	418	435	470	540	722	1,050
5	264	274	288	299	318	347	429	613
10	212	225	240	249	262	283	338	472
20	176	191	208	215	225	243	282	384
50	143	160	178	184	191	208	233	308

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time								
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30
Ft ³ /s	37,000	28,600	27,000	20,400	13,600	9,390	5,540	3,600

Percent	40	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	2,480	1,750	1,230	839	601	424	335	267	246	221

WABASH RIVER BASIN

03371520 BACK CREEK AT LEESVILLE, IN

LOCATION.--Lat 38°50'48", long 86°18'06", in SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec.21, T.5 N., R.2 E., Lawrence County, Hydrologic Unit 05120208, on left bank at downstream side of county road bridge, 0.9 mile west of Leesville, 2.5 miles upstream from Jones Defeat Hollow, and 7 miles above mouth.

DRAINAGE AREA.--24.1 mi².

PERIOD OF RECORD.--October 1970 to current year.

AVERAGE DISCHARGE.--9 years, 35.7 ft³/s, 20.12 in./yr.

MINIMUM DAILY DISCHARGE.--No flow at times during 1971, 1975, and 1976.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	---	---	0.1	---	---	---	---	---
5	---	---	---	---	---	---	---	---
10	---	---	.0	---	---	---	---	---
20	---	---	---	---	---	---	---	---
50	---	---	---	---	---	---	---	---

WABASH RIVER BASIN

03371600 SOUTH FORK SALT CREEK AT KURTZ, IN

LOCATION.--Lat 38°47'46", long 86°12'12", in SW¹/₄SW¹/₄ sec.9, T.6 N., R.3 E., Jackson County, Hydrologic Unit 05120208, on right bank at downstream side of county road bridge, at north edge of Kurtz, 0.8 mile upstream from right-bank tributary, and 6.1 miles upstream from Little Salt Creek.

DRAINAGE AREA.--38.2 mi².

PERIOD OF RECORD.--October 1960 to September 1971.

AVERAGE DISCHARGE.--11 years, 39.9(ft³/s), 14.18 in./yr.

MINIMUM DAILY DISCHARGE.--No flow at times most years.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.0	0.0	0.0	0.0	0.0	0.3	0.7	3.1
5	.0	.0	.0	.0	.0	.0	.0	1.0
10	.0	.0	.0	.0	.0	.0	.0	.4
20	---	---	---	---	---	---	---	---
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	1,160	738	689	386	161	79	35	17	8.4	4.2	1.7	.5

Percent 80 90 95 98 99 99.5						
Ft ³ /s	.0	.0	.0	.0	.0	.0

WABASH RIVER BASIN

03371650 NORTH FORK SALT CREEK AT NASHVILLE, IN

LOCATION.--Lat 39°12'06", long 86°14'51", in NW¼NW¼ sec.19, T.9 N., R.3 E., Brown County, Hydrologic Unit 05120208, on right bank 90 ft downstream from bridge on State Highway 46, 800 ft downstream from Greasy Creek, 0.4 mile south of center of Nashville, and at mile 32.5.

DRAINAGE AREA.--76.1 mi².

PERIOD OF RECORD.--WATER DISCHARGE: July 1962 to September 1976.

AVERAGE DISCHARGE.--14 years 78.9(ft³/s), 14.08 in./yr.

MINIMUM DAILY DISCHARGE.--No flow at times most years.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.3	0.3	0.3	0.4	0.7	1.3	4.7	12
5	.0	.0	.0	.0	.1	.2	1.2	4.2
10	.0	.0	.0	.0	.0	.0	.3	2.1
20	.0	.0	.0	.0	.0	.0	.1	1.2
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time											
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	
Ft ³ /s	1,680	1,190	1,100	607	326	184	91	53	29	16	

Percent	60	70	80	90	95	98	99	99.5	
Ft ³ /s	7.8	3.9	1.7	.5	.1	.0	.0	.0	

WABASH RIVER BASIN

03372000 NORTH FORK SALT CREEK NEAR BELMONT, IN

LOCATION.--Lat 39°09'00", long 85°20'14", in SW¹/₄NW¹/₄ sec.5, R.8 N., R.2 E., Brown County, Hydrologic Unit 05120108, on right bank 15 ft downstream from bridge on State Highway 46, 100 ft upstream from Schooner Creek 0.7 mile northeast of Belmont, 6.5 miles upstream from Brummett Creek, and 20 miles upstream from mouth. Records include flow of Schooner Creek.

DRAINAGE AREA.--120 mi², includes that of Schooner Creek.

PERIOD OF RECORD.--April 1946 to September 1971.

AVERAGE DISCHARGE.--25 years, 130(ft³/s), 14.72 in./yr.

MINIMUM DAILY DISCHARGE.--No flow at times most years.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.0	0.3	0.4	0.5	0.7	1.3	4.5	13
5	.0	.0	.0	.0	.1	.3	.8	3.6
10	.0	.0	.0	.0	.0	.1	.2	1.6
20	.0	.0	.0	.0	.0	.0	.0	.8
50	.0	.0	.0	.0	.0	.0	.0	.3

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	2,630	1,970	1,860	1,260	542	274	135	78	42	23	12	5.7

Percent	80	90	95	98	99	99.5
Ft ³ /s	2.6	.5	.1	.1	.0	.0

WABASH RIVER BASIN

03372300 STEPHENS CREEK NEAR BLOOMINGTON, IN

LOCATION.--Lat 39°10'11", long 86°25'07", in NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.4, T.8 N., R.1 E., Monroe County, Hydrologic Unit 05120208, on downstream side of right pier of bridge on State Highway 46, 0.2 mile downstream from Kerr Creek, 4.0 miles west of Belmont, and 6.1 miles east of Bloomington.

DRAINAGE AREA.--10.9 mi².

PERIOD OF RECORD.--October 1970 to current year.

AVERAGE DISCHARGE.--9 years, 13.6 ft³/s, 16.94 in./yr.

MINIMUM DAILY DISCHARGE.--No flow at times most years.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	---	---	0.1	---	---	---	---	---
5	---	---	---	---	---	---	---	---
10	---	---	.0	---	---	---	---	---
20	---	---	---	---	---	---	---	---
50	---	---	---	---	---	---	---	---

WABASH RIVER BASIN

03372500 SALT CREEK NEAR HARRODSBURG, IN

LOCATION.--Lat 39°00'16", long 86°30'31", in NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.34, T.7 N., R.1 W., Monroe County, Hydrologic Unit 05120208, on right bank 0.35 mile downstream from Monroe Lake, 0.9 mile upstream from Clear Creek, 2.2 miles southeast of Harrodsburg, and 25.7 miles upstream from mouth.

DRAINAGE AREA.--432 mi².

PERIOD OF RECORD.--May 1955 to current year.

REMARKS.--Flow regulated by Monroe Lake.

AVERAGE DISCHARGE.--23 years, 472 ft³/s, 14.82 in./yr.

MINIMUM DAILY DISCHARGE.--No flow Sept. 29 to Dec. 2, 1964.

Magnitude and frequency of annual low flow
after regulation (1968-1978)

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	50	120	183
2	47	48	49	49	49	50	57	102
5	41	46	46	46	46	47	45	60
10	38	45	45	45	46	46	43	47
20	35	44	44	45	45	46	42	39
50	--	--	--	--	--	--	--	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	2,600	2,450	2,440	2,300	2,040	1,770	923	415	212

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	86	58	54	51	49	48	45	43	43

VARASH RIVER BASIN

03372700 CLEAR CREEK NEAR HARRODSBURG, IN

LOCATION.--Lat 39°02'03", long 86°34'01", in NE¼NW¼ sec.19, T.7 N., R.1 W., Monroe County, Hydrologic Unit 05120208, on left bank at downstream side of county road bridge, 1.9 miles northwest of Harrodsburg, 3.9 miles upstream from Little Clear Creek, and 5.1 miles upstream from mouth.

DRAINAGE AREA.--55.2 mi², of which 6.4 mi² does not contribute directly to surface runoff.

PERIOD OF RECORD.--September 1960 to September 1971.

REMARKS.--Flow regulated by effluent from the sewage treatment plant of the city of Bloomington and possibly by pumpage from several rock quarries.

AVERAGE DISCHARGE.--11 years, 72.0 ft³/s 17.71 in./yr.

MINIMUM DAILY DISCHARGE.--5.4 ft³/s Nov. 27, 1964.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	---	---	9.3	---	---	---	---	---
5	---	---	---	---	---	---	---	---
10	---	---	6.6	---	---	---	---	---
20	---	---	---	---	---	---	---	---
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time													
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70	
Ft ³ /s	1,240	812	752	451	237	149	83	55	39	30	22	18	
Percent 80 90 95 98 99 99.5													
Ft ³ /s	15	12	9.7	8.5	8.1	7.5							

WABASH RIVER BASIN

03373000 SALT CREEK NEAR PEERLESS, IN

LOCATION.--Lat 38°56'35", long 86°30'38", in NW $\frac{1}{4}$ sec.22, T.6 N., R.1 W., County, Hydrologic Unit 05120208, on downstream side near center of Monon Railroad bridge, 3,400 ft downstream from Little Salt Creek, 1.5 miles north of Peerless, and 18.6 miles upstream from mouth.

DRAINAGE AREA.--582 mi².

PERIOD OF RECORD.--February 1939 to September 1950, February 1957 to September 1973.

AVERAGE DISCHARGE.--25 years, 647 ft³/s.

MINIMUM DAILY DISCHARGE.--0.7 ft³/s Aug. 18, 1940.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	7.3	7.9	8.7	10	14	22	39	87
5	2.3	2.5	2.8	3.2	4.7	8	14	32
10	1.3	1.4	1.5	1.8	2.7	4.6	8.2	18
20	.8	.9	.9	1.1	1.7	2.9	5.2	11
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	7,920	6,550	6,200	5,100	3,110	2,000	831	421	238

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	130	77	54	28	11	6.5	2.7	1.8	1.3

WARASH RIVER BASIN

03373200 INDIAN CREEK NEAR SPRINGVILLE, IN

LOCATION.--Lat 38°57'01", long 86°40'30", in SE¼SW¼ sec.18, T.6 N., R.2 W., Lawrence County, Hydrologic Unit 05120208, on left bank at downstream side of bridge on State Highway 54, 0.2 mile downstream from Popcorn Creek, and 4 miles northwest of Springville.

DRAINAGE AREA.--60.7 mi².

PERIOD OF RECORD.--September 1961 to September 1973.

AVERAGE DISCHARGE.--12 years, 55.3 ft³/s, 12.37 in./yr.

MINIMUM DAILY DISCHARGE.--No flow at times some years.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.5	0.5	0.6	1.0	1.6	2.7	4.7	8.9
5	.1	.1	.2	.2	.3	.5	1.1	3.8
10	.0	.0	.0	.0	.1	.1	.5	2.3
20	.0	.0	.0	.0	.0	.0	.2	1.5
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft³/s, equaled or exceeded for
the indicated percent of total time

Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50
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Ft ³ /s	1,220	955	872	447	215	119	58	34	20	12
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Percent	60	70	80	90	95	98	99	99.5
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Ft ³ /s	7.0	4.0	2.3	.9	.3	.1	.0	.0
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WARASH RIVER BASIN

03373500 EAST FORK WHITE RIVER AT SHOALS, IN

LOCATION.--Lat 38°40'02", long 86°47'31", in NW¼NW¼ sec.30, T.3 N., R.3 W., Martin County, Hydrologic Unit 05120208, at left downstream side of U.S. Highway 50 bridge at Shoals, 340 ft upstream from Baltimore and Ohio Railroad bridge, 0.9 mile upstream from Beaver Creek, 6.6 mi downstream from Indian Creek, and at mile 105.3.

DRAINAGE AREA.--4,927 mi².

PERIOD OF RECORD.--June 1923 to current year.

REMARKS.--Flow partially regulated by upstream reservoirs.

AVERAGE DISCHARGE.--66 years (1903-5, 1909-16, 1923 to current year), 5,440 ft³/s, 14.99 in./yr.

MINIMUM DAILY DISCHARGE.--64 ft³/s, Oct. 6, 1935 as a result of filling Williams Reservoir.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	351	410	447	474	530	651	958	1,460
5	218	261	307	329	359	415	554	793
10	167	203	254	275	297	334	418	569
20	133	163	217	238	256	282	332	430
50	103	127	183	204	218	236	258	311

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time								
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30
Ft ³ /s	46,400	40,000	38,400	31,000	21,000	14,300	8,010	5,150

Percent	40	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	3,490	2,300	1,540	1,050	740	486	375	298	265	223

WABASH RIVER BASIN

03373700 LOST RIVER NEAR WEST BADEN SPRINGS, IN

LOCATION.--Lat 38°35'10", long 86°38'03", in SW1SE1 sec.21, T.2 N., R.2 W., Orange County, Hydrologic Unit 05120208, on left bank 20 ft downstream from bridge on U.S. Highway 150, 1.7 miles northwest of West Baden Springs, 3.8 miles downstream from Lick Creek, and at mile 34.8.

DRAINAGE AREA.--287 mi²

PERIOD OF RECORD.--December 1964 to current year. Prior to October 1965, published as Lost River near West Baden.

AVERAGE DISCHARGE.--14 years, 372 ft³/s, 17.60 in./yr.

MINIMUM DAILY DISCHARGE.--7.5 ft³/s, Oct. 8, 1966.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	15	16	17	18	20	26	54	84
5	11	12	12	13	14	18	33	48
10	9.2	10	10	12	13	17	27	37
20	8.2	9.2	9.5	10	12	16	23	31
50	7.3	8.3	8.6	9.2	11	15	20	26

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	3,310	2,810	2,700	2,170	1,470	899	505	342	223

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	141	92	57	35	24	19	15	13	11

WABASH RIVER BASIN

03374000 WHITE RIVER AT PETERSBURG, IN

LOCATION.--Lat 38°30'39", long 87°17'22", in SE¹SW¹ sec.15, T.1 N., R.8 W., Pike County, Hydrologic Unit 05120202, on left bank 300 ft downstream from bridge on State Highway 61, 0.4 mile upstream from Prides Creek, 1.4 miles north of Petersburg, and at mile 45.7.

DRAINAGE AREA.--11,125 mi².

PERIOD OF RECORD.--October 1927 to current year.

REMARKS.--Flow partially regulated by upstream reservoirs.

AVERAGE DISCHARGE.--52 years, 11,640 ft³/s, 14.21 in./yr.

MINIMUM DAILY DISCHARGE.--573 ft³/s, Oct. 1, 1941.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	1,240	1,280	1,320	1,380	1,500	1,810	2,450	3,380
5	859	889	916	951	1,030	1,180	1,500	2,010
10	713	741	763	790	860	954	1,170	1,530
20	613	639	658	680	746	808	955	1,220
50	518	544	559	577	641	675	762	940

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time								
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30
Ft ³ /s	90,700	77,600	74,800	61,200	42,100	29,100	17,400	11,600

Percent	40	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	8,030	5,550	3,890	2,840	2,040	1,390	1,080	885	798	719

WABASH RIVER BASIN

03374455 PATOKA RIVER NEAR HARDINSBURG, IN

LOCATION.--Lat 38°26'41", long 86°23'14", in NW¼SE¼ sec.10, T.1 S., R.1 E., Orange County, Hydrologic Unit 05120209, on downstream edge of center pier of county road bridge, 0.3 mile downstream from Fudge Creek, 0.7 mile north-east of Valeene, 6.0 miles southwest of Hardinsburg, and at mile 158.0.

DRAINAGE AREA.--12.8 mi².

PERIOD OF RECORD.--October 1968 to current year.

AVERAGE DISCHARGE.--11 years, 26.6 ft³/s, 28.22 in./yr.

MINIMUM DAILY DISCHARGE.--No flow for several days in 1971, 1972, and 1975.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.2	0.20	0.3	0.4	0.6	1.0	2.5	5.3
5	.0	.0	.2	.4	.2	.3	.9	2.3
10	.0	.0	.0	.0	.1	.2	.5	2.5
20	.0	.0	.0	.0	.1	.1	.4	1.0
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time													
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70	
Ft ³ /s	483	365	344	224	101	56	28	17	10	6.1	3.5	2.0	

Percent	80	90	95	98	99	99.5	
Ft ³ /s	.9	.5	.3	.1	.0	.0	

WABASH RIVER BASIN

03374500 PATOKA RIVER NEAR GUZCO, IN

LOCATION.--Lat 38°26'29", long 86°43'31", in SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec.10, T.1 S., R.3 W., Dubois County, Hydrologic Unit 05120209, on right bank 200 ft upstream from county road bridge, 1.0 mile northwest of Ellsworth, 2.8 miles upstream from Dillon Creek, 4 miles east of Dubois, and at mile 116.1.

DRAINAGE AREA.--171 mi².

PERIOD OF RECORD.--June 1961 to current year.

AVERAGE DISCHARGE.--18 years, 195 ft³/s, 17.39 in./yr.

MINIMUM DAILY DISCHARGE.--No flow Oct. 30, 1964.

Magnitude and frequency of annual low flow before regulation (1961-1977)

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.7	0.9	1.1	1.5	2.0	4.4	13	31
5	.2	.3	.4	.5	.6	1.3	3.3	11
10	.1	.1	.2	.2	.3	.6	1.5	6.2
20	.0	.1	.1	.1	.2	.3	.7	3.7
50	.0	.0	.1	.1	.1	.2	.3	2.0

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50
Ft ³ /s	2,790	2,190	2,040	1,700	1,150	645	271	156	92	52

Percent	60	70	80	90	95	98	99	99.5
Ft ³ /s	27	13	5.9	1.9	.8	.4	.3	.2

WABASH RIVER BASIN

03375500 PATOKA RIVER AT JASPER, IN

LOCATION.--Lat 38°24'49", long 86°52'36", in NW¼SE¼ sec.20, T.1 S., R.4 W., Dubois County, Hydrologic Unit 05120209, on left bank 0.3 mile upstream from unnamed outlet of Jasper Lake, 1.0 mile downstream from Coon Seitz bridge, 1.2 miles downstream from Beaver Creek, 3.3 miles northeast of Jasper, and at mile 91.5.

DRAINAGE AREA.--262 mi².

PERIOD OF RECORD.--November 1947 to 1977.

REMARKS.--Flow regulated by Beaver Creek Reservoir beginning Oct. 11, 1955.

AVERAGE DISCHARGE.--31 years (1948 to current year), 363 ft³/s, 18.8 in./yr.

MINIMUM DAILY DISCHARGE.--No flow at times during 1948 and 1952.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	1.7	1.8	2.8	3.6	4.6	8.8	21	45
5	.3	.4	1.4	1.9	2.4	3.9	7.5	18
10	.0	.1	1.0	1.4	1.8	2.5	4.2	11
20	.0	.0	.7	1.1	1.4	1.8	2.6	7.3
50	.0	.0	.6	.9	1.1	1.2	1.5	4.6

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	4,080	3,400	3,230	2,470	1,670	1,180	541	269	147

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	77	39	22	9.5	3.3	1.1	.0	.0	.0

WABASH RIVER BASIN

03375800 HAIL CREEK NEAR ST. ANTHONY, IN

LOCATION.--Lat 38°21'45", long 86°49'43", in NW¼NW¼ sec.11, T.2 S., R.4 W., Dubois County, Hydrologic Unit 05120209, on downstream side of right pier of bridge on County Road 125 South, 0.7 mile upstream from Grassy Fork, 3.3 miles north of St. Anthony, and at mile 4.1.

DRAINAGE AREA.--21.8 mi².

PERIOD OF RECORD.--October 1970 to current year.

AVERAGE DISCHARGE.--9 years, 34.5 ft³/s, 21.49 in/yr.

MINIMUM DAILY DISCHARGE.--No flow for many days in most years.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	---	---	0.1	---	---	---	---	---
5	---	---	---	---	---	---	---	---
10	---	---	.0	---	---	---	---	---
20	---	---	---	---	---	---	---	---
50	---	---	---	---	---	---	---	---

WABASH RIVER BASIN

03376260 FLAT CREEK NEAR OTWELL, IN

LOCATION.--Lat 38°26'12", long 87°07'52", in SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.12, T.1 S., R.7 W., Pike County, Hydrologic Unit 05120209, on right bank at upstream side of bridge on State Highway 56, 2.2 miles west of intersection of State Highways 56 and 257, 2.5 miles southeast of Otwell, 6.2 miles east of intersection of State Highways 56 and 61, and at mile 10.9.

DRAINAGE AREA.--21.3 mi².

PERIOD OF RECORD.--October 1964 to current year.

AVERAGE DISCHARGE.--15 years, 22.9 ft³/s, 14.60 in/yr.

MINIMUM DAILY DISCHARGE.--No flow at times most years.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.0	0.0	0.0	0.1	0.3	1.1	2.8	4.7
5	.0	.0	.0	.0	.0	.3	1.1	2.0
10	.0	.0	.0	.0	.0	.1	.7	1.2
20	.0	.0	.0	.0	.0	.1	.4	.8
50	.0	.0	.0	.0	.0	.0	.3	.4

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time											
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	
Ft ³ /s	552	417	390	215	84	42	18	9.9	6.4	4.2	

Percent	60	70	80	90	95	98	99	99.5	
Ft ³ /s	2.8	1.6	.7	.1	.0	.0	.0	.0	

WABASH RIVER BASIN

03376300 PATOKA RIVER AT WINSLOW, IN

LOCATION.--Lat 38°22'48", long 87°14'00", in SW¹/₄SW¹/₄ sec.32, T.1 S., R.7 W., Pike County, Hydrologic Unit 05120209, on right bank at abandoned bridge abutment, 65ft upstream from bridge on State Highway 61, 100 ft downstream from dam of Winslow Water Company, and 41.3 miles above mouth.

DRAINAGE AREA.--603 mi².

PERIOD OF RECORD.--October 1963 to September 1974.

AVERAGE DISCHARGE.--11 years, 678 ft³/s, 15.27 in./yr.

REMARKS.--An average 0.13 ft³/s is diverted for municipal water supply 100 ft above gage.

MINIMUM DAILY DISCHARGE.--0.5 ft³/s Aug. 5, 1964.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	4.2	4.3	4.9	6.1	9.2	25	56	112
5	1.4	1.6	1.9	2.2	3.1	8.8	21	53
10	.8	.9	1.1	1.2	1.7	4.5	13	36
20	.4	.5	.7	.7	1.0	2.4	8	26
50	---	---	---	---	---	---	--	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	
Ft ³ /s	6,240	4,850	4,550	3,780	2,670	1,950	1,260	767	
Percent	40	50	60	70	80	90	95	98	99 99.5
Ft ³ /s	395	201	100	47	21	8.3	4.1	1.8	1.2 .8

WABASH RIVER BASIN

03376350 SOUTH FORK PATOKA RIVER NEAR SPURGEON, IN

LOCATION.--Lat 38°17'50", long 87°15'39", in SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.35, T.2 S., R.8 W., Pike County, Hydrologic Unit 05120209, on right bank at downstream side of bridge on State Highway 61, 0.5 mile north of Enos Corner, 3.1 miles north of Spurgeon, and at mile 8.0.

DRAINAGE AREA.--42.8 mi².

PERIOD OF RECORD.--October 1964 to current year.

REMARKS.--Regulation by coal-washing operation and strip-mining above gage.

AVERAGE DISCHARGE.--15 years, 51.1 ft³/s, 16.21 in/yr.

MINIMUM DAILY DISCHARGE.--No flow Jan. 20-31, 1977.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	4.4	4.6	5.2	6.0	8.4	9.0	13	17
5	3.3	3.5	3.7	4.2	3.8	5.0	8.8	11
10	1.4	1.6	2.2	2.6	2.2	3.5	7.7	9.5
20	---	---	---	---	---	---	---	---
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	531	425	408	291	179	109	58	40	29	21	16	12

Percent	80	90	95	98	99	99.5
Ft ³ /s	8.4	6.0	4.9	3.5	2.3	1.2

WABASH RIVER BASIN

03376500 PATOKA RIVER NEAR PRINCETON, IN

LOCATION.--Lat 38°23'30", long 87°32'55", in Location 107, T.1 S., R.10 W., Gibson County, Hydrologic Unit 05120209, on left bank 75 ft upstream from dam of Princeton Water and Lighting Co., 0.1 mile downstream from bridge on State Highway 65, 0.6 mile downstream from Indian Creek, 2 miles northeast of Princeton, and at mile 21.5.

DRAINAGE AREA.--822 mi².

PERIOD OF RECORD.--August 1934 to 1977.

REMARKS.--Flow regulated by Patoka Lake.

AVERAGE DISCHARGE.--45 years, 1,012 ft³/s, 16.72 in/yr.

