

Flood-Frequency Characteristics of Wisconsin Streams



Prepared in cooperation with the
WISCONSIN DEPARTMENT OF TRANSPORTATION

FLOOD-FREQUENCY CHARACTERISTICS OF WISCONSIN STREAMS

By William R. Krug, Duane H. Conger, and Warren A. Gebert

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CONVERSION FACTORS AND VERTICAL DATUM

<i>Multiply</i>	<i>By</i>	<i>To obtain</i>
inch (in.)	25.4	millimeter
foot (ft)	0.3048	meter
mile (mi)	1.609	kilometer
square mile (mi ²)	2.590	square kilometer
foot per mile (ft/mi)	0.1894	meter per kilometer
cubic foot per second (ft ³ /s)	2.832 x 10 ⁻²	cubic meter per second

Sea level: In this report, "sea level" refers to the National Geodetic Vertical Datum of 1929--a geodetic datum derived from a general adjustment of the first-order level nets of the United States and Canada, formerly called Sea Level Datum of 1929.

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ABSTRACT

Flood-frequency characteristics for 269 gaged sites on Wisconsin streams are presented for recurrence intervals of 2 to 100 years. Annual flood peaks for the period of record for each gaged site are included.

Equations of the relations between flood-frequency and drainage-basin characteristics were developed by multiple-regression analyses. Flood-frequency characteristics for ungaged sites on unregulated, rural streams can be estimated by use of these equations. The State was divided into five areas of similar physiographic characteristics.

The most significant basin characteristics are drainage areas, main-channel slope, soil permeability, storage, rainfall intensity, and forest cover. The standard error of prediction for the equation for the 100-year flood discharge ranges from 25 to 33 percent in the State.

A comparison of multiple-regression analyses by use of generalized least squares and ordinary least squares was made to determine the best method for analysis. A split-sampling technique was used for all the stations in the State. Differences in results of the two methods were minimal. The generalized least-squares method was chosen for use because its theoretical basis is superior to that of ordinary least squares and its estimates of accuracy of the equations for estimating flood-frequency characteristics at ungaged sites is better than that of ordinary least squares.

A method for estimating flood-frequency characteristics of regulated streams was developed from the relation of discharge and drainage area. Graphs for the major regulated streams are presented in the report.

Drainage-basin characteristics derived from satellite imagery and channel morphology data were tried in the regression equations but did not improve their accuracy.

INTRODUCTION

Flood-frequency information is needed for the design of bridges, culverts, highways, flood-protection structures, and for effective flood-plain management. This report includes a description of flood-frequency characteristics of Wisconsin streams where the streamflow data have been collected, equations for estimating flood-frequency characteristics at ungaged sites, and a discussion of the development of the equations. The report also includes annual peak data at 104 crest-gage stations, at 38 discontinued crest-gage stations, and at 184 streamflow-gaging stations.

The study was done in cooperation with the Wisconsin Department of Transportation. The report is the fourth within a long-term study of flood-frequency characteristics of Wisconsin streams. Previous reports on this subject were done by Ericson (1961), Conger (1971), and Conger (1981). Other reports that include methods for estimating flood-frequency characteristics of Wisconsin streams were done by Wiitala (1965) and Patterson and Gamble (1968). Additional data and improved analytical methods used in this report increase the confidence in estimating techniques over those published in previous reports.

Flood-peak data were collected at the crest-gage stations at virtually the same sites as previous studies to gain a long-term record of flood-peak data. These stations were selected to provide uniform distribution throughout the State.

Because operation of streamflow-gaging stations is not part of the flood-frequency project, location and length of record are controlled by other needs. Therefore, distribution and length of record is not as uniform as at crest-gage sites. Data in this report were collected at 184 continuous streamflow-gaging stations whereas data in Conger (1981) were collected at 78 continuous streamflow-gaging stations.

Two areas of the State that were of special concern to the cooperator were studied in more detail for this report. One of these areas is the Driftless Area of southwestern Wisconsin. In the 1971 and the 1981 reports, errors associated with methods to estimate flood-frequency characteristics at ungaged stations were significantly greater for this area than for other areas in the State. This greater error was probably caused by changing land-use characteristics since the 1930's and (or) by lack of an accurate definition of land-use characteristics. Therefore, several studies were undertaken to improve the understanding and to define the flood-frequency relations in the Driftless Area. A separate study is in progress to apply a rainfall-runoff model to two sets of data on Coon Creek (1934 to 1940 and 1978 to 1981) and to determine the difference in flood-frequency values due to changes in land use.

Landsat imagery was obtained and was classified by the Environmental Remote Sensing Center of the University of Wisconsin-Madison to improve the definition of land-use characteristics in the Driftless Area. The data were merged with basin-characteristic data obtained from maps and were used in regression analysis to relate flood peaks with watershed and climatic characteristics.

Another method that was attempted was to relate flood peaks with channel morphology. Both field and map characteristics were determined for several streams in the Driftless Area. This information was used with flood peaks in a regression analysis.

Acknowledgments

Technical help was received from the University of Wisconsin-Madison, Environmental Remote Sensing Center. Dr. Thomas M. Lillesand and graduate assistants Martin P. Buchheim and Witold Fraczek conducted the land-cover classification analysis of Landsat imagery used in the study.

FLOOD-PEAK-DATA COLLECTION

Flood-peak data were collected at crest-gage stations and at streamflow-gaging stations. Only the peak stage of a flood is recorded at a crest-stage station. The recorded maximum stage

for each year is converted to discharge by a stage-discharge relation for each gage. At streamflow-gaging stations, a continuous record of stream stage is recorded. The maximum stage for the year is selected and is converted to discharge by a stage-discharge relation. The 104 crest-gage stations are operated as part of the flood-frequency project. Most of the crest gages have been operated since the late 1950's or early 1960's. Several stations were started around 1970 in northeastern Wisconsin when the first analysis of the data showed the need for more data in this area. Data through the 1988 water year were used for the analysis. Therefore, at least 28 years of flood-peak data were used for most stations except for some stations in the northeastern part of the State for which about 18 years of flood-peak data were used.

Flood-peak data are available for 104 crest-gage stations and for 95 streamflow-gaging stations now being operated and from 38 crest-gage stations and 89 streamflow-gaging stations that have been discontinued. Stations with at least 10 years of record and on rural streams were selected for inclusion in the study. On the basis of these criteria, 269 streams were selected for inclusion in the report.

Locations of the crest-gage stations and the streamflow-gaging stations are shown on plate 1. Annual peak stages and discharges for all crest-gage stations and streamflow-gaging stations used in the study are listed in table 6 at the back of this report. Table 6 includes peak stages and discharge from 40 stations for which flood frequencies were not computed because fewer than 10 years of record was available.

FLOOD-FREQUENCY ANALYSIS

Flood-frequency analyses can be used to define the relation of flood-peak magnitude to probability of exceedance or recurrence interval. Probability of exceedance is the percentage chance that a given flood magnitude will be exceeded in any year. Recurrence interval is the reciprocal of percent probability of exceedance times 100 and is the average number of years between exceedances. For example, a flood having a probability of exceedance of 1 percent has a recurrence interval of 100 years. Recurrence intervals imply no regularity of exceedance; a 100-year flood might be exceeded

in consecutive years or it might not be exceeded in a 100-year period.

Flood-frequency analyses were done at all rural gaging stations whose period of record exceeded 10 years to determine flood-frequency characteristics. Guidelines in Interagency Advisory Committee on Water Data (1982) were used to fit logarithms of annual peak discharges to the Pearson Type III distribution. For stations on unregulated streams, the generalized skew from the map in the Bulletin 17B were weighted with the station skew to give a weighted skew. Estimates of discharges at several recurrence intervals in the range from 2 to 100 years for each station are given in table 4 at the back of this report.

Sites on the main stem of the Wisconsin River received special treatment. Krug and House (1980) used a computer model that included the effects of today's system of reservoirs and their operation to simulate the flood peaks on the Wisconsin River. The result was a set of simulated flood peaks for the Wisconsin River for the water years from 1915 through 1976. The flood frequencies given for the Wisconsin River (table 4) include those peaks simulated for water years 1915 through 1976 (Krug and House, 1980, Appendix B) and the observed peaks for water years 1977 through 1988. These flood frequencies should be the best estimates for the true flood potential of today's system of reservoirs and their operation.

REGRESSION ANALYSIS AND FLOOD-FREQUENCY EQUATIONS

Multiple-regression analysis was used to estimate the relation between flood discharges for given frequencies (table 4) and drainage-basin characteristics (table 5) for 200 selected sites in Wisconsin. This technique is a means of transferring flood-peak characteristics from sites where observed data are available to ungaged locations. The relation is presented by flood-frequency equations.

The regression equations are used to relate the most significant drainage-basin characteristics (independent variables) to flood-peak characteristics (dependent variables) (Q_2 , Q_5 ... Q_{100}). The multiple-regression model can be expressed in the following form:

$$Q_T = a A^b B^c C^d \dots M^n,$$

where Q_T is flood magnitude, in cubic feet per second, having a T-year recurrence interval;

a is regression constant defined by regression analysis;

$A, B, C, \dots M$ are basin characteristics; and

$b, c, d, \dots n$ are regression coefficients defined by regression analysis.

This form of the multiple-regression model is achieved by linear regression of the logarithms of the variables.

The principal method of regression analysis used in the study is called generalized least squares (GLS) by Tasker and others (1986) and Stedinger and Tasker (1985). This method was used because of its theoretical advantages over the more customary method ordinary least squares (OLS) and the variation of ordinary least squares, weighted least squares (WLS). All three methods were tested during the study.

In the OLS method, all the estimates of T-year floods are implicitly assumed to have equal variance; that is, the T-year flood estimate at each gaging station is assumed to be as accurate as the T-year flood estimates at all other gaging stations used in the regression regardless of record length and at-site variability. Furthermore, in the OLS method, the concurrent flood peaks at different sites are assumed to be uncorrelated or independently distributed. In general, these two conditions are not met by flood-peak records. The accuracy of the T-year flood estimates varies with the length of record and at-site variability. Many concurrent annual floods in an area are cross correlated because all the gaging stations in the area are subject to similar hydrologic events.

Use of the WLS method, in which the various records are weighted in proportion to the at-site time-sampling error, is an attempt to solve the problem of variable accuracy in the T-year flood estimates. The attempt is helpful with some of the problems of the OLS method but is not a solution of the problem of cross correlation.

In the GLS method, the variable accuracy of the T-year flood estimates and the cross correlation between stations are considered. With this method, data are provided for analyzing the network of gaging stations and crest gages. This network analysis capability may prove to be useful in future studies. For these reasons, the GLS method was selected for the regression analysis.

In trial regression analyses with the three methods, differences in the regression equations that resulted were slight.

Drainage-Basin Characteristics

The most significant characteristics considered in the multiple-regression analyses were drainage area, slope, storage, forest cover, mean annual snowfall, precipitation intensity, and soil permeability. The characteristics used in the regression equations are listed in table 5 for each station. They are defined as follows:

1. Drainage area (*A*), in square miles, is the area contributing directly to surface runoff. This area can be planimeted from topographic maps or can be taken directly from the Wisconsin drainage-area report (Henrich and Daniel, 1983) for some sites. If the drainage area is taken from the drainage-area report, any area not contributing directly to surface runoff should be subtracted from the total drainage area.
2. Main-channel slope (*S*), in feet per mile, is the slope of the stream between points that are 10 percent and 85 percent of the distance along the channel from the gaging station to the basin divide, determined from topographic maps.
3. Storage (*ST*), expressed as a percentage of the drainage area, includes lakes, ponds, and wetlands determined from Geological Survey maps and Soil Conservation Service data. A constant of 1 percent is added to storage to obtain *ST* to be used in the regression equations to avoid zero values.
4. Forest cover (*FOR*) is expressed as a percentage of the drainage area shown on

Geological Survey maps, determined by the grid method, or is data from the Soil Conservation Service. A constant of 1 percent is added to forest cover to obtain *FOR* to be used in the regression equations to avoid zero values.

5. Mean annual snowfall (*SN*) for 1951 through 1980, in inches, is determined from a map of seasonal snowfall in Wisconsin Agricultural Statistics Service (1989, p. 2) and adapted as figure 1 of this report. *SN* is interpolated from the contours for the centroid of the basin.
6. Precipitation intensity index (*INTENS*) is computed by subtracting 2.3 from the 2-year, 24-hour rainfall, (*I*_{24,2}), expressed in inches, as determined from U.S. Weather Bureau Technical Paper 40 (Hershfield, 1961) (fig. 2). This maximum 24-hour rainfall has a recurrence interval of 2 years.
7. Soil permeability (*SP*), in inches per hour, is based on the least-permeable soil horizon in the soil column. The median rate is used for each range of soil permeability. Ranges of soil permeability were obtained from a soils table published by the U.S. Department of Agriculture, Soil Conservation Service (1964). The weighted-average soil permeability (*SP*) can be obtained from plate 2. A grid is printed on the back of plate 2 to facilitate estimating the percent of the basin in each soil-permeability range.

Flood-Frequency Areas in Wisconsin

The State was divided into five areas by Conger (1981). Several boundaries between areas were adjusted in north-central Wisconsin on the basis of physical characteristics and residuals from the regression equations when applied to particular sites (fig. 3 and pl. 1).

The five-area arrangement of the State is useful in reducing the errors in the regression equations. Different basin characteristics are significant in estimating the flood frequency in the various areas. For example, forest cover is not

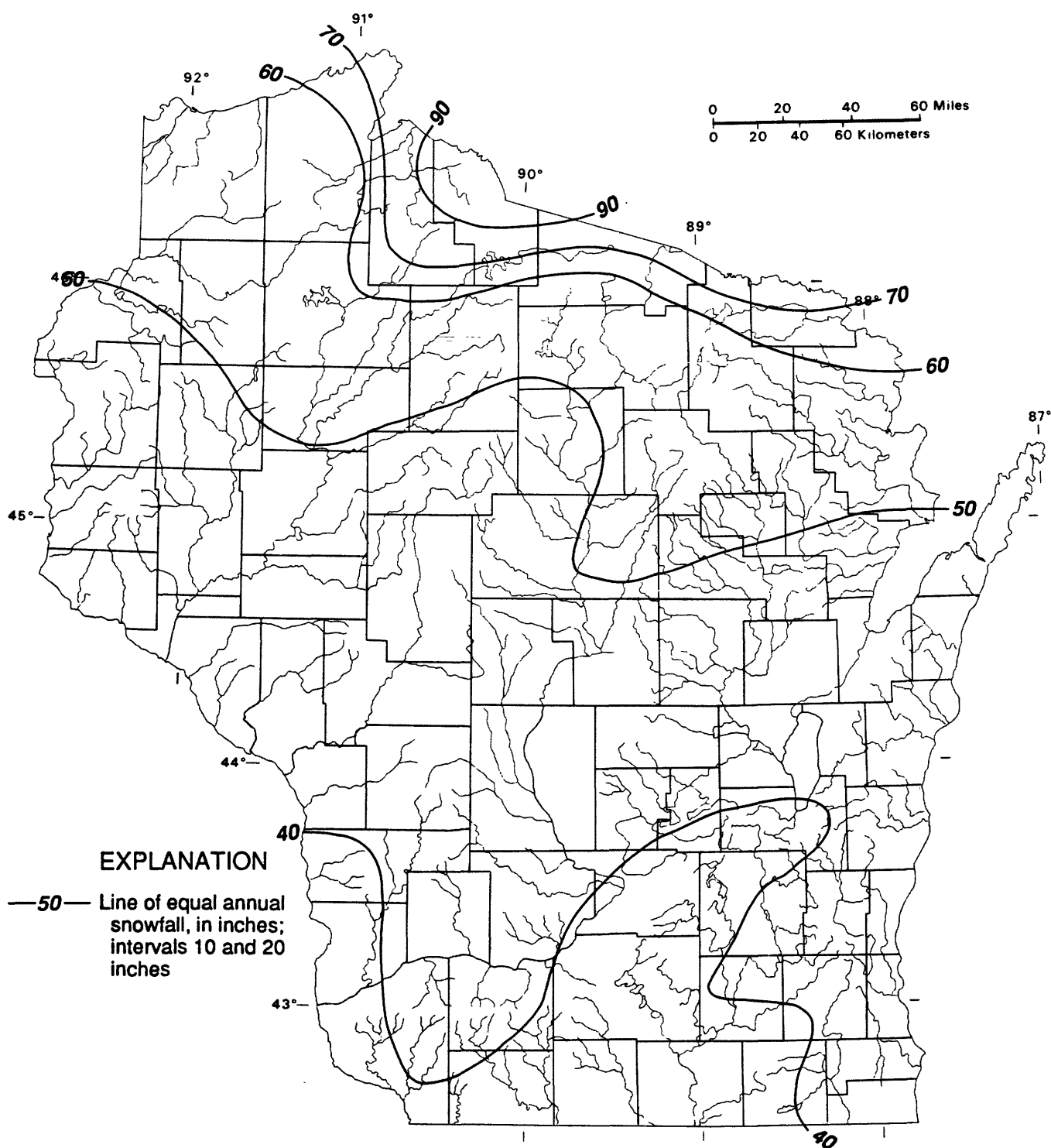


Figure 1. Mean annual snowfall, water years 1951-80, in Wisconsin. (Snowfall data from Wisconsin Agriculture Statistics Service, 1989.)

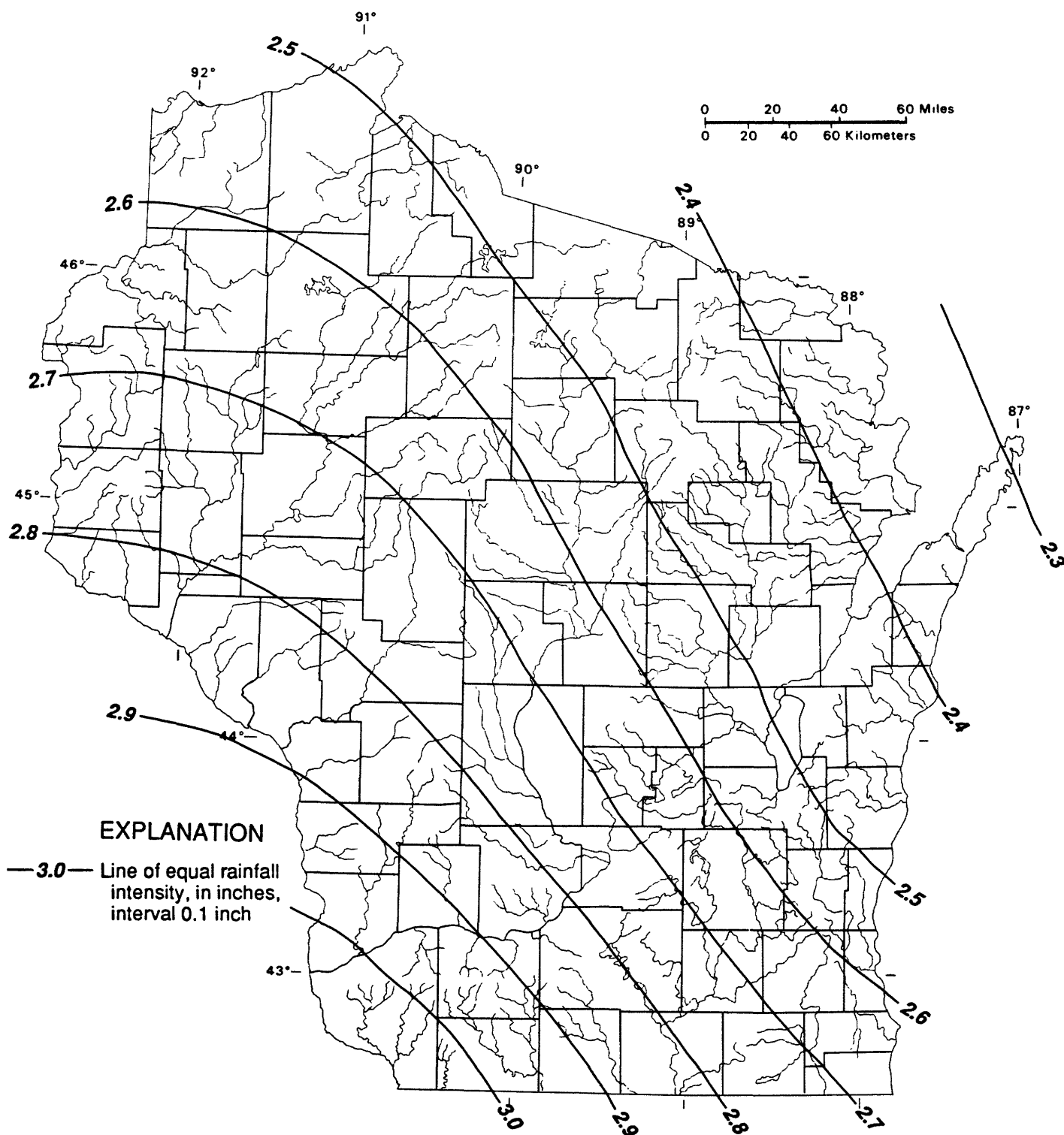


Figure 2. Two-year, 24-hour rainfall in Wisconsin. (Rainfall intensity data adapted from D.M. Hershfield, 1961.)

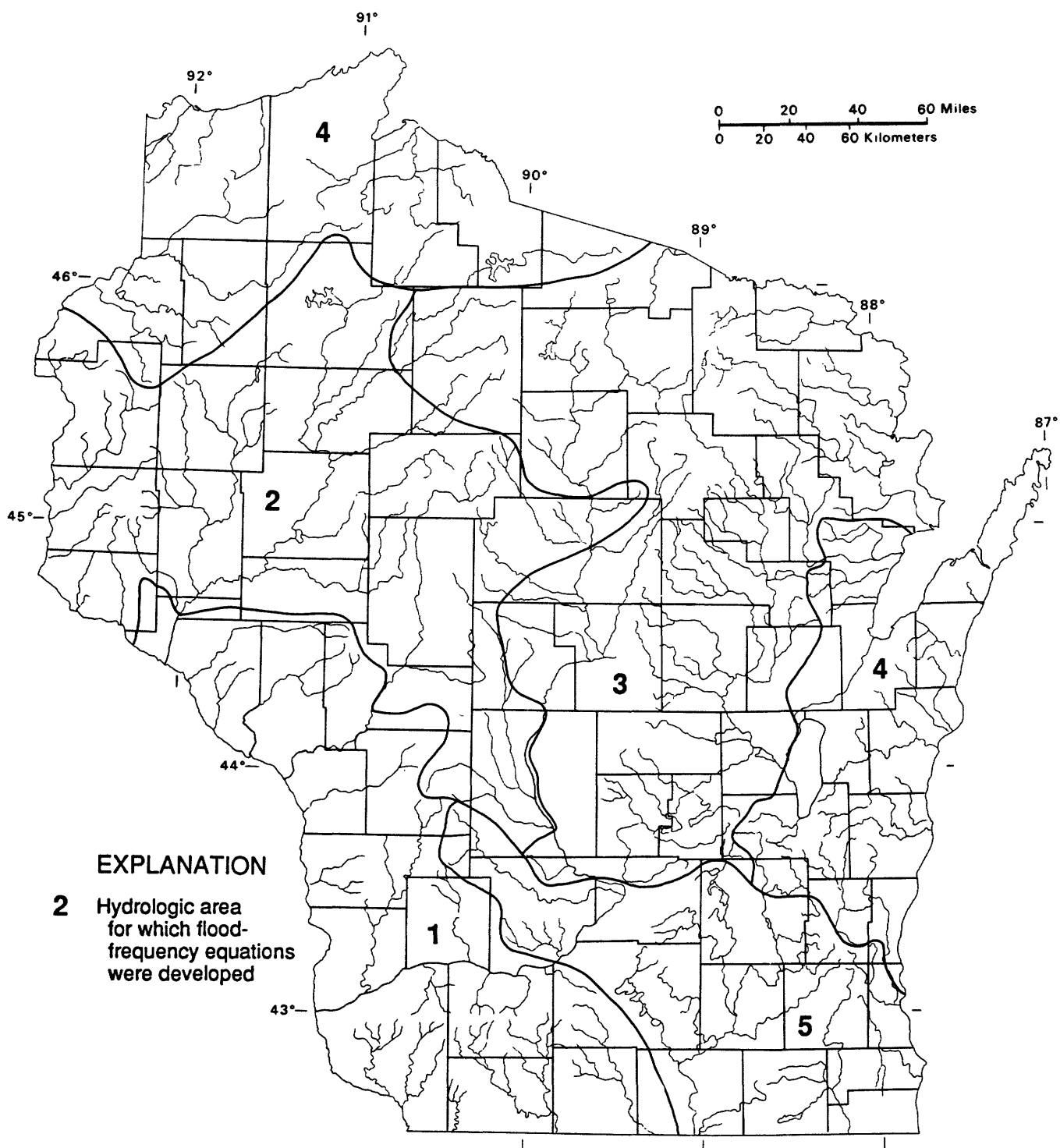


Figure 3. Flood-frequency areas in Wisconsin.

a significant variable in flood-frequency equations for the southern and the west-central parts of the State, but it is significant in the northern part of the State.

Flood-Frequency Equations and Accuracy Evaluation

The flood-frequency equations developed for streams in Wisconsin, along with the standard error of estimate and standard error of prediction, are presented in table 1.

Two measures of the accuracy of the regression equations are shown in table 1--the standard error of estimate (approximated by the model error) and the standard error of prediction. The standard error of estimate is a measure of the error in the use of regression equations to predict T-year floods at sites used in the regression analysis. The standard error of prediction is a measure of the error in the use of the regression equations to predict T-year floods at the sites NOT used in the regression analysis. The standard errors are expressed as percent. The true value of the T-year flood will be within plus or minus one standard error of the regression estimate at about two-thirds of the sites. The true value will differ from the regression estimate by more than the standard error at about one-third of the sites. The standard error of prediction is a better estimate of the probable error associated with use of the regression equations to predict T-year floods at ungaged sites.

The standard error of estimate is shown for comparison with similar data published in previous reports (Conger, 1971 and 1981); however, it is computed differently in this study and the comparison is not exact. The standard error of prediction for the regression equations for the 100-year flood in the 1971 report ranged from 37 to 41 percent. The comparable range of standard error of prediction was 35 to 40 percent in the 1981 report. The range of standard error of prediction for the 100-year flood in table 1 is 25 to 33 percent.

The regression equations are valid only for streams without significant regulation. A dam on the stream or river does not constitute regulation, unless the dam is used to change the amount of water flowing past it during a flood.

The regression equations and the associated accuracy can be considered valid only within the area for which they were developed and within the range of values of basin characteristics used to calculate the equations. Reasonable estimates for the T-year flood are possible from application of the regression equations to basin characteristics outside the range of values from which the equations were derived, but there is no way to estimate the possible error in those values. The ranges of the basin characteristics of the gaging stations used in the regression analysis are summarized in table 2.

The computed flood frequency in area 1 is very sensitive to the value of the variable *INTENS*. A change from 2.70 to 2.80 in. in the 2-year, 24-hour precipitation would increase the computed 100-year peak flood discharge by a factor of almost 2.5. It is not reasonable for such a small increase in rainfall intensity to cause such a large increase in flood discharge. It appears that the variable *INTENS* is a surrogate for some other factor which causes the flood potential of otherwise similar basins to increase from the northeast to the southwest in area 1. Identifying the unknown factor in flood producing potential of drainage basins in this area would be a worthwhile topic for future flood-frequency studies.

APPLICATION OF ESTIMATING TECHNIQUES

The proper procedure for determining flood-frequency characteristics for streams in Wisconsin is shown in figure 4. The first step is to locate the site in question in figure 3 or on plate 1 and then to follow the appropriate sequence shown in figure 4. A detailed description for applying each technique is given in the examples that follow.

Sites at Streamflow-Gaging Stations

Flood-frequency characteristics for sites at streamflow-gaging stations and at crest-gage stations were determined as outlined in the section "Flood-Frequency Analysis" and are listed in table 4. Some examples follow:

Example 1: Determine the 100-year flood discharge for the Jump River at Sheldon (station number 05362000).

Table 1. Flood-frequency equations for streams in Wisconsin

[A, contributing drainage area in square miles; S, main-channel slope in feet per mile; *INTENS*, 2-year, 24-hour precipitation intensity, in inches minus 2.3; *ST*, storage, in percent of basin area plus 1.0; *SP*, soil permeability of the least-permeable soil horizon in inches per hour; *SN*, mean annual snowfall for 1951 through 1980 in inches; *FOR*, forest cover in percent of basin area plus 1; Q_n , peak flood discharge in cubic feet per second, with an n-year recurrence interval]

Equation					Standard error of estimate (percent)	Standard error of prediction (percent)	Equation number
AREA 1 (39 stations)							
$Q_2 = 158 A^{0.720} INTENS^{2.95} S^{0.185}$					34	37	1
$Q_5 = 186 A^{0.778} INTENS^{3.34} S^{0.337}$					27	30	2
$Q_{10} = 226 A^{0.798} INTENS^{3.58} S^{0.396}$					25	28	3
$Q_{25} = 282 A^{0.818} INTENS^{3.82} S^{0.447}$					24	28	4
$Q_{50} = 317 A^{0.833} INTENS^{3.96} S^{0.480}$					25	29	5
$Q_{100} = 342 A^{0.848} INTENS^{4.06} S^{0.512}$					26	30	6
AREA 2 (36 stations)							
$Q_2 = 13.1 A^{0.885} SP^{-0.562} S^{0.388}$					24	27	7
$Q_5 = 15.1 A^{0.907} SP^{-0.619} S^{0.499}$					22	25	8
$Q_{10} = 16.2 A^{0.917} SP^{-0.649} S^{0.554}$					21	24	9
$Q_{25} = 17.2 A^{0.929} SP^{-0.679} S^{0.610}$					20	23	10
$Q_{50} = 17.6 A^{0.938} SP^{-0.697} S^{0.647}$					21	24	11
$Q_{100} = 17.7 A^{0.947} SP^{-0.713} S^{0.682}$					22	25	12
AREA 3 (56 stations)							
$Q_2 = 22.4 A^{0.868} SP^{-0.587} INTENS^{0.487} S^{0.239}$					36	38	13
$Q_5 = 36.7 A^{0.863} SP^{-0.665} INTENS^{0.523} S^{0.250}$					33	35	14
$Q_{10} = 55.9 A^{0.865} SP^{-0.671} INTENS^{0.484} S^{0.284} FOR^{-0.0853}$					31	34	15
$Q_{25} = 77.3 A^{0.864} SP^{-0.692} INTENS^{0.456} S^{0.270} FOR^{-0.127}$					30	33	16
$Q_{50} = 92.9 A^{0.864} SP^{-0.705} INTENS^{0.436} S^{0.273} FOR^{-0.150}$					30	33	17
$Q_{100} = 108 A^{0.864} SP^{-0.715} INTENS^{0.418} S^{0.276} FOR^{-0.166}$					30	33	18
AREA 4 (40 stations)							
$Q_2 = 1.36 A^{0.857} S^{0.262} ST^{-0.291} SP^{-0.251} SN^{0.688}$					28	32	19
$Q_5 = 4.63 A^{0.847} S^{0.289} ST^{-0.272} SP^{-0.256} SN^{0.486}$					28	31	20
$Q_{10} = 7.94 A^{0.844} S^{0.309} ST^{-0.265} SP^{-0.252} SN^{0.399}$					27	31	21
$Q_{25} = 13.2 A^{0.841} S^{0.332} ST^{-0.258} SP^{-0.244} SN^{0.317}$					27	30	22
$Q_{50} = 17.8 A^{0.839} S^{0.347} ST^{-0.253} SP^{-0.237} SN^{0.271}$					27	31	23
$Q_{100} = 22.7 A^{0.838} S^{0.361} ST^{-0.249} SP^{-0.230} SN^{0.233}$					27	31	24
AREA 5 (28 stations)							
$Q_2 = 8.17 A^{0.914} S^{0.454} ST^{-0.264} SP^{-0.195} INTENS^{0.486}$					25	28	25
$Q_5 = 21.1 A^{0.899} S^{0.469} ST^{-0.291} SP^{-0.242} INTENS^{0.611}$					21	24	26
$Q_{10} = 31.0 A^{0.887} S^{0.467} ST^{-0.298} SP^{-0.261} INTENS^{0.716}$					20	24	27
$Q_{25} = 44.8 A^{0.874} S^{0.462} ST^{-0.300} SP^{-0.281} INTENS^{0.769}$					20	25	28
$Q_{50} = 55.0 A^{0.868} S^{0.460} ST^{-0.299} SP^{-0.293} INTENS^{0.808}$					21	26	29
$Q_{100} = 64.8 A^{0.863} S^{0.460} ST^{-0.299} SP^{-0.302} INTENS^{0.808}$					22	27	30

1. Locate the data in table 4 by station number (05362000).
2. The 100-year flood discharge for Jump River is $Q_{100} = 25,600 \text{ ft}^3/\text{s}$.

The Water Resources Council (1981, Appendix 8) recommends that, if independent estimates are available for flow frequency, the weighted average of the independent estimates be used as the best estimate of flow frequency. The estimates should be weighted in inverse proportion to their variances. The flood-frequency estimates presented in this report were based on the common logarithms of discharge. Therefore the weighting should be done with the logarithms of the flood-frequency estimates, and the best estimate is the antilogarithm of the weighted average. The flood-frequency estimates in tables 4 and 5 are essentially independent and, therefore, could be combined by this procedure to get an improved estimate at each site.

Equation 8-1 (Water Resources Council, 1981) is

$$z = \frac{x(V_y) + y(V_x)}{V_x + V_y}$$

where x and y are two independent estimates of a flood-frequency characteristic, V_x and V_y are their respective variances, and z is the weighted estimate of the flood-frequency characteristic. In the example of the Jump River at Sheldon,

$$x = \log(25,600) \quad \text{from table 4}$$

$$V_x = (0.112)^2 = 0.0125 \quad \text{from table 4}$$

$$y = \log(42,700) \quad \text{from table 5}$$

$$V_y = (0.25)^2 = 0.0625 \quad \text{from table 1, eq. 6.}$$

$$\begin{aligned} \log(Q_{100}) &= \frac{\log(25,600)(0.0625) + \log(42,700)(0.0125)}{(0.0125) + (0.0625)} \\ &= \frac{(4.41)(0.0625) + (4.63)(0.0125)}{0.0750} \\ &= \frac{0.276 + 0.058}{0.0750} = \frac{0.334}{0.0750} = 4.45 \end{aligned}$$

$$Q_{100} = 28,200.$$

Some of the gaging stations are on main-stem streams where long-term records vary with degrees of regulation. Owing to the complexities involved in determining the flood-frequency characteristics at these sites for today's conditions, the data listed for several gaging stations in table 4 are based on special provisions. Some of these provisions are a result of studies involving the effect of storage for the long-term record; for example, Krug and House (1980) for the Wisconsin River. In other cases, the flood-frequency characteristics were determined by agreement between State and Federal agencies. Several estimates of flood-frequency characteristics are presented for the Wisconsin River because there is now a longer period of record at the gaging station than there was when previous studies were done. An example is:

Example 2: Determine the 100-year flood discharge for the Wisconsin River at Wisconsin Dells (station number 05404000).

1. Locate the data in table 4 by station number (05404000).
2. Three sets of flood-frequency characteristics are listed in the table. The first row (A in remarks column) lists values that represent the observed peaks at the station from 1935 through 1988. The Q_{100} for this condition is $69,900 \text{ ft}^3/\text{s}$. This discharge is presented for comparison only, and is not recommended for any use because it is based on a period of record including varying degrees of regulation. The second row (B in remarks column) lists values that were determined by Krug and House (1980) and revised to include the additional data recorded from 1977 through 1988. The Q_{100} for this condition is $72,900 \text{ ft}^3/\text{s}$. The third row (C in remarks column) lists values that the Wisconsin Department of Natural Resources, the U.S. Army Corps of Engineers, and the U.S. Geological Survey agreed would be used to represent flood discharges for the Wisconsin River. The Q_{100} for this agreement is $82,000 \text{ ft}^3/\text{s}$.

Table 2. Ranges of basin characteristics used in regression analysis[mi², square miles; ft/mi, foot per mile; in., inches; in/hr, inches per hour]

Basin characteristic	Minimum	Median	Maximum
AREA 1 (39 stations)			
Drainage area (mi ²)	0.28	22.1	1,034
Main-channel slope (ft/mi)	2.27	27.1	200
2-year, 24-hour precipitation (in.)	2.77	2.90	3.03
AREA 2 (36 stations)			
Drainage area (mi ²)	0.56	30.2	2,120
Main-channel slope (ft/mi)	3.65	15.2	96.0
Soil permeability (in/hr)	.20	1.24	2.88
AREA 3 (56 stations)			
Drainage area (mi ²)	1.00	22.6	2,240
Main-channel slope (ft/mi)	.84	10.2	30.4
2-year, 24-hour precipitation (in.)	2.35	2.50	2.79
Soil permeability (in/hr)	.12	1.86	8.46
Forest cover (percent)	1.18	72.3	95.3
AREA 4 (40 stations)			
Drainage area (mi ²)	0.66	35.0	696
Main-channel slope (ft/mi)	1.08	11.6	204
Storage (percent)	.00	9.65	52.4
Soil permeability (in/hr)	.12	.82	4.68
Mean annual snowfall (in.)	39.0	48.0	100
AREA 5 (28 stations)			
Drainage area (mi ²)	1.32	18.9	3,338
Main-channel slope (ft/mi)	.74	12.83	74.2
Storage (percent)	.00	1.65	15.4
Soil permeability (in/hr)	.27	1.03	3.75
2-year, 24-hour precipitation (in.)	2.55	2.69	2.85

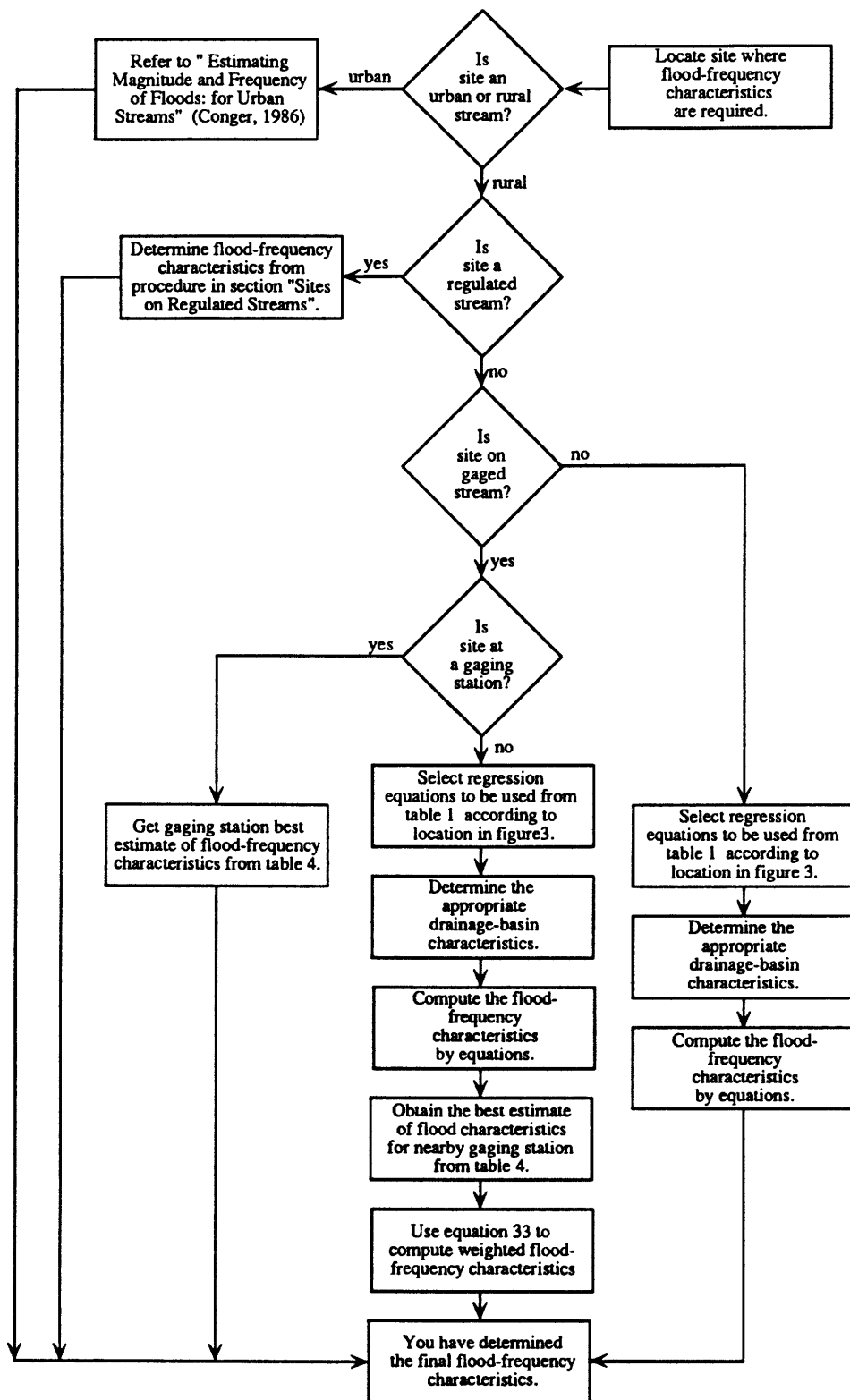


Figure 4. Flow chart for determination of flood-frequency characteristics.

