

Low-Flow Characteristics of Small Streams in Proposed Public Law 566 Basins

PREPARED BY

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

IN COOPERATION WITH

WISCONSIN DEPARTMENT OF NATURAL RESOURCES

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ABSTRACT

Low-flow characteristics of Wisconsin streams in basins considered for work under Public Law 566 are presented in this report. The low-flow characteristics presented are the annual minimum 7-day mean flow below which the flow will fall on the average of once in 2 years ($Q_{7,2}$) and the annual minimum 7-day mean flow below which the flow will fall on the average of once in 10 years ($Q_{7,10}$).

The low-flow characteristics are presented for 278 project sites in 32 basins considered for work under Public Law 566. They were determined by correlating base-flow measurements at the project site to the concurrent daily mean flow at continuous-record gaging stations in the area. The $Q_{7,2}$ and $Q_{7,10}$ discharges determined by a frequency analysis at the continuous-record gaging stations were used to estimate the $Q_{7,2}$ and $Q_{7,10}$ at the project sites.

The accuracy of the estimated low-flow characteristics is evaluated according to the type and amount of data available used. The statewide average of the accuracy determined by the standard error of estimate for the 10-year low flow ($SE_{7,10}$), based on three base-flow measurements, is 45 percent but differs within the State.

INTRODUCTION

The purpose of this report is to describe the low-flow characteristics of Wisconsin streams in basins considered for watershed protection under Public Law 566. Public Law 566 is the Watershed Protection and Flood Prevention Act of 1954 enacted by the 83d Congress of the United States (Soil and Water Conservation Districts, 1973, p. 3). The study was done in cooperation with the Wisconsin Department of Natural Resources.

The Wisconsin Department of Natural Resources has the responsibility to assess the feasibility and the effects of land and water-management practices in the State. To accomplish this, the magnitude and frequency of

the recurrence of low flows of streams must be known. Therefore, the annual minimum 7-day mean flow below which the flow will fall on the average of once in 10 years ($Q_{7,10}$) and the annual minimum 7-day mean flow below which the flow will fall on the average of once in 2 years ($Q_{7,2}$) have been determined. In Wisconsin, the $Q_{7,10}$ is used as a guideline for water-quality standards and the $Q_{7,2}$ is used as a guideline for reservoir-discharge and water-use decisions. This report contains estimates of the $Q_{7,2}$ and $Q_{7,10}$ at 278 sites in 32 basins being considered for work under Public Law 566. These basins are shown in figure 1.

For ease of reference the subbasins are listed alphabetically in the index. Also listed is the major basin to which it belongs and the page number where the data can be found.

For the convenience of readers who prefer to use metric units, the U.S. customary units in this report may be converted by using the following factors.

<u>Multiply</u>	<u>By</u>	<u>To obtain</u>
mile (mi)	1.609	kilometer (km)
foot (ft)	.3048	meter (m)
square mile (mi ²)	2.59	square kilometer (km ²)
cubic foot per second (ft ³ /s)	.028317	cubic meter per second (m ³ /s)

LOW-FLOW CHARACTERISTICS

The estimated low-flow characteristics at the project sites appear in tables 1-15. These tables contain the low-flow characteristics at the project site locations in 15 of the 30 major basins (table 16) into which the Wisconsin Department of Natural Resources (DNR) has divided the State. The smaller project basins were listed under their respective major basin and are shown in tables 1-15. Information included in the tables for each site are stream name, station number, project site number, site location, drainage area, measured discharge, and accuracy level of the estimated low-flow characteristics. Sites that have no project site numbers were sites that were in the basins but not measured for this project. However, because the low-flow characteristics at these sites were determined for other projects, the data were included in this report.

ANALYTICAL TECHNIQUES

Low-flow characteristics in tables 1-15 have been estimated for three basic types of stations that involved different analytical methods. The three types of stations are: (1) continuous record of daily streamflow (continuous-record gaging stations); (2) 8 to 12 base-flow discharge measurements (low-flow partial-record stations); (3) 3 or more base-flow discharge measurements (stations established for the project).

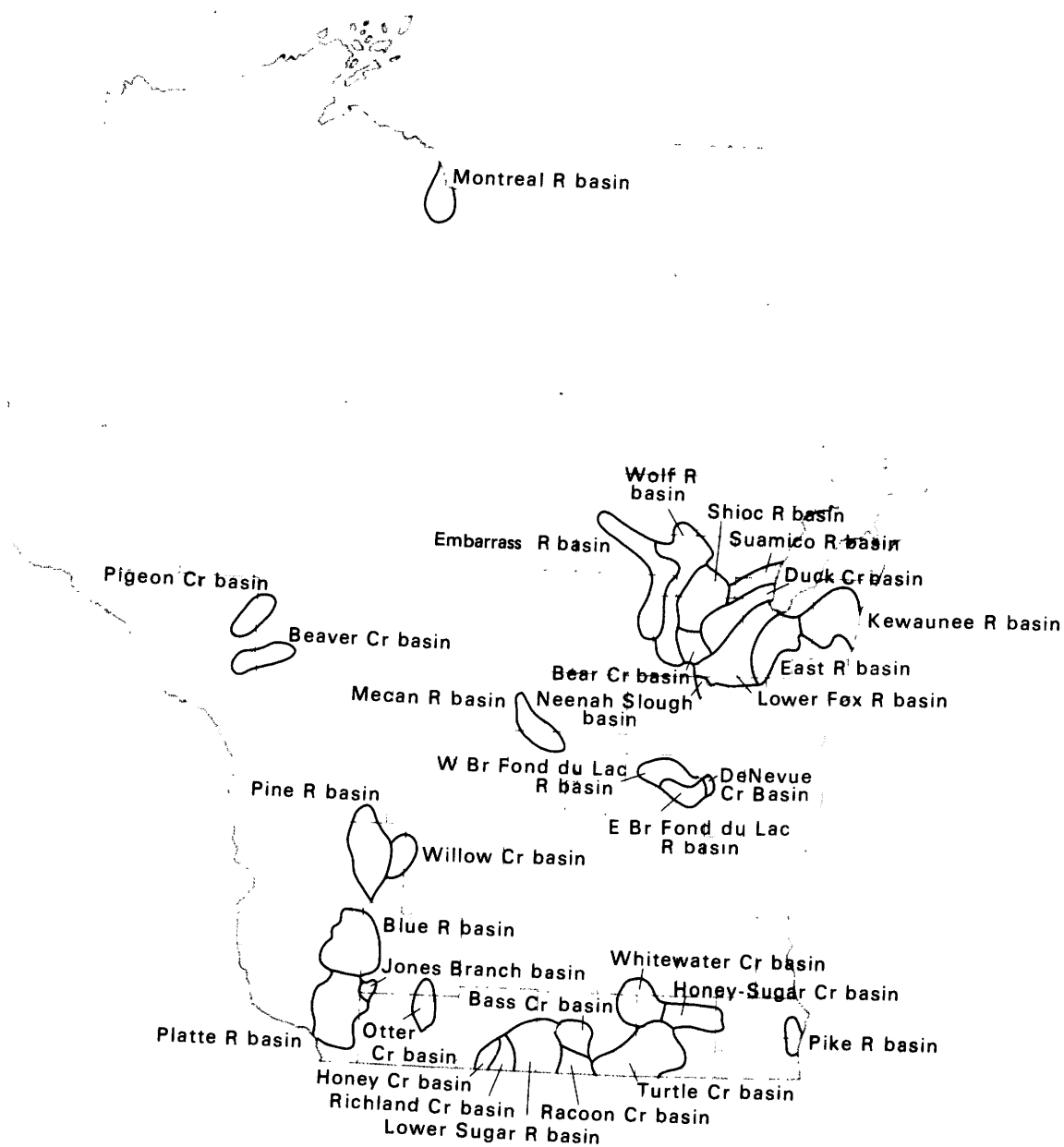


Figure 1. Locations of Public Law 566 river basins where $Q_{7,2}$ and $Q_{7,10}$ have been estimated.

GAGING STATIONS

The low-flow characteristics at gaging stations have been estimated by a frequency analysis of the recorded 7-day annual minimum flow by either a log-Pearson Type III probability distribution or a graphical plot of the annual minimum 7-day mean flows (Riggs, 1972, p. 1-10). All the available data at gaging stations through the 1972 water year were used for this analysis except for basins in the lower Wisconsin, Grant-Platte, lower Rock, Pecatonica, Sugar, and Fox (Illinois) that used data through the 1975 water year.

LOW-FLOW PARTIAL-RECORD STATIONS

Low-flow characteristics at low-flow partial-record stations have been determined by a graphical correlation analysis. By correlating 8 to 12 base-flow discharge measurements at the low-flow partial-record station to the concurrent discharge at a nearby gaging station in the area a relation line was established (Gebert, 1971). The $Q_{7,2}$ and $Q_{7,10}$ at the continuous-record gaging station then was transferred through the relation line to estimate $Q_{7,2}$ and $Q_{7,10}$ for the partial-record station.

PROJECT STATIONS

The estimated low-flow characteristics for project stations contained in this report are based on three or more base-flow measurements at each site. An exception to this is where one or two visits indicated no flow and the concurrent discharge at the gaging station used for correlation was greater than the $Q_{7,2}$. For these sites the $Q_{7,2}$ and $Q_{7,10}$ was assumed to be zero. The base-flow measurements at sites where three or more measurements were available were correlated with the concurrent daily mean flow at a continuous-record gaging station with similar hydrologic characteristics. The slope of the relation was compared to the established relation line at nearby low-flow partial-record stations for uniformity. If the factors that largely influence low flow are uniform in the area, the relation lines should have the same slope. The slope of relation line was adjusted to agree more closely to a regional slope, defined by the low-flow partial-record stations, when the points defined by the three or more discharge measurements had a fairly large scatter. The $Q_{7,2}$ and $Q_{7,10}$ discharges, determined by a frequency analysis at the continuous-record gaging station then were transferred through the relation line to estimate the $Q_{7,2}$ and $Q_{7,10}$ at the project sites. Figure 2 illustrates this method of correlation.

At some sites the relationships were not adequate to determine the low-flow characteristics and are designated by the letter "a". A few of these sites did not have enough range in discharge to define a relation line. Another reason for the poor definition of the relation line is that three measurements are not adequate in some basins. This is generally true when the basin of a gaging station has different hydrologic characteristics than the ungaged site. At these sites, additional measurements would be required to acquire the same degree of accuracy defined in basins with homogeneous hydrologic characteristics.

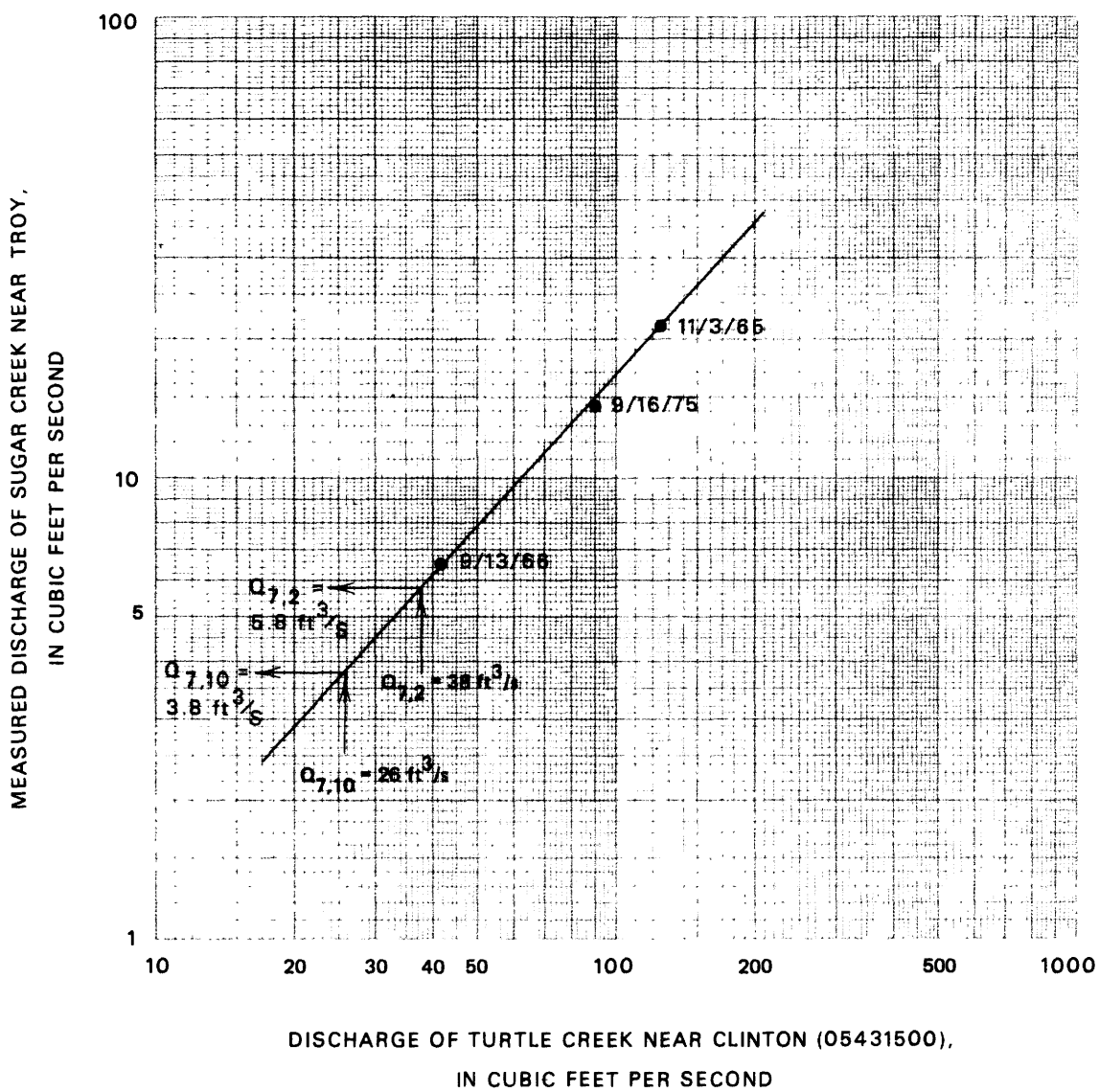


Figure 2. Method of estimating $Q_{7,2}$ and $Q_{7,10}$ from correlation of base-flow measurements at Sugar Creek near Troy to concurrent daily mean flow of Turtle Creek near Clinton.

ACCURACY

The $Q_{7,2}$ and $Q_{7,10}$ low-flow characteristics in tables 1-15 are estimates of flow expected in the future. The estimates are based on data that were collected at each site and analyzed by several methods. Each estimate has an error associated with it, dependent on the amount and kind of data and on the analytical method. The two major sources of error in the estimates are the time-sampling error in collecting the data and the error in the analytical method.

Accuracy is determined by the standard error of estimate for the 10-year low-flow discharge ($SE_{7,10}$). The estimated low-flow characteristics are within the $SE_{7,10}$ 67 percent of the time. An explanation of how the accuracy was determined for each method follows.

GAGING STATIONS

The accuracy for low-flow characteristics estimated from recorded discharge at continuous-record gaging stations was determined by Gebert and Holmstrom (1974, p. 7) using a frequency analysis described by Hardison (1969, p. D210-214). By analyzing all the gaging station records in Wisconsin with the assumption that 10 years of record were available at each site, they determined an $SE_{7,10}$ of 18 percent. Gaging stations in the basins studied under Public Law 566 have the accuracy level of their $SE_{7,10}$ listed.

LOW-FLOW PARTIAL-RECORD STATIONS

The accuracy of low-flow characteristics at low-flow partial-record stations in Wisconsin was estimated by Gebert and Holmstrom (1974) using a method outlined by Hardison and Moss (1972, p. 42-45). Using this procedure they found an average $SE_{7,10}$ of 29 percent for 265 stations. Low-flow partial-record stations in basins studied under Public Law 566 have the accuracy level of their $SE_{7,10}$ listed in tables 1-15.

PROJECT STATIONS

Most of the project stations had less than six base-flow measurements and the accuracy of the low-flow characteristics of these stations cannot be appraised directly. However, Gebert and Holmstrom (1974, p. 7-8) used the data collected at low-flow partial-record stations to analyze the approximate accuracy associated with the low-flow characteristics based on only three random base-flow measurements. Their analyses resulted in an $SE_{7,10}$ for the statewide average of 45 percent. Low-flow characteristics in tables 1-15 using this average have an accuracy level indicated by the letter "b". If six or more discharge measurements were available at the project station, the $SE_{7,10}$ was determined graphically and the accuracy listed.

The accuracy of the low-flow characteristics also differs for different areas of the State (table 16). These accuracies of $Q_{7,10}$ at low-flow

partial-record stations probably are considerably better than those at the project sites because generally the low-flow characteristics can be defined better by more discharge measurements. This table can be used to evaluate the relative accuracy of low-flow estimates at project sites for different basins. For example, the $SE_{7,10}$ at low-flow partial-record stations in the lower Wisconsin River basin is 11 percent, which is considerably lower than the average $SE_{7,10}$ of 29 percent for all river basins in the State. Therefore, the $SE_{7,10}$ for project sites in the lower Wisconsin River basin probably is less than the $SE_{7,10}$ of 45 percent determined as the average for all river basins.