MINIMUM DAILY DISCHARGE.--No flow Aug. 29 to Sept. 12, 1936.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	12	13	15	19	27	51	101	166
5	6.2	6.6	7.6	9.7	14	23	43	79
10	4.3	4.7	5.4	6.7	9.7	15	27	53
20	3.2	3.5	4.1	5.0	7.5	10	18	37
50	2.3	2.5	3.0	3.5	5.7	6.6	11	25

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	
Ft ³ /s	8,800	7,250	6,910	5,430	3,870	2,820	1,850	1,180	
Percent	40	50	60	70	80	90	95	98	99 99.5
Ft ³ /s	596	278	139	75	40	18	10	5.1 2.8	1.1

WABASH RIVER BASIN

03377500 WABASH RIVER AT MOUNT CARMEL, IL

LOCATION.--Lat 38°24'07", long 87°45'10", in SE¼NW¼ sec.28, T.1 S., R.12 W., Wabash County, Illinois, Hydrologic Unit 05120113, on right bank on downstream side of Southern Railway bridge at Mount Carmel, 0.2 mile downstream from Patoka River, and at mile 94.4.

DRAINAGE AREA.--28,635 mi².

PERIOD OF RECORD.--October 1927 to current year.

REMARKS.--Flow partially regulated by upstream reservoirs.

AVERAGE DISCHARGE.--52 years, 27,150 ft³/s, 12.87 in/yr.

MINIMUM DAILY DISCHARGE.--1,650 ft³/s Sept. 27, 28, 1941.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	3,660	3,720	3,820	4,020	4,430	5,170	6,850	8,980
5	2,620	2,670	2,730	2,850	3,120	3,510	4,310	5,490
10	2,190	2,240	2,280	2,370	2,600	2,880	3,380	4,240
20	1,890	1,930	1,970	2,030	2,240	2,460	2,750	3,420
50	1,600	1,630	1,660	1,710	1,890	2,060	2,180	2,680

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	184,000	156,000	152,000	128,000	91,600	66,000	42,200	29,100	20,500

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	14,700	10,700	7,750	5,740	3,940	3,140	2,640	2,400	2,270

WABASH RIVER BASIN

03378550 BIG CREEK NEAR WADESVILLE, IN

LOCATION.--Lat 38°04'58", long 87°46'10", in SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.16, T.5 S., R.12 W., Posey County, Hydrologic Unit 05120113, on left bank at downstream side of bridge on State Highway 66, 0.6 mile northwest of Blairsville, and 1.6 miles southeast of Wadesville.

DRAINAGE AREA.--104 mi².

PERIOD OF RECORD.--July 1965 to current year.

AVERAGE DISCHARGE.--14 years, 114 ft³/s, 14.89 in/yr.

MINIMUM DAILY DISCHARGE.--No flow at times most years.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.0	0.0	0.0	0.1	1.7	3.7	16.2	31.5
5	.0	.0	.0	.0	.1	.8	7.3	14.0
10	.0	.0	.0	.0	.0	.3	4.9	8.6
20	.0	.0	.0	.0	.0	.1	3.6	5.5
50	.0	.0	.0	.0	.0	.1	2.6	3.3

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	2,680	2,080	2,000	1,230	492	220	94.0	53.0	32.0

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	19.0	9.9	4.0	1.2	.2	.0	.0	.0	.0

STREAMS TRIBUTARY TO LAKE MICHIGAN

04093000 DEEP RIVER AT LAKE GEORGE OUTLET AT HOBART, IN

LOCATION.--Lat 41°32'10", long 87°15'25", in NW¼NW¼ sec.32, T.36 N., R.7 W., Lake County, Hydrologic Unit 04040001, on left bank at upstream side of bridge on Center Street in Hobart, 300 ft upstream from Duck Creek, and 400 ft downstream from Lake George Dam.

DRAINAGE AREA.--124 mi².

PERIOD OF RECORD.--April 1947 to current year.

REMARKS.--Flow occasionally regulated by Lake George Dam.

AVERAGE DISCHARGE.--32 years, 103 ft³/s, 11.28 in/yr.

MINIMUM DAILY DISCHARGE.--No flow Nov. 5, 1978, due to regulation of Lake George Dam.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	7.4	8.0	9.2	11	12	15	21	32
5	4.7	5.3	5.9	6.7	9.0	11	14	18
10	4.4	5.0	5.5	5.5	7.9	9.0	12	14
20	4.3	4.7	5.2	5.2	7.1	7.9	10	11
50	4.2	4.4	5.0	5.0	6.3	6.8	8.5	8.5

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time													
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70	
Ft ³ /s	1,110	925	897	683	416	246	134	85	58	41	29	21	

Percent	80	90	95	98	99	99.5	
Ft ³ /s	16	12	9.5	7.3	6.1	5.4	

STREAMS TRIBUTARY TO LAKE MICHIGAN

04094000 LITTLE CALUMET RIVER AT PORTER, IN

LOCATION.--Lat 41°37'18", long 87°05'13", in NE¼NE¼ sec.34, T.37 N., R.6 W., Porter County, Hydrologic Unit 04040001, on right bank at downstream end of county road bridge, 200 ft upstream from bridge on U.S. Highway 20, 0.8 mile northwest of Porter, and 4.5 miles upstream from Salt Creek.

DRAINAGE AREA.--66.2 mi².

PERIOD OF RECORD.--May 1945 to current year.

AVERAGE DISCHARGE.--34 years, 72.1 ft³/s, 14.79 in/yr.

MINIMUM DAILY DISCHARGE.--17 ft³/s Aug. 24, 1965.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	23	23	24	26	26	29	33	40
5	20	21	21	22	23	25	28	32
10	19	20	20	21	22	24	26	30
20	18	19	19	20	21	22	24	27
50	17	18	18	19	20	21	23	24

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time													
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70	
Ft ³ /s	646	499	478	347	209	132	83	64	53	45	39	35	

Percent	80	90	95	98	99	99.5	
Ft ³ /s	31	27	24	22	21	20	

STREAMS TRIBUTARY TO LAKE MICHIGAN

04094500 SALT CREEK NEAR McCool, IN

LOCATION.--Lat 41°35'48", long 87°08'40", in SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.6, T.36 N., R.6 W., Porter County, Hydrologic Unit 04040001, on left bank on downstream side of highway bridge, 50 ft downstream from New York Central Railroad bridge, 1.2 miles north of McCool, 1.5 miles upstream from Little Calumet River, and at mile 1.6.

DRAINAGE AREA.--74.6 mi².

PERIOD OF RECORD.--May 1945 to current year.

AVERAGE DISCHARGE.--34 years, 71.8 ft³/s, 13.07 in/yr.

MINIMUM DAILY DISCHARGE.--14 ft³/s Sept. 8, 1964.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	24	24	25	26	27	30	36	42
5	21	21	22	22	24	25	29	32
10	19	20	20	20	22	23	26	29
20	17	18	18	19	20	21	23	26
50	11	17	14	16	18	18	21	23

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time													
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70	
Ft ³ /s	620	502	479	352	215	134	83	64	53	45	39	34	

Percent	80	90	95	98	99	99.5	
Ft ³ /s	31	27	25	22	21	18	

STREAMS TRIBUTARY TO LAKE MICHIGAN

04095300 TRAIL CREEK AT MICHIGAN CITY, IN

LOCATION.--Lat 41°43'00", long 86°51'35", in SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec.27, T.38 N., R.4 W., LaPorte County, Hydrologic Unit 04040001, on left downstream wingwall of bridge on Springland Avenue in Michigan City, 1.0 mile upstream from Otter Creek, and 4.2 miles upstream from mouth.

DRAINAGE AREA.--54.1 mi².

PERIOD OF RECORD.--June 1969 to current year.

REMARKS.--Records good except those for winter periods, which are fair.

AVERAGE DISCHARGE.--10 years, 68.4 ft³/s, 17.16 in./yr.

MINIMUM DAILY DISCHARGE.--20 ft³/s Aug. 1, 1977.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	25	26	27	28	31	33	38	43
5	22	23	24	26	28	31	35	39
10	21	22	23	25	27	31	34	37
20	20	21	22	24	26	30	33	36
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	472	371	356	253	159	116	84	68	58	51	45	40

Percent	80	90	95	98	99	99.5
Ft ³ /s	36	32	29	27	25	24

STREAMS TRIBUTARY TO LAKE MICHIGAN

04096100 GALENA RIVER NEAR LAPORTE, IN

LOCATION.--Lat 41°44'54", long 86°40'30", in SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.17, T.38 N., R.2 W., LaPorte County, Hydrologic Unit 04040001, on left bank at downstream side of bridge on County Road 125 East, 1.3 miles upstream from Indiana-Michigan State line, and 9.8 miles north of Courthouse in LaPorte.

DRAINAGE AREA.--17.2 mi².

PERIOD OF RECORD.--October 1969 to current year.

AVERAGE DISCHARGE.--10 years, 24.7 ft³/s, 19.50 in/yr.

MINIMUM DAILY DISCHARGE.--6.7 ft³/s Sept. 13, 1973.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	8.4	8.6	9.0	9.8	11	12	14	17
5	7.3	7.6	8.1	9.0	9.7	11	13	16
10	6.8	7.1	7.6	8.6	9.3	10	13	15
20	6.4	6.7	7.3	8.3	8.9	9.9	12	14
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time													
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70	
Ft ³ /s	117	101	98	76	53	41	32	27	24	21	19	16	

Percent	80	90	95	98	99	99.5	
Ft ³ /s	14	11	9.8	8.8	8.1	7.6	

STREAMS TRIBUTARY TO LAKE MICHIGAN

04097970 LIME LAKE OUTLET AT PANAMA, IN

LOCATION.--Lat 41°42'46", long 85°07'10", in NW¹/₄NW¹/₄ sec.35, T.38 N., R.12 E., Steuben County, Hydrologic Unit 04050001, on right bank 10 ft downstream from dam for Lime Lake, 30 ft upstream from bridge on Orland Road, and 0.7 mile northwest of Panama.

DRAINAGE AREA.--17.5 mi², of which 3.68 mi² does not contribute directly to surface runoff.

PERIOD OF RECORD.--October 1969 to current year.

REMARKS.--Occasional regulation by control structure for Lime Lake.

AVERAGE DISCHARGE.--11 years, 6.63 ft³/s, 5.14 in/yr.

MINIMUM DAILY DISCHARGE.--No flow at times during 1971 and 1972.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.0	0.2	0.2	0.3	0.6	0.8	1.3	2.3
5	.0	.0	.0	.1	.1	.2	.6	1.1
10	.0	.0	.0	.0	.0	.1	.4	.7
20	.0	.0	.0	.0	.0	.0	.3	.5
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	30	27	27	24	20	17	13	9.6	7.0	4.6	3.4	2.0

Percent	80	90	95	98	99	99.5
Ft ³ /s	1.0	.4	.1	.0	.0	.0

STREAMS TRIBUTARY TO LAKE MICHIGAN

04099510 PIGEON CREEK NEAR ANGOLA, IN

LOCATION.--Lat 41°38'04", long 85°06'35", in NW¼SE¼ sec.26, T.37 N., R.12 E., Steuben County, Hydrologic Unit 04050001, on left bank 5 ft upstream from bridge on U.S. Highway 20, 1.3 miles downstream from outlet of Hogback Lake, 1.3 miles southeast of Flint, and 5.8 miles west of Angola.

DRAINAGE AREA.--106 mi², of which 22.5 mi² does not contribute directly to surface runoff.

PERIOD OF RECORD.--October 1945 to current year. Prior to October 1947, published as "near Flint". Published as Pigeon Creek at Hogback Lake Outlet near Angola, October 1947 to September 1971, and Pigeon Creek and Hogback Lake near Angola, October 1971 to September 1974.

AVERAGE DISCHARGE.--34 years, 74.9 ft³/s, 9.60 in/yr.

MINIMUM DAILY DISCHARGE.--3.4 ft³/s Oct. 25-27, 1964.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	12	12	12	13	14	16	21	28
5	7.4	7.4	7.6	8.2	8.9	10	13	16
10	5.6	5.6	5.8	6.2	6.8	7.8	9.7	12
20	4.4	4.4	4.6	4.9	5.4	6	7.4	8.9
50	3.2	3.3	3.5	3.7	4.0	4.6	5.5	6.3

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time													
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70	
Ft ³ /s	433	380	371	317	244	180	113	79	59	44	32	25	

Percent	80	90	95	98	99	99.5	
Ft ³ /s	19	13	8.9	6.5	5.5	4.8	

STREAMS TRIBUTARY TO LAKE MICHIGAN

04099610 PRETTY LAKE INLET NEAR STROH, IN

LOCATION.--Lat 41°34'49", long 85°14'59", in SW¼NW¼ sec.15, T.36 N., R.11 E., Lagrange County, Hydrologic Unit 04050001, on left bank 400 ft upstream from mouth, 2.6 miles west of Stroh.

DRAINAGE AREA.--1.96 mi², of which 1.32 mi² does not contribute directly to surface runoff.

PERIOD OF RECORD.--June 1963 to current year.

AVERAGE DISCHARGE.--16 years, 0.48 ft³/s, 3.33 in/yr.

MINIMUM DAILY DISCHARGE.--No flow at times during 1963-65.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2
5	.0	.0	.0	.0	.0	.1	.1	.1
10	.0	.0	.0	.0	.0	.0	.1	.1
20	.0	.0	.0	.0	.0	.0	.0	.1
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time													
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70	
Ft ³ /s	4.6	3.5	3.4	2.4	1.5	1.1	.7	.5	.4	.3	.2	.1	

Percent	80	90	95	98	99	99.5	
Ft ³ /s	.1	.0	.0	.0	.0	.0	

STREAMS TRIBUTARY TO LAKE MICHIGAN

04099750 PIGEON RIVER NEAR SCOTT, IN

LOCATION.--Lat 41°44'56", long 85°34'35", in SE¼NW¼ sec.14, T.38 N., R.8 E., Lagrange County, Hydrologic Unit 04050001, on right bank 20 ft downstream from bridge on County Road 750 North, 1,200 ft downstream from Page ditch, 0.7 mile south of Indiana-Michigan State line, and 1.2 miles northwest of Scott.

DRAINAGE AREA.--361 mi² of which 53.9 mi² does not contribute directly to surface runoff.

PERIOD OF RECORD.--June 1968 to current year.

AVERAGE DISCHARGE.--12 years, 333 ft³/s, 12.53 in/yr.

MINIMUM DAILY DISCHARGE.--42 ft³/s Oct. 21, 1971.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	119	121	125	131	139	152	177	200
5	87	96	99	103	113	127	143	161
10	52	82	86	91	99	111	123	138
20	---	---	---	---	---	---	---	---
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	
Ft ³ /s	1,400	1,320	1,300	1,040	778	643	481	398	322	

Percent	50	60	70	80	90	95	98	99	99.5	
Ft ³ /s	258	217	187	162	137	116	94	85	78	

STREAMS TRIBUTARY TO LAKE MICHIGAN

04100222 NORTH BRANCH ELKHART RIVER AT COSPERVILLE, IN

LOCATION.--Lat 41°28'54", long 85°28'32", in NE¼NW¼ sec.22, T.35 N., R.9 E., Noble County, Hydrologic Unit 04050001, on right bank at downstream side of bridge on County Road 900 North, 1,300 ft downstream from Boyd ditch, 1.7 miles upstream from Hustin ditch, and 3.1 miles downstream from Waldron Lake.

DRAINAGE AREA.--142 mi².

PERIOD OF RECORD.--October 1971 to current year.

REMARKS.--Flow regulated at times by dam at Waldron Lake.

AVERAGE DISCHARGE.--8 years, 125 ft³/s, 11.95 in/yr.

MINIMUM DAILY DISCHARGE.--2.4 ft³/s Nov. 21, 1971.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	---	---	15	---	---	---	---	---
5	---	---	---	---	---	---	---	---
10	---	---	4	---	---	---	---	---
20	---	---	---	---	---	---	---	---
50	---	---	---	---	---	---	---	---

STREAMS TRIBUTARY TO LAKE MICHIGAN

04100252 FORKER CREEK NEAR BURR OAK, IN

LOCATION.--Lat 41°19'58", long 85°25'25", in SE¼NE¼ sec.12, T.33 N., R.9 E., Noble County, Hydrologic Unit 04050001, on right bank 300 ft downstream from bridge on State Highway 9, 400 ft downstream from Miller Lake Outlet, 0.8 mile northeast of Burr Oak, and 4.5 miles south of Albion.

DRAINAGE AREA.--19.2 mi².

PERIOD OF RECORD.--June 1969 to current year.

REMARKS.--Occasional regulation at Miller Lake Outlet.

AVERAGE DISCHARGE.--10 years, 15.7 ft³/s, 11.10 in/yr.

MINIMUM DAILY DISCHARGE.--0.13 ft³/s Sept. 10, 1972.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.3	0.4	0.4	0.5	0.6	1.0	2.0	4.0
5	.2	.2	.2	.3	.3	.4	.8	1.6
10	.1	.2	.2	.2	.2	.3	.5	1
20	.1	.1	.1	.1	.1	.2	.3	.6
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	135	112	111	95	68	46	26	18	12	7.3	4.6	2.6

Percent	80	90	95	98	99	99.5
Ft ³ /s	1.3	.6	.3	.2	.2	.2

STREAMS TRIBUTARY TO LAKE MICHIGAN

04100465 TURKEY CREEK AT SYRACUSE, IN

LOCATION.--Lat 41°25'35", long 85°45'16", in NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.6, T.34 N., R.7 E., Kosciusko County, Hydrologic Unit 04050001, on right bank 75 ft upstream from Main Street bridge in Syracuse and 1,500 ft downstream from dam at outlet of Syracuse Lake.

DRAINAGE AREA.--43.8 mi².

PERIOD OF RECORD.--October 1969 to current year.

REMARKS.--Flow occasionally regulated by dam on Syracuse Lake.

AVERAGE DISCHARGE.--10 years, 33.6 ft³/s, 10.42 in/yr.

MINIMUM DAILY DISCHARGE.--0.82 ft³/s Oct. 8, 1978.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	2.7	2.9	3.1	3.3	3.5	4.1	8.0	13
5	1.7	1.9	1.9	2.3	2.5	3.0	4.4	6.7
10	.8	1.0	1.3	1.7	2.1	2.6	3.1	3.3
20	---	---	---	---	---	---	---	---
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	129	119	117	106	91	80	66	52	38	24	16	8.8

Percent	80	90	95	98	99	99.5
Ft ³ /s	5.3	3.8	2.8	2.2	2.0	1.9

STREAMS TRIBUTARY TO LAKE MICHIGAN

04100500 ELKHART RIVER AT GOSHEN, IN

LOCATION.--Lat 41°35'36", long 85°50'55", in NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.8, T.36 N., R.6 E., Elkhart County, Hydrologic Unit 04050001, on right bank 20 ft downstream from River Avenue bridge at Goshen, 0.4 mile upstream from Rock Run, and at mile 16.1.

DRAINAGE AREA.--594 mi².

PERIOD OF RECORD.--April 1931 to current year.

AVERAGE DISCHARGE.--48 years, 502 ft³/s, 11.48 in/yr.

MINIMUM DAILY DISCHARGE.--7.0 ft³/s Aug. 11, 1964, result of extreme regulation.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	113	129	132	140	152	171	207	245
5	59	85	97	103	112	121	145	173
10	35	63	81	86	94	101	119	144
20	17	47	69	73	80	86	101	125
50	7	19	56	60	67	72	84	106

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	
Ft ³ /s	2,670	2,380	2,310	1,900	1,390	1,080	748	567	442	

Percent	50	60	70	80	90	95	98	99	99.5	
Ft ³ /s	351	284	231	188	144	114	86	71	57	

STREAMS TRIBUTARY TO LAKE MICHIGAN

04101000 ST. JOSEPH RIVER AT ELKHART, IN

LOCATION.--Lat 41°41'30", long 85°58'30", in SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec.5, T.37 N., R.5 E., Elkhart County, Hydrologic Unit 04050001, on left bank 200 ft downstream from mouth of Elkhart River, 200 ft upstream from Main Street bridge in Elkhart, 2,000 ft downstream from Christiana Creek, 0.5 mile downstream from Elkhart Hydroelectric Plant, and at mile 76.5.

DRAINAGE AREA.--3,370 mi².

PERIOD OF RECORD.--August 1947 to current year.

REMARKS.--The flow is regulated by Elkhart Hydroelectric Plant.

AVERAGE DISCHARGE.--32 years, 3,075 ft³/s, 12.39 in/yr.

MINIMUM DAILY DISCHARGE.--336 ft³/s Aug. 5, 1964.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	950	1,100	1,200	1,250	1,330	1,470	1,710	1,940
5	693	841	940	994	1,070	1,160	1,320	1,470
10	573	720	818	871	939	1,010	1,130	1,260
20	483	627	724	777	842	896	987	1,090
50	393	531	627	680	740	776	837	924

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	1,110	9,650	9,410	8,240	6,830	5,680	4,420	3,570	2,960

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	2,520	2,186	1,870	1,570	1,260	1,080	880	768	701

STREAMS TRIBUTARY TO LAKE ERIE

04177720 FISH CREEK AT HAMILTON, IN

LOCATION.--Lat 41°31'55", long 84°54'12", in SE¼SW¼ sec.34, T.36 N., R.14 E., Steuben County, Hydrologic Unit 04100003 on left bank 6 ft upstream from bridge on County Road 775 South, 0.5 mile downstream from Hamilton Lake outlet, and 0.5 mile southeast of Hamilton.

DRAINAGE AREA.--37.5 mi².

PERIOD OF RECORD.--October 1969 to current year.

AVERAGE DISCHARGE.--10 years, 29.2 ft³/s, 10.57 in/yr.

MINIMUM DAILY DISCHARGE.--0.52 ft³/s Aug. 31, 1971.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	1.6	1.7	2.0	2.1	2.6	3.8	5.6	8.6
5	1.2	.9	1.4	1.5	2.0	2.8	3.6	5.1
10	.6	.6	.8	1.3	1.7	2.3	2.9	3.9
20	---	---	---	---	---	---	---	---
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time													
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70	
Ft ³ /s	293	251	245	191	116	74	43	28	18	13	8.8	6.2	

Percent	80	90	95	98	99	99.5	
Ft ³ /s	4.3	2.9	2.2	1.7	1.5	1.3	

STREAMS TRIBUTARY TO LAKE ERIE

04178000 ST. JOSEPH RIVER NEAR NEWVILLE, IN

LOCATION.--Lat 41°23'08", long 84°48'06", in SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.18, T.5 N., R.1 E., Defiance County, Ohio, Hydrologic Unit 04100003, on left bank at bridge on Ohio State Highway 249, 3.5 miles northeast of Newville and 6.5 miles northwest of Hicksville, Ohio.

DRAINAGE AREA.--610 mi².

PERIOD OF RECORD.--October 1946 to current year.

AVERAGE DISCHARGE.--33 years, 504 ft³/s, 11.22 in/yr.

MINIMUM DAILY DISCHARGE.--14 ft³/s Sept. 10, 16, 1964.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	31	32	34	36	42	52	81	124
5	21	22	23	24	28	33	48	70
10	18	18	19	20	23	26	37	52
20	15	16	16	17	19	22	30	40
50	13	13	14	15	16	18	24	30

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	4,560	3,930	3,820	3,080	2,160	1,440	729	441	293

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	197	131	90	62	42	32	24	21	19

STREAMS TRIBUTARY TO LAKE ERIE

04179000 ST. JOSEPH RIVER AT CEDARVILLE, IN

LOCATION.--Lat 41°11'46", long 85°01'27", in J. Hackley Reserve, T.32 N., R.13 E., Allen County, Hydrologic Unit 04100003, on left bank 700 ft upstream from highway bridge, 0.4 mile south of Cedarville, 0.5 mile upstream from Cedar Creek, 0.6 mile downstream from Cedarville Dam, and at mile 13.9.

DRAINAGE AREA.--763 mi².

PERIOD OF RECORD.--October 1955 to current year.

REMARKS.--Flow regulated by Cedarville Reservoir and some flow diverted into storage of Hurshtown Reservoir. Stage-discharge relation affected at times by backwater from Cedar Creek.

AVERAGE DISCHARGE.--24 years (1955 to current year), 607 ft³/s, 10.80 in/yr.