Sites on Streams Without Streamflow-Gaging Stations

Flood-frequency characteristics at sites on ungaged streams are calculated by use of equations 1 through 30 from table 1.

Example 3: Determine the 100-year discharge for Tappen Coulee at Blair. This site is in area 1; therefore, use equation 6:

$$Q_{100} = 342A^{0.848} INTENS^{4.06} S^{0.512}$$

1. The drainage area A was determined to be 4.48 mi^2 from Henrich and Daniel (1983).
2. The precipitation intensity index ($INTENS$) was determined by locating the site in figure 2 and interpolating the 2-year, 24-hour precipitation intensity, then subtracting 2.3. The precipitation intensity is 2.83; therefore $INTENS$ is 0.53.
3. The main channel slope (S) was computed from U.S. Geological Survey topographic maps as follows: (a) The river or coulee length was measured from the site to the basin divide. For forked streams, the fork with the larger drainage area is followed. (b) The elevations at points that are 10 and 85 percent of the total stream length from the site are then determined. (c) Next, the difference in elevation between the sites is determined and is divided by the distance, in miles, between the points. By use of the Blair (1968) and the Hegg (1969) quadrangle maps, the total length of the stream for this site was determined to be 5.20 mi. The elevation at the 10-percent point is 847.6 ft and at the 85-percent point is 963.0 ft. The main channel slope is

$$S = \frac{963.0 - 847.6}{3.9} = 29.6 \text{ ft/mi.}$$

4. Substituting these values into equation 12:

$$\begin{aligned} Q_{100} &= 342A^{0.848} INTENS^{4.06} S^{0.512} \\ &= 342(4.48)^{0.848} (0.53)^{4.06} (29.6)^{0.512} \\ &= 342(3.57) (0.0760) (5.67) \\ &= 526 \text{ ft}^3/\text{s} \end{aligned}$$

If the drainage area crosses the boundary of two flood-frequency areas, compute the flood frequency using equations from both areas. Compute the final flood-frequency estimates as the weighted average of the two estimates weighted by the proportion of drainage area in each of the flood-frequency areas.

Sites on Streams near Streamflow-Gaging Stations

Flood-frequency characteristics at sites near gaging stations on a given stream should be determined by use of a combination of data for the nearest gaging station and data determined by use of multiple-regression equations. The procedure is applicable for sites that have a drainage area within 50 percent of the drainage area of the gaging station. For sites that are not within this range, the multiple-regression equations should be used to obtain flood-frequency characteristics. The suitability of the data should be determined by a comparison of the data with flood-frequency characteristics at the gaging station. The following procedure was used by Curtis (1987) for streams in Illinois. The procedure is as follows:

First, the ratio r is defined by

$$r = \frac{Q_g}{Q_r}, \quad (31)$$

where r is ratio,

Q_g is flood-frequency characteristics determined at the gaging station, and

Q_r is flood-frequency characteristics determined for the gaging station by the appropriate multiple-regression equation (eq. 1 - 30 in table 1).

The ratio provides the correction or adjustment needed for estimating the flood-frequency characteristics at the gaging

station from the characteristics computed using the regression equations. Further adjustment for difference in drainage area is determined by the factor r' that was derived by Sauer (1974), such that

$$r' = r - \frac{A}{0.5A_g} (r - 1.00), \quad (32)$$

where r is from eq. 31,

A is absolute value of the difference in drainage area between the ungaged site and the gaged site, and

A_g is drainage area of gaged site.

The adjusted flood-frequency characteristics for the site is computed by the equation

$$Q = Q_{ugr} r'^x, \quad (33)$$

where Q_{ugr} is flood-frequency characteristics determined for the ungaged site by the appropriate multiple-regression equation.

If the difference in drainage area between the ungaged site and the gaged site is more than 50 percent, equation 32 should not be used. In this case, the appropriate multiple-regression equation from table 1 should be used without adjustment but should be compared to the flood-frequency characteristics of the gaging station on the stream for suitability.

Example 4: Determine the 100-year flood of Black Earth Creek at U.S. Highway 14, which is 2 miles downstream from the gaging station Black Earth Creek at Black Earth (05406500).

Equation 31 is used to determine the ratio (r) of the 100-year floods at Black Earth Creek at Black Earth (05406500) gaging station.

Q_g is 1,720 ft³/s (from table 4)

Q_r is Q_{100} (from eq. 6 in table 1), and

$$Q_{100} \text{ is } 342A^{0.848}INTENS^{4.06}S^{0.512},$$

where A (drainage area) is 42.8 mi² (from table 5),

S (main channel slope) is 9.42 ft/mi (from table 5),

and $INTENS$ (precipitation intensity index) is 2.80 (from table 5); subtract 2.3 to give 0.50.

$$\begin{aligned} \text{Then } Q_{100} &= 342(42.8)^{0.848} (0.50)^{4.06} (9.42)^{0.512} \\ &= 342(24.2) (0.0600) (3.15) \\ &= 1,560 \text{ ft}^3/\text{s}, \text{ and} \end{aligned}$$

$$r = \frac{Q_g}{Q_r} = \frac{1720}{1560} = 1.103$$

Eq. 32 is used to calculate the adjustment factor r' , whereby

$$r' = r - \frac{A}{0.5A_g} (r - 1.00).$$

The drainage area at the site in question can be obtained from a report by Henrich and Daniel (1983) or by planimetry on U.S. Geological Survey topographic maps. The drainage area from Henrich and Daniel (1983) is 47.8 mi². Then,

$$r' = 1.103 - \left(\frac{|47.8 - 42.8|}{0.5(42.8)} \right) (1.103 - 1.00)$$

$$r' = 1.103 - \left(\frac{5}{21.4} \right) (0.103)$$

$$r' = 1.103 - (0.234) (0.103)$$

$$r' = 1.103 - (0.024) = 1.079.$$

Eq. 33 is used to compute the adjusted 100-year flood-frequency value for the site, whereby

$$Q_{100} = Q_r r'^x.$$

Q_r at the Black Earth Creek at U.S. Highway 14 can be determined at the site by use of the same eq. 30 and the procedure that was used to determine Q_r at the gaging station, as follows:

$$Q_r = Q_{100} = 342A^{0.848}INTENS^{4.06}S^{0.512}$$

The drainage-basin characteristics at this site were determined to be--

$$A = 47.8 \text{ mi}^2,$$

$$S = 8.81 \text{ ft/mi},$$

$$INTENS = 2.80 - 2.30 = 0.50;$$

$$Q_r = 342 (47.8)^{0.848} (0.50)^{4.06} (8.81)^{0.512}$$

$$= 342 (26.6) (0.0600) (3.05)$$

$$= 1,660 \text{ ft}^3/\text{s};$$

$$Q_{100} = 1,660 \times 1.079 = 1,790 \text{ ft}^3/\text{s}.$$

Sites on Regulated Streams

Regional-regression equations are not appropriate for estimating flood-frequency characteristics at ungaged sites on regulated streams. The recommended method is to use data from gaging stations on the regulated streams and to adjust the flood-frequency characteristics according to the relation of drainage area and discharge. Graphs showing the peak discharge of floods plotted at selected recurrence intervals against drainage area are presented in figures 5-8 for the following major regulated streams in Wisconsin.

- Menominee River between Wisconsin and Michigan,
- Wisconsin River from the mouth to Rainbow Reservoir near Lake Tomahawk,
- Chippewa River from the mouth to Lake Chippewa in Sawyer County, and
- Flambeau River from its mouth to Flambeau Flowage northeast of Park Falls.

Storage reservoirs in these basins can significantly change the flood-frequency characteristics at gaging stations. Flood-frequency analyses were performed for gaging stations along the main stems for the period of record beginning with the completion of the last large storage reservoir in each basin. These analyses represent today's flood-frequency characteristics. Completion date was 1941 for the Menominee River, 1926 for the Flambeau River, and 1923 for the Chippewa River. Flood frequency was analyzed for sites on the Menominee and Chippewa Rivers for both periods of record (after completion of the reservoirs and the entire period of record) to check how the flood discharge for the regulated period compares to long-term conditions. Results of the analyses are given in the following table:

Station number	Station name	Period	Flood-frequency characteristics, in cubic feet per second		
			2-year	25-year	100-year
04063000	Menominee River near Florence	1941-88	7,610	16,900	22,000
		1914-88	7,830	16,100	19,900
05365500	Chippewa River at Chippewa Falls	1927-88	38,200	74,200	89,500
		1890-88	37,900	74,800	90,300

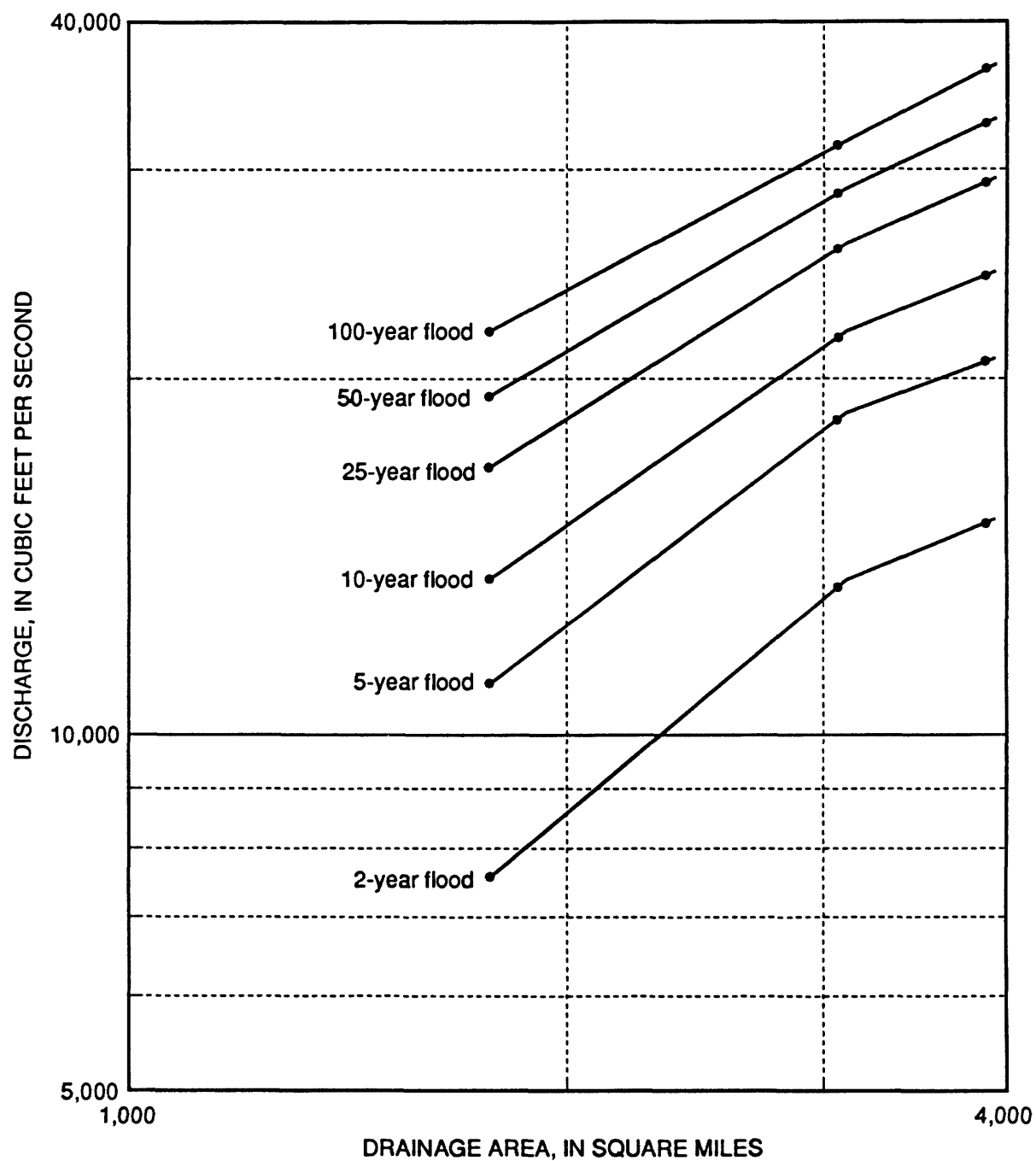


Figure 5. Relation of discharge to drainage area for selected flood frequencies along main stem of Menominee River in Wisconsin.

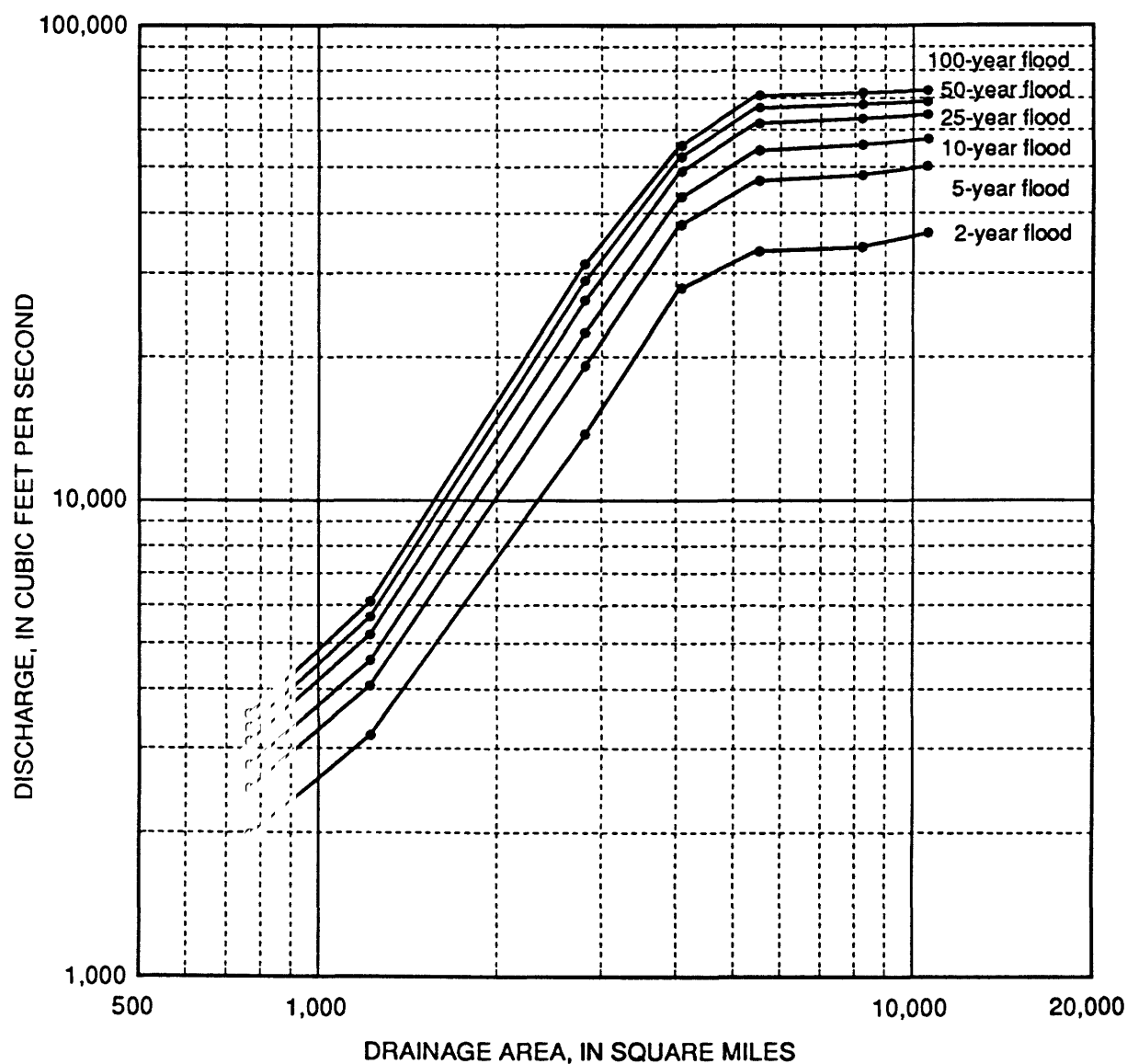


Figure 6. Relation of discharge to drainage area for selected flood frequencies along main stem of Wisconsin River in Wisconsin.

ADDITIONAL ANALYSES

Split-Sample Testing of Ordinary Least-Squares and Generalized Least-Squares Regression Analyses

In flood-frequency studies in 1971 and 1981, Conger used ordinary least-squares (OLS) regression analysis to compute the flood-frequency equations. The OLS procedure has limitations in that it does not consider the

effects of differing accuracy of the T-year flood estimates at gaging stations and does not account for the correlation of annual floods between gaging stations. The GLS procedure accounts for both of these complicating factors. Monte Carlo comparison of OLS and GLS by Stedinger and Tasker (1985) and comparisons of OLS and GLS regression analysis of real flood-frequency data in Pima County, Arizona (Tasker and others, 1986), showed that the GLS procedure gave lower variances of the predicted T-year floods than the OLS procedure.

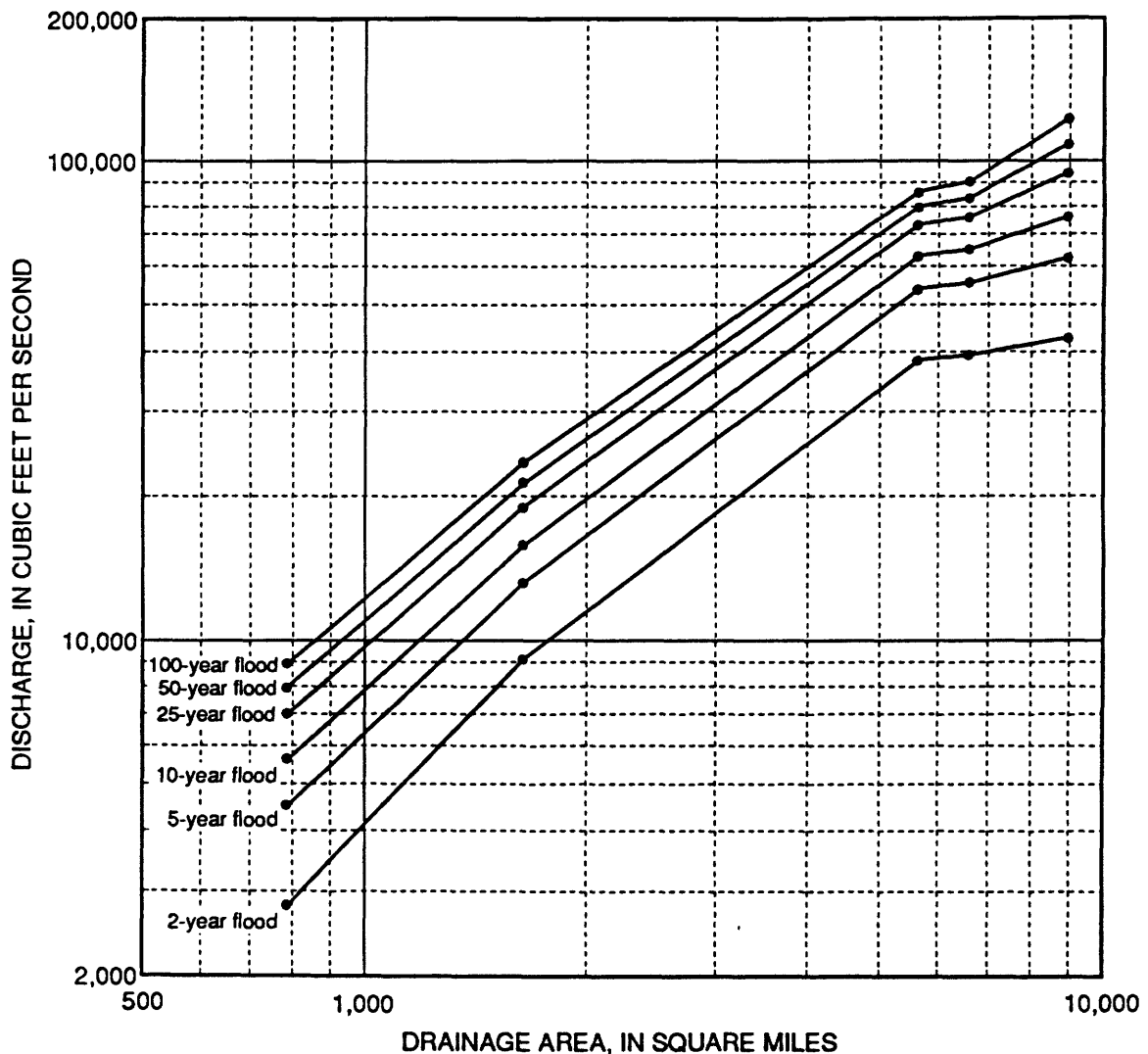


Figure 7. Relation of discharge to drainage area for selected flood frequencies along main stem of Chippewa River in Wisconsin.

A split-sample comparison, similar to that done with the Pima County data, was done for the 200 gaging stations available in Wisconsin. The split-sample test was done separately for each of the five flood-frequency areas in Wisconsin.

The gaging stations in each of the five areas were divided into three groups of equal size. The number of stations in each group ranged from 9 to 19, depending on the overall number of stations in each area. The stations were assigned to groups on the basis of the residuals from the original regression for the entire area. Stations from each group represented nearly the entire range of residuals of the original regression. This resulted in groups that also included nearly the

full range of independent variables from the entire area.

A group of nine stations is inadequate for computation of flood-frequency equations by regression analysis. For this reason, flood-frequency equations were computed with data from two of the groups. These equations were used to predict the T-year floods for stations in the third group. This procedure was repeated three times with different combinations of groups in the estimating data set and the prediction data set. T-year floods were estimated for all gaging stations by use of equations determined from other gaging stations in the area.

The error at each station was computed from the following equation:

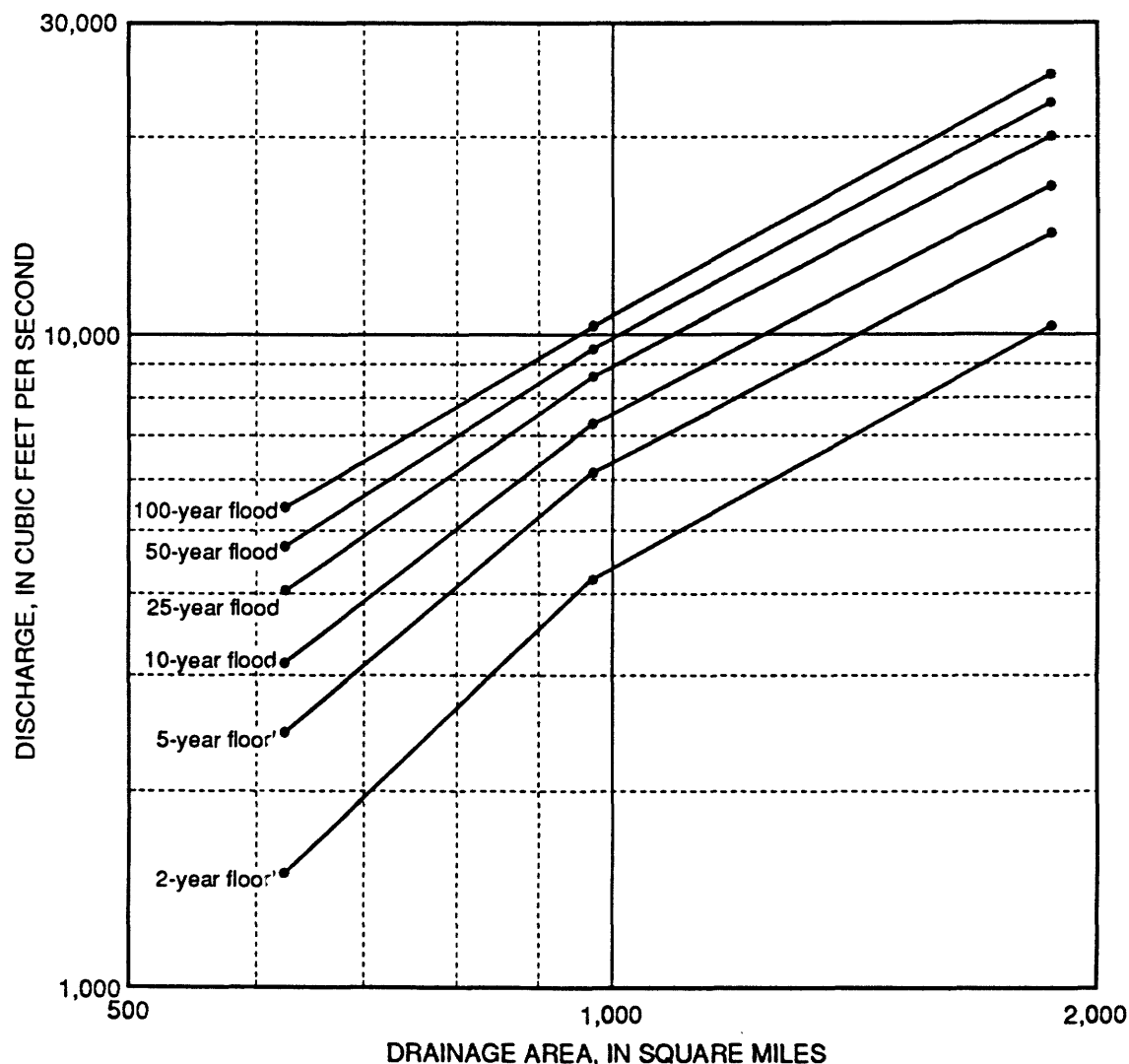


Figure 8. Relation of discharge to drainage area for selected flood frequencies along main stem of Flambeau River in Wisconsin.

$$E = Q_r - Q_g$$

where E is the error,

Q_r is the T-year flood estimated with the regression equations determined by use of the split samples, and

Q_g is the T-year flood computed with gaging-station data.

Within each area of the State, the standard error of prediction was the standard deviation of the errors. These are summarized in table 3.

The differences between the standard errors of prediction are not enough to indicate that either method is superior to the other. The average difference is 0.1 percent. The GLS method was used for this study because of its superior theoretical basis and its utility in providing information to aid in future network analysis.

Landsat Imagery

Up-to-date land-cover and land-use information that is much more accurate than similar information obtained from other sources can be obtained by use of satellite imagery. In a small-scale study, Allord and Scarpace (1979)

Table 3. Summary of standard errors of prediction determined by split sampling

[OLS, ordinary least squares; GLS, generalized least squares]

Recur- rence interval (years)	Standard error of prediction, in percent									
	Area 1		Area 2		Area 3		Area 4		Area 5	
	OLS	GLS	OLS	GLS	OLS	GLS	OLS	GLS	OLS	GLS
2	31.8	32.0	34.4	34.3	35.8	35.9	37.3	37.4	42.6	42.8
5	28.7	28.9	31.7	31.6	35.8	35.7	32.8	33.9	35.3	35.4
10	28.8	29.0	32.6	33.2	35.5	35.4	32.3	32.9	32.4	32.5
25	29.7	29.8	36.7	36.8	35.8	35.8	32.8	33.0	30.9	30.6
50	31.0	31.0	39.6	40.4	36.3	36.6	34.1	33.8	30.7	30.2
100	32.5	32.6	43.3	44.1	37.0	37.5	36.1	35.3	31.6	30.7

showed that regression equations developed with land-use information from satellite imagery were more accurate than regression equations developed with more conventional land-use information. Therefore, the use of data from satellite imagery for land-use information in regression equations was tested in the Driftless Area of southwestern Wisconsin. The area studied was approximately area 1.

Landsat Thematic Mapper data were obtained for three Landsat scenes covering the study area. These data consist of the following land-use categories:

- Barren
- Corn
- Cranberry bog
- Other agricultural
- Unclassified
- Upland conifer
- Upland hardwood
- Urban
- Water
- Wetland.

Supervised, maximum-likelihood, image-class-

ification procedures were used for all cover types except wetlands, which were interpreted manually. Fields of corn were separated from other agricultural lands because these fields were barren during much of the year and because the runoff from them is different from that of other fields, which typically have more complete ground cover. The urban classification includes major roads and any area of pavement large enough to be distinguished on the satellite images.

The three Landsat scenes were superimposed on outlines of the drainage basins of each of the gaging stations included in the study area by use of a geographic information system (GIS). The data from Landsat imagery at 30-meter resolution were transformed into a format compatible with the GIS by use of locations for ground-control points that could be identified on the map of the drainage basin and on the Landsat imagery data. The GIS was then used to compute the percentage of each basin in each of the land-use categories.

The percentages of each basin in each significant land-use classification were used as independent variables in regression analysis. Upland conifer was combined with upland hardwood to give total woodlands because the amounts of conifer were insignificant in most drainage basins. Wetlands and water classifications were combined into one variable because these two land-use classifications affected flood peaks similarly. Only a few basins

contained barren ground or cranberry bogs, so these land-use classifications were not used in the regression analysis.

Some of the land-use classifications duplicate the basin characteristics used in the regression analyses presented in the section "Regression Analysis and Flood-Frequency Equations." The function of the wetland-plus-water classification is the same as that of the storage characteristic. The function of total-woodland classification is the same as that of forest cover. Therefore, the variables *ST* and *FOR* from the previous analyses were not included in the regression analysis mentioned in the preceding paragraph. The data obtained for these variables from satellite imagery were assumed to be more accurate than those obtained from topographic maps.

Ordinary least-squares regression analysis based on the independent variables determined from satellite imagery was no more accurate than that for the independent variables described in the section "Regression Analysis and Flood-Frequency Equations." The standard error of estimate for the regressions based on satellite-derived data (except the 2-year recurrence interval) was slightly greater than that for nonsatellite data, as shown in the following table:

Recurrence interval (years)	Standard error of estimate, in percent	
	For satellite data	For nonsatellite data
2	29.5	30.5
5	26.0	25.9
10	25.2	24.4
25	25.2	24.3
50	26.4	25.4
100	28.5	27.2

The variable *ST* (storage) was not used in the regressions based on satellite data. The variable wetlands-plus-water from the satellite data was assumed to be more accurate than the variable *ST*. However, the variable wetlands-plus-water was less significant in the regression than the

variable *ST* had been, and the resulting regression equations had larger standard errors.

Flood-Plain Geometry

In some studies (Hedman and others, 1974), good correlation has been found between the size of channels or flood plains and the magnitudes of floods of various recurrence intervals. Several such variables were investigated in the Driftless Area of Wisconsin to determine their effect on regression equations. Some of these variables were measured on USGS topographic quadrangles. Others were measured in field surveys.

One variable, the width of the flood plain, was measured at the gage and at 25, 50, and 75 percent of the channel length from the gage to the divide. The measurements were tested in regression analysis, singly and as several combinations of averages. None of the averages was better than the width at the gage (*FPWAG*). Variables involving ratios of flood-plain width to drainage area and length either were insignificant in the regression analysis or produced no improvement in the regression equations.

The other major variables tested were the width and depth of the channel, either the active or the bank-full channel. Active-channel geometry has been used by various investigators, including Hedman, Kastner, and Hejl (1974). The variables tested were the active-channel width (*ACW*), average depth of the active channel (*ACD*), the width of the channel at bank-full stage (*BFW*), and the average depth at bank-full stage (*BFD*). Of these, *ACW* was the most useful and the most significant in the regression equations.

The standard error of prediction from three ordinary least-squares regression analyses of 30 stations in the Driftless Area are summarized in the table that follows. In the first analysis, only the variables found to be significant in the regression analysis reported in the section "Regression Analysis and Flood-Frequency Equations" were used; none of the flood-plain-geometry variables were used. In the second analysis, the *ACW* variable was added to those used in the first analysis. In the third

analysis, the *ACW* and *FPWAG* variables were added to those used in the first analysis.

Recurrence interval (years)	Standard error of prediction, in percent		
	Basin characteristics only	Basin characteristics plus <i>ACW</i>	Basin characteristics plus <i>ACW</i> and <i>FPWAG</i>
2	33.6	32.7	32.7
5	31.1	29.8	29.8
10	30.9	29.3	29.3
25	30.7	30.4	29.9
50	31.6	32.0	31.3
100	33.1	33.1	33.3

The equations for the 5- and 10-year recurrence intervals are slightly improved by the addition of the variable *ACW* to the regression analysis, but those for the 100-year recurrence interval are unaffected because the variable *ACW* is not statistically significant in that regression. The equations for the 2- through 10-year recurrence intervals are not affected by the variable *FPWAG* because the variable is not statistically significant. The equations for the 25- and the 50-year recurrence interval are slightly improved by *FPWAG*, but those for the 100-year recurrence interval are slightly worse.

The minor improvements in the regression equations for some of the lower recurrence intervals are not significant enough to justify the extra effort in measuring the channel-geometry characteristics. This is especially true because the measurement of these variables involves the judgement of the individual making the measurement and could involve error in determining the variables for the equation.

SUMMARY

Equations, tables, and graphs presented in this report provide a means for estimating flood-frequency characteristics for rural streams in Wisconsin. The use of satellite-imagery data and channel-morphology data was tested in the multiple-regression analyses to determine their effect on the accuracy for estimating flood-frequency characteristics at ungaged sites.

Flood-frequency characteristics were determined at 100 crest-stage stations, at 37 discontinued crest-stage stations, and at 132 continuous streamflow-gaging stations using the log-Pearson Type III frequency distribution. The flood-frequency characteristics at 96 crest-gage stations, 32 discontinued crest-gage stations, and 72 of the streamflow-gaging stations, as well as their drainage-basin characteristics, were used in a multiple-regression analysis to derive equations for estimating flood-frequency characteristics. The generalized least-square procedure was used in the multiple-regression analyses. The State was divided into five areas of similar physiographic characteristics.

For the 100-year flood discharge, the standards errors of prediction in the five areas were better than those reported in Conger (1981). The most improvement was in area 1 (southwestern Wisconsin) where the standard error of prediction was lowered from 40 to 30 percent. The standard error of prediction for the 100-year flood equation ranged from 25 percent for streams in the northwestern area to 33 percent for streams in the northeastern area. Drainage area, channel slope, soil permeability, storage, rainfall intensity, and forest cover are the most significant drainage-basin characteristics for estimating flood-frequency characteristics.

Land-use data were obtained from Landsat imagery for southwestern Wisconsin. Nine categories of use were defined and were used in multiple-regression analyses for gaged sites in the area. The standard errors of estimate for the equations slightly exceeded those for equations derived from conventional drainage-based characteristics.

Channel-morphology characteristics determined for gaged sites in southwestern Wisconsin were flood-plain width and various forms of channel width and depth. The addition of these characteristics to the multiple-regression analyses resulted in equations that were slightly more accurate for the 2- through 10-year recurrence intervals but slightly less accurate for the 100-year recurrence interval. Because the improvement in the accuracy of the regression equations for some of the lower recurrence intervals is only minor, the use of the equations is not justified.

Graphical relations of flood-frequency characteristics and drainage area are presented for the regulated Menominee, Flambeau, Chippewa, and Wisconsin Rivers. The relations were developed by use of data at gaging stations for periods after the last large storage reservoir was constructed. For the Wisconsin River, the source of flood discharges through 1976 was a report by Krug and House (1980). Observed flood discharges were used after 1976.