For those project stations where six or more previous base-flow measurements were available, a standard error of estimate was determined by measuring the standard error of the graphical regression of the log-relation plot (Riggs, 1968, p. 21-22). The accuracy of the low-flow characteristics at the project stations where six or more discharge measurements were available are listed in tables 1-15.

TABLE 1.--BASIN PROJECT SITE LOCATIONS AND LOW-FLOW CHARACTERISTICS

LAKE SUPERIOR BASIN

LAKE SUPERIOR BASIN										ACCURACY
STATION NO.	STREAM NAME	PROJECT NO.	LOCATION	DRAIN-AGE AREA (MI ²)	DATE	DIS-CHARGE (FT ³ /S)	LOW-FLOW CHARACTERISTICS		LEVFL SE10 (PER-CENT)	
							Q7.2 (FT ³ /S)	Q7.10 (FT ³ /S)		
MONTREAL RIVER BASIN										
04027852	MONTREAL RIVER TRIBUTARY	3	SW 1/4 SW 1/4 SEC.20, T.44 N., R.3 E., IRON COUNTY, AT CULVERT ON U.S. HIGHWAY 51, 12.6 MI (20.3 KM) SOUTH OF HURLEY.	.59	10-14-71 06-14-73 10-05-75	.22 .16 .05	0.01	<0.01	b	
04027876	LAYMANS CREEK	6	SE 1/4 SW 1/4 SEC.1, T.44 N., R.2 E., IRON COUNTY, AT CULVERT ON TOWN ROAD, 9.3 MI (15.0 KM) SOUTH OF HURLEY.	.40	10-13-71 06-14-73 10-05-75	2.30 3.48 .30	.11	.04	b	
04027890	LAYMANS CREEK	7	SW 1/4 NW 1/4 SEC.6, T.44 N., R.3 E., IRON COUNTY, ABOVE CONFLUENCE WITH TRIBUTARY, 9.0 MI (14.5 KM) SOUTH OF HURLEY.	5.02	10-13-71 06-14-73 10-05-75	4.65 6.68 .67	.07	.08	b	
04027890	LAYMANS CREEK TRIBUTARY	8	NW 1/4 SW 1/4 SEC.6, T.44 N., R.3 E., IRON COUNTY, AT CULVERTS ON TOWN ROAD, 9.1 MI (14.6 KM) SOUTH OF HURLEY.	9.00	10-13-71 06-14-73 10-05-75	5.52 9.62 1.56	.36	.13	b	
04027895	LAYMANS CREEK TRIBUTARY	9	NF 1/4 NE 1/4 SEC.6, T.44 N., R.3 E., IRON COUNTY, AT SCHOMBERG PARK, 8.6 MI (13.8 KM) SOUTH OF HURLEY.	2.17	10-12-71 06-14-73 10-05-75	1.45 1.65 .62	.09	.0	b	
04027900	LAYMANS CREEK ¹	10	NF 1/4 NF 1/4 SEC.6, T.44 N., R.3 E., IRON COUNTY, AT BRIDGE ON U.S. HIGHWAY 51, 8.8 MI (14.2 KM) SOUTH OF HURLEY.	17.5	08-18-75	2.14	.03	.05	b	
04027905	LAYMANS CREEK	11	NW 1/4 NE 1/4 SEC.32, T.45 N., R.3 E., IRON COUNTY, AT BRIDGE ON TOWN ROAD, 8.0 MI (12.9 KM) SOUTH OF HURLEY.	18.4	10-13-71 06-14-73 10-05-75	14.1 15.3 3.16	.66	.09	b	
04027920	MONTREAL RIVER	12	SE 1/4 NE 1/4 SEC.28, T.45 N., R.3 E., IRON COUNTY, AT END OF TOWN ROAD, 7.5 MI (12.1 KM) SOUTH OF HURLEY.	39.1	10-12-71 06-14-73 10-04-75	28.0 37.6 14.0	1.1	.1	b	
04027932	MONTREAL RIVER TRIBUTARY	13	NW 1/4 NW 1/4 SEC.29, T.45 N., R.3 E., IRON COUNTY, AT CULVERT ON TOWN ROAD, 6.8 MI (10.9 KM) SOUTH OF HURLEY.	.68	10-13-71 06-14-73 10-06-75	.32 .23 .05	.01	<.01	b	
04027935	MONTREAL RIVER TRIBUTARY	14	NW 1/4 SW 1/4 SEC.20, T.45 N., R.3 E., IRON COUNTY, AT CULVERTS ON TOWN ROAD, 6.2 MI (10.0 KM) SOUTH OF HURLEY.	1.84	10-12-71 06-14-73 10-06-75	.60 .53 .07	.03	.01	b	
04027940	MONTREAL RIVER TRIBUTARY	15	NE 1/4 NF 1/4 SEC.20, T.45 N., R.3 E., IRON COUNTY, AT CULVERT ON TOWN ROAD, 5.8 MI (9.3 KM) SOUTH OF HURLEY.	3.03	10-12-71 06-14-73 10-04-75	.93 .49 .05	.0	.07	b	
04028000	MONTREAL RIVER ³	19	NW 1/4 SE 1/4 SEC.24, T.46 N., R.2 E., IRON COUNTY, AT BRIDGE ON AURORA STREET, BETWEEN HURLEY, WIS., AND IRONWOOD, MICH.	63.8	09-26-75	.10	4.7	2.4	CO	

¹ LOW-FLOW PARTIAL-RECORD STATION.² MINIMUM MEASURED.³ GAUGING STATION.⁴ MINIMUM RECORDED.

TABLE 2.--BASIN PROJECT SITE LOCATIONS AND LOW-FLOW CHARACTERISTICS

DUCK-PENSAUKEE RIVER BASIN

DUCK-PENSACOLE RIVER BASIN										ACCURACY LEVEL SF10 (PER- CENT)
STATION NO.	STREAM NAME	PROJECT NO.	LOCATION	DRAIN- AGE AREA (MI ²)	DATE	DIS- CHARGE (FT ³ /S)	LOW-FLOW CHARAC- TERISTICS Q7.2 Q7.10 (FT ³ /S) (FT ³ /S)			
SUAMICO RIVER BASIN										
04071903	LITTLE SUAMICO RIVER	4	NE 1/4 NE 1/4 SEC.24, T.26 N., R.19 E., OCONTO COUNTY, AT BRIDGE ON TOWN ROAD, 3.0 MI (4.8 KM) WEST OF SOBIESKI.	34.8	08-13-69 08-27-69 07-08-76	1.67 1.27 1.28	0.78	0.45	b	
04071915	LITTLE SUAMICO RIVER		SE 1/4 SE 1/4 SEC.24, T.26 N., R.20 E., OCONTO COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY J, 0.3 MI (0.5 KM) SOUTH OF LITTLE SUAMICO.	54.8	08-13-69 08-28-69 10-17-72 07-08-76 07-14-76	1.46 .66 9.73 .64 .29	.30	.07	b	
04071965	SUAMICO RIVER TRIBUTARY	2	SE 1/4 NW 1/4 SEC.22, T.25 N., R.19 E., BROWN COUNTY, ON TOWN ROAD, 0.7 MI (1.1 KM) NORTHEAST OF KUNESH.	12.0	08-12-69 08-28-69	0.0 0.0	0.0	0.0	b	
04072000	SUAMICO RIVER ³	5	NW 1/4 NW 1/4 SEC.22, T.25 N., R.20 E., BROWN COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY B, 0.5 MI (0.8 KM) WEST OF SUAMICO, 7.5 MI (12.1 KM) NORTH OF GREEN RAY, 3.0 MI (4.8 KM) UPSTREAM FROM MOUTH.	57.0	08-26-69	² 2.53	1.3	.74	79	
DUCK CREEK BASIN										
04072015	DUCK CREEK	1	SE 1/4 NE 1/4 SEC.8, T.22 N., R.18 E., OUTAGAMIE COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY C, 8.0 MI (12.9 KM) SOUTHEAST OF BLACK CREEK.	32.0	08-12-69	0.0	0.0	0.0	b	
04072021	DUCK CREEK TRIBUTARY	2	SE 1/4 NE 1/4 SEC.20, T.22 N., R.18 E., OUTAGAMIE COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY C, 4.2 MI (6.8 KM) EAST OF MACKVILLE.	7.81	08-12-69	0.0	0.0	0.0	b	
04072024	DUCK CREEK		SE 1/4 SE 1/4 SEC.16, T.22 N., R.18 E., OUTAGAMIE COUNTY, AT BRIDGE ON VINE RD., 1.4 MI (2.3 KM) SOUTHWEST OF FREEDOM.	45.3	10-17-72 07-14-76	4.53 0.0	0.0	0.0	b	
04072031	DUCK CREEK	3	NW 1/4 NE 1/4 SEC.11, T.22 N., R.18 E., OUTAGAMIE COUNTY, AT BRIDGE ON COUNTRY ROAD, 1.1 MI (1.8 KM) NORTH OF FREEDOM.	47.3	08-12-69	0.0	0.0	0.0	b	
04072041	DUCK CREEK TRIBUTARY	4	SE 1/4 SE 1/4 SEC.19, T.23 N., R.19 E., OUTAGAMIE COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY EE, 4.6 MI (7.4 KM) SOUTHWEST OF ONEIDA.	16.8	08-12-69	0.0	0.0	0.0	b	
04072050	DUCK CREEK ¹	5	SE 1/4 SEC.17, T.23 N., R.19 E., BROWN COUNTY, AT BRIDGE ON COUNTRY ROAD, 2.9 MI (4.7 KM) SOUTHWEST OF ONEIDA.	92.2	07-27-77	² 1.00	.06	.01	139	
04072150	DUCK CREEK	6	SW 1/4 SW 1/4 SEC.19, T.24 N., R.20 E., BROWN COUNTY, AT BRIDGE ON TOWN ROAD, 2.2 MI (3.5 KM) SOUTHWEST OF HOWARD.	105.0	08-11-69 08-27-69 07-07-76	.94 0.0 <.01	0.0	0.0	b	
04072185	TROUT CREEK	7	NE 1/4 SE 1/4 SEC.24, T.24 N., R.19 E., BROWN COUNTY, AT CULVERT ON TOWN ROAD, 2.2 MI (3.5 KM) SOUTHWEST OF HOWARD.	18.4	08-11-69 08-27-69 07-08-76	.43 .24 .70	a	a		

¹LOW-FLOW PARTIAL-RECORD STATION.²MINIMUM MEASURED.³GAGING STATION.

TABLE 3.--BASIN PROJECT SITE LOCATIONS AND LOW-FLOW CHARACTERISTICS

UPPER FOX RIVER BASIN										
STATION NO.	STREAM NAME	PROJECT NO.	LOCATION	DRAIN-AGE AREA (MI ²)	DATE	DIS-CHARGE (FT ³ /S)	LOW-FLOW CHARACTERISTICS Q7.2 Q7.10 (FT ³ /S) (FT ³ /S)		ACCURACY LEVEL SE ₁₀ (PER-CENT)	
MECAN RIVER BASIN										
04073190	MECAN RIVER	3	NE 1/4 NW 1/4 SEC.21, T.18 N., R.9 E., WAUSHARA COUNTY, AT CULVERT ON COUNTY TRUNK HIGHWAY B, AT RICHFORD.	--	08-25-70 08-31-71 09-21-71 07-14-76	14.2 20.3 18.3 20.6	13	7.6	b	
04073245	CHAFFEE CREEK	11	NW 1/4 NW 1/4 SEC.5, T.17 N., R.9 E., MARQUETTE COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY JJ, 3.3 MI (5.3 KM) SOUTHWEST OF RICHFORD.	--	08-25-70 09-01-71 07-14-76	14.3 15.4 16.0	13	9.4	b	
04073300	CHAFFEE CREEK ¹	17	NE 1/4 NE 1/4 SEC.18, T.17 N., R.10 E., MARQUETTE COUNTY, AT BRIDGE ON TOWN ROAD, 6.5 MI (10.5 KM) WEST OF NESHKORO.	45.4	08-25-70	² 25.9	26	18	11	
04073315	MECAN RIVER TRIBUTARY	19	NW 1/4 NW 1/4 SEC.27, T.17 N., R.10 E., MARQUETTE COUNTY, AT BRIDGE ON DUCK CREEK AVENUE, 5.2 MI (8.4 KM) SOUTHWEST OF NESHKORO.	--	08-25-70 09-01-71	0.00 0.00	0.0	0.0	b	
04073330	MECAN RIVER	20	SW 1/4 SE 1/4 SEC.1, T.16 N., R.10 E., MARQUETTE COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY N, 5.3 MI (8.5 KM) SOUTH OF NESHKORO.	--	08-25-70 09-01-71 07-14-76	68.4 92.7 86.2	66	49	b	
WEST BRANCH FOND DU LAC RIVER BASIN										
04082804	WEST BRANCH FOND DU LAC RIVER	1	SW 1/4 SW 1/4 SEC.4, T.15 N., R.15 E., FOND DU LAC COUNTY, ON COUNTY TRUNK HIGHWAY M, 2.6 MI (4.2 KM) WEST OF ROSENDALE.	.75	11-16-71 11-15-73	0.00 0.00	0.0	0.0	b	
04082813	WEST BRANCH FOND DU LAC RIVER	3	NW 1/4 SW 1/4 SEC.36, T.16 N., R.15 E., FOND DU LAC COUNTY, AT CULVERTS ON COUNTY TRUNK HIGHWAY OOO, AT SEWAGE PLANT, 0.9 MI (1.4 KM) NORTHEAST OF ROSENDALE.	5.32	09-13-76	² 0.00	.03	0.0	b	
04082846	WEST BRANCH FOND DU LAC RIVER TRIBUTARY	9	NE 1/4 NW 1/4 SEC.26, T.16 N., R.15 E., FOND DU LAC COUNTY, AT BRIDGE ON STATE HIGHWAY 26, 2.0 MI (3.2 KM) NORTH OF ROSENDALE.	30.6	11-17-71 11-14-73 07-13-76	3.01 2.04 .19	a	a		
04082851	TRIBUTARY TO WEST BRANCH FOND DU LAC RIVER TRIBUTARY	10	SE 1/4 NE 1/4 SEC.23, T.16 N., R.15 E., FOND DU LAC COUNTY, AT CULVERT ON PRIVATE ROAD, 2.8 MI (4.5 KM) NORTH OF ROSENDALE.	.96	11-18-71 11-14-73	.25 0.00	0.0	0.0	b	
04082866	WEST BRANCH FOND DU LAC RIVER TRIBUTARY	13	NE 1/4 SE 1/4 SEC.36, T.16 N., R.15 E., FOND DU LAC COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY OOO, 1.5 MI (2.4 KM) EAST OF ROSENDALE.	8.80	11-16-71 11-13-73 07-13-76 08-24-76	1.18 .34 0.0 0.0	0.0	0.0	b	
04082871	WEST BRANCH FOND DU LAC RIVER	14	SE 1/4 SW 1/4 SEC.29, T.16 N., R.16 E., FOND DU LAC COUNTY, NEAR END OF PRIVATE ROAD, 3.3 MI (5.3 KM) EAST OF ROSENDALE.	56.6	11-16-71 11-14-73 07-13-76 08-24-76	6.06 4.69 .30 0.0	0.0	0.0	b	
04082876	WEST BRANCH FOND DU LAC RIVER TRIBUTARY	15	SW 1/4 SW 1/4 SEC.16, T.16 N., R.16 E., FOND DU LAC COUNTY, AT CULVERT ON COUNTY TRUNK HIGHWAY N, 4.8 MI (7.7 KM) NORTHEAST OF ROSENDALE.	.10	11-17-71 11-14-73	0.00 0.00	0.0	0.0	b	
04082881	TRIBUTARY TO WEST BRANCH FOND DU LAC RIVER TRIBUTARY	16	SE 1/4 SW 1/4 SEC.20, T.16 N., R.16 E., FOND DU LAC COUNTY, ON COUNTRY ROAD, 3.8 MI (6.1 KM) NORTHEAST OF ROSENDALE.	.43	11-17-71 11-15-73	0.00 0.00	0.0	0.0	b	
04082891	WEST BRANCH FOND DU LAC RIVER TRIBUTARY	17	NE 1/4 NW 1/4 SEC.16, T.16 N., R.16 E., FOND DU LAC COUNTY, ON COUNTRY ROAD, 5.3 MI (8.5 KM) NORTHEAST OF ROSENDALE.	2.90	11-17-71 11-15-73	0.00 4.05	0.0	0.0	b	
04082896	WEST BRANCH FOND DU LAC RIVER TRIBUTARY	18	SW 1/4 SE 1/4 SEC.16, T.16 N., R.16 E., FOND DU LAC COUNTY, ON COUNTY TRUNK HIGHWAY N, 5.0 MI (8.0 KM) NORTHEAST OF ROSENDALE.	1.55	11-17-71 11-14-73	0.00 0.00	0.0	0.0	b	
04083000	WEST BRANCH FOND DU LAC RIVER ³	21	NE 1/4 NE 1/4 SEC.20, T.15 N., R.17 E., FOND DU LAC COUNTY, ON COUNTY TRUNK HIGHWAY T, 2.0 MI (3.2 KM) SOUTHWEST OF DOWNTOWN FOND DU LAC.	84.5	(6)	⁴ 0.00	0.0	0.0	b	