MINIMUM DAILY DISCHARGE.--1.6 ft³/s May 22, 27, 1958.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	35	42	47	50	60	71	104	158
5	17	20	27	37	41	46	65	91
10	9.5	11	18	32	34	38	52	68
20	5.4	6.4	13	28	30	32	43	53
50	2.5	3.0	7.9	25	25	28	35	40

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	5,530	4,750	4,570	3,720	2,550	1,700	893	546	367

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	249	169	118	80	57	45	34	29	22

STREAMS TRIBUTARY TO LAKE ERIE

04179500 CEDAR CREEK AT AUBURN, IN

LOCATION.--Lat 41°21'57", long 85°03'08", in NE¼NW¼ sec. 32, T.34 N., R.13 E., DeKalb County, Hydrologic Unit 04100003, on left bank 15 ft downstream from Ninth Street bridge in Auburn, and 2 miles upstream from John Diehl ditch.

DRAINAGE AREA.--87.3 mi².

PERIOD OF RECORD.--July 1943 to September 1973.

AVERAGE DISCHARGE.--30 years, 68.5 ft³/s, 10.66 in/yr.

MINIMUM DAILY DISCHARGE.--0.7 ft³/s Nov. 8, 1953.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	3.0	3.4	3.8	4.2	5.1	6.7	10	16
5	1.7	2.1	2.4	2.6	3.1	3.8	5.6	8.3
10	1.3	1.6	1.8	1.9	2.3	2.9	4.1	5.8
20	.9	1.3	1.4	1.5	1.8	2.4	3.2	4.3
50	.7	.9	1.0	1.0	1.4	1.9	2.4	3.1

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	737	623	600	471	296	180	94	58	39	27	18	12

Percent	80	90	95	98	99	99.5
Ft ³ /s	7.5	4.8	3.7	2.8	2.2	1.6

STREAMS TRIBUTARY TO LAKE ERIE

04180000 CEDAR CREEK NEAR CEDARVILLE, IN

LOCATION.--Lat 41°13'08", long 85°04'35", in NW¼NW¼ sec.19, T.32 N., R.13 E., Allen County, Hydrologic Unit 04100003, on left bank at downstream side of bridge on State Highway 427, 3 miles northwest of Cedarville, 5.8 miles upstream from mouth, and 10 miles south of Auburn.

DRAINAGE AREA.--270 mi².

PERIOD OF RECORD.--October 1946 to current year.

AVERAGE DISCHARGE.--33 years, 234 ft³/s, 11.77 in/yr.

MINIMUM DAILY DISCHARGE.--13 ft³/s Oct. 3, 1949.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	26	27	28	29	31	35	49	69
5	21	22	22	24	25	26	32	41
10	18	19	20	21	22	23	26	32
20	17	18	18	20	20	21	22	26
50	15	16	17	18	19	19	19	21

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	
Ft ³ /s	2,540	2,100	2,040	1,560	954	582	310	196	137	

Percent	50	60	70	80	90	95	98	99	99.5	
Ft ³ /s	101	73	52	39	30	26	23	21	20	

STREAMS TRIBUTARY TO LAKE ERIE

04181500 ST. MARYS RIVER AT DECATUR, IN

LOCATION.--Lat 40°50'55", long 84°56'16", in SW¹/₄SW¹/₄ sec.27, T.28 N., R.14 E., Adams County, Hydrologic Unit 04100004, on right bank 10 ft downstream from bridge on U.S. Highway 27, 0.5 mile upstream from Holthouse ditch, 1.3 miles north of Decatur, and at mile 29.1.

DRAINAGE AREA.--621 mi².

PERIOD OF RECORD.--October 1946 to current year.

REMARKS.--Flow regulated by Grand Lake. Slight diversion from or into Wabash River basin and into Miami and Erie Canal.

AVERAGE DISCHARGE.--33 years, 489 ft³/s, 10.69 in/yr.

MINIMUM DAILY DISCHARGE.--5.4 ft³/s Oct. 18, 1960

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	15	16	18	19	22	30	51	84
5	11	11	12	13	15	18	24	37
10	8.6	9.2	9.8	11	12	14	17	24
20	5.2	6.6	7.0	8.8	10	12	12	17
50	4.3	4.8	4.2	7.0	8.5	9.9	8.9	11

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	5,800	4,750	4,570	3,610	2,350	1,470	679	341	186

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	112	70	43	28	20	16	13	12	10

STREAMS TRIBUTARY TO LAKE ERIE

04182000 ST. MARYS RIVER NEAR FORT WAYNE, IN

LOCATION.--Lat 40°59'16", long 85°06'03", in A. LaFontaine Reserve, T.29 N., R.12 E., Allen County, Hydrologic Unit 04100003, on left bank 130 ft downstream from Anthony Boulevard Extension, 0.8 mile downstream from Houk ditch, 5 miles south of Fort Wayne, and 10.8 miles upstream from mouth.

DRAINAGE AREA.--762 mi².

PERIOD OF RECORD.--October 1930 to current year.

REMARKS.--The flow is sometimes regulated by Grand Lake. Slight diversion from or into Wabash River basin and into Miami and Erie Canal.

AVERAGE DISCHARGE.--49 years 568 ft³/s, 10.12 in/yr.

MINIMUM DAILY DISCHARGE.--3.4 ft³/s Oct. 19, 1934.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	15	16	17	19	22	31	56	92
5	10	10	11	13	15	19	27	44
10	7.7	8.2	9.1	10	12	15	19	30
20	6.2	6.7	7.5	8.5	11	13	15	22
50	4.8	5.3	5.9	6.9	9.2	11	11	16

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	
Ft ³ /s	7,030	5,870	5,710	4,480	2,950	1,720	777	400	223	

Percent	50	60	70	80	90	95	98	99	99.5	
Ft ³ /s	134	83	52	33	22	17	13	11	9.3	

STREAMS TRIBUTARY TO LAKE ERIE

04182590 HARBER DITCH AT FORT WAYNE, IN

LOCATION.--Lat 41°00'27", long 85°10'58", in NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.33, T.30 N., R.12 E., Allen County, Hydrologic Unit 04100004, on left bank 50 ft upstream from bridge on Baer Road, at Fort Wayne, 3.2 miles upstream from mouth. The stream name changes to Fairfield ditch 0.7 mile downstream at bridge on Lower Huntington Road.

DRAINAGE AREA.--21.9 mi².

PERIOD OF RECORD.--May 1964 to current year.

AVERAGE DISCHARGE.--15 years 18.2 ft³/s, 11.29 in/yr.

MINIMUM DAILY DISCHARGE.--0.06 ft³/s Oct. 27, 1974.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.2	0.2	0.2	0.3	0.5	0.9	1.7	3.6
5	.1	.1	.1	.2	.3	.5	.8	1.7
10	.1	.1	.1	.1	.2	.3	.6	1.1
20	.1	.1	.1	.1	.1	.2	.4	.8
50	.1	.1	.1	.1	.1	.2	.3	.5

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	
Ft ³ /s	324	258	248	170	87	44	20	11	6.3	3.8	2.3	

Percent	70	80	90	95	98	99	99.5	
Ft ³ /s	1.3	.7	.4	.2	.1	.1	.1	

STREAMS TRIBUTARY TO LAKE ERIE

04183000 MAUMEE RIVER AT NEW HAVEN, IN

LOCATION.--Lat 41°05'06", long 85°01'20", in SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.2, T.30 N., R.13 E., Allen County, Hydrologic Unit 04100005, on left bank 600 ft upstream from bridge on Landin Road, 1,400 ft upstream from the Wabash Railroad bridge, 1.1 miles northwest of New Haven, 2.8 miles upstream from Sixmile Creek and at mile 129.0.

DRAINAGE AREA.--1,967 mi².

PERIOD OF RECORD.--October 1956 to current year.

REMARKS.--Flow regulated by hydro-powerplant on the St. Joseph River 10.3 miles upstream from station. Flow slightly regulated by upstream reservoirs.

AVERAGE DISCHARGE.--23 years (1956 to current year), 1,582 ft³/s, 10.9 in/yr.

MINIMUM DAILY DISCHARGE.--48 ft³/s Oct. 6, 13, 1963.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	93	105	119	132	152	196	291	423
5	70	77	86	95	106	122	166	222
10	61	65	72	79	88	98	123	156
20	53	56	61	67	75	83	96	115
50	---	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time								
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30
Ft ³ /s	14,600	12,300	12,000	9,730	6,700	4,470	2,440	1,410

Percent	40	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	897	602	406	281	186	132	107	87	74	65

ILLINOIS RIVER BASIN

05515000 KANKAKEE RIVER NEAR NORTH LIBERTY, IN

LOCATION.--Lat 41°33' 50", long 86°29' 50", in NW¹NE¹ sec.23, T.36 N., R.1 W., St. Joseph County, Hydrologic Unit 07120001, on left bank at downstream side of bridge on county highway named "New Road", 2.7 miles upstream from Little Kankakee River, 4 miles northwest of North Liberty, and at mile 126.9.

DRAINAGE AREA.--174 mi², of which 58.2 mi² does not contribute directly to surface runoff.

PERIOD OF RECORD.--January 1951 to current year.

AVERAGE DISCHARGE.--28 years, 147 ft³/s, 11.47 in/yr.

MINIMUM DAILY DISCHARGE.--46 ft³/s Sept. 9, 10, 1964.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	64	65	68	70	75	81	92	106
5	55	56	59	61	66	71	80	89
10	50	52	55	57	61	66	74	82
20	47	49	52	54	58	63	69	76
50	44	46	49	51	55	60	65	71

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time											
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	
Ft ³ /s	501	457	449	380	303	244	192	163	143	126	

Percent	60	70	80	90	95	98	99	99.5
Ft ³ /s	113	99	88	77	70	63	58	55

ILLINOIS RIVER BASIN

05515400 KINGSBURY CREEK NEAR LAPORTE, IN

LOCATION.--Lat 41°32'49", long 86°43'48", in SW¹SE¹ sec.23, T.36 N., R.3 W., LaPorte County, Hydrologic Unit 07120001, on left bank at upstream side of bridge on County Road 400 South, 0.5 mile east of State Highway 39, 1.5 miles west of U.S. Highway 35, and 3 miles south of LaPorte city limits.

DRAINAGE AREA.--7.08 mi², of which 4.07 mi² does not contribute directly to surface runoff.

PERIOD OF RECORD.--October 1970 to current year.

AVERAGE DISCHARGE.--9 years, 4.06 ft³/s, 7.79 in/yr.

MINIMUM DAILY DISCHARGE.--0.83 ft³/s Dec. 3, 1971.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	---	---	1.7	---	---	---	---	---
5	---	---	---	---	---	---	---	---
10	---	---	1.0	---	---	---	---	---
20	---	---	---	---	---	---	---	---
50	---	---	---	---	---	---	---	---

ILLINOIS RIVER BASIN

05515500 KANKAKEE RIVER AT DAVIS, IN

LOCATION.--Lat 41°24'00", long 86°42'04", in SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.13, T.34 N., R.3 W., Starke County, Hydrologic Unit 07120001, on left bank at downstream side of bridge on U.S. Highway 30 at Davis, 0.5 mile downstream from Mill Creek, 4 miles east of Hanna, and at mile 110.9.

DRAINAGE AREA.--537 mi², of which 137 mi² does not contribute directly to surface runoff.

PERIOD OF RECORD.--July 1905 to July 1906 and October 1924 to current year.

AVERAGE DISCHARGE.--55 years, 1924 to current year, 494 ft³/s, 12.49 in./yr.

MINIMUM DAILY DISCHARGE.--154 ft³/s Aug. 30 to Sept. 3, 1941.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	243	245	251	258	270	289	322	351
5	200	202	206	213	224	240	270	294
10	180	181	185	191	203	218	246	269
20	164	166	169	174	186	200	227	250
50	148	149	151	157	168	182	208	232

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	
Ft ³ /s	1,340	1,260	1,250	1,160	1,010	856	659	553	478	

Percent	50	60	70	80	90	95	98	99	99.5	
Ft ³ /s	427	385	347	307	264	238	212	192	178	

ILLINOIS RIVER BASIN

05516000 YELLOW RIVER NEAR BREMAN, IN

LOCATION.--Lat 41°25'11", long 86°10'14", in NW¼NW¼ sec.10, T.34 N., R.3 E., Marshall County, on left bank at downstream side of bridge on East 4th Road, 0.5 mile downstream from Bunch ditch, 2 miles southwest of Bremen, and 4 miles upstream from Dausman ditch.

DRAINAGE AREA.--135 mi².

PERIOD OF RECORD.--August 1955 to September 1973.

AVERAGE DISCHARGE.--18 years, 104 cfs, 10.46 in./yr.

MINIMUM DAILY DISCHARGE.--6.2 cfs, Oct. 17, 1964, and Oct. 1, 2, 1971.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	8.5	8.6	8.9	9.4	10	12	18	29
5	6.6	6.7	6.9	7.3	7.7	8.2	11	16
10	6.0	6.1	6.3	6.6	6.8	7.1	8.9	12
20	5.6	5.7	5.9	6.2	6.3	6.4	7.8	10
50	5.3	5.4	5.5	5.8	5.9	6.0	6.8	8.4

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time													
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70	
Ft ³ /s	1,070	975	949	811	472	257	130	78	54	39	29	21	

Percent	80	90	95	98	99	99.5
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Ft ³ /s	14	10	8.4	7.5	7.2	6.6
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ILLINOIS RIVER BASIN

05516500 YELLOW RIVER AT PLYMOUTH, IN

LOCATION.--Lat 41°20'25", long 86°18'16", in SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.13, T.33 N., R.2 E., Marshall County, Hydrologic Unit 07120001, on left bank 50 ft upstream from LaPorte Street footbridge in Plymouth, 1.1 miles downstream from Elmer Seltenright (formerly Baker) ditch, 8.1 miles upstream from Wolf Creek, and at mile 40.3.

DRAINAGE AREA.--294 mi², of which 22 mi² does not contribute directly to surface runoff.

PERIOD OF RECORD.--July 1948 to current year.

AVERAGE DISCHARGE.--31 years, 251 ft³/s, 11.59 in/yr.

MINIMUM DAILY DISCHARGE.--13 ft³/s Dec. 3, 7, 1964.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	28	29	31	32	35	42	58	84
5	21	21	22	24	26	29	38	50
10	18	18	19	20	23	25	31	39
20	16	16	17	18	20	23	27	32
50	13	14	15	16	18	20	23	26

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	2,070	1,830	1,770	1,520	1,040	661	346	220	152

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	112	86	64	47	35	29	24	23	20

ILLINOIS RIVER BASIN

05517000 YELLOW RIVER AT KNOX, IN

LOCATION.--Lat 41°18'10", long 86°37'14", in SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.14, T.33 N., R.2 W., Starke County, Hydrologic Unit 07120001, on right bank 40 ft upstream from bridge on U.S. Highway 35 in Knox, 1.4 miles downstream from Eagle Creek, and 11.6 miles upstream from mouth.

DRAINAGE AREA.--435 mi², of which 51 mi² does not contribute directly to surface runoff.

PERIOD OF RECORD.--August to July 1906, August 1943 to current year.

AVERAGE DISCHARGE.--36 years (1943 to current year), 385 ft³/s, 12.02 in/yr.

MINIMUM DAILY DISCHARGE.--50 ft³/s Jan. 21-31, 1963.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	94	97	101	105	110	122	148	180
5	74	77	81	82	88	94	109	126
10	65	69	71	73	79	84	94	106
20	58	63	65	66	73	77	84	93
50	52	56	58	59	66	71	75	81

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	2,430	2,180	2,120	1,700	1,210	850	548	396	303

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	241	196	159	130	104	93	84	79	73

ILLINOIS RIVER BASIN

05517500 KANKAKEE RIVER AT DUNNS BRIDGE, IN

LOCATION.--Lat 41°13'17", long 86°57'52", in NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.15, T.32 N., R.5 W., Jasper County, Hydrologic Unit 07120001, on left bank at downstream side of county highway bridge at Dunns Bridge, 1.8 miles north of Tefft, 3.6 miles upstream from Davis ditch, and at mile 90.8.

DRAINAGE AREA.--1,352 mi², of which 192 mi² does not contribute directly to surface runoff.

PERIOD OF RECORD.--July 1948 to current year.

AVERAGE DISCHARGE.--31 years, 1,285 ft³/s, 12.90 in/yr.

MINIMUM DAILY DISCHARGE.--280 ft³/s Jan. 25-29, 1963.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	441	444	455	471	495	540	654	766
5	362	364	373	385	405	438	511	583
10	327	327	336	347	366	398	450	508
20	300	301	309	318	338	370	407	455
50	273	273	281	290	310	343	364	403

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time								
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30
Ft ³ /s	4,200	3,860	3,800	3,450	3,000	2,550	1,910	1,500

Percent	40	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	1,240	1,040	872	725	612	488	425	378	355	338

ILLINOIS RIVER BASIN

05517890 COBB DITCH NEAR KOUTS, IN

LOCATION (revised).--Lat 41°20'19", long 87°04'30", in NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 2, T.33 N., R.6 W., Porter County, Hydrologic Unit 07120001, on left bank 15 ft upstream from county highway bridge, 1.6 miles upstream from mouth, and 3 miles west of Kouts.

DRAINAGE AREA.--30.3 mi².

PERIOD OF RECORD.--July 1968 to current year. Prior to October 1971, published as State ditch near Kouts.

AVERAGE DISCHARGE.--11 years, 32.6 ft³/s, 13.97 in/yr.

MINIMUM DAILY DISCHARGE.--8.9 ft³/s Sept. 11, 12, 1977.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	12	13	13	14	14	14	16	18
5	11	11	11	12	12	13	14	15
10	9.9	10	11	11	11	12	13	14
20	----	---	---	---	---	---	---	---
50	----	---	---	---	---	---	---	---

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time													
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70	
Ft ³ /s	308	256	245	164	91	60	39	30	25	21	19	18	

Percent	80	90	95	98	99	99.5	
Ft ³ /s	16	14	13	12	11	10	

ILLINOIS RIVER BASIN

05518000 KANKAKEE RIVER AT SHELBY, IN

LOCATION.--Lat 41°10'58", long 87°20'33", in SW¼NE¼ sec.33, T.32 N., R.8 W., Lake County, Hydrologic Unit 07120001, on right bank 25 ft upstream from Monon Railroad bridge, 1 mile south of Shelby, 7.7 miles upstream from Beaver Lake ditch, and at mile 67.9.

DRAINAGE AREA.--1,779 mi², of which 201 mi² does not contribute directly to surface runoff.

PERIOD OF RECORD.--October 1922 to current year.

REMARKS.--Records good except those for winter periods, which are fair.

AVERAGE DISCHARGE.--57 years, 1,583 ft³/s, 12.08 in/yr.

MINIMUM DAILY DISCHARGE.--260 ft³/s Jan. 13-15, 1954.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	549	557	564	581	610	654	778	909
5	444	450	463	479	502	534	623	712
10	395	398	417	433	455	485	560	634
20	356	358	382	399	419	451	515	578
50	315	316	345	363	384	418	471	524

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time									
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40
Ft ³ /s	4,990	4,680	4,640	4,270	3,780	3,220	2,390	1,850	1,510

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	1,260	1,050	885	742	605	534	476	441	411

ILLINOIS RIVER BASIN

05519000 SINGLETON DITCH AT SCHNEIDER, IN

LOCATION.--Lat 41°12'44", long 87°26'44", in SW¼NW¼ sec.22, T.32 N., R.9 W., Lake County, Hydrologic Unit 07120001, on left bank 15 ft upstream from bridge on Ackerman Avenue, 0.5 mile upstream from Bruce ditch, 1.5 miles downstream from Cedar Creek, and 1.6 miles north of Schneider.

DRAINAGE AREA.--123 mi².

PERIOD OF RECORD.--July 1948 to current year.

AVERAGE DISCHARGE.--31 years, 105 ft³/s, 11.59 in/yr.

MINIMUM DAILY DISCHARGE.--3.6 ft³/s Sept. 7, 8, 10, 1964.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	13	13	14	15	16	19	26	38
5	8.3	8.5	9.0	9.4	10	12	16	22
10	6.4	6.6	6.9	7.1	8.0	10	12	16
20	5.1	5.2	5.4	5.5	6.7	8.6	10	13
50	3.9	4.0	4.1	4.1	5.5	7.3	8.1	9.7

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	969	857	829	644	383	239	140	96	71	53	39	29

Percent	80	90	95	98	99	99.5
Ft ³ /s	23	16	12	9.1	7.9	5.8

ILLINOIS RIVER BASIN

05519500 WEST CREEK NEAR SCHNEIDER, IN

LOCATION.--Lat 41°12'52", long 87°29'36", in NW¹NE¹ sec.19, T.32 N., R.9 W., Lake County, Hydrologic Unit 07120003, on left bank downstream side of county highway bridge, 1.2 miles upstream from Singleton Ditch, and 2.8 miles northwest of Schneider.

DRAINAGE AREA.--54.7 mi².

PERIOD OF RECORD.--July 1948 to December 1951, January 1954 to September 30 1972.

AVERAGE DISCHARGE.--21 years, 41.4 ft³/s, 10.28 in/yr.

MINIMUM DAILY DISCHARGE.--2.6 ft³/s Sept. 29, 1957.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	6.6	6.6	6.9	7.1	7.6	8.7	11	16
5	4.7	5.0	5.3	5.8	6.2	6.9	7.8	9.6
10	3.8	4.2	4.6	5.2	5.6	6.1	6.5	7.3
20	3.2	3.6	4.0	4.7	5.1	5.4	5.6	5.8
50	2.5	3.0	3.5	4.3	4.7	4.8	4.8	4.5

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time													
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70	
Ft ³ /s	608	458	441	307	160	82	44	29	21	17	14	11	

Percent	80	90	95	98	99	99.5	
Ft ³ /s	9.0	7.3	6.2	5.2	4.8	4.5	

ILLINOIS RIVER BASIN

05521000 IROQUOIS RIVER AT ROSEBUD, IN

LOCATION.--Lat 41°02'00", long 87°10'49", in NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.24, T.30 N., R.7 W., Jasper County, Hydrologic Unit 07120002, on right bank 100 ft downstream from bridge on county road, 0.5 mile north of Rosebud, 0.5 mile downstream from confluence of Swain and Dexter ditches, 1.5 miles upstream from Davidson ditch, 2 miles east of Parr, and at mile 93.5.

DRAINAGE AREA.--35.6 mi².

PERIOD OF RECORD.--July 1948 to current year.

AVERAGE DISCHARGE.--31 years, 26.1 ft³/s, 9.96 in/yr.

MINIMUM DAILY DISCHARGE.--0.5 ft³/s Oct. 11, 12, 19, 1964.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	3.8	3.9	4.0	4.2	4.6	5.2	7.3	10
5	2.4	2.5	2.6	2.8	3.0	3.4	4.3	5.9
10	1.7	1.8	1.9	2.1	2.3	2.7	3.2	4.4
20	1.2	1.3	1.5	1.6	1.8	2.2	2.5	3.4
50	.7	.8	1.0	1.1	1.4	1.8	1.9	2.5

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time													
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70	
Ft ³ /s	219	180	174	133	85	60	39	28	21	15	11	7.7	

Percent	80	90	95	98	99	99.5	
Ft ³ /s	5.8	4.1	3.3	2.6	1.8	1.4	

ILLINOIS RIVER BASIN

05522000 IROQUOIS RIVER NEAR NORTH MARION, IN

LOCATION.--Lat 40°58'12", long 87°06'50", in NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.16, T.29 N., R.6 W., Jasper County, Hydrologic Unit 07120002, on downstream side of county highway bridge, 1.2 miles upstream from Ryan ditch, 2 miles east of North Marion, 3.5 miles northeast of Rensselaer, and at mile 87.7.

DRAINAGE AREA.--144 mi².

PERIOD OF RECORD.--December 1948 to current year.

AVERAGE DISCHARGE.--30 years (1949 to current year), 127 ft³/s, 11.98 in/yr.

MINIMUM DAILY DISCHARGE.--1.6 ft³/s Sept. 15, 1964.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	8.4	9.1	10	12	14	18	27	42
5	4.7	5.1	5.6	6.2	7.5	9.7	14	22
10	3.4	3.6	3.9	4.3	5.4	7.1	9.7	15
20	2.5	2.7	2.9	3.2	4	5.4	7	11
50	1.8	1.9	2	2.2	2.9	4	4.8	7.5

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	965	866	840	675	469	320	193	131	93	67	45	30

Percent	80	90	95	98	99	99.5
Ft ³ /s	21	13	8.8	5.6	4.3	3.3

ILLINOIS RIVER BASIN

05522500 IROQUOIS RIVER AT RENSSELAER, IN

LOCATION.--Lat 40°56'00", long 87°07'44", in NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec.29, T.29 N., R.6 W., Jasper County, Hydrologic Unit 07120002, on right bank 20 ft downstream from bridge on State Highway 114, 0.8 mile east of Rensselaer, 1.5 miles downstream from Ryan ditch, 5.5 miles upstream from Slough Creek, and at mile 84.9.