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Table 4. Flood discharges at selected recurrence intervals and WRC skew for gaging stations in Wisconsin

[WRC skew, skew as defined in Bulletin 17B (U.S. Water Resources Council, 1981); recurrence intervals in years; discharge in cubic feet second; SE₁₀₀, standard error of 100-year discharge in percent]

Station number	Station name	WRC skew	Discharge for indicated recurrence interval						SE ₁₀₀	Remarks ¹
			2	5	10	Years 25	50	100		
04024400	Stony Brook near Superior, Wis.	-0.554	205	332	414	513	582	647	17.6	
04024430	Nemadji River near South Superior, Wis.	.197	5,510	7,470	8,810	10,600	11,900	13,300	19.6	
04025200	Pearson Creek near Maple, Wis.	.374	356	642	896	1,300	1,670	2,110	28.8	
04025500	Bois Brule River near Brule, Wis.	-.026	638	913	1,100	1,340	1,520	1,710	12.3	
04026200	Sand River tributary near Red Cliff, Wis.	.341	116	200	272	382	481	595	27.0	
04026300	Sioux River near Waahburn, Wis.	.351	494	860	1,180	1,666	2,110	2,620	27.7	
04026400	Spillerberg Creek near Cayuga, Wis.	-.002	76.9	110	133	163	186	209	17.0	
04026450	Bad River near Mellen, Wis.	.131	854	1,230	1,500	1,860	2,140	2,430	21.8	
04026700	Trout Brook tributary near Marengo, Wis.	-.205	124	204	262	340	400	461	23.1	
04027000	Bad River near Odanah, Wis.	.248	7,580	10,800	13,200	16,400	19,000	21,700	13.4	
04027200	Pearl Creek at Grandview, Wis.	.146	176	259	318	399	463	530	17.5	
04027500	White River near Ashland, Wis.	-.165	2,590	3,920	4,830	6,010	6,890	7,780	14.3	
04028000	Montreal River at Ironwood, Mich.	.229	1,080	1,660	2,100	2,720	3,230	3,780	30.7	
04029700	Boomer Creek near Saxon, Wis.	-.267	131	214	273	349	408	466	22.9	
04030000	Montreal River near Saxon, Wis.	-.257	3,440	4,670	5,430	6,340	6,980	7,590	11.4	
04059900	Allen Creek tributary near Alvin, Wis.	.134	9.5	13.8	16.9	21.0	24.2	27.5	16.9	
04061000	Brule River near Florence, Wis.	.171	1,500	2,110	2,540	3,120	3,560	4,030	12.5	
04063000	Menominee River near Florence, Wis.	-.255	7,830	11,200	13,400	16,100	18,000	19,900	8.9	A
		.063	7,610	11,100	13,600	16,900	19,400	22,000	13.0	D
04063640	North Branch Pine River at Windsor Dam near Alvin, Wis.	.201	77.3	101	118	138	154	170	16.0	
04063688	South Branch Popple River near Newald, Wis.	-.226	48.9	59.1	64.9	71.6	76.1	80.2	9.3	
04063700	Popple River near Fence, Wis.	.281	683	926	1,100	1,320	1,500	1,680	15.9	
04063800	Woods Creek near Fence, Wis.	.556	190	267	326	410	480	556	18.4	
04064500	Pine River below Pine River Powerplant near Florence, Wis.	.022	1,980	2,690	3,170	3,780	4,230	4,680	10.0	
04064800	Little Popple River near Aurora, Wis.	-.234	345	463	536	622	683	741	14.3	
04066000	Menominee River below Pemene Creek near Pembine, Wis.	-.168	13,500	18,700	21,900	26,000	28,900	31,700	12.1	
04066300	Cole Creek near Dunbar, Wis.	.145	20.9	28.9	34.3	41.5	46.9	52.5	16.8	
04066500	Pike River at Amberg, Wis.	.139	1,010	1,395	1,660	2,000	2,270	2,540	10.4	
04066700	Mccall Creek at Wausaukee, Wis.	-.471	13.4	27.1	37.7	52.1	63.3	74.7	30.7	
04067000	Menominee River below Koss, Mich.	-.479	13,400	18,600	21,600	25,100	27,500	29,600	7.9	A
		.209	12,300	17,600	21,400	26,600	30,600	34,900	14.1	D
04067500	Menominee River near McAllister, Wis.	.030	15,200	20,800	24,600	29,500	33,100	36,800	11.6	
04067760	Peahtigo River near Cavour, Wis.	-.057	898	1,160	1,330	1,530	1,670	1,820	13.4	
04067800	Armstrong Creek near Armstrong Creek, Wis.	.490	101	140	170	211	244	280	17.0	
04068000	Peahtigo River at High Falls near Crivitz, Wis.	-.083	2,000	2,600	2,980	3,440	3,770	4,080	8.9	
04069500	Peahtigo River at Peahtigo, Wis.	.288	4,420	5,790	6,720	7,930	8,850	9,800	11.9	
04069700	North Branch Oconto River near Wabeno, Wis.	.110	125	199	256	336	402	473	26.3	
04071000	Oconto River near Gillett, Wis.	-.077	2,480	3,540	4,250	5,150	5,820	6,500	9.0	
04071700	North Branch Little River near Coleman, Wis.	-.260	244	373	459	567	647	727	16.0	
04071800	Pensaukee River near Pulaaki, Wis.	-.274	741	1,160	1,450	1,810	2,080	2,350	17.9	
04071858	Pensaukee River near Pensaukee, Wis.	-.218	1,490	2,710	3,660	4,970	6,040	7,150	32.8	
04073400	Bird Creek at Wautoma, Wis.	-.011	78.1	111	133	161	182	203	14.5	
04073500	Fox River at Berlin, Wis.	-.317	3,460	4,730	5,510	6,420	7,060	7,660	6.8	
04074300	Mud Creek near Nashville, Wis.	-.138	62.3	78.4	88.2	100	108	115	11.6	
04074700	Hunting River near Elcho, Wis.	.323	81.8	114	137	168	192	218	15.7	
04074850	Lily River near Lily, Wis.	-.094	68.6	112	144	188	223	259	26.1	
04074950	Wolf River at Langlade, Wis.	-.083	1,430	1,760	1,960	2,190	2,350	2,610	10.3	

Table 4. Flood discharges at selected recurrence intervals and WRC skew for gaging stations in Wisconsin--Continued

Station number	Station name	WRC skew	Discharge for indicated recurrence interval							SE ₁₀₀	Remarks ¹
			2	5	10	25	50	100			
04075200	Evergreen Creek near Langlade, Wis.	0.046	44.5	56.2	63.5	72.5	78.9	85.3	10.1		
04075500	Wolf River above West Branch Wolf River near Keshena, Wis.	.318	1,740	2,120	2,360	2,665	2,890	3,120	8.7		
04077000	Wolf River at Keshena Falls near Keshena, Wis.	.356	2,410	3,070	3,520	4,100	4,545	5,000	7.5		
04078500	Embarras River near Embarras, Wis.	-.070	2,340	3,460	4,235	5,240	6,000	6,780	10.8		
04079000	Wolf River at New London, Wis.	-.224	6,720	9,460	11,200	13,400	14,900	16,400	9.1		
04079700	Spaulding Creek near Big Falls, Wis.	.109	52.5	67.7	77.6	90.0	99.2	108	11.2		
04080000	Little Wolf River at Royalton, Wis.	-.522	3,195	4,850	5,880	7,095	7,930	8,715	10.7		
04081000	Waupaca River near Waupaca, Wis.	-.518	1,060	1,540	1,835	2,175	2,405	2,620	9.9		
04081010	Waupaca River tributary near Waupaca, Wis.	-.499	41.4	69.8	89.1	113	130	147	22.5		
04081900	Sawyer Creek at Oakkosh, Wis.	-.001	427	861	1,240	1,840	2,370	2,970	31.7		
		-.243	542	1,020	1,400	1,930	2,360	2,810	25.1		G
04083000	West Branch Fond du Lac River at Fond du Lac, Wis.	-.700	760	1,140	1,370	1,620	1,780	1,930	20.1		
04083400	East Branch Fond du Lac River tributary near Eden, Wis.	-.416	57.6	96.6	123	158	183	207	23.1		
04083500	East Branch Fond du Lac River at Fond du Lac, Wis.	-.710	908	1,550	1,960	2,440	2,760	3,060	26.5		
04084500	Fox River at Rapide Croche Dam, near Wrightstown, Wis.	-.768	12,700	17,000	19,200	21,600	23,000	24,200	6.7		E
04085030	Apple Creek near Kaukauna, Wis.	-.735	787	1,210	1,450	1,730	1,910	2,070	15.6		
04085100	East River tributary at Greenleaf, Wis.	-.162	216	379	504	678	818	965	25.8		
04085200	Kewaunee River near Kewaunee, Wis.	-.417	2,700	4,370	5,490	6,880	7,890	8,870	17.6		
04085281	East Twin River at Mishicot, Wis.	-.163	1,200	2,020	2,620	3,440	4,080	4,750	29.5		
04085300	Neahota River tributary near Denmark, Wis.	-.424	193	326	418	536	622	707	19.6		
04085400	Killbuck River near Chilton, Wis.	-.606	627	1,060	1,340	1,680	1,910	2,130	19.6		
04085427	Manitowoc River at Manitowoc, Wis.	-.154	2,590	4,270	5,510	7,170	8,470	9,820	27.7		
04085700	Sheboygan River tributary near Plymouth, Wis.	-.032	113	183	235	307	365	426	24.4		
04086000	Sheboygan River at Sheboygan, Wis.	-.655	3,140	5,000	6,150	7,480	8,380	9,200	13.6		
04086150	Milwaukee River at Kewaskum, Wis.	-.059	900	1,460	1,860	2,420	2,870	3,330	29.4		
04086200	East Branch Milwaukee River near New Fane, Wis.	-.137	214	352	455	593	702	815	31.1		
04086340	North Branch Milwaukee River near Fillmore, Wis.	-.266	789	1,380	1,820	2,420	2,880	3,360	33.5		
04086360	Milwaukee River at Waubesa, Wis.	-.391	2,110	3,530	4,520	5,770	6,710	7,630	28.6		
04086400	Milwaukee River tributary near Fredonia, Wis.	-.586	55.0	105	141	188	221	254	30.0		
04086500	Cedar Creek near Cedarburg, Wis.	-.189	951	1,860	2,600	3,670	4,570	5,530	20.1		
04087000	Milwaukee River at Milwaukee, Wis.	-.057	4,690	6,990	8,580	10,700	12,300	13,900	10.4		
04087030	Menomonee River at Menomonee Falls, Wis.	.160	539	788	968	1,210	1,400	1,610	27.3		
04087050	Little Menomonee River near Freistadt, Wis.	-.446	182	272	328	395	441	485	14.5		
04087088	Underwood Creek at Wauwatosa, Wis.	-.298	857	1,430	1,840	2,370	2,780	3,180	34.8		
04087100	Honey Creek at Milwaukee, Wis.	-.035	319	488	609	769	894	1,020	17.7		
04087120	Menomonee River at Wauwatosa, Wis.	.023	3,400	5,670	7,430	9,920	12,000	14,100	23.1		
04087200	Oak Creek near South Milwaukee, Wis.	-.117	258	453	604	817	989	1,170	22.5		
04087204	Oak Creek at South Milwaukee, Wis.	.113	585	767	887	1,040	1,150	1,260	13.1		
04087220	Root River near Franklin, Wis.	.219	1,080	1,860	2,500	3,470	4,310	5,260	27.3		
04087230	West Branch Root River Canal tributary near North Cape, Wis.	-.603	89.4	133	160	190	210	228	15.2		
04087233	Root River Canal near Franklin, Wis.	-.274	709	975	1,140	1,340	1,480	1,610	13.5		
04087240	Root River at Racine, Wis.	-.032	1,940	2,750	3,300	4,000	4,530	5,070	16.0		
04087250	Pike Creek near Kenosha, Wis.	-.308	82.6	135	171	217	252	287	19.0		
04087257	Pike River near Racine, Wis.	-.453	878	1,180	1,350	1,540	1,670	1,790	15.8		
05332500	Namekagon River near Trago, Wis.	.573	1,170	1,620	1,960	2,440	2,830	3,260	12.8		E
05333100	Little Frog Creek near Minong, Wis.	-.345	205	378	508	685	823	964	24.2		

Table 4. Flood discharges at selected recurrence intervals and WRC skew for gaging stations in Wisconsin--Continued

Station number	Station name	WRC skew	Discharge for indicated recurrence interval						SE ₁₀₀	Remarks ¹
			2	5	10	Years 25	50	100		
05333500	St. Croix River near Danbury, Wis.	-0.058	4,640	6,350	7,480	8,880	9,920	10,900	8.4	
05334100	Sawyer Creek near Shell Lake, Wis.	-.160	44.2	68.0	84.6	106	122	139	20.6	
05335380	Basshaw Brook near Shell Lake, Wis.	.164	98.1	177	246	352	447	555	27.8	
05336000	St. Croix River near Grantsburg, Wis.	-.116	10,300	14,400	17,100	20,500	23,000	25,500	10.8	
05340300	Trade River near Frederic, Wis.	.384	126	238	340	510	670	862	31.8	
05340500	St. Croix River at St. Croix Falls, Wis.	-.525	22,300	33,200	40,000	47,800	53,100	58,100	8.7	
05341500	Apple River near Somerset, Wis.	-.223	1,160	1,650	1,970	2,370	2,650	2,930	9.2	E
05341700	Willow River tributary near New Richmond, Wis.	-.778	58.5	109	143	182	210	234	26.2	
05341900	Kinnickinnic River tributary at River Falls, Wis.	-.243	576	1,640	2,750	4,670	6,510	8,700	42.8	
05346600	Little Trimbelle Creek near Bay City, Wis.	.008	647	1,280	1,830	2,670	3,420	4,270	36.0	
05356000	Chippewa River at Bishops Bridge near Winter, Wis.	-.564	3,000	4,640	5,660	6,870	7,690	8,460	9.9	A
05356200	Kenyon Creek near Radisson, Wis.	-.439	2,810	4,510	5,630	7,020	8,020	8,990	12.1	D
05356500	Chippewa River near Bruce, Wis.	-.347	167	255	313	384	436	487	19.2	
05357380	Bear River near Powell, Wis.	-.360	9,290	13,200	15,600	18,500	20,500	22,500	8.4	A
05357390	Weber Creek near Mercer, Wis.	-.277	9,190	13,300	15,900	19,100	21,400	23,600	9.8	D
05357500	Flambeau River at Flambeau Flowage (Flambeau Reservoir), Wis.	-.338	421	627	759	922	1,040	1,150	19.0	
05358100	Smith Creek near Park Falls, Wis.	-.064	93.7	153	198	258	307	358	25.6	
05358500	Flambeau River at Babbs Island near Winter, Wis.	-.200	1,480	2,430	3,100	4,000	4,690	5,390	18.1	D
05359200	South Fork Flambeau River tributary near Park Falls, Wis.	-.127	183	271	332	409	467	526	20.0	
05359500	South Fork Flambeau River near Phillips, Wis.	-.576	4,180	6,100	7,250	8,550	9,420	10,200	11.0	D
05359600	Price Creek near Phillips, Wis.	-.418	29.5	56.8	77.5	105	127	149	30.3	
05360000	Flambeau River near (at) Ladysmith, Wis.	-.378	4,290	5,880	6,850	7,980	8,750	9,480	9.6	
05360200	Flambeau River tributary at Ladysmith, Wis.	.240	147	202	241	292	332	373	14.5	
05360500	Flambeau River near Bruce, Wis.	-.091	9,290	12,900	15,200	18,200	20,300	22,500	10.1	A
05361400	Hay Creek near Prentice, Wis.	.172	8,580	12,100	14,600	18,000	20,600	23,300	14.5	D
05361420	Douglas Creek near Prentice, Wis.	-.023	17.1	26.8	33.9	43.5	51.0	58.9	22.6	
05361500	South Fork Jump River near Ogema, Wis.	-.025	10,200	14,100	16,700	19,900	22,400	24,800	9.3	D, F
05361600	North Fork Jump River near Phillips, Wis.	-.506	537	801	964	1,160	1,290	1,410	15.1	
05362000	Jump River at Sheldon, Wis.	-.092	550	787	946	1,150	1,300	1,450	18.4	
05364000	Yellow River at Cadott, Wis.	-.008	4,740	6,390	7,470	8,820	9,820	10,800	20.8	
05364100	Seth Creek near Cadott, Wis.	-.572	122	208	266	336	387	435	24.7	
05364500	Duncan Creek at Bloomer, Wis.	-.025	8,060	12,300	15,300	19,200	22,300	25,600	11.2	
05365000	Duncan Creek at Chippewa Falls, Wis.	.153	4,420	7,180	9,330	12,400	15,000	17,800	17.7	
05365500	Chippewa River at Chippewa Falls, Wis.	-.035	236	364	456	579	675	775	19.0	
05365700	Goggle-Eye Creek near Thorp, Wis.	.077	824	1,650	2,400	3,570	4,640	5,870	30.8	
05366000	Eau Claire River near Augusta, Wis.	-.187	1,940	2,780	3,330	4,010	4,510	5,000	20.8	
05366500	Eau Claire River near Fall Creek, Wis.	-.393	37,900	53,700	63,400	74,800	82,800	90,300	7.2	A
05367000	Chippewa River at (near) Eau Claire, Wis.	-.350	38,200	53,500	63,000	74,200	82,000	89,500	9.1	D
05367030	Willow Creek near Eau Claire, Wis.	.204	400	860	1,310	2,060	2,800	3,690	35.3	
05367480	East Branch Pine Creek tributary near Dallas, Wis.	-.189	5,750	7,110	7,900	8,830	9,460	10,100	13.2	
05367500	Red Cedar River near Colfax, Wis.	-.299	8,010	13,200	16,800	21,500	25,000	28,500	15.9	
05367700	Lightning Creek at Almota, Wis.	.717	39,400	52,900	63,100	77,700	89,700	103,000	23.5	A
05368000	Hay River at Wheeler, Wis.	.839	38,200	52,400	63,600	80,100	94,100	110,000	33.7	D
05368900	Red Cedar River at Menomonie, Wis.	.022	147	216	264	328	378	429	16.1	
05369500	Chippewa River at Durand, Wis.	.215	131	220	292	398	489	591	24.4	
05369700	Lightning Creek at Almota, Wis.	-.531	528	887	1,130	1,420	1,830	2,330	18.9	
05369800	Hay River at Wheeler, Wis.	-.079	3,200	5,630	7,530	10,200	12,400	14,800	20.4	
05369900	Red Cedar River at Menomonie, Wis.	-.074	8,890	14,000	17,700	22,600	26,400	30,400	11.6	
05369950	Chippewa River at Durand, Wis.	.022	42,800	62,700	76,600	94,800	109,000	123,000	11.4	D

Table 4. Flood discharges at selected recurrence intervals and WRC skew for gaging stations in Wisconsin--Continued

Station number	Station name	WRC skew	Discharge for indicated recurrence interval						SE ₁₀₀	Remarks ¹
			2	5	10	25	50	100		
05369800	Eau Galle River tributary near Hersey, Wis.	0.203	76.4	152	221	333	437	561	38.6	
05370000	Eau Galle River at Spring Valley, Wis.	-.601	1,420	2,430	3,110	3,920	4,500	5,040	24.8	D
05370600	Arkansas Creek tributary near Arkansas, Wis.	-.195	170	248	300	366	414	462	15.0	
05370900	Spring Creek near Durand, Wis.	-.211	164	310	438	626	783	954	29.0	
05371300	By Golly Creek near Nelson, Wis.	-.321	10.0	36.2	69.0	132	198	280	72.3	
05371800	Buffalo River tributary near Oaseo, Wis.	-.198	65.3	99.2	122	152	174	196	16.7	
05371920	Buffalo River near Mondovi, Wis.	-.016	1,430	2,400	3,140	4,180	5,020	5,930	32.2	
05372000	Buffalo River near Tell, Wis.	-.252	2,910	5,180	6,890	9,220	11,100	13,000	29.2	
05378200	Eagle Creek near Fountain City, Wis.	.240	861	1,590	2,220	3,220	4,120	5,170	30.6	
05379400	Trempealeau River at Arcadia, Wis.	-.138	4,240	7,580	10,200	13,800	16,800	20,000	41.7	
05379500	Trempealeau River at Dodge, Wis.	-.129	3,680	6,610	8,660	11,500	13,700	16,100	15.0	
05380800	Black River tributary near Whittlesey, Wis.	-.279	117	173	210	256	288	321	15.6	
05380900	Poplar River near Owen, Wis.	-.130	4,630	7,260	9,130	11,600	13,500	15,400	18.1	
05380970	Cawley Creek near Neillsville, Wis.	.041	2,090	3,720	5,040	6,990	8,650	10,500	25.9	
05381000	Black River at Neillsville, Wis.	-.344	13,100	20,200	24,900	30,800	35,100	39,200	10.1	
05382000	Black River near Galesville, Wis.	-.352	21,500	32,900	40,300	49,600	56,300	62,800	11.6	
05382200	French Creek near Ettrick, Wis.	-.257	335	681	965	1,380	1,720	2,090	28.2	
05382300	Beaver Creek tributary near Sparta, Wis.	.032	127	179	214	259	294	328	16.9	
05382500	Little La Crosse River near Leon, Wis.	-.237	999	1,700	2,210	2,890	3,420	3,960	16.5	
05383000	La Crosse River near West Salem, Wis.	-.117	2,460	3,820	4,770	6,030	6,990	7,980	12.7	
05386300	Mormon Creek near La Crosse, Wis.	-.422	625	1,825	3,035	5,020	6,810	8,840	42.7	
05387100	North Fork Bad Axe River near Genoa, Wis.	-.100	1,230	2,730	4,110	6,310	8,290	10,600	33.7	
05388460	Du Charne Creek at Eastman, Wis.	-.007	68.9	132	185	266	336	415	33.3	
05390140	Muskrat Creek at Conover, Wis.	-.168	64.7	88.3	103	122	135	147	15.4	
05390240	Fourmile Creek near Three Lakes, Wis.	-.186	79.0	97.0	108	120	128	136	10.1	
05391000	Wisconsin River at Rainbow Lake near Lake Tomahawk, Wis.	-.489	1,760	2,450	2,870	3,340	3,650	3,940	9.2	A
		.211	1,930	2,410	2,720	3,110	3,410	3,690	6.5	B
05391260	Gudegast Creek near Starks, Wis.	-.043	65.2	80.7	90.2	101	109	117	11.1	
05391950	Squaw Creek near Harrison, Wis.	-.073	19.4	25.4	29.3	33.9	37.2	40.5	13.9	
05392000	Wisconsin River at Whirlpool Rapids near Rhinelander, Wis.	-.409	3,570	4,460	4,940	5,480	5,840	6,160	6.1	A
		-.068	3,200	4,060	4,590	5,220	5,680	6,110	6.9	B
05392150	Mishonagon Creek near Woodruff, Wis.	.023	70.8	86.9	96.7	109	117	125	8.5	
05392350	Bearskin Creek near Harshaw, Wis.	.310	76.3	101	117	139	156	173	13.5	
05393000	Tomahawk River at Bradley, Wis.	-.049	1,250	1,780	2,130	2,590	2,940	3,280	12.1	
05393500	Spirit River at Spirit Falls, Wis.	-.560	1,550	2,290	2,730	3,250	3,590	3,910	11.3	
05393640	Little Pine Creek near Irma, Wis.	.173	121	169	202	245	279	314	18.7	
05394000	New Wood River near Merrill, Wis.	-.031	1,225	1,955	2,490	3,225	3,805	4,415	20.6	
05394200	Devil Creek near Merrill, Wis.	-.385	295	438	530	640	718	793	15.4	
05394500	Prairie River near Merrill, Wis.	-.051	1,400	2,130	2,650	3,340	3,870	4,420	11.6	
05395000	Wisconsin River at Merrill, Wis.	.051	13,600	19,500	23,600	29,100	33,300	37,600	9.2	A
		-.391	13,300	18,600	21,800	25,500	28,100	30,500	7.9	B
05395020	Lloyd Creek near Doering, Wis.	-.080	300	423	504	608	684	761	17.7	
05395100	Trappe River tributary near Merrill, Wis.	-.023	141	239	314	419	505	598	22.0	
05396000	Rib River at Rib Falls, Wis.	-.472	6,960	11,900	15,300	19,500	22,600	25,600	18.8	
05396100	Pet Brook near Edgar, Wis.	.031	699	1,180	1,550	2,080	2,520	3,000	23.7	
05397500	Eau Claire River at Kelly, Wis.	-.238	3,220	4,880	5,990	7,390	8,430	9,460	11.2	
05397600	Big Sandy Creek near Wausau, Wis.	.146	460	782	1,020	1,360	1,640	1,940	21.9	
05398000	Wisconsin River at Rothschild, Wis.	-.736	27,300	38,300	44,400	50,800	54,900	58,500	9.9	A
		-.651	27,700	38,300	44,300	50,800	54,900	58,600	7.4	B
05399000	Big Eau Pleine River near Colby, Wis.	-.132	2,640	4,530	5,970	7,950	9,530	11,200	33.7	
05399200	Marsh Creek tributary near Abbotsford, Wis.	-.313	124	223	296	395	471	550	26.3	
05399500	Big Eau Pleine River near Stratford, Wis.	-.222	8,120	13,800	18,000	23,600	28,000	32,500	14.1	
05400025	Johnson Creek near Knowlton, Wis.	.274	1,030	1,570	1,980	2,570	3,050	3,580	27.8	

Table 4. Flood discharges at selected recurrence intervals and WRC skew for gaging stations in Wisconsin--Continued

Station number	Station name	WRC skew	Discharge for indicated recurrence interval						SE ₁₀₀	Remarks ¹
			2	5	10	25	50	100		
05400500	Plover River near Stevens Point, Wis.	0.052	738	1,040	1,245	1,515	1,720	1,930	21.7	
05400600	Little Plover River near Arnott, Wis.	-.473	40.7	60.8	73.3	88.1	98.5	108	20.3	
05400650	Little Plover River at Plover, Wis.	-.462	47.8	69.5	82.9	98.5	109	120	14.3	
05400760	Wisconsin River at Wisconsin Rapids, Wis.	-.694	37,600	52,600	61,100	70,200	76,000	81,100	8.0	A
		-.635	33,200	46,400	53,900	62,100	67,500	72,300	7.7	B
05401050	Tennile Creek near Nekoosa, Wis.	-.357	212	311	374	450	504	556	19.3	
05401100	Fourteenmile Creek near New Rome, Wis.	.044	239	323	379	449	502	554	16.2	
05401500	Wisconsin River near Necedah, Wis.	.210	34,400	55,200	71,500	95,100	115,000	136,000	27.7	A
		-.611	31,800	44,800	52,200	60,500	66,000	70,900	8.6	B
05401535	Big Roche a Cri Creek near Adams, Wis.	.205	167	251	313	398	468	542	26.4	
05401800	Yellow River tributary near Pittsville, Wis.	-.137	423	565	655	764	842	919	11.6	
05402000	Yellow River at Babcock, Wis.	-.715	4,970	7,380	8,780	10,300	11,300	12,200	11.5	
05402500	Yellow River at Sprague, Wis.	-.529	3,510	5,440	6,670	8,110	9,120	10,100	23.6	
05403000	Yellow River at Necedah, Wis.	-.650	5,980	9,180	11,110	13,310	14,780	16,120	20.6	
05403500	Lemonweir River at New Lisbon, Wis.	-.687	2,840	4,270	5,100	6,040	6,650	7,200	12.0	
05403520	Webster Creek at New Lisbon, Wis.	-.744	188	316	397	490	552	609	19.4	
05403550	Onemile Creek near Mauston, Wis.	-.251	534	1,060	1,490	2,110	2,620	3,170	26.5	
05403610	Wisconsin River tributary at Wisconsin Dells, Wis.	-.505	10.0	19.6	27.2	37.4	45.3	53.2	33.0	
05403630	Hulbert Creek near Wisconsin Dells, Wis.	.204	92.0	152	201	271	331	397	31.1	
05403700	Dell Creek near Lake Delton, Wis.	.014	329	567	755	1,020	1,250	1,490	23.6	
05404000	Wisconsin River near Wisconsin Dells, Wis.	-1.154	37,000	51,100	57,800	64,000	67,300	69,900	8.4	A
		-.762	34,000	47,800	55,400	63,400	68,500	72,900	7.7	B
			34,000	46,800	54,000	64,000	73,000	82,000	-	C
05404200	Narrows Creek at Loganville, Wis.	-.730	1,640	2,790	3,520	4,360	4,930	5,440	18.7	
05405000	Baraboo River near Baraboo, Wis.	-.459	2,950	4,540	5,550	6,770	7,630	8,450	11.7	
05405600	Rowan Creek at Poynette, Wis.	-.133	248	559	844	1,300	1,710	2,180	34.6	
05406000	Wisconsin River at Prairie du Sac, Wis.	-.396	34,500	49,500	58,900	69,900	77,600	85,000	23.7	A
		-.580	37,000	51,600	60,000	69,400	75,600	81,200	8.4	B
05406500	Black Earth Creek at Black Earth, Wis.	-.428	424	748	977	1,270	1,500	1,720	19.5	
05406800	Rocky Branch near Richland Center, Wis.	.098	128	272	408	632	841	1,090	35.8	
05407000	Wisconsin River at Muscoda, Wis.	-1.062	39,600	53,700	60,500	66,900	70,500	73,400	6.7	A
		-.728	36,100	49,600	57,000	64,900	69,900	74,200	7.2	B
05407100	Richland Creek near Plughtown, Wis.	-.123	719	1,540	2,270	3,400	4,390	5,520	31.7	
05407200	Crooked Creek near Boscobel, Wis.	-.102	404	834	1,210	1,790	2,290	2,860	31.0	
05407400	Morris Creek tributary near Norwalk, Wis.	-.591	376	694	918	1,200	1,400	1,600	27.6	
05408000	Kickapoo River at La Farge, Wis.	.117	2,760	4,700	6,250	8,500	10,410	12,510	18.2	
05408500	Knapp Creek near Bloomingdale, Wis.	-.122	537	1,100	1,580	2,320	2,950	3,660	42.3	
05408800	Bishops Branch near Viroqua, Wis.	-.354	1,060	2,630	4,070	6,320	8,270	10,400	61.1	
05409830	North Fork Nederlo Creek near Gays Mills, Wis.	.136	60.2	130	196	306	411	538	57.7	
05409890	Nederlo Creek near Gays Mills, Wis.	.122	324	1,060	2,000	3,990	6,270	9,460	93.3	
05410000	Kickapoo River at Gays Mills, Wis.	-.121	3,060	5,160	6,740	8,910	10,600	12,500	19.6	
05410490	Kickapoo River at Steuben, Wis.	.120	2,930	5,280	7,230	10,200	12,800	15,600	19.3	
05413400	Pigeon Creek near Lancaster, Wis.	.134	407	875	1,321	2,070	2,770	3,620	35.4	
05413500	Grant River at Burton, Wis.	-.421	6,210	12,000	16,400	22,400	27,000	31,700	18.3	
05414000	Platte River near Rockville, Wis.	-.172	4,140	7,800	10,700	14,900	18,400	22,100	18.8	
05414200	Bear Branch near Platteville, Wis.	-.357	377	661	866	1,140	1,340	1,550	21.0	
05414900	Pata Creek near Elk Grove, Wis.	.342	416	856	1,280	2,020	2,740	3,630	37.8	
05415000	Galena River at Buncombe, Wis.	.120	4,430	7,500	9,960	13,500	16,600	19,900	18.1	
05423000	West Branch Rock River near Waupun, Wis.	-.626	323	670	931	1,270	1,525	1,770	25.4	
05423300	South Branch Rock River tributary near Waupun, Wis.	-.512	163	378	559	818	1,025	1,240	36.8	
05423500	South Branch Rock River at Waupun, Wis.	-.501	420	869	1,220	1,700	2,070	2,440	31.5	
05423800	East Branch Rock River tributary near Slinger, Wis.	0.030	156	218	259	313	354	395	14.5	
05424000	East Branch Rock River near Mayville, Wis.	-.331	1,050	1,900	2,535	3,390	4,060	4,740	27.4	
05424300	Rock River tributary near Watertown, Wis.	-.705	108	191	246	311	356	397	24.1	
05425500	Rock River at Watertown, Wis.	-.215	2,020	3,040	3,730	4,610	5,260	5,910	12.3	
05425700	Robbins Creek at Columbus, Wis.	-.715	141	244	311	389	443	492	21.3	

Table 4. Flood discharges at selected recurrence intervals and WRC skew for gaging stations in Wisconsin--Continued

Station number	Station name	WRC skew	Discharge for indicated recurrence interval						SE ₁₀₀	Remarks ¹
			2	5	10	25	50	100		
05425827	Mauneeha River near Sun Prairie, Wis.	-.271	446	671	820	1,010	1,140	1,280	21.7	
05426000	Crawfish River at Milford, Wis.	-.512	2,280	3,350	4,010	4,770	5,280	5,770	10.1	
05426031	Rock River at Jefferson, Wis.	-.184	5,070	7,120	8,450	10,100	11,300	12,400	23.4	
05426100	Scuppernon Creek near Wales, Wis.	.051	97.0	127	147	171	189	207	14.6	
05427000	Whitewater Creek at Whitewater, Wis.	-.062	185	306	398	524	625	732	32.2	
05427200	Allen Creek near Fort Atkinson, Wis.	-.144	105	169	215	277	325	375	18.9	
05427570	Rock River at Indianford, Wis.	.082	5,960	7,880	9,140	10,700	11,900	13,100	17.8	
05427800	Token Creek near Madison, Wis.	-.286	223	406	545	735	886	1,040	24.5	
05427948	Pheasant Branch at Middleton, Wis.	-.456	260	467	616	808	951	1,090	32.3	
05427965	Spring Harbor Storm Sewer at Madison, Wis.	-.368	359	537	652	791	890	986	23.2	
05429500	Yahara River near McFarland, Wis.	-.043	407	518	588	671	731	789	7.3	
05430100	Badfish Creek near Stoughton, Wis.	-.502	460	677	810	965	1,070	1,170	24.7	
05430150	Badfish Creek near Cooksville, Wis.	-.376	593	764	863	974	1,050	1,120	15.7	
05430175	Yahara River near Fulton, Wis.	.105	1,460	2,030	2,420	2,940	3,330	3,730	24.2	
05430500	Rock River at Afton, Wis.	-.406	6,460	8,990	10,500	12,300	13,500	14,700	7.8	
05431486	Turtle Creek at Carvers Rock Road near Clinton, Wis.	-.166	1,890	3,530	4,840	6,700	8,240	9,890	19.4	
05432300	Rock Branch near Mineral Point, Wis.	.065	279	498	677	943	1,170	1,420	25.2	
05432500	Pecatonica River at Darlington, Wis.	-.050	3,320	6,330	8,850	12,600	15,800	19,400	21.2	
05433000	East Branch Pecatonica River near Blanchardville, Wis.	-.095	2,350	4,400	6,060	8,480	10,500	12,700	20.2	
05433500	Yellowstone River near Blanchardville, Wis.	-.756	1,410	3,100	4,360	5,970	7,130	8,230	27.2	
05434200	Skinner Creek tributary near Monroe, Wis.	-.463	42.0	75.0	98.4	128	151	173	25.2	
05434500	Pecatonica River at Martintown, Wis.	-.233	5,420	8,870	11,300	14,500	17,000	19,500	14.8	
05435900	Sugar River tributary near Pine Bluff, Wis.	-.201	146	265	356	485	588	696	24.4	
05436000	Mount Vernon Creek near Mount Vernon, Wis.	-.135	280	504	679	926	1,130	1,340	32.9	
05436200	Gill Creek near Brooklyn, Wis.	-.020	98.2	155	196	251	295	342	19.7	
05436500	Sugar River near Brodhead, Wis.	-.181	3,390	6,180	8,360	11,400	13,900	16,600	15.0	
05437200	East Fork Raccoon Creek tributary near Beloit, Wis.	-.305	131	274	393	565	708	862	28.1	
05543830	Fox River at Waukesha, Wis.	-.020	873	1,270	1,540	1,890	2,160	2,440	16.8	
05544200	Mukwonago River at Mukwonago, Wis.	-.273	208	252	277	305	324	341	11.3	
05544300	Mukwonago River tributary near Mukwonago, Wis.	-.567	29.5	50.4	64.3	81.3	93.4	105	23.3	
05545100	Sugar Creek at Elkhorn, Wis.	.168	132	230	310	430	534	650	26.6	
05545200	White River tributary near Burlington, Wis.	.038	96.4	154	197	256	304	355	19.7	
05545300	White River near Burlington, Wis.	-.198	808	1,300	1,650	2,110	2,470	2,830	21.0	
05546500	Fox River at Wilnot, Wis.	-.085	2,680	3,890	4,710	5,770	6,560	7,360	11.9	
05548150	North Branch Nippersink Creek near Genoa City, Wis.	-.219	170	241	286	342	383	422	14.2	

¹Remarks codes are defined as follows:

A--Flood frequency computed using all of the record at the site, including changing degrees of regulation, using stations skew. Presented for comparison only. These are not recommended values for any use.

B--Flood frequency computed using simulated flood peaks from Krug and House (1980) for 1915-76, and observed peaks for 1977-88 (if available), and using station skew. (Stations 05392000, 05401500, and 05406000 have no observed peaks after 1976.)

C--Flood frequency computed using simulated flood peaks from Krug and House (1980) for 1915-76, using joint probability analysis, provided by the U.S. Army Corps of Engineers.

D--Flood frequency computed using only the record since the last major reservoir was constructed upstream from the station, and using stations skew.

E--Flood frequency computed using annual maximum daily discharge rather than instantaneous peak discharge.

F--Flood frequency computed with record extended by correlation with station 05360000 Flambeau River near Ladysmith for 1927-51.

G--Flood frequency computed with record through 1990, with revised peak discharges for water years 1979-89, for a flood-insurance study, not used in regression analysis.