TABLE 3.--BASIN PROJECT SITE LOCATIONS AND LOW-FLOW CHARACTERISTICS

UPPER FOX RIVER BASIN										
STATION NO.	STREAM NAME	PROJECT NO.	LOCATION	DRAIN-AGE AREA (MI ²)	DATE	DIS-CHARGE (FT ³ /S)	LOW-FLOW CHARAC-TERISTICS (FT ³ /S)		ACCURACY LEVEL SELO (PER-CENT)	
EAST BRANCH FOND DU LAC RIVER BASIN										
04083035	EAST BRANCH FOND DU LAC RIVER	13	SE 1/4 NE 1/4 SEC.9, T.14 N., R.16 E., FOND DU LAC COUNTY, ON COUNTRY ROAD, 8.5 MI (13.7 KM) SOUTHWEST OF POST OFFICE AT FOND DU LAC.	8.55	11-17-71	0.00	0.0	0.0	b	
04083075	CAMPGROUND CREEK	15	NW 1/4 NE 1/4 SEC.29, T.14 N., R.17 E., FOND DU LAC COUNTY, ON COUNTY TRUNK HIGHWAY F, 8.3 MI (13.4 KM) SOUTH OF POST OFFICE AT FOND DU LAC.	.46	11-16-71	0.00	0.0	0.0	b	
04083095	CAMPGROUND CREEK TRIBUTARY	16	NW 1/4 SW 1/4 SEC.21, T.14 N., R.17 E., FOND DU LAC COUNTY, ON COUNTRY ROAD, 7.9 MI (12.7 KM) SOUTH OF POST OFFICE AT FOND DU LAC.	.25	11-16-71	0.00	0.0	0.0	b	
04083115	CAMPGROUND CREEK TRIBUTARY	17	SW 1/4 NW 1/4 SEC.21, T.14 N., R.17 E., FOND DU LAC COUNTY, ON COUNTRY ROAD, 7.5 MI (12.1 KM) SOUTH OF POST OFFICE AT FOND DU LAC.	.26	11-16-71	0.00	0.0	0.0	b	
04083160	CAMPGROUND CREEK		SE 1/4 SW 1/4 SEC.11, T.14 N., R.16 E., FOND DU LAC COUNTY, JUST UPSTREAM FROM SEWAGE TREATMENT PLANT, AT OAKFIELD.	9.44	09-13-76	² 3.21	2.9	1.8	36	
04083195	SEVENMILE CREEK TRIBUTARY	22	SE 1/4 NW 1/4 SEC.18, T.15 N., R.16 E., FOND DU LAC COUNTY, ON COUNTY TRUNK HIGHWAY C, 9.3 MI (15.0 KM) WEST OF POST OFFICE AT FOND DU LAC.	.61	11-17-71	0.00	0.0	0.0	b	
04083215	SEVENMILE CREEK TRIBUTARY	23	NE 1/4 SW 1/4 SEC.19, T.15 N., R.16 E., FOND DU LAC COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY C, 9.4 MI (15.1 KM) WEST OF POST OFFICE AT FOND DU LAC.	1.29	11-17-71 06-24-76 07-13-76	.66 .32 .14	.09	.02	b	
04083250	SEVENMILE CREEK		NW 1/4 NE 1/4 SEC.34, T.15 N., R.16 E., FOND DU LAC COUNTY, AT BRIDGE ON STATE HIGHWAY 103, AT LAMARTINE.	17.5	07-18-73 08-22-73 09-24-74 06-24-76 07-13-76	⁵ <.01 ⁵ .01 0.0 0.0 0.0	0.0	0.0	b	
04083375	EAST BRANCH FOND DU LAC RIVER TRIBUTARY	33	NW 1/4 SE 1/4 SEC.5, T.14 N., R.17 E., FOND DU LAC COUNTY, ON COUNTY TRUNK HIGHWAY FFF, 4.9 MI (7.9 KM) SOUTH OF POST OFFICE AT FOND DU LAC.	1.03	11-16-71	0.00	0.0	0.0	b	
04083395	EAST BRANCH FOND DU LAC RIVER TRIBUTARY	34	NE 1/4 SE 1/4 SEC.5, T.14 N., R.17 E., FOND DU LAC COUNTY, ON COUNTY TRUNK HIGHWAY FFF, 4.7 MI (7.6 KM) SOUTH OF POST OFFICE AT FOND DU LAC.	1.24	11-16-71	0.00	0.0	0.0	b	
04083475	EAST BRANCH FOND DU LAC RIVER TRIBUTARY	41	SW 1/4 NE 1/4 SEC.34, T. 15 N., R.15 E., FOND DU LAC COUNTY, ON STATE HIGHWAY 135, 3.3 MI (5.3 KM) SOUTH OF POST OFFICE AT FOND DU LAC.	.46	11-15-71	0.00	0.0	0.0	b	
04083485	EAST BRANCH FOND DU LAC RIVER TRIBUTARY	42	NW 1/4 NE 1/4 SEC.34, T.15 N., R.17 E., FOND DU LAC COUNTY, ON STATE HIGHWAY 135, 3.0 MI (4.8 KM) SOUTH OF POST OFFICE AT FOND DU LAC.	.59	11-15-71	0.00	0.0	0.0	b	
04083500	EAST BRANCH ³ FOND DU LAC RIVER	43	NE 1/4 SW 1/4 SEC.22, T.15 N., R.17 E., FOND DU LAC COUNTY, ON COUNTY TRUNK HIGHWAY VV, 1.6 MI (2.6 KM) SOUTH OF POST OFFICE AT FOND DU LAC.	77.9	(?)	⁴ 0.00	1.7	0.35	38	

TABLE 3.--BASIN PROJECT SITE LOCATIONS AND LOW-FLOW CHARACTERISTICS

UPPER FOX RIVER BASIN									
STATION NO.	STREAM NAME	PROJECT NO.	LOCATION	DRAIN-AGE AREA (MI ²)	DATE	DIS-CHARGE (FT ³ /S)	LOW-FLOW CHARAC-TERISTICS Q7.2 Q7.10 (FT ³ /S) (FT ³ /S)		ACCU-RACY LEVEL SE10 (PER-CENT)
DE NEVUE CREEK BASIN									
04083920	DENEVUE CREEK	2	NE 1/4 SW 1/4 SEC.25, T.15 N., R.17 E., FOND DU LAC COUNTY, ON COUNTRY ROAD, 3.0 MI (4.8 KM) SOUTHEAST OF POST OFFICE AT FOND DU LAC.	5.25	11-16-71	0.00	0.0	0.0	b
04083935	DE NEVEU CREEK TRIBUTARY		SE 1/4 NE 1/4 SEC.8, T.14 N., R.18 E., FOND DU LAC COUNTY, JUST UPSTREAM FROM SEWAGE TREATMENT PLANT, 0.3 MI (4.8 KM) NORTH OF EDEN.	2.85	07-18-73 08-21-73 09-25-74 07-13-76	.44 .61 .30 .36	a	a	
04084020	DENEVUE CREEK	7	NE 1/4 NE 1/4 SEC.25, T.15 N., R.17 E., FOND DU LAC COUNTY, ON U.S. HIGHWAY 45, 3.1 MI (5.0 KM) SOUTHEAST OF POST OFFICE AT FOND DU LAC.	16.4	07-13-76	² 1.05	.70	.30	40
NEENAH SLOUGH BASIN									
04084417	FOX RIVER TRIBUTARY	1	NW 1/4 SW 1/4 SEC.28, T.20 N., R.17 E., WINNEBAGO COUNTY, ON STATE HIGHWAY 114, AT NEENAH.	19.1	08-12-69 08-28-69 11-16-71 07-09-76	3.17 3.09 4.19 .88	.47	.14	b

¹LOW-FLOW PARTIAL-RECORD STATION.²MINIMUM MEASURED.³GAGING STATION.⁴MINIMUM RECORDED.⁵ESTIMATE.⁶NO FLOW FOR MANY DAYS IN MOST YEARS.⁷01-17-40 TO 01-29-40, 01-03-49, 10-12-49, 7-12-50.

TABLE 4.--BASIN PROJECT SITE LOCATIONS AND LOW-FLOW CHARACTERISTICS

WOLF RIVER BASIN

WOLF RIVER BASIN										ACCURACY LEVEL SE10 (PER- CENT)
STATION NO.	STREAM NAME	PROJECT NO.	LOCATION	DRAIN- AGE AREA (MI ²)	DATE	DIS- CHARGE (FT ³ /S)	LOW-FLOW CHARAC- TERISTICS Q7.2 Q7.10 (FT ³ /S) (FT ³ /S)			
WOLF RIVER BASIN										
04077700	RED RIVER	3	NE 1/4 SE 1/4 SEC.21, T.27 N., R.15 E., SHAWANO COUNTY, AT BRIDGE ON TOWN ROAD, 1.1 MI (1.8 KM) NORTHEAST OF THORNTON.	197.0	10-19-65 08-12-69 08-28-69 07-07-76	215.0 111.0 112.0 108.0	80	58	b	
04077800	PICKEREL CREEK	4	NE 1/4 NE 1/4 SEC.20, T.27 N., R.17 E., SHAWANO COUNTY, AT BRIDGE ON TOWN ROAD, AT CECIL.	17.4	08-12-69 08-28-69 11-30-72 07-07-76	1.68 .89 2.00 .27	.12	.02	b	
04077820	DUCHESSE CREEK		SW 1/4 NW 1/4 SEC.8, T.27 N., R.17 E., SHAWANO COUNTY, AT CULVERT ON COUNTY TRUNK HIGHWAY M, 1.8 MI (2.9 KM) NORTHWEST OF CECIL.	6.58	08-02-72 07-10-73 08-14-73 07-24-74 07-16-75 07-08-76	1.20 1.46 .99 .10 1.36 2.26	a	a		
04078008	WOLF RIVER TRIBUTARY		SW 1/4 NW 1/4 SEC.13, T.26 N., R.15 E., SHAWANO COUNTY, AT BRIDGE ON COUNTRY ROAD, 1.2 MI (1.9 KM) SOUTHEAST OF SHAWANO CO. HOSPITAL, AND 2.3 MI (3.7 KM) NORTHEAST OF BELLE PLAINE.	6.72	08-01-72 07-11-73 08-15-73 07-24-74 07-14-75 07-07-76	0.0 0.0 0.0 0.0 0.0 0.0	0.0	0.0		
04078010	WOLF RIVER TRIBUTARY	8	NE 1/4 NW 1/4 SEC.6, T.25 N., R.16 E., SHAWANO COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY CC, 4.4 MI (7.1 KM) SOUTHEAST OF BELLE PLAINE.	16.0	08-12-69 08-27-69 07-07-76	2.91 1.72 1.64	1.3	.75	b	
04078057	SHIOCT RIVER	11	NE 1/4 SW 1/4 SEC.2, T.23 N., R.16 E., OUTAGAMIE COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY P, 4.2 MI (6.8 KM) NORTHEAST OF SHIOCTON.	186.0	08-13-69 08-28-69 07-08-76	7.89 1.81 1.08	.64	.16	b	
SHIOCT RIVER BASIN										
04078022	WEST BRANCH SHIOCT RIVER		SW 1/4 SE 1/4 SEC.8, T.26 N., R.17 E., SHAWANO COUNTY, 0.2 MI (0.3 KM) UPSTREAM FROM COUNTRY ROAD, AND 0.3 MI (0.5 KM) SOUTHWEST OF BONDUEL.	4.00	07-24-74	2.31	.05	.01	39	
04078028	WEST BRANCH SHIOCT RIVER	2	SE 1/4 SW 1/4 SEC.30, T.26 N., R.17 E., SHAWANO COUNTY, AT BRIDGE ON TOWN ROAD, 3.7 MI (6.0 KM) SOUTHWEST OF BONDUEL.	16.5	08-13-69 08-28-69 07-07-76	4.95 1.96 2.15	.64	.16	b	
04078036	EAST BRANCH SHIOCT RIVER	3	NW 1/4 NW 1/4 SEC.18, T.25 N., R.17 E., SHAWANO COUNTY, AT CULVERT ON TOWN ROAD, 2.3 MI (3.7 KM) NORTH OF NAVARINO.	15.8	10-20-65 08-13-69 08-29-69	3.81 .47 0.00	0.0	0.0	b	
04078039	MINK CREEK	4	SW 1/4 NW 1/4 SEC.19, T.25 N., R.17 E., SHAWANO COUNTY, AT CULVERT ON TOWN ROAD, 1.1 MI (1.8 KM) NORTH OF NAVARINO.	8.25	08-13-69 08-29-69	.06 0.0	0.0	0.0	b	
04078049	HERMAN CREEK	5	SW 1/4 SW 1/4 SEC.5, T.24 N., R.17 E., OUTAGAMIE COUNTY, AT BRIDGE ON TOWN ROAD, 0.7 MI (1.1 KM) NORTH OF NICHOLS.	24.2	08-13-69 08-29-69	2.35 0.0	0.0	0.0	b	
04078050	SHIOCT RIVER ¹		NE 1/4 SW 1/4 SEC.7, T.24 N., R.17 E., OUTAGAMIE COUNTY, AT BRIDGE ON STATE HIGHWAY 156, 0.8 MI (1.3 KM) WEST OF NICHOLS.	92.0	08-11-70	² .53	.33	.06	75	
04078052	TOAD CREEK	7	SE 1/4 SE 1/4 SEC.19, T.24 N., R.17 E., OUTAGAMIE COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY G, 2.3 MI (3.7 KM) SOUTH OF NICHOLS.	14.6	08-13-69	0.0	0.0	0.0	b	
04078053	BLACK CREEK	8	NE 1/4 NW 1/4 SEC.3, T.24 N., R.18 E., OUTAGAMIE COUNTY, AT BRIDGE ON TOWN ROAD, 5.1 MI (8.2 KM) NORTH OF SEYMOUR.	15.6	08-13-69	0.0	0.0	0.0	b	
04078054	BLACK CREEK	9	SE 1/4 SW 1/4 SEC.29, T.24 N., R.19 E., OUTAGAMIE COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY G, 0.8 MI (1.3 KM) WEST OF SEYMOUR.	24.1	08-29-69	² .09	.07	.04	50	
04078055	BLACK CREEK	27	SE 1/4 NE 1/4 SEC.8, T.23 N., R.17 E., OUTAGAMIE COUNTY, AT STATE HIGHWAY 47, 0.3 MI (0.5 KM) NORTH OF BLACK CREEK.	55.9	08-01-72	² .11	a	a		
04078057	SHIOCT RIVER	11	NE 1/4 SW 1/4 SEC.2, T.23 N., R.16 E., OUTAGAMIE COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY P, 4.2 MI (6.8 KM) NORTHEAST OF SHIOCTON.	186.0	08-13-69 08-28-69 07-08-76	7.89 1.81 1.08	.64	.16	b	

TABLE 4.--BASIN PROJECT SITE LOCATIONS AND LOW-FLOW CHARACTERISTICS

WOLF RIVER BASIN									
STATION NO.	STREAM NAME	PROJECT NO.	LOCATION	DRAIN-AGE AREA (MI ²)	DATE	DIS-CHARGE (FT ³ /S)	LOW-FLOW CHARAC-TERISTICS Q7.2 Q7.10 (FT ³ /S) (FT ³ /S)		ACCU-RACY LEVEL SE10 (PER-CENT)
EMBARRASS RIVER BASIN									
04078300	EMBARRASS RIVER	3	SW 1/4 SW 1/4 SEC.13, T.26 N., R.13 E., SHAWANO COUNTY, AT BRIDGE ON TOWN ROAD, 0.9 MI (1.4 KM) EAST OF CAROLINE.	265.0	07-07-76	² 42.4	46	26	19
04078400	NORTH BRANCH EMBARRASS RIVER ¹	1	NW 1/4 SEC.6, T.27 N., R.13 E., SHAWANO COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY D, 0.8 MI (1.3 KM) SOUTH OF BOWLER.	39.5	08-06-64	² 9.16	9.8	6.0	14
04078415	NORTH BRANCH EMBARRASS RIVER	2	SE 1/4 NW 1/4 SEC.23, T.27 N., R.13 E., SHAWANO COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY G, 1.2 MI (1.9 KM) SOUTHEAST OF TILLEIA.	72.3	08-26-65 10-19-65 08-11-69 08-27-69	15.7 72.1 39.7 28.9	14.3	8.3	b
04078490	MILL CREEK ¹		NW 1/4 SEC.12, T.26 N., R.14 E., SHAWANO COUNTY, AT BRIDGE ON COUNTRY ROAD, 2.8 MI (4.5 KM) EAST OF PELLA.	23.1	07-07-76	² 7.55	4.9	2.5	27
04078600	NORTH BRANCH PIGEON RIVER ¹		SW 1/4 NE 1/4 SEC.5, T.25 N., R.13 E., WAUPACA COUNTY, AT END OF PRIVATE ROAD, 0.1 MI (0.2 KM) NORTH OF COUNTY TRUNK HIGHWAY 55, 2.8 MI (4.5 KM) WEST OF MARION.	10.8	07-07-76	² 2.34	1.6	.78	18
04078605	NORTH BRANCH PIGEON CREEK		SW 1/4 NW 1/4 SEC.1, T.25 N., R.12 E., WAUPACA COUNTY, 0.4 MI (0.6 KM) UPSTREAM FROM BRIDGE ON U.S. HIGHWAY 45 AT MARION SEWAGE TREATMENT PLANT.	20.4	07-12-73 08-15-73 07-24-74 07-15-75 07-07-76	12.0 28.2 7.30 8.20 3.69	3.3	1.7	b
04078651	PIGEON RIVER	8	SE 1/4 SE 1/4 SEC.23, T.25 N., R.14 E., WAUPACA COUNTY, AT FOOTBRIDGE, 0.1 MI (0.2 KM) DOWNSTREAM FROM MAIN STREET BRIDGE AT CLINTONVILLE.	109.0	08-28-69	² 16.4	16	8.1	41
04078950	EMBARRASS RIVER	13	OUTAGAMIE COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY S, AT NORTHEAST EDGE OF NEW LONDON.	676.0	08-12-69 08-28-69 07-09-76	296.0 159.0 109.0	92	50	b
BEAR CREEK BASIN									
04078780	BEAR CREEK	10	NW 1/4 NW 1/4 SEC.24, T.24 N., R.14 E., WAUPACA COUNTY, AT CULVERT ON U.S. HIGHWAY 45, 1.6 MI (2.6 KM) NORTHWEST OF BEAR CREEK.	10.6	08-11-69 08-28-69 07-08-76	.25 .18 .20	a	a	
04078785	BEAR CREEK		SE 1/4 SW 1/4 SEC.20, T.24 N., R.15 E., OUTAGAMIE COUNTY, AT BRIDGE ON STATE HIGHWAY 76, 0.7 MI (1.1 KM) EAST OF BEAR CREEK.	16.3	07-07-76	² .17	< .01	< .01	96
04078800	BEAR CREEK ¹		SE 1/4 SEC.5, T.23 N., R.15 E., OUTAGAMIE COUNTY, AT BRIDGE ON COUNTRY ROAD, 1.9 MI (3.0 KM) NORTHEAST OF SUGARBUSH.	26.3	07-07-76	² .10	.04	.01	22

¹LOW-FLOW PARTIAL-RECORD STATION.²MINIMUM MEASURED.