DRAINAGE AREA.--203 mi².

PERIOD OF RECORD.--July 1948 to current year.

AVERAGE DISCHARGE.--31 years, 163 ft³/s, 10.90 in/yr.

MINIMUM DAILY DISCHARGE.--2.2 ft³/s Sept. 9, 15, 16, 1964.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	11	11	13	14	17	21	34	51
5	6.1	6.6	7.3	8	9.5	12	17	26
10	4.5	4.8	5.3	5.7	7	8.5	11	18
20	3.5	3.7	4	4.3	5.4	6.6	8.1	13
50	2.6	2.7	2.9	3	4	5	5.4	8.6

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	
Ft ³ /s	1,380	1,210	1,180	951	635	420	241	158	112	

Percent	50	60	70	80	90	95	98	99	99.5
Ft ³ /s	79	54	37	24	15	11	6.7	5.2	4.4

ILLINOIS RIVER BASIN

05523000 BICE DITCH NEAR SOUTH MARION, IN

LOCATION.--Lat 40°52'00", long 87°05'32", in NE¼NW¼ sec.22, T.28 N., R.6 W., Jasper County, Hydrologic Unit 07120002, on left bank at upstream side of bridge on State Highway 16, 2.3 miles upstream from mouth, 3 miles southeast of South Marion, and 5 miles southeast of Rensselaer.

DRAINAGE AREA.--21.8 mi².

PERIOD OF RECORD.--December 1948 to current year.

AVERAGE DISCHARGE.--30 years (1949 to current year), 16.8 ft³/s, 10.47 in/yr.

MINIMUM DAILY DISCHARGE.--No flow at times during 1952, 1955, and 1964.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.3	0.3	0.3	0.4	0.5	0.8	1.6	2.9
5	.1	.1	.1	.1	.2	.3	.5	.8
10	.0	.1	.1	.1	.1	.2	.2	.4
20	.0	.0	.0	.0	.1	.1	.1	.2
50	.0	.0	.0	.0	.0	.1	.1	.1

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	270	201	189	133	74	44	21	13	7.5	4.5	2.8	1.7

Percent	80	90	95	98	99	99.5
Ft ³ /s	.8	.4	.2	.1	.0	.0

ILLINOIS RIVER BASIN

05523500 SLOUGH CREEK NEAR COLLEGEVILLE, IN

LOCATION.--Lat 40°53'30", long 87°09'17", in SE $\frac{1}{4}$ NF $\frac{1}{4}$ sec.12, T.28 N., R.7 W., Jasper County, Hydrologic Unit 07120002, on right bank at downstream side of bridge on State Highway 53, 1.5 miles south of Collegeville, 2.2 miles downstream from Bice ditch, 2.9 miles upstream from Carpenter Creek, and 3.2 miles upstream from mouth.

DRAINAGE AREA.--83.7 mi².

PERIOD OF RECORD.--July 1948 to December 1951, October 1952 to current year. Prior to October 1965, published as Big Slough Creek near Collegeville.

AVERAGE DISCHARGE.--30 years (1948-51, 1952 to current year), 69.8 ft³/s, 11.32 in/yr.

MINIMUM DAILY DISCHARGE.--0.7 ft³/s Dec. 20-26, 1963.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	3.3	3.3	3.5	3.8	4.4	5.7	11	17
5	1.8	1.8	1.9	2.1	2.4	3	4.7	7.3
10	1.3	1.3	1.3	1.5	1.7	2.2	3	4.7
20	.9	1	.9	1.1	1.3	1.6	2.1	3.2
50	.7	.7	.7	.8	.9	1.2	1.3	2.1

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	955	757	724	520	299	174	87	52	34	23	16	11

Percent	80	90	95	98	99	99.5
Ft ³ /s	6.8	4.2	2.8	1.9	1.5	1.3

ILLINOIS RIVER BASIN

05524000 CARPENTER CREEK AT EGYPT, IN

LOCATION.--Lat 40°51'58", long 87°12'20", in SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.15, T.28 N., R.7 W., Jasper County, Hydrologic Unit 07120002, on left bank at downstream side of bridge on State Highway 16, 0.5 mile north of Egypt, 4 miles southwest of Collegeville, and at mile 4.0.

DRAINAGE AREA.--44.8 mi².

PERIOD OF RECORD.--July 1948 to December 1951, October 1952 to current year.

AVERAGE DISCHARGE.--30 years, 37.8 ft³/s, 11.46 in/yr.

MINIMUM DAILY DISCHARGE.--No flow at times during 1953, 1955, 1956, 1959, 1963-66, 1970.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	0.2	0.2	0.2	0.3	0.5	0.9	2.6	6.1
5	.0	.0	.0	.0	.1	.7	.7	1.9
10	.0	.0	.0	.0	.1	.1	.3	1
20	.0	.0	.0	.0	.0	.1	.2	.6
50	.0	.0	.0	.0	.0	.0	.1	.3

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time													
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70	
Ft ³ /s	591	441	427	304	166	95	47	28	18	10	5.9	2.7	

Percent	80	90	95	98	99	99.5	
Ft ³ /s	1.1	.4	.2	.0	.0	.0	

ILLINOIS RIVER BASIN

05524500 IROQUOIS RIVER NEAR FORESMAN, IN

LOCATION.--Lat 40°52'14", long 87°18'24", in NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.15, T.28 N., R.8 W., Newton County, Hydrologic Unit 07120002, on right bank at downstream side of bridge on State Highway 55, 0.2 mile north of intersection of State Highways 16 and 55, 0.5 mile downstream from Mosquito Creek, 0.6 mile west of Foresman, 3 miles east of Brook, and at mile 72.7.

DRAINAGE AREA.--449 mi².

PERIOD OF RECORD.--December 1948 to current year.

AVERAGE DISCHARGE.--30 years, 370 ft³/s, 11.19 in/yr.

MINIMUM DAILY DISCHARGE.--6.3 ft³/s, Sept. 10, 1964.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	21	22	23	25	29	37	66	99
5	13	13	14	15	17	21	32	48
10	9.5	9.9	11	11	13	16	21	33
20	7.5	7.8	8.4	8.8	11	13	15	23
50	5.6	5.9	6.4	6.7	8.7	11	10	16

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time										
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	
Ft ³ /s	2,970	2,600	2,530	2,060	1,430	1,010	589	361	240	

Percent	50	60	70	80	90	95	98	99	99.5	
Ft ³ /s	165	108	70	46	26	19	14	12	9.7	

ILLINOIS RIVER BASIN

05536190 HART DITCH AT MUNSTER, IN

LOCATION.--Lat 41°33'40", long 87°28'50", in SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.20, T.36 N., R.9 W., Lake County, Hydrologic Unit 07120003, on left bank at city limits of Munster, 0.2 mile downstream from Ridge Road, and 0.4 mile upstream from mouth.

DRAINAGE AREA.--70.7 mi².

PERIOD OF RECORD.--September 1942 to current year.

AVERAGE DISCHARGE.--37 years, 59.2 ft³/s, 11.37 in/yr.

MINIMUM DAILY DISCHARGE.--1.6 ft³/s Dec. 24-26, 31, 1963, Jan. 1, 2, Sept. 4-9, 14-17, 1964.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	3.6	3.9	4.3	4.7	5.4	6.6	10	16
5	2.7	3	3.2	3.5	4.1	4.8	6.5	8.3
10	2.3	2.5	2.7	3	3.6	4.2	5.2	6
20	2	2.1	2.2	2.5	3.2	3.9	4.4	4.6
50	1.7	1.7	1.8	2.1	2.9	3.6	3.6	3.4

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time												
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70
Ft ³ /s	898	716	687	484	245	132	65	40	27	19	13	8.8

Percent	80	90	95	98	99	99.5
Ft ³ /s	6.6	5.1	4.3	3.6	3.1	2.7

ILLINOIS RIVER BASIN

05536195 LITTLE CALUMET RIVER AT MUNSTER, IN

LOCATION.--Lat 41°34'07", long 87°31'18", in SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.13, T.36 N., R.10 W., Lake County, Hydrologic Unit 07120003, on left bank 200 ft upstream from Hohman Street bridge at north city limits of Munster, 0.4 upstream from Indiana-Illinois State line, and 4.6 miles upstream from mouth of Thorn Creek.

DRAINAGE AREA.--90.0 mi².

PERIOD OF RECORD.--June 1958 to current year.

REMARKS.--Flow from eastern portion of Little Calumet River basin is diverted to Lake Michigan by Burns ditch.

AVERAGE DISCHARGE.--21 years, 70.8 ft³/s, 10.68 in/yr.

MINIMUM DAILY DISCHARGE.--1.9 ft³/s Aug. 20, 1964.

Magnitude and frequency of annual low flow

Recurrence interval (years)	Lowest average flow, in ft ³ /s, indicated for period, in consecutive days							
	1	3	7	14	30	60	120	183
2	4.9	5.2	5.7	6.3	7.6	10	16	25
5	3.4	3.6	4	4.7	6	7	11	14
10	2.6	2.7	3	3.8	5.2	6	8.6	10
20	2.2	2.4	2.2	3.4	4.8	5.4	7.2	7.7
50	1.4	1.5	1.6	2.7	4.5	4.8	6	5.7

Duration of daily discharges for annual periods

Discharge, in ft ³ /s, equaled or exceeded for the indicated percent of total time													
Percent	0.5	0.9	1.0	2.0	5.0	10	20	30	40	50	60	70	
Ft ³ /s	662	588	570	460	296	186	99	60	40	28	19	14	

Percent	80	90	95	98	99	99.5	
Ft ³ /s	9.7	7.2	6	4.8	4.1	3.4	

TABLE 1.--LOW-FLOW CHARACTERISTICS FOR PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN			3-DAY MEAN			7-DAY MEAN			7-DAY MEAN		
				LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)
03274800	MARTINDALE CREEK NR CAMBRIDGE CITY, IN	58.1	LAT 39°49' 50", LONG 85°08' 32", ON A LINE BETWEEN SECS 13 AND 24, T.16N., R.12E., WAYNE COUNTY, 1.25 MILES UPSTREAM FROM U.S. HWY 40, AND 1.75 MILES NE OF CAMBRIDGE CITY.	0.9	1.0	1.2	3.3								
03274900	GREENS FORK AT GREENS FORK, IN	66.7	LAT 39°53' 35", LONG 85°02' 39", IN NE 1/4 SW 1/4 SEC 26, T.17N., R.13E., WAYNE COUNTY, AT STATE HIGHWAY 38, BRIDGE AT WEST EDGE OF GREENS FORK.	1.1	1.4	1.6	3.7								
03275200	SALT CREEK NR METAMORA, IN	115	LAT 39°26' 45", LONG 85°11' 01", IN SW 1/4 SEC 34, T.12N., R.12E., FRANKLIN COUNTY, 0.3 MILE SOUTH OF U.S. HWY 52, AND 2.75 MILES WEST OF METAMORA.	.7	.8	.9	3.0								
03275576	ELKHORN CREEK AT RICHMOND, IN	27.5	LAT 39°45' 15", LONG 84°55' 17", IN SEC 31, T.13N., R.1W., WAYNE COUNTY, AT BRIDGE ON U.S. HWY 27, 3.5 MILES SOUTH OF RICHMOND.	---	---	.0	---								
03275700	SILVER CREEK NR LIBERTY, IN	9.67	LAT 39°39' 36", LONG 84°55' 39", ON LINE BETWEEN SEC 31, T.12N., R.1W., AND SEC 36, T.12N., R.2W., UNION COUNTY, AT BRIDGE ON U.S. HWY 27, 1.5 MILES NORTH OF LIBERTY.	.0	.0	.0	.3								
03275850	HANNA CREEK NR ROSEBURG, IN	22.3	LAT 39°34' 58", LONG 84°56' 48", IN SW 1/4 SW 1/4 SEC 25, T.11N., R.2W., UNION COUNTY, AT BRIDGE ON STATE HWY 101, 0.5 MILE SOUTH OF ROSEBURG.	.2	.2	.3	.8								

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN		3-DAY MEAN		7-DAY MEAN		7-DAY MEAN	
				LOW FLOW 10-YR RECURRENCE (ft ³ /s)	---	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	---	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	---	LOW FLOW 2-YR RECURRENCE (ft ³ /s)	---
03276527	BIG CEDAR CREEK AT CEDAR GROVE, IN	29.6	LAT 39°21'27", LONG 84°56'26", IN SE 1/4 NW 1/4 SEC 13, T.8N. R.2W., FRANKLIN COUNTY, ON U.S. 52, 0.1 MILE WEST OF CEDAR GROVE OR 5.4 MILES EAST OF BROOKVILLE ON BIG CEDAR CREEK.	---	---	---	---	0.0	0.0	---	---
03276630	TANNERS CREEK NR GUILFORD, IN	84.1	LAT 39°09'15", LONG 84°53'50", E 1/2 SEC 29, T.6N., R.1W., DEARBORN COUNTY, ON PRIBBLE ROAD LOW WATER BRIDGE CROSSING 2.3 MILES SE OF GUILFORD.	0.0	0.0	0.0	0.0	.0	.0	0.0	0.0
03276750	LAUGHERY CREEK NR BALLSTOWN, IN	39.8	LAT 39°14'42", LONG 85°14'52", IN SW 1/4 NE 1/4 SEC 12, T9N., R.11E., RIPLEY COUNTY, AT BRIDGE ON STATE HWY 229, 0.6 MILE SOUTH OF BALLSTOWN.	.0	.0	.0	.0	.0	.0	.0	.0
0327678050	LAUGHERY CREEK NR VERSAILLES, IN	151	LAT 39°06'13", LONG 85°14'16", IN SE 1/4 SEC 30, T8N., R.12E., RIPLEY COUNTY, TRIB OHIO RIVER AT FILTRATION PLANT ON STATE HWY 350, 2.5 MILES EAST OF OSGOOD.	---	---	---	---	.0	.0	---	---
0327679050	FALLING TIMBER CREEK NR VERSAILLES, IN	6.00	LAT 39°04'52", LONG 85°13'55", IN NW 1/4 SE 1/4 SEC 6, T.8N., R.12E., RIPLEY COUNTY, ALONG- SIDE TRAIL UPSTREAM FROM MOUTH APPROXIMATELY 1.5 MILES NE OF VERSAILLES.	---	---	---	---	.0	.0	---	---
03276800	LAUGHERY CREEK AT VERSAILLES, IN	167	LAT 39°04'28", LONG 85°14'42", ON LINE BETWEEN SECS 1 AND 12, T.7N., R.11E., RIPLEY COUNTY, 1.4 MILES UPSTREAM FROM U.S. HWY 50, AT DAM ON LAUGHERY CREEK IN VERSAILLES STATE PARK AT VERSAILLES.	---	---	---	---	.0	.0	---	---

TABLE 1.--LOW-FLOW CHARACTERISTICS FOR PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES--Continued

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN		3-DAY MEAN		7-DAY MEAN		7-DAY MEAN	
				LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)
032917875	BRUSHY CREEK AT MANVILLE, IN	15.3	LAT 38°47'28", LONG 85°16'14", IN SEC 14 T.4N., R.11E., JEFFERSON COUNTY, AT MOUTH IN MANVILLE.	----	----	----	0.0	----	0.0	----	----
0329179050	WEST FORK INDIAN- KENTUCK CREEK NR MANVILLE, IN	10.3	LAT 38°47'13", LONG 85°16'57", IN SEC 15, T.4N., R.11E., JEFFERSON COUNTY, AT MANVILLE.	---	---	---	.0	---	.0	---	---
03291800	INDIAN-KENTUCK CR NR MANVILLE, IN	121	LAT 38°47'10", LONG 85°16'58", IN SE 1/4 SEC 15, T.4N., R.11E., JEFFERSON COUNTY, SE OF MANVILLE, 0.2 MILE BELOW MOUTH OF WEST FORK INDIAN- KENTUCK CREEK.	0.0	0.0	0.0	.0	0.0	.0	0.6	0.6
03292400	FOURTEENMILE CR NR CHARLESTOWN, IN	97.0	LAT 38°27'58", LONG 85°37'04", IN SE 1/4 SE 1/4 OF LOT 120, T.2S., R.9E., CLARK COUNTY, CLARK MILITARY GRANT AT BRIDGE ON STATE HWY 62, 3 MILES NORTHEAST OF CHARLESTON.	.0	.0	.0	.0	.0	.0	.1	.1
03293665	BLUE LICK CREEK AT MEMPHIS, IN	6.90	LAT 38°30'00", LONG 85°45'55", CLARK COUNTY, AT BRIDGE ON U.S. HWY 31 2.4 MILES NORTH OF MEMPHIS.	---	---	---	.0	---	.0	---	---
032939205	MUDDY FORK CREEK NR SPEED, IN	65.8	LAT 38°24'57", LONG 85°45'10", IN SEC 130, T.1S., R.6E., CLARK COUNTY, TRIB SILVER CREEK AT BRIDGE ON U.S. HWY 31, ON NORTH EDGE OF SPEED.	---	---	---	.0	---	.0	---	---
0330000050	SILVER CREEK NR NEW ALBANY, IN	212	LAT 38°20'03", LONG 85°47'41", FLOYD COUNTY, AT BLACKISTON MILL IN., AND 1 MILE NORTH OF NEW ALBANY.	---	---	---	.0	---	.0	---	---

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN		3-DAY MEAN		7-DAY MEAN	
				LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)
03302600	LITTLE INDIAN CREEK NR CORYDON, IN	32.5	LAT 38°11'59", LONG 86°05'44", NE 1/4 SEC 5, T.4S., R.4E., HARRISON COUNTY, AT BRIDGE ON COUNTY HIGHWAY, 0.2 MILE SOUTH OF STATE HWY 62, 1.75 MILES EAST OF CORYDON.	0.1	0.1	0.1	0.1	0.1	0.4
03302700	MIDDLE FORK BLUE RIVER NR SALEM, IN	38.4	LAT 38°32'36", LONG 86°05'37", IN NE 1/4 SEC 8, T.1N., R.4E., WASHINGTON COUNTY, AT BRIDGE ON STATE HWY 135, 1.7 MILES UPSTREAM FROM CONFLUENCE WITH WEST FORK BLUE RIVER AND 3.8 MILES SOUTH OF SALEM.	.0	.0	.0	.0	.0	.0
03302730	SOUTH FORK BLUE RIVER NR PALMYRA, IN	64.3	LAT 38°28'07", LONG 86°04'55", IN SW 1/4 NE 1/4 NW 1/4 SEC 4, T.1S., R.4E., WASHINGTON COUNTY AT BRIDGE ON OLD PALMYRA RD., 0.2 MILE NORTH OF STATE HWY 135, 4.7 MI NORTH OF JCT OF U.S. 150 AND STATE HWY 135 AT PALMYRA.	.0	.0	.0	.0	.0	.1
03302850	WHISKEY RUN AT MILLTOWN, IN	39.8	LAT 38°21'08", LONG 86°17'01", IN SE 1/4 SW 1/4 SEC 10, T.2S. R.2E., CRAWFORD COUNTY, AT BRIDGE ON COUNTY RD, 0.25 MILE SOUTH OF STATE HWY 64 AND 0.8 MI NORTH OF INTERSECTION OF MAIN AND STATION IN MILLTOWN.	.0	.0	.0	.0	.0	.1
03302900	SPRING CREEK NR WHITE CLOUD, IN	36.6	LAT 38°14'20", LONG 86°13'45", SE 1/4 SEC 19, T.35S., R.3E., HARRISON COUNTY, AT COUNTY BRIDGE 0.8 MILE NORTH OF WHITE CLOUD.	2.5	2.9	3.2	8.0		
03303050	BIRD HOLLOW CREEK NR ENGLISH, IN	9.31	LAT 38°21'02", LONG 86°28'01", IN SE 1/4 NW 1/4 NW 1/4 SEC 13 T.2S., R.1W., CRAWFORD COUNTY, AT BRIDGE ON STATE HWY 37, 0.7 MILE NORTH OF HWY 64.	.0	.0	.0	.0	.0	.1

TABLE 1.--LOW-FLOW CHARACTERISTICS FOR PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES---Continued

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN			3-DAY MEAN			7-DAY MEAN			7-DAY MEAN		
				LOW FLOW	RECURRENT	(ft ³ /s)	LOW FLOW	RECURRENT	(ft ³ /s)	LOW FLOW	RECURRENT	(ft ³ /s)	LOW FLOW	RECURRENT	(ft ³ /s)
03303181	LITTLE BLUE RIVER NR SULPHUR, IN	92.6	LAT 38°12'53", LONG 86°27'11", IN SE 1/4 NW 1/4 SEC 36, T.35., R.1E., CRAWFORD COUNTY, TRIB OHIO RIVER AT BRIDGE ON U.S. HWY 460 1 MILE SOUTHEAST OF SULPHUR.	---	---	---	---	---	---	0.0	---	---	---	---	---
033031862	STINKING FORK LITTLE BLUE RIVER AT SULPHUR SPRINGS, IN	27.0	LAT 38°12'33", LONG 86°28'29", IN S 1/2 SEC 35, T.3S., R.1N., CRAWFORD COUNTY, ON STATE ROAD 66 AT SULPHUR SPRINGS.	---	---	---	---	---	---	.0	---	---	---	---	---
03303240	DEER CREEK NR CANNELTON, IN	8.70	LAT 37°58'16", LONG 86°38'90", IN SW 1/4 SE 1/4 SE 1/4 SEC 20 T.6S., R.2W., PERRY COUNTY, AT COUNTY ROAD BRIDGE, 6.8 MILES NE OF CANNELTON.	0.0	---	---	0.0	---	---	.0	---	---	0.0	---	0.0
033032785	ANDERSON RIVER AT ST. MEINRAD, IN	95.2	LAT 38°10'02", LONG 86°47'53", NW 1/4 SE 1/4 SEC 13, T.4S., R.4W., SPENCER COUNTY, ON BRISTOW ST. MEINRAD ROAD, 0.8 MILE SE OF ST. MEINRAD.	---	---	---	---	---	---	.0	---	---	---	---	---
03303950	OTTER CREEK NR DEGONIA SPRINGS, IN	30.1	LAT 38°02'24", LONG 87°12'22", IN SE 1/4 SE 1/4 NE 1/4 SEC 32 T.5S., R.7W., WARRICK COUNTY, AT BRIDGE ON STATE HWY 62, 1.5 MILES SW OF DEGONIA SPRINGS.	.0	---	---	.0	---	---	.0	---	---	.0	---	.7
03304000	LITTLE PIGEON CREEK NR TENNYSON, IN	150	LAT 38°02'43", LONG 87°07'08", IN NW 1/4 SEC 31, T.5S., R.6W., WARRICK COUNTY, AT BRIDGE OPERATED AS CONTINUOUS-RECORD GAGING, ON STATE HWY 161 OR EAST 650 ROAD 2.3 MILES SOUTH OF TENNYSON.	.0	---	---	.0	---	---	.0	---	---	.0	---	.0

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN		3-DAY MEAN		7-DAY MEAN		7-DAY MEAN	
				LOW FLOW 10-YR RECURRENT (ft ³ /s)	RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	RECURRENT (ft ³ /s)	LOW FLOW 2-YR RECURRENT (ft ³ /s)	RECURRENT (ft ³ /s)
03304055	LITTLE PIGEON CR NR MIDWAY, IN	268	LAT 38°00'23", LONG 87°10'29", IN SE 1/4 SEC 10, T.6S., R.7W. WARRICK COUNTY, AT BRIDGE ON STATE HWY 161 1.3 MILES DOWN- STREAM FROM OTTER CREEK, 2.0 MILES WEST OF MIDWAY AND 3.4 MILES SOUTH OF DEGONIA SPRINGS.	---	---	---	0.0	---	---	---	---
03322050	PIGEON CREEK NR BUCKSKIN, IN	190	LAT 38°11'38", LONG 87°25'28", ON LINE BTWN SECS 4 AND 9, T.4S. R.9W., WARRICK COUNTY, AT BRIDGE ON STATE HWY 68, 2.3 MILES SOUTH OF BUCKSKIN AND 6.4 MILES WEST OF LYNNVILLE.	---	---	---	.0	---	---	---	---
03322800	BEAR CREEK NR BRYANT, IN	14.5	LAT 40°30'53", LONG 84°58'23", SE 1/4 SEC 19, T.24N., R.14E. JAY COUNTY, AT BRIDGE ON U.S. HWY 27, 1.2 MILES SOUTH OF BRYANT.	0.0	0.0	0.0	.0	0.0	.0	0.0	0.0
03322860	LOBLOLLY CREEK AT GENEVA, IN	67.2	LAT 40°34'59", LONG 84°57'38", NW 1/4 NE 1/4 SEC 32, T.25N., R.14E., ADAM COUNTY, 200 FT UPSTREAM FROM BRIDGE ON U.S. HWY 27, AT SOUTH EDGE OF GENEVA.	.4	.5	.5	.5	.5	.5	1.1	1.1
03322880	LIMBERLOST CREEK AT GENEVA, IN	41.7	LAT 40°34'59", LONG 84°57'38", NW 1/4 SEC 32, T.25N., R.14E. ADAMS COUNTY, 200 FT UPSTREAM FROM BRIDGE ON U.S. HWY 27, AT SOUTH EDGE OF GENEVA.	.1	.1	.1	.2	.1	.2	.4	.4
03323150	ROCK CREEK NR ROCKFORD, IN	80.8	LAT 40°44'31", LONG 85°18'24", IN NW 1/4 NW 1/4 NE 1/4 SEC 5, T.26N., R.11E., WELLS COUNTY, AT BRIDGE ON STATE HWY 124, 3.5 MILES EAST OF STATE HWY 3.	.5	.5	.5	.6	.5	.6	1.2	1.2