Table 5. Drainage-basin characteristics for rural gaging stations in Wisconsin

[mi², square miles; ft/mi, feet per mile; %, percent of drainage area; in/hr, inches per hour; in., inches; snow, mean annual snowfall; ft³/s, cubic feet per second]

Station number	Station name	Contributing drainage area (mi ²)	Slope (ft/mi)	Storage (%)	Forest (%)	2-year, 24-hour precipitation (in.)	Snow (in.)	Soil permeability (in/hr)	Q ₁₀₀ by regression (ft ³ /s)
04024400	Stony Brook near Superior, Wis.	1.86	56.3	0.0	51.8	2.55	51	0.12	666
04025200	Pearson Creek near Maple, Wis.	4.07	75.2	.0	39.6	2.53	57	.12	1,460
04025500	Bois Brule River near Brule, Wis.	118	3.60	15.4	85.0	2.55	55	2.98	1,940
04026200	Sand River tributary near Red Cliff, Wis.	1.09	204	1.75	98.0	2.50	70	.12	567
04026300	Sioux River near Washburn, Wis.	13.7	48.6	1.21	82.6	2.50	69	2.19	1,520
04026400	Spillerberg Creek near Cayuga, Wis.	6.59	11.5	39.4	81.4	2.53	59	1.65	244
04026450	Bad River near Mellen, Wis.	82.0	11.2	11.9	96.1	2.50	60	1.65	2,660
04026700	Trout Brook tributary near Marengo, Wis.	.66	179	.0	24.2	2.54	55	.12	432
04027000	Bad River near Odanah, Wis.	597	18.8	9.70	80.0	2.52	70	1.51	18,800
04027200	Pearl Creek at Grandview, Wis.	13.7	30.6	6.38	93.1	2.55	55	1.65	965
04027500	White River near Ashland, Wis.	301	19.1	13.1	80.0	2.53	56	2.18	8,690
04028000	Montreal River at Ironwood, Mich	61.4	8.62	15.7	81.1	2.49	100	1.65	2,010
04029700	Boomer Creek near Saxon, Wis.	5.33	84.6	13.1	84.1	2.49	100	1.65	617
04030000	Montreal River near Saxon, Wis.	264	18.6	15.9	82.1	2.49	100	1.65	8,990
04059900	Allen Creek tributary near Alvin, Wis.	1.02	12.0	5.60	81.2	2.41	70	4.18	15.0
04063640	North Branch Pine River at Windsor Dam near Alvin, Wis.	27.8	4.49	22.6	80.0	2.45	67	3.71	247
04063688	South Branch Popple River near Newald, Wis.	9.47	18.5	18.5	93.8	2.40	59	2.93	140
04063700	Popple River near Fence, Wis.	131	6.24	22.8	94.5	2.38	59	1.40	1,550
04063800	Woods Creek near Fence, Wis.	41.4	14.8	24.0	79.4	2.38	60	1.65	666
04066300	Cole Creek near Dunbar, Wis.	3.20	27.4	19.1	85.3	2.35	57	2.93	46.5
04066500	Pike River at Amberg, Wis.	255	12.6	17.2	86.0	2.38	57	3.68	1,700
04066700	McCall Creek at Wausaukee, Wis.	1.33	19.2	20.3	35.3	2.35	53	.50	80.7
04067760	Peshtigo River near Cavour, Wis.	150	4.40	23.5	80.7	2.42	55	1.45	1,880
04067800	Armstrong Creek near Armstrong Creek, Wis.	23.1	7.52	36.5	61.5	2.40	58	2.04	328
04069500	Peshtigo River at Peshtigo, Wis.	1,120	6.21	18.4	72.0	2.37	52	2.41	6,630
04069700	North Branch Oconto River near Wabeno, Wis.	34.1	10.0	15.5	71.9	2.42	51	1.65	608
04071000	Oconto River near Gillett, Wis.	878	7.50	16.8	88.0	2.41	48	2.26	5,540
04071700	North Branch Little River near Coleman, Wis.	23.3	10.6	15.8	26.2	2.37	47	.50	1,060
04071800	Pensaukee River near Pulaski, Wis.	41.8	11.0	6.53	3.50	2.42	46	.57	2,070
04073400	Bird Creek at Wautoma, Wis.	3.59	27.7	5.57	31.8	2.60	43	4.33	96.8
04073500	Fox River at Berlin, Wis.	1,430	.84	12.6	22.0	2.65	40	3.69	8,250
04074300	Mud Creek near Nashville, Wis.	9.05	6.87	37.9	90.1	2.64	43	2.91	173
04074700	Hunting River near Elcho, Wis.	9.00	6.09	29.2	80.1	2.48	50	1.48	211
04074850	Lily River near Lily, Wis.	45.6	10.1	18.8	85.1	2.44	49	2.50	604
04075200	Evergreen Creek near Langlade, Wis.	4.90	19.7	9.90	86.9	2.45	48	1.92	131
04075500	Wolf River above West Branch Wolf River near Keshena, Wis.	633	9.60	15.5	76.0	2.44	61	2.78	5,460
04077000	Wolf River at Keshena Falls near Keshena, Wis.	812	9.51	13.9	69.0	2.44	60	2.51	7,380
04078500	Embarrass River near Embarrass, Wis.	395	11.9	15.0	36.0	2.49	46	1.72	6,970
04079000	Wolf River at New London, Wis.	2,240	5.80	14.6	43.0	2.46	57	1.81	22,300
04079700	Spaulding Creek near Big Falls, Wis.	4.90	18.5	20.8	84.5	2.52	47	1.65	169
04080000	Little Wolf River at Royalton, Wis.	514	8.77	15.8	35.0	2.50	45	1.28	10,200
04081000	Waupaca River near Waupaca, Wis.	272	10.0	6.20	26.0	2.53	45	3.23	3,500
04081010	Waupaca River tributary near Waupaca, Wis.	1.00	30.4	1.00	4.00	2.50	43	.50	178
04081900	Sawyer Creek at Oshkosh, Wis.	12.0	11.0	.33	1.96	2.48	39	.12	3,320
04083000	West Branch Fond du Lac River at Fond du Lac, Wis.	83.1	6.86	9.20	6.44	2.52	39	.48	2,880
04083400	East Branch Fond du Lac River tributary near Eden, Wis.	.99	70.0	1.68	3.36	2.55	39	1.25	182
04083500	East Branch Fond du Lac River at Fond du Lac, Wis.	78.4	3.85	7.30	6.00	2.51	39	.70	2,150
04085030	Apple Creek near Kaukauna, Wis.	15.2	11.8	.0	1.99	2.45	45	.12	2,140
04085100	East River tributary at Greenleaf, Wis.	7.18	40.9	12.5	13.0	2.43	44	.69	622
04085200	Kewaunee River near Kewaunee, Wis.	127	10.5	.43	8.92	2.36	47	.36	8,720
04085300	Neshota River tributary near Denmark, Wis.	4.31	22.9	0.0	2.60	2.40	45	0.12	945
04085400	Killsnake River near Chilton, Wis.	29.4	9.23	1.42	5.39	2.46	42	.22	2,340
04085700	Sheboygan River tributary near Plymouth, Wis.	6.51	21.0	2.54	12.5	2.47	43	.39	713
04086000	Sheboygan River at Sheboygan, Wis.	418	4.63	9.60	13.0	2.47	41	.68	8,950
04086150	Milwaukee River at Kewaskum, Wis.	138	4.70	12.1	13.1	2.52	40	.61	3,440

Table 5. Drainage-basin characteristics for rural gaging stations in Wisconsin--Continued

Station number	Station name	Contributing drainage area (mi ²)	Slope (ft/mi)	Storage (%)	Forest (%)	2-year, 24-hour precipitation (in.)	Snow (in.)	Soil permeability (in/hr)	Q ₁₀₀ by regression (ft ³ /s)
04086200	East Branch Milwaukee River near New Fane, Wis.	54.1	3.44	15.1	27.1	2.52	41	1.06	1,180
04086340	North Branch Milwaukee River near Fillmore, Wis.	148	4.10	6.50	14.1	2.50	42	.86	3,730
04086360	Milwaukee River at Waubesa, Wis.	432	5.89	8.86	14.6	2.50	43	.86	9,790
04086400	Milwaukee River tributary near Fredonia, Wis.	.82	27.6	1.38	.19	2.50	43	.12	201
04086500	Cedar Creek near Cedarburg, Wis.	120	9.90	10.7	3.00	2.56	41	.64	4,090
04087000	Milwaukee River at Milwaukee, Wis.	696	5.32	9.90	12.0	2.52	41	.77	13,900
04087050	Little Menomonic River near Freistadt, Wis.	8.00	30.0	.75	7.16	2.55	43	.50	634
04087204	Oak Creek at South Milwaukee, Wis.	25.0	7.64	1.60	5.70	2.61	41	.50	955
04087230	West Branch Root River Canal tributary near North Cape, Wis.	3.19	21.4	2.04	2.55	2.65	42	.50	273
04087233	Root River Canal near Franklin, Wis.	57.0	6.58	1.20	1.90	2.64	41	.50	2,060
04087240	Root River at Racine, Wis.	183	2.16	1.70	3.50	2.65	40	.27	3,910
04087250	Pike Creek near Kenosha, Wis.	7.25	8.15	.97	.42	2.68	40	.80	376
05333100	Little Frog Creek near Minong, Wis.	13.0	28.5	27.7	92.3	2.60	47	1.77	609
05334100	Sawyer Creek near Shell Lake, Wis.	1.04	67.8	.96	16.8	2.64	44	1.65	196
05335380	Bashaw Brook near Shell Lake, Wis.	22.8	16.7	11.2	41.9	2.66	43	2.40	908
05340300	Trade River near Frederic, Wis.	6.34	53.8	11.2	44.2	2.66	43	1.65	1,080
05341700	Willow River tributary near New Richmond, Wis.	1.40	50.7	.0	7.14	2.75	40	1.65	248
05341900	Kinnickinnic River tributary at River Falls, Wis.	7.26	96.0	.0	3.17	2.78	40	.46	4,530
05346500	Little Trimbelle Creek near Bay City, Wis.	19.9	34.9	.0	17.6	2.80	40	1.24	2,910
05356200	Kenyon Creek near Radisson, Wis.	7.50	12.2	24.7	87.9	2.60	45	1.65	460
05357360	Bear River near Powell, Wis.	120	1.08	52.4	62.8	2.49	60	4.68	872
05357390	Weber Creek near Mercer, Wis.	7.10	14.6	10.8	90.3	2.48	80	1.65	413
05358100	Smith Creek near Park Falls, Wis.	9.46	12.8	20.3	63.9	2.53	44	.80	483
05359500	South Fork Flambeau River near Phillips, Wis.	615	3.69	33.3	72.6	2.54	48	2.02	6,490
05359600	Price Creek near Phillips, Wis.	16.9	5.14	39.7	95.3	2.58	45	1.74	362
05360200	Flambeau River tributary at Ladysmith, Wis.	.80	15.2	28.8	48.7	2.65	42	1.41	71.8
05361400	Hay Creek near Prentice, Wis.	21.9	15.6	24.8	61.6	2.56	45	.48	1,610
05361420	Douglas Creek near Prentice, Wis.	24.6	22.7	8.90	74.4	2.57	46	.80	1,350
05361600	North Fork Jump River near Phillips, Wis.	10.4	19.6	36.5	59.0	2.57	46	1.88	432
05362000	Jump River at Sheldon, Wis.	574	8.30	17.6	62.0	2.60	43	.63	42,700
05364000	Yellow River at Cadott, Wis.	351	5.96	14.1	63.0	2.63	41	.67	20,500
05364100	Seth Creek near Cadott, Wis.	3.04	43.8	.66	32.9	2.71	40	.50	1,090
05365000	Duncan Creek at Chippewa Falls, Wis.	114	6.75	1.60	11.0	2.62	38	2.01	3,510
05365700	Goggle-Eye Creek near Thorp, Wis.	6.70	20.0	6.42	16.9	2.68	41	.20	2,610
05366000	Eau Claire River near Augusta, Wis.	506	7.40	5.70	45.0	2.69	43	1.72	17,100
05366500	Eau Claire River near Fall Creek, Wis.	758	6.36	4.40	43.5	2.71	42	1.77	22,200
05367030	Willow Creek near Eau Claire, Wis.	4.38	57.1	.0	9.80	2.76	40	2.69	559
05367480	East Branch Pine Creek tributary near Dallas, Wis.	3.85	52.4	.0	12.2	2.70	40	1.34	766
05367500	Red Cedar River near Colfax, Wis.	1,100	4.17	7.80	38.7	2.68	42	2.02	21,500
05367700	Lightning Creek at Almota, Wis.	19.8	17.1	5.56	8.14	2.70	42	.79	2,450
05368000	Hay River at Wheeler, Wis.	426	6.12	3.20	32.4	2.74	40	2.12	11,000
05369000	Red Cedar River at Menomonie, Wis.	1,760	4.33	6.00	35.0	2.70	40	2.20	32,500
05369800	Eau Galle River tributary near Hersey, Wis.	.65	68.2	.0	33.8	2.77	40	.63	291
05370600	Arkansas Creek tributary near Arkansas, Wis.	2.56	102	.0	27.3	2.82	40	1.32	570
05370900	Spring Creek near Durand, Wis.	6.49	79.6	.0	56.9	2.83	40	1.63	1,190
05371300	By Golly Creek near Nelson, Wis.	.28	270	.0	50.0	2.83	40	1.65	155
05371800	Buffalo River tributary near Osseo, Wis.	1.44	67.1	.0	44.4	2.77	46	2.50	187
05371920	Buffalo River near Mondovi, Wis.	279	7.15	.41	24.9	2.80	40	2.39	6,650
05372000	Buffalo River near Tell, Wis.	406	6.30	2.10	28.6	2.79	40	2.36	7,900
05378200	Eagle Creek near Fountain City, Wis.	26.8	40.9	.0	47.6	2.86	41	1.65	3,530
05378500	Trempealeau River at Dodge, Wis.	643	3.64	1.40	25.8	2.82	45	1.77	11,200
05380600	Black River tributary near Whittlesey, Wis.	2.12	18.6	8.50	31.6	2.61	45	.93	279
05380800	Poplar River near Owen, Wis.	157	7.04	4.17	22.2	2.65	47	.50	13,200
05380870	Cawley Creek near Neillsville, Wis.	38.6	17.2	.08	20.3	2.70	50	.50	6,420
05381000	Black River at Neillsville, Wis.	756	5.81	7.30	30.8	2.67	46	.62	44,000
05382000	Black River near Galesville, Wis.	2,120	5.51	8.20	43.7	2.75	50	2.15	46,400
05382200	French Creek near Ettrick, Wis.	14.3	33.8	.0	26.6	2.83	50	1.65	1,500
05382300	Beaver Creek tributary near Sparta, Wis.	1.72	66.2	.0	39.0	2.83	48	4.22	352
05382500	Little La Crosse River near Leon, Wis.	77.1	20.0	2.60	30.4	2.86	46	1.68	6,000
05383000	La Crosse River near West Salem, Wis.	398	6.98	3.10	31.9	2.85	48	2.99	13,100

Table 5. Drainage-basin characteristics for rural gaging stations in Wisconsin--Continued

Station number	Station name	Contributing drainage area (mi ²)	Slope (ft/mi)	Storage (%)	Forest (%)	2-year, 24-hour precipitation (in.)	Snow (in.)	Soil permeability (in/hr)	Q ₁₀₀ by regression (ft ³ /s)
05386300	Mormon Creek near La Crosse, Wis.	25.0	60.6	.0	36.0	2.89	47	1.65	5,030
05387100	North Fork Bad Axe River near Genoa, Wis.	80.9	27.3	.0	28.0	2.90	45	1.65	9,700
05388460	Du Charme Creek at Eastman, Wis.	.30	200	.0	30.0	3.00	43	1.65	436
05390140	Muskrat Creek at Conover, Wis.	10.2	8.45	4.47	92.3	2.44	78	3.37	126
05390240	Fourmile Creek near Three Lakes, Wis.	10.3	8.27	21.2	88.2	2.45	60	3.01	142
05391260	Gudegast Creek near Starks, Wis.	14.0	7.04	22.7	75.0	2.46	55	4.04	151
05391950	Squaw Creek near Harrison, Wis.	3.23	17.9	13.9	82.8	2.50	49	2.50	83.8
05392150	Mishonagon Creek near Woodruff, Wis.	13.9	6.77	26.2	82.4	2.48	60	6.22	113
05392350	Bearskin Creek near Harshaw, Wis.	19.6	6.48	28.7	69.3	2.54	48	6.27	173
05393500	Spirit River at Spirit Falls, Wis.	81.6	12.5	17.2	51.5	2.57	46	.85	3,270
05393640	Little Pine Creek near Irma, Wis.	22.0	24.0	9.55	79.9	2.52	49	3.30	409
05394000	New Wood River near Merrill, Wis.	82.2	14.7	14.5	84.2	2.55	48	.74	3,400
05394200	Devil Creek near Merrill, Wis.	9.58	10.5	2.48	26.4	2.57	50	.50	798
05394500	Prairie River near Merrill, Wis.	184	10.4	23.2	74.6	2.49	51	1.54	3,340
05395020	Lloyd Creek near Doering, Wis.	7.80	25.5	2.57	74.4	2.50	50	.71	496
05395100	Trappe River tributary near Merrill, Wis.	1.58	35.0	.0	34.5	2.53	50	.50	506
05396000	Rib River at Rib Falls, Wis.	303	11.8	6.80	55.4	2.59	47	.89	23,200
05396100	Pet Brook near Edgar, Wis.	6.86	54.5	.0	15.3	2.58	50	.42	3,110
05397500	Eau Claire River at Kelly, Wis.	375	8.28	11.4	45.2	2.50	50	1.28	7,340
05397600	Big Sandy Creek near Wausau, Wis.	11.5	20.3	.0	55.4	2.53	50	.47	2,390
05399000	Big Eau Pleine River near Colby, Wis.	78.1	9.29	3.80	17.4	2.61	49	.25	13,500
05399200	Marsh Cr tributary near Abbotsford, Wis.	.56	62.2	8.93	16.0	2.62	50	.25	459
05399500	Big Eau Pleine River near Stratford, Wis.	224	10.1	1.90	21.2	2.61	50	.31	33,200
05400025	Johnson Creek near Knowlton, Wis.	25.1	32.6	2.55	56.4	2.67	50	.41	7,610
05400500	Plover River near Stevens Point, Wis.	145	5.64	18.9	40.7	2.52	49	1.79	2,420
05400650	Little Plover River at Plover, Wis.	7.91	10.7	1.50	26.5	2.59	48	5.96	119
05401050	Tennile Creek near Nekoosa, Wis.	55.8	6.54	8.00	22.7	2.68	47	8.46	502
05401535	Big Roche A Cr Creek near Adams, Wis.	52.8	4.83	1.50	38.7	2.69	45	7.28	455
05401800	Yellow River tributary near Pittsville, Wis.	7.23	20.1	.30	27.5	2.66	50	.57	764
05402000	Yellow River at Babcock, Wis.	215	7.63	4.90	39.2	2.69	51	.77	13,800
05403000	Yellow River at Necedah, Wis.	491	6.07	9.40	48.7	2.70	49	1.68	14,800
05403500	Lemonweir River at New Lisbon, Wis.	507	3.65	15.6	44.2	2.76	47	2.88	7,340
05403520	Webster Creek at New Lisbon, Wis.	11.8	19.3	.0	41.7	2.78	45	1.64	641
05403550	Onemile Creek near Mauston, Wis.	30.2	15.9	.50	28.3	2.80	43	1.26	2,500
05403630	Hulbert Creek near Wisconsin Dells, Wis.	11.2	29.8	.09	44.3	2.55	42.3	1.65	462
05403700	Dell Creek near Lake Delton, Wis.	44.9	11.6	.94	28.5	2.79	43	2.40	1,290
05404200	Narrows Creek at Loganville, Wis.	40.1	29.1	.0	13.0	2.84	42	1.59	3,900
05405000	Baraboo River near Baraboo, Wis.	609	2.02	.60	28.8	2.82	43	1.48	10,300
05405600	Rowan Creek at Poyntette, Wis.	10.4	30.4	.30	8.90	2.75	38	1.42	1,030
05406500	Black Earth Creek at Black Earth, Wis.	42.8	9.42	.20	21.8	2.80	38	1.52	1,560
05406800	Rocky Branch near Richland Center, Wis.	1.68	100	.0	40.9	2.90	41	1.65	705
05407100	Richland Creek near Plughtown, Wis.	19.2	51.8	.0	35.9	2.96	42	1.65	6,610
05407200	Crooked Creek near Boscobel, Wis.	12.9	51.1	.0	35.1	2.99	41	1.65	4,970
05407400	Morris Creek tributary near Norwalk, Wis.	4.59	126	.0	29.9	2.85	47	1.65	1,310
05408000	Kickapoo River at La Farge, Wis.	266	9.13	.10	34.0	2.86	46	1.63	11,500
05410500	Kickapoo River at Steuben, Wis.	690	4.30	0.30	37.2	2.90	43	1.51	23,200
05413400	Pigeon Creek near Lancaster, Wis.	6.93	49.8	.0	1.62	3.02	41	1.65	3,440
05413500	Grant River at Burton, Wis.	269	9.73	.0	22.1	3.03	41	1.65	35,100
05414000	Platte River near Rockville, Wis.	142	11.5	.0	22.3	3.02	39	1.65	21,000
05414200	Bear Branch near Platteville, Wis.	2.72	60.2	.0	1.07	3.01	40	1.65	1,620
05414900	Pats Creek near Elk Grove, Wis.	8.50	26.9	.0	4.00	3.01	39	1.65	2,820
05415000	Galena River at Buncombe, Wis.	125	11.3	.0	4.10	3.00	36	1.62	16,700
05423000	West Branch Rock River near Waupun, Wis.	40.7	9.58	10.0	1.57	2.53	39	.96	1,490
05423300	South Branch Rock River tributary near Waupun, Wis.	12.6	13.8	14.5	1.18	2.58	39	1.00	1,030
05423500	South Branch Rock River at Waupun, Wis.	63.6	8.33	8.20	1.50	2.57	38	1.51	2,590
05423800	East Branch Rock River tributary near Slinger, Wis.	4.42	74.2	.99	7.56	2.58	41	.80	527
05424000	East Branch Rock River near Mayville, Wis.	181	3.21	3.80	10.6	2.54	40	.79	4,550
05424300	Rock River tributary near Watertown, Wis.	4.58	13.2	.0	4.58	2.65	39	.56	403
05425500	Rock River at Watertown, Wis.	969	1.38	12.1	9.10	2.59	38	.99	4,850
05425700	Robbins Creek at Columbus, Wis.	8.01	21.0	1.99	3.86	2.70	38	1.65	468

Table 5. Drainage-basin characteristics for rural gaging stations in Wisconsin--Continued

Station number	Station name	Contributing drainage area (mi ²)	Slope (ft/mi)	Storage (%)	Forest (%)	2-year, 24-hour precipitation (in.)	Snow (in.)	Soil permeability (in/hr)	Q ₁₀₀ by regression (ft ³ /s)
05425827	Maunasha River near Sun Prairie, Wis.	26.0	12.9	.87	3.45	2.55	40	1.47	841
05426000	Crawfish River at Milford, Wis.	762	2.50	11.1	7.40	2.67	38	1.18	6,190
05426100	Scuppernong Creek near Wales, Wis.	5.69	21.1	13.1	12.7	2.64	41	2.67	167
05427200	Allen Creek near Fort Atkinson, Wis.	10.2	15.5	4.11	3.24	2.75	38	2.98	393
05427800	Token Creek near Madison, Wis.	24.3	8.53	1.24	3.43	2.75	38	1.65	966
05430100	Badfish Creek near Stoughton, Wis.	39.8	8.01	1.78	4.40	2.80	38	1.92	1,400
05430500	Rock River at Afton, Wis.	3,340	.74	11.4	7.90	2.80	37	1.20	15,800
05432300	Rock Branch near Mineral Point, Wis.	4.83	80.1	.0	6.42	2.93	38	.98	1,880
05432500	Pecatonica River at Darlington, Wis.	273	8.25	.0	11.7	2.97	38	1.57	23,100
05433000	East Branch Pecatonica River near Blanchardville, Wis.	221	8.25	.10	17.2	2.90	37	.68	12,300
05433500	Yellowstone River near Blanchardville, Wis.	28.5	26.4	.0	7.00	2.94	35	.51	5,110
05434200	Skinner Creek tributary near Monroe, Wis.	.48	136	.0	.0	2.90	37	.12	285
05434500	Pecatonica River at Martintown, Wis.	1,030	2.27	.30	11.5	2.90	36	1.08	23,500
05435900	Sugar River tributary near Pine Bluff, Wis.	7.42	43.9	.0	10.8	2.82	38	.42	912
05436000	Mount Vernon Creek near Mount Vernon, Wis.	16.4	25.0	.0	13.0	2.85	37	.36	1,680
05436200	Gill Creek near Brooklyn, Wis.	3.34	57.3	.0	5.69	2.84	37	1.65	619
05436500	Sugar River near Brodhead, Wis.	523	3.18	.90	12.0	2.90	36	1.08	15,700
05437200	East Fork Raccoon Creek tributary near Beloit, Wis.	4.64	24.3	.0	3.85	2.85	36	.78	703
05543830	Fox River at Waukesha, Wis.	126	6.73	5.20	6.70	2.62	42	.56	2,790
05544300	Mukwonago River tributary near Mukwonago, Wis.	1.32	21.1	.0	4.55	2.68	42	3.75	103
05545100	Sugar Creek at Elkhorn, Wis.	6.68	12.0	3.60	4.04	2.75	41	.36	474
05545200	White River tributary near Burlington, Wis.	2.42	34.8	.83	2.48	2.72	42	1.08	288
05545300	White River near Burlington, Wis.	97.5	15.1	15.4	13.3	2.74	41	.81	2,800
05546500	Fox River at Wilmot, Wis.	868	1.11	7.80	10.0	2.70	41	.74	6,370
05548150	North Branch Nippersink Creek near Genoa City, Wis.	13.5	12.8	3.80	1.67	2.76	41	2.75	487

Table 6. Annual peak data at gaging stations

[Gage height, in feet; discharge, in cubic feet per second; --, data not available; <, less than]

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04024400							
Station name		Stony Brook near Superior, Wis.					
Location		Lat 46°35'01", long 92°07'10", in SE 1/4 sec.4, T.47 N., R.14 W., Douglas County, at box culvert on State Highway 35, 12.5 mi south of toll bridge on U.S. Highways 2 and 35 at St. Louis River at Superior.					
1959	5/31/59	11.02	35	1974	6/10/74	16.16	243
1960	4/23/60	13.71	140	1975	7/02/75	17.83	285
1961	4/16/61	14.24	165	1976	4/02/76	18.60	300
1962	5/23/62	17.59	280	1977	9/23/77	14.49	177
1963	6/25/63	10.80	30	1978	8/23/78	19.60	320
1964	9/07/64	17.30	275	1979	5/10/79	17.21	270
1965	9/30/65	12.55	90	1980	9/03/80	19.30	315
1966	7/08/66	26.60	460	1981	4/22/81	15.33	215
1967	6/14/67	15.04	200	1982	7/06/82	17.00	265
1968	6/06/68	13.46	128	1983	3/06/83	16.63	255
1969	10/9/68	12.40	85	1984	6/10/84	15.20	210
1970	4/20/70	18.00	285	1985	9/02/85	35.23	595
1971	4/09/71	14.26	165	1986	8/07/86	16.03	240
1972	9/20/72	26.63	460	1987	10/12/86	12.87	105
1973	3/12/73	13.14	115	1988	3/24/88	12.40	85
Station number 04024430							
Station name		Nemadji River near South Superior, Wis.					
Location		Lat 46°38'00", long 92°05'38", in SW 1/4 sec.14, T.48 N., R.14 W., Douglas County, Hydrologic Unit 04010301, on right bank at downstream side of bridge on County Trunk Highway C, 2.0 mi south of South Superior and 7.8 mi downstream from Black River.					
1974	6/11/74	21.61	5,770	1982	4/17/82 ¹	19.41	4,740
1975	4/24/75	20.40	4,850	1983	7/04/83 ¹	20.53	5,950
1976	3/31/76	21.73	5,880	1984	6/11/84	20.62	6,060
1977	9/25/77	19.22	4,150	1985	9/03/85	23.82	10,400
1978	8/24/78	20.08	4,220	1986	4/29/86 ¹	22.29	8,840
1979	5/10/79	22.83	10,700	1987	11/8/86	12.96	1,810
1980	9/04/80	18.65	3,620	1988	5/10/88	19.10	4,500
1981	6/15/81	20.38	5,580				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04025200							
Station name		Pearson Creek near Maple, Wis.					
Location		Lat 46°38'51", long 91°42'55", on common boundary of secs.11 and 14, T.48 N., R.11 W., Douglas County, at box culvert on State Highway 13, 4.0 mi north of Maple.					
1957	7/20/57	22.65	1,030	1973	8/08/73	12.29	230
1958	7/02/58	25.71	1,190	1974	6/10/74	12.17	220
1959	9/07/59	12.31	230	1975	7/02/75	11.67	185
1960	9/02/60	14.13	400	1976	4/02/76	12.62	255
1961	5/15/61	14.25	415	1977	9/04/77	12.04	215
1962	5/15/62	29.60	1,360	1978	4/06/78	14.03	375
1963	4/02/63	11.04	150	1979	7/03/79	20.80	930
1964	9/07/64	23.21	1,060	1980	9/03/80	17.00	670
1965	4/13/65	14.07	380	1981	--	--	<90
1966	4/01/66	12.04	210	1982	7/07/82	13.45	320
1967	3/31/67	13.73	340	1983	3/06/83	11.97	205
1968	6/06/68	12.72	260	1984	6/10/84	13.20	300
1969	4/08/69	12.98	280	1985	9/02/85	31.83	1,440
1970	4/20/70	13.24	310	1986	9/19/86	12.31	230
1971	4/09/71	14.59	420	1987	10/12/86	12.46	240
1972	9/20/72	19.45	850	1988	9/20/88	12.78	265
Station number 04025500							
Station name		Bois Brule River near Brule, Wis.					
Location		Lat 46°32'16", long 91°35'43", in NW 1/4 SW 1/4 sec.23, T.47 N., R.10 W., Douglas County, Hydrologic Unit 04010301, on right bank, 1.4 mi southwest of Brule Post Office, 1.4 mi downstream from Nebagamom Creek, and 1.7 mi upstream from Little Bois Brule River.					
1943	6/14/43	3.10	450	1965	4/18/65	4.09	855
1944	6/05/44	5.20	1,520	1966	3/17/66	3.35	549
1945	3/27/45	3.10	501	1967	3/31/67	4.31	963
1946	3/21/46	2.70	415	1968	4/23/68	2.90	428
1947	4/23/47	2.70	387	1969	4/14/69 ¹	4.09	903
1948	4/11/48	2.90	565	1970	5/21/70 ¹	3.14	482
1949	5/06/49	3.90	870	1971	4/12/71	4.27	943
1950	5/06/50	4.70	1,270	1972	4/20/72	4.05	822
1951	6/24/51	3.66	779	1973	3/28/73 ¹	2.79	391
1952	7/18/52	4.22	1,020	1974	6/10/74	3.31	563
1953	6/20/53	4.78	1,320	1975	4/22/75	3.26	519
1954	5/01/54	4.40	1,120	1976	4/06/76 ¹	3.78	714
1955	7/30/55	2.65	394	1977	9/06/77	2.82	398
1956	4/16/56	2.93	482	1978	8/23/78	3.90	766
1957	4/20/57	3.02	513	1979	5/10/79	4.51	969
1958	7/01/58	3.80	832	1980	4/08/80 ¹	2.39	296
1959	6/29/59	2.46	339	1981	3/29/81 ¹	3.27	522
1960	4/23/60	4.20	1,020	1984	5/09/84	3.44	580

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04025500--Continued							
1961	5/15/61	4.00	923	1985	9/03/85 ¹	4.16	803
1962	5/15/62	3.68	779	1986	5/13/86	4.57	976
1963	4/02/63	2.30	305	1987	10/14/86 ¹	2.53	320
1964	5/06/64	2.92	487	1988	4/09/88 ¹	3.37	547

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 04026200

Station name Sand River tributary near Red Cliff, Wis.

Location Lat 46°53'53", long 90°56'47", in NE 1/4 sec.14, T.51 N., R.5 W., Bayfield County, at box culvert on State Highway 13, 8.0 mi northwest of Red Cliff.

1959	4/---/59	10.86	90	1974	4/17/74	11.34	120
1960	4/24/60	10.56	68	1975	4/19/75	10.90	90
1961	4/16/61	11.40	125	1976	4/02/76	10.93	95
1962	5/23/62	10.34	58	1977	4/21/77	10.63	75
1963	4/02/63	10.47	65	1979	5/10/79	11.86	155
1964	5/23/64	16.86	624	1980	5/10/80	11.55	135
1966	4/08/66	10.43	64	1981	4/23/81	12.24	190
1967	3/30/67	11.84	158	1982	7/07/82	11.90	160
1968	6/06/68	10.56	68	1983	4/13/83	12.64	218
1969	4/12/69	10.46	65	1984	6/10/84	11.26	115
1970	4/20/70	11.68	140	1985	5/12/85	11.72	145
1971	4/09/71	11.39	125	1986	3/31/86	12.72	223
1972	8/16/72	14.27	360	1987	8/18/87	13.80	333
1973	8/07/73	10.49	65	1988	5/09/88	12.41	200

Station number 04026300

Station name Sioux River near Washburn, Wis.

Location Lat 46°41'20", long 90°57'02", in NE 1/4 sec.35, T.49 N., R.5 W., Bayfield County, on County Trunk Highway C, 2.5 mi west of Washburn.

1959	5/26/59	11.05	310	1974	6/10/74	13.73	770
1960	4/24/60	17.48	1,620	1975	4/27/75	11.22	320
1961	6/12/61	11.74	430	1976	4/05/76	11.54	365
1962	5/23/62	13.85	820	1977	4/21/77	12.34	495
1963	4/02/63	11.46	380	1978	8/23/78	13.38	695
1964	5/23/64	17.50	1,630	1979	5/10/79	11.90	425
1965	4/19/65	10.73	260	1980	9/03/80	12.15	470
1966	3/17/66	12.47	525	1981	4/23/81	10.92	275
1967	3/30/67	12.85	580	1982	9/10/82	12.83	580
1968	3/18/68	10.95	280	1983	4/13/83	12.62	550
1969	10/9/68	11.94	435	1984	6/10/84	15.99	1,260
1970	4/20/70	11.57	370	1985	9/02/85	29.45	2,200
1971	4/09/71	12.80	580	1986	6/12/86	10.79	225
1972	8/22/72	16.67	1,420	1987	10/12/86	11.09	305
1973	8/08/73	11.35	340	1988	5/09/88	10.02	170

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04026400							
Station name		Spillerberg Creek near Cayuga, Wis.					
Location		Lat 46°11'48", long 90°37'32", in NW 1/4 sec.21, T.43 N., R.2 W., Ashland County, at concrete culvert pipe on State Highway 13, 4.2 mi southeast Cayuga.					
1958	7/02/58	13.86	157	1970	4/20/70	11.20	48
1959	5/---/59	10.87	35	1971	4/09/71	12.46	97
1960	9/01/60	12.32	84	1972	8/16/72	12.68	105
1961	5/14/61	11.11	44	1973	3/11/73	11.29	50
1962	5/18/62	11.07	43	1974	4/17/74	12.15	90
1963	4/02/63	11.18	47	1975	5/20/75	12.10	84
1964	4/13/64	12.03	78	1976	4/02/76	12.06	82
1965	4/15/65	11.98	76	1977	9/04/77	12.04	81
1966	4/19/66	11.34	53	1978	8/23/78	15.57	170
1967	6/14/67	12.20	84	1979	5/10/79	13.06	120
1968	5/16/68	11.48	58	1980	9/03/80	12.09	83
1969	4/12/69	12.14	85	1981	6/14/81	14.24	162
Station number 04026450							
Station name		Bad River near Mellen, Wis.					
Location		Lat 46°16'14", long 90°42'26", in NE 1/4 NW 1/4 sec.26, T.44 N., R.3 W., Ashland County, on left bank 150 ft downstream from bridge on U.S. Forest Service Road, 4.4 mi southeast of Mellen.					
1971	4/17/71	6.36	1,360	1980	9/03/80	3.64	470
1972	7/23/72	7.61	2,130	1981	6/14/81	6.17	1,290
1973	3/29/73	4.17	620	1982	7/11/82	3.90	539
1974	6/11/74	4.86	886	1984	4/12/84	4.62	746
1975	4/24/75	5.49	1,030	1985	9/03/85	6.72	1,500
1976	3/31/76	4.50	710	1986	3/31/86	4.52	717
1977	8/31/77	4.58	735	1987	7/10/87	2.58	220
1978	8/23/78	4.85	815	1988	10/21/87	4.47	704
1979	5/10/79	6.15	1,280				
Station number 04026700							
Station name		Trout Brook tributary near Marengo, Wis.					
Location		Lat 46°23'04", long 90°47'04", in NE 1/4 sec.7, T.45 N., R.3 W., Ashland County, at box culvert on State Highway 13, 2.6 mi southeast of Marengo.					
1960	4/24/60	11.99	192	1971	4/09/71	10.40	74
1961	4/16/61	11.49	154	1972	8/16/72	11.60	160
1962	8/31/62	10.00	48	1973	5/02/73	10.72	95
1963	4/02/63	11.41	148	1974	6/10/74	12.06	195
1964	5/06/64	13.23	295	1975	4/28/75	10.40	74
1965	5/21/65	10.00	48	1976	4/02/76	11.35	144
1966	6/06/66	10.47	80	1977	8/31/77	14.00	305

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04026700--Continued							
1967	3/30/67	12.22	210	1978	8/23/78	11.10	120
1968	7/12/68	12.77	255	1979	5/10/79	12.92	260
1969	9/15/69	10.10	55	1980	5/11/80	10.40	74
1970	5/21/70	10.50	80	1981	--	--	<50
Station number 04026870							
Station name		Alder Creek near Upson, Wis.					
Location		Lat 46°23'09", long 90°24'30", in SE 1/4 SE 1/4 sec.7, T.45 N., R.1 E., Iron County on right bank 10 ft upstream from State Highway 122 bridge and 1.0 mi north of Upson.					
1974	6/11/74	6.57	431	1977	9/ 1/77	6.26	346
1975	4/24/75	6.73	482				
Station number 04027000							
Station name		Bad River near Odanah, Wis.					
Location		Lat 46°29'15", long 90°41'45", in SE 1/4 sec.2, T.46 N., R.3 W., Ashland County, Hydrologic Unit 04010302, Bad River Indian Reservation, on left bank just downstream from Elm Hoist bridge, 5.0 mi downstream from Potato River, 8.5 mi south of Odanah, and 23 mi from mouth.					
1915	5/16/15	--	3,900	1966	3/18/66	10.65	7,110
1916	4/22/16	--	12,200	1967	4/02/67	14.50	11,000
1917	4/21/17	--	4,060	1968	5/16/68	8.84	4,840
1918	6/01/18	--	8,590	1969	4/10/69 ¹	11.43	8,240
1919	4/10/19	--	6,680	1970	4/10/70	7.98	3,990
1920	3/24/20	--	8,230	1971	4/12/71	13.08	10,700
1921	4/28/21	--	8,010	1972	7/23/72	12.10	9,250
1949	7/04/49	--	16,500	1973	3/15/73	11.20	8,000
1950	5/06/50	14.00	11,700	1974	6/11/74	11.36	8,190
1951	4/29/51	14.30	12,200	1975	4/24/75	10.25	6,550
1952	4/19/52	13.90	11,500	1976	3/30/76 ¹	12.12	9,910
1953	7/01/53	15.50	13,800	1977	8/31/77	11.35	7,380
1954	5/01/54	16.05	14,600	1978	4/10/78	10.56	7,170
1955	4/10/55	10.18	6,770	1979	4/21/79	12.00	8,180
1956	5/14/56	9.29	5,500	1980	4/08/80	9.78	5,580
1957	4/20/57	9.55	5,930	1981	3/30/81	11.52	7,580
1958	7/02/58	10.00	6,410	1982	4/17/82	12.20	8,480
1959	6/01/59	7.24	3,480	1983	11/21/82	11.16	7,150
1960	4/24/60	21.70	27,700	1984	4/13/84	10.49	6,350
1961	5/16/61	9.70	6,670	1985	9/30/85	10.34	6,170
1962	5/14/62	8.34	4,970	1986	4/01/86	14.66	11,500
1963	4/02/63	10.10	7,190	1987	10/12/86	7.69	3,510
1964	5/06/64	11.90	9,660	1988	4/07/88 ¹	10.53	6,360
1965	4/23/65	10.23	6,520				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04027200							
Station name		Pearl Creek at Grandview, Wis.					
Location		Lat 46°22'05", long 91°05'27", in NE 1/4 sec.22, T.45 N., R.6 W., Bayfield County, at box culvert on U.S. Highway 63, 0.8 mi east of Grandview.					
1960	4/24/60	12.99	278	1975	4/28/75	10.81	105
1961	5/14/61	11.59	165	1976	4/02/76	11.83	180
1962	5/23/62	12.63	250	1977	8/31/77	12.50	235
1963	4/02/63	10.52	85	1978	3/28/78	11.47	155
1964	5/06/64	12.90	270	1979	5/10/79	11.88	185
1965	4/16/65	11.88	190	1980	--	--	<60
1966	6/06/66	11.80	180	1981	5/14/81	11.45	155
1967	3/30/67	12.74	260	1982	5/12/82	10.80	105
1968	3/18/68	10.69	100	1983	7/03/83	11.57	165
1969	4/12/69	11.63	170	1984	6/08/84	14.09	385
1970	5/29/70	11.00	120	1985	9/03/85	12.18	208
1971	4/09/71	12.50	240	1986	3/31/86	14.75	320
1972	8/16/72	15.99	540	1987	5/22/87	11.04	120
1973	3/11/73	12.20	210	1988	9/20/88	10.98	115
1974	6/10/74	11.03	120				
Station number 04027500							
Station name		White River near Ashland, Wis.					
Location		Lat 46°29'50", long 90°54'15", in NE 1/4 sec.6, T.46 N., R.4 W., Ashland County, Hydrologic Unit 04010302, at downstream end of powerplant of Lake Superior District Power Co., 0.3 mi downstream from bridge on State Highway 112 over dam, and 4.5 mi south of Ashland city limits.					
1949	5/05/49	5.53	3,720	1969	4/10/69	3.80	1,960
1950	4/17/50	5.26	3,480	1970	5/21/70	3.12	1,370
1951	7/04/51	5.29	3,480	1971	4/11/71	4.90	3,060
1952	6/24/52	7.10	5,390	1972	8/20/72	6.80	5,050
1953	7/01/53	7.90	6,270	1973	3/15/73	3.46	1,650
1954	5/01/54	5.60	3,800	1974	6/10/74	3.16	1,400
1955	4/01/55	3.80	2,200	1975	4/19/75	2.82	1,400
1956	4/03/56	3.90	2,060	1976	3/30/76 ¹	4.36	2,750
1957	3/30/57	2.66	1,010	1977	9/04/77	3.77	1,930
1958	7/01/58	3.20	1,430	1978	8/23/78	7.32	5,660
1959	6/28/59	2.56	940	1979	6/10/79	5.12	3,020
1960	4/24/60	6.40	4,630	1980	3/30/80	3.31	1,220
1961	5/15/61	3.73	1,900	1981	3/29/81	3.66	1,700
1962	5/23/62	4.70	2,860	1982	3/30/82	4.51	2,630
1963	3/29/63	4.50	2,660	1983	10/7/82	3.39	1,450
1964	5/06/64	5.04	3,200	1984	6/08/84	5.43	3,840
1965	4/12/65	4.80	2,960	1985	9/03/85	5.45	3,870
1966	3/17/66	4.00	2,160	1986	3/31/86	6.11	4,960
1967	3/30/67	6.00	4,210	1987	5/21/87	5.30	3,660
1968	4/21/68	3.00	1,270	1988	4/07/88	4.64	2,810

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Table 6. Annual peak data on gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04028000							
Station name		Montreal River at Ironwood, Mich.					
Location		Lat 46°27'00", long 90°10'40", in sec.24, T.46 N., R.2 E., Iron County, at downstream side of main highway bridge on State line between Hurley, Wis., and Ironwood, Mich., 8 mi upstream from West Branch of Montreal River.					
1918	6/02/18	3.20	610	1951	6/25/51	4.20	1,110
1919	4/12/19	3.20	610	1952	4/19/52	5.10	1,810
1920	6/30/20	3.90	960	1953	5/21/53	4.16	1,110
1921	4/05/21	3.90	960	1954	5/02/54	4.15	1,080
1922	4/10/22	3.80	910	1960	4/24/60	--	3,400
1925	4/23/25	2.40	255	1962	4/23/62	9.62	1,510
1950	5/06/50	4.70	1,490				
Station number 04029000							
Station name		West Fork Montreal River at Gile, Wis.					
Location		Lat 46°25'35", long 90°13'35", in NW 1/4 NE 1/4 sec.34, T.46 N., R.2 E., Iron County, immediately below outlet structure of Gile Reservoir, at Gile and 4 mi upstream from mouth.					
1918	5/28/18	5.65	490	1925	3/27/25	--	270
1919	4/12/19	--	780	1943	4/22/43	5.70	1,030
1920	3/27/20	--	850	1944	6/07/44	6.40	1,220
1921	4/06/21	--	900	1945	6/14/45	5.58	1,000
1922	4/10/22	--	1,270	1946	6/28/46	--	975
1923	4/21/23	--	1,550	1947	6/15/47	--	553
1924	4/18/24	--	990				
Station number 04029700							
Station name		Boomer Creek near Saxon, Wis.					
Location		Lat 46°29'40", long 90°21'02", in N 1/2 sec.3, T.46 N., R.1 E., Iron County, at concrete culvert pipe on U.S. Highway 2, 3.0 mi east of Saxon.					
1958	8/30/58	12.81	48	1969	4/09/69	15.22	270
1959	9/15/59	12.87	78	1970	4/09/70	13.58	134
1960	4/24/60	16.60	349	1971	4/09/71	14.00	180
1961	4/16/61	13.91	130	1972	8/16/72	14.60	205
1962	5/15/62	13.37	120	1973	11/3/72	13.57	124
1963	4/30/63	11.41	19	1977	9/04/77	11.19	48
1964	5/24/64	15.80	300	1978	4/13/78	12.70	120
1965	5/08/65	13.89	170	1979	6/07/79	13.11	195
1966	6/06/66	12.83	75	1980	5/11/80	11.93	105
1967	7/23/67	12.47	53	1981	6/14/81	12.98	180
1968	3/19/68	14.30	200				

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04029990							
Station name		Montreal River at Saxon Falls near Saxon, Wis.					
Location		Lat 46°32'13", long 90°17'47", in SW 1/4 NW 1/4 sec.21, T.47 N., R.1 E., Iron County, Hydrologic Unit 04010302, at Saxon Falls powerhouse, 3.4 mi northeast of Saxon, and 3.8 mi upstream from mouth.					
1987	10/13/86	--	1,080	1988	4/05/88	--	2,630
Station number 04030000							
Station name		Montreal River near Saxon, Wis.					
Location		Lat 46°32'41", long 90°24'06", in NW 1/4 sec.23, T.48 N., R.49 W., Michigan meridian, Gogebic County, on right bank 2.0 mi upstream from mouth and 3.5 mi north of Saxon.					
1939	4/26/39 ¹	5.88	4,200	1955	5/02/55 ¹	5.16	3,100
1940	5/20/40	6.24	4,650	1956	4/11/56 ¹	5.20	3,160
1941	8/31/41	6.25	4,650	1957	4/20/57	5.03	2,920
1942	7/18/42	6.93	5,700	1958	4/15/58	5.27	3,260
1943	10/3/42	5.54	3,680	1959	4/08/59	4.15	1,700
1944	6/05/44	5.60	3,750	1960	4/24/60	7.50	6,600
1945	3/18/45	4.94	2,800	1961	11/2/60 ¹	4.74	2,490
1946	6/25/46	6.62	5,250	1962	5/13/62 ¹	4.11	1,650
1947	4/23/47 ¹	4.48	2,140	1963	4/03/63 ¹	5.07	2,970
1948	3/26/48 ¹	4.82	2,300	1964	4/14/64	6.60	5,250
1949	7/06/49	5.41	3,460	1965	4/23/65	4.89	2,710
1950	5/06/50	5.42	3,460	1966	4/21/66	4.69	2,420
1951	4/29/51	6.53	5,100	1967	3/31/67	6.74	4,920
1952	4/20/52	6.25	4,650	1968	5/16/68	4.18	1,740
1953	6/21/53	6.07	4,500	1969	4/10/69	5.79	4,120
1954	5/01/54	6.10	4,500	1970	4/09/70	4.34	1,930
¹ Annual peak gage height occurred at a time different than the annual peak discharge.							
Station number 04059900							
Station name		Allen Creek tributary near Alvin, Wis.					
Location		Lat 45°58'05", long 88°47'24", on north boundary sec.7, T.40 N., R.14 E., Forest County, at culvert on State Highway 70, 2.2 mi southeast of Alvin.					
1960	5/17/60	10.65	10	1975	4/18/75	10.51	9
1961	7/30/61	10.23	6	1976	5/16/76	10.20	6
1962	9/10/62	10.15	5	1977	8/31/77	10.75	12
1964	8/01/64	10.00	4	1978	8/23/78	10.51	9
1965	5/08/65	10.51	9	1979	6/17/79	10.66	11
1966	8/07/66	10.32	7	1980	9/22/80	10.89	14
1967	9/15/67	10.45	8	1981	6/14/81	11.01	17
1968	6/30/68	10.44	8	1982	5/05/82	10.93	15
1969	7/15/69	10.50	9	1983	5/22/83	11.38	23
1970	5/31/70	10.25	6	1984	10/8/83	10.71	12

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 04059900--Continued

1971	10/28/70	10.37	7	1985	9/24/85	11.02	17
1972	8/16/72	10.46	8	1986	6/12/86	10.69	12
1973	4/16/73	10.51	9	1987	7/09/87	11.18	20
1974	4/13/74	10.32	7	1988	4/02/88	11.17	19

Station number 04061000

Station name Brule River near Florence, Wis.