TABLE 5.--BASIN PROJECT SITE LOCATIONS AND LOW-FLOW CHARACTERISTICS

LOWER FOX RIVER BASIN									
STATION NO.	STREAM NAME	PROJECT NO.	LOCATION	DRAIN-AGE AREA (MI ²)	DATE	DIS-CHARGE (FT ³ /S)	LOW-FLOW CHARAC-TERISTICS Q7.2 Q7.10 (FT ³ /S) (FT ³ /S)		ACCURACY LEVEL SE ₁₀ (PER-CENT)
LOWER FOX RIVER BASIN									
04084911	PLUM CREEK	6	NW 1/4 SW 1/4 SEC.11, T.21 N., R.19 E., BROWN COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY D, 1.6 MI (2.6 KM) SOUTH OF WRIGHTSTOWN.	20.4	08-12-69 08-27-69 07-07-76	.76 .23 .03	.02	<.01	b
04085070	ASHWAUBENON CREEK ¹	10	ON COMMON BOUNDARY OF LAND GRANTS 28 AND 29, T.23 N., R.20 E., BROWN COUNTY, AT CULVERTS ON COUNTY TRUNK HIGHWAY G, 0.5 MI (0.8 KM) WEST OF DE PERE.	25.2	08-11-70	² <.01	<.01	<.01	58
04085076	DUTCHMAN CREEK TRIBUTARY		SW 1/4 NW 1/4 SEC.7, T.23 N., R.20 E., BROWN COUNTY, AT CULVERT ON COUNTY TRUNK HIGHWAY GH, 3.9 MI (6.3 KM) NORTHWEST OF POST OFFICE, AT DE PERE.	3.40	07-26-72 10-12-74 08-02-73 10-30-75 07-14-76	.10 .98 .06 .15 .08	.02	<.01	b
04085080	DUTCHMAN CREEK	12	E 1/2 LAND GRANT 24, T.23 N., R.20 E., BROWN COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY HH, 1.9 MI (3.1 KM) NORTH OF DE PERE.	31.8	08-13-69 08-28-69 07-08-76	.30 .20 .38	.09	.01	b
EAST RIVER BASIN									
04085093	EAST RIVER	1	NE 1/4 SW 1/4 SEC.6, T.21 N., R.20 E., BROWN COUNTY, AT BRIDGE ON TOWN ROAD, 1.5 MI (2.4 KM) WEST OF GREENLEAF.	20.2	08-13-69 08-28-69 08-25-70	.89 .16 0.00	a	a	
04085096	EAST RIVER TRIBUTARY	2	NW 1/4 SW 1/4 SEC.6, T.21 N., R.20 E., BROWN COUNTY, AT BRIDGE ON TOWN ROAD, 1.7 MI (2.7 KM) WEST OF GREENLEAF.	3.30	08-13-69 08-25-70	0.00 0.00	0.0	0.0	b
04085102	EAST RIVER TRIBUTARY	3	NE 1/4 SE 1/4 SEC.6, T.21 N., R.20 E., BROWN COUNTY, AT BRIDGE ON COUNTRY ROAD, 1.0 MI (1.6 KM) NORTHWEST OF GREENLEAF.	11.6	08-13-69 08-28-69 08-25-70	.50 .17 0.00	a	a	
04085104	EAST RIVER	4	NW 1/4 SE 1/4 SEC.31, T.22 N., R.20 E., BROWN COUNTY, AT BRIDGE ON COUNTRY ROAD, 1.7 MI (2.7 KM) NORTHWEST OF GREENLEAF.	37.5	07-14-76	² .02	.06	.01	a
04085108	EAST RIVER	5	NE 1/4 NE 1/4 SEC.20, T.22 N., R.20 E., BROWN COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY ZZ, 4.0 MI (6.4 KM) NORTH OF GREENLEAF.	49.8	08-13-69 08-28-69 08-25-70 10-30-75 07-14-76	1.74 .27 0.00 1.38 0.0	0.0	0.0	b
04085110	EAST RIVER ¹	6	NW 1/4 SE 1/4 SEC.3, T.22 N., R.20 E., BROWN COUNTY, AT BRIDGE ON STATE HIGHWAY 32, 2.5 MI (4.0 KM) SOUTH OF DE PERE.	57.1	08-25-70	² .07	.18	.06	45
04085116	EAST RIVER	7	ON LAND GRANT 33, T.23 N., R.20 E., BROWN COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY G, 1.7 MI (2.7 KM) SOUTHEAST OF DE PERE.	65.1	08-13-69 08-28-69 08-25-70	2.19 .40 .14	.35	.17	b
04085135	HAIRD CREEK	10	NW 1/4 SW 1/4 SEC.33, T.24 N., R.21 E., BROWN COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY CC (DUNZ AVENUE), NEAR EAST CITY LIMITS, AT GREEN BAY.	23.9	08-13-69 08-28-69 08-25-70	.39 .08 .04	.08	.05	b

¹LOW-FLOW PARTIAL-RECORD STATION.
²MINIMUM MEASURED.

TABLE 6.--BASIN PROJECT SITE LOCATIONS AND LOW-FLOW CHARACTERISTICS

TWIN-KEWAUNEE RIVER BASIN AND DOOR COUNTY

TWIN-KEWAUNEE RIVER BASIN AND DOOR COUNTY									
STATION NO.	STREAM NAME	PROJECT NO.	LOCATION	DRAIN-AGE AREA (MI ²)	DATE	DIS-CHARGE (FT ³ /S)	LOW-FLOW CHARACTERISTICS (FT ³ /S) (FT ³ /S)		ACCURACY LEVEL SE ¹⁰ (PER-CENT)
KEWAUNEE RIVER BASIN									
04085192	LAKE MICHIGAN TRIBUTARY		NE 1/4 NE 1/4 SEC.20, T.24 N., R.25 E., KEWAUNEE COUNTY, AT BRIDGE ON COUNTRY ROAD, 1.0 MI (1.6 KM) EAST OF ALASKA.	1.53	07-14-76 09-15-76	² 0.00 ² 0.00	0.0	0.0	b
04085193	KEWAUNEE RIVER TRIBUTARY	1	SW 1/4 SE 1/4 SEC.5, T.24 N., R.23 E., KEWAUNEE COUNTY, ON COUNTRY ROAD, 2.9 MI (4.7 KM) NORTHWEST OF LUXEMBURG.	10.1	10-03-68 08-31-71 10-19-72	.04 0.00 .39	0.0	0.0	b
40851931	KEWAUNEE RIVER TRIBUTARY	1a	NE 1/4 NW 1/4 SEC.4, T.24 N., R.23 E., KEWAUNEE COUNTY, ON COUNTY TRUNK HIGHWAY K, 3.5 MI (5.6 KM) NORTH OF LUXEMBURG.	--	08-31-71 10-19-72	0.00 .61	0.0	0.0	b
40851943	KEWAUNEE RIVER	5	NW 1/4 NW 1/4 SEC.11, T.24 N., R.23 E., KEWAUNEE COUNTY, NEAR BRIDGE ON TOWN ROAD, 2.5 MI (4.0 KM) NORTHEAST OF LUXEMBURG.	--	09-01-71 10-18-72 07-13-76	.37 5.01 .32	.18	.06	b
40851947	SCHOOL CREEK	6	NW 1/4 NW 1/4 SEC.20, T.24 N., R.23 E., KEWAUNEE COUNTY, ON STATE HIGHWAY 54, 2.0 MI (3.2 KM) WEST OF LUXEMBURG.	--	08-31-71 10-20-72	0.00 .52	0.0	0.0	b
04085195	SCHOOL CREEK	7	SW 1/4 NW 1/4 SEC.15, T.24 N., R.23 E., KEWAUNEE COUNTY, ON COUNTY TRUNK HIGHWAY A, 1.2 MI (1.9 KM) NORTH OF LUXEMBURG.	25.7	10-03-68 08-31-71 10-20-72	.14 0.00 1.02	0.0	0.0	b
40851955	LUXEMBURG CREEK		NW 1/4 NE 1/4 SEC.22, T.24 N., R.23 E., KEWAUNEE COUNTY, AT BRIDGE ON COUNTRY ROAD, 0.7 MI (1.1 KM) NORTHEAST OF LUXEMBURG.	2.76	08-31-71 09-15-76	⁵ .01 ² .15	.15	.10	18
40851967	CASCO CREEK		NE 1/4 NW 1/4 SEC.17, T.24 N., R.24 E., KEWAUNEE COUNTY, AT BRIDGE ON COUNTY HIGHWAY C, AT CASCO.	10.7	09-15-76	² .56	.60	.26	37
04085197	CASCO CREEK	9	SE 1/4 SW 1/4 SEC.18, T.24 N., R.24 E., KEWAUNEE COUNTY, ON COUNTRY ROAD, 1.2 MI (1.9 KM) SOUTHWEST OF CASCO.	--	09-01-71 10-15-72 07-13-76	1.11 6.18 1.48	.85	.50	b
04085198	SCARBORO CREEK	11	SW 1/4 SW 1/4 SEC.35, T.24 N., R.23 E., KEWAUNEE COUNTY, ON COUNTRY ROAD, 2.7 MI (4.3 KM) SOUTHEAST OF LUXEMBURG.	16.6	10-03-68 08-31-71 10-18-72	1.21 1.28 2.60	1.0	.76	b
40851983	SCARBORO CREEK	12	NE 1/4 SE 1/4 SEC.25, T.24 N., R.23 E., KEWAUNEE COUNTY, ON COUNTY TRUNK HIGHWAY A, 3.1 MI (5.0 KM) SOUTHEAST OF LUXEMBURG.	--	09-01-71 10-18-72 07-13-76	2.32 4.78 2.28	1.9	1.4	b
40851987	LITTLE SCARBORO CREEK	13	NW 1/4 NE 1/4 SEC.31, T.24 N., R.24 E., KEWAUNEE COUNTY, ON COUNTY TRUNK HIGHWAY A, 4.2 MI (6.8 KM) SOUTHEAST OF LUXEMBURG.	--	09-01-71 10-17-72 07-13-76	1.44 2.55 1.46	1.2	1.0	b
04085199	KEWAUNEE RIVER	14	SW 1/4 SE 1/4 SEC.29, T.24 N., R.24 E., KEWAUNEE COUNTY, ON COUNTY TRUNK HIGHWAY C, 5.1 MI (8.2 KM) EAST OF LUXEMBURG.	--	09-01-71 10-17-72 07-13-76	10.8 32.6 11.8	8.6	6.0	b
04085200	KEWAUNEE RIVER ³	15	SE 1/4 SW 1/4 SEC.14, T.23 N., R.24 E., KEWAUNEE COUNTY, ON LEFT BANK JUST DOWNSTREAM FROM BRIDGE ON COUNTY TRUNK HIGHWAY F, 2.3 MI (3.7 KM) WEST OF KEWAUNEE, ABOUT 7.0 MI (11.3 KM) UPSTREAM FROM MOUTH.	129	11-03-66 11-04-66	⁴ 4.5 ⁴ 4.5	10.0	6.9	13

²MINIMUM MEASURED.³GAGING STATION.⁴MINIMUM RECORDED⁵ESTIMATE.

TABLE 7.--BASIN PROJECT SITE LOCATIONS AND LOW-FLOW CHARACTERISTICS

DES PLAINES AND PIKE RIVER BASIN									
STATION NO.	STREAM NAME	PROJECT NO.	LOCATION	DRAIN-AGE AREA (MI ²)	DATE	DIS-CHARGE (FT ³ /S)	LOW-FLOW CHARACTERISTICS Q7.2 Q7.10 (FT ³ /S) (FT ³ /S)		ACCURACY LEVEL SE10 (PER-CENT)
PIKE RIVER BASIN									
04087243	PIKE RIVER	10	SE 1/4 NW 1/4 SEC.14, T.3 N., R.22 E., RACINE COUNTY, AT CULVERT ON HIGHWAY 20, 4.4 MI (7.1 KM) WEST OF RACINE.	4.42	09-19-74	² .03	<.01	<.01	18
04087244	PIKE RIVER TRIBUTARY	11	SW 1/4 NE 1/4 SEC.21, T.3 N., R.22 E., RACINE COUNTY, AT CULVERT ON FANCHER ROAD (COUNTY TRUNK HIGHWAY H), 0.3 MI (0.5 KM) NORTH OF STURTEVANT.	.65	07-17-73 08-08-73 10-26-73 09-19-74 09-18-75	² 0.00 ² 0.00 ² 0.00 ² 0.00 ² 0.00	0.0	0.0	b
04087245	PIKE RIVER TRIBUTARY	8	SE 1/4 SW 1/4 SEC.27, T.3 N., R.22 E., RACINE COUNTY, ON PRIVATE ROAD, 0.6 MI (1.0 KM) ABOVE MOUTH, 1.3 MI (2.1 KM) SOUTHEAST OF STURTEVANT.	1.10	10-25-73 09-19-74	<.05 0.00	0.0	0.0	b
04087247	PIKE RIVER TRIBUTARY	7	SE 1/4 NE 1/4 SEC.33, T.3 N., R.22 E., RACINE COUNTY, ON COUNTY TRUNK HIGHWAY EA, 1.5 MI (2.4 KM) SOUTH OF STURTEVANT.	1.08	10-25-73 09-19-74	.43 0.00	0.0	0.0	b
04087250	PIKE RIVER ¹	18	NW 1/4 SW 1/4 SEC.27, T.2 N., R.22 E., KENOSHA COUNTY, ON STATE HIGHWAY 43, 3.9 MI (6.3 KM) NORTHWEST OF DOWNTOWN KENOSHA.	7.35	07-11-63 09-18-63	² .01 ² .01	0.0	0.0	b
04087253	PIKE RIVER TRIBUTARY	15	SW 1/4 SE 1/4 SEC.9, T.2 N., R.22 E., KENOSHA COUNTY, AT CULVERT ON CHICAGO & MILWAUKEE R.R., AT NORTH EDGE OF SOMERS.	.83	07-17-73 09-19-75	0.00 0.00	0.0	0.0	b
04087255	PIKE CREEK TRIBUTARY	17	SW 1/4 SE 1/4 SEC.3, T.2 N., R.22 E., KENOSHA COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY A, 1.7 MI (2.7 KM) NORTHEAST OF SOMERS.	2.48	10-25-73 09-19-74	.04 0.00	0.0	0.0	b
04087257	PIKE RIVER ³	5	SE 1/4 NE 1/4 SEC.11, T.2 N., R.22 E., KENOSHA COUNTY, ON RIGHT BANK JUST DOWNSTREAM FROM UNNAMED TRIBUTARY, 1.7 MI (2.7 KM) DOWNSTREAM FROM PIKE CREEK, 6.8 MI (10.9 KM) SOUTHWEST OF RACINE POST OFFICE, AND 9.0 MI (14.5 KM) UPSTREAM FROM MOUTH.	38.7	11-11-71	⁴ .53	0.0	0.0	b
04087260	PIKE RIVER ¹	39	NW 1/4 SW 1/4 SEC.6, T.2 N., R.23 E., KENOSHA COUNTY, ON COUNTY TRUNK HIGHWAY Y, 5.0 MI (8.0 KM) NORTH OF DOWNTOWN KENOSHA.	40.4	09-11-63	² .01	0.15	0.02	b

¹LOW-FLOW PARTIAL-RECORD STATION.²MINIMUM MEASURED.³GAGING STATION.⁴MINIMUM RECORDED.