TABLE 1.--LOW-FLOW CHARACTERISTICS FOR PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES--Continued

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN		3-DAY MEAN		7-DAY MEAN		7-DAY MEAN	
				LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 2-YR RECURRENT (ft ³ /s)	LOW FLOW 2-YR RECURRENT (ft ³ /s)
03323200	ROCK CREEK NR MARKLE, IN	93.7	LAT 40°47'47", LONG 85°21'28", NE 1/4 SEC 14, T.27N., R.10E. HUNTINGTON COUNTY, AT BRIDGE ON STATE HWY 3, 2.2 MILES SW OF MARKLE.	0.1	0.1	0.1	0.2	0.2	0.4		
03323700	ABOITE CREEK NR ABOITE, IN	52.7	LAT 40°59'23", LONG 85°21'00", ON LINE BETWEEN SECS 1 AND 12, T.29N., R.10E., HUNTINGTON COUNTY, ON COUNTY ROAD 1100 NORTH, 0.5 MILE EAST OF STATE HWY 37, 800 FT ABOVE MOUTH, 2 1/4 MILES NE OF ROANOKE.	.5	.6	.6		.6	1.7		
03323800	EIGHTMILE CREEK AT ZANESVILLE, IN	45.8	LAT 40°54'40", LONG 85°17'30", IN SEC 4, T.28N., R.11E., WELLS COUNTY, AT BRIDGE ON STATE HWY 3, 0.7 MILE SW OF ZANESVILLE.	.1	.1	.2		.2	.3		
03324050	CLEAR CREEK NR HUNTINGTON, IN	49.0	LAT 40°54'57", LONG 85°32'31", IN NE 1/4 NW 1/4 SEC 5, T.28N., R.9E., HUNTINGTON COUNTY, AT BRIDGE ON STATE HWY 16, 0.75 MILE WEST OF STATE HWY 5.	.0	.0	.0		.0	.1		
03324102	LOON CREEK AT HUNTINGTON, IN	12.5	LAT 40°50'31", LONG 85°31'36", IN NW 1/4 SEC 33 T.28N., R.9E., HUNTINGTON COUNTY, AT BRIDGE ON STATE HWY 37, 1.5 MILES SW OF HUNTINGTON.	---	---	---		.0	---		
03324250	SALAMONIE RIVER AT MONTPELIER, IN	253	LAT 40°33'33", LONG 85°16'43", NE 1/4 NE 1/4 SEC 1/4 SEC 4, T.24N., R.11E., BLACKFORD COUNTY, AT BRIDGE ON STATE HWY 303, ON NORTH EDGE OF MONTPELIER.	1.8	2.1	2.6		2.6	4.6		

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN		3-DAY MEAN		7-DAY MEAN	
				LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)
03324280	BLACK CREEK NR WARREN, IN	47.0	LAT 40°38'55", LONG 85°26'02", IN NW 1/4 SE 1/4 NE 1/4 SEC 6 T.25N., R.10E., WELLS COUNTY, AT BRIDGE ON COUNTY ROAD 1120 WEST ABOUT 2 MILES SOUTH OF WARREN.	0.1	0.1	0.1	0.1	0.1	0.6
03324700	TREATY CREEK AT WABASH, IN	30.1	LAT 40°47'31", LONG 85°48'36", SE 1/4 NE 1/4 NE 1/4 SEC 14, T.27N., R.6E., WABASH COUNTY, AT BRIDGE ON WATER WORKS ROAD, 1/2 MILE SE OF WABASH.	.2	.2	.3	.3	.8	
03325700	HALFWAY CREEK NR ALBANY, IN	19.1	LAT 40°19'37", LONG 85°12'56", IN NW 1/4 NW 1/4 SE 1/4 SEC 29 T.22N., R.12E., DELAWARE COUNTY, AT BRIDGE ON COUNTY RD 15 EAST, 1.0 MILE NORTH OF STATE HWY 67, 1.5 MILES NE OF ALBANY.	.0	.0	.0	.0	.0	
033258205	MUD CREEK NR ALBANY, IN	11.7	LAT 40°17'15", LONG 85°14'10", IN NW 1/4 SEC 12 T.21N., R.11E., DELAWARE COUNTY, AT BRIDGE ON COUNTY ROAD 1,300 FT UPSTREAM FROM MOUTH AND 0.8 MILE SOUTH OF ALBANY.	---	---	.0	.0	---	
033258405	HALFWAY CREEK NR ALBANY, IN	21.8	LAT 40°19'08", LONG 85°13'48", IN NW 1/4 SEC 36, T.22N., R.11E., DELAWARE COUNTY, AT BRIDGE ON STATE HWY 167, 2.0 MILES ABOVE MOUTH, AND 1.3 MILES NORTH OF ALBANY.	---	---	.0	.0	---	
03325940	CAMPBELL'S CREEK NR DESOTO, IN	20.4	LAT 40°15'39", LONG 85°17'22", IN NW 1/4 SEC 21, T.21., R.11E., DELAWARE COUNTY, AT BRIDGE ON COUNTY ROAD 525 EAST, 1 MILE NORTH OF DESOTO.	.0	.0	.0	.0	.2	

TABLE 1.--LOW-FLOW CHARACTERISTICS FOR PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES--Continued

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN		3-DAY MEAN		7-DAY MEAN		7-DAY MEAN	
				LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)
033259605	MISSISSINewa RIVER TRIB NR ALBANY, IN	2.35	LAT 40°17'03", LONG 85°17'36", ON LINE BTWN SECS 8 AND 9, T.21N., R.11E., DELAWARE COUNTY, TRIB OF MISSISSINewa RIVER, 0.5 MILE SOUTH OF STATE HWY 67/28 ON 500 EAST ROAD AT BRIDGE, 3.1 MILES SW OF ALBANY.	---	---	---	---	0.0	---	---	---
033259845	BOSMAN DITCH NR ALBANY, IN	3.05	LAT 40°20'03", LONG 85°17'08", IN N 1/2 SEC. 28, T.22N., R.11E., DELAWARE COUNTY, AT BRIDGE ON COUNTY ROAD 550 EAST, 3.5 MILES NORTHWEST OF ALBANY.	---	---	---	---	.0	---	---	---
033259855	BOSMAN DITCH TRIB NR ALBANY, IN	1.56	LAT 40°19'40", LONG 85°17'08", AT CENTER OF SEC 28, T.22N., R.11E., DELAWARE COUNTY, AT BRIDGE ON COUNTY ROAD 550 E, 0.3 MILE UPSTREAM FROM MOUTH, AND 3.2 MILES NW OF ALBANY.	---	---	---	---	.0	---	---	---
0332601850	REES DITCH NR DUNKIRK, IN	6.43	LAT 40°22'24", LONG 85°16'38", ON LINE BETWEEN SECS 9 AND 10, T.22N., R.11E., DELAWARE COUNTY, AT BRIDGE ON COUNTY ROAD 600E, AND 3.6 MILES WEST OF DUNKIRK.	---	---	---	---	.0	---	---	---
03326025	REES DITCH NR EATON, IN	13.5	LAT 40°20'08", LONG 85°19'25", IN SW 1/4 SEC. 19, T.22N., R.11E., DELAWARE COUNTY AT BRIDGE ON COUNTY ROAD 350 EAST, 0.9 MILE EAST OF EATON.	0.1	0.1	0.1	0.1	.1	1.0	---	---
03326100	BIG LICK CREEK NR WHEELING, IN	76.2	LAT 40°22'37", LONG 85°26'52", NE 1/4 SEC 12, T.22N., R.9E., DELAWARE COUNTY, AT COUNTY HIGHWAY BRIDGE 0.8 MILE UPSTREAM FROM MOUTH AND 1.25 MILES NE OF WHEELING.	2.0	2.2	2.2	2.2	2.7	5.5	---	---

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN		3-DAY MEAN		7-DAY MEAN		7-DAY MEAN	
				LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)
03326130	STUDEBAKER DITCH NR WHEELING, IN	10.5	LAT 40°20'10", LONG 85°25'35", ON LINE BETWEEN SEC. 19 AND 20, T.22 N., R.10E., DELAWARE COUNTY, AT BRIDGE ON COUNTY ROAD 200 WEST, 2.7 MILES SOUTH- EAST OF WHEELING.	0.0	0.0	0.0	0.1	0.2			
033261405	HAYDEN DITCH NR WHEELING, IN	4.45	LAT 40°20'08", LONG 85°27'55", ON LINE BTWN SECS 24 AND 25, T.22N., R.9E., DELAWARE COUNTY, AT BRIDGE ON COUNTY ROAD 1000 N, 0.9 MILE UPSTREAM FROM MOUTH AND 2.2 MILES SOUTH OF WHEELING.	----	----	----	.0	----			
033261455	HEDGECLAND DITCH NR WHEELING, IN	2.76	LAT 40°20'39", LONG 85°27'55", IN NE 1/4 SEC 23, T.22N., R.9E., DELAWARE COUNTY, AT BRIDGE ON U.S. HWY 35, 0.6 MILE UPSTREAM FROM MOUTH, AND 1.4 MILES SOUTH OF WHEELING.	----	----	----	.0	----			
03326480	LUGAR CREEK AT MARION, IN	30.0	LAT 40°32'20", LONG 85°37'40", IN SW 1/4 SE 1/4 SW 1/4 SEC 9, T.24N., R.8E., GRANT COUNTY, AT BRIDGE ON STONE ROAD, 2.0 MILES EAST OF MARION.	.1	.2	.3	.7				
0332675550	BADGER CREEK NR LAFONTAINE, IN	2.80	LAT 40°40'02", LONG 85°43'44", IN SE 1/4 SW 1/4 SEC. 27, T.26N., R.7E., WABASH COUNTY, AT BRIDGE ON COUNTY ROAD 1100 SOUTH, 0.5 MILE SOUTHWEST OF LAFONTAINE.	----	----	----	.0	----			
03327530	MINNOW CREEK TRIB NR LOGANSPOUT, IN	.50	LAT 40°43'46", LONG 86°17'48", IN NW 1/4 NW 1/4 SW 1/4 SEC 3, T.26N., R.2E., CASS COUNTY, AT CULVERT ON U.S. HWY 35, 4.0 MILES SOUTHEAST OF STATE HWY 29 IN LOGANSPOUT.	----	----	----	.0	----			

TABLE 1.--LOW-FLOW CHARACTERISTICS FOR PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES--Continued

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN		3-DAY MEAN		7-DAY MEAN		7-DAY MEAN	
				LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	2-YR RECURRENT (ft ³ /s)	2-YR RECURRENT (ft ³ /s)
03327590	EEL RIVER NR COLUMBIA CITY, IN	77.4	LAT 41°08'33", LONG 85°27'25", NW 1/4 SE 1/4 NE 1/4 SEC 13, T.13N., R.9E., WHITLEY COUNTY, AT BRIDGE ON OLD U.S. HWY 30, 1.5 MILES EAST OF JUNCTION 9 AND 30.	5.0	6.0	6.6	10				
03327770	BLUE RIVER NR COLUMBIA CITY, IN	61.0	LAT 41°10'52", LONG 85°27'24", SW 1/4 SEC 35, T.32N., R.9E., WHITLEY COUNTY, 2.6 MILES EAST OF STATE HWY 9, 2.2 MILES NE OF COLUMBIA CITY, 2.5 MILES DOWNSTREAM FROM THORN CREEK.	2.4	2.7	2.9	4.4				
03327853	SPRING CREEK NEAR COLUMBIA CITY, IN	8.12	LAT 41°09'55", LONG 85°34'05", IN SE 1/4 SE 1/4 SEC. 1, T.31N., R.8E., WHITLEY COUNTY, AT BRIDGE ON COUNTY ROAD 400 WEST 1 MILE SOUTH OF HWY 30, AND 4.1 MI WEST OF INTERSECTION OF US 30 AND 109 IN COLUMBIA CITY.	-----	-----	.0	----				
03327900	SUGAR CREEK AT SOUTH WHITLEY, IN	30.7	LAT 41°04'31", LONG 85°36'54", ON LINE BETWEEN SECS 3 AND 10 T.30N., R.8E., WHITLEY COUNTY, AT BRIDGE ON HIGHWAY 14, 0.3 MILE EAST OF INTERSECTION OF STATE HWYS 5 AND 105 ON THE SE EDGE OF SOUTH WHITLEY.	.3	.4	.5	1.0				
03328420	PAW PAW CREEK NR ROANN, IN	31.2	LAT 40°53'40", LONG 85°53'19", IN SW 1/4 NW 1/4 NW 1/4 SEC 8, T.28N., R.6E., WABASH COUNTY, AT BRIDGE ON STATE HWY 15, 3.5 MILES NW OF INTERSECTION OF STATE HWYS 115 AND 15 NEAR ROANN.	.0	.1	.1	.2				

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN		3-DAY MEAN		7-DAY MEAN		7-DAY MEAN	
				LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)
03328470	TWELVE MILE CREEK NR HOOVER, IN	53.0	LAT 40°48'31", LONG 86°13'22", IN NE 1/4 SE 1/4, T.27., R.3E., CASS COUNTY, AT BRIDGE ON COUNTY ROAD 300 NORTH, 1.2 MILES WEST OF HOOVER.	3.5	3.5	3.5	3.5	3.5	3.5	8.0	8.0
03329100	CROOKED CREEK NR ROYAL CENTER, IN	35.9	LAT 40°48'23", LONG 86°29'31", IN NW 1/4 SEC 11, T.27N., R.1W., CASS COUNTY, AT TRIPLE CULVERTS ON 625 WEST ROAD, 4 MILES SOUTH OF ROYAL CENTER.	4.6	4.8	4.8	4.8	5.0	5.0	7.2	7.2
03329150	CROOKED CREEK NR LOGANSPORT, IN	54.2	LAT 40°45'51", LONG 86°29'54", IN NW 1/4 SEC 26, T.27N., R.1W., CASS COUNTY, AT BRIDGE ON U.S. HWY 24, 2.5 MILES WEST OF COUNTY ROAD 600 WEST, 6.5 MILES WEST OF LOGANSPORT.	14	14	14	14	15	15	19	19
03329300	ROCK CREEK NR ROCKFIELD, IN	80.8	LAT 40°39'10", LONG 86°33'30", IN SE 1/4 SEC 22, T.26N., R.1E., CARROLL COUNTY, AT BRIDGE ON STATE HWY 25, 1 1/4 MILES NE OF ROCKFIELD.	.6	.6	.6	.6	.6	.6	1.9	1.9
03329510	DEER CREEK NR LINCOLN, IN	56.5	LAT 40°36'11", LONG 86°12'10", SW 1/4 NW 1/4 SEC 35, T.25N., R.4E., CASS COUNTY, 1 MILE SOUTH OF LINCOLN.	1.0	1.0	1.0	1.0	1.0	1.0	2.2	2.2
03329530	SOUTH FORK DEER CREEK AT GALVESTON, IN	31.6	LAT 40°34'54", LONG 86°11'23", SE 1/4 NW 1/4 SE 1/4 SEC 28, T.25N., R.3E., CASS COUNTY, AT BRIDGE ON HIGHWAY 35, AT NORTH EDGE OF GALVESTON.	.5	.5	.5	.5	.6	.6	1.4	1.4
03329600	BACHELOR RUN NR FLORA, IN	13.5	LAT 40°32'50", LONG 86°29'30", ON LINE BETWEEN SECS 2 AND 11 T.24N., R.1W., CARROLL COUNTY, AT BRIDGE ON STATE HWY 18, 1.2 MILES EAST OF FLORA.	.1	.1	.1	.1	.2	.2	.4	.4

TABLE 1.--LOW-FLOW CHARACTERISTICS FOR PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES--Continued

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN		3-DAY MEAN		7-DAY MEAN		7-DAY MEAN	
				LOW FLOW 10-YR RECURRENCE (ft ³ /s)	---	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	---	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	---	LOW FLOW 2-YR RECURRENCE (ft ³ /s)	---
0333075050	LONG DITCH TRIB NR STONY RIDGE, IN	.07	LAT 41°19'30", LONG 85°46'25", IN SW 1/4 SE 1/4 SEC 12, T.33N., R.6E., KOSCIUSKO COUNTY, AT BRIDGE ON STANTON ROAD, 0.3 MILE SE OF STONY RIDGE.	---	---	---	---	0.0	---	---	---
03331350	BIG YELLOW CREEK NR MENTONE, IN	47.8	LAT 41°10'18", LONG 86°07'16", IN NE 1/4 NW 1/4 SEC 6, T.31N., R.4E., FULTON COUNTY, AT BRIDGE ON STATE HWY 25, 0.1 MILE SOUTH OF JUNCTION OF STATE HWY 110 ABOUT 4.5 MILES WEST OF MENTONE.	1.6	1.6	1.6	1.6	1.7	1.7	2.8	2.8
03331375	CHIPPEWANUCK CREEK NR ROCHESTER, IN	43.7	LAT 41°06'43", LONG 86°11'09", NW 1/4 NW 1/4 NW 1/4 SEC 27, T.31N., R.3E., FULTON COUNTY, AT BRIDGE ON STATE HIGHWAY 25, 3.5 MILES NORTH OF ROCHESTER.	5.3	5.4	5.4	5.4	5.5	5.5	7.6	7.6
03331430	MUD CREEK NR BRUCE LAKE IN	66.9	LAT 41°03'10", LONG 86°19'39", ON LINE BETWEEN SECS 8 AND 17, T.30N., R.2E., FULTON COUNTY, AT BRIDGE ON STATE HWY 14, 4.5 MILES EAST OF BRUCE LAKE AND 5.5 MILES WEST OF ROCHESTER.	2.1	2.1	2.1	2.1	2.2	2.2	4.7	4.7
0333143840	CURTISS DITCH NR CULVER, IN	2.40	LAT 41°12'12", LONG 86°23'20", IN SE 1/4 SE 1/4 SEC 22, T.32N., R.1E., MARSHALL COUNTY, AT BRIDGE ON STATE HIGHWAY 117, NEAR EAST SIDE OF LAKE AND ADJACENT TO GOLF COURSE.	---	---	---	---	.0	.0	---	---

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN LOW FLOW 10-YR RECURRENT (ft ³ /s)	3-DAY MEAN LOW FLOW 10-YR RECURRENT (ft ³ /s)	7-DAY MEAN LOW FLOW 10-YR RECURRENT (ft ³ /s)	7-DAY MEAN LOW FLOW 2-YR RECURRENT (ft ³ /s)
03331750	QUIGLEY MARSH DITCH AT WINAMAC, IN	14.8	LAT 41°03' 20", LONG 86°36' 12", ON LINE BETWEEN SEC 11 AND 12, T.30N., R.2W., PULASKI COUNTY, AT NORTH EDGE OF WINAMAC AT INDIAN HEAD MOTEL ON US 35 BRIDGE, 0.3 MILE NORTH OF STATE HWY 14 EAST OF WINAMAC.	6.0	6.1	6.1	7.5
03332250	INDIAN CREEK NR THORNHOPE, IN	56.6	LAT 40°55' 12", LONG 86°31' 42", NE 1/4 SE 1/4 NE 1/4 SEC 33, T.29N., R.1W., PULASKI COUNTY, AT BRIDGE ON U.S. HWY 35, 1/3 MILE SOUTH OF THORNHOPE.	3.3	3.4	3.4	5.7
03332350	BIG MONON CREEK NR MEDARYVILLE, IN	69.6	LAT 41°03' 21", LONG 86°50' 02", IN NW 1/4 NW 1/4 SEC 13, T.30N., R.4W., PULASKI COUNTY, AT BRIDGE ON STATE HWY 14, 3 MILES EAST OF JUNCTION OF U.S. HWY 421, 3.5 MILES SE OF MEDARYVILLE.	7.4	7.6	8.0	13
03332550	PINE CREEK NR NORWAY, IN	20.6	LAT 40°46' 51", LONG 86°44' 42", IN NE 1/4 NE 1/4 NW 1/4 SEC 22 T.27N., R.3W., WHITE COUNTY, AT BRIDGE ON STATE HWY 39, 2 MILES NORTH OF U.S. HWY 24.	2.9	3.0	3.2	4.5
03332800	BIG CREEK NR CHALMERS, IN	55.3	LAT 40°40' 16", LONG 86°47' 14", IN NW 1/4 SW 1/4 SEC 9, T.26N., R.3W., WHITE COUNTY, AT BRIDGE ON COUNTY ROAD 4.8 MILES EAST OF STATE HWY 43, IN CHALMERS.	1.4	1.4	1.5	3.5
03333100	MOOTS CREEK NR BROOKSTOWN, IN	42.7	LAT 40°34' 18", LONG 86°48' 42", ON LINE BETWEEN SEC 36, T.25N. R.4W., AND SEC 31, T.25N., R.3W., WHITE COUNTY, AT BRIDGE ON COUNTY ROAD 300 EAST 3.5 MILES SW OF BROOKSTOWN.	.9	.9	1.0	2.1

TABLE 1.--LOW-FLOW CHARACTERISTICS FOR PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES---Continued

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN		3-DAY MEAN		7-DAY MEAN		7-DAY MEAN	
				LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)
033338050	TURKEY CREEK NR WINDFALL, IN	39.7	LAT 40°22'35", LONG 85°57'23", ON LINE BETWEEN SEC 9 AND 10, T.22N., R.5E., TIPTON COUNTY, AT BRIDGE ON STATE HWY 213, 1 MILE NORTH OF WINDFALL.	---	---	---	0.0	---	---	---	---
03333400	MUD CREEK NR WINDFALL, IN	78.8	LAT 40°24'23", LONG 85°56'48", IN NW 1/4 NE 1/4 SEC 34, T.23N., R.5E., TIPTON COUNTY, AT BRIDGE ON 500 SOUTH ROAD ALONG TIPTON-HOWARD COUNTY LINE 0.5 MILE E. OF STATE HWY 213 AND 3.3 MILES N. OF WINDFALL.	0.2	0.2	0.2	.3	1.0			
03333800	LITTLE WILDCAT CREEK CREEK NR MIDDLETON, IN	26.0	LAT 40°26'47", LONG 86°13'17", IN NW 1/4 NW 1/4 NE 1/4 SEC 17 T.23N., R.3E., HOWARD COUNTY, AT BRIDGE ON COUNTY ROAD 500 WEST, ABOUT 0.5 MILE NORTH OF HOWARD COUNTY SOUTH ROAD, 0.5 MI NW OF WEST MIDDLETON.	.3	.3	.3	.3	1.1			
03334200	PRAIRIE CREEK TRIB NR FRANKFORT, IN	2.61	LAT 40°15'14", LONG 86°30'36", IN NW 1/4 SE 1/4 NE 1/4 SEC 22 T.21N., R.1W., CLINTON COUNTY, AT CULVERT ON STATE HWYS 38 AND 39, 1.8 MILES SOUTH OF STATE HWY 28, IN FRANKFORT.	---	---	---	.0	---	---	---	---
03334300	KILMORE CREEK AT KILMORE, IN	62.6	LAT 40°20'40", LONG 86°30'25", IN SW 1/4 SEC 14, T.22N., R.1W., CLINTON COUNTY, AT COUNTY HIGHWAY BRIDGE 0.2 MILE SOUTH OF KILMORE.	.0	.0	.0	.0	.2			