Location Lat 45°57'31", long 88°15'57", in SE 1/4 SE 1/4 sec.11, T.41 N., R.32 W., Michigan Meridian, Iron County, Hydrologic Unit 04030106, on left bank 40 ft upstream from highway bridge, 1.0 mi upstream from Paint River, 2.5 mi north of Florence, and 5.0 mi upstream from confluence with Michigamme River.

1914	5/01/14	4.60	2,050	1966	4/21/66	3.44	1,070
1915	5/09/15	0.00	1,150	1967	4/10/67	4.36	2,010
1945	4/25/45	3.83	1,260	1968	7/01/68	4.03	1,640
1946	6/26/46	4.93	2,480	1969	4/14/69	4.06	1,680
1947	4/25/47	3.73	1,270	1970	6/01/70	4.12	1,740
1948	4/25/48	2.98	712	1971	4/14/71	4.32	1,960
1949	5/07/49	3.13	811	1972	4/03/72	4.65	2,320
1950	5/07/50	4.81	2,290	1973	3/16/73	4.05	1,660
1951	4/13/51	4.82	2,290	1974	4/19/74	3.38	1,020
1952	7/24/52	4.66	2,110	1975	4/25/75	4.60	2,340
1953	7/02/53	6.57	4,700	1976	4/11/76	3.65	1,260
1954	4/28/54	4.92	2,510	1977	9/01/77	3.15	850
1955	4/11/55	3.89	1,490	1978	8/24/78	3.12	829
1956	7/09/56	3.53	1,150	1979	4/23/79	4.78	2,470
1957	4/21/57	3.23	881	1980	9/23/80	3.83	1,430
1958	7/02/58	3.77	1,360	1981	6/16/81	4.44	2,090
1959	9/29/59	3.99	1,580	1982	4/18/82	3.70	1,360
1960	4/26/60	4.78	2,470	1983	5/23/83	3.95	1,650
1961	3/28/61	0.00	1,200	1984	5/01/84	3.54	1,160
1962	4/24/62	3.48	1,190	1985	4/21/85	3.77	1,370
1963	5/09/63	3.26	978	1986	4/02/86	4.59	2,260
1964	5/25/64	3.42	1,060	1987	10/13/86	3.29	953
1965	5/09/65	4.65	2,320	1988	4/07/88	3.47	1,100

Station number 04063000

Station name Menominee River near Florence, Wis.

Location Lat 45°57'04", long 88°11'13", in NE 1/4 sec.16, T.41 N., R.31 W., Michigan Meridian, Iron County, Hydrologic Unit 04030108, on left bank 0.5 mi downstream from confluence of Brule and Michigamme Rivers, 3.5 mi northeast of Florence, and at mile 117.

1915	5/11/15	0.00	4,290	1952	4/21/52	9.77	10,400
1916	4/23/16	0.00	16,700	1953	7/02/53	13.81	18,800

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04063000--Continued							
1917	4/22/17	0.00	8,740	1954	4/28/54	10.92	12,900
1918	6/02/18	0.00	5,230	1955	4/16/55	9.44	9,520
1919	4/13/19	0.00	7,080	1956	7/11/56	7.67	6,350
1920	3/28/20	0.00	7,920	1957	4/22/57	6.33	4,240
1921	4/29/21	0.00	13,100	1958	7/01/58	10.12	11,100
1922	4/11/22	0.00	9,560	1959	9/29/59	8.57	7,860
1923	4/23/23	0.00	10,000	1960	4/26/60	14.15	19,500
1924	5/17/24	0.00	5,050	1961	5/15/61	8.84	8,480
1925	4/25/25	0.00	3,500	1962	4/30/62	6.10	4,050
1926	4/23/26	0.00	7,280	1963	6/03/63	5.99	3,770
1927	3/19/27	0.00	7,400	1964	5/26/64	6.90	5,100
1928	5/06/28	0.00	10,600	1965	5/11/65	11.86	14,500
1929	4/09/29	0.00	13,500	1966	6/09/66	7.35	5,790
1930	5/08/30	0.00	7,290	1967	4/20/67	10.36	11,600
1931	4/23/31	0.00	2,270	1968	9/10/68	8.42	7,640
1932	8/31/32	0.00	5,380	1969	4/16/69	7.80	6,530
1933	4/21/33	0.00	11,200	1970	6/02/70	10.23	11,300
1934	5/03/34	0.00	10,000	1971	4/18/71	9.79	10,200
1935	4/28/35	0.00	5,600	1972	5/04/72	9.35	9,500
1936	5/04/36	0.00	7,770	1973	5/03/73	9.81	10,400
1937	4/27/37	0.00	8,530	1974	4/23/74	6.27	4,160
1938	4/01/38	0.00	11,900	1975	4/25/75	8.72	8,240
1939	4/28/39	0.00	10,600	1976	4/22/76	9.83	10,500
1940	5/02/40	0.00	9,630	1977	4/23/77	6.35	4,270
1941	4/15/41	0.00	4,100	1978	9/18/78	6.76	4,870
1942	6/07/42	0.00	5,460	1980	9/23/80	7.38	5,840
1943	6/18/43	0.00	10,100	1981	6/15/81	10.89	12,600
1944	6/07/44	0.00	6,090	1982	5/09/82	9.21	9,220
1945	5/24/45	0.00	6,540	1983	6/05/83	8.65	8,100
1946	6/26/46	0.00	7,950	1984	11/25/83	6.93	5,120
1947	4/25/47	0.00	5,320	1985	4/23/85	10.61	12,000
1948	4/29/48	0.00	4,590	1986	4/07/86	9.79	10,200
1949	7/08/49	0.00	6,630	1987	10/12/86	5.79	3,410
1950	5/08/50	11.52	14,300	1988	4/07/88	6.67	4,610
1951	4/13/51	10.46	12,100				
Station number 04063640							
Station name		North Branch Pine River at Windsor Dam near Alvin, Wis.					
Location		Lat 45°55'43", long 88°51'38", in SE 1/4 sec.21, T.40 N., R.13 E., Forest County, at bridge on country road, at Windsor Dam, 3.8 mi upstream from confluence of North and South Branches, 4.0 mi southwest of Alvin.					
1967	4/18/67	3.17	112	1980	4/09/80	3.89	165
1970	5/30/70	2.65	75	1981	6/14/81	2.63	73

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04063640--Continued							
1971	4/15/71	3.11	107	1982	7/10/82	2.49	63
1972	4/28/72	2.80	85	1983	5/22/83	2.62	72
1973	5/02/73	2.67	75	1984	4/30/84	2.55	68
1974	4/13/74	3.15	110	1985	7/05/85	2.35	54
1975	6/17/75	2.63	72	1986	3/31/86	2.58	70
1976	4/02/76	2.76	84	1987	10/12/86	2.30	48
1977	8/31/77	2.95	96	1988	4/02/88	2.30	48
Station number 04063688							
Station name		South Branch Popple River near Newald, Wis.					
Location		Lat 45°44'42", long 88°35'31", in NW 1/4 sec.26, T.38 N., R.15 E., Florence County, at corrugated twin barrel culverts on U.S. Forest Service Road 2159, 5.4 mi east of Newald.					
1970	5/22/70	11.54	40	1980	6/26/80	12.72	68
1971	4/15/71	12.81	71	1981	5/14/81	12.43	61
1972	8/16/72	11.92	48	1982	7/10/82	11.68	43
1973	10/3/72	12.24	56	1983	5/22/83	12.05	52
1974	9/10/74	11.31	35	1984	10/12/83	11.61	41
1975	6/17/75	12.36	59	1985	6/09/85	11.73	44
1976	5/16/76	11.89	48	1986	3/31/86	12.04	52
1977	3/29/77	11.09	31	1987	9/17/87	11.22	33
1978	8/23/78	12.15	54	1988	9/03/88	11.89	48
1979	6/17/79	12.41	60				
Station number 04063700							
Station name		Popple River near Fence, Wis.					
Location		Lat 45°45'49", long 88°27'47", in NW1/4 sec.23, T.38 N., R.16 E., Florence County, Hydrologic Unit 04030108, on left bank 20 ft upstream from bridge on U.S. Forest Service Road 2159, 1.8 mi downstream from Mud Creek, 2.6 mi northwest of Fence, and 11.5 mi upstream from mouth.					
1964	8/03/64	2.69	433	1977	4/20/77	2.87	487
1965	5/10/65	4.17	1,100	1978	9/16/78	2.80	455
1966	4/22/66	2.93	522	1979	4/25/79	4.52	1,640
1967	4/12/67	3.67	862	1980	10/24/79	3.01	555
1968	9/11/68	3.23	664	1981	6/16/81	3.61	906
1969	4/16/69	3.47	772	1982	4/26/82 ¹	2.93	515
1970	6/03/70	2.89	476	1983	5/24/83	3.25	690
1971	4/20/71	3.59	825	1984	5/02/84	2.74	497
1972	5/02/72	4.14	1,120	1985	4/24/85	3.22	695
1973	3/18/73	3.38	700	1986	4/07/86	3.95	1,100
1974	4/18/74	--	600	1987	10/14/86	2.74	474
1975	4/25/75	3.79	1,020	1988	4/08/88	2.94	563
1976	4/22/76	3.41	786				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04063800							
Station name		Woods Creek near Fence, Wis.					
Location		Lat 45°49'53", long 88°23'17", in SE 1/4 sec.29, T.39 N., R.17 E., Florence County, at box culvert on State Highway 101, 6.0 mi north of Fence.					
1958	7/02/58	9.95	130	1974	4/24/74	10.42	160
1959	9/27/59	10.52	170	1975	4/24/75	11.57	258
1960	5/08/60	11.65	275	1976	5/16/76	11.17	185
1961	4/16/61	11.86	295	1977	4/13/77	11.11	180
1962	5/13/62	10.35	155	1978	8/23/78	10.49	130
1963	3/25/63	10.45	160	1979	4/21/79	11.80	260
1964	8/01/64	10.00	130	1980	4/08/80	11.97	280
1965	5/07/65	15.80	853	1981	6/14/81	11.42	215
1966	4/17/66	11.62	170	1982	4/06/82	11.19	190
1967	3/30/67	11.83	190	1983	5/22/83	11.25	195
1968	9/09/68	11.22	160	1984	4/30/84	10.88	160
1969	4/10/69	10.68	130	1985	6/09/85	11.17	180
1970	5/31/70	10.59	125	1986	3/30/86	11.82	310
1971	9/30/71	11.28	190	1987	10/12/86	10.75	150
1972	5/01/72	11.90	305	1988	4/03/88	11.05	200
1973	5/02/73	11.25	190				
Station number 04064500							
Station name		Pine River below Pine River Powerplant near Florence, Wis.					
Location		Lat 45°50'16", long 88°13'31", in SW 1/4 sec.22, T.39 N., R.18 E., Florence County, on left bank 60 ft upstream from bridge on County Trunk Highway N, 1.9 mi downstream from powerplant of Wisconsin-Michigan Power Co., 6.0 mi south of Florence, and 7.0 mi downstream from Popple River.					
1924	5/11/24	--	1,870	1950	5/09/50	--	2,900
1925	6/05/25	--	1,320	1951	4/13/51	--	3,440
1926	5/03/26	--	1,840	1952	4/21/52	--	2,440
1927	3/18/27	--	1,740	1953	7/02/53	--	2,090
1928	5/05/28	--	2,730	1954	4/28/54	--	2,420
1929	4/09/29	--	4,380	1955	4/14/55	--	2,340
1930	4/19/30	--	1,220	1956	7/09/56	--	1,340
1931	9/28/31	--	819	1957	4/21/57	--	1,440
1932	5/11/32	--	1,380	1958	7/05/58	--	1,600
1933	5/19/33	--	2,070	1959	9/30/59	--	1,760
1934	5/03/34	--	1,600	1960	5/07/60	--	3,220
1935	6/21/35	--	1,490	1961	5/16/61	--	1,720
1936	5/08/36	--	1,960	1962	4/28/62	--	1,730
1937	4/27/37	--	2,110	1963	5/11/63	--	1,300
1938	3/31/38	--	2,590	1964	5/01/64	--	1,280
1939	4/26/39	--	2,380	1965	5/08/65	--	4,300
1940	5/22/40	--	1,910	1966	4/21/66	--	1,580
1941	9/01/41	--	2,160	1967	4/18/67	--	2,800

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04064500--Continued							
1942	7/18/42	--	3,230	1968	7/01/68	--	2,220
1943	6/18/43	--	2,410	1969	4/15/69	6.40	2,290
1944	5/15/44	--	1,460	1970	6/02/70	6.04	2,020
1945	3/28/45	--	1,680	1971	4/19/71	7.13	2,780
1946	6/27/46	--	1,830	1972	5/02/72	8.46	4,000
1947	5/03/47	--	1,440	1973	5/08/73 ¹	6.45	2,300
1948	4/28/48	--	866	1974	4/22/74 ¹	5.12	1,490
1949	7/07/49	--	1,460	1975	4/23/75	7.71	3,250

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 04064800

Station name Little Popple River near Aurora, Wis.

Location Lat 45°47'34", long 88°11'40", in SW 1/4 sec.1, T.38 N., R.18 E., Florence County, at 3-barrel corrugated culvert on County Trunk Highway N, 5.5 mi west of Aurora.

1970	5/31/70	15.50	760	1980	4/08/80	12.82	340
1971	4/12/71	12.90	364	1981	6/14/81	14.01	480
1972	4/25/72	13.15	395	1982	7/10/82	12.78	330
1973	3/15/73	13.62	475	1983	5/22/83	13.04	360
1974	9/10/74	12.01	220	1984	11/17/83	12.58	305
1975	4/23/75	14.13	590	1985	7/06/85	12.44	285
1976	5/16/76	14.12	580	1986	3/30/86	15.57	530
1977	4/13/77	11.79	190	1987	10/11/86	12.25	260
1978	8/23/78	11.76	185	1988	4/03/88	11.84	200
1979	4/21/79	13.80	455				

Station number 04066000

Station name Menominee River below Pemene Creek near Pembine, Wis.

Location Lat 45°35'56", long 87°46'32", in sec.16, T.37 N., R.28 W., Michigan Meridian, Menominee County, Mich., on left bank 0.6 mi upstream from Pemene Creek, 4.0 mi west of Nathan, Mich., 15 mi southeast of Pembine, and at mile 65.8.

1950	5/10/50	11.60	20,500	1967	4/20/67	10.52	16,900
1951	4/14/51	11.84	21,100	1968	9/11/68 ¹	8.84	12,400
1952	4/22/52 ¹	10.50	17,100	1969	4/16/69 ¹	8.60	11,900
1953	7/03/53	13.06	25,500	1970	6/02/70	10.66	17,200
1954	4/29/54	11.36	19,800	1971	4/19/71	10.20	15,800
1955	4/17/55	9.82	15,100	1972	5/01/72	--	18,000
1956	7/12/56	6.68	7,840	1973	5/10/73	--	16,000
1957	4/23/57 ¹	7.23	9,100	1974	4/23/74	12.30	8,640
1958	7/02/58 ¹	9.15	13,200	1975	4/25/75	15.30	17,200
1959	9/30/59 ¹	7.63	9,720	1976	4/23/76	14.75	15,700
1960	5/08/60	13.90	26,900	1977	4/22/77	11.36	7,720
1961	5/16/61 ¹	8.76	12,200	1978	8/29/78	11.32	7,620

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04066000--Continued							
1962	5/01/62 ¹	6.83	8,160	1979	4/27/79	15.40	17,300
1963	5/13/63 ¹	5.80	6,370	1980	9/23/80	12.26	9,670
1964	5/26/64	7.02	8,340	1981	6/16/81	15.84	18,500
1965	5/11/65	12.10	21,500	1982	5/09/82	13.56	12,500
1966	4/23/66	7.49	9,480				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 04066300

Station name Cole Creek near Dunbar, Wis.

Location Lat 45°37'42", long 88°06'09", on south boundary sec.34, T.37 N., R.19 E., Marinette County, at culvert on U.S. Highway 8, 3.6 mi southeast of Dunbar.

1960	5/07/60	11.60	56	1971	9/30/71	10.50	20
1961	4/16/61	10.60	21	1972	4/25/72	10.45	18
1962	5/13/62	10.64	22	1973	3/15/73	10.63	24
1963	3/25/63	10.68	24	1974	9/10/74	10.50	20
1964	4/29/64	10.31	14	1975	4/24/75	10.54	21
1965	5/07/65	10.69	24	1976	5/16/76	10.40	17
1966	4/20/66	10.20	12	1977	9/19/77	10.30	15
1967	3/30/67	10.80	27	1978	11/3/77	10.30	15
1968	6/12/68	10.10	10	1979	4/21/79	10.82	30
1969	4/10/69	10.60	24	1980	4/08/80	10.50	20
1970	5/31/70	11.00	35	1981	6/14/81	10.82	30

Station number 04066500

Station name Pike River at Amberg, Wis.

Location Lat 45°29'50", long 87°59'37", in SW 1/4 sec.15, T.35 N., R.20 E., Marinette County, on left bank 0.1 mi upstream from Chicago, Milwaukee, St. Paul, and Pacific Railroad bridge, 0.2 mi south of Amberg, and 1.2 mi downstream from confluence of North and South Branches.

1914	7/14/14	--	1,220	1943	4/10/43	4.10	837
1915	4/11/15	--	778	1944	4/25/44	3.70	691
1916	6/03/16	--	1,200	1945	3/20/45	4.60	1,060
1917	6/08/17	--	1,160	1946	3/17/46	4.10	837
1918	5/28/18	--	862	1947	4/07/47	4.79	1,160
1919	4/12/19	--	1,040	1948	3/26/48 ¹	3.51	619
1920	3/27/20	--	1,450	1949	7/05/49	4.10	800
1921	3/21/21	--	1,750	1950	4/19/50	5.51	1,450
1922	4/10/22	--	2,800	1951	4/09/51	6.50	1,980
1923	4/21/23	--	1,950	1952	7/22/52	4.77	1,080
1924	5/11/24	--	1,250	1953	3/25/53 ¹	4.25	860
1925	4/24/25	--	582	1954	4/28/54	4.85	1,120
1926	4/23/26	--	778	1955	4/15/55	4.23	852
1927	3/18/27	--	1,040	1956	8/05/56	4.24	856

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04066500--Continued							
1928	4/05/28	--	947	1957	4/21/57	4.75	1,080
1929	4/08/29	--	1,250	1958	7/06/58	4.27	788
1930	4/19/30	--	582	1959	9/23/59	3.73	664
1931	5/11/31	--	376	1960	5/07/60	7.00	2,290
1932	4/10/32	--	1,410	1961	5/09/61	3.83	687
1933	6/07/33	--	1,480	1962	5/15/62	5.06	1,230
1934	4/10/34	--	1,160	1963	5/11/63	3.53	598
1935	3/25/35	4.20	920	1964	4/30/64	3.88	716
1936	4/15/36	3.90	785	1965	5/18/65	5.08	1,240
1937	4/26/37	4.30	970	1966	3/19/66	3.80	676
1938	3/31/38	5.80	1,600	1967	4/03/67	4.95	1,140
1939	6/13/39	5.70	1,730	1968	6/28/68	4.22	851
1940	5/21/40	3.90	763	1969	6/28/69	4.69	1,070
1941	9/01/41	4.50	1,010	1970	6/02/70	5.68	1,530
1942	4/06/42	4.20	875				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 04066700

Station name McCall Creek at Wausaukee, Wis.

Location Lat 45°21'37", long 87°57'16", in NW 1/4 sec.1, T.33 N., R.20 E., Marinette County, at culvert on U.S. Highway 141, 1.0 mi south of Wausaukee.

1959	9/22/59	11.51	24	1970	5/21/70	10.60	6
1960	4/13/60	11.93	32	1971	9/30/71	10.70	8
1961	4/21/61	11.61	25	1972	8/08/72	11.10	16
1962	5/13/62	10.61	6	1973	3/13/73	11.85	30
1963	5/10/63	10.20	1	1974	10/11/73	10.96	13
1964	4/29/64	11.74	28	1975	4/22/75	10.80	10
1965	5/08/65	10.40	3	1976	4/02/76	11.99	33
1966	7/03/66	10.47	4	1977	4/13/77	11.38	21
1967	3/30/67	12.38	30	1978	4/07/78	10.30	2
1968	10/25/67	10.80	10	1979	4/12/79	10.86	11
1969	6/26/69	12.32	39	1980	4/05/80	11.28	19

Station number 04067000

Station name Menominee River below Koss, Mich.

Location Lat 45°21'16", long 87°38'55", in sec.9, T.34 N., R.27 W., Michigan Meridian, Menominee County, on left bank at powerplant of Wisconsin Public Service Corp., 0.5 mi upstream from Little Cedar River, 3.6 mi southeast of Koss, and at mile 24.7.

1908	5/01/08	0.00	14,600	1948	3/30/48	0.00	6,720
1914	5/03/14	0.00	20,800	1949	7/10/49	0.00	8,420
1915	4/13/15	0.00	8,650	1950	5/11/50	0.00	16,900
1916	4/23/16	0.00	23,200	1951	4/15/51	0.00	19,000
1917	4/24/17	0.00	13,800	1952	4/21/52	0.00	14,700

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04067000--Continued							
1918	5/30/18	0.00	15,000	1953	7/05/53	0.00	19,300
1919	4/14/19	0.00	14,100	1954	4/30/54	0.00	16,700
1920	3/29/20	0.00	21,800	1955	4/18/55	0.00	14,800
1921	4/30/21	0.00	20,300	1956	4/10/56	0.00	7,360
1922	4/12/22	0.00	20,500	1957	4/24/57	0.00	8,370
1923	4/23/23	0.00	18,700	1958	7/03/58	0.00	10,700
1924	5/11/24	0.00	11,800	1959	9/30/59	0.00	9,650
1925	4/29/25	0.00	4,310	1960	5/10/60	0.00	33,000
1926	4/27/26	0.00	10,900	1961	5/17/61	0.00	11,400
1927	3/20/27	0.00	13,500	1962	5/02/62	0.00	9,370
1928	5/08/28	0.00	16,900	1963	5/14/63	0.00	7,120
1929	4/11/29	0.00	19,700	1964	5/28/64	0.00	5,640
1930	4/21/30	0.00	9,380	1965	5/12/65	0.00	26,600
1931	4/25/31	0.00	4,060	1966	3/24/66	0.00	8,400
1932	4/12/32	0.00	11,100	1967	4/21/67	0.00	16,900
1933	4/23/33	0.00	14,700	1968	9/12/68	0.00	12,600
1934	4/11/34	0.00	13,400	1969	4/17/69	0.00	14,600
1935	3/28/35	0.00	13,600	1970	6/03/70	0.00	20,000
1936	5/09/36	0.00	13,000	1971	4/20/71	0.00	17,000
1937	4/29/37	0.00	13,800	1972	5/03/72	0.00	18,700
1938	4/02/38	0.00	20,700	1973	5/11/73	0.00	17,600
1939	5/30/39	0.00	16,900	1974	4/15/74	0.00	7,800
1940	5/24/40	0.00	13,700	1975	4/27/75	0.00	16,500
1941	9/02/41	0.00	9,180	1976	4/24/76	0.00	15,800
1942	4/19/42	0.00	10,800	1977	4/23/77	0.00	7,870
1943	6/20/43	0.00	18,900	1978	9/16/78	0.00	8,950
1944	5/16/44	0.00	8,380	1979	4/27/79	0.00	23,800
1945	3/23/45	0.00	10,800	1980	4/12/80	0.00	10,700
1946	3/19/46	0.00	10,900	1981	6/18/81	0.00	16,400
1947	5/04/47	0.00	8,870				

Station number 04067500

Station name Menominee River near McAllister, Wis.

Location Lat 45°19'33", long 87°39'48", in SW 1/4 SE 1/4 sec.17, T.33 N., R.23 E., Marinette County, Hydrologic Unit 04030108, on right bank 85 ft downstream from bridge on County Highway JJ, 2.9 mi downstream from Grand Rapids Dam, 2.6 mi east of McAllister, 1.9 mi downstream from Little Cedar River, and at mile 22.6.

1945	6/04/45	13.82	11,700	1966	4/23/66	13.73	12,400
1946	6/28/46	14.33	12,800	1967	4/21/67	16.92	22,500
1947	4/07/47	13.71	11,400	1969	4/17/69	15.11	16,500
1948	4/29/48	12.66	9,240	1970	6/03/70	17.16	23,300
1949	7/08/49	13.42	10,800	1971	4/19/71	16.63	21,500
1950	5/11/50	16.70	21,600	1972	5/03/72	17.27	23,600
1951	4/15/51	17.83	25,700	1973	5/11/73	16.65	21,600

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 04067500--Continued

1952	4/23/52	15.98	19,300	1974	4/15/74	13.96	13,000
1953	7/05/53	17.43	24,200	1975	4/26/75	16.82	22,200
1954	4/30/54	16.77	21,900	1976	4/02/76	15.60	18,000
1955	4/18/55	15.24	16,700	1978	9/16/78	13.64	12,200
1956	4/10/56	13.35	10,800	1980	4/11/80	14.65	12,500
1957	4/24/57	13.39	11,000	1981	6/18/81	17.23	19,800
1958	7/04/58	13.84	12,300	1982	5/10/82	14.89	12,700
1959	9/27/59	13.68	11,800	1983	5/26/83	15.58	14,600
1960	5/09/60	20.00	32,500	1984	5/03/84 ¹	13.62	9,550
1961	5/18/61	14.00	13,300	1985	4/25/85	16.62	17,800
1962	5/13/62	13.91	13,000	1986	4/08/86	17.95	22,300
1963	5/14/63	--	8,700	1987	10/14/86	13.22	8,740
1964	5/28/64	--	6,900	1988	4/07/88	--	9,800
1965	5/12/65	18.27	27,000				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 04067760

Station name Peshtigo River near Cavour, Wis.

Location Lat 45°39'20", long 88°38'52", in SW 1/4 sec.29, T.37 N., R.15 E., Forest County, at bridge on U.S. Highway 8, 0.7 mi northwest of Cavour.

1970	6/03/70	12.63	710	1980	4/09/80	13.04	830
1971	4/13/71	14.29	1,150	1981	6/14/81	14.68	1,320
1972	4/28/72	14.28	1,140	1982	5/06/82	12.17	610
1973	3/16/73	14.35	1,160	1983	5/22/83	13.49	960
1974	8/03/74	12.15	600	1984	4/30/84	12.59	710
1975	4/25/75	14.72	1,330	1985	5/26/85	12.57	700
1976	4/02/76	13.48	950	1986	3/30/86	14.68	1,330
1977	4/13/77	11.80	520	1987	10/12/86	12.89	790
1978	8/16/78	12.76	750	1988	4/03/88	12.90	790
1979	6/10/79	15.06	1,440				

Station number 04067800

Station name Armstrong Creek near Armstrong Creek, Wis.

Location Lat 45°39'29", long 88°28'44", in W 1/2 sec.27, T.37 N., R.16 E., Forest County, at bridge on U.S. Highway 8, 1.8 mi northwest of Armstrong Creek.

1958	9/--/58	10.04	90	1975	4/25/75	11.28	260
1959	9/29/59	9.52	53	1976	5/16/76	10.41	126
1960	5/07/60	11.05	215	1977	4/13/77	10.00	86
1961	5/08/61	9.80	72	1978	8/16/78	10.00	86
1962	5/13/62	10.18	100	1979	4/20/79	10.70	160
1963	3/25/63	10.04	90	1980	--	--	<70
1964	4/29/64	10.01	88	1981	6/14/81	11.27	260
1965	6/28/65	10.16	99	1982	7/11/82	10.06	94
1967	3/30/67	10.20	102	1983	5/23/83	10.14	98

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04067800--Continued							
1968	9/05/68	10.13	98	1984	6/27/84	10.04	91
1969	4/15/69	10.03	90	1985	6/09/85	10.12	97
1971	5/19/71	10.20	104	1986	3/30/86	10.62	152
1972	4/29/72	10.56	145	1987	10/13/86	10.23	106
1973	5/02/73	10.39	125	1988	--	--	<70
1974	4/12/74	9.92	81				
Station number 04068000							
Station name		Peshtigo River at High Falls near Crivitz, Wis.					
Location		Lat 45°16'50", long 88°12'00", in sec.1, T.32 N., R.18 E., Marinette County, at High Falls powerplant of Wisconsin Public Service Corp., 1 mi above Thunder River and 10 mi west of Crivitz.					
1913	4/21/13	--	2,480	1935	4/01/35	--	1,410
1914	5/02/14	--	2,070	1936	5/09/36	--	1,550
1915	4/12/15	--	1,310	1937	4/26/37	--	2,500
1916	6/05/16	--	2,850	1938	3/31/38	--	3,430
1917	6/09/17	--	2,590	1939	5/29/39	--	2,520
1918	5/31/18	--	2,140	1940	6/11/40	--	1,760
1919	4/12/19	--	2,290	1941	4/17/41	--	2,030
1920	4/03/20	--	1,830	1942	4/06/42	--	2,060
1921	4/29/21	--	3,430	1943	6/20/43	--	2,160
1922	4/11/22	--	3,670	1944	5/16/44	--	1,720
1923	4/26/23	--	2,330	1945	3/24/45	--	2,190
1924	5/15/24	--	2,430	1946	3/20/46	--	2,280
1925	4/28/25	--	1,200	1947	4/12/47	--	1,690
1926	4/27/26	--	1,980	1948	3/27/48	--	1,550
1927	3/21/27	--	1,790	1949	7/08/49	--	1,820
1928	9/15/28	--	2,510	1950	5/08/50	--	2,850
1929	4/09/29	--	3,380	1951	4/14/51	--	3,280
1930	8/20/30	--	1,440	1952	4/23/52	--	2,120
1931	11/20/30	--	905	1953	3/28/53	--	1,610
1932	4/12/32	--	1,270	1954	4/30/54	--	1,610
1933	4/21/33	--	1,470	1955	4/22/55	--	1,720
1934	4/16/34	--	1,320	1956	4/08/56	--	1,470
Station number 04069500							
Station name		Peshtigo River at Peshtigo, Wis.					
Location		Lat 45°02'49", long 87°44'40", in NE 1/4 sec.30, T.30 N., R.23 E., Marinette County, Hydrologic Unit 04030105, on left bank 75 ft downstream from Chicago and Northwestern Railway bridge, 0.5 mi downstream from Wisconsin Public Service Corp. powerplant at Peshtigo, and 11.5 mi upstream from mouth.					
1954	5/03/54	7.78	4,380	1972	5/03/72	9.52	5,920
1955	4/01/55	6.73	3,360	1973	5/30/73	10.79	7,550

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04069500--Continued							
1956	4/08/56	7.32	3,920	1974	4/14/74	7.46	3,960
1957	4/20/57	7.07	3,680	1975	4/20/75	8.73	5,130
1958	4/08/58	6.66	3,290	1976	3/27/76	9.92	6,380
1959	9/24/59	7.90	4,400	1977	3/14/77	6.40	3,110
1960	5/09/60	11.59	9,790	1978	4/12/78	6.55	3,230
1961	3/29/61	7.50	3,750	1979	4/27/79	8.93	5,330
1962	4/09/62	8.00	4,020	1980	4/10/80	8.53	4,780
1963	4/03/63	6.87	3,140	1981	6/18/81	8.43	4,670
1964	5/07/64	7.08	3,240	1982	4/02/82	7.63	4,030
1965	4/13/65	10.04	6,440	1983	5/27/83	8.11	4,410
1966	10/3/65	7.48	3,470	1984	5/02/84	6.49	3,220
1967	4/01/67	10.55	7,280	1985	3/29/85	7.20	3,720
1968	6/28/68	8.81	4,860	1986	4/08/86 ¹	8.83	5,030
1969	6/28/69	10.37	6,880	1987	10/16/86	5.94	2,840
1970	6/03/70	9.60	6,720	1988	3/30/88	6.52	3,240
1971	4/11/71	9.14	5,690				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 04069700

Station name North Branch Oconto River near Wabeno, Wis.

Location Lat 45°26'19", long 88°37'40", in SW 1/4 sec.9, T.34 N., R.15 E., Forest County, at pipe arch culvert on County Trunk Highway C, 0.6 mi east of intersection with State Highway 32 at Wabeno.

1970	5/22/70	11.15	70	1980	4/09/80	12.01	150
1971	4/12/71	12.61	210	1981	6/14/81	13.62	420
1972	4/29/72	12.02	150	1982	5/06/82	11.49	100
1973	3/15/73	12.61	228	1983	5/23/83	12.48	230
1974	4/12/74	11.47	97	1984	4/30/84	11.68	116
1975	4/23/75	12.52	238	1985	6/26/85	11.32	87
1976	4/02/76	11.70	118	1986	3/30/86	12.18	178
1977	4/13/77	10.85	56	1987	10/12/86	11.67	114
1978	7/22/78	10.90	63	1988	4/03/88	11.38	92
1979	4/14/79	10.76	59				

Station number 04071000

Station name Oconto River near Gillett, Wis.

Location Lat 44°51'53", long 88°18'00", in NW 1/4 sec.34, T.28 N., R.18 E., Oconto County, Hydrologic Unit 04030104, on left bank 300 ft upstream from County Trunk Highway BB bridge, 2.0 mi upstream from Christy Brook, 2.0 mi south of Gillett, and at mile 29.