TABLE 8.--BASIN PROJECT SITE LOCATIONS AND LOW-FLOW CHARACTERISTICS

TREMPEALEAU-BUFFALO RIVER BASIN									
STATION NO.	STREAM NAME	PROJECT NO.	LOCATION	DRAIN-AGE AREA (MI ²)	DATE	DIS-CHARGE (FT ³ /S)	LOW-FLOW CHARAC-TERISTICS		ACCU-RACY LEVEL
							Q7.2	Q7.10	SE10
							(FT ³ /S)	(FT ³ /S)	(PER-CENT)
PIGEON CREEK BASIN									
05379249	PIGEON CREEK		SW 1/4 SE 1/4 SEC.34, T.23 N., R.7 W., TREMPEALEAU COUNTY, 300 FT (150 M) DOWNSTREAM OF DAM IN PIGEON FALLS.	58.4	08-10-72	31.3	20	14	b
					06-27-73	77.1			
					09-12-73	44.1			
					08-20-76	25.2			

TABLE 9.--BASIN PROJECT SITE LOCATIONS AND LOW-FLOW CHARACTERISTICS

BLACK RIVER BASIN									
STATION NO.	STREAM NAME	PROJECT NO.	LOCATION	DRAIN-AGE AREA (MI ²)	DATE	DIS-CHARGE (FT ³ /S)	LOW-FLOW CHARAC-TERISTICS		ACCURACY LEVEL SE10 (PER-CENT)
							Q7.2 (FT ³ /S)	Q7.10 (FT ³ /S)	
BEAVER CREEK BASIN									
05382060	BEAVER CREEK	13	SW 1/4 NW 1/4 SEC.31, T.20 N., R.7 W., TREMPEALEAU COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY C, 0.3 MI (0.5 KM) UPSTREAM FROM CONFLUENCE WITH SOUTH FORK BEAVER CREEK, AT EYTRICK.	51.0	08-10-70	² 17.4	14	9.2	10
05382067	SOUTH FORK BEAVER CREEK	2	SE 1/4 SW 1/4 SEC.5, T.19 N., R.6 W., JACKSON COUNTY, AT BRIDGE ON COUNTY ROAD, 3.7 MI (6.0 KM) NORTH OF NORTH END.	--	08-18-70	0.00	0.0	0.0	b
05382072	GERMAN COULEE	4	NE 1/4 SW 1/4 SEC.5, T.19 N., R.6 W., JACKSON COUNTY, AT BRIDGE ON COUNTY ROAD, 4.1 MI (6.6 KM) NORTH OF NORTH END.	--	08-18-70	0.00	0.0	0.0	b
05382100	SOUTH FORK BEAVER CREEK ¹	10	SE 1/4 NW 1/4 SEC.31, T.20 N., R.7 W., TREMPEALEAU COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY D, 0.3 MI (0.5 KM) UPSTREAM FROM BEAVER CREEK, 0.2 MI (0.3 KM) SOUTH OF EYTRICK.	33.1	08-19-64	² 4.22	6.1	4.4	11

¹LOW-FLOW PARTIAL-RECORD STATION.²MINIMUM MEASURED.

TABLE 10.--BASIN PROJECT SITE LOCATIONS AND LOW-FLOW CHARACTERISTICS

LOWER WISCONSIN RIVER BASIN										
STATION NO.	STREAM NAME	PROJECT NO.	LOCATION	DRAIN-AGE AREA (MI ²)	DATE	DIS-CHARGE (FT ³ /S)	LOW-FLOW CHARAC-TERISTICS Q7,2 Q7,10 (FT ³ /S) (FT ³ /S)		ACCURACY LEVEL SE,0 (PER-CENT)	
PINE RIVER BASIN										
05406710	PINE RIVER	36a	SW 1/4 SW 1/4 SEC.6, T.12 N., R.1 E., RICHLAND COUNTY, AT BRIDGE ON STATE HIGHWAY 80, AT YUBA.	27.2	09-09-74	² 10.5	4.0	2.9	13	
05406716	MELANCTHON CREEK	5c	NE 1/4 NE 1/4 SEC.10, T.12 N., R.1 E., RICHLAND COUNTY, APPROXIMATELY 500 FT (150 M) NORTH OF PRIVATE FARM DRIVE, APPROXIMATELY 100 FT (30 M) EAST OF COUNTY TRUNK HIGHWAY C, 0.3 MI (0.5 KM) UPSTREAM FROM MOUTH OF GRINSELL CREEK.	4.66	06-03-74 09-09-74 05-14-75	3.98 2.97 3.09	2.3	2.0	b	
05406728	WEST BRANCH PINE RIVER	9a	NW 1/4 NW 1/4 SEC.15, T.12 N., R.1 W., RICHLAND COUNTY, ABOUT 500 FT (150 M) BELOW MOUTH OF BASSWOOD CREEK, 2.2 MI (3.5 KM) NORTHWEST OF BLOOM CITY.	10.5	06-04-74 09-09-74 05-15-75	6.89 5.57 5.87	3.2	2.5	b	
05406730	WEST BRANCH PINE RIVER	9b	NE 1/4 NE 1/4 SEC.22, T.12 N., R.1 W., RICHLAND COUNTY, AT BRIDGE ON COUNTRY ROAD, 0.2 MI (0.3 KM) WEST OF COUNTY TRUNK HIGHWAY D, 1.0 MI (1.6 KM) NORTHWEST OF BLOOM CITY.	13.0	06-04-74 09-09-74 05-15-75	9.01 8.16 7.75	4.0	3.2	b	
05406732	WEST BRANCH PINE RIVER	10	NE 1/4 NW 1/4 SEC.26, T.12 N., R.1 W., RICHLAND COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY H, AT BLOOM CITY.	14.6	08-19-70 10-17-72 06-04-74	5.85 8.89 10.8	4.3	3.4	b	
05406735	GAULT HOLLOW CREEK	10a	NE 1/4 SE 1/4 SEC.28, T.12 N., R.1 W., RICHLAND COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY I, ABOUT 0.1 MI (0.2 KM) UPSTREAM FROM HYNEK HOLLOW CREEK TRIBUTARY, 1.4 MI (2.2 KM) SOUTHWEST OF BLOOM CITY.	2.46	06-04-74 09-10-74 05-14-75	2.33 2.48 2.33	a	a		
05406737	HYNEK HOLLOW CREEK	10b	SE 1/4 SE 1/4 SEC.28, T.12 N., R.1 W., RICHLAND COUNTY, AT BRIDGE ON COUNTRY ROAD, 0.2 MI (0.3 KM) SOUTH OF COUNTY TRUNK HIGHWAY I, 0.5 MI (0.8 KM) UPSTREAM FROM CONFLUENCE WITH GAULT HOLLOW CREEK TRIBUTARY, 1.7 MI (2.7 KM) SOUTHWEST OF BLOOM CITY.	2.59	06-04-74 09-10-74 05-14-75	1.57 1.42 1.55	.74	.60	b	
05406740	WEST BRANCH PINE RIVER TRIBUTARY	11b	NW 1/4 SW 1/4 SEC.26, T.12 N., R.1 W., RICHLAND COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY H, 0.5 MI (0.8 KM) SOUTH OF BLOOM CITY.	6.12	10-17-72 06-04-74 09-10-74 05-14-75	4.16 5.29 4.40 4.96	2.4	1.8	b	
05406743	WEST BRANCH PINE RIVER	12	NE 1/4 NE 1/4 SEC.9, T.11 N., R.1 E., RICHLAND COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY D, 0.5 MI (0.8 KM) WEST OF ROCKBRIDGE.	37.6	08-19-70 10-18-72 06-03-74	16.4 20.3 30.7	12	9.4	b	
05406745	PINE RIVER	13	SE 1/4 NW 1/4 SEC.10, T.11 N., R.1 E., RICHLAND COUNTY, AT BRIDGE ON STATE HIGHWAY 80, AT ROCKBRIDGE.	117	08-19-70 10-18-72 06-03-74	48.1 76.2 102	38	29	b	
05406750	PINE RIVER ¹	15	NW 1/4 SEC.27, T.11 N., R.1 E., RICHLAND COUNTY, AT BRIDGE ON STATE HIGHWAY 80, 1.0 MI (1.6 KM) SOUTH OF BUCK CREEK.	128	09-07-67	² 48.8	46	37	13	
05406752	FANCY CREEK	15a	NE 1/4 SW 1/4 SEC.4, T.11 N., R.1 W., RICHLAND COUNTY, AT BRIDGE ON STATE HIGHWAY 56, 3.2 MI (5.1 KM) SOUTHWEST OF BLOOM CITY.	4.14	06-03-74 09-09-74 05-15-75	1.94 1.62 2.01	1.2	1.0	b	
05406754	FANCY CREEK	15b	SW 1/4 NE 1/4 SEC.10, T.11 N., R.1 W., RICHLAND COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY H, 2.2 MI (3.5 KM) NORTHWEST OF GILLINGHAM.	6.67	06-03-74 09-09-74 05-15-75	4.11 3.48 4.66	2.5	2.1	b	
05406757	FANCY CREEK TRIBUTARY	16a	NW 1/4 NE 1/4 SEC.16, T.11 N., R.1 W., RICHLAND COUNTY, AT BRIDGE ON PRIVATE DRIVE, 2.7 MI (4.3 KM) NORTHWEST OF GILLINGHAM.	1.59	06-03-74 09-09-74 05-15-75	.73 .71 .79	.35	.28	b	
05406758	FANCY CREEK TRIBUTARY	16b	SW 1/4 NW 1/4 SEC.15, T.11 N., R.1 W., RICHLAND COUNTY, 100 FT (30 M) NORTHEAST AND ALONG SIDE OF COUNTRY ROAD, 2.2 MI (3.5 KM) WEST OF GILLINGHAM.	2.20	06-03-74 09-09-74 05-15-75	1.64 .79 .95	.41	.30	b	
05406763	TRIBUTARY TO FANCY CREEK TRIBUTARY	16c	SW 1/4 NW 1/4 SEC.22, T.11 N., R.1 W., RICHLAND COUNTY, 200 FT (60 M) BELOW CONFLUENCE OF UNNAMED TRIBUTARIES, 2.1 MI (3.4 KM) SOUTHWEST OF GILLINGHAM.	2.13	06-03-74 09-10-74 05-14-75	1.45 1.17 1.49	.84	.74	b	
05406764	TRIBUTARY TO FANCY CREEK TRIBUTARY	16d	SE 1/4 SE 1/4 SEC.15, T.11 N., R.1 W., RICHLAND COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY Z, 1.3 MI (2.1 KM) WEST OF GILLINGHAM.	2.73	06-03-74 09-10-74 05-14-75	1.83 1.53 1.82	1.2	1.1	b	

TABLE 10.--BASIN PROJECT SITE LOCATIONS AND LOW-FLOW CHARACTERISTICS

LOWER WISCONSIN RIVER BASIN									
STATION NO.	STREAM NAME	PROJECT NO.	LOCATION	DRAIN-AGE AREA (MI ²)	DATE	DIS-CHARGE (FT ³ /S)	LOW-FLOW CHARAC-TERISTICS Q7.2 Q7.10 (FT ³ /S) (FT ³ /S)		ACCURACY LEVEL SE10 (PER-CENT)
PINE RIVER BASIN--CONTINUED									
05406780	FANCY CREEK	19	NE 1/4 SE 1/4 SEC.32, T.11 N., R.1 E., RICHLAND COUNTY, AT BRIDGE ON STATE HIGHWAYS 56 AND 80, 3.5 MI (5.6 KM) NORTH OF RICHLAND CENTER.	28.4	08-19-70 10-17-72 06-03-74	10.7 13.4 20.2	8.8	7.6	b
05406781	HORSE CREEK	19a	NW 1/4 NW 1/4 SEC.1, T.10 N., R.1 W., RICHLAND COUNTY, AT BRIDGE ON COUNTRY ROAD, 0.1 MI (0.2 KM) SOUTH OF COUNTY TRUNK HIGHWAY A, 3.5 MI (5.6 KM) SOUTH OF GILLINGHAM.	3.44	06-03-74 09-10-74 05-14-75	2.50 1.81 2.50	1.1	.93	b
05406782	TRIBUTARY TO HORSE CREEK	19b	SW 1/4 NW 1/4 SEC.1, T.10 N., R.1 W., RICHLAND COUNTY, AT BRIDGE ON COUNTRY ROAD, 0.4 MI (0.6 KM) SOUTH OF COUNTY TRUNK HIGHWAY A, 3.7 MI (6.0 KM) SOUTH OF GILLINGHAM.	1.47	06-03-74 09-10-74 05-14-75	1.02 .50 .86	.22	.15	b
05406783	HORSE CREEK	19c	SE 1/4 NW 1/4 SEC.6, T.10 N., R.1 E., RICHLAND COUNTY, AT BRIDGE ON COUNTRY ROAD, 0.1 MI (0.2 KM) SOUTH OF COUNTY TRUNK HIGHWAY A, 2.9 MI (4.7 KM) NORTHWEST OF RICHLAND CENTER.	7.42	06-03-74 09-10-74 05-14-75	4.58 3.43 4.76	2.2	1.9	b
05406785	BRUSH CREEK	20a	NW 1/4 NW 1/4 SEC.13, T.10 N., R.1 W., RICHLAND COUNTY, AT BRIDGE ON DEADEND TOWNSHIP ROAD, 0.1 MI (0.2 KM) NORTH OF U.S. HIGHWAY 14, 3.1 MI (5.0 KM) WEST OF RICHLAND CENTER.	1.29	06-03-74 09-09-74 05-14-75	.85 .42 .84	.15	.10	b
05406786	BRUSH CREEK TRIBUTARY	20b	NE 1/4 NW 1/4 SEC.13, T.10 N., R.1 W., RICHLAND COUNTY, AT BRIDGE ON U.S. HIGHWAY 14, 2.9 MI (4.7 KM) WEST OF RICHLAND CENTER.	1.32	06-03-74 09-09-74 05-14-75	1.08 .40 1.11	.09	.04	b
05406787	BRUSH CREEK	4b	NE 1/4 NE 1/4 SEC.13, T.10 N., R.1 W., RICHLAND COUNTY, AT BRIDGE ON PRIVATE ROAD, 2.5 MI (4.0 KM) WEST OF RICHLAND CENTER.	3.13	06-03-74 09-09-74 05-14-75	2.55 1.94 2.14	1.5	1.3	b
05406795	PINE RIVER	23	SW 1/4 NW 1/4 SEC.21, T.10 N., R.1 E., RICHLAND COUNTY, AT SEWAGE TREATMENT PLANT, AT RICHLAND CENTER.	190	07-06-72 10-18-72 06-27-73 08-22-73 10-07-75	74.3 110 189 129 87.6	65	55	b
05406820	PINE RIVER ¹	25	SE 1/4 SE 1/4 SEC.27, T.10 N., R.1 E., RICHLAND COUNTY, AT BRIDGE ON COUNTRY TRUNK HIGHWAY 0, 2.5 MI (4.0 KM) SOUTHEAST OF RICHLAND CENTER.	198	07-30-65	² 62.3	74	63	10
05406835	ASH CREEK	26a	NE 1/4 SE 1/4 SEC.36, T.10 N., R.1 W., RICHLAND COUNTY, AT WOODEN BRIDGE ON PRIVATE DRIVE, 0.4 MI (0.6 KM) SOUTH OF COUNTY TRUNK HIGHWAY Y, 3.5 MI (5.6 KM) SOUTHWEST OF RICHLAND CENTER.	3.00	06-03-74 09-10-74 05-14-75	1.25 1.36 1.13	a	a	
05406840	ASH CREEK	26b	NW 1/4 NE 1/4 SEC.6, T.9 N., R.1 E., RICHLAND COUNTY, AT BRIDGE ON U.S. HIGHWAY 80, 3.6 MI (5.8 KM) SOUTHWEST OF RICHLAND CENTER.	4.04	06-03-74 09-10-74 05-14-75	2.15 2.18 1.97	a	a	
05406850	ASH CREEK ¹	28	SE 1/4 NE 1/4 SEC.2, T.9 N., R.1 E., RICHLAND COUNTY, AT BRIDGE ON COUNTRY TRUNK HIGHWAY TR, 4.0 MI (6.4 KM) SOUTHEAST OF RICHLAND CENTER.	18.4	09-07-67	² 3.15	3.0	2.4	9
05406851	PINE RIVER	28a	NW 1/4 NW 1/4 SEC.7, T.9 N., R.2 E., RICHLAND COUNTY, AT BRIDGE ON TOWN ROAD, 0.4 MI (0.6 KM) UPSTREAM FROM CONFLUENCE WITH WILLOW CREEK, 0.2 MI (0.3 KM) NORTHEAST OF TWIN BLUFFS.	224	06-04-74 09-09-74 05-14-75	171 133 183	91	77	b