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN LOW FLOW		3-DAY MEAN LOW FLOW		7-DAY MEAN LOW FLOW		7-DAY MEAN LOW FLOW	
				10-YR RECURRENCE (ft ³ /s)	(ft ³ /s)	10-YR RECURRENCE (ft ³ /s)	(ft ³ /s)	10-YR RECURRENCE (ft ³ /s)	(ft ³ /s)	2-YR RECURRENCE (ft ³ /s)	(ft ³ /s)
03334700	MIDDLE FORK WILDCAT CREEK NR ROSSVILLE INDIANA	54.0	LAT 40°25'47", LONG 86°36'15", NE 1/4 NE 1/4 SEC 23, T.23N., R.2W., CLINTON COUNTY, AT BRIDGE ON U.S. HWY 421, 1 MILE NW OF JUNCTION OF U.S. HWY 421 AND STATE HWY 26, IN ROSSVILLE.	2.0	2.0	2.0	2.3	3.4			
03334750	CAMPBELLS RUN NR ROSSVILLE, IN	18.3	LAT 40°24'46", LONG 86°35'41", IN SE 1/4 NW 1/4 SEC 25, T.23N, R.2W. CLINTON COUNTY, AT BRIDGE ON U.S. HWY 421, 0.3 MILE SOUTH OF JUNCTION OF U.S. HWY 326 IN ROSSVILLE.	.2	.2	.2	.2	.4			
03335670	WEA CREEK NR LAFAYETTE, IN	105	LAT 40°21'46", LONG 86°54'17", IN SE 1/4 SEC 7, T. 23N., R.4W., TIPPECANOE COUNTY, AT BRIDGE ON STATE HWY 43, 4 MILES SOUTH OF LAFAYETTE.	6.3	6.3	7.0	12				
03335672	ELLIOTT DITCH NR LAFAYETTE, IN	8.45	LAT 40°22'54", LONG 86°51'26". IN SEC 3, T.22N., R.4W., TIPPECANOE COUNTY NEAR JUNC- TION OF ROAD 2A SOUTH AND 1A EAST, 1.5 MILES SOUTHEAST OF LAFAYETTE.	---	---	.0	---	---			
03335679	INDIAN CREEK NR GREENHILL, IN	29.0	LAT 40°25'03", LONG 87°02'31", IN SE 1/4 SW 1/4 SE 1/4 SEC 24 T.23N., R.6W., TIPPECANOE COUNTY, AT BRIDGE ON SOUTH RIVER ROAD, 6.5 MILES WEST OF WEST LAFAYETTE, 0.2 MILE WEST OF CO RD 700 WEST.	.1	.1	.1	.1	.2			
03335681	FLINT CREEK NR WEST POINT, IN	29.9	LAT 40°20'25", LONG 87°04'02", IN SE 1/4 NW 1/4 SEC 23, T.22N., R.6W., TIPPECANOE COUNTY, AT BRIDGE ON COUNTY RD 510 SOUTH, 1.2 MILE WEST OF STATE HWY 25 IN WEST POINT.	.1	.1	.1	.1	.2			

TABLE 1.--LOW-FLOW CHARACTERISTICS FOR PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES--Continued

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN			3-DAY MEAN			7-DAY MEAN		
				LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)			
03335683	KICKAPOO CREEK NR ATTICA, IN	36.4	LAT 40°19' 27", LONG 87°14' 05", IN SE 1/4 NW 1/4 SEC 29, T.22N., R.7W., WARREN COUNTY, AT BRIDGE ON KICKAPOO ROAD, 0.5 MILE NORTH OF INDEPENDENCE ROAD.	1.7	1.7	1.8	1.7	1.7	1.8	3.0		
03335800	BIG SHAWNEE CREEK NR ATTICA, IN	42.0	LAT 40°14' 30", LONG 87°14' 12", IN SW 1/4 NE 1/4 NW 1/4 SEC 29, T.21N., R.7W., FOUNTAIN COUNTY, AT CONCRETE BRIDGE ON COUNTY ROAD 3.7 MILES SOUTH- EAST OF ATTICA AND STATE HWY 55 AT ROB ROY.	6.6	6.8	7.0	6.8	6.8	7.0	9.6		
03339100	COAL CREEK NR VEEDERSBURG, IN	77.6	LAT 40°08' 33", LONG 87°15' 00", ON LINE BETWEEN SECS 30 AND 31, T.20N., R.7W., FOUNTAIN COUNTY, AT BRIDGE ON COUNTY ROAD, 1/4 MILE WEST OF U.S. HWY 41, 2.2 MILES NE OF VEEDERSBURG.	2.1	2.2	2.4	2.2	2.2	2.4	5.9		
03339110	EAST FORK COAL CREEK NR VEEDERSBURG, IN	60.1	LAT 40°05' 48", LONG 87°14' 34", IN NW 1/4 NW 1/4 NW 1/4 SEC 17 T.19N., R.7W., FOUNTAIN COUNTY AT CONCRETE BRIDGE ON RELOCA- TED U.S. HWY 41, 1.5 MILES SE OF VEEDERSBURG, 0.5 MI SOUTH OF INTERSECTION OF U.S. HWYS 41 AND 136.	3.6	3.9	4.1	3.9	3.9	4.1	6.9		
03339150	LITTLE VERMILLION R. NR NEWPORT, IN	240	LAT 39°53' 32", LONG 87°25' 42", NW 1/4 SEC 27, T.17N., R.9W., VERMILLION COUNTY, ON STATE HWY 63, 1.3 MILES NW OF NEWPORT.	.3	.3	.3	.3	.3	.3	1.9		

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN		3-DAY MEAN		7-DAY MEAN		7-DAY MEAN	
				LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR AN RECURRENCE (ft ³ /s)	LOW FLOW 2-YR AN RECURRENCE (ft ³ /s)
03339200	SUGAR CREEK NR KIRKLIN, IN	41.4	LAT 40°12'29", LONG 86°22'03", SE 1/4 NW 1/4 SEC 1, T.20N., R.1E., CLINTON COUNTY, AT BRIDGE ON U.S. HWY 421, 1 MILE NORTH OF KIRKLIN.	0.1	---	0.1	---	0.2	---	0.7	---
03339230	WOODS DITCH NR FRANKFORT, IN	1.12	LAT 40°13'13", LONG 86°27'34", IN NE 1/4 NE 1/4 SW 1/4 SEC 31 T.21N., R.1E., CLINTON COUNTY, AT CULVERT ON STATE HWY 38, 2.2 MILES SE OF STATE HWY 39.	---	---	---	---	.0	---	---	---
03339250	WADDLE DITCH NR PIKE, IN	1.09	LAT 40°06'24", LONG 86°28'48", IN NE 1/4 SE 1/4 NW 1/4 SEC 12 T.19N., R.1W., BOONE COUNTY, AT CULVERT ON STATE HWY 39, 4.1 MILES NORTH OF US HWY 52 IN LEBANON.	---	---	---	---	.0	---	---	---
03339300	PRAIRIE CREEK AT THORNTOWN, IN	46.9	LAT 40°07'46", LONG 86°36'01", SE 1/4 SE 1/4 SEC 35, T.20N., R.2W., BOONE COUNTY, AT BRIDGE ON STATE HWY 47, 0.5 MILE EAST OF JUNCTION OF STATE HWY 47 AND 375 AT EAST EDGE OF THORNTOWN.	1.0	---	1.1	---	1.2	---	2.6	---
03339460	WALNUT FORK SUGAR CREEK NR CRAWFORDSVILLE, IN	44.8	LAT 40°02'49", LONG 86°51'33", IN SE 1/4 NW 1/4 SEC 34, T.19N., R.4W., MONTGOMERY COUNTY, AT BRIDGE ON STATE HWY 32, 2.5 MILES EAST OF CRAWFORDSVILLE.	.2	---	.2	---	.3	---	.8	---
03340200	MILL CREEK NR WALLACE, IN	39.5	LAT 39°58'03", LONG 87°10'28", IN SW 1/4 SW 1/4 SEC 1/4 SEC 26 T.18N., R.7W., FOUNTAIN COUNTY AT BRIDGE ON SR 234, 1.4 MILES WEST OF SR 341.	.6	---	.6	---	.7	---	1.6	---

TABLE 1.--LOW-FLOW CHARACTERISTICS FOR PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES--Continued

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN		3-DAY MEAN		7-DAY MEAN		7-DAY MEAN	
				LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 2-YR RECURRENT (ft ³ /s)	LOW FLOW 2-YR RECURRENT (ft ³ /s)
03341420	BROUILLETES CREEK NR UNIVERSAL, IN	331	LAT 39°37'09", LONG 87°26'08", IN IN SW 1/4 NE 1/4 SEC 32, T.14N., R.9W., VERMILLION COUNTY, ON DOWNSTREAM SIDE OF BRIDGE ON STATE HWY 63, 0.7 MILE EAST OF UNIVERSAL.	---	---	---	0.3	1.3			
03341450	OTTER CREEK NR BURNETT, IN	69.0	LAT 39°32'17", LONG 87°17'44", ON LINE BETWEEN SECS 27 AND 28, T.13N., R.8W., VIGO COUNTY AT COUNTY HIGHWAY BRIDGE, 0.3 MILE SOUTH OF BURNETT.	2.7	2.8	3.1	5.6				
03341580	HONEY CREEK NR TERRE HAUTE, IN	64.0	LAT 39°23'40", LONG 87°23'54", SW 1/4 SEC 15, T.11N., R.9W., VIGO COUNTY, AT BRIDGE ON U.S. HWY 41, AT NORTH EDGE OF ALLENDALE AND ABOUT 3 MILES SOUTH OF THE SOUTH CITY LIMITS OF TERRE HAUTE.	.3	.4	.5	1.7				
03341800	PRAIRIE CREEK NR PRAIRIE CREEK, IN	24.0	LAT 39°16'50", LONG 87°29'53", NW 1/4 SW 1/4 SEC 26, T.10N., R.10W., VIGO COUNTY, AT BRIDGE ON STATE HWY 63, 0.3 MILE NORTH OF PRAIRIE CREEK.	.0	.0	.0	.0				
03341920	TURMAN CREEK NR FARMERSBURG, IN	13.0	LAT 39°14'40", LONG 87°24'28", AT CORNER OF SECS 3, 4, 9, AND 10, T.9N., R.9W., SULLIVAN COUNTY, AT BRIDGE ON COUNTY ROAD 1100 NORTH, 1.5 MILES SOUTHEAST OF FARMERSBURG.	.0	.0	.0	.0				
033421675	SULPHUR CREEK NR HYMERA, IN	9.49	LAT 39°10'08", LONG 87°18'22", IN NE 1/4 SEC 4, T.8N., R.8W., SULLIVAN COUNTY, AT BRIDGE ON COUNTY ROAD 550 EAST, 1.2 MILE SOUTH OF HYMERA.	---	---	.0	---				

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN		3-DAY MEAN		7-DAY MEAN		7-DAY MEAN	
				LOW FLOW 10-YR RECURRENT (ft ³ /s)	RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	RECURRENT (ft ³ /s)	LOW FLOW 2-YR RECURRENT (ft ³ /s)	MEAN 2-YR RECURRENT (ft ³ /s)
03342180	KETTLE CREEK TRIB NR SHELburn, IN	.48	LAT 39°10'36", LONG 87°22'27", IN SW 1/4 SE 1/4 SEC 26 T.9N., R.9W., SULLIVAN COUNTY, AT CULVERT ON STATE HWY 48, 1.0 MILE EAST OF U.S. HWYS 41 AND 150.	---	---	---	0.0	---	---	---	---
03342700	MARIA CREEK NR EMISON, IN	88.0	LAT 38°46'05", LONG 87°28'21", N 1/2 SEC 24, T.4N., R.10W., KNOX COUNTY, AT BRIDGE ON U.S. HWY 41, 2 MILES SOUTH OF EMISON.	0.2	0.2	0.2	.2	0.2	.2	1.3	1.3
03346700	WHITE RIVER NR HARRISVILLE, IN	21.3	LAT 40°10'32", LONG 84°53'23", NE 1/4 NE 1/4 SEC 19, T.20N., R.15E., RANDOLPH COUNTY, AT BRIDGE ON STATE HWY 32, 0.8 MILE SW OF HARRISVILLE.	.1	.1	.1	.2	.1	.2	.5	.5
033468342	POPLAR RUN NR HUNTSVILLE, IN	3.33	LAT 40°07'01", LONG 85°08'47", ON LINE BETWEEN SEC 11 AND 12, TO T.19N., R.12E., RANDOLPH CO, AT 900 WEST ROAD, 0.7 MILE NORTH OF PINCH.	---	---	---	.0	---	.0	---	---
033469805	MUNCIE CREEK NR DESOTO, IN	3.82	LAT 40°13'48", LONG 85°19'26", IN NW 1/4 SEC 31, T.21N., R.11E., DELAWARE COUNTY, AT BRIDGE ON 330 EAST ROAD AND 1.9 MILES SW OF DESOTO.	---	---	---	.0	---	.0	---	---
03347580	WILLIAMS CREEK NR CROSS ROADS, IN	11.7	LAT 40°06'12", LONG 85°28'50", ON LINE NW 1/4 SEC 14, AND NE 1/4 SEC 15, T.19N., R.9E., DELAWARE COUNTY, AT COUNTY ROAD BRIDGE, 1.3 MILE NORTHEAST OF CROSS ROADS.	.1	.1	.1	.2	.1	.2	.6	.6

TABLE 1.--LOW-FLOW CHARACTERISTICS FOR PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES--Continued

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN		3-DAY MEAN		7-DAY MEAN		7-DAY MEAN	
				LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)
03347595	BELL CREEK NR YORKTOWN, IN	44.7	LAT 40°08'43", LONG 85°27'03", IN SW 1/4 NE 1/4 SEC 36, T.20N., R.9., DELAWARE COUNTY AT BRIDGE ON BELL CREEK ROAD, 0.2 MILE WEST OF COUNTY ROAD 325 WEST.	0.8	0.9	0.9	0.9	0.9	0.9	2.0	2.0
0334802950	THURSTON DITCH NR BETHEL, IN	1.63	LAT 40°15'34", LONG 85°31'12", IN NE 1/4 SEC 20, T.21N., R.9E., DELAWARE COUNTY, AT MOUTH, AND 1.0 MILE NE OF BETHEL.	---	---	---	---	---	---	---	---
03348060	PLEASANT RUN CREEK NR GILMAN, IN	4.91	LAT 40°13'08", LONG 85°33'17", ON LINE BETWEEN NW 1/4 SEC 6, T.20N., R.9E., AND SW 1/4 SEC 31, T.21N., R.9E., DELAWARE COUNTY, AT BRIDGE ON COUNTY RD 200N, 0.6 MILE UPSTREAM FROM MOUTH, 1.6 MILE SE OF GILMAN.	---	---	---	---	---	---	---	---
03348100	KILLBUCK CREEK NR ANDERSON, IN	97.8	LAT 40°08'18", LONG 85°39'44", IN SW 1/4 SEC 31, T.20N., R.8E., MADISON COUNTY, AT BRIDGE ON STATE ROAD 109, 2.3 MILES NORTH- EAST OF ANDERSON.	5.5	6.2	6.2	6.2	6.2	6.2	11	11
0334825050	YEAGER, FINLEY, MANARD DITCH NR GASTON, IN	7.43	LAT 40°18'50", LONG 85°32'49", IN SW 1/4 NE 1/4 SEC 31, T.22N., R.9E., DELAWARE COUNTY AT BRIDGE ON COUNTY RD 850 N, 1.0 MILE UPSTREAM FROM MOUTH, AND 2.4 MILES WEST OF GASTON.	---	---	---	---	---	---	---	---
0334826050	STEEL DITCH NR GASTON, IN	1.06	LAT 40°18'50", LONG 85°31'11", ON LINE BETWEEN SECS 32 AND 33, T.22N., R.9E., DELAWARE COUNTY, AT BRIDGE ON COUNTY RD 850 N, 1.5 MILES UPSTREAM FROM MOUTH, AND 1.0 MILE WEST OF GASTON.	---	---	---	---	---	---	---	---

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN LOW FLOW		3-DAY MEAN LOW FLOW		7-DAY MEAN LOW FLOW		7-DAY MEAN LOW FLOW	
				10-YR RECURRENT (ft ³ /s)	RECURRENT (ft ³ /s)	10-YR RECURRENT (ft ³ /s)	RECURRENT (ft ³ /s)	10-YR RECURRENT (ft ³ /s)	RECURRENT (ft ³ /s)	2-YR RECURRENT (ft ³ /s)	RECURRENT (ft ³ /s)
03348300	PIPE CREEK NR ALEXANDRIA, IN	44.8	LAT 40°16'40", LONG 85°38'34", ON LINE BETWEEN SECS 7 AND 8, T.21N., R.8E., MADISON COUNTY, AT BRIDGE ON STATE HWY 28, 2 MILES NE OF ALEXANDRIA.	1.3		1.5		1.6		2.9	
03348400	DUCK CREEK AT STRAWTOWN, IN	98.9	LAT 40°08'17", LONG 85°56'22", ON LINE BETWEEN SECS 34 AND 35, T.20N., R.5E., HAMILTON COUNTY, AT BRIDGE ON STATE HWY 213, 600 FT UPSTREAM FROM WHITE RIVER, 0.6 MILE SOUTH OF EAST 246TH STREET.	.8		.9		1.1		2.2	
03349200	CICERO CREEK NR TIPTON, IN	80.2	LAT 40°16'16", LONG 86°03'02", SE 1/4 NE 1/4 SEC 15, T.21N., R.4E., TIPTON COUNTY, 45 FEET WEST OF BRIDGE ON COUNTY ROAD 200 WEST, 0.5 MILE WEST OF STATE HWY 19, AND COUNTY HOME.	.3		.3		.4		.9	
0334947550	WEASEL CREEK NR ARCADIA, IN	7.59	LAT 40°10'52", LONG 85°59'45", IN SEC 18, T.20N., R.5E., HAMILTON COUNTY, AT MOUTH 0.25 MILE NORTH OF STATE HWY 213, AND 1.25 MILES EAST OF ARCADIA.	---		---		.0		---	
03351300	CROOKED CREEK AT AUGUSTA, IN.	7.01	LAT 39°53'43", LONG 86°12'53", IN NE 1/4 NW 1/4 SEC 29 T.17N., R.3E., MARION COUNTY, AT BRIDGE ON U.S. HWY 421, 0.4 MILE NORTH OF AUGUSTA.	.0		.0		.0		.0	
03351490	LICK CREEK NR FORTVILLE, IN	36.6	LAT 39°57'22", LONG 85°50'36", ON LINE BETWEEN SECS 3 AND 4, T.17N., R.6E., MADISON COUNTY, AT BRIDGE ON STATE HWY 13, 1.5 MILE NORTH OF U.S. HWY 36 IN FORTVILLE.	2.2		2.4		2.4		4.4	

TABLE 1.--LOW-FLOW CHARACTERISTICS FOR PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES--Continued

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN		3-DAY MEAN		7-DAY MEAN		7-DAY MEAN	
				LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)		
03351900	INDIAN CREEK NR OAKLANDON, IN	18.3	LAT 39°51'51", LONG 85°58'07", IN SW 1/4 NW 1/4 SEC 3, T.16N., R.5E., MARION COUNTY, AT BRIDGE ON OLD HWY 67, 1 MILE SOUTHEAST OF OAKLANDON.	0.0	0.0	0.0	0.0	0.0	0.0	0.1	
03353630	LITTLE BUCK CREEK NR SOUTHPORT, IN	8.28	LAT 39°39'55", LONG 86°06'06", ON LINE BETWEEN SECS 8 AND 17, T.14N., R.4E., MARION COUNTY, AT BRIDGE ON SOUTHPORT ROAD, 1/2 MILE EAST OF SOUTHPORT.	.0	.0	.0	.0	.0	.0	.0	
03353650	PLEASANT RUN AT GREENWOOD, IN	4.93	LAT 39°37'53", LONG 86°06'58", IN NW 1/4 SEC 29, T.14N., R.4E., JOHNSON COUNTY, AT BRIDGE ON STATE HWY 431, 0.5 MILE NORTH OF GREENWOOD.	.0	.0	.0	.0	.0	.0	.0	
03353665	STOTTS CREEK NR MARTINSVILLE, IN	60.1	LAT 39°30'02", LONG 86°19'57", NW 1/4 NE 1/4 SEC 8, T.12N., R.8E., MORGAN COUNTY, AT 220 FT CONCRETE BRIDGE ON STATE HWY 27, 7.2 MILES NORTHEAST OF MARTINSVILLE AND 250 FT FROM CONFLUENCE WITH WHITE RIVER.	.0	.1	.1	.1	.1	.1	.5	
03353670	WHITE LICK CREEK NR BROWNSBURG, IN	28.7	LAT 39°51'56", LONG 86°23'42", ON LINE BETWEEN SECS 2 AND 34, T.16N., R.1E., HENDRICKS COUNTY, AT BRIDGE ON COUNTY HIGHWAY, 1/2 MILE NORTH OF BROWNSBURG.	.0	.0	.0	.0	.0	.0	.0	
03353900	EAST FORK WHITE LICK CREEK NR MOORESVILLE, IN	37.4	LAT 39°38'47", LONG 86°20'47", IN SE 1/4 SEC 18, T.14N., R.2E., HENDRICKS COUNTY, AT BRIDGE ON MOORESVILLE ROAD, 0.8 MILE WEST OF FRIENDSWOOD, 3.0 MILES NORTHEAST OF MOORESVILLE.	.5	.6	.6	.6	.6	.6	2.1	

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN		3-DAY MEAN		7-DAY MEAN	
				LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)
03354100	SYCAMORE CREEK NR CENTERTON, IN	17.1	LAT 39°30'49", LONG 86°25'55", ON LINE BETWEEN SEC 33, T.13N., R.1E., AND SEC 4, T.12N., R.1E., MORGAN COUNTY AT COUNTY HIGHWAY BRIDGE 2 MILES WEST OF CENTERTON.	0.0	0.0	0.0	0.0	0.5	
03354200	INDIAN CREEK NR MORGANTOWN, IN	19.4	LAT 39°22'05", LONG 86°13'50", IN NW 1/4 SEC 29, T.11N., R.3E., JOHNSON COUNTY, AT BRIDGE ON HIGHWAY 100 UPSTREAM FROM BARNES CREEK, 1.6 MILES EAST OF MORGANTOWN.	.0	.0	.0	.0	.0	
03357010	WHITE RIVER TRIB NR SPENCER, IN	.32	LAT 39°16'09", LONG 86°46'45", IN SE 1/4 SE 1/4 SE 1/4 SEC 30, T.9N., R.4W., OWEN COUNTY, AT CULVERT ON STATE HWY 67 AND U.S. HWY 231, 1.3 MILES SW OF STATE HWY 46 IN SPENCER.	---	---	---	.0	---	
0335708050	RATTLESNAKE CREEK NR SPENCER, IN	18.7	LAT 39°17'54", LONG 86°48'45", IN IN SW 1/4 SW 1/4 SEC 13, T.10N., R.4W., OWEN COUNTY, 500 FT UP- STREAM FROM BRIDGE ON STATE HWY 46, 2.5 MILES NORTHWEST OF SPENCER.	---	---	---	.0	---	
03357100	RATTLESNAKE CREEK NR SPENCER, IN	25.2	LAT 39°15'36", LONG 86°48'20", IN S 1/2 SEC 36, T.10N., R.4E., OWENS COUNTY, AT COUNTY HIGHWAY BRIDGE, 400 FT UPSTREAM FROM STATE HWY 67 AND U.S. HWY 231 BRIDGE, AND 2.5 MILES SOUTHWEST OF SPENCER.	.3	.3	.3	.3	1.0	
0335715050	RACCOON CREEK NR POTTERSVILLE, IN	31.3	LAT 39°10'58", LONG 86°49'44", IN SEC 26, T.9N., R.4W., OWEN COUNTY, AT NEW HOPE, 2 MILES UPSTREAM FROM MOUTH AND 2 MILES SW OF POTTERSVILLE.	---	---	---	.0	---	

TABLE 1.--LOW-FLOW CHARACTERISTICS FOR PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES--Continued