1907	5/26/07	--	2,570	1950	4/21/50 ¹	3.87	2,060
1908	5/01/08	--	2,700	1951	4/14/51 ¹	6.02	4,050
1912	3/31/12	--	4,100	1952	4/02/52	9.95	4,000
1914	5/01/14	3.90	2,090	1953	3/23/53 ¹	7.75	5,630
1915	4/14/15	3.50	1,790	1954	5/01/54	3.11	1,520

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04071000--Continued							
1916	4/25/16	5.40	3,310	1955	4/15/55 ¹	3.18	1,570
1917	4/02/17	5.90	3,000	1956	4/08/56	8.73	3,000
1918	5/30/18	4.50	2,550	1957	4/23/57	3.05	1,480
1919	4/13/19	4.30	2,390	1958	4/10/58 ¹	3.08	1,500
1920	3/28/20	5.40	3,310	1959	4/07/59 ¹	5.31	3,400
1921	4/29/21	4.90	2,970	1960	5/10/60	6.37	4,340
1922	4/10/22	11.20	8,400	1961	3/30/61	7.69	3,000
1923	4/22/23	6.20	4,010	1962	4/11/62	3.75	2,030
1924	4/19/24	5.60	3,440	1963	3/30/63 ¹	3.40	1,750
1925	6/24/25	3.30	1,640	1964	5/12/64	3.51	1,840
1926	4/15/26	4.30	2,400	1965	4/13/65	8.37	4,200
1927	3/16/27	4.30	2,400	1966	6/08/66	3.63	1,880
1928	3/25/28	5.70	3,520	1967	3/31/67 ¹	5.83	3,580
1929	4/09/29	6.90	4,490	1968	6/30/68	4.79	2,750
1930	4/18/30	2.30	975	1969	6/29/69	5.72	3,300
1931	10/9/30	1.90	761	1970	6/04/70	4.14	2,170
1932	4/10/32	3.80	1,870	1971	4/09/71	7.20	3,900
1933	4/01/33	3.40	1,600	1972	4/23/72 ¹	5.44	3,100
1934	4/05/34	7.00	3,000	1973	3/10/73	9.08	4,900
1935	3/22/35	7.20	3,400	1974	4/15/74	4.08	2,150
1936	3/29/36	4.00	2,100	1975	4/26/75	4.43	2,390
1937	10/22/36	5.00	3,180	1976	4/01/76 ¹	5.02	2,820
1938	4/02/38	4.90	3,090	1977	3/14/77	--	1,600
1939	3/28/39 ¹	7.80	4,200	1978	4/12/78	3.70	1,950
1940	6/10/40 ¹	3.17	1,540	1979	4/22/79 ¹	4.43	2,420
1941	4/18/41 ¹	3.64	1,900	1980	4/11/80	4.24	2,270
1942	4/06/42 ¹	4.16	2,340	1981	4/07/81 ¹	3.69	1,870
1943	4/01/43 ¹	6.30	4,020	1982	4/01/82	6.24	2,400
1944	6/18/44	2.65	1,200	1983	3/10/83 ¹	3.66	1,860
1945	3/20/45 ¹	5.00	2,300	1984	5/03/84 ¹	3.58	1,810
1946	3/17/46	6.80	4,420	1985	11/1/84 ¹	3.71	1,900
1947	4/08/47	3.30	1,660	1986	3/29/86	--	3,000
1948	3/25/48	4.95	2,980	1987	10/3/86 ¹	2.84	1,300
1949	3/29/49 ¹	2.58	1,150	1988	4/07/88 ¹	3.10	1,470

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 04071700

Station name North Branch Little River near Coleman, Wis.

Location Lat 45°00'37", long 88°02'43", on common boundary of secs.2 and 3, T.29 N., R.20 E., Oconto County, at bridge on U.S. Highway 141, 3.8 mi south of Coleman.

1958	4/06/58	12.49	195	1974	4/13/74	12.25	170
1959	4/---/59	12.90	250	1975	4/20/75	13.40	330
1960	5/07/60	13.72	405	1976	3/30/76	14.12	520
1961	4/16/61	12.76	230	1977	4/13/77	11.48	94

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 04071700--Continued

1962	6/17/62	12.19	160	1978	4/10/78	12.59	210
1963	3/25/63	12.73	229	1979	6/17/79	13.59	395
1964	4/30/64	11.78	120	1980	4/09/80	13.76	410
1965	5/15/65	12.70	225	1981	4/04/81	12.99	260
1966	6/04/66	11.22	75	1982	3/19/82	12.91	250
1967	3/30/67	14.50	640	1983	3/27/83	12.45	190
1968	6/27/68	12.33	180	1984	10/12/83	12.43	189
1969	6/26/69	13.15	310	1985	3/26/85	13.36	325
1970	6/08/70	13.05	300	1986	3/25/86	13.57	390
1971	4/12/71	12.61	210	1987	3/30/87	11.55	100
1972	4/16/72	13.56	390	1988	3/29/88	11.91	130
1973	5/28/73	14.12	510				

Station number 04071800

Station name Pensaukee River near Pulaski, Wis.

Location Lat 44°45'48", long 88°15'07", in NE 1/4 sec.1, T.26 N., R.18 E., Shawano County, at bridge on State Highway 32, 6.1 mi north of Pulaski.

1961	3/27/61	12.98	490	1975	9/10/75	13.90	690
1962	4/05/62	13.04	500	1976	3/30/76	16.45	1,540
1963	3/24/63	14.26	785	1978	4/07/78	14.45	840
1964	5/09/64	11.70	290	1979	6/10/79	15.10	1,040
1965	4/11/65	15.29	1,100	1980	4/09/80	16.11	1,400
1966	3/23/66	13.15	520	1981	2/22/81	14.69	900
1967	3/29/67	17.00	1,600	1982	7/11/82	14.69	900
1968	6/26/68	13.48	595	1983	8/28/83	13.26	545
1969	6/26/69	15.05	1,020	1984	7/10/84	12.59	420
1970	5/31/70	13.56	610	1985	10/18/84	15.43	1,160
1971	4/14/71	15.92	1,330	1986	11/02/85	15.83	1,300
1972	4/22/72	13.59	620	1987	10/13/86	11.78	300
1973	5/28/73	17.10	1,700	1988	4/02/88	11.56	270
1974	3/05/74	12.70	440				

Station number 04071858

Station name Pensaukee River near Pensaukee, Wis.

Location Lat 44°49'08", long 87°57'12", in NW 1/4 NE 1/4 sec.16, T.27 N., R.21 E., Oconto County, Hydrologic Unit 04030103, on right bank 300 ft downstream from bridge on town road, 2.8 mi downstream from Brookside Creek, 2.6 mi west of Pensaukee, 3.5 mi upstream from mouth.

1973	5/29/73	12.97	3,880	1981	4/05/81 ¹	8.45	1,430
1974	4/13/74	6.61	853	1982	7/19/82 ¹	9.38	1,800
1975	4/13/75	9.18	1,620	1983	9/21/83 ¹	7.31	1,000
1976	3/27/76 ¹	10.45	2,320	1984	8/09/84 ¹	8.40	1,410
1977	3/29/77	4.96	382	1985	4/07/85	6.70	820
1978	4/11/78	9.30	1,770	1986	3/26/86	12.36	3,470

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04071858--Continued							
1979	3/31/79	13.58	4,310	1987	10/04/86 ¹	6.05	625
1980	4/09/80	11.76	3,110	1988	3/30/88 ¹	5.56	502
¹ Annual peak gage height occurred at a time different than the annual peak discharge.							
Station number 04072750							
Station name		Lawrence Creek near Westfield, Wis.					
Location		Lat 43°53'52", long 89°34'43", in SW 1/4 sec.32, T.17 N., R.8 E., Marquette County, on left bank 0.8 mi upstream from Lawrence Lake and 4.0 mi northwest of Westfield.					
1968	9/08/68	8.78	46	1971	9/30/71	8.95	53
1969	6/27/69	8.23	30	1972	8/26/72	8.75	66
1970	9/06/70	8.32	30	1973	3/07/73	9.03	95
Station number 04073050							
Station name		Grand River near Kingston, Wis.					
Location		Lat 43°41'09", long 89°05'09", between secs. 16 and 17, T.14 N., R.12 E., Green Lake County, on left bank just upstream of town road bridge, 1.3 mi upstream and east of Grand Lake and 2.3 mi east of Kingston.					
1968	6/27/68	3.13	128	1972	3/21/72	5.78	544
1969	6/27/69	5.80	406	1973	3/07/73	6.59	1,540
1970	6/02/70	--	250	1974	3/05/74	5.95	601
1971	3/19/71	5.78	404	1975	3/22/75	6.86	1,080
Station number 04073400							
Station name		Bird Creek at Wautoma, Wis.					
Location		Lat 44°06'00", long 89°18'00", in S 1/2 sec.34, T.19 N., R.10 E., Waushara County, at concrete culvert on State Highway 21, 0.2 mi west of Wautoma.					
1959	5/20/59	12.14	105	1974	3/03/74	12.31	115
1960	12/28/59	12.25	110	1975	4/28/75	11.68	75
1961	8/10/61	12.57	140	1976	3/19/76	11.09	48
1962	3/29/62	11.19	52	1977	3/29/77	11.03	46
1963	3/24/63	11.20	53	1978	9/12/78	11.47	68
1964	9/03/64	11.28	50	1979	3/23/79	11.64	73
1965	3/02/65	12.47	130	1980	8/08/80	11.60	70
1966	2/08/66	11.78	75	1981	4/04/81	12.22	110
1967	6/15/67	11.54	66	1982	4/03/82	11.36	60
1968	6/26/68	11.66	75	1983	11/10/82	12.18	107
1969	6/26/69	12.36	120	1984	4/30/84	12.11	103
1970	5/22/70	10.84	40	1985	11/01/84	11.72	78
1971	5/18/71	12.12	100	1986	9/22/86	12.58	140
1972	9/28/72	11.32	57	1987	10/4/86	10.98	45
1973	3/07/73	13.07	190	1988	7/16/88	10.97	45

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04073462							
Station name		White Creek at Forest Glen Beach near Green Lake, Wis.					
Location		Lat 43°48'58", long 88°55'42" in SE 1/4 SE 1/4 NW 1/4 sec.34, T.16 N., R.13 E., Green Lake County, Hydrologic Unit 04030201, at culvert on Spring Grove Road at Forest Glen Beach, 2.6 mi southeast of Green Lake.					
1986	9/10/86	10.14	781	1988	3/06/88	4.91	41
1987	10/4/86	5.12	76				
Station number 04073500							
Station name		Fox River at Berlin, Wis.					
Location		Lat 43°57'14", long 88°57'08", in NE 1/4 sec.16, T.17 N., R.13 E., Green Lake County, Hydrologic Unit 04030201, on left bank, 0.4 mi downstream from government dam, 1.0 mi south of Huron Street bridge in Berlin, 2.5 mi upstream from Barnes Creek, and at mile 89.0.					
1898	3/16/98	--	2,730	1944	4/28/44	11.10	2,290
1899	4/09/99	--	2,800	1945	3/18/45	12.80	3,460
1900	4/02/00	--	2,830	1946	3/17/46	15.50	6,900
1901	3/29/01	--	4,800	1947	4/12/47	12.20	3,160
1902	5/25/02	--	2,450	1948	3/22/48	13.70	4,540
1903	3/24/03	--	2,670	1949	4/04/49	11.60	2,600
1904	3/27/04	--	5,400	1950	3/28/50	13.85	4,780
1905	6/10/05	--	5,920	1951	4/10/51	13.10	4,020
1906	3/30/06	--	4,450	1952	4/05/52	14.10	4,900
1907	3/29/07	--	2,520	1953	3/20/53	13.40	4,100
1908	3/14/08	--	4,020	1954	5/05/54	10.40	1,870
1909	5/04/09	--	2,910	1955	10/11/54	12.20	3,020
1910	3/17/10	--	3,080	1956	4/04/56	13.47	4,000
1911	2/26/11	--	2,600	1957	6/18/57	10.24	1,690
1912	3/31/12	--	4,100	1958	4/10/58 ¹	9.31	1,380
1913	3/31/13	--	4,340	1959	4/12/59	13.06	3,670
1914	6/11/14	--	2,750	1960	5/10/60	13.60	4,100
1915	3/18/15	--	3,000	1961	4/01/61 ¹	11.19	2,210
1916	3/28/16	--	6,400	1962	3/30/62	14.21	5,160
1917	3/27/17	--	5,650	1963	3/28/63	12.88	3,480
1918	3/22/18	--	6,050	1964	5/09/64	9.63	1,430
1919	3/20/19	--	2,670	1965	9/30/65 ¹	11.95	2,760
1920	3/29/20	--	5,150	1966	3/08/66 ¹	12.47	3,140
1921	5/01/21	--	2,450	1967	3/28/67	12.27	2,990
1922	3/16/22	--	5,920	1968	7/04/68	10.74	1,970
1923	4/12/23	--	6,050	1969	3/27/69	12.16	2,910
1924	4/09/24	--	4,020	1970	3/22/70	10.96	1,700
1925	3/23/25	--	2,520	1971	3/24/71	13.73	2,400
1926	4/01/26	--	3,440	1972	4/01/72	12.83	3,440
1927	3/12/27	--	3,170	1973	3/15/73	15.59	6,010
1928	3/23/28	--	5,920	1974	4/17/74	12.30	3,010
1929	3/21/29	--	6,620	1975	3/29/75	--	4,200

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04073500--Continued							
1930	3/05/30	--	3,000	1976	4/01/76	12.83	3,420
1931	4/05/31	--	1,140	1977	4/10/77	10.42	1,870
1932	1/23/32	--	1,910	1978	4/11/78	12.10	2,870
1933	4/11/33	--	2,600	1979	3/31/79	15.43	5,670
1934	4/06/34	--	1,910	1980	9/22/80	11.67	2,380
1935	3/21/35	--	4,340	1981	2/28/81 ¹	12.58	3,100
1936	3/27/36	--	4,340	1982	3/23/82	13.65	3,800
1937	3/20/37	--	3,260	1983	3/19/83	12.21	2,710
1938	9/22/38	--	6,190	1984	2/22/84	13.18	3,540
1939	3/26/39	--	4,910	1985	3/05/85	13.66	3,810
1940	6/28/40	--	4,720	1986	3/26/86	14.96	4,960
1941	4/04/41	--	3,540	1987	10/05/86	14.73	4,760
1942	3/20/42	11.80	2,740	1988	4/06/88 ¹	11.97	2,540
1943	3/31/43	14.70	5,080				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 04074300

Station name Mud Creek near Nashville, Wis.

Location Lat 45°34'19", long 89°02'39", in SW 1/4 sec.30, T.36 N., R.12 E., Forest County, at concrete circular culvert on U.S. Highway 8, 3.5 mi north of Nashville.

1970	5/22/70	11.06	24	1980	9/21/80	12.28	56
1971	5/24/71	12.76	72	1981	6/14/81	14.06	105
1972	4/26/72	12.57	65	1982	3/13/82	12.29	56
1973	3/11/73	12.76	72	1983	5/23/83	12.80	50
1974	4/13/74	11.69	39	1984	7/15/84	12.79	50
1975	4/29/75	13.25	96	1985	8/10/85	13.15	70
1976	5/16/76	12.93	83	1986	12/01/85	13.50	78
1977	8/31/77	11.90	44	1987	10/12/86	12.94	62
1978	8/15/78	12.28	56	1988	4/04/88	12.52	48
1979	4/20/79	12.78	75				

Station number 04074538

Station name Swamp Creek above Rice Lake at Mole Lake, Wis.

Location Lat 45°29'18", long 88°57'49", in SW 1/4 NW 1/4 sec.26, T.35 N., R.12 E., Forest County, on right bank approximately 200 ft upstream from bridge on State Highway 55, on Mole Lake Indian Reservation.

1979	3/24/79	3.47	158	1983	5/23/83	3.71	208
1980	4/09/80	3.20	111	1985	5/26/85	3.09	106
1981	6/15/81	3.82	228	1986	10/13/85	3.55	202
1982	4/04/82	3.16	115				

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 04074548

Station name Swamp Creek below Rice Lake at Mole Lake, Wis.

Location Lat 45°28'46", long 88°59'52", in NE 1/4 NW 1/4 sec.33, T.35 N., R.12 E., Forest County, on left bank approximately 100 ft downstream from bridge on County Trunk Highway M, 0.9 mi west of Mole Lake.

1984	5/01/84 ¹	2.24	132	1985	4/25/85	2.01	130
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¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 04074700

Station name Hunting River near Elcho, Wis.

Location Lat 45°25'10", long 89°11'15", in N 1/2 sec.24, T.34 N., R.10 E., Langlade County, at twin culverts on U.S. Highway 45 and State Highway 47, 1.5 mi south of Elcho.

1958	7/02/58	11.58	50	1974	4/12/74	11.68	63
1959	9/28/59	12.98	200	1975	4/23/75	12.72	160
1960	5/08/60	12.41	120	1976	5/16/76	11.92	80
1961	3/28/61	11.94	80	1977	3/14/77	11.54	57
1962	5/13/62	12.30	110	1978	7/22/78	12.66	153
1963	3/24/63	11.56	57	1979	6/17/79	12.65	152
1964	4/22/64	11.44	50	1980	4/07/80	12.09	92
1965	9/27/65	11.73	66	1981	6/14/81	11.88	75
1966	4/19/66	11.84	74	1982	4/10/82	11.76	70
1967	6/28/67	11.91	78	1983	5/23/83	11.72	65
1968	9/10/68	12.20	100	1984	4/30/84	11.84	75
1969	6/26/69	11.88	77	1985	9/30/85	11.75	69
1970	5/22/70	11.26	47	1986	9/27/86	12.16	100
1971	5/24/71	11.79	70	1987	10/12/86	12.67	155
1972	9/26/72	11.80	72	1988	4/04/88	11.62	62
1973	9/02/73	12.23	105				

Station number 04074850

Station name Lily River near Lily, Wis.

Location Lat 45°20'59", long 88°49'52", in SE 1/4 sec.11, T.33 N., R.13 E., Langlade County, at culvert on County Trunk Highway A, 3.2 mi north from junction of State Highways 55 and 52 at Lily.

1970	4/20/70	9.80	40	1980	5/11/80	9.71	36
1971	4/11/71	10.41	81	1981	6/14/81	10.01	50
1972	9/26/72	10.76	121	1982	4/10/82	9.44	26
1973	3/11/73	10.90	142	1983	5/22/83	10.86	134
1974	4/12/74	10.69	114	1984	4/30/84	9.97	48
1975	10/29/74	11.00	158	1985	5/27/85	10.82	130
1976	4/02/76	10.68	112	1986	3/19/86	9.86	43
1978	8/15/78	9.57	30	1987	9/17/87	10.33	73
1979	4/15/79	10.01	50	1988	4/04/88	9.64	46

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04074950							
Station name		Wolf River at Langlade, Wis.					
Location		Lat 45°11'24", long 88°44'00", between secs. 3 and 10, T.31 N., R.14 E., Langlade County, Hydrologic Unit 04030202, on left bank, upstream of bridge on State Highway 64 at Langlade, 1.5 mi east of White Lake, 3.0 mi upstream from White Lake Creek, and at about mile 170 above mouth.					
1968	6/28/68 ¹	8.99	1,510	1978	7/26/78	8.98	1,050
1969	4/14/69 ¹	9.01	1,450	1979	4/22/79	9.87	1,850
1970	6/01/70 ¹	8.50	930	1981	6/15/81 ¹	9.32	1,280
1971	4/24/71 ¹	9.19	1,700	1982	4/19/82 ¹	9.23	1,200
1972	5/02/72 ¹	9.23	1,770	1983	5/29/83	9.35	1,310
1973	3/15/73 ¹	9.48	2,200	1984	4/30/84 ¹	9.08	1,060
1974	4/14/74	8.67	1,090	1985	4/24/85	9.50	1,460
1975	4/24/75	9.32	1,980	1986	4/06/86	9.97	1,960
1976	3/27/76	9.28	1,860	1987	10/15/86	9.35	1,310
1977	4/21/77 ¹	9.13	1,190	1988	4/07/88	9.22	1,160

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 04075200
Station name Evergreen Creek near Langlade, Wis.
Location Lat 45°10'11", long 88°48'12", in NW 1/4 sec.18, T.31 N., R.14 E., Langlade County, at culvert on State Highway 64, 3.5 mi southwest of Langlade.

1959	9/27/59	10.79	42	1974	4/12/74	10.58	35
1960	8/07/60	11.27	63	1975	4/23/75	10.80	43
1961	3/27/61	11.35	66	1976	3/31/76	10.87	46
1962	5/13/62	10.30	25	1977	9/24/77	10.45	31
1963	9/12/63	10.50	32	1978	5/03/78	11.12	56
1964	5/08/64	10.53	33	1979	6/17/79	10.93	48
1965	4/11/65	11.62	78	1981	2/23/81	10.77	42
1966	12/12/65	10.96	50	1982	7/11/82	11.66	80
1967	6/28/67	10.60	36	1983	4/04/83	10.90	48
1968	9/09/68	10.56	35	1984	4/30/84	10.83	44
1969	6/27/69	11.09	54	1985	8/13/85	10.87	45
1970	6/01/70	11.02	51	1986	11/2/85	11.00	51
1971	10/28/70	10.70	39	1987	10/12/86	10.70	39
1972	8/08/72	10.42	31	1988	7/17/88	11.06	53
1973	3/07/73	10.79	46				

Station number 04075500
Station name Wolf River above West Branch Wolf River near Keshena, Wis.
Location Lat 44°56'10", long 88°39'15", in E 1/2 sec.3, T.28 N., R.15 E., Menominee County, near center of span on downstream side of highway bridge, 0.5 mi upstream from West Branch Wolf River, 4 mi north of Keshena, and at mile 140.1.

1928	3/29/28	4.67	1,740	1946	3/19/46	5.70	2,330
1929	4/08/29	6.20	2,640	1947	4/07/47	4.40	1,540

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04075500--Continued							
1930	4/19/30	3.80	1,240	1948	3/27/48	4.30	1,480
1931	6/14/31	4.00	1,350	1949	7/05/49	4.30	1,480
1932	4/10/32	4.44	1,570	1950	4/26/50	4.70	1,710
1933	5/02/33	3.90	1,290	1951	4/13/51	5.75	2,440
1934	4/10/34	4.60	1,680	1952	4/20/52	4.43	1,590
1935	3/25/35	6.10	1,960	1953	3/24/53	5.90	2,540
1936	5/07/36	4.52	1,620	1954	4/28/54	4.40	1,580
1937	5/01/37	5.07	1,960	1955	4/15/55	4.18	1,450
1938	3/31/38	5.56	2,260	1956	4/07/56	4.60	1,680
1939	3/31/39	5.40	2,140	1957	4/21/57	4.35	1,520
1940	6/09/40	4.44	1,540	1958	7/06/58	3.97	1,300
1941	4/16/41	5.80	2,390	1959	9/30/59	4.74	1,760
1942	4/06/42	4.57	1,660	1960	5/08/60	6.60	3,120
1943	6/19/43	4.90	1,830	1961	3/30/61	--	1,400
1944	5/13/44	4.60	1,660	1962	5/15/62	5.00	2,000
1945	3/23/45	4.90	1,830				
Station number 04077000							
Station name		Wolf River at Keshena Falls near Keshena, Wis.					
Location		Lat 44°53'28", long 88°39'18", in E 1/2 sec.22, T.28 N., R.15 E., Menominee County, on right bank 500 ft downstream from Keshena Falls, 1.7 mi upstream from Keshena, 3.1 mi downstream from West Branch Wolf River, and at mile 136.4.					
1908	4/28/08	--	3,520	1949	7/06/49	7.23	1,990
1912	9/02/12	--	4,070	1950	5/06/50 ¹	7.56	2,300
1913	4/06/13	--	2,400	1951	4/13/51	8.76	3,590
1914	4/30/14	--	2,060	1952	4/20/52	7.46	2,080
1915	6/19/15	--	1,720	1953	3/24/53	7.84	2,500
1916	4/21/16	--	3,370	1954	4/29/54	7.26	1,890
1917	6/08/17	--	2,260	1955	4/07/55	7.29	1,920
1918	5/28/18	--	2,620	1956	4/10/56	7.09	1,730
1919	4/15/19	--	2,470	1957	4/21/57	7.44	2,070
1920	4/02/20	--	2,550	1958	4/06/58 ¹	6.94	1,600
1921	4/29/21	--	3,760	1959	9/30/59	7.26	1,990
1922	4/10/22	--	4,390	1960	5/07/60	9.67	4,830
1923	4/21/23	--	3,260	1961	3/29/61	8.17	2,100
1924	5/15/24	--	3,320	1962	5/15/62	7.50	2,250
1925	6/14/25	--	1,510	1963	4/01/63 ¹	6.87	1,620
1926	4/25/26	--	2,850	1964	5/09/64	7.21	1,950
1927	3/18/27	--	2,210	1965	5/17/65	8.50	3,400
1928	9/15/28	8.15	2,940	1966	6/06/66 ¹	7.04	1,780
1929	4/08/29	--	4,100	1967	4/17/67	8.35	3,220
1930	4/19/30	--	1,620	1968	6/28/68	7.51	2,260
1931	6/15/31	6.90	1,530	1969	6/28/69	8.82	3,780

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04077000--Continued							
1932	4/09/32	7.45	2,110	1970	6/02/70	7.47	2,220
1933	5/02/33	7.04	1,710	1971	4/18/71	7.80	2,580
1934	4/10/34	7.02	2,120	1972	4/22/72 ¹	7.88	2,780
1935	3/28/35	7.48	2,160	1973	3/15/73	13.86	5,200
1936	5/08/36	7.65	2,320	1974	4/13/74	7.54	2,360
1937	5/02/37	8.25	2,940	1975	4/25/75 ¹	7.92	2,710
1938	3/31/38	8.60	3,330	1976	4/01/76 ¹	11.41	4,500
1939	5/29/39	7.73	2,640	1977	3/31/77 ¹	7.22	1,960
1940	6/09/40	7.50	2,250	1978	9/14/78 ¹	7.19	1,930
1941	9/01/41	8.50	3,400	1979	4/22/79 ¹	7.94	2,730
1942	11/2/41	7.51	2,250	1980	4/09/80 ¹	7.92	2,710
1943	6/01/43	8.11	2,920	1981	4/05/81	7.56	2,320
1944	5/14/44	7.12	1,840	1982	4/18/82	7.26	2,000
1945	3/24/45	7.66	2,420	1983	5/23/83 ¹	7.49	2,240
1946	3/18/46	7.67	2,420	1984	5/01/84 ¹	7.49	2,240
1947	4/06/47	7.43	2,200	1985	4/24/85 ¹	7.79	2,570
1948	3/27/48	7.23	1,990				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 04077400

Station name Wolf River near Shawano, Wis.

Location Lat 44°50'09", long 88°37'30", in SE 1/4 NW 1/4 sec.12, T.27 N., R.15 E., Shawano County, Hydrologic Unit 04030202, on left bank 350 ft downstream from dam, 3.7 mi north of Shawano, 1.5 mi upstream from Red River, and at mile 130.6.

1986	4/01/86	12.91	4,440	1988	4/05/88	10.53	2,490
1987	10/14/86	10.67	2,550				

Station number 04078500

Station name Embarrass River near Embarrass, Wis.

Location Lat 44°43'29", long 88°44'10", in SW 1/4 sec.18, T.26 N., R.15 E., Shawano County, on left bank 10 ft downstream from bridge on county road, 1.3 mi downstream from Mill Creek, and 4.0 mi northwest of Embarrass.

1920	3/27/20	7.70	2,800	1953	3/23/53	8.79	3,970
1921	3/21/21	8.40	3,600	1954	4/28/54	5.02	1,120
1922	4/10/22	11.60	6,920	1955	4/01/55	5.40	1,340
1923	4/22/23	8.80	3,970	1956	4/05/56	8.00	3,000
1924	4/18/24	7.30	2,570	1957	4/21/57	5.35	1,310
1925	6/15/25	5.30	1,290	1958	4/08/58	5.10	1,160
1926	8/23/26	5.90	1,650	1959	4/05/59	6.86	2,320
1927	3/15/27	5.80	1,590	1960	5/07/60	9.72	4,890
1928	9/16/28	7.80	2,930	1961	3/28/61	8.50	3,690
1929	4/08/29	8.50	3,480	1962	4/09/62	5.77	1,560
1930	4/18/30	4.60	890	1963	3/28/63 ¹	6.46	2,020
1931	6/24/31	4.50	800	1964	5/10/64	4.69	940

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04078500--Continued							
1932	4/09/32	5.70	1,510	1965	4/12/65	12.13	7,080
1933	3/31/33	5.80	1,570	1966	6/06/66	5.85	1,660
1934	4/05/34	6.90	2,310	1967	3/31/67	9.00	3,760
1935	3/24/35	6.10	1,810	1968	6/28/68	5.89	1,670
1936	3/25/36	6.00	1,610	1969	6/28/69	10.05	4,640
1937	4/25/37	6.00	1,740	1970	6/01/70	6.92	2,290
1938	3/22/38	8.10	3,130	1971	4/12/71	7.83	2,940
1939	3/27/39 ¹	8.76	3,970	1972	4/20/72	8.20	3,160
1940	6/09/40	6.82	2,310	1973	3/08/73	--	4,000
1941	5/31/41	6.38	2,030	1974	4/14/74	7.56	2,710
1942	5/31/42	6.84	2,310	1975	9/12/75	5.94	1,720
1943	6/01/43	9.35	4,560	1976	3/30/76	7.72	2,820
1944	6/14/44	6.95	2,460	1977	3/30/77	5.12	1,210
1945	3/18/45	7.38	2,760	1978	7/03/78	7.73	2,830
1946	3/16/46	7.55	2,920	1979	5/03/79	7.38	2,590
1947	4/05/47	6.94	2,390	1980	6/07/80	8.18	3,150
1948	3/24/48	5.65	1,580	1981	4/05/81	7.13	2,410
1949	3/24/49	5.36	1,390	1982	4/03/82	6.51	2,040
1950	4/12/50	5.64	1,490	1983	9/21/83	6.90	2,270
1951	4/09/51	7.80	3,070	1984	5/01/84	7.03	2,350
1952	4/02/52	9.02	4,170	1985	11/2/84	7.79	2,900

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 04079000

Station name Wolf River at New London, Wis.

Location Lat 44°23'32", long 88°44'25", in NE 1/4 SE 1/4 sec.12, T.22 N., R.14 E., Waupaca County, Hydrologic Unit 04030202, on right bank 100 ft downstream from Pearl Street bridge in New London, 0.2 mi downstream from Embarrass River, and at mile 56.3.

1896	5/08/96	--	3,420	1957	4/28/57	6.11	3,320
1897	3/27/97	--	4,390	1958	4/14/58	5.78	3,210
1898	4/03/98	--	2,865	1959	4/08/59	9.00	7,840
1899	5/05/99	--	5,430	1960	5/12/60	10.52	13,300
1900	7/26/00	--	2,750	1961	4/01/61	8.92	7,430
1901	4/01/01	--	6,230	1962	4/02/62	9.26	8,490
1902	5/13/02	--	3,050	1963	3/30/63	9.02	7,700
1903	3/29/03	--	5,100	1964	5/16/64	6.44	3,450
1904	6/02/04	--	5,160	1965	4/16/65	9.68	9,990
1905	4/01/05	--	6,470	1966	3/26/66	8.06	5,190
1906	4/03/06	--	7,250	1967	4/04/67	9.94	10,200
1907	3/30/07	--	5,100	1968	7/05/68	8.51	6,170
1937	3/30/37	--	5,100	1969	7/05/69	9.70	10,100
1938	3/24/38	9.80	11,500	1970	6/04/70	9.13	8,060
1939	3/29/39	9.80	11,100	1971	4/14/71	9.68	9,990
1940	7/01/40	7.20	4,880	1972	4/25/72	9.76	10,300

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04079000--Continued							
1941	4/07/41	8.60	7,140	1973	3/16/73	11.22	14,100
1942	6/05/42	9.00	7,940	1974	4/18/74	8.75	7,110
1943	4/02/43	9.90	11,700	1975	4/30/75	9.28	7,780
1944	6/22/44	8.30	6,080	1976	4/01/76	10.45	11,200
1945	3/23/45	8.40	7,600	1977	4/09/77	6.85	3,460
1946	3/18/46	9.60	10,300	1978	4/16/78	8.06	5,120
1947	4/12/47	8.10	5,970	1979	4/04/79	--	11,400
1948	3/23/48	7.80	5,460	1980	4/15/80	8.69	6,420
1949	3/31/49	6.80	4,020	1981	4/11/81 ¹	8.47	5,880
1950	3/31/50	9.60	7,000	1982	4/05/82	9.07	7,340
1951	4/14/51	9.82	10,500	1983	3/12/83	8.60	6,200
1952	4/05/52	11.00	15,200	1984	5/07/84	8.09	5,080
1953	3/26/53	9.80	10,400	1985	11/6/84	9.12	7,500
1954	5/06/54	6.61	3,980	1986	3/29/86	10.13	10,200
1955	4/09/55	8.21	5,830	1987	10/7/86	8.66	6,350
1956	4/09/56	8.86	7,470	1988	4/09/88	7.70	4,350

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 04079602

Station name Little Wolf River near Galloway, Wis.

Location Lat 44°41'27", long 89°15'51", in SW 1/4 NW 1/4 sec.35, T.26 N., R.10 E., Marathon County, on right bank 50 ft downstream from State Highway 49 bridge, 0.7 mi upstream from Holt Creek, and 1.5 mi south of Galloway.

1974	4/13/74	5.59	138	1978	7/06/78	7.12	242
1977	4/03/77	4.57	59	1979	5/03/79	5.86	182

Station number 04079700

Station name Spaulding Creek near Big Falls, Wis.

Location Lat 44°38'13", long 89°01'20", on common boundary of secs.14 and 15, T.25 N., R.12 E., Waupaca County, at culvert on County Trunk Highway E, 1.5 mi north of Big Falls.

1959	4/03/59	10.50	28	1974	4/13/74	11.10	66
1960	5/07/60	11.64	101	1975	4/15/75	10.76	46
1961	3/27/61	10.81	40	1976	3/31/76	10.79	48
1962	9/13/62	10.72	37	1977	3/29/77	10.60	45
1963	--	--	<20	1978	5/03/78	11.02	61
1964	9/10/64	10.94	57	1979	5/19/79	11.04	62
1965	4/12/65	11.55	92	1980	4/09/80	11.03	62
1966	12/13/65	10.74	38	1981	4/04/81	11.21	73
1967	4/02/67	11.03	51	1982	4/03/82	10.82	49
1968	6/26/68	10.84	42	1983	8/30/83	11.10	56
1969	4/10/69	10.80	40	1984	4/30/84	10.96	54
1970	5/31/70	11.51	80	1985	10/28/84	11.37	79
1971	5/19/71	10.87	43	1986	9/12/86	10.99	56
1972	4/22/72	10.80	52	1987	--	--	<30
1973	5/28/73	11.23	74	1988	4/02/88	10.58	40

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04080000							
Station name		Little Wolf River at Royalton, Wis.					
Location		Lat 44°24'47", long 88°51'55", in SE 1/4 NE 1/4 sec.1, T.22 N., R.13 E., Waupaca County, on right bank 50 ft upstream from highway bridge in Royalton and 6.0 mi upstream from mouth.					
1914	6/07/14	--	5,470	1944	6/20/44	4.55	2,860
1915	4/08/15	3.30	1,300	1945	3/17/45	6.50	5,080
1916	3/30/16	10.00	6,000	1946	3/15/46	9.21	5,900
1917	3/26/17	8.50	4,800	1947	4/07/47	4.60	2,860
1918	5/19/18	4.80	2,980	1948	3/21/48	7.93	5,000
1919	3/16/19	5.90	3,100	1949	3/22/49	3.21	1,480
1920	3/26/20	5.60	3,950	1950	3/28/50	11.95	6,800
1921	4/28/21	4.10	2,180	1951	4/09/51	4.61	2,860
1922	4/11/22	7.00	5,900	1952	4/02/52	7.00	5,690
1923	4/15/23	5.50	3,820	1953	3/23/53	6.28	4,840
1924	8/22/24	6.10	4,600	1954	3/15/54	2.62	1,010
1925	6/15/25	4.10	2,180	1955	10/3/54	4.67	2,890
1926	4/11/26	3.60	1,670	1956	4/05/56	8.88	6,000
1927	3/11/27	3.90	1,970	1957	4/21/57 ¹	2.71	1,080
1928	3/24/28	8.00	4,000	1958	9/06/58	2.81	1,150
1929	3/18/29	7.00	5,900	1959	4/05/59	9.10	4,000
1930	2/23/30	4.50	1,600	1960	5/08/60 ¹	5.82	4,260
1931	6/22/31	2.30	670	1961	3/28/61	4.63	2,890
1932	4/09/32	3.10	1,250	1962	3/29/62	3.97	2,380
1933	4/02/33	4.50	2,660	1963	3/26/63	7.78	3,700
1934	4/04/34	5.20	3,500	1964	9/11/64	2.86	1,320
1935	3/22/35	7.82	3,500	1965	4/13/65	6.03	4,680
1936	3/25/36	5.00	3,420	1966	2/10/66	5.96	2,400
1937	3/07/37	4.90	2,500	1967	4/01/67 ¹	5.45	4,000
1938	9/11/38 ¹	5.75	4,380	1968	6/29/68	3.45	1,860
1939	3/25/39	10.33	6,500	1969	6/30/69 ¹	4.59	3,060
1940	6/26/40	4.14	2,500	1970	6/01/70	6.85	5,660
1941	4/03/41 ¹	4.04	2,390	1983	11/13/82	4.23	2,660
1942	6/01/42	4.47	2,810	1984	5/02/84	4.05	2,280
1943	3/30/43	8.00	6,950	1985	11/3/84	4.65	2,990

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 04080950

Station name Emmons Creek near Rural, Wis.

Location Lat 44°18'55", long 89°11'34", in NW 1/4 NE 1/4 sec.8, T.21 N., R.11 E., Waupaca County, 0.8 mi upstream from Long Lake and 1.8 mi west of Rural.

1969	6/26/69	3.10	52	1972	8/26/72	3.13	54
1970	5/31/70	3.83	95	1973	3/07/73	5.46	350
1971	5/19/71	3.78	95	1974	6/09/74	3.00	48

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04081000							
Station name		Waupaca River near Waupaca, Wis.					
Location		Lat 44°19'50", long 88°59'45", in NW 1/4 sec.1, T.21 N., R.12 E., Waupaca County, on right bank 10 ft downstream from Harrington Road bridge, 4 mi upstream from Weyauwega Lake Dam, 4.5 mi southeast of Waupaca, and about 5 mi downstream from Crystal River.					
1917	3/25/17	--	1,000	1946	3/14/46 ¹	4.48	1,360
1918	3/19/18	6.20	1,400	1947	4/06/47 ¹	3.45	855
1919	3/17/19	5.70	1,900	1948	3/20/48	6.90	2,520
1920	3/26/20	3.70	1,080	1949	4/26/49 ¹	2.73	652
1921	4/27/21	3.30	900	1950	3/28/50	8.06	2,100
1922	4/11/22	4.70	1,440	1951	4/08/51 ¹	2.96	740
1923	4/13/23	5.50	1,800	1952	4/02/52	4.67	1,440
1924	8/22/24	4.70	1,440	1953	3/23/53	5.19	1,660
1925	7/09/25	3.20	784	1954	6/01/54 ¹	2.25	455
1926	3/24/26	5.10	1,100	1955	10/4/54 ¹	3.52	950
1927	5/10/27	2.70	521	1956	4/05/56	5.18	1,650
1928	3/23/28	5.00	1,490	1957	4/21/57	1.96	353
1929	3/16/29	6.10	1,590	1958	4/06/58	2.02	375
1930	2/25/30	3.50	876	1959	4/01/59	4.92	1,250
1931	10/08/30	2.10	322	1960	12/28/59	4.04	1,180
1932	5/07/32	2.55	488	1961	3/27/61	3.78	1,070
1933	4/02/33	4.90	1,490	1962	4/08/62	2.65	620
1934	4/04/34	5.90	2,040	1963	3/26/63	5.00	1,570
1935	6/19/35	3.10	710	1964	9/04/64 ¹	1.87	328
1936	3/25/36	3.90	980	1965	4/12/65 ¹	4.51	1,360
1937	3/25/37	3.30	758	1966	2/11/66	6.15	1,220
1938	9/10/38	4.70	1,440	1967	3/30/67	3.74	1,060
1939	3/23/39	5.52	1,660	1968	6/27/68	2.44	535
1940	6/24/40	5.69	1,900	1969	4/05/69	3.01	770
1941	4/03/41 ¹	2.82	665	1970	6/01/70	3.73	1,050
1942	6/07/42 ¹	3.49	960	1983	11/12/82 ¹	3.76	954
1943	3/26/43	5.00	1,570	1984	8/07/84 ¹	3.50	890
1944	3/12/44	3.98	1,160	1985	3/12/85 ¹	3.42	849
1945	3/16/45 ¹	3.60	1,000				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 04081010

Station name Waupaca River tributary near Waupaca, Wis.