TABLE 10.--BASIN PROJECT SITE LOCATIONS AND LOW-FLOW CHARACTERISTICS

LOWER WISCONSIN RIVER BASIN									
STATION NO.	STREAM NAME	PROJECT NO.	LOCATION	DRAIN-AGE AREA (MI ²)	DATE	DIS-CHARGE (FT ³ /S)	LOW-FLOW CHARACTERISTICS Q7.2 (FT ³ /S) Q7.10 (FT ³ /S)		ACCURACY LEVEL SE (PER-CENT)
WILLOW CREEK BASIN									
05406853	WILLOW CREEK	1	SW 1/4 SE 1/4 SEC.10, T.11 N., R.2 E., RICHLAND COUNTY, 0.3 MI (0.5 KM) UPSTREAM FROM BRIDGE ON STATE HIGHWAY 58, 1.2 MI (1.9 KM) NORTH OF LOYD.	8.91	05-07-74 08-09-76 10-26-76	4.59 2.42 2.30	1.8	1.4	b
05406855	HAPPY HOLLOW CREEK	2	NE 1/4 NW 1/4 SEC.15, T.11 N., R.2 E., RICHLAND COUNTY, AT MOUTH, 1.0 MI (1.6 KM) NORTH OF LOYD.	5.25	05-07-74 08-09-76 10-26-76	3.89 2.03 1.99	1.6	1.2	b
05406858	SMITH HOLLOW CREEK	3	SW 1/4 SW 1/4 SEC.14, T.11 N., R.2 E., RICHLAND COUNTY, 200 FT (60 M) ABOVE BRIDGE ON PRIVATE ROAD, 1.4 MI (2.2 KM) EAST OF LOYD.	3.72	05-07-74 08-09-76 10-26-76	.86 .33 .36	.24	.15	b
05406860	SMITH HOLLOW CREEK TRIBUTARY	4	NE 1/4 NW 1/4 SEC.24, T.11 N., R.2 E., RICHLAND COUNTY, 0.6 MI (1.0 KM) UPSTREAM FROM SMITH HOLLOW CREEK, 2.0 MI (3.2 KM) EAST OF LOYD.	3.42	05-07-74 08-09-76 10-26-76	.75 .21 .25	.14	.09	b
05406867	WHEAT HOLLOW CREEK	7	NW 1/4 NW 1/4 SEC.34, T.11 N., R.2 E., RICHLAND COUNTY, AT BRIDGE ON COUNTRY ROAD, 0.1 MI (0.2 KM) UPSTREAM FROM MOUTH, 2.1 MI (3.4 KM) SOUTH OF LOYD.	2.97	05-07-74 08-09-76 10-26-76	1.03 .57 .61	.46	.36	b
05406877	LITTLE WILLOW CREEK	12	SW 1/4 NW 1/4 SEC.6, T.10 N., R.2 E., RICHLAND COUNTY, AT BRIDGE ON COUNTRY ROAD, 2.0 MI (3.2 KM) WEST OF NEPTUNE.	6.71	05-07-74 08-09-76 10-26-76	3.42 1.97 1.79	1.4	1.1	b
05406879	LITTLE WILLOW CREEK TRIBUTARY	13	SE 1/4 SW 1/4 SEC.7, T.10 N., R.2 E., RICHLAND COUNTY, AT MOUTH, 1.4 MI (2.2 KM) NORTHWEST OF ITHACA.	2.32	05-07-74 08-09-76 10-26-76	1.12 .64 .54	.37	.25	b
05406884	HELL HOLLOW CREEK	16	NE 1/4 SE 1/4 SEC.30, T.10 N., R.2 E., RICHLAND COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY B, 0.8 MI (1.3 KM) ABOVE MOUTH, 0.2 MI (0.3 KM) SOUTH OF AURFREY.	2.77	05-07-74	0.00	0.0	0.0	b
05406890	WILLOW CREEK ¹	30a	SW 1/4 SEC.6, T.9 N., R.2 E., RICHLAND COUNTY, 100 FT (30 M) UPSTREAM FROM BRIDGE ON U.S. HIGHWAY 14, 6.0 MI (9.7 KM) SOUTHEAST OF RICHLAND CENTER.	82.5	07-30-65	² 26.5	31	27	8
BLUE RIVER BASIN									
05407020	BLUE RIVER TRIBUTARY		NE 1/4 SW 1/4 SEC.24, T.6 N., R.1 W., GRANT COUNTY, AT SEWAGE TREATMENT PLANT, IN MONTFORT.	0.58	07-07-72 06-28-73 08-23-73 10-08-75	.55 1.26 1.12 .64	.36	.26	b
05407021	BLUE RIVER	4	NW 1/4 NW 1/4 SEC.2, T.6 N., R.1 W., GRANT COUNTY, AT BRIDGE ON TOWN ROAD, 4.5 MI (7.2 KM) WEST OF HIGHLAND.	29.8	10-19-72 07-22-76 10-27-76	12.5 14.2 12.7	a	a	
05407027	HIG SPRING BRANCH	9	SE 1/4 NW 1/4 SEC.11, T.7 N., R.1 W., GRANT COUNTY, AT BRIDGE ON PRIVATE ROAD, 6.1 MI (9.8 KM) SOUTH OF MUSCODA.	12.0	10-19-72 07-22-76 10-27-76	4.39 5.13 4.47	a	a	
05407030	BLUF RIVER	10	SE 1/4 NE 1/4 SEC.32, T.8 N., R.1 W., GRANT COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY G, 4.8 MI (7.7 KM) SOUTHEAST OF BLUE RIVER.	79.6	08-19-70 10-17-72 07-22-76 10-27-76	31.3 35.5 40.0 35.9	27	21	b
05407040	FENNIMORE FORK	12	NE 1/4 SW 1/4 SEC.36, T.7 N., R.2 W., GRANT COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY Q, 1.7 MI (2.7 KM) SOUTHWEST OF CASTLE ROCK.	23.3	10-18-72 07-22-76 10-27-76	1.38 .60 .40	.20	.08	b
05407050	FENNIMORE FORK ¹		SOUTH BOUNDARY SEC.31, T.8 N., R.1 W., GRANT COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY M, 5.0 MI (8.0 KM) SOUTH OF BLUE RIVER.	77.2	09-06-67	² 19.3	22	18	b
05407061	SAND BRANCH	19	SE 1/4 NE 1/4 SEC.21, T.8 N., R.1 W., GRANT COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY G, 3.3 MI (5.3 KM) SOUTHWEST OF MUSCODA.	8.42	08-19-70 10-17-72 07-23-76 10-27-76	1.68 2.86 2.80 2.72	1.8	1.3	b
05407062	BLUE RIVER TRIBUTARY	20	SW 1/4 NE 1/4 SEC.15, T.8 N., R.1 W., GRANT COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY G, 2.0 MI (3.2 KM) SOUTHWEST OF MUSCODA.	2.82	10-17-72	0.00	0	0	b
05407063	BLUE RIVER	21	NW 1/4 NW 1/4 SEC.16, T.8 N., R.1 W., GRANT COUNTY, AT BRIDGE ON TOWN ROAD (FOREST ROAD), 3.2 MI (5.1 KM) EAST OF BLUE RIVER.	181.0	07-27-64 07-30-65 10-17-72 07-23-76 10-27-76	56.4 46.7 77.1 74.6 72.0	58	47	b

¹LOW-FLOW PARTIAL-RECORD STATION, MEANIMUM MEASURED.

TABLE 11.--BASIN PROJECT SITE LOCATIONS AND LOW-FLOW CHARACTERISTICS

GRANT-PLATTE RIVER BASIN										
STATION NO.	STREAM NAME	PROJECT NO.	LOCATION	DRAIN-AGE AREA (MI ²)	DATE	DIS-CHARGE (FT ³ /S)	LOW-FLOW CHARACTERISTICS Q7.2 Q7.10 (FT ³ /S) (FT ³ /S)		ACCURACY LEVEL SE10 (PER-CENT)	
PLATTE RIVER BASIN										
05413750	PLATTE RIVER	3	NE 1/4 SE 1/4 SEC.13, T.5 N., R.2 W., GRANT COUNTY, ON COUNTY TRUNK HIGHWAY E, 4.1 MI (6.6 KM) SOUTHEAST OF STITZER.	27.0	09-18-69 08-18-70 09-01-71	11.5 11.4 8.92	a	a		
05413780	CROW BRANCH	5	NW 1/4 NW 1/4 SEC.19, T.5 N., R.1 W., GRANT COUNTY, ON TOWN ROAD, 4.4 MI (7.1 KM) SOUTHEAST OF STITZER.	8.89	09-18-69 08-19-70 09-01-71	2.93 1.94 2.37	1.6	1.1	b	
05413810	LEGGETT CREEK	9	SW 1/4 SW 1/4 SEC.13, T.5 N., R.2 W., GRANT COUNTY, ON COUNTY TRUNK HIGHWAY E, 3.5 MI (5.6 KM) SOUTHEAST OF STITZER.	18.4	09-18-69 08-18-70 09-01-71	4.36 5.34 4.67	a	a		
05413850	PLATTE RIVER TRIBUTARY	10	NW 1/4 SE 1/4 SEC.33, T.5 N., R.2 W., GRANT COUNTY, 0.1 MI (0.2 KM) DOWNSTREAM FROM TOWN ROAD, 5.1 MI (8.2 KM) EAST OF LANCASTER.	13.3	09-18-69 08-18-70 09-01-71	2.61 2.85 3.38	a	a		
05413880	RACON BRANCH	12	NE 1/4 SW 1/4 SEC.2, T.4 N., R.2 W., GRANT COUNTY, AT BRIDGE ON TOWN ROAD, 4.7 MI (7.6 KM) NORTHEAST OF ELLENBORO.	7.56	09-18-69 08-17-70 09-01-71	1.49 .75 .71	.35	.16	b	
05413900	PLATTE RIVER	13	NW 1/4 NW 1/4 SEC.10, T.4 N., R.2 W., GRANT COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY A, 5.5 MI (8.9 KM) EAST OF LANCASTER.	90.8	09-18-69 08-17-70 09-01-71	38.8 32.6 30.0	25	19	b	
05413930	AUSTIN BRANCH	14	NW 1/4 SE 1/4 SEC.17, T.4 N., R.2 W., GRANT COUNTY, AT MOUTH, 2.7 MI (4.3 KM) NORTHWEST OF ELLENBORO.	5.52	06-21-72	² 3.00	1.6	1.0	22	
05413970	MC PHERSON BRANCH	16	SE 1/4 SE 1/4 SEC.29, T.4 N., R.2 W., GRANT COUNTY, AT BRIDGE ON TOWN ROAD, 0.8 MI (1.3 KM) WEST OF ELLENBORO.	5.12	09-18-69 08-18-70 08-31-71	2.62 2.56 2.56	a	a		
05414000	PLATTE RIVER ³		NW 1/4 SW 1/4 SEC.17, T.3 N., R.2 W., GRANT COUNTY, ON RIGHT BANK, JUST DOWNSTREAM FROM COUNTY TRUNK HIGHWAY B, 0.8 MI (1.3 KM) UPSTREAM FROM BLAKELY BRANCH, 2.2 MI (3.5 KM) EAST OF ROCKVILLE, 4.5 MI (7.2 KM) NORTHEAST OF POTOSI, AND 15.0 MI (24.5 KM) UPSTREAM FROM MOUTH.	142	11-24-50	⁴ 0.00	34	22	7	
05414010	BLAKELY BRANCH	19	NW 1/4 NE 1/4 SEC.20, T.3 N., R.2 W., GRANT COUNTY, AT BRIDGE ON TOWN ROAD, 2.6 MI (4.2 KM) EAST OF ROCKVILLE.	2.68	08-19-70 08-31-71	0.00 0.00	0.0	0.0	b	
05414045	LITTLE PLATTE RIVER		SW 1/4 SE 1/4 SEC.24, T.5 N., R.1 W., GRANT COUNTY, AT BRIDGE ON STATE HIGHWAY 80, 1.0 MI (1.6 KM) SOUTH OF LIVINGSTON.	1.29	06-23-72 09-01-72 08-03-73 10-17-75 07-26-76	.26 1.21 1.13 .40 .17	.09	.03	b	
05414150	LITTLE PLATTE RIVER ¹	8	SW 1/4 SE 1/4 SEC.4, T.3 N., R.1 W., GRANT COUNTY, ON STATE HIGHWAY 81, 1.9 MI (3.1 KM) NORTHWEST OF PLATTEVILLE.	54.4	09-07-67	² 6.70	5.6	2.8	21	
05414200	REAR BRANCH ¹	9	NW 1/4 SEC.4, T.3 N., R.1 W., GRANT COUNTY, AT BOX CULVERT ON STATE HIGHWAY 81, 2.3 MI (3.7 KM) NORTHWEST OF PLATTEVILLE.	2.90	09-07-67	² 4.49	.62	.36	14	
05414205	YOUNG BRANCH	10	NW 1/4 SE 1/4 SEC.6, T.3 N., R.1 W., GRANT COUNTY, AT BRIDGE ON TOWN ROAD, 3.3 MI (5.3 KM) NORTHWEST OF PLATTEVILLE.	2.74	09-17-69 08-19-70 09-02-71	.35 .19 .20	.12	.07	b	
05414210	ROUNDTREE BRANCH		SE 1/4 NE 1/4 SEC.17, T.3 N., R.1 W., GRANT COUNTY, AT SEWAGE TREATMENT PLANT IN PLATTEVILLE.	12.5	08-30-72 06-28-73 08-02-73 10-16-75 07-26-76	4.75 12.4 8.94 4.64 6.83	1.7	.90	b	
05414220	LITTLE PLATTE RIVER	15	NE 1/4 SE 1/4 SEC.11, T.2 N., R.2 W., GRANT COUNTY, AT BRIDGE ON TOWN ROAD, 2.5 MI (4.0 KM) NORTHEAST OF DICKEYVILLE.	96.6	09-18-69 08-18-70 08-30-71	40.1 25.9 20.8	16	10	b	
05414250	BLACKHOUSE CREEK ¹		SW 1/4 SEC.11, T.2 N., R.2 W., GRANT COUNTY, AT BRIDGE ON U.S. HIGHWAY 151, 2.5 MI (4.0 KM) NORTH OF DICKEYVILLE.	36.3	09-07-66	² 4.19	6.9	3.9	17	
05414278	INDIAN CREEK		SW 1/4 NE 1/4 SEC.29, T.2 N., R.2 W., GRANT COUNTY, AT BRIDGE ON TOWN ROAD, 2.0 MI (3.4 KM) WEST OF DICKEYVILLE.	3.72	06-22-72 08-30-72	² 0.05 ⁵ <.01	<.01	<.01	b	

¹LOW-FLOW PARTIAL-RECORD STATION.²MINIMUM MEASURED.³GAGING STATION.⁴MINIMUM RECORDED.⁵ESTIMATE.