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN		3-DAY MEAN		7-DAY MEAN		7-DAY MEAN	
				LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 2-YR RECURRENT (ft ³ /s)	LOW FLOW 2-YR RECURRENT (ft ³ /s)
03357267	WEST FORK BIG WALNUT CREEK NR JAMESTOWN, IN	11.2	LAT 39°56'27", LONG 86°34'54", IN SE 1/4 SE 1/4 SEC 1, T.17N., R.2W., BOONE COUNTY, 0.4 MILE UPSTREAM FROM MAIN EDLIN DITCH ON 600 WEST ROAD SOUTH OF OLD UNION ROAD, 2.5 MILES NORTHEAST OF JAMESTOWN.	---	---	---	---	0.0	---	---	---
033572692	MAIN EDLIN DITCH NR LEBANON, IN	21.5	LAT 39°59'09", LONG 86°28'49", IN NE 1/4 SW 1/4 SEC 24, T.18N., R.1W., BOONE COUNTY, ON WEST 138TH STREET OFF STATE HWY 39, 4 MILES SOUTH OF LEBANON.	---	---	---	---	.0	---	---	---
03357273	ROSS DITCH NR RAINTOWN, IN	1.70	LAT 39°54'52", LONG 86°30'55", IN NW 1/4 SE 1/4 SEC 15, T.17N., R.1W., HENDRICKS COUNTY, AT BRIDGE ON 250 W RD, 2.6 MILES NORTH OF RRAINTOWN.	---	---	---	---	.0	---	---	---
03357274	EAST FORK BIG WALNUT CREEK NR MONTCLAIR, IN	1.89	LAT 39°52'04", LONG 86°33'45", IN SE 1/4 SE 1/4 SEC 31, T.17N., R.1W., HENDRICKS COUNTY, 1.4 MILES NORTH OF MONTCLAIR.	---	---	---	---	.0	---	---	---
033572905	GRASSY BRANCH NR NEW BRUNSWICK, IN	3.11	LAT 39°57'07", LONG 86°30'57", IN SW 1/4 SE 1/4 SEC 34, T.18N., R.1W., BOONE COUNTY, AT 600 SOUTH RD BRIDGE, 1 MILE NE OF NEW BRUNSWICK.	---	---	---	---	.0	---	---	---
0335729550	RAMP RUN NR NORTH SALEM, IN	23.5	LAT 39°49'53", LONG 86°39'53", IN NE 1/4 NW 1/4 SEC 17, T.16N., R.2W., HENDRICKS COUNTY, 2.3 MILES SW OF NORTH SALEM.	---	---	---	---	.0	---	---	---

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN		3-DAY MEAN		7-DAY MEAN		7-DAY MEAN	
				LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 2-YR RECURRENT (ft ³ /s)	LOW FLOW 2-YR RECURRENT (ft ³ /s)
03357300	BIG WALNUT CREEK NR BARNARD, IN	119	LAT 39°49'51", LONG 86°41'15", IN NW 1/4 SEC 18, T.16N., R.2W., HENDRICKS COUNTY, AT BRIDGE ON PUTNAM-HENDRICKS COUNTY LINE, 1 1/4 MILES SOUTHWEST OF BARNARD.	1.7	---	1.7	---	2.1	---	5.8	---
0335735850	PLUM CREEK NR BAINBRIDGE, IN	10.1	LAT 39°43'56", LONG 86°46'03", IN SW 1/4 SEC 17, T.15N., R.3W., PUTNAM COUNTY, 0.4 MILE UPSTREAM FROM MOUTH, AND 3.1 MILES SE OF BAINBRIDGE.	---	---	---	---	.0	---	---	---
03357364	BLEDSE BRANCH NR BAINBRIDGE, IN	1.80	LAT 39°44'17", LONG 86°49'02", IN NW 1/4 SEC 14, T.15N., R.4W., PUTNAM COUNTY, 1.8 MILES SOUTHEAST OF BAINBRIDGE.	---	---	---	---	.0	---	---	---
03357396	CLEAR CREEK NR FILLMORE, IN	30.4	LAT 39°41'45", LONG 86°47'05", IN NE 1/4 SE 1/4 SEC 31, T.15N., R.3W., PUTNAM COUNTY, 0.3 MILE UPSTREAM FROM MOUTH AND 2.3 MILES NW OF FILLMORE.	---	---	---	---	.0	---	---	---
03357414	DRY BRANCH GREENCASTLE, IN	5.77	LAT 39°41'00", LONG 86°48'59", IN SE 1/4 NE 1/4 SEC 2, T.14N., R.4W., PUTNAM COUNTY, NORTHEAST FROM 100 EAST ROAD TO BRIDGE NEAR RAILROAD, 3.6 MILES NORTHEAST OF GREENCASTLE.	---	---	---	---	.0	---	---	---
0335741750	SNYDER BRANCH NR GREENCASTLE, IN	2.74	LAT 39°40'15", LONG 86°51'44", IN SE 1/4 NW 1/4 SEC 9, T.14N., R.4W., PUTNAM COUNTY, 500 FT UPSTREAM FROM MOUTH, 1.9 MILES NORTH OF GREENCASTLE.	---	---	---	---	.0	---	---	---
0335746550	SNAKE CREEK NR REELSVILLE, IN	6.56	LAT 39°36'34", LONG 86°57'12", IN NE 1/4 SE 1/4 SEC 34, T.14N., R.5W., PUTNAM COUNTY, 3.7 MILES NORTH OF REELSVILLE.	---	---	---	---	.0	---	---	---

TABLE 1.--LOW-FLOW CHARACTERISTICS FOR PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES--Continued

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN		3-DAY MEAN		7-DAY MEAN		7-DAY MEAN	
				LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 2-YR RECURRENT (ft ³ /s)	LOW FLOW 2-YR RECURRENT (ft ³ /s)
033574805	MAIDEN RUN NR REELSVILLE, IN	3.15	LAT 39°34'01", LONG 86°57'52", IN NW 1/4 SE 1/4 SEC 16, T.13N., R.5W., PUTNAM COUNTY, ON 625 WEST ROAD, 0.7 MILE NORTH OF REELSVILLE.	---	---	---	---	0.0	---	---	---
03357700	MUD CREEK NR LITTLE POINT, IN	34.8	LAT 39°34'34", LONG 86°37'54", ON LINE BETWEEN SECS 9 AND 10, T.13N., R.2W., MORGAN COUNTY, AT BRIDGE ON COUNTY RD 1100 WEST, 0.8 MILE NORTH OF LITTLE POINT AND 1.7 MILES SOUTH OF THE HENDRICKS-MORGAN COUNTY LINE.	0.2	0.2	0.2	0.2	.3	1.1	---	---
0335845050	BULL PATH NR CLOVERDALE, IN	1.42	LAT 39°30'55", LONG 86°49'58", IN NE 1/4 NE 1/4 SEC 3, T.12N., R.4W., PUTNAM COUNTY, AT BRIDGE ON STATE HWY 343, 2.1 MILES WEST OF CLOVERDALE.	---	---	---	---	.0	---	---	---
03360050	BIRCH CREEK NR ASHBORO, IN	40.0	LAT 39°24'14", LONG 87°06'41", IN NE 1/4 SE 1/4 SEC 7, T.11N., R.6W., CLAY COUNTY, AT BRIDGE ON STATE HWY 59, 0.5 MILE NORTHWEST OF ASHBORO.	.3	.3	.3	.3	.4	1.3	---	---
03360200	LATTAS CREEK NR SWITZ CITY, IN	32.7	LAT 39°02'40", LONG 87°02'38", IN SW 1/4 SEC 14, T.7N., R.6W., GREENE COUNTY, AT BRIDGE ON STATE HWY 67, 0.9 MILE NORTHEAST OF SWITZ CITY.	.0	.0	.0	.0	.0	.0	.0	.0
03360225	PLUMMER CREEK NR BLOOMFIELD, IN	66.7	LAT 38°59'33", LONG 86°55'44", IN NW 1/4 NE 1/4 SEC 2, T.6N., R.5W., GREENE COUNTY, AT U.S. HIGHWAY 231 BRIDGE 2.3 MILES SOUTH OF BLOOMFIELD.	.0	.0	.0	.0	.0	.7	---	---

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN		3-DAY MEAN		7-DAY MEAN		7-DAY MEAN	
				LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 2-YR RECURRENT (ft ³ /s)		
03360300	RICHLAND CREEK NR BLOOMFIELD, IN	95.4	LAT 39°01'38", LONG 86°54'25", IN NE 1/4 SE 1/4 SEC 24, T.7N., R.5W., GREENE COUNTY, AT BRIDGE ON STATE HWY 54 1.5 MILES EAST OF BLOOMFIELD.	0.4	0.4	0.4	0.6	0.6	2.6		
0336052550	FIRST CREEK AT NEWBERRY, IN	50.2	LAT 38°54'52", LONG 87°01'44", IN NW 1/4 SEC 36, T.6N., R.6W., GREENE COUNTY, AT STATE HWY 57 2 MILES ABOVE MOUTH, 0.9 MILE SOUTHEAST OF NEWBERRY.	---	---	---	.0	---	---		
03360600	SMOTHERS CREEK NR PLAINVILLE, IN	33.1	LAT 38°48'43", LONG 87°07'48", SE 1/4 SE 1/4 NE 1/4 SEC 1, T.4N., R.7W., DAVIESS COUNTY, AT COUNTY ROAD BRIDGE 1.3 MILE NORTHEAST OF STATE ROAD 57 IN PLAINVILLE.	.0	.1	.1	.1	.1	.4		
03360700	BLACK CREEK NR SANDBORN, IN	109	LAT 38°52'38", LONG 87°11'12", AT INTERSECTION OF SECS 10, 15 AND 16, T.5N., R.7W., KNOX COUNTY, AT BRIDGE ON STATE HWY 58, 1 MILE SOUTH OF SANDBORN.	2.5	3.0	3.3	9.6				
03360800	PRAIRIE CREEK NR WASHINGTON, IN	120	LAT 38°43'01", LONG 87°10'00", IN SW 1/4 SW 1/4 SEC 2, T.3N., R.7W., DAVIS COUNTY, AT BRIDGE ON STATE HWY 57, 4 MILES NORTH OF WASHINGTON.	.1	.1	.2	1.6				
03360860	VEALES CREEK NR WASHINGTON, IN	29.2	LAT 38°36'15", LONG 87°11'39", IN NE 1/4 NE 1/4 SW 1/4 SEC 16 T.2N., R.7W., DAVIESS COUNTY, AT BRIDGE ON STATE HWY 57, 3.7 MILES SOUTHWEST OF WASHINGTON.	.1	.2	.2	.5				

TABLE 1.--LOW-FLOW CHARACTERISTICS FOR PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES---Continued

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN			3-DAY MEAN			7-DAY MEAN			7-DAY MEAN		
				LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)
03360890	POND DITCH (KESSINGER DITCH NR WHEATLAND, IN	42.7	LAT 38°38'07", LONG 87°19'46", KNOX COUNTY, AT BRIDGE ON STATE HWY 241, 2 MILES SOUTHWEST OF WHEATLAND IN SURVEY 61 VINCENNES TRACT.	---	---	---	---	---	---	0.0	---	---	---	---	---
03360920	BIG BLUE RIVER NR NEW CASTLE, IN	17.0	LAT 40°00'15", LONG 85°20'48", ON LINE BETWEEN SECS 23 AND 24 T.18N., R.10E., HENRY COUNTY, 100 FT DOWNSTREAM FROM U.S. HWY 36 BRIDGE, 5.5 MILES NORTH OF NEW CASTLE.	1.9	2.0	2.1	2.0	2.1	2.0	2.1	2.0	2.1	3.6	3.6	3.6
03360965	DUCK CREEK AT GREENSBORO, IN	24.9	LAT 39°52'46", LONG 85°28'03", IN SW 1/4 NE 1/4 SEC 35, T.17N., R.9E., HENRY COUNTY, AT BRIDGE ON COUNTY ROAD 350 SOUTH AT WEST SIDE OF GREENSBORO.	2.3	2.4	2.7	2.4	2.7	2.4	2.7	2.4	2.7	2.9	2.9	2.9
03361400	LITTLE BLUE RIVER NR RAYS CROSSING, IN	97.0	LAT 39°33'16", LONG 85°43'08", ON LINE BETWEEN SECS 23 AND 26, T.13N., R.7E., SHELBY COUNTY, AT BRIDGE ON COUNTY HIGHWAY, 2.8 MILES WEST OF RAYS CROSSING.	.1	.1	.2	.1	.2	.1	.2	.1	.2	1.4	1.4	1.4
03361600	BRANDYWINE CREEK NR MAXWELL, IN	24.3	LAT 39°51'30", LONG 85°44'17", ON LINE BETWEEN SECS 3 AND 10, T.16N., R.7E., HANCOCK COUNTY, AT COUNTY HIGHWAY BRIDGE 1.6 MILES EAST OF MAXWELL.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
03361700	SUGAR CREEK NR PLEASANT VIEW, IN	130	LAT 39°38'49", LONG 85°55'09", IN E 1/2 SEC 24, T.14N., R.5E., SHELBY COUNTY, TRIB TO DRIFTWOOD RIVER SOUTH OF I-74 BRIDGE 1.75 MILES SOUTHEAST OF PLEASANT VIEW.	4.4	4.7	5.2	4.7	5.2	4.7	5.2	4.7	5.2	9.7	9.7	9.7

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN		3-DAY MEAN		7-DAY MEAN		7-DAY MEAN	
				LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)
03361800	BUCK CREEK NR NEW BETHEL, IN	51.0	LAT 39°43'34", LONG 85°58'21", ON LINE BETWEEN SECS 21 AND 28 T.15N., R.5E., MARION COUNTY, AT BRIDGE ON EAST TROY AVENUE 2.4 MILES NE OF NEW BETHEL.	0.0	0.1	0.1	0.1	0.1	0.1	0.6	0.6
03361900	HURRICANE CREEK NR FRANKLIN, IN	14.0	LAT 39°29'53", LONG 86°01'34", ON LINE BETWEEN SECS 7 AND 12, T.12N., R.5E., JOHNSON COUNTY, 400 EAST ROAD AT BRIDGE 1.0 MILE NORTHEAST OF FRANKLIN.	.0	.0	.0	.0	.0	.0	.0	.0
03363200	FLATROCK RIVER NR LEWISVILLE, IN	47.8	LAT 39°48'24", LONG 85°21'29", NW 1/4 SE 1/4 SEC 25, T.16N., R.10E., HENRY COUNTY, AT BRIDGE ON U.S. HWY 40, AT LEWISVILLE.	2.1	2.2	2.2	2.3	2.3	2.3	4.8	4.8
03363400	FLATROCK RIVER NR RUSHVILLE, IN	167	LAT 39°36'15", LONG 85°26'39", NW 1/4 SW 1/4 SEC 5, T.13N., R.10E., RUSH COUNTY, AT BRIDGE ON U.S. HWY 52, 0.3 MILE SOUTH OF COURTHOUSE IN RUSHVILLE.	1.9	2.0	2.0	2.3	2.3	2.3	8.0	8.0
03363450	LITTLE FLATROCK RIVER AT MILROY, IN	34.3	LAT 39°29'49", LONG 85°28'24", IN NW 1/4 NE 1/4 NW 1/4 SEC 13 T.21N., R.9E., RUSH COUNTY, AT BRIDGE ON STATE HWY 244, 800 FT EAST OF STATE HWY 3 AT THE WEST EDGE OF MILROY.	.0	.0	.0	.0	.0	.0	.3	.3
033635125	CONN'S CREEK NR BLUE BLUE RIDGE, IN	56.6	LAT 39°29'45", LONG 85°38'45", ON LINE BTWN SEC 9 AND 16, T.12N., R.8E., SHELBY COUNTY, AT BRIDGE ON STATE HWY 244, 1.5 MILES SOUTHWEST OF BLUE RIDGE.	---	---	---	.0	.0	.0	---	---

TABLE 1.--LOW-FLOW CHARACTERISTICS FOR PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES--Continued

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN			3-DAY MEAN			7-DAY MEAN		
				LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 2-YR RECURRENT (ft ³ /s)	LOW FLOW 2-YR RECURRENT (ft ³ /s)
033643955	N BRANCH CLIFTY CREEK NR SANDUSKY, IN	20.3	LAT 39°25'55", LONG 85°28'10", IN SEC 1, T.11N., R.9E., DECATUR COUNTY, AT COUNTY HIGHWAY BRIDGE, AND 1.0 MILE NORTHEAST OF SANDUSKY.	---	---	---	---	---	0.0	---	---	---
033645905	MIDDLE FK, FALL FK CLIFTY CREEK AT HARTSVILLE, IN	9.47	LAT 39°16'17", LONG 85°40'27", IN NE 1/4 SEC 31, T.10N., R.8E., DECATUR COUNTY, AT BRIDGE ON STATE HIGHWAY 46 AND 1.2 MILES EAST OF HARTSVILLE.	---	---	---	---	---	.0	---	---	---
033646355	OTTER CREEK NR NEWBERN, IN	180	LAT 39°13'01", LONG 85°46'19", IN N 1/2 SEC 20, T.9N., R.7E., BARTHOLOMEW COUNTY, AT BRIDGE ON STATE HWY 9, AND 1.6 MILES SOUTHWEST OF NEWBERN.	---	---	---	---	---	.0	---	---	---
033646855	FISHERS FORK NR PETERSVILLE, IN	2.69	LAT 39°11'18", LONG 85°47'03", ON LINE BETWEEN SECS 30 AND 31 T.9N., R.7E., BARTHOLOMEW COUNTY, AT EAST-WEST COUNTY HWY BRIDGE AND 3.1 MILES SE OF PETERSVILLE.	---	---	---	---	---	.0	---	---	---
03364800	SAND CREEK NR GREENSBURG, IN	91.6	LAT 39°20'55", LONG 85°26'51", NE 1/4 SEC 6, T.10N., R.10E., DECATUR COUNTY, AT COUNTY HIGHWAY BRIDGE 2.5 MILES NE OF GREENSBURG.	0.0	0.0	0.0	0.0	0.0	.0	0.0	0.0	0.0
03365600	WHITE CREEK NR CORTLAND, IN	96.2	LAT 38°58'46", LONG 86°00'58", ON LINE BETWEEN SEC 6 AND 7, T.6N., R.5E., JACKSON COUNTY, AT BRIDGE ON STATE HWY 258 3 MILES WEST OF CORTLAND.	.0	.0	.0	.0	.0	.0	.0	.2	.2

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN		3-DAY MEAN		7-DAY MEAN		7-DAY MEAN	
				LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)
03366300	BIG CREEK NR VOLGA, IN	96.9	LAT 38°46'47", LONG 85°32'57", NE 1/4 NW 1/4 SEC 20, T.4N., R.9E., JEFFERSON COUNTY, AT COUNTY HIGHWAY BRIDGE, 1.7 MILES WEST OF VOLGA.	0.0	0.0	0.0	0.0	0.0	0.0	0.3	
03367000	MUSCATATUCK RIVER NR AUSTIN, IN	359	LAT 39°46'13", LONG 85°49'21", SEC 23, T.4N., R.6E., SCOTT COUNTY, ON RIGHT BANK 15 FEET DOWNSTREAM FROM BRIDGE ON U.S. HWY 31, 2 MILES NORTH- WEST OF AUSTIN.	---	---	---	---	.4	.4	2.0	
0336720050	STUCKER FORK TRIB NR LEXINGTON, IN	13.6	LAT 38°41'36", LONG 85°42'36", ON LINE BTWN SECS 14 AND 23, T.3N., R.7E., SCOTT COUNTY, AT BRIDGE ON STATE HWY 203 (350 EAST ROAD), 0.5 MILE NORTH OF STATE HWY 56, 6 MILES NORTHWEST OF LEXINGTON.	---	---	---	---	.0	.0	---	
033673005	STUCKER FORK AT SCOTTSBURG, IN	76.2	LAT 38°41'41", LONG 85°45'24", ON LINE BETWEEN SECS 16 AND 17, T.3N., R.7E., SCOTT COUNTY, AT COUNTY HIGHWAY BRIDGE, 0.6 MILE NORTH OF STATE HWY 56, 1 MILE EAST OF SCOTTSBURG.	.0	.0	.0	.0	.0	.0	.4	
0336734650	PIGEON ROOST CREEK NR UNDERWOOD, IN	10.1	LAT 38°37'26", LONG 85°46'31", ON LINE BTWN SECS 7 AND 8, T.2N., R.7E., SCOTT COUNTY, AT BRIDGE ON U.S. HWY 31, 1.5 MILES NORTH OF UNDERWOOD.	---	---	---	---	.0	.0	---	
0336940050	SOUTH FORK VERNON FORK NR VERNON	70.7	LAT 38°59'20", LONG 85°34'32", IN SE 1/4 SEC 1, T.6N., R.8E., JENNINGS COUNTY, 500 FT BELOW BRIDGE ON COUNTY RD, 2 MILES EAST OF VERNON BRIDGE KNOWN AS HINCHMAN'S FORD BRIDGE.	---	---	---	---	.0	.0	---	

TABLE 1.--LOW-FLOW CHARACTERISTICS FOR PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES--Continued

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN		3-DAY MEAN		7-DAY MEAN		7-DAY MEAN	
				LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 2-YR RECURRENT (ft ³ /s)	LOW FLOW 2-YR RECURRENT (ft ³ /s)
03371550	MIDDLE FK SALT CREEK AT STORY, IN	38.3	LAT 39°05'37", LONG 86°12'30", IN SE 1/4 SE 1/4 SEC 9, T.8N., R.3E., BROWN COUNTY, OHIO RIVER BASIN AT BRIDGE ON STATE HWY 135, 0.5 MILE SOUTHEAST OF STORY.	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
0337157050	GRAVEL CREEK NR STORY, IN	4.93	LAT 39°05'30", LONG 86°13'41", IN SE 1/4 SE 1/4 SEC 30, T.8N., R.3E., BROWN COUNTY, AT BRIDGE 0.2 MILE ABOVE MOUTH, 1.0 MILE SOUTHWEST OF STORY.	---	---	---	---	0.0	0.0	---	---
0337162050	CROOKED CREEK NR ELKINSVILLE, IN	2.48	LAT 39°06'29", LONG 86°18'49", IN SW 1/4 SW 1/4 SEC 21, T.8N., R.2E., BROWN COUNTY, AT BRIDGE IN FRONT OF CROOKED CREEK SCHOOL, 3.5 MILES NORTH- WEST OF ELKINSVILLE.	---	---	---	---	0.0	0.0	---	---
033719505	LOWER SCHOONER CREEK NR BELMONT, IN	12.0	LAT 39°09'30", LONG 86°20'09", IN SE 1/4 NE 1/4 SEC 6, T.8N., R.2E., BROWN COUNTY, APPROXIMATELY 200 FT EAST OF STATE HW 46 0.1 MILE UPSTREAM FROM MOUTH, 0.75 MILE NORTH- EAST OF BELMONT.	---	---	---	---	0.0	0.0	---	---
0337215050	MOORE CREEK NR HANDY, IN	2.14	LAT 39°06'52", LONG 86°28'12", IN SW 1/4 NE 1/4 SEC 24, T.8N., R.1W., MONROE COUNTY, AT BRIDGE 1.9 MILES NORTHEAST OF HANDY.	---	---	---	---	0.0	0.0	---	---
03372670	JACKSON CREEK NR BLOOMINGTON, IN	4.66	LAT 39°07'17", LONG 86°30'50", IN SW 1/4 SW 1/4 SEC 15, T.8N., R.1W., MONROE COUNTY, AT BRIDGE ON RHORER RD, 0.95 MILE EAST OF STATE HWY 37 ON THE SOUTH SIDE OF BLOOMINGTON.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN		3-DAY MEAN		7-DAY MEAN		7-DAY MEAN	
				LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 2-YR RECURRENT (ft ³ /s)	LOW FLOW 2-YR RECURRENT (ft ³ /s)
03373320	INDIAN CREEK NR TRINITY SPRINGS, IN	172	LAT 38°44'15", LONG 86°46'14", IN W 1/2 SEC 32, T.4N., R.3W., MARTIN COUNTY, AT BRIDGE ON COUNTY RD, 1.3 MILES SOUTH OF TRINITY SPRINGS, 2.3 MILES ABOVE MOUTH.	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0
03373529	BOGGS CREEK NR LOOGOOTE, IN	82.0	LAT 38°41'02", LONG 86°53'04", IN IN NW 1/4 SEC 20, T.3N., R.4W., MARTIN COUNTY, AT BRIDGE ON US HIGHWAY 50, 1.2 MILE UPSTREAM FROM MOUTH, 1 MILE EAST OF LOOGOOTE.	---	---	---	---	.0	.0	---	---
03373600	LICK CREEK NR PAOLI, IN	18.9	LAT 38°32'42", LONG 86°26'56", SW 1/4 SEC 6, T.1N., R.1E., ORANGE COUNTY, AT BRIDGE ON COUNTY ROAD, 1.3 MILES SE OF PAOLI.	.1	.1	.1	.1	.2	.2	.5	.5
03373900	AIKMAN CREEK NR GLENDALE, IN	16.5	LAT 38°34'07", LONG 87°06'32", ON LINE BETWEEN SECS 29 AND 30 T.2N., R.6W., DAVIESS COUNTY, TRIB TO EAST FK. WHITE RIVER, AT BRIDGE ON STATE HWY 257, 1.75 MILES WEST OF GLENDALE.	---	---	---	---	.0	.0	---	---
03374060	CONGER CREEK NR BOWMAN, IN	9.26	LAT 38°29'15", LONG 87°23'13", ON LINE BETWEEN SECS 16 AND 17 T.1N., R.9W., PIKE COUNTY, AT BRIDGE ON U.S. HWY 56, 2.5 MILES WEST OF BOWMAN.	---	---	---	---	.0	.0	---	---
0337445080	PATOKA RIVER TRIB NR VALEENE, IN	1.13	LAT 38°28'17", LONG 86°22'44", IN SW 1/4 SEC 35, T.1N., R.1E. ORANGE COUNTY, 100 FT. ABOVE MOUTH AND 2.4 MILES NORTHEAST OF VALEENE.	---	---	---	---	.0	.0	---	---