Location Lat 44°19'34", long 88°59'40", in NW 1/4 sec.1, T.21 N., R.12 E., Waupaca County, at culvert on U.S. Highway 10, 5.0 mi southeast of Waupaca.

1960	12/28/59	12.96	78	1971	8/14/71	13.00	50
1961	3/25/61	12.51	45	1972	4/22/72	11.25	20
1962	3/28/62	12.68	70	1973	3/07/73	15.09	106
1963	3/24/63	12.77	45	1974	4/14/74	13.10	50
1964	8/21/64	10.99	14	1975	4/28/75	12.37	45

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 04081010--Continued

1965	4/11/65	12.31	40	1976	3/12/76	13.00	60
1966	3/29/66	11.18	19	1978	5/03/78	11.68	17
1967	3/28/67	14.44	100	1979	5/19/79	13.10	52
1968	4/20/68	11.09	5	1980	4/09/80	11.76	16
1969	6/26/69	13.43	72	1981	2/23/81	12.91	44
1970	5/31/70	13.20	60				

Station number 04081900

Station name Sawyer Creek at Oshkosh, Wis.

Location Lat 44°02'00", long 88°35'00", in SW 1/4 sec.15, T.18 N., R.16 E., Winnebago County, at bridge on U.S. Highway 41, 1.0 mi southwest of bridge on Algoma Street at Fox River, at Oshkosh.

1961	9/30/61	11.55	130	1975	3/21/75	13.10	625
1962	3/29/62	14.60	1,050	1976	3/12/76	12.95	560
1963	3/24/63	13.69	780	1978	5/13/78	15.10	1,470
1964	5/08/64	11.40	175	1979	3/24/79	14.42	1,240
1965	4/11/65	12.90	470	1980	6/06/80	11.35	200
1966	2/09/66	13.46	670	1981	2/22/81	12.44	400
1967	4/16/67	11.39	175	1982	3/16/82	12.43	400
1968	6/26/68	11.72	200	1983	11/10/82	11.06	170
1969	4/04/69	14.13	950	1984	4/30/84	12.45	400
1970	5/22/70	11.39	175	1985	10/19/84	13.28	695
1971	3/15/71	16.10	1,500	1986	9/11/86	17.47	2,080
1973	3/14/73	11.92	395	1987	8/09/87	11.37	205
1974	4/14/74	11.80	375	1988	4/02/88	11.44	215

Station number 04083000

Station name West Branch Fond du Lac River at Fond du Lac, Wis.

Location Lat 43°45'45", long 88°29'00", on line between secs. 17 and 20, T.15 N., R.17 E., Fond du Lac County, on left bank 25 ft upstream from highway bridge, 0.7 mi west of Fond du Lac, and 2.5 mi upstream from confluence with East Branch.

1939	3/25/39	3.79	602	1947	6/13/47	4.42	770
1940	6/22/40	5.28	1,000	1948	3/21/48 ¹	3.21	457
1941	3/27/41	5.29	1,000	1949	3/27/49 ¹	3.42	501
1942	5/31/42	6.16	1,320	1950	3/27/50 ¹	4.15	642
1943	3/27/43	--	1,390	1951	5/03/51	4.28	741
1944	6/23/44 ¹	2.02	202	1952	3/24/52 ¹	4.58	894
1945	6/01/45	--	686	1953	3/17/53	5.10	1,040
1946	3/14/46	5.78	1,210	1954	4/24/54	1.12	56

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04083400							
Station name		East Branch Fond du Lac River tributary near Eden, Wis.					
Location		Lat 43°41'13", long 88°26'29", in NE 1/4 sec.14, T.14 N., R.17 E., Fond du Lac County, at culvert on U.S. Highway 41, 3.0 mi west of Eden.					
1961	3/25/61	11.18	50	1971	3/15/71	12.58	65
1962	10/29/61	10.65	30	1972	8/18/72	12.00	85
1963	3/24/63	12.76	50	1973	5/02/73	11.39	60
1964	4/--/64	10.40	20	1974	4/14/74	11.90	80
1965	9/21/65	10.90	40	1975	3/21/75	12.58	110
1966	5/23/66	11.72	48	1978	5/13/78	13.01	135
1967	3/02/67	12.44	25	1979	3/24/79	13.12	130
1968	6/26/68	12.00	85	1980	6/06/80	14.59	135
1969	4/03/69	10.81	35	1981	2/22/81	12.67	115
Station number 04083500							
Station name		East Branch Fond du Lac River at Fond du Lac, Wis.					
Location		Lat 43°45'15", long 88°27'10", in SW 1/4 sec.22, T.15 N., R.17 E., Fond du Lac County, on left bank at highway bridge, 0.1 mi west of U.S. Highway 41, 0.5 mi south of Fond du Lac, and 2.5 mi upstream from confluence with West Branch.					
1939	3/25/39 ¹	2.85	397	1947	6/13/47	4.65	1,220
1940	6/23/40	5.87	2,140	1948	3/15/48	5.23	1,100
1941	3/23/41 ¹	4.96	1,090	1949	3/27/49 ¹	2.87	403
1942	5/31/42	4.12	920	1950	3/26/50	6.40	1,100
1943	3/16/43	10.74	1,500	1951	4/26/51 ¹	3.97	899
1944	2/23/44	--	170	1952	3/21/52 ¹	4.21	964
1945	3/14/45	8.21	1,600	1953	3/15/53 ¹	3.70	745
1946	3/13/46	4.72	1,460	1954	7/07/54 ¹	1.93	110
¹ Annual peak gage height occurred at a time different than the annual peak discharge.							
Station number 04084500							
Station name		Fox River at Rapide Croche Dam, near Wrightstown, Wis.					
Location		Lat 44°19'03", long 88°11'50", in SE 1/4 sec.4, T.21 N., R.19 E., Outagamie County, Hydrologic Unit 04030204, at Rapide Croche Dam, 2.0 mi upstream from Wrightstown, and 18 mi upstream from mouth.					
1918	5/25/18	--	16,300	1954	6/28/54	--	5,530
1919	4/18/19	--	13,100	1955	10/8/54	--	12,800
1920	4/10/20	--	16,600	1956	5/14/56	--	10,900
1921	4/28/21	--	14,200	1957	5/29/57	--	5,830
1922	4/23/22	--	20,100	1958	1/03/58	--	4,220
1923	5/02/23	--	13,700	1959	5/01/59	--	11,600
1924	5/13/24	--	15,500	1960	5/18/60	--	23,600
1925	7/09/25	--	8,340	1961	4/20/61	--	9,950
1926	6/17/26	--	9,060	1962	4/17/62	--	15,400
1927	3/30/27	--	13,300	1963	4/10/63	--	9,470
1928	4/11/28	--	15,100	1964	5/26/64	--	4,070

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04084500--Continued							
1929	4/04/29	--	20,600	1965	4/30/65	--	12,400
1930	3/08/30	--	6,600	1966	3/30/66	--	14,200
1931	12/2/30	--	3,100	1967	4/17/67	--	15,400
1932	3/04/32	--	9,900	1968	6/27/68	--	12,500
1933	5/19/33	--	8,900	1969	7/14/69	--	16,200
1934	4/03/34	--	6,650	1970	6/03/70	--	12,200
1935	4/05/35	--	11,100	1971	4/16/71	--	10,800
1936	4/04/36	--	6,290	1972	4/25/72	--	13,200
1937	5/04/37	--	13,500	1973	3/29/73	--	17,000
1938	3/30/38	--	11,500	1974	5/17/74	--	12,400
1939	10/1/38	--	18,200	1975	4/30/75	--	14,500
1940	6/26/40	--	17,500	1976	4/10/76	--	14,200
1941	4/20/41	--	16,600	1977	4/09/77	--	5,900
1942	6/12/42	--	19,800	1978	5/25/78	--	10,000
1943	6/06/43	--	21,300	1979	4/15/79	--	18,400
1944	6/23/44	--	10,800	1980	6/14/80	--	9,820
1945	6/06/45	--	15,800	1981	4/15/81	--	11,400
1946	3/27/46	--	21,300	1982	4/18/82	--	12,900
1947	6/16/47	--	11,000	1983	12/10/82	--	12,800
1948	4/03/48	--	10,300	1984	5/10/84	--	10,200
1949	4/26/49	--	6,360	1985	11/15/84	--	15,700
1950	4/18/50	--	10,900	1986	9/30/86	--	15,400
1951	4/26/51	--	20,400	1987	10/13/86	--	16,000
1952	4/18/52	--	24,000	1988	4/04/88	--	8,310
1953	4/22/53	--	12,000				
Station number 04085030							
Station name		Apple Creek near Kaukauna, Wis.					
Location		Lat 44°19'15", long 88°17'33", on west boundary sec.2, T.21 N., R.18 E., Outagamie County, at bridge on State Highway 55, 3.0 mi north of Kaukauna.					
1960	9/19/60	14.58	1,040	1974	6/09/74	14.85	1,210
1961	8/09/61	14.84	1,200	1975	3/23/75	14.36	890
1962	3/29/62	14.75	1,150	1976	3/12/76	15.03	1,330
1963	3/24/63	14.58	1,040	1978	5/13/78	13.70	530
1964	5/09/64	13.26	340	1979	3/23/79	14.70	1,110
1965	4/11/65	13.35	380	1980	4/08/80	14.40	930
1966	3/22/66	14.15	770	1981	4/03/81	14.72	1,120
1967	6/15/67	14.06	720	1982	4/04/82	14.20	800
1968	6/26/68	14.43	940	1983	5/28/83	13.53	450
1969	6/26/69	13.71	530	1984	6/17/84	14.44	950
1970	3/20/70	12.22	135	1985	10/18/84	15.29	1,510
1971	3/15/71	13.86	610	1986	3/23/86	14.91	1,250
1972	4/21/72	13.18	320	1987	4/23/87	12.60	180
1973	3/14/73	14.76	1,150	1988	4/02/88	14.59	1,050

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04085100							
Station name		East River tributary at Greenleaf, Wis.					
Location		Lat 44°18'24", long 88°05'47", in NE 1/4 sec.8, T.21 N., R.20 E., Brown County, at railroad box culvert, 0.5 mi south of Greenleaf.					
1958	4/---/58	12.77	80	1970	3/20/70	10.91	170
1959	4/03/59	13.38	445	1971	4/12/71	12.29	325
1960	3/30/60	14.15	550	1972	4/13/72	12.26	200
1961	8/09/61	13.76	493	1973	3/07/73	11.85	245
1962	3/28/62	12.99	390	1974	3/03/74	10.59	110
1963	5/10/63	10.54	105	1975	3/22/75	11.40	200
1964	5/09/64	10.19	80	1976	3/21/76	12.28	300
1965	9/20/65	10.24	80	1977	3/29/77	10.26	85
1966	2/08/66	11.98	260	1978	5/13/78	10.28	90
1967	6/14/67	13.00	390	1979	3/30/79	12.46	320
1968	6/26/68	11.50	200	1980	3/23/80	11.30	190
1969	6/26/69	15.06	730				
Station number 04085200							
Station name		Kewaunee River near Kewaunee, Wis.					
Location		Lat 44°27'30", long 87°33'23", in SW 1/4 sec.14, T.23 N., R.24 E., Kewaunee County, Hydrologic Unit 04030102, on left bank just downstream from bridge on County Trunk Highway F, 2.3 mi west of Kewaunee, and about 7.0 mi upstream from mouth.					
1958	4/---/58	12.16	1,310	1974	3/04/74	14.13	3,590
1959	4/07/59	14.02	3,220	1975	3/22/75	14.23	3,860
1960	3/30/60	16.03	6,500	1976	3/21/76	13.76	3,260
1961	3/26/61	11.84	1,100	1977	3/13/77	11.71	1,160
1962	3/29/62	13.59	2,670	1978	5/14/78	12.83	2,150
1963	3/26/63	15.73	4,700	1979	3/31/79 ¹	14.32	4,070
1964	3/16/64	12.58	1,640	1980	4/09/80	12.82	2,440
1965	4/12/65	13.84	2,980	1981	4/04/81 ¹	12.98	2,760
1966	2/08/66	16.05	4,000	1982	3/25/82	12.77	2,350
1967	3/27/67	13.20	2,230	1983	4/09/83 ¹	11.70	1,190
1968	6/28/68	12.40	1,500	1984	2/16/84	--	1,600
1969	3/24/69 ¹	12.53	1,600	1985	10/19/84 ¹	13.33	3,470
1970	4/21/70	10.93	673	1986	3/26/86	14.05	5,550
1971	4/01/71 ¹	12.45	1,620	1987	10/05/86	11.13	780
1972	3/22/72	15.29	2,500	1988	3/09/88	16.00	3,600
1973	5/28/73	14.10	3,540				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04085281							
Station name		East Twin River at Mishicot, Wis.					
Location		Lat 44°14'16", long 87°38'11", in NW 1/4 NW 1/4 sec.4, T.20 N., R.24 E., Manitowoc County, Hydrologic Unit 04030101, on right bank 500 ft downstream from bridge on State Highway 147, at Mishicot, 0.8 mi upstream from Johnson Creek, and 9.8 mi upstream from mouth.					
1973	5/28/73	13.19	3,090	1982	4/04/82	9.95	951
1974	3/04/74	9.96	1,060	1983	4/04/83	8.66	772
1975	3/22/75	12.09	1,980	1984	2/16/84	9.30	1,010
1976	3/27/76	11.09	1,420	1985	10/19/84	10.64	1,330
1977	3/30/77	7.45	411	1986	3/27/86	11.95	2,370
1978	5/14/78	9.87	925	1987	10/5/86	7.40	474
1979	3/31/79	13.75	3,210	1988	4/04/88 ¹	7.97	603
1980	8/21/80	11.55	1,660				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 04085300
Station name Neshota River tributary near Denmark, Wis.
Location Lat 44°23'43", long 87°52'13", in NE 1/4 sec.7, T.22 N., R.22 E., Brown County, at box culvert on U.S. Highway 141, 3.8 mi northwest of Denmark.

1959	4/02/59	14.01	390	1974	3/03/74	12.80	105
1960	4/17/60	14.20	430	1975	3/23/75	12.43	215
1961	8/09/61	13.28	250	1976	3/21/76	13.41	260
1962	3/28/62	13.24	245	1977	3/12/77	13.24	165
1963	3/25/63	13.92	250	1978	4/06/78	13.07	140
1964	5/09/64	11.46	50	1979	3/23/79	13.67	224
1965	9/21/65	11.82	22	1980	8/08/80	13.47	285
1966	2/08/66	13.80	330	1981	4/03/81	13.28	250
1967	3/26/67	13.81	250	1982	8/03/82	14.07	290
1968	6/26/68	12.85	110	1983	11/11/82	12.32	60
1969	6/26/69	15.11	520	1984	4/29/84	13.29	255
1970	3/20/70	12.89	120	1985	10/18/84	12.85	190
1971	4/12/71	12.55	80	1986	3/24/86	14.74	560
1972	4/13/72	12.50	75	1987	11/19/86	11.60	65
1973	5/27/73	14.10	300	1988	3/29/88	12.44	145

Station number 04085400
Station name Killsnake River near Chilton, Wis.
Location Lat 44°03'33", long 88°08'36", in E 1/2 sec.6, T.18 N., R.20 E., Calumet County, at bridge on country road, 2.4 mi northeast of Chilton.

1962	3/28/62	12.81	1,060	1976	3/21/76	12.42	900
1963	3/25/63	13.40	1,200	1977	4/02/77	10.40	180
1964	5/09/64	10.10	100	1978	5/13/78	12.92	1,100
1965	4/11/65	10.50	200	1979	3/30/79	14.37	1,840
1966	2/08/66	12.90	1,100	1980	4/03/80	11.00	360
1967	3/10/67	11.86	700	1981	4/04/81	10.90	320

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04085400--Continued							
1968	6/26/68	10.60	250	1982	8/04/82	11.70	600
1969	6/26/69	12.49	900	1983	5/22/83	11.00	350
1970	5/22/70	10.71	265	1984	2/13/84	11.46	500
1971	4/01/71	12.40	880	1985	3/10/85	11.81	630
1972	3/21/72	11.90	660	1986	9/11/86	13.49	1,380
1973	3/07/73	12.00	710	1987	--	--	<350
1974	4/14/74	12.50	920	1988	1/31/88	11.00	350
1975	4/06/75	13.30	1,300				
Station number 04085427							
Station name		Manitowoc River at Manitowoc, Wis.					
Location		Lat 44°06'26", long 87°42'55", in NE 1/4 NW 1/4 sec.23, T.19 N., R.23 E., Manitowoc County, Hydrologic Unit 04030101, on right bank 300 ft upstream from bridge on County Trunk Highway JJ, just west of the Manitowoc city limits, and 6.6 mi upstream from mouth.					
1973	3/07/73	9.67	3,140	1981	4/14/81 ¹	7.68	1,480
1974	3/06/74	9.51	3,070	1982	4/03/82 ¹	9.72	3,220
1975	3/22/75 ¹	10.19	3,710	1983	4/09/83 ¹	8.34	1,850
1976	3/27/76	10.42	4,010	1984	2/19/84	--	3,200
1977	3/12/77	7.40	1,320	1985	3/13/85 ¹	9.45	3,020
1978	3/30/78	9.35	2,810	1986	3/26/86 ¹	11.95	5,900
1979	3/31/79	13.24	8,280	1987	3/09/87	--	1,400
1980	4/11/80	6.71	930	1988	3/12/88	8.46	1,100
¹ Annual peak gage height occurred at a time different than the annual peak discharge.							
Station number 04085700							
Station name		Sheboygan River tributary near Plymouth, Wis.					
Location		Lat 43°47'26", long 87°56'31", on common boundary of secs. 2 and 11, T.15 N., R.21 E., Sheboygan County, at concrete culvert on County Trunk Highway J, 3.5 mi northeast of Plymouth.					
1959	5/--/59	10.49	80	1971	3/30/71	11.30	200
1960	4/17/60	11.19	180	1972	9/21/72	10.90	150
1961	9/30/61	11.52	230	1973	10/23/72	10.90	150
1962	11/16/61	10.48	100	1975	3/23/75	12.87	410
1963	6/09/63	10.20	75	1976	3/12/76	10.55	95
1964	3/14/64	10.30	80	1977	3/04/77	10.94	130
1965	9/20/65	10.68	120	1978	5/13/78	11.53	200
1966	2/08/66	11.22	185	1979	3/24/79	9.87	60
1967	3/23/67	9.90	60	1980	6/07/80	10.41	95

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04086000							
Station name		Sheboygan River at Sheboygan, Wis.					
Location		Lat 43°44'25", long 87°45'35", in SE 1/4 NE 1/4 sec. 29, T.15., R.23 E., Sheboygan County, Hydrologic Unit 04030101, on left bank 400 ft upstream from bridge on State Highway 141, near west city limits of Sheboygan, and 4.2 mi upstream from mouth.					
1917	6/03/17	--	2,080	1967	4/17/67	7.86	2,710
1918	3/20/18	--	6,340	1968	6/27/68	5.55	1,330
1919	3/16/19	--	3,670	1969	6/26/69	6.97	2,320
1920	3/26/20	--	7,140	1970	6/02/70	4.11	594
1921	4/26/21	--	5,140	1971	4/01/71	7.60	2,820
1922	3/07/22	--	3,500	1972	3/21/72	8.61	3,290
1923	4/06/23	--	4,200	1973	5/28/73	8.39	3,580
1951	3/30/51	--	4,310	1974	4/14/74	8.15	3,430
1952	7/20/52	8.61	3,780	1975	3/22/75	11.64	7,680
1953	3/13/53	6.26	1,830	1976	3/27/76	7.99	3,190
1954	6/22/54	5.39	1,320	1977	9/24/77	5.89	1,600
1955	4/25/55	8.92	4,010	1978	5/13/78	11.42	7,410
1956	5/06/56	7.66	2,870	1979	3/31/79	10.77	6,460
1957	4/07/57	4.26	694	1980	6/08/80	7.22	2,540
1958	4/07/58	3.43	379	1981	2/23/81	7.84	3,050
1959	4/03/59	9.48	4,790	1982	4/03/82	9.38	4,660
1960	3/30/60	10.65	6,300	1983	4/10/83	7.63	2,860
1961	9/30/61	6.53	1,990	1984	2/15/84	9.84	3,000
1962	3/26/62	9.11	4,340	1985	4/07/85 ¹	6.87	2,260
1963	3/25/63	8.33	2,500	1986	11/2/85 ¹	8.74	4,000
1964	4/07/64	4.54	814	1987	10/4/86	6.53	2,070
1965	4/07/65	9.55	4,880	1988	4/06/88	5.75	1,530
1966	2/10/66	9.76	5,150				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 04086150

Station name Milwaukee River at Kewaskum, Wis.

Location Lat 43°31'02", long 88°13'24", in SE 1/4 SE 1/4 sec.9, T.12 N., R.19 E., Washington County, on left bank at small dam in Kewaskum, 50 ft above unnamed tributary and 2.6 mi above East Branch Milwaukee River.

1968	4/23/68	4.60	340	1975	3/22/75	9.15	3,040
1969	6/26/69	6.32	615	1976	3/14/76	5.72	738
1970	6/02/70	3.50	170	1977	6/12/77	5.88	802
1971	4/01/71	5.54	736	1978	5/13/78	6.80	1,280
1972	9/21/72	7.06	1,060	1979	3/24/79	8.04	1,890
1973	3/07/73	6.50	1,100	1980	9/22/80	6.40	820
1974	3/05/74	6.66	1,200	1981	8/31/81	5.92	656

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04086200							
Station name		East Branch Milwaukee River near New Fane, Wis.					
Location		Lat 43°33'01", long 88°11'18", in center of sec.35, T.13, N., R.19 E., Fond du Lac County, on right bank 150 ft downstream of bridge on County Trunk Highway S, 0.4 mi southwest of New Fane, 0.5 mi downstream from recreation dam (formerly a mill dam), and 6.0 mi upstream from mouth.					
1969	3/29/69	2.72	96	1976	3/06/76 ¹	4.89	312
1970	5/11/70 ¹	2.29	68	1977	3/31/77 ¹	4.59	211
1971	4/02/71 ¹	3.15	190	1978	5/15/78	4.81	285
1972	3/25/72	2.49	170	1979	3/27/79	5.55	410
1973	3/08/73	2.59	196	1980	4/11/80 ¹	4.62	137
1974	3/05/74	5.93	210	1981	9/01/81	5.02	236
1975	3/24/75	5.44	743				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 04086340							
Station name		North Branch Milwaukee River near Fillmore, Wis.					
Location		Lat 43°28'58", long 88°03'39", in NW 1/4 sec.25, T.12 N., R.20 E., Washington County, on right bank downstream from County Trunk Highway M, 1.1 mi south of Fillmore, and 2.0 mi upstream from mouth.					
1969	6/27/69	5.39	460	1976	4/25/76	5.41	614
1970	5/15/70 ¹	3.12	186	1977	3/31/77	4.45	323
1971	4/13/71	5.57	664	1978	5/14/78	5.94	860
1972	3/22/72	5.69	955	1979	3/24/79	6.25	1,030
1973	5/29/73	5.67	925	1980	9/23/80	5.97	875
1974	3/05/74	6.15	1,600	1981	8/30/81	5.84	810
1975	3/22/75	8.21	3,100				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 04086360							
Station name		Milwaukee River at Waubeka, Wis.					
Location		Lat 43°28'22", long 87°59'23", in SE 1/4 sec.28, T.12 N., R.21 E., Ozaukee County, on right bank 100 ft downstream from bridge on County Trunk Highway I, 800 ft downstream from recreation pond dam at Waubeka, and 2.4 mi downstream from North Branch Milwaukee River.					
1968	4/24/68	5.55	1,100	1975	3/23/75	11.35	6,990
1969	6/28/69	6.51	1,660	1976	4/25/76	7.45	2,420
1970	5/14/70 ¹	4.01	493	1977	3/11/77	5.20	924
1971	4/13/71 ¹	7.35	2,500	1978	5/15/78	7.73	2,640
1972	3/22/72	8.14	2,100	1979	3/24/79 ¹	8.93	3,820
1973	3/08/73	7.31	2,220	1980	9/22/80	7.65	2,580
1974	3/05/74	8.01	3,210	1981	2/24/81	6.92	1,400

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04086400							
Station name		Milwaukee River tributary near Fredonia, Wis.					
Location		Lat 43°26'28", long 87°55'38", in SE 1/4 sec.1, T.11 N., R.21 E., Ozaukee County, at culvert on country road, 2.3 mi southeast of Fredonia.					
1962	3/28/62	11.36	45	1973	5/27/73	12.41	90
1964	9/18/64	10.41	15	1974	3/03/74	12.50	95
1965	9/09/65	14.68	210	1975	3/22/75	12.00	70
1966	10/21/65	12.00	70	1976	3/26/76	11.04	36
1967	3/23/67	10.57	20	1977	9/24/77	11.12	39
1968	10/24/67	10.30	13	1978	5/13/78	12.71	100
1969	6/26/69	12.50	95	1979	4/30/79	12.78	108
1971	4/12/71	12.33	88	1980	8/08/80	12.00	70
1972	9/21/72	12.50	70				
Station number 04086500							
Station name		Cedar Creek near Cedarburg, Wis.					
Location		Lat 43°19'23", long 87°58'43", in SE 1/4 SW 1/4 sec.14, T.10 N., R.21 E., Ozaukee County, Hydrologic Unit 04040003, on left bank 40 ft upstream from bridge on State Highway 60, 1.9 mi north of Cedarburg, and 6.6 mi upstream from mouth.					
1931	6/23/31	5.90	177	1957	5/31/57	6.40	273
1932	11/25/31	6.70	450	1958	3/01/58	6.55	180
1933	4/01/33	9.00	1,470	1959	4/01/59	11.70	3,400
1934	4/04/34	6.50	352	1960	3/30/60	12.25	3,600
1935	3/06/35	9.80	1,100	1961	3/22/61	7.14	525
1936	3/14/36	9.00	710	1962	3/28/62	10.30	2,530
1937	4/22/37	8.80	1,350	1963	3/25/63	8.40	1,540
1938	9/19/38	9.10	1,520	1964	7/20/64	7.90	945
1939	3/24/39	7.40	702	1965	4/07/65	10.40	2,000
1940	6/23/40	11.05	3,180	1966	10/23/65	7.92	917
1941	3/24/41	8.90	410	1967	3/26/67	7.65	613
1942	6/13/42	7.90	850	1968	4/24/68	6.61	296
1943	3/25/43	8.90	1,100	1969	6/28/69	7.69	720
1944	3/16/44	8.20	440	1970	6/03/70	6.54	277
1945	3/15/45	6.80	406	1974	3/04/74	--	2,000
1946	3/07/46	11.00	3,140	1975	3/22/75	10.83	2,690
1947	3/25/47	8.20	580	1976	4/26/76	9.53	1,760
1948	3/19/48	9.00	1,610	1977	3/31/77 ¹	6.63	326
1949	4/01/49	6.70	386	1978	5/15/78	8.96	960
1950	3/27/50	11.10	3,230	1979	3/31/79 ¹	9.05	1,530
1951	3/30/51	8.80	1,470	1980	9/23/80	7.81	845
1952	3/20/52	11.40	3,500	1981	4/09/81 ¹	6.62	322
1953	6/06/53	8.86	1,540	1984	2/16/84	9.48	1,000
1954	6/23/54	8.20	1,000	1985	3/02/85	--	780
1955	10/4/54	9.45	1,920	1986	9/12/86 ¹	10.05	1,600
1956	7/13/56	6.85	433	1987	10/5/86	7.90	695

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04086600							
Station name		Milwaukee River near Cedarburg, Wis.					
Location		Lat 43°16'49", long 87°56'30", in NW 1/4 NW 1/4 sec.6, T.9 N., R.22 E., Ozaukee County, Hydrologic Unit 04040003, on right bank 60 ft downstream from Pioneer Road bridge, 2.6 mi southeast of Cedarburg, 1.0 mi west of I-43, and 26.25 mi upstream from mouth.					
1986	9/11/86	11.97	4,640	1988	1/31/88	12.27	2,600
1987	10/4/86	9.59	2,650				
Station number 04087000							
Station name		Milwaukee River at Milwaukee, Wis.					
Location		Lat 43°06'00", long 87°54'32", in NE 1/4 sec.5, T.7 N., R.22 E., Milwaukee County, Hydrologic Unit 04040003, on left bank near northeast limits of Milwaukee in Estabrook Park, 2,000 ft downstream from Port Washington Road bridge, and 6.6 mi upstream from mouth.					
1915	2/24/15	--	5,460	1952	3/22/52	7.13	7,010
1916	3/29/16	--	4,410	1953	6/05/53	6.89	6,580
1917	3/25/17	--	5,310	1954	6/22/54	5.62	4,030
1918	3/20/18	--	15,100	1955	10/4/54	5.92	4,590
1919	3/18/19	--	5,310	1956	5/10/56	5.65	3,940
1920	6/17/20	--	7,050	1957	5/13/57	4.34	2,040
1921	4/23/21	--	4,470	1958	9/24/58	4.63	2,440
1922	2/24/22	--	4,310	1959	4/03/59	7.92	8,780
1923	4/07/23	--	7,060	1960	3/31/60	8.05	9,300
1924	8/06/24	--	15,100	1961	9/13/61	5.41	3,740
1925	2/11/25	--	3,350	1962	3/28/62	6.28	5,400
1926	3/25/26	--	4,740	1963	3/28/63	4.96	2,980
1927	3/13/27	--	3,940	1964	7/18/64	5.92	4,690
1928	3/15/28	--	5,350	1965	4/08/65	6.45	5,740
1929	3/15/29	--	11,000	1966	2/12/66	6.27	5,380
1930	2/26/30	--	4,180	1967	8/06/67	5.18	3,470
1931	4/07/31	--	945	1968	6/23/68	6.08	4,960
1932	11/24/31	--	2,200	1969	6/26/69	5.54	4,060
1933	4/02/33	--	6,370	1970	9/24/70	5.17	3,450
1934	4/04/34	5.46	2,260	1971	4/13/71	5.60	4,130
1935	3/17/35	5.60	3,300	1972	9/18/72	6.24	5,090
1936	3/24/36	4.62	2,990	1973	4/21/73	9.29	12,600
1937	2/21/37	5.93	6,640	1974	3/04/74	6.61	6,190
1938	2/12/38	6.19	7,360	1975	3/24/75	7.53	8,100
1939	3/26/39	4.83	2,440	1976	3/04/76	6.59	6,050
1940	6/24/40	7.10	6,570	1977	6/11/77	6.39	5,650
1941	3/27/41	4.85	2,500	1978	7/02/78	7.46	7,920
1942	3/17/42	4.74	2,360	1979	3/23/79	6.34	5,550
1943	3/16/43	6.81	5,860	1980	10/29/79	5.26	3,600
1944	2/27/44	4.52	2,030	1981	7/13/81	6.19	5,160

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04087000--Continued							
1945	3/16/45	4.33	1,840	1982	4/03/82	5.90	4,630
1946	3/15/46	7.00	6,330	1983	8/17/83	5.95	4,720
1947	3/25/47	4.80	2,500	1984	7/10/84	6.57	5,880
1948	3/19/48	7.55	8,080	1985	9/08/85 ¹	5.12	3,310
1949	7/28/49	4.10	1,620	1986	9/11/86	6.35	5,920
1950	3/28/50	6.42	5,540	1987	10/4/86	4.96	3,260
1951	3/30/51	6.54	5,740	1988	1/19/88	5.14	3,560

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 04087030

Station name Menomonee River at Menomonee Falls, Wis.

Location Lat 43°10'22", long 88°06'14", in SE 1/4 NE 1/4 sec.10, T.8 N., R.20 E., Waukesha County, Hydrologic Unit 04040003, on right bank, 150 ft upstream from Pilgrim Road (County Trunk Highway YY) bridge in Menomonee Falls, at mile 21.1.

1980	8/04/80	5.25	412	1985	11/1/84 ¹	5.27	450
1981	7/13/81	6.57	1,010	1986	9/11/86	6.49	1,440
1982	4/04/82	5.20	430	1987	7/29/87	4.59	296
1983	8/17/83	5.71	572	1988	1/30/88	6.27	570
1984	7/10/84 ¹	5.90	727				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 04087050

Station name Little Menomonie River near Freistadt, Wis.

Location Lat 43°12'24", long 88°02'24", on common boundary of secs.29 and 32, T.9 N., R.21 E., Ozaukee County, at bridge on Donges Bay Road, 2.0 mi south of Freistadt

1958	3/--/58	10.32	63	1974	3/03/74	12.58	290
1959	4/02/59	11.78	200	1975	3/22/75	6.69	225
1960	9/19/60	12.70	305	1976	3/05/76	6.78	240
1961	10/31/60	10.88	105	1977	8/04/77	4.61	77
1962	3/26/62	11.29	150	1978	5/13/78	12.60	213
1963	3/24/63	11.10	123	1979	3/30/79	12.12	164
1964	7/18/64	12.96	340	1980	8/07/80	11.68	130
1965	9/09/65	12.00	225	1981	7/13/81	10.38	69
1966	10/21/65	12.60	300	1982	10/1/81	13.06	330
1967	6/11/67	10.35	70	1983	4/02/83	11.68	190
1968	6/28/68	10.78	100	1984	7/09/84	12.39	270
1969	6/26/69	11.89	215	1985	11/9/84	11.10	130
1970	5/13/70	11.36	160	1986	9/11/86	13.28	360
1971	3/28/71	11.30	200	1987	4/14/87	10.97	120
1972	12/15/71	11.45	165	1988	1/31/88	11.91	215
1973	4/21/73	13.14	360				

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04087088							
Station name		Underwood Creek at Wauwatosa, Wis.					
Location		Lat 43°03'17", long 88°02'46", in SW 1/4 NW 1/4 sec.20, T.7 N., R.21 E., Milwaukee County, Hydrologic Unit 04040003, at U.S. Highway 45, on right bank, just downstream of the Chicago, Milwaukee, St. Paul and Pacific Railroad bridge, on Milwaukee County Park Commission property, at Wauwatosa, and 0.8 mi upstream from mouth.					
1979	4/11/79 ¹	4.26	434	1984	6/22/84 ¹	5.09	812
1980	8/04/80	3.94	343	1985	9/09/85	5.77	1,160
1981	7/13/81	5.55	2,100	1986	6/27/86	6.24	1,460
1982	4/03/82 ¹	4.46	579	1987	8/15/87	5.70	1,120
1983	4/02/83	4.19	378	1988	1/19/88	6.32	1,480

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 04087100							
Station name		Honey Creek at Milwaukee, Wis.					
Location		Lat 42°58'41", long 87°59'52", in SE 1/4 sec.15, T.6 N., R.21 E., Milwaukee County, 400 ft upstream from bridge on S. 68th Street, 6.0 mi southwest of mouth of Milwaukee River, at Milwaukee.					
1959	7/18/59	--	240	1974	6/09/74	19.33	250
1960	8/02/60	--	285	1975	3/22/75	19.41	275
1961	9/22/61	--	230	1976	3/04/76	19.97	350
1962	8/24/62	--	140	1977	7/18/77	20.30	400
1963	8/12/63	--	115	1978	9/13/78	20.04	360
1964	7/18/64	19.40	259	1979	3/30/79	19.35	255
1965	8/08/65	--	185	1980	6/07/80	20.22	390
1966	2/09/66	--	190	1981	7/13/81	20.91	520
1967	6/11/67	19.03	210	1982	10/18/81	20.23	420
1968	9/24/68	19.02	210	1983	12/02/82	22.60	1,050
1969	6/29/69	20.00	290	1984	7/10/84	20.23	395
1970	6/02/70	19.60	310	1985	11/1/84	20.40	420
1971	2/19/71	18.49	150	1986	6/27/86	21.47	660
1972	9/18/72	21.54	680	1987	8/26/87	20.82	510
1973	4/21/73	21.40	640	1988	1/30/88	20.55	450

Station number 04087120							
Station name		Menomonee River at Wauwatosa, Wis.					
Location		Lat 43°02'44", long 87°59'59", in NE 1/4 NW 1/4 sec.27, T.7 N., R.21 E., Milwaukee County, Hydrologic Unit 04040003, on left bank near upstream side of 70th Street bridge in Wauwatosa, 800 ft downstream from Honey Creek, and at mile 6.2.					
1962	3/25/62	4.50	1,560	1976	3/04/76	9.09	4,590
1963	3/16/63	5.78	900	1977	7/17/77	6.68	2,470
1964	7/18/64	9.03	6,010	1978	5/13/78	8.73	5,070
1965	3/05/65	5.59	2,190	1979	8/09/79	6.96	3,200

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 04087120--Continued

1966	2/09/66	6.04	2,520	1980	9/09/80	6.92	3,150
1967	6/10/67	4.81	1,700	1981	7/13/81	9.58	6,120
1968	8/20/68	8.03	4,660	1982	8/02/82	8.46	4,740
1969	6/25/69	6.64	3,050	1983	8/17/83	10.55	7,560
1970	6/02/70	5.47	2,050	1984	7/10/84	6.10	2,480
1971	3/15/71	5.64	2,180	1985	9/08/85	7.35	3,610
1972	9/18/72	10.39	6,610	1986	8/06/86	13.13	10,600
1973	4/21/73	13.92	13,500	1987	4/14/87	6.17	2,560
1974	3/03/74	5.73	2,160	1988	1/19/88	6.96	3,110
1975	3/22/75	5.97	2,480				

Station number 04087159

Station name Kinnickinnic River at South 11th Street at Milwaukee, Wis.

Location Lat 42°59'51", long 87°55'35", in SW 1/4 NW 1/4 sec.8, T.6 N., R.22 E., Milwaukee County, Hydrologic Unit 04040003, on left bank 150 ft upstream from footbridge on South 11th Street, 3.2 mi upstream from mouth, at Milwaukee.

1983	12/02/82	12.37	2,430	1987	8/15/87	12.08	3,710
1985	11/01/84	11.53	2,760	1988	1/19/88	11.25	2,560

Station number 04087160

Station name Kinnickinnic River at Milwaukee, Wis.

Location Lat 42°59'88", long 87°55'13", in SE 1/4 NW 1/4 sec.8, T.6 N., R.22 E., Milwaukee County, on left bank 50 ft upstream from bridge on 7th Street, 0.3 mi west of intersection of Chicago and Northwestern Railroad and Interstate Highway 94.

1979	4/26/79	16.59	2,220	1981	7/13/81	17.38	2,580
1980	6/05/80	16.78	2,310	1982	8/02/82	16.91	2,360

Station number 04087200

Station name Oak Creek near South Milwaukee, Wis.

Location Lat 42°52'58", long 87°53'31", on common boundary of secs.21 and 22, T.5 N., R.22 E., Milwaukee County, at bridge on West Nicholson Road, 3.0 mi southwest of South Milwaukee.