TABLE 12.--BASIN PROJECT SITE LOCATIONS AND LOW-FLOW CHARACTERISTICS

LOWER ROCK RIVER BASIN									
STATION NO.	STREAM NAME	PROJECT NO.	LOCATION	DRAIN-AGE AREA (MI ²)	DATE	DIS-CHARGE (FT ³ /S)	LOW-FLOW CHARACTERISTICS Q7.2 (FT ³ /S) Q7.10 (FT ³ /S)		ACCURACY LEVEL SE10 (PER-CENT)
WHITEWATER CREEK BASIN									
05426500	WHITEWATER CREEK ³	2	SW 1/4 NW 1/4 SEC.26, T.4 N., R.15 E., WALWORTH COUNTY, AT OUTLET OF RICE LAKE, ON TOWN ROAD, 4.1 MI (6.6 KM) SOUTH OF WHITEWATER.	--	07-18-54 TO 07-28-54	^a 0.00	0.43	0.17	32
05426900	WHITEWATER CREEK	5	NE 1/4 SE 1/4 SEC.15, T.4 N., R.15 E., WALWORTH COUNTY, 2.5 MI (4.0 KM) SOUTHEAST OF POST OFFICE AT WHITEWATER.	20.6	09-24-71 06-27-72 09-17-75	11.6 11.7 15.9	9.0	6.8	b
05427000	WHITEWATER CREEK ³	6	NE 1/4 SW 1/4 SEC.10, T.4 N., R.15 E., WALWORTH COUNTY, ON TOWN ROAD, 1.5 MI (2.4 KM) SOUTHWEST OF WHITEWATER.	22.7	01-17-50	^b 6.60	10	7.6	13
05427002	SPRING BROOK	8	SE 1/4 NE 1/4 SEC.22, T.4 N., R.14 E., ROCK COUNTY, AT BRIDGE AT JUNCTION OF STATE HIGHWAY 59 AND COUNTRY ROAD, 0.5 MI (0.8 KM) NORTHEAST OF LIMA CENTER.	.18	09-25-71 09-18-75	0.00 0.00	0.00	0.00	b
05427009	SPRING BROOK TRIBUTARY	13	NE 1/4 SE 1/4 SEC.18, T.4 N., R.15 E., WALWORTH COUNTY, AT CULVERT ON TOWN ROAD, 2.5 MI (4.0 KM) SOUTHWEST OF WHITEWATER.	2.06	09-24-71 09-19-75	0.00 0.00	0.00	0.00	b
05427010	SPRING BROOK	14	NW 1/4 SE 1/4 SEC.8, T.4 N., R.15 E., WALWORTH COUNTY, ON STATE HIGHWAY 89, 1.2 MI (1.9 KM) SOUTHWEST OF POST OFFICE AT WHITEWATER.	16.2	09-24-71 06-26-72 09-18-75	2.38 4.95 4.96	1.5	.80	b
05427013	WHITEWATER CREEK	15	NW 1/4 NW 1/4 SEC.4, T.4 N., R.15 E., WALWORTH COUNTY, AT BRIDGE ON PRIVATE ROAD, AT COUNTY LINE, 0.6 MI (1.0 KM) NORTH OF POST OFFICE AT WHITEWATER.	42.6	09-25-71	^a 14.3	12	9.2	16
05427014	WHITEWATER CREEK TRIBUTARY	16	NW 1/4 NW 1/4 SEC.34, T.5 N., R.15 E., JEFFERSON COUNTY, ON STATE HIGHWAY 59, 1.7 MI (2.7 KM) NORTHEAST OF POST OFFICE AT WHITEWATER.	3.05	09-25-71 09-17-75 10-17-73	.24 .36 2.14	.09	.04	b
05427015	TRIBUTARY TO WHITEWATER CREEK TRIBUTARY	17	SE 1/4 SW 1/4 SEC.28, T.5 N., R.15 E., JEFFERSON COUNTY, ON COUNTY TRUNK HIGHWAY U, 1.7 MI (2.7 KM) NORTH OF POST OFFICE AT WHITEWATER.	.85	09-25-71 09-17-75	0.00 0.00	0.00	0.00	b
05427017	WHITEWATER CREEK	18	SE 1/4 SE 1/4 SEC.29, T.5 N., R.15 E., JEFFERSON COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY U, 1.7 MI (2.7 KM) NORTH OF POST OFFICE AT WHITEWATER.	55.4	09-14-66 10-17-73 09-16-75	15.4 43.6 24.7	13	9.8	b
05427019	GALLOWAY CREEK	19	NE 1/4 SE 1/4 SEC.35, T.5 N., R.14 E., JEFFERSON COUNTY, AT CULVERT ON TOWN ROAD, 3.5 MI (5.6 KM) WEST OF WHITEWATER.	5.95	09-24-71 09-18-75	0.00 .28	0.00	0.00	b
05427020	GALLOWAY CREEK TRIBUTARY	20	NW 1/4 NW 1/4 SEC.36, T.5 N., R.14 E., JEFFERSON COUNTY, AT BRIDGE ON U.S. HIGHWAY 12 AND STATE HIGHWAY 89, 3.6 MI (5.8 KM) WEST OF WHITEWATER.	.80	09-24-71 09-18-75	0.00 0.00	0.00	0.00	b
05427027	GALLOWAY CREEK TRIBUTARY	24	SE 1/4 SW 1/4 SEC.24, T.5 N., R.14 E., JEFFERSON COUNTY, AT BRIDGE ON TOWN ROAD, 4.0 MI (6.4 KM) NORTHWEST OF WHITEWATER.	.68	09-24-71 09-18-75	0.00 0.00	0.00	0.00	b
05427030	GALLOWAY CREEK TRIBUTARY	27	SE 1/4 NW 1/4 SEC.6, T.4 N., R.15 E., WALWORTH COUNTY, AT BRIDGE ON U.S. HIGHWAY 12 AND STATE HIGHWAY 89, 1.8 MI (2.9 KM) WEST OF POST OFFICE AT WHITEWATER.	--	09-24-71 09-19-75	0.00 .04	0.00	0.00	b
05427035	GALLOWAY CREEK TRIBUTARY	29	SE 1/4 SW 1/4 SEC.19, T.5 N., R.15 E., JEFFERSON COUNTY, AT CULVERT ON COUNTY TRUNK HIGHWAY N, 3.4 MI (5.5 KM) NORTHWEST OF WHITEWATER.	--	09-25-71 09-16-75	.01 0.00	0.00	0.00	b
05427037	WHITEWATER CREEK	30	NE 1/4 SW 1/4 SEC.18, T.5 N., R.15 E., JEFFERSON COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY DN, AT COLD SPRING.	68.6	08-15-67 10-17-73 09-16-75	16.8 54.9 25.2	17	13	b

TABLE 12.--BASIN PROJECT SITE LOCATIONS AND LOW-FLOW CHARACTERISTICS

LOWER ROCK RIVER BASIN									
STATION NO.	STREAM NAME	PROJECT NO.	LOCATION	DRAIN-AGE AREA (MI ²)	DATE	DIS-CHARGE (FT ³ /S)	LOW-FLOW CHARACTERISTICS Q7.2 (FT ³ /S) Q7.10 (FT ³ /S)		ACCURACY LEVEL SE10 (PER-CENT)
BASS CREEK BASIN									
05430520	BASS CREEK TRIBUTARY	3	SW 1/4 SE 1/4 SEC.30, T.3 N., R.11 E., ROCK COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY 8, 1.8 MI (2.9 KM) NORTHWEST OF FOOTVILLE.	2.50	08-14-68 10-21-68	0.00 0.00	0.00	0.00	b
05430525	BASS CREEK	4	NW 1/4 SW 1/4 SEC.4, T.2 N., R.11 E., ROCK COUNTY, AT BRIDGE ON STATE HIGHWAY 11, 0.7 MI (1.1 KM) SOUTH OF FOOTVILLE.	14.0	07-27-76	² 5.42	4.2	3.3	12
05430540	STEVENS CREEK	7	SE 1/4 SW 1/4 SEC.2, T.2 N., R.11 E., ROCK COUNTY, AT BRIDGE ON TOWN ROAD, 2.6 MI (4.2 KM) SOUTHEAST OF FOOTVILLE.	13.9	08-14-68 10-21-68 07-27-76	2.26 2.49 2.24	a	a	
05430560	BASS CREEK TRIBUTARY	9	SW 1/4 SE 1/4 SEC.10, T.2 N., R.11 E., ROCK COUNTY, AT BRIDGE ON TOWN ROAD, 0.6 MI (1.0 KM) WEST OF HANOVER.	14.7	08-14-68 10-21-68 07-27-76	1.85 2.63 1.47	1.2	.82	b
05430580	BASS CREEK	10	NE 1/4 NW 1/4 SEC.14, T.2 N., R.11 E., ROCK COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY H, AT HANOVER.	47.0	08-14-67 08-14-68 10-21-68	11.7 14.7 13.9	a	a	
05430600	BASS CREEK ¹		NE 1/4 SEC.24, T.2 N., R.11 E., ROCK COUNTY, AT BRIDGE ON COUNTRY ROAD, 6.7 MI (10.8 KM) SOUTHWEST OF JANESVILLE.	58.1	08-13-64	² 9.80	11	7.7	17
TURTLE CREEK BASIN									
05431002	TURTLE CREEK	1	SE 1/4 NW 1/4 SEC.14, T.3 N., R.15 E., WALWORTH COUNTY, AT CULVERT ON TOWN ROAD, 0.25 MI (0.4 KM) DOWNSTREAM FROM OUTLET OF TURTLE LAKE, AND 6.4 MI (10.3 KM) NORTH OF DELAVAN.	1.46	08-14-68 10-17-68	.11 0.00	0.00	0.00	b
05431005	TURTLE CREEK	2	NW 1/4 NE 1/4 SEC.35, T.3 N., R.15 E., WALWORTH COUNTY, AT BRIDGE ON ISLAND ROAD, 4.5 MI (7.2 KM) NORTHWEST OF DELAVAN.	14.3	11-01-65 08-14-68 10-17-68	10.8 3.67 3.39	2.5	1.6	b
05431008	TURTLE CREEK TRIBUTARY	3	NW 1/4 SW 1/4 SEC.31, T.3 N., R.16 E., WALWORTH COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY P, 0.4 MI (0.7 KM) UPSTREAM FROM MOUTH, AND 3.0 MI (4.8 KM) NORTH OF DELAVAN.	2.58	08-14-68 10-17-68 06-28-72	0.00 0.00 1.53	0.00	0.00	b
05431011	TURTLE CREEK	4	NE 1/4 NW 1/4 SEC.18, T.2 N., R.16 E., WALWORTH COUNTY, AT BRIDGE ON TOWN ROAD, AT OUTLET OF COMUS LAKE AT DELAVAN.	33.1	08-15-67 08-14-68 10-17-68 10-17-69 06-26-72	6.43 6.46 5.99 6.23 10.4	5.6	3.9	b
05431015	JACKSON CREEK		NW 1/4 SW 1/4 SEC.7, T.2 N., R.17 E., WALWORTH COUNTY, AT BRIDGE ON STATE HIGHWAY 67, 1.7 MI (2.7 KM) SOUTH OF ELKHORN.	9.59	10-17-68	² 6.62	.41	.27	46
05431022	DELAVAN LAKE OUTLET	7	SW 1/4 SE 1/4 SEC.20, T.2 N., R.16 E., WALWORTH COUNTY, AT BRIDGE ON COUNTRY ROAD, 1.4 MI (2.3 KM) SOUTHEAST OF DELAVAN.	40.6	08-15-67 08-14-68 10-17-68 06-27-72 11-29-72	.70 .85 1.67 5.48 2.60	a	a	
05431030	DELAVAN LAKE OUTLET	8	SW 1/4 NW 1/4 SEC.18, T.2 N., R.16 E., WALWORTH COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY P, AT DELAVAN.	47.4	08-15-67 10-21-68 06-26-72	1.27 2.41 5.26	1.4	.66	b
05431032	TURTLE CREEK		NW 1/4 NW 1/4 SEC.18, T.2 N., R.16 E., WALWORTH COUNTY, AT DELAVAN SEWAGE TREATMENT PLANT.	80.7	06-02-72	² 15.3	6.9	4.2	37
05431100	TURTLE CREEK	9	SE 1/4 SE 1/4 SEC.24, T.2 N., R.14 E., ROCK COUNTY, AT BRIDGE ON COUNTRY ROAD, 2.3 MI (3.7 KM) NORTHWEST OF ALLENS GROVE.	113.0	11-01-65 08-15-67 08-14-68 10-17-68	91.7 30.6 27.0 29.8	22	14	b

TABLE 12.--BASIN PROJECT SITE LOCATIONS AND LOW-FLOW CHARACTERISTICS

LOWER ROCK RIVER BASIN										
STATION NO.	STREAM NAME	PROJECT NO.	LOCATION	DRAIN-AGE AREA (MI ²)	DATE	DIS-CHARGE (FT ³ /S)	LOW-FLOW CHARACTERISTICS Q7.2 (FT ³ /S) Q7.10 (FT ³ /S)		ACCURACY LEVEL SE ₁₀ (PER-CENT)	
TURTLE CREEK BASIN--CONTINUED										
05431125	LITTLE TURTLE CREEK		NW 1/4 SE 1/4 SEC.32, T.1 N., R.15 E., WALWORTH COUNTY, AT SEWAGE TREATMENT PLANT, 1.0 MI (1.6 KM) WEST OF SHARON.	1.71	06-02-72 07-25-73 11-06-73 09-22-75	.05 .18 .44 .02	< .01	< .01	b	
05431250	LADD CREEK	12	SW 1/4 SF 1/4 SEC.17, T.1 N., R.15 E., WALWORTH COUNTY, AT BRIDGE ON SALT BOX ROAD, 3.0 MI (4.8 KM) SOUTH OF ALLENS GROVE.	6.33	08-14-68 10-17-68 06-26-72	.75 .63 1.26	.40	.20	b	
05431400	LITTLE TURTLE CREEK		NE 1/4 SEC.1, T.1 N., R.15 E., WALWORTH COUNTY, AT BRIDGE ON COUNTRY ROAD, 0.2 MI (0.3 KM) SOUTH OF ALLENS GROVE.	41.8	07-30-65	² .30	1.6	.54	47	
05431420	LITTLE TURTLE CREEK TRIBUTARY	16	NE 1/4 SF 1/4 SEC.32, T.2 N., R.15 E., WALWORTH COUNTY, AT CULVERT ON STATE HIGHWAY 15, 1.2 MI (1.9 KM) EAST OF ALLENS GROVE.	11.0	08-14-68 10-17-68 06-26-72	1.84 1.69 2.16	a	a		
05431500	TURTLE CREEK ³		SW 1/4 SE 1/4 SEC.29, T.2 N., R.14 E., ROCK COUNTY, AT STATE HIGHWAY 140, 2.5 MI (4.0 KM) NORTH OF CLINTON.	202	12-29-56	⁴ 8.00	38	26	7	
05431550	TURTLE CREEK TRIBUTARY	20	SE 1/4 SW 1/4 SEC.35, T.2 N., R.13 E., ROCK COUNTY, AT BRIDGE ON COUNTRY ROAD, 0.3 MI (0.5 KM) UPSTREAM FROM MOUTH, AND 1.1 MI (1.8 KM) NORTHEAST OF SHOPIERE.	7.28	08-14-68 10-17-68	0.00 0.00	0.00	0.00	b	
05431650	TURTLE CREEK	22	NE 1/4 NW 1/4 SEC.9, T.1 N., R.13 E., ROCK COUNTY, AT BRIDGE ON LATHERS ROAD, 1.3 MI (2.1 KM) WEST OF SHOPIERE.	223	08-15-67 08-14-68 10-17-68	41.0 49.3 43.4	a	a		
05431700	TURTLE CREEK	23	SW 1/4 SW 1/4 SEC.30, T.1 N., R.13 E., ROCK COUNTY, AT BRIDGE ON STATE HIGHWAY 15, AT BELOIT.	233	08-14-67 08-14-68 10-17-68	34.1 49.2 45.0	a	a		

¹LOW-FLOW PARTIAL-RECORD STATION.²MINIMUM MEASURED.³GAGING STATION.⁴MINIMUM RECORDED.⁵RESULT OF BRIDGE CONSTRUCTION.

TABLE 13.--BASIN PROJECT SITE LOCATIONS AND LOW-FLOW CHARACTERISTICS

PECATONICA RIVER BASIN									
STATION NO.	STREAM NAME	PROJECT NO.	LOCATION	DRAINAGE AREA (MI ²)	DATE	DISCHARGE (FT ³ /S)	LOW-FLOW CHARACTERISTICS (FT ³ /S)		ACCURACY LEVEL SE10 (PER-CENT)
							Q7.2	Q7.10	
JONES BRANCH BASIN									
05432080	JONES BRANCH TRIBUTARY	3	SW 1/4 NW 1/4 SEC.26, T.4 N., R.1 E., LAFAYETTE COUNTY, 1.8 MI (2.9 KM) NORTHEAST OF LESLIE.	.99	08-17-70 08-31-71	0.00 0.00	0.00	0.00	b
05432088	JONES BRANCH TRIBUTARY	7	SE 1/4 SE 1/4 SEC.23, T.4 N., R.1 E., LAFAYETTE COUNTY, 0.1 MI (0.2 KM) UPSTREAM FROM MOUTH, 2.7 MI (4.3 KM) NORTHEAST OF LESLIE.	0.44	08-17-70 08-31-71	0.00 0.00	0.00	0.00	b
05432089	JONES BRANCH TRIBUTARY	8	SE 1/4 NE 1/4 SEC.23, T.4 N., R.1 E., LAFAYETTE COUNTY, AT BRIDGE ON TOWN ROAD, 3.1 MI (5.0 KM) NORTHEAST OF LESLIE.	0.16	08-17-70 08-31-71	0.00 0.00	0.00	0.00	b
OTTER CREEK BASIN									
05432504	OTTER CREEK TRIBUTARY	3	SE 1/4 SE 1/4 SEC.10, T.4 N., R.3 E., IOWA COUNTY, AT BRIDGE ON TOWN ROAD, 3.8 MI (6.1 KM) SOUTHEAST OF MINERAL POINT.	1.51	08-17-70 09-01-71	0.00 0.00	0.00	0.00	b
05432505	OTTER CREEK TRIBUTARY	3a	SW 1/4 NE 1/4 SEC.15, T.4 N., R.3 E., IOWA COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY S, 3.9 MI (6.3 KM) WEST OF WALDWICK.	1.79	08-17-70 09-01-71	0.00 0.00	0.00	0.00	b
05432506	OTTER CREEK TRIBUTARY	4	SW 1/4 SE 1/4 SEC.15, T.4 N., R.3 E., IOWA COUNTY, AT BRIDGE ON COUNTRY ROAD, 4.0 MI (6.4 KM) WEST OF WALDWICK.	1.98	08-17-70 09-01-71	0.00 0.00	0.00	0.00	b
05432507	TRIBUTARY TO OTTER CREEK TRIBUTARY	5	NE 1/4 NW 1/4 SEC.22, T.4 N., R.3 E., LAFAYETTE COUNTY, AT BRIDGE ON TOWN ROAD, 4.1 MI (6.6 KM) WEST OF WALDWICK.	1.25	08-17-70 09-01-71	0.00 0.00	0.00	0.00	b
05432508	OTTER CREEK	6	NW 1/4 NW 1/4 SEC.26, T.4 N., R.3 E., LAFAYETTE COUNTY, AT BRIDGE ON TOWN ROAD, 3.9 MI (6.3 KM) SOUTHWEST OF WALDWICK.	8.36	08-18-70 09-01-71 09-13-76	2.19 2.97 1.82	2.3	1.3	b
05432509	OTTER CREEK TRIBUTARY	7	SW 1/4 SE 1/4 SEC.1, T.4 N., R.3 E., IOWA COUNTY, AT BRIDGE ON TOWN ROAD, 2.2 MI (3.5 KM) NORTHWEST OF WALDWICK.	.97	08-17-70 09-01-71	0.00 0.00	0.00	0.00	b
05432511	OTTER CREEK TRIBUTARY	8	SE 1/4 SW 1/4 SEC.23, T.4 N., R.3 E., LAFAYETTE COUNTY, AT BRIDGE ON TOWN ROAD, 3.7 MI (6.0 KM) SOUTHWEST OF WALDWICK.	3.45	08-18-70 09-01-71 09-13-76	.96 1.05 .82	.92	.68	b
05432515	OTTER CREEK TRIBUTARY	11	SE 1/4 SE 1/4 SEC.35, T.4 N., R.3 E., LAFAYETTE COUNTY, AT MOUTH, 3.2 MI (5.1 KM) WEST OF FAYETTE.	1.40	08-18-70 09-01-71 09-13-76	.15 .23 .12	.16	.08	b
05432519	OTTER CREEK TRIBUTARY	15	SW 1/4 NW 1/4 SEC.17, T.3 N., R.4 E., LAFAYETTE COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY F, 1.6 MI (2.6 KM) SOUTHWEST OF FAYETTE.	1.31	08-18-70 08-31-71	0.00 0.00	0.00	0.00	b
05432520	OTTER CREEK TRIBUTARY	16	NE 1/4 SE 1/4 SEC.24, T.3 N., R.3 E., LAFAYETTE COUNTY, AT BRIDGE ON TOWN ROAD, 3.3 MI (5.3 KM) SOUTHWEST OF FAYETTE.	5.25	08-18-70 08-31-71 09-13-76	.18 .31 .06	.14	.02	b
05432522	OTTER CREEK TRIBUTARY	18	NW 1/4 SE 1/4 SEC.31, T.3 N., R.4 E., LAFAYETTE COUNTY, AT BRIDGE ON PRIVATE ROAD, 2.9 MI (4.7 KM) EAST OF DARLINGTON.	8.21	08-18-70 08-31-71 09-13-76	1.17 1.34 .68	1.0	.38	b
05432523	TRIBUTARY TO OTTER CREEK TRIBUTARY	19	NE 1/4 SE 1/4 SEC.31, T.3 N., R.4 E., LAFAYETTE COUNTY, AT BRIDGE ON FARM ROAD, 3.1 MI (5.0 KM) EAST OF DARLINGTON.	1.21	08-18-70 08-31-71	0.00 0.00	0.00	0.00	b