TABLE 1.--LOW-FLOW CHARACTERISTICS FOR PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES--Continued

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN		3-DAY MEAN		7-DAY MEAN		7-DAY MEAN	
				LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)
0337445250	FUDGE CREEK NR VALEENE, IN	4.41	LAT 38°27'18", LONG 86°22'25", ON LINE BETWEEN SECS 2 AND 11, T.1S., R.1E., ORANGE COUNTY, AT BRIDGE ON COUNTY RD 1.5 MILES NORTHEAST OF VALEENE.	---	---	---	---	0.0	---	---	---
033744545	FUDGE CREEK TRIB NR VALEENE, IN	10.0	LAT 38°27'18", LONG 86°22'57", ON LINE BTWN SEC 3 AND 10, T.1S., R.1E., ORANGE COUNTY, AT BRIDGE ON COUNTY ROAD, 1.4 MILES NE OF VALEENE.	---	---	---	---	.0	---	---	---
033744805	HOGS DEFEAT CREEK NR VALEENE, IN	6.38	LAT 38°27'34", LONG 86°27'03", IN SW 1/4 SEC 6, T.1S., R.1E., ORANGE COUNTY, AT BRIDGE ON COUNTY ROAD, 3.2 MILES NORTH- WEST OF VALEENE.	---	---	---	---	.0	---	---	---
033744815	HOGS DEFEAT CREEK TRIBUTARY, NR VALEENE, IN	3.08	LAT 38°27'26", LONG 86°27'03", IN SW 1/4 SEC 6, T.1S., R.1E., ORANGE COUNTY, AT BRIDGE ON STATE HWY 37, 3.2 MILES NORTHWEST OF VALEENE.	---	---	---	---	.0	---	---	---
033744850	YOUNGS CREEK NR GREENBRIER, IN	10.8	LAT 38°26'38", LONG 86°31'41", IN SW 1/4 SEC 9, T.1S., R.1W., ORANGE COUNTY, AT BRIDGE ON COUNTY RD, 2.0 MILES SOUTHEAST OF GREENBRIER.	---	---	---	---	.0	---	---	---
03374487	CANE BRANCH NR ETHEL, IN	1.71	LAT 38°25'19", LONG 86°31'07", IN NE 1/4 SEC 21, T.1S., R.1W., ORANGE COUNTY, AT BRIDGE ON COUNTY ROAD 1.3 MILES NORTH OF ETHEL.	---	---	---	---	.0	---	---	---
033748505	PATOKA RIVER TRIB DUBOIS, IN	.16	LAT 38°26'48", LONG 86°48'31", IN NW 1/4 SEC 12, T.1S., R.4W., DUBOIS COUNTY, AT BRIDGE ON STATE HWY 545, AT DUBOIS.	---	---	---	---	.0	---	---	---

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN		3-DAY MEAN		7-DAY MEAN		7-DAY MEAN	
				LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)
0337625850	FLAT CREEK NR ALGIERS, IN	15.2	LAT 38°28'03", LONG 87°08'50", ON LINE BETWEEN SW 1/4 SEC 36 AND SE 1/4 SEC 35, T.1N., R.7W., PIKE COUNTY, AT BRIDGE ON COUNTY RD 3 MILES NORTHWEST OF WHITE SULPHUR SPRINGS.	---	---	---	---	0.0	---	---	---
033762778	BONE CREEK NR WHITE SULPHUR SPRINGS, IN	4.30	LAT 38°24'53", LONG 87°06'44", IN E 1/2 SEC 19, T.1S., R.6W., PIKE COUNTY, AT MOUTH WEST OF FLAT CREEK ROAD, 3 MILES NW OF WHITE SULPHUR SPRINGS.	---	---	---	---	.0	---	---	---
033762785	FLAT CREEK TRIB NR WHITE SULPHUR SPRINGS	22.5	LAT 38°24'27", LONG 87°05'31", ON LINE BETWEEN NW 1/4 SEC 28 AND NE 1/4 SEC 29, T.1S., R.6W., PIKE COUNTY, AT STATE HWY 257 BRIDGE, 1.5 MILES NORTH OF WHITE SULPHUR SPRINGS.	---	---	---	---	.0	---	---	---
033762789	LITTLE FLAT CREEK NR WHITE SULPHUR SPRINGS, IN	9.12	LAT 38°24'01", LONG 87°03'36", IN E 1/2 SEC 27, T.1S., R.6W., DUBOIS COUNTY, AT BRIDGE ON COUNTY ROAD 155N 2 MILES NORTHEAST OF WHITE SULPHUR SPRINGS.	---	---	---	---	.0	---	---	---
033762791	FLAT CREEK NR IRELAND, IN.	50.6	LAT 38°23'39", LONG 87°02'41", IN S 1/2 SEC 26, T.1S., R.6W., DUBOIS COUNTY, AT BRIDGE ON COUNTY ROAD 750W, 2.75 MILES SOUTHWEST OF IRELAND.	---	---	---	---	.0	---	---	---
033762795	SULPHUR SPRINGS BRANCH TRIB NR WHITE SULPHUR SPRINGS, IN	.67	LAT 38°23'09", LONG 87°03'46", AT CENTER OF SEC 34, T.1S., R.6W., DUBOIS COUNTY, AT BRIDGE ON DUBOIS COUNTY ROAD 50 NORTH, 1.5 MILES EAST OF WHITE SULPHUR SPRINGS.	---	---	---	---	.0	---	---	---

TABLE 1.--LOW-FLOW CHARACTERISTICS FOR PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES--Continued

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN		3-DAY MEAN		7-DAY MEAN		7-DAY MEAN	
				LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)
033762812	CUP CREEK NR PIKEVILLE, IN	14.2	LAT 39°19'00", LONG. 87°07'14", IN NW 1/4 SEC 30, T.2S., R.6W. PIKE COUNTY, AT STATE HWY 257 BRIDGE 0.5 MILE SOUTHWEST OF PIKEVILLE.	---	---	---	---	0.0	---	---	---
033762957	LICK CREEK NR WHITE OAK	.89	LAT 38°23'34", LONG 87°09'15", ON LINE BETWEEN SECS 26 AND 35 T.1S., R.7W., PIKE COUNTY, AT BRIDGE ON BRUSTER BRANCH ROAD 1.5 MILES SOUTHWEST OF WHITE OAK.	---	---	---	.0	---	---	---	---
033762958	LICK CREEK TRIBUTARY NR WHITE OAK	1.31	LAT 38°23'13", LONG 87°08'55", NEAR CENTER OF SEC 35, T.1S., R.7W., PIKE COUNTY, AT BRIDGE ON IRON BRIDGE ROAD, 1.75 MILE SOUTH OF WHITE OAK.	---	---	---	.0	---	---	---	---
033762959	BRUSTER BRANCH NR WINSLOW, IN	2.20	LAT 38°23'27", LONG 87°11'02", IN NE 1/4 NE 1/4 SEC 33, T.1S., R.7W., PIKE COUNTY, AT BRIDGE ON BRUSTER BRANCH ROAD, 1.75 MILES NE OF WINSLOW.	---	---	---	.0	---	---	---	---
0337633050	SUGAR CREEK NR LITTLES, IN	2.69	LAT 38°23'58", LONG 87°16'40", IN SW 1/4 NW 1/4 SEC 26, T.1S., R.8W., PIKE COUNTY, AT JUNCTION OF SUGAR RIDGE ROAD AND LINE ROAD, 0.5 MILE EAST OF LITTLES.	---	---	---	.0	---	---	---	---
0337633450	FLAT CREEK NR GLEZEN, IN	9.05	LAT 38°25'18", LONG 87°18'05", ON LINE BETWEEN SECS 16 AND 21 T.1S., R.8W., PIKE COUNTY, AT BRIDGE ON CHANDLER ROAD 0.5 MILE NORTH OF GLEZEN.	---	---	---	.0	---	---	---	---

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN		3-DAY MEAN		7-DAY MEAN		7-DAY MEAN	
				LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 2-YR RECURRENT (ft ³ /s)		
033763443	SOUTH FORK PATOKA RIVER TRIB NR STENDAL, IN	.07	LAT 38°14'59", LONG 87°10'39", IN SW 1/4 SEC 15, T.3S., R.7W., PIKE COUNTY, AT COUNTY ROAD BRIDGE, 2.25 MILES SOUTHWEST OF STENDAL.	---	---	---	0.0	---	---		
033763462	SOUTH FORK PATOKA RIVER TRIB NR SCOTTSBURG, IN	.40	LAT 38°15'50", LONG 87°12'30", IN SW 1/4 SEC 8, T.3S., R.7W., PIKE COUNTY, AT COUNTY ROAD BRIDGE 1.75 MILES SOUTHEAST OF SCOTTSBURG.	---	---	---	.0	---	---		
03378460	BLACK RIVER NR STEWARTSVILLE, IN	33.5	LAT 38°13'35", LONG 87°49'06", ON LINE BETWEEN SECS 35 AND 36 T.3S., R.13W., POSEY COUNTY, AT BRIDGE ON COUNTY HIGHWAY, 3 MILES NNW OF STEWARTSVILLE.	---	---	---	.0	---	---		
03378600	BIG CREEK AT SOLITUDE, IN	224	LAT 38°01'06, LONG 87°54'01", IN SW 1/4 SEC 8, T.6S., R.13N. POSEY COUNTY, AT BRIDGE ON STATE HWY 269, AT SOLITUDE.	0.0	0.0	0.0	.0	0.0	0.8		
04093900	COFFEE CREEK AT CHESTERTON, IN	15.0	LAT 41°36'24, LONG 87°03'03", ON LINE BETWEEN SECS 1 AND 36, T.37N., R.6W., PORTER COUNTY, AT BRIDGE ON PROTER AVE 0.5 MILE EAST OF INTERSECTION WITH CALUMET ROAD (OLD STATE HWY 49), IN CHESTERTON.	3.9	4.0	4.0	4.0	4.0	4.9		
04095050	DUNES CREEK NR DUNE ACRES, IN	3.40	LAT 41°39'13", LONG 87°03'47", PORTER CO, SE 1/4 NW 1/4 NW 1/4 SEC 13, T.37N, R.6W, 50 FT UPSTREAM FROM MOUTH, AT INDIANA DUNES STATE PARK PAVILION.	.0	.0	.0	.0	.0	.0		

TABLE 1.--LOW-FLOW CHARACTERISTICS FOR PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES--Continued

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN			3-DAY MEAN			7-DAY MEAN			7-DAY MEAN		
				LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)
0409902050	EWING DITCH NR ANGOLA, IN	4.00	LAT 41°38'40", LONG 84°56'44", IN SE 1/4 SW 1/4 SEC 20, T.37N., R.14E., STEUBEN COUNTY, ON LIGHT DUTY, 0.2 MILE NORTH OF PIGEON LAKE, 2 MILES EAST OF ANGOLA.	---	---	---	---	---	---	---	---	---	---	---	---
0409904050	BERLIEN DITCH NR ANGOLA, IN	3.20	LAT 41°38'15", LONG 84°55'30", IN SE 1/4 NW 1/4 SEC 28, T.37N., R.14E., STEUBEN COUNTY, AT BRIDGE ON COUNTY ROAD 350 EAST, 3.5 MILES EAST OF ANGOLA.	---	---	---	---	---	---	---	---	---	---	---	---
04099805	LITTLE ELKHART RIVER NR MIDDLEBURY, IN	60.6	LAT 41°39'15", LONG 85°40'14", IN ON LINE BETWEEN SECS 13 AND 24 T.37N., R.7E., ELKHART COUNTY, AT BRIDGE ON U.S. HWY 20, 2.2 MILES SOUTHEAST OF MIDDLEBURY.	3.5	6.0	8	14								
0410009550	DOVE CREEK NR VALENTINE, IN	2.20	LAT 41°34'38", LONG 85°24'57", IN SE 1/4 NW 1/4 SEC 18, T.36N., R.10E., LAGRANGE COUNTY, AT BRIDGE ON COUNTY ROAD 450 SOUTH, JUST EAST OF JUNCTION WITH COUNTY ROAD 50 EAST.	---	---	---	---	---	---	---	---	---	---	---	---
04100375	SOLOMON RIVER NR SYRACUSE, IN	33.9	LAT 41°27'03", LONG 85°42'34", IN NE 1/4 NE 1/4 SEC 33, T.35N., R.7E., ELKHART COUNTY, AT BRIDGE ON U.S. HWY 6, 0.75 MILE WEST OF STATE HWY 13.	2.1	3.7	4.9	7.6								
04100490	TURKEY CREEK NR NEW PARIS, IN	4.16	LAT 41°30'01", LONG 85°50'32", IN SW 1/4 SEC 9, T.35N., R.6E., ELKHART COUNTY, AT COUNTY HIGHWAY BRIDGE 0.4 MILE WEST OF NEW PARIS.	9.5	11	14	32								

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN		3-DAY MEAN		7-DAY MEAN		7-DAY MEAN	
				LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)
04100800	YELLOW CREEK AT DUNLAP, IN	32.4	LAT 41°38'44", LONG 85°56'00", IN NE 1/4 NE 1/4 SEC 22 T.37N., R.5E., ELKHART COUNTY, AT BRIDGE ON U.S. HWY 33 AT NORTHWEST EDGE OF DUNLAP.	0.6	1.1	1.1	1.4	1.4	2.4	2.4	2.4
04101300	JUDY CREEK AT ROSELAWN, IN	37.3	LAT 41°43'18", LONG 86°15'02", IN NE 1/4 NW 1/4 NW 1/4 SEC 25 T.38N., R.2E., ST JOSEPH COUNTY, AT BRIDGE ON U.S. HWY 31 150 FT SOUTH OF INTERSTATE 80 AND 90 AT THE NORTH EDGE OF ROSELAND.	1.5	2.0	2.0	2.4	2.4	3.8	3.8	3.8
04177800	FISH CREEK NR ARTIC, IN	96.8	LAT 41°29'13", LONG 84°50'13", SE 1/4 SE 1/4 SEC 18, T.35N., R.15E., DEKALB COUNTY, UPSTREAM FROM DEKALB COUNTY ROAD NO. 12 BRIDGE, 1.7 MILES NW OF ARTIC, AND 1.9 MILES E. OF JERUSALEM SCHOOL.	1.4	1.6	1.6	1.8	1.8	4.4	4.4	4.4
04177900	BIG RUN AT BUTLER, IN	16.7	LAT 41°26'09", LONG 84°52'08", SW 1/4 NW 1/4 SEC 1, T.34N., R.14E., DEKALB COUNTY, AT BRIDGE ON STATE HWY 1, 0.6 MILE DUE NORTH OF INTERSECTION OF U.S. HWY 6, AND STATE HWY 1, NORTH OF BUTLER.	.6	.7	.7	.7	.7	1.4	1.4	1.4
04178400	BEAR CREEK NR SAINT JOE, IN	23.9	LAT 41°18'58", LONG 84°53'32", IN SE 1/4 SE 1/4 SEC 15, T.33N., R.14E., DEKALB COUNTY, AT BRIDGE ON STATE HWY 1, 0.1 MILE NORTH OF B & O RAILROAD AND 0.4 MILE EAST OF SAINT JOE.	.9	.9	.9	1.0	1.0	1.4	1.4	1.4

TABLE 1.--LOW-FLOW CHARACTERISTICS FOR PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES--Continued

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN			3-DAY MEAN			7-DAY MEAN		
				LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)
04178500	ST JOE RIVER NR HURSH, IN	734	LAT 41°14'47", LONG 84°58'23", IN SEC 12, T.32N., R.13E., ALLEN COUNTY, NEAR CENTER OF SPAN ON DOWNSTREAM SIDE OF HUBTOWN BRIDGE AT HURSH, AND 5 1/2 MILES UPSTREAM FROM CEDAR CREEK.	28	28	28	28	28	28	29	29	50
04179308	DRIBBLING DITCH NR WATERLOO, IN	12.9	LAT 41°27'03", LONG 85°02'25", IN NW 1/4 NW 1/4 SEC 33, T.35N., R.13E., DEKALB COUNTY, AT BRIDGE ON COUNTY RD 22, 0.8 MILE WEST OF COUNTY RD 35, 1.6 MILES NORTHWEST OF WATERLOO.	.6	.6	.6	.6	.6	.6	.7	.7	.9
04179310	CEDAR CREEK NR WATERLOO, IN	48.8	LAT 41°26'14", LONG 85°01'03", NW 1/4 SEC 3, T.34N., R.13E., DEKALB COUNTY, AT BRIDGE ON U.S. HWY 427, 2.3 MILES NE OF WATERLOO.	.9	.9	.9	.9	.9	.9	1.1	1.2	2.1
04179800	LITTLE CEDAR CREEK NR GARRETT, IN	72.3	LAT 41°16'08", LONG 85°08'07", ON LINE BETWEEN SECS 33 AND 34 T.33N., R.12E., DEKALB COUNTY, AT BRIDGE ON U.S. HWY 27, 0.25 MILE NORTH OF ALLEN-DEKALB COUNTY LINE.	3.2	3.2	3.2	3.2	3.2	3.2	3.4	3.6	5.0
04179900	WILLOW CREEK NR HUNTERTOWN, IN	19.0	LAT 41°14'37", LONG 85°10'03", IN SE 1/4 NW 1/4 SEC 8, T.32N., R.12E., ALLEN COUNTY, AT BRIDGE ON STATE HWY 3, ABOUT 300 FT NORTH OF SHOAF ROAD, 2.1 MILES NORTH OF HUNTERTOWN.	.1	.1	.1	.1	.1	.1	.2	.2	.4

TABLE 1.--LOW-FLOW CHARACTERISTICS FOR PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES--Continued

STATION No.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN			3-DAY MEAN			7-DAY MEAN		
				LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 10-YR RECURRENT (ft ³ /s)	LOW FLOW 2-YR RECURRENT (ft ³ /s)	LOW FLOW 2-YR RECURRENT (ft ³ /s)
04181100	BLUE CREEK NR PLEASANT MILLS, IN	78.5	LAT 40°44'49", LONG 84°49'20", IN NE 1/4 NE 1/4 SEC 4, T.26N., R.5E., ADAMS COUNTY, AT BRIDGE ON STATE HWY 124, 1.5 MILES WEST OF WILLSHIRE OHIO AND 2.2 MILES SOUTHEAST OF PLEASANT MILLS.	0.4	0.5	0.7	0.4	0.5	0.7	0.4	0.5	1.1
04181600	HOLTHOUSE DITCH NR DECATUR, IN	34.0	LAT 40°50'48", LONG 84°56'44", IN THE NE 1/4 NW 1/4 NE 1/4 SEC 32, T.28N., R.14E., ADAMS COUNTY, AT WINCHESTER ROAD BRIDGE, 0.4 MILE UPSTREAM FROM MOUTH, AND 0.5 MILE NORTHWEST OF DECATUR.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
04181800	NICLELSEN CREEK NR POE, IN	25.6	LAT 40°55'36", LONG 85°03'57", IN SE 1/4 NW 1/4 SEC 33, T.29N., R.13E., ALLEN COUNTY, AT BRIDGE ON WINCHESTER ROAD, 1.0 MILE SOUTHEAST OF POE.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
04181900	HOUK DITCH NR HESSEN CASSEL, IN	16.3	LAT 40°59'27", LONG 85°05'32", SW 1/4 SW 1/4 SEC 5, T.29N., R.13E., ALLEN COUNTY, AT U.S. HIGHWAY 27-33 BRIDGE, 0.4 MILE UPSTREAM FROM MOUTH, 1.2 MILES NW OF HESSEN CASSEL, AND 7 MILES SE OF FORT WAYNE.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
04191340	FLATROCK CREEK NR TOWNLEY, IN	47.1	LAT 41°00'51", LONG 84°51'06", IN NW 1/4 SE 1/4 SEC 32, T.30N., R.15E., ALLEN COUNTY, AT U.S. HWY 30 BRIDGE CROSSING 0.6 MILE EAST OF STATE HWY, 1.2 MILES SE OF TOWNLEY.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1

STATION No.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN		3-DAY MEAN		7-DAY MEAN	
				LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)
04191360	HOFFMAN CREEK AT TOWNLEY, IN	41.7	LAT 41°01'16", LONG 84°52'16", IN NE 1/4 SEC 31 T.30N., R.15E., ALLEN COUNTY, AT BRIDGE ON U.S. HIGHWAY 30, AT TOWNLEY.	0.0	0.0	0.0	0.0	0.0	0.0
05515100	LITTLE KANKAKEE RIVER NR MILL CREEK, IN	33.8	LAT 41°34'15", LONG 86°34'27", SEC 18, T.36N., R.2W., LAPORTE COUNTY, AT BRIDGE ON STATE HWY 24, 2 1/2 MILES WEST OF MILL CREEK.	22	22	23	25		
05516300	DAUSMAN DITCH NR BREMEN, IN	53.4	LAT 41°22'58", LONG 86°07'02", ON LINE BETWEEN SEC 19 T.34N., R.4E., AND SEC 24 T.34N., R.3E., MARSHALL COUNTY, AT BRIDGE ON STATE HWY 331, 4.5 MILES SOUTH OF BREMEN.	1.9	1.9	2.0	3.1		
05516650	WOLF CREEK NR ARGOS, IN	31.1	LAT 41°15'40", LONG 86°18'32", ON LINE BETWEEN SECS 32 AND 33 T.33N., R.2E., MARSHALL COUNTY AT BRIDGE ON SOUTH MUCKSHAW ROAD, 1.6 MILES NORTH OF HWY 31 IN ARGOS.	3.5	3.7	3.8	5.2		
05516950	EAGLE CREEK NR GROVERTOWN, IN	31.9	LAT 41°18'44", LONG 86°31'27", IN NE 1/4 SE 1/4 NE 1/4 SEC 16, T.33N., R.1W., STARKE COUNTY, AT BRIDGE ON STATE HWY 23, 5.2 MILES SOUTH OF U.S. HWY 30 OUT OF GROVERTOWN.	3.7	4.2	4.4	11		
05517550	REEVES DITCH NR LACROSSE, IN	44.1	LAT 41°19'03", LONG 86°55'49", ON LINE BETWEEN SECS 12 AND 13 T.33N., R.5W., PORTER-LAPORTE COUNTY LINE, AT BRIDGE ON STATE HWY 8, 2.0 MILES WEST OF LACROSSE.	7.5	7.5	8	14		

TABLE 1.--LOW-FLOW CHARACTERISTICS FOR PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES--Continued

STATION NO.	STATION NAME	DRAINAGE AREA (mi ²)	LOCATION	1-DAY MEAN			3-DAY MEAN			7-DAY MEAN			7-DAY MEAN		
				LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 10-YR RECURRENCE (ft ³ /s)	LOW FLOW 2-YR RECURRENCE (ft ³ /s)
05517750	CROOKED CR NR KOUTS, IN	69.9	LAT 41°17'20", LONG 87°00'05", ON LINE BETWEEN SECS 21 AND 28 T.33N., R.5W., PORTER COUNTY, AT BRIDGE ON COUNTY RD 1000 SOUTH, 0.55 MILE EAST OF INTERSECTION WITH COUNTY RD 75 EAST, 2.3 MILES SOUTHEAST OF KOUTS.	17	18	18	18	18	18	18	18	25	18	18	25
05517880	WOLF CREEK NR KOUTS, IN	13.8	LAT 41°21'44", LONG 87°04'59", IN SW 1/4 SW 1/4 SEC 26, T.34N., R.6W., PORTER COUNTY, AT CORRUGATED METAL PIPE CUL- VERT ON COUNTY RD 100 WEST, 1.1 MI NORTH OF INTERSECTION WITH 600 S., 4.1 MI NW OF KOUTS.	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	3.1	2.3	2.3	3.1
05518500	SINGLETON DITCH NR HEBRON, IN	34.2	LAT 41°17'00", LONG 87°15'00", ON LINE BETWEEN SECS 20 AND 29 T.33N., R.7W., PORTER COUNTY, AT STATE HWY 2 BRIDGE, 3.2 MILES SOUTHEAST OF HEBRON.	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	3.0	1.5	1.5	3.0