TABLE 13.--BASIN PROJECT SITE LOCATIONS AND LOW-FLOW CHARACTERISTICS

PFCATONICA RIVER BASIN									
STATION NO.	STREAM NAME	PROJECT NO.	LOCATION	DRAIN-AGE AREA (MI ²)	DATE	OTS-CHARGE (FT ³ /S)	LOW-FLOW CHARACTERISTICS Q7.2 Q7.10 (FT ³ /S) (FT ³ /S)		ACCURACY LEVEL SE ₁₀ (PER-CENT)
OTTER CREEK BASIN--CONTINUED									
05432525	OTTER CREEK	20	NE 1/4 SW 1/4 SEC.6, T.2 N., R.4 E., LAYFAYETTE COUNTY, AT BRIDGE ON STATE HIGHWAY 81, 2.7 MI (4.3 KM) EAST OF DARLINGTON.	49.3	09-17-69 08-19-70 08-31-71 09-13-76	19.8 9.45 11.1 6.35	8.0	4.4	b
HONEY CREEK BASIN									
05435030	HONEY CREEK	1	SW 1/4 SE 1/4 SEC.33, T.2 N., R.7 E., GREEN COUNTY, JUST UPSTREAM OF SEWAGE DISPOSAL PLANT, AND 1.7 MI (2.7 KM) WEST OF MONROE.	4.74	09-30-76	² 1.92	1.9	1.5	14
05435040	HONEY CREEK	3	SE 1/4 SE 1/4 SEC.8, T.1 N., R.7 E., GREEN COUNTY, AT BRIDGE ON COUNTRY ROAD, 3.0 MI (4.8 KM) SOUTHWEST OF MONROE.	8.54	07-10-68 10-21-68 09-11-74 11-01-74	6.24 6.71 10.3 8.07	1.9	.86	b
RICHLAND CREEK BASIN									
05435270	RICHLAND CREEK	1	SE 1/4 SW 1/4 SEC.31, T.2 N., R.8 E., GREEN COUNTY, 0.1 MI (0.2 KM) UPSTREAM FROM BRIDGE ON STATE HIGHWAY 11 & 81, JUST UPSTREAM FROM MOUTH OF UNNAMED TRIBUTARY, AND 1.5 MI (2.4 KM) EAST OF MONROE.	2.04	07-30-68 08-28-68 11-01-68	.53 .49 .54	a	a	
05435275	RICHLAND CREEK TRIBUTARY	2	SE 1/4 SW 1/4 SEC.31, T.2 N., R.8 E., GREEN COUNTY, 0.1 MI (0.2 KM) UPSTREAM FROM BRIDGE ON STATE HIGHWAY 11 & 81, JUST UPSTREAM FROM MOUTH OF UNNAMED TRIBUTARY, AND 1.5 MI (2.4 KM) EAST OF MONROE.	1.32	07-30-68 08-28-68 11-01-68	.20 .25 .23	a	a	
05435290	RICHLAND CREEK	3	SE 1/4 SW 1/4 SEC.8, T.1 N., R.8 E., GREEN COUNTY, AT BRIDGE ON TOWN ROAD, 3.5 MI (5.6 KM) SOUTHEAST OF MONROE.	10.9	07-30-68 08-28-68 11-01-68	3.13 3.50 4.30	a	a	
05435295	RICHLAND CREEK TRIBUTARY	4	SE 1/4 SW 1/4 SEC.17, T.1 N., R.8 E., GREEN COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY K, 4.2 MI (6.8 KM) SOUTHEAST OF MONROE.	2.98	07-30-68 08-28-68 11-01-68	.29 .42 .85	a	a	
05435300	TWIN GROVE BRANCH	5	NE 1/4 NW 1/4 SEC.29, T.1 N., R.8 E., GREEN COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY P, 5.1 MI (8.2 KM) SOUTHEAST OF MONROE.	6.43	07-30-68 08-28-68 11-01-68	1.66 1.79 2.57	a	a	
05435340	EAST BRANCH RICHLAND CREEK	10	SE 1/4 SE 1/4 SEC.36, T.1 N., R.7 E., GREEN COUNTY, AT BRIDGE ON COUNTRY ROAD, 5.6 MI (9.0 KM) SOUTH OF MONROE.	4.02	07-30-68 08-28-68 11-01-68	1.04 1.07 1.43	a	a	

²MINIMUM MEASURED.

TABLE 14.--BASIN PROJECT SITE LOCATIONS AND LOW-FLOW CHARACTERISTICS

SUGAR RIVER BASIN									
STATION NO.	STREAM NAME	PROJECT NO.	LOCATION	DRAIN-AGE AREA (MI ²)	DATE	DIS-CHARGE (FT ³ /S)	LOW-FLOW CHARACTERISTICS 07.2 07.10 (FT ³ /S) (FT ³ /S)		ACCURACY LEVEL SE ₁₀ (PER-CENT)
LOWER SUGAR RIVER BASIN									
05436500	SUGAR RIVER ¹	5	SE 1/4 SW 1/4 SEC.26, T.2 N., R.9 E., GREEN COUNTY, AT COUNTRY ROAD, 1.3 MI (2.1 KM) SOUTHWEST OF BRODHEAD.	523	09-19-59	¹ 35.0	130	94	5
05436510	SYLVESTER CREEK	6	SW 1/4 NE 1/4 SEC.20, T.2 N., R.8 E., GREEN COUNTY, AT BRIDGE ON COUNTRY ROAD NEAR INTERSECTION WITH STATE HIGHWAY 59, 4.0 MI (6.4 KM) NORTHEAST OF MONROE.	6.06	08-15-68 08-26-68 10-18-68	2.62 2.15 3.46	.56	.17	b
05436542	JUDA BRANCH		NE 1/4 NW 1/4 SEC.1, T.1 N., R.8 E., GREEN COUNTY, AT BRIDGE ON STATE HIGHWAY 11 & 81, AT JUDA.	8.13	08-27-68	² 1.74	.80	.39	28
05436600	SYLVESTER CREEK	11	SW 1/4 SEC.34, T.2 N., R.9 E., GREEN COUNTY, AT BRIDGE ON COUNTRY ROAD, 3.2 MI (5.1 KM) SOUTHWEST OF BRODHEAD.	44.9	07-29-65	² 8.19	11	7.4	6
05436620	OK CREEK	12	NE 1/4 SW 1/4 SEC.11, T.1 N., R.9 E., GREEN COUNTY, AT BRIDGE ON TOWN ROAD, 3.8 MI (6.1 KM) SOUTH OF BRODHEAD.	8.37	08-15-68 08-27-68 10-18-68	.86 1.23 2.33	a	a	
05436675	SWAN CREEK		SW 1/4 SW 1/4 SEC.13, T.2 N., R.10 E., ROCK COUNTY, AT SEWAGE TREATMENT PLANT AT ORFORDVILLE.	1.00	06-01-72 08-01-72 11-08-73 10-07-75 07-26-76	0.00 0.00 4.01 0.00 0.00	0.00	0.00	b
05436700	TAYLOR CREEK	17	NW 1/4 SEC.31, T.2 N., R.10 E., ROCK COUNTY, AT BRIDGE ON COUNTRY ROAD, 2.6 MI (4.2 KM) SOUTH OF BRODHEAD.	26.5	07-29-65	² 2.97	4.6	3.0	10
RACCOON CREEK BASIN									
05437120	RACCOON CREEK	3	NW 1/4 NE 1/4 SEC.28, T.1 N., R.11 E., ROCK COUNTY, AT BRIDGE ON STATE HIGHWAY 81, 7.5 MI (12.1 KM) SOUTHEAST OF ORFORDVILLE.	12.1	08-27-68 10-18-68 07-27-76	3.60 4.01 3.73	a	a	
05437180	FAST FORK RACCOON CREEK	8	SE 1/4 SW 1/4 SEC.30, T.1 N., R.12 E., ROCK COUNTY, AT BRIDGE ON STATE HIGHWAY 81, 3.3 MI (5.3 KM) WEST OF STATE HIGHWAY 81 AND 213 IN RELOIT.	10.6	08-27-68 10-18-68 07-27-76	2.01 4.35 1.66	1.1	.54	b
05437200	FAST FORK RACCOON CREEK TRIBUTARY ¹	10	ON COMMON BOUNDARY OF SECS. 30 AND 31, T.1 N., R.12 E., ROCK COUNTY, AT CULVERT ON STATE HIGHWAY 81, 2.9 MI (4.7 KM) WEST OF RELOIT.	4.67	10-10-63	² 4.47	.72	.35	16
05437210	FAST FORK RACCOON CREEK	11	16.2 ROCK COUNTY, AT BRIDGE ON COUNTRY ROAD, 4.3 MI (6.9 KM) WEST OF ROCK RIVER IN RELOIT.		08-27-68 10-18-68 09-17-69	4.08 6.78 4.09	1.7	.82	b

¹LOW-FLOW PARTIAL-RECORD STATION.²MINIMUM MEASURED.³GAGING STATION.⁴MINIMUM RECORDED.

TABLE 15.--BASIN PROJECT SITE LOCATIONS AND LOW-FLOW CHARACTERISTICS

FOX RIVER (ILLINOIS) BASIN										
STATION NO.	STREAM NAME	PROJECT NO.	LOCATION	DRAIN-AGE AREA (MI ²)	DATE	DIS-CHARGE (FT ³ /S)	LOW-FLOW CHARAC-TERISTICS Q7,2 Q7,10 (FT ³ /S) (FT ³ /S)		ACCURACY LEVEL SE10 (PER-CENT)	
HONEY-SUGAR CREEK BASIN										
05544838	HONEY CREEK	5	SE 1/4 NE 1/4 SEC.25, T.4 N., R.17 E., WALWORTH COUNTY, AT CULVERT ON TOWN ROAD, 1.1 MI (1.8 KM) WEST OF EAST TROY.	41.0	11-03-65 09-17-74 09-17-75	21.7 24.5 19.7	6.7	4.6	b	
05544860	HONEY CREEK TRIBUTARY	7	NE 1/4 NE 1/4 SEC.15, T.4 N., R.18 E., WALWORTH COUNTY, AT STATE HIGHWAY 24, 3.6 MI (5.8 KM) SOUTH OF MUKWONAGO.	0.92	06-27-72	0.00	0.00	0.00	b	
05544910	HONEY CREEK TRIBUTARY	10	SE 1/4 SW 1/4 SEC.11, T.4 N., R.18 E., WALWORTH COUNTY, ON STATE HIGHWAY 24, 3.4 MI (5.5 KM) SOUTH OF MUKWONAGO.	1.46	06-27-72 09-17-75	.02 0.00	0.00	0.00	b	
05544970	HONEY CREEK	12	SE 1/4 NE 1/4 SEC.1, T.3 N., R.18 E., WALWORTH COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY D, AT HONEY CREEK.	74.2	09-13-66 08-15-67 06-27-72 09-18-75	10.2 12.7 18.9 23.4	9.2	5.8	b	
05544990	HONEY CREEK	13	NE 1/4 SE 1/4 SEC.13, T.3 N., R.17 E., WALWORTH COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY DD, 3.1 MI (5.0 KM) NORTHWEST OF HURLINGTON.	84.7	11-12-63 06-27-72 09-18-75	14.0 25.4 29.6	9.9	6.2	b	
05545040	SUGAR CREEK	14	SE 1/4 SE 1/4 SEC.14, T.3 N., R.16 E., WALWORTH COUNTY, AT BRIDGE ON COUNTRY ROAD, 3.0 MI (4.8 KM) NORTH OF ELKHORN.	27.2	09-13-66 06-26-72 09-16-75	1.95 4.05 4.83	1.7	1.1	b	
05545109	SUGAR CREEK	17	SW 1/4 NE 1/4 SEC.15, T.3 N., R.17 E., WALWORTH COUNTY, AT BRIDGE ON COUNTRY ROAD, 3.9 MI (6.3 KM) NORTHWEST OF SPRING PRAIRIE.	55.5	11-03-65 09-13-66 08-15-67 06-27-72 09-16-75	18.1 4.89 6.24 11.7 11.0	4.8	3.1	b	
05545110	SUGAR CREEK	18	NW 1/4 SW 1/4 SEC.8, T.3 N., R.18 E., WALWORTH COUNTY, AT BRIDGE ON COUNTY TRUNK HIGHWAY G, 3.9 MI (6.3 KM) EAST OF TROY.	61.6	11-03-65 09-13-66 09-16-75	21.6 6.58 14.3	5.8	3.8	b	
05545118	SUGAR CREEK TRIBUTARY	19	NW 1/4 SW 1/4 SEC.15, T.3 N., R.18 E., WALWORTH COUNTY, ON TOWN ROAD, 3.0 MI (4.8 KM) WEST OF HONEY LAKE.	4.93	09-13-66 06-26-72 09-17-75	1.55 2.77 1.96	a	a		
05545120	SUGAR CREEK ¹	20	SW 1/4 SW 1/4 SEC.14, T.3 N., R.18 E., WALWORTH COUNTY, AT BRIDGE ON TOWN ROAD, 1.4 MI (2.3 KM) WEST OF VIENNA.	71.2	07-30-65	² 6.22	9.8	6.5	17	

¹LOW-FLOW PARTIAL-RECORD STATION.²MINIMUM MEASURED.

Table 16.--Standard error of estimate for the 10-year low flow ($Q_{7,10}$)
for major Wisconsin basins at low-flow partial-record stations
(Gebert and Holmstrom, 1974, p. 98)

Basin	SE _{7,10} in percent
Bad Axe River	10
Baraboo River	11
Black River	38
Lower Chippewa River	25
Upper Chippewa River	40
Duck-Pensaukee Rivers	52
Fox River (Illinois)	38
Lower Fox River	44
Upper Fox River	20
Grant, Platte, and Galena Rivers	21
La Crosse River	5
Lemonweir River	15
Manitowoc River	48
Menominee River	28
Milwaukee River	40
Oconto River	17
Pecatonica River	16
Peshtigo River	17
Lower Rock River	36
Upper Rock River	71
Root River	144
Sheboygan River	48
St. Croix River	28
Sugar River	12
Lake Superior	35
Trempealeau-Buffalo Rivers	13
Twin-Kewaunee Rivers and Door County	Insufficient data
Lower Wisconsin River	11
Upper Wisconsin River	33
Wolf River	23
Average (weighted)	29

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