1958	6/01/58	11.11	57	1974	3/04/74	16.24	255
1959	4/01/59	15.25	170	1975	4/28/75	14.91	195
1960	3/30/60	17.49	1,100	1976	3/05/76	16.59	580
1961	9/22/61	12.60	85	1977	7/18/77	14.35	145
1962	3/25/62	15.46	185	1978	9/13/78	16.67	600
1963	3/24/63	12.08	75	1979	3/02/79	16.67	600
1964	7/18/64	14.38	130	1980	6/05/80	15.24	240
1965	3/05/65	15.17	165	1981	9/17/81	15.46	265

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04087200--Continued							
1966	2/09/66	16.09	235	1982	4/07/82	16.07	390
1967	6/11/67	15.15	165	1983	12/2/82	16.54	570
1968	6/26/68	16.23	255	1984	4/29/84	15.48	270
1969	6/29/69	16.94	630	1985	1/09/85	15.19	225
1970	6/02/70	15.39	180	1986	3/05/86	16.12	410
1971	2/19/71	15.80	210	1987	4/22/87	15.53	280
1972	9/18/72	17.08	740	1988	1/30/88	16.01	380
1973	4/21/73	16.28	260				
Station number 04087204							
Station name		Oak Creek at South Milwaukee, Wis.					
Location		Lat 42°55'30", long 87°52'12", in NW 1/4 sec.2, T.5 N., R.22 E., Milwaukee County, Hydrologic Unit 04040002, on left bank 25 ft downstream from 15th Avenue bridge in South Milwaukee and 2.8 mi upstream from mouth.					
1964	7/18/64	7.17	398	1977	7/18/77	5.89	378
1965	3/05/65	6.20	480	1978	9/13/78	8.19	1,020
1966	2/10/66	6.38	526	1979	4/26/79	7.12	660
1967	6/11/67	6.71	612	1980	6/07/80	6.77	541
1968	6/26/68	7.52	606	1981	4/11/81	6.53	472
1969	6/30/69	7.58	704	1982	4/03/82	7.21	492
1970	6/02/70	6.63	399	1983	4/02/83	8.00	670
1971	2/20/71	6.46	441	1984	4/30/84	7.09	450
1972	9/18/72	8.23	916	1985	12/29/84	6.72	403
1973	4/21/73	7.10	774	1986	8/06/86	9.88	1,140
1974	3/03/74	7.33	839	1987	4/15/87	7.03	457
1975	4/28/75	6.72	581	1988	1/20/88	7.62	568
1976	3/04/76	7.90	935				
Station number 04087220							
Station name		Root River near Franklin, Wis.					
Location		Lat 42°52'25", long 87°59'45", in SE 1/4 sec.22, T.5 N., R.21 E., Milwaukee County, Hydrologic Unit 04040002, on right bank 400 ft upstream from State Highway 100, 2.1 mi upstream from Root River Canal, 2.4 mi southeast of Franklin, 5.5 mi southeast of Hales Corners, and about 24 mi upstream from mouth.					
1960	3/30/60	9.57	5,130	1976	3/05/76	8.58	2,160
1964	7/19/64	7.12	792	1977	7/19/77	6.76	534
1965	3/05/65	8.43	1,600	1978	9/13/78	7.50	980
1966	2/10/66	7.76	1,300	1979	3/19/79	7.71	1,300
1967	6/11/67	7.06	808	1980	6/06/80	6.98	860
1968	6/27/68	7.44	910	1981	4/11/81	7.33	474
1969	6/30/69	8.36	2,650	1982	3/14/82	7.89	556
1970	6/02/70	7.44	1,220	1983	4/03/83 ¹	8.54	1,080

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 04087220--Continued

1971	3/15/71 ¹	7.24	1,020	1984	2/13/84	7.69	550
1972	9/18/72	8.80	2,270	1985	2/24/85	7.88	698
1973	4/21/73	9.31	3,700	1986	3/11/86	8.10	708
1974	1/27/74	7.86	1,680	1987	8/17/87	7.78	579
1975	4/28/75	8.00	1,420	1988	1/20/88	8.15	530

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 04087230

Station name West Branch Root River Canal tributary near North Cape, Wis.
Location Lat 42°45'44", long 88°01'04", in SE 1/4 sec.33, T.4 N., R.21 E., Racine County, at culvert on County Trunk Highway U, 3.0 mi southeast of North Cape.

1962	3/25/62	11.93	108	1976	3/06/76	11.67	90
1963	3/24/63	10.46	30	1977	3/29/77	10.32	25
1964	7/18/64	11.37	70	1978	7/03/78	11.55	82
1965	4/03/65	10.94	47	1979	3/25/79	11.40	72
1966	2/09/66	12.49	150	1980	8/19/80	11.80	100
1967	6/11/67	11.30	65	1981	9/17/81	11.50	80
1968	6/26/68	11.18	60	1982	4/07/82	11.74	96
1969	6/29/69	11.91	107	1983	4/02/83	12.52	155
1970	3/20/70	11.78	98	1984	4/30/84	12.36	140
1971	2/19/71	11.80	100	1985	11/10/84	12.19	128
1972	4/16/72	11.61	85	1986	9/11/86	12.68	168
1973	4/21/73	10.96	48	1987	8/17/87	12.88	182
1974	3/04/74	11.92	105	1988	1/30/88	12.49	152
1975	3/18/75	10.54	32				

Station number 04087233

Station name Root River Canal near Franklin, Wis.
Location Lat 42°48'55", long 87°59'40", in SE 1/4 sec.10, T.4 N., R.21 E., Racine County, Hydrologic Unit 04040002, on right bank 10 ft downstream from highway bridge, 3.5 mi upstream from mouth, 5.5 mi southeast of intersection U.S. 45 and State Highway 100 in Franklin, and 8.7 mi southeast of Hales Corners.

1964	7/19/64	8.34	309	1977	3/29/77	3.86	108
1965	3/06/65	9.35	500	1978	8/20/78	9.25	990
1966	2/11/66	9.27	774	1979	3/20/79	9.85	1,060
1967	6/13/67	9.33	574	1980	8/20/80	7.71	437
1968	6/29/68	9.25	470	1981	4/11/81	8.81	673
1969	6/30/69	9.99	461	1982	7/23/82	8.33	552
1970	6/03/70	9.09	696	1983	4/03/83	10.00	1,140
1971	2/28/71	9.85	760	1984	4/24/84 ¹	8.45	583
1972	9/18/72	9.66	704	1985	2/25/85	9.58	942
1973	4/15/73	9.39	740	1986	3/10/86	9.97	1,120

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04087233--Continued							
1974	3/04/74	9.88	1,440	1987	4/15/87	9.48	901
1975	3/18/75	7.55	482	1988	4/06/88 ¹	9.17	788
1976	3/05/76	9.64	1,200				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 04087240

Station name Root River at Racine, Wis.

Location Lat 42°45'05", long 87°49'25", in NE 1/4 sec.6, T.3 N., R.23 E., Racine County, Hydrologic Unit 04040002, on left bank 30 ft downstream from State Highway 38 bridge in Racine, 350 ft downstream from Horlick Dam, and 5.2 mi upstream from mouth.

1964	7/20/64	4.68	997	1977	3/30/77	3.45	340
1965	3/06/65	5.61	1,610	1978	5/15/78	5.12	1,490
1966	2/12/66	8.13	2,500	1979	3/20/79	7.26	3,460
1967	6/13/67	6.53	2,250	1980	6/08/80	4.58	1,000
1968	6/30/68	5.42	1,470	1981	4/13/81	5.02	1,320
1969	7/01/69	6.25	2,150	1982	3/18/82	5.66	1,940
1970	6/04/70	5.10	1,280	1983	4/04/83	7.50	3,480
1971	3/01/71 ¹	5.50	1,560	1984	2/15/84	5.34	1,580
1972	9/20/72	6.54	2,740	1985	2/26/85	5.63	1,810
1973	4/22/73	7.88	3,790	1986	3/11/86	5.69	2,140
1974	3/05/74	8.54	4,500	1987	10/2/86	5.17	1,450
1975	3/19/75	5.64	1,930	1988	2/01/88	5.96	2,090
1976	3/06/76	6.73	2,930				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 04087250

Station name Pike Creek near Kenosha, Wis.

Location Lat 42°36'12", long 87°53'41", in W 1/2 sec.27, T.2 N., R.22 E., Kenosha County, at box culvert on State Highway 43, 3.0 mi northwest of Kenosha.

1960	3/30/60	16.86	170	1975	4/29/75	12.65	40
1961	3/21/61	14.06	65	1976	3/05/76	17.01	180
1962	3/25/62	14.88	85	1977	7/18/77	12.26	30
1963	7/19/63	13.30	43	1978	9/17/78	17.60	220
1964	7/18/64	11.71	20	1979	3/25/79	16.40	145
1965	4/01/65	13.48	55	1980	9/09/80	13.72	50
1966	10/21/65	17.47	210	1981	7/11/81	12.95	40
1967	6/11/67	13.29	42	1982	3/11/82	15.96	120
1968	6/26/68	13.18	40	1983	4/02/83	16.36	140
1969	6/29/69	15.30	85	1984	4/30/84	14.27	65
1970	6/02/70	14.79	75	1985	10/18/84	15.47	100
1971	2/19/71	14.89	85	1986	9/11/86	16.82	170
1972	9/13/72	15.92	110	1987	4/22/87	14.94	85
1973	4/21/73	15.10	90	1988	5/06/88	14.98	90
1974	3/04/74	15.19	95				

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 04087257							
Station name		Pike River near Racine, Wis.					
Location		Lat 42°38'49", long 87°51'38", in SE 1/4 NE 1/4 sec.11, T.2 N., R.22 E., Kenosha County, Hydrologic Unit 04040002, on right bank just downstream from unnamed tributary, 1.7 mi downstream from Pike Creek, 6.8 mi southwest of Racine Post Office, and 9.0 mi upstream from mouth.					
1974	3/03/74	7.71	1,240	1982	7/22/82 ¹	6.32	674
1976	3/04/76	8.15	1,480	1983	4/02/83	7.46	959
1977	6/30/77	4.11	200	1984	2/13/84	6.40	695
1978	8/19/78	7.91	1,340	1985	3/04/85	5.97	588
1979	4/26/79	7.40	1,100	1986	3/10/86	7.44	1,090
1980	9/17/80	5.04	443	1987	4/14/87	6.65	836
1981	4/11/81	6.70	820	1988	4/06/88	6.94	915

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05332500
Station name Namekagon River near Trego, Wis.
Location Lat 45°56'53", long 91°53'17", in SW 1/4 sec.17, T.40 N., R.12 W., Washburn County, Hydrologic Unit 07030002, at powerplant of Northern States Power Co., 4.0 mi downstream from Potato Creek, and 4.4 mi northwest of Trego.

1914	7/01/14	--	1,090	1943	6/06/43	--	1,190
1915	5/19/15	--	1,090	1944	6/07/44	--	2,210
1916	4/22/16	--	1,330	1945	6/17/45	--	1,760
1917	4/04/17	--	873	1946	6/28/46	--	1,120
1918	6/06/18	--	1,020	1947	4/24/47	--	959
1919	4/13/19	--	838	1948	3/27/48	--	957
1920	6/30/20	--	1,570	1949	7/09/49	--	1,170
1921	4/10/21	--	873	1950	4/19/50	--	2,160
1922	4/10/22	--	1,810	1951	4/15/51	--	1,500
1923	4/23/23	--	1,090	1952	7/22/52	--	1,480
1924	5/13/24	--	873	1953	5/23/53	--	1,330
1925	3/26/25	--	803	1954	5/04/54	--	2,140
1926	4/14/26	--	733	1955	7/06/55	--	1,120
1927	3/18/27	--	1,330	1956	6/16/56	--	1,630
1928	9/14/28	--	1,360	1957	6/24/57	--	1,120
1929	10/20/28	--	1,150	1958	7/03/58	--	2,380
1930	2/24/30	--	844	1959	5/07/59	--	886
1931	6/28/31	--	855	1960	5/23/60	--	1,420
1932	4/11/32	--	727	1961	5/17/61	--	1,480
1933	5/01/33	--	751	1962	5/26/62	--	1,200
1934	4/07/34	--	867	1963	4/02/63	--	657
1935	3/28/35	--	957	1964	5/09/64	--	1,280
1936	4/15/36	--	1,340	1965	4/13/65	--	1,640
1937	4/24/37	--	893	1966	3/18/66	--	1,280
1938	5/07/38	--	1,300	1967	4/03/67	--	1,740

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 05332500--Continued

1939	3/28/39	--	1,020	1968	6/22/68	--	1,380
1940	5/21/40	--	773	1969	4/12/69	--	1,740
1941	9/02/41	--	5,200	1970	6/01/70	--	927
1942	6/07/42	--	1,280	1988	9/22/88	--	1,200

Station number 05333100

Station name Little Frog Creek near Minong, Wis.

Location Lat 46°05'48", long 91°46'39", in NW 1/4 sec.29, T.42 N., R.11 W., Washburn County, at culvert on country road, 2.5 mi east of Minong.

1961	5/15/61	15.06	260	1975	6/29/75	13.52	144
1962	5/23/62	12.99	116	1976	3/30/76	15.38	318
1963	3/25/63	11.80	60	1977	9/24/77	13.02	118
1964	5/06/64	14.30	188	1978	8/23/78	15.79	424
1965	4/15/65	14.31	190	1979	5/10/79	13.65	150
1966	6/03/66	16.30	580	1980	5/10/80	11.36	42
1967	3/30/67	15.89	465	1981	6/13/81	15.46	330
1968	7/11/68	12.89	105	1982	5/11/82	16.31	600
1969	10/16/68	12.84	108	1983	4/22/83	14.34	190
1970	4/20/70	12.09	73	1984	6/12/84	15.74	410
1971	10/8/70	15.38	318	1985	6/26/85	14.41	195
1972	7/22/72	15.93	480	1986	3/31/86	16.08	515
1973	3/11/73	13.15	124	1987	5/19/87	13.86	40
1974	6/10/74	15.32	305	1988	11/17/87	14.48	200

Station number 05333500

Station name St. Croix River near Danbury, Wis.

Location Lat 46°04'28", long 92°14'50", in SW 1/4 sec.33, T.42 N., R.15 W., Burnett County, Hydrologic Unit 07030001, St. Croix National Scenic Waterway, on left bank at downstream side of bridge on State Highway 35, 3.5 mi downstream from Namekagon River, 10 mi northeast of Danbury, and at mile 129.2.

1914	4/24/14	4.15	4,030	1950	5/06/50	8.22	10,200
1915	6/19/15	4.47	4,640	1951	4/14/51	5.32	5,840
1916	4/22/16	6.73	8,480	1952	7/21/52	6.12	6,980
1917	7/21/17	3.05	2,840	1953	5/22/53	6.05	6,540
1918	6/02/18 ¹	3.15	3,000	1954	5/02/54	7.38	8,900
1919	4/11/19	3.50	3,330	1955	4/06/55 ¹	4.06	4,200
1920	7/02/20	5.55	6,300	1956	4/13/56 ¹	4.64	4,950
1921	4/08/21	2.78	2,630	1957	6/24/57 ¹	3.62	3,600
1922	4/11/22	6.15	7,380	1958	7/02/58	7.11	8,500
1923	4/23/23	3.41	3,290	1959	5/12/59	3.37	3,420
1924	5/11/24	3.24	3,100	1960	4/25/60	3.82	3,910
1925	3/28/25	3.12	2,970	1961	5/16/61	6.20	7,130

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05333500--Continued							
1926	4/17/26	2.20	2,030	1962	5/24/62	4.84	5,160
1927	3/19/27	5.70	6,540	1963	3/30/63	2.50	2,460
1928	9/17/28	3.80	3,690	1964	5/07/64	4.38	4,600
1929	3/31/29	3.60	3,460	1965	4/19/65	5.74	6,460
1930	5/14/30	3.28	3,130	1966	3/20/66 ¹	--	5,700
1931	6/24/31	3.25	3,080	1967	4/01/67	5.60	6,260
1932	4/08/32	3.35	3,240	1968	7/15/68	6.00	6,830
1933	4/03/33	3.55	3,160	1969	4/14/69	5.84	6,600
1934	4/08/34	5.45	5,090	1970	4/24/70	3.10	3,120
1935	3/23/35	5.50	5,630	1971	4/13/71 ¹	5.23	5,750
1936	4/16/36	5.07	4,980	1972	7/23/72	6.21	7,140
1937	4/22/37	3.47	3,400	1973	3/13/73	3.95	4,070
1938	5/07/38	4.12	4,000	1974	6/11/74	4.65	4,960
1939	3/31/39 ¹	4.67	4,920	1975	4/24/75	4.37	4,590
1940	5/16/40 ¹	3.01	2,930	1976	4/03/76	5.67	6,360
1941	9/04/41	7.16	8,630	1977	9/01/77	5.43	5,830
1942	5/03/42 ¹	3.45	3,480	1978	8/24/78 ¹	4.85	4,870
1943	6/04/43 ¹	4.06	4,250	1979	4/21/79	5.38	5,950
1944	6/06/44	7.47	8,990	1980	4/10/80 ¹	2.51	2,490
1945	3/19/45 ¹	5.50	5,600	1981	6/15/81	5.26	5,380
1946	6/25/46	6.25	6,900	1985	4/24/85 ¹	4.34	4,480
1947	4/13/47 ¹	3.73	3,530	1986	5/14/86	5.92	6,640
1948	3/27/48	4.52	4,450	1987	10/14/86 ¹	2.54	2,390
1949	5/07/49	4.64	4,580	1988	4/08/88 ¹	2.77	2,630

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05334100

Station name Sawyer Creek near Shell Lake, Wis.

Location Lat 45°46'08", long 91°544'40", in SE 1/4 sec.13, T.38 N., R.13 W., Washburn County, at box culvert on U.S. Highway 63, 2.0 mi north of Shell Lake.

1960	4/26/60	11.61	53	1972	4/17/72	12.48	75
1961	3/27/61	11.59	52	1973	3/11/73	10.82	32
1963	3/25/63	10.63	28	1974	4/09/74	10.63	28
1964	7/28/64	10.81	32	1975	4/23/75	10.49	25
1965	4/11/65	13.11	97	1976	3/30/76	12.21	70
1966	3/31/66	10.63	28	1977	7/04/77	11.21	40
1967	3/30/67	13.19	100	1978	4/09/78	10.35	22
1968	6/30/68	12.81	88	1979	3/20/79	11.64	53
1969	4/05/69	11.32	45	1980	4/09/80	11.77	57
1971	4/10/71	12.17	68				

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05335380							
Station name		Bashaw Brook near Shell Lake, Wis.					
Location		Lat 45°47'02", long 92°07'51", in SW 1/4 sec.8, T.38 N., R.14 W., Burnett County, at twin box culverts on country road, 10.5 mi northwest of Shell Lake.					
1959	4/---/59	11.32	50	1974	6/10/74	12.41	92
1960	3/30/60	13.35	172	1975	6/14/75	11.85	68
1961	5/14/61	12.36	89	1976	3/30/76	12.66	105
1962	5/19/62	11.72	64	1977	9/25/77	10.57	28
1963	3/25/63	12.06	77	1978	4/10/78	11.99	74
1964	5/08/64	11.43	53	1979	4/04/79	12.51	98
1965	4/11/65	14.90	600	1980	9/04/80	12.53	98
1966	3/04/66	13.13	132	1981	8/26/81	12.65	105
1967	3/30/67	13.93	273	1982	3/30/82	11.29	48
1968	9/23/68	12.54	98	1983	3/04/83	14.16	375
1969	4/07/69	12.82	115	1984	6/12/84	13.65	230
1970	4/07/70	10.43	24	1985	10/27/84	11.97	73
1971	4/10/71	12.91	130	1986	3/31/86	13.63	225
1972	7/23/72	11.14	44	1987	7/24/87	12.10	78
1973	3/13/73	13.32	160	1988	3/08/88	11.90	70
Station number 05336000							
Station name		St. Croix River near Grantsburg, Wis.					
Location		Lat 45°55'26", long 92°38'21", near center of sec.30, T.40 N., R.18 W., Burnett County, on left bank at Norway Point, 0.5 mi downstream from Sand Creek, 10 mi north from Grantsburg, and at mile 102.4.					
1923	4/24/23	7.65	5,920	1947	4/15/47	8.30	7,060
1924	5/13/24	8.25	7,000	1948	3/29/48	9.56	8,700
1925	3/27/25	7.90	6,460	1949	5/08/49	11.44	13,400
1926	9/20/26	6.68	4,180	1950	5/07/50	15.06	26,300
1927	3/18/27	11.40	13,300	1951	4/15/51	11.78	14,500
1928	4/01/28	9.05	8,500	1952	7/22/52	13.20	19,000
1929	4/01/29	8.64	7,740	1953	5/23/53	12.42	16,300
1930	6/07/30	7.70	5,850	1954	5/03/54	13.81	21,100
1931	6/25/31	8.70	7,560	1955	4/03/55	9.64	9,660
1932	4/10/32	9.06	8,280	1956	4/06/56	11.31	12,600
1933	4/02/33	7.06	4,890	1957	6/25/57	9.92	10,000
1934	4/09/34	7.84	6,020	1958	7/03/58	13.00	18,300
1935	3/24/35	11.24	12,600	1959	6/02/59	8.57	7,550
1936	4/13/36	11.42	13,300	1960	4/16/60 ¹	8.70	7,770
1937	4/16/37	8.20	6,730	1961	5/17/61	12.48	16,500
1938	5/08/38	11.08	12,600	1962	5/26/62	10.75	11,500
1939	3/30/39 ¹	10.50	10,500	1963	3/31/63	7.37	5,360
1940	4/10/40	9.13	7,830	1964	5/08/64	10.88	11,800
1941	9/17/41	11.67	12,700	1965	4/18/65 ¹	12.64	16,800
1942	5/04/42	9.08	7,850	1966	3/20/66 ¹	--	11,700

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05336000--Continued							
1943	6/04/43 ¹	10.20	9,800	1967	4/02/67	11.92	14,700
1944	6/07/44	12.79	15,900	1968	7/17/68	9.82	9,320
1945	3/20/45	12.19	14,400	1969	4/12/69	12.07	15,100
1946	6/27/46	12.51	15,100	1970	4/25/70	8.80	7,550

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05340300

Trade River near Frederic, Wis.
 Station name Lat 45°37'41", long 92°29'19", in SW 1/4 sec.4, T.36 N., R.17 W., Polk
 Location County, at box culvert on State Highways 35 and 48, 2.5 mi southwest of Frederic.

1958	7/09/58	10.26	45	1974	4/12/74	11.88	135
1959	7/08/59	11.67	123	1975	4/23/75	11.60	120
1960	8/28/60	17.85	750	1976	3/30/76	11.48	110
1961	3/27/61	11.44	110	1977	3/12/77	11.97	145
1962	5/19/62	10.94	78	1978	7/02/78	11.60	120
1963	8/12/63	10.40	50	1979	4/04/79	11.26	97
1964	5/05/64	10.26	45	1980	9/04/80	11.50	112
1965	5/06/65	11.68	124	1981	6/14/81	15.85	360
1966	3/29/66	11.86	130	1982	5/13/82	11.31	100
1967	3/30/67	13.25	223	1983	10/20/82	11.27	95
1968	7/13/68	15.12	330	1984	6/12/84	18.89	1,050
1969	4/09/69	11.04	85	1985	6/29/85	12.93	200
1970	4/07/70	11.84	135	1986	3/30/86	14.18	220
1971	4/10/71	11.80	130	1987	7/24/87	10.89	60
1972	7/22/72	13.02	210	1988	5/09/88	11.37	60
1973	3/11/73	11.15	90				

Station number 05340500

St. Croix River at St. Croix Falls, Wis.
 Station name Lat 45°24'25", long 92°38'49", in SW 1/4 NW 1/4 sec.30, T.34 N., R.18 W.,
 Location Polk County, Hydrologic Unit 07030005, St. Croix National Scenic
 Riverway, on left bank, 1,500 ft downstream from powerplant of Northern
 States Power Co., in St. Croix Falls, and at mile 52.2.

1902	7/10/02	--	12,900	1948	4/10/48	8.93	18,500
1903	4/12/03	--	20,200	1949	5/08/49	11.26	23,800
1904	10/12/03	--	23,600	1950	5/08/50	25.19	54,900
1905	10/22/04	--	18,700	1951	4/15/51	15.70	33,700
1910	3/21/10	--	9,870	1952	7/23/52	19.80	43,000
1911	5/23/11	--	7,500	1953	5/24/53	15.20	32,600
1912	5/06/12	--	33,500	1954	5/04/54	20.40	44,400
1913	5/22/13	--	8,980	1955	4/04/55	10.48	22,000
1914	6/29/14	--	15,300	1956	4/07/56	14.77	31,600
1915	6/22/15	--	15,100	1957	6/24/57	12.19	25,800

ANNUAL PEAK DATA AT GAGING STATIONS

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05340500--Continued							
1916	4/23/16	--					
1917	4/05/17	--	35,100	1958	7/04/58		
1918	6/03/18	--	17,700	1959	6/03/59	13.25	28,200
1919	4/12/19	--	10,100	1960	4/03/60	7.16	14,500
1920	3/26/20	--	14,900	1961	5/18/61	8.13	16,700
1921	4/09/21	--	35,800	1962	5/26/62	12.95	27,500
1922	4/10/22	--	11,500	1963	3/30/63	14.12	30,100
1923	4/28/23	--	18,600	1964	5/09/64	5.40	10,500
1924	5/15/24	--	8,880	1965	4/18/65	13.05	27,700
1925	4/26/25	--	9,800	1966	3/18/66	20.98	45,700
1926	9/22/26	--	5,860	1967	4/02/67	16.53	35,600
1927	3/18/27	--	6,140	1968	6/24/68	15.64	33,600
1928	3/30/28	--	27,600	1969	4/13/69	9.49	19,700
1929	4/01/29	--	21,800	1970	4/27/70	19.19	41,600
1930	5/16/30	--	16,900	1971	4/14/71	9.61	20,000
1931	6/26/31	--	17,500	1972	7/25/72	16.00	34,400
1932	4/10/32	--	16,600	1973	3/18/73	20.09	43,700
1933	5/04/33	--	18,500	1974	6/13/74	11.89	25,100
1934	4/12/34	--	7,060	1975	4/25/75	12.29	26,000
1935	3/25/35	--	12,100	1976	4/03/76	15.94	34,200
1936	4/15/36	--	26,400	1977	9/26/77	25.19	35,600
1937	4/15/37	--	31,000	1978	4/09/78	7.63	15,600
1938	5/09/38	--	12,500	1979	4/23/79	12.58	26,700
1939	3/31/39	--	30,000	1980	4/07/80	15.99	34,400
1940	5/18/40	7.12	24,800	1981	6/16/81	7.10	13,400
1941	4/08/41	13.88	14,300	1982	4/19/82	12.07	25,600
1942	5/16/42	8.97	29,600	1983	3/09/83	14.34	30,600
1943	6/04/43	13.42	18,600	1984	6/13/84	11.30	23,700
1944	6/07/44	17.20	28,500	1985	4/26/85	16.45	35,400
1945	3/20/45	20.53	37,100	1986	5/14/86	12.96	27,600
1946	6/27/46	16.50	44,600	1987	10/21/86	17.17	37,000
1947	4/14/47	8.90	35,500	1988	4/07/88	5.55	9,530
			18,400			6.39	11,600

Station number 05341500

Station name

Location

Apple River near Somerset, Wis.
 Lat 45°09'27", long 92°42'59", in sec.21, T.31 N., R.19 W., St. Croix County,
 Hydrologic Unit 07030005, at powerplant of Northern States Power Co.,
 3.5 mi downstream from Somerset.

1	4/20/11	--				
2	5/24/12	--	540	1942	6/09/42	
3	4/03/13	--	930	1943	6/17/43	--
4	6/29/14	--	990	1944	6/07/44	--
	4/07/15	--	870	1945	3/18/45	--
	4/23/16	--	824	1946	6/27/46	--
			1,800	1947	4/13/47	--
						1,150

MOD-FREQUENCY CHARACTERISTICS OF WISCONSIN STREAMS

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05341500--Continued							
1917	4/06/17	--	966	1948	3/28/48	--	1,780
1918	6/03/18	--	1,160	1949	3/29/49	--	942
1919	4/12/19	--	1,120	1950	4/03/50	--	1,290
1920	3/26/20	--	1,370	1951	4/14/51	--	1,930
1921	3/29/21	--	671	1952	4/10/52	--	2,380
1922	4/11/22	--	1,420	1953	3/23/53	--	1,300
1923	4/14/23	--	1,060	1954	5/05/54	--	2,200
1924	4/08/24	--	537	1955	4/07/55	--	760
1925	3/24/25	--	598	1956	4/08/56	--	1,540
1926	3/25/26	--	932	1957	3/25/57	--	890
1927	3/18/27	--	982	1958	4/10/58	--	703
1928	3/27/28	--	1,160	1959	9/03/59	--	495
1929	3/20/29	--	1,140	1960	5/27/60	--	1,060
1930	2/26/30	--	919	1961	3/31/61	--	981
1931	11/21/30	--	381	1962	9/13/62	--	1,400
1932	4/08/32	--	1,220	1963	5/15/63	--	1,040
1933	4/01/33	--	1,300	1964	4/20/64	--	860
1934	4/05/34	--	1,670	1965	4/13/65	--	2,510
1935	3/24/35	--	814	1966	3/20/66	--	1,060
1936	4/12/36	--	1,690	1967	4/02/67	--	1,920
1937	5/27/37	--	558	1968	9/26/68	--	890
1938	9/12/38	--	2,160	1969	4/13/69	--	1,330
1939	3/26/39	--	1,570	1970	6/03/70	--	1,040
1940	4/09/40	--	1,010	1987	3/25/87	--	690
1941	4/04/41	--	1,400	1988	3/11/88	--	536
Station number 05341700							
Station name		Willow River tributary near New Richmond, Wis.					
Location		Lat 45°05'23", long 92°28'41", in NW 1/4 sec.17, T.30 N., R.17 W., Pierce County, at twin box culverts on County Trunk Highway GG, 3.6 mi southeast of New Richmond.					
1959	3/—/59	10.54	4	1970	4/06/70	11.86	66
1960	8/28/60	12.20	92	1971	8/18/71	12.86	100
1961	9/08/61	11.78	62	1972	7/22/72	11.40	32
1962	8/23/62	11.88	70	1973	3/11/73	11.84	65
1963	8/02/63	11.34	25	1974	4/05/74	11.71	55
1964	5/23/64	10.69	6	1975	6/12/75	12.13	86
1965	7/01/65	12.26	96	1976	3/30/76	11.19	17
1966	6/06/66	11.95	74	1977	3/12/77	12.04	80
1967	3/29/67	12.72	70	1978	7/02/78	12.50	112
1968	9/23/68	11.80	64	1979	7/19/79	12.63	130
1969	4/07/69	11.12	15	1980	9/04/80	12.75	134

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05341900							
Station name		Kinnickinnic River tributary at River Falls, Wis.					
Location		Lat 44°49'57", long 92°38'23", in NE 1/4 sec.14, T.27 N., R.19 W., Pierce County, at bridge on County Trunk Highway Ff, 1.6 mi southwest of River Falls.					
1959	7/08/59	11.98	580	1975	6/12/75	13.93	2,000
1960	5/20/60	10.46	80	1976	3/19/76	11.78	480
1961	3/27/61	10.92	160	1977	8/31/77	13.62	1,700
1962	7/02/62	10.72	105	1978	7/02/78	15.95	5,100
1963	5/10/63	10.67	100	1979	8/09/79	11.86	520
1965	6/01/65	15.06	3,420	1980	6/06/80	14.16	2,170
1966	3/04/66	11.83	500	1981	5/04/81	12.38	770
1967	3/27/67	11.04	200	1983	10/20/82	13.35	1,430
1968	9/22/68	11.74	460	1984	4/30/84	12.72	980
1970	7/18/70	10.49	80	1985	3/04/85	12.94	1,130
1971	8/18/71	11.56	380	1986	9/09/86	13.82	1,900
1972	7/22/72	11.56	380	1987	6/28/87	12.84	1,060
1973	3/14/73	11.25	270	1988	8/09/88	15.99	5,200
1974	4/05/74	12.08	620				
Station number 05346600							
Station name		Little Trimbelle Creek near Bay City, Wis.					
Location		Lat 44°38'01", long 92°34'09" in S 1/2 sec.21, T.25 N., R.18 W., Pierce County, at bridge on County Trunk Highway K, 7.0 mi northwest of Bay City.					
1961	3/27/61	10.84	470	1969	7/08/69	10.71	425
1962	3/28/62	11.60	810	1973	9/26/73	10.73	430
1963	3/25/63	10.84	470	1974	4/05/74	11.00	530
1964	3/13/64	10.47	350	1976	3/19/76	11.01	540
1965	4/07/65	12.74	1,700	1977	8/31/77	11.14	595
1966	3/04/66	12.84	1,780	1978	7/02/78	13.93	3,100
1967	3/28/67	12.60	1,550	1979	8/22/79	11.12	590
1968	5/15/68	13.29	2,300	1980	4/09/80	11.98	1,050
Station number 05356000							
Station name		Chippewa River at Bishops Bridge, near Winter, Wis.					
Location		Lat 45°50'57", long 91°04'44", in SW 1/4 NE 1/4 sec.23, T.39 N., R.6 W., Sawyer County, Hydrologic Unit 07050001, on right bank 15 ft upstream from highway bridge on County Trunk Highway G, 3.2 mi downstream from Lake Chippewa Dam, and 3.7 mi northwest of Winter.					
1912	5/06/12	--	2,820	1952	7/22/52	7.72	3,340
1913	4/11/13	--	4,410	1953	7/06/53	8.18	4,070
1914	5/03/14	7.70	3,280	1954	5/04/54	10.25	6,800
1915	6/09/15	7.70	3,680	1955	10/15/54	7.02	2,490

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05356000--Continued							
1916	4/22/16	9.60	7,020	1956	10/4/55	5.67	1,100
1917	4/21/17	7.40	3,260	1957	10/1/56	5.34	818
1918	6/01/18	7.30	3,120	1958	7/09/58	7.84	3,480
1919	4/15/19	7.35	3,190	1959	9/01/59	7.35	2,890
1920	3/31/20	7.70	3,680	1960	9/03/60	8.52	4,630
1921	4/30/21	7.20	2,980	1961	5/23/61	6.29	1,670
1922	4/12/22	9.30	6,420	1962	9/11/62	7.01	2,480
1923	8/15/23	7.75	3,750	1963	11/6/62 ¹	5.82	1,240
1924	9/14/24	6.70	2,310	1964	11/25/63	5.64	1,080
1925	2/14/25	6.30	1,800	1965	5/19/65	7.35	2,890
1926	9/20/26	8.50	4,920	1966	4/28/66	7.46	2,940
1927	11/16/26	7.60	3,360	1967	6/18/67	9.92	6,460
1928	9/17/28	7.90	3,810	1968	6/21/68	8.63	4,780
1929	10/18/28	7.90	3,810	1969	10/14/68	7.64	3,190
1930	11/29/29	6.40	1,870	1970	12/2/69	6.24	1,610
1931	12/12/30	5.95	1,450	1971	2/16/71	7.66	3,290
1934	8/03/34	5.30	819	1972	8/21/72	9.61	5,930
1935	1/18/35	6.30	1,780	1973	11/10/72	7.50	2,990
1936	5/14/36	7.00	2,600	1974	10/11/73	7.76	3,390
1937	11/20/36	5.75	1,200	1975	11/11/74	6.19	1,620
1938	5/05/38	7.83	3,650	1976	4/01/76	7.80	3,450
1939	6/15/39	8.55	4,660	1977	9/25/77	8.10	3,920
1940	9/05/40	6.75	2,050	1978	8/29/78	8.58	4,700
1941	9/04/41	11.05	7,520	1979	6/21/79	6.99	2,460
1942	6/06/42	7.56	3,260	1980	9/21/80	6.29	1,720
1943	6/15/43	8.19	4,130	1981	6/20/81	9.40	5,460
1944	6/08/44	8.85	5,060	1982	5/18/82	7.17	2,590
1945	6/16/45	7.70	3,340	1983	10/30/82	6.70	2,080
1946	6/29/46	10.70	7,220	1984	6/12/84	7.68	3,190
1947	6/17/47	6.52	2,030	1985	4/25/85	7.11	2,520
1948	10/27/47	5.41	919	1986	10/9/85	9.98	6,290
1949	11/13/48	5.16	722	1987	10/22/86	7.60	3,090
1950	5/11/50	10.07	6,650	1988	4/16/88	6.56	1,940
1951	7/09/51	7.89	3,620				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05356200

Station name Kenyon Creek near Radisson, Wis.

Location Lat 45°46'02", long 91°06'40", in NW 1/4 sec.22, T.38 N., R.6 W., Sawyer County, at bridge on State Highway 27, 5.0 mi east of Radisson.

1960	4/26/60	11.07	105	1971	4/08/71	12.20	242
1961	4/17/61	11.35	130	1972	4/18/72	11.81	192
1962	5/19/62	10.95	95	1973	3/11/73	12.45	276
1964	9/02/64	10.41	60	1974	4/05/74	12.06	222
1965	4/14/65	12.42	280	1975	8/19/75	12.23	246
1966	4/20/66	10.93	100	1976	3/24/76	11.73	182

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05356200--Continued							
1967	3/31/67	12.85	330	1977	8/31/77	10.62	75
1968	7/14/68	12.14	235	1978	7/06/78	13.05	360
1969	4/07/69	11.19	130	1979	6/17/79	11.10	120
1970	5/30/70	11.66	225	1980	9/04/80	11.38	155
Station number 05356500							
Station name		Chippewa River near Bruce, Wis.					
Location		Lat 45°27'08", long 91°15'39", in SE 1/4 sec.5, T.34 N., R.7 W., Rusk County, Hydrologic Unit 07050001, on right bank 1.0 mi east of Bruce and 1.0 mi downstream from Thornapple River.					
1914	4/30/14	--	8,720	1952	4/09/52	11.11	9,630
1915	5/18/15	--	6,000	1953	5/22/53	14.44	14,500
1916	4/22/16	--	13,600	1954	5/02/54	17.00	19,400
1917	4/21/17	--	7,240	1955	10/16/54	8.72	6,660
1918	6/02/18	--	9,520	1956	4/06/56	12.72	11,900
1919	4/11/19	--	8,680	1957	6/23/57	6.82	4,620
1920	3/27/20	--	14,100	1958	7/02/58	11.00	9,500
1921	4/29/21	--	8,780	1959	7/09/59	8.82	6,780
1922	4/10/22	--	15,100	1960	8/29/60	12.41	11,500
1923	4/21/23	--	9,060	1961	5/16/61	9.50	7,600
1924	4/26/24	--	11,300	1962	5/20/62	7.94	5,980
1925	3/28/25	--	3,620	1963	3/31/63 ¹	5.73	3,700
1926	9/19/26	--	12,900	1964	4/22/64 ¹	6.40	4,350
1927	3/17/27	--	11,000	1965	4/15/65	15.19	12,300
1928	3/27/28	--	8,080	1966	3/18/66	10.16	8,510
1929	10/19/28	--	6,920	1967	4/01/67	17.48	19,000
1930	6/14/30	--	3,380	1968	7/01/68	13.37	13,100
1931	6/11/31	--	3,480	1969	4/10/69	10.83	9,810
1932	4/08/32	--	7,950	1970	6/01/70	11.00	10,400
1933	4/01/33	--	4,470	1971	4/10/71	13.62	15,200
1934	4/06/34	--	7,950	1972	4/18/72	9.47	8,220
1935	3/24/35	--	13,800	1973	3/15/73	14.94	17,100
1936	4/12/36	13.00	12,100	1974	4/14/74	10.54	9,770
1937	4/22/37	8.38	5,890	1975	4/19/75	10.14	9,170
1938	5/06/38	12.94	12,000	1976	3/30/76	12.23	12,500
1939	3/27/39	13.18	12,400	1977	9/26/77	11.29	10,900
1940	4/10/40	9.15	7,040	1978	7/06/78	8.88	7,470
1941	9/01/41	20.46	25,800	1979	4/13/79	7.02	7,950
1942	5/31/42	11.52	10,200	1980	9/05/80	10.09	9,430
1943	6/28/43	15.84	17,000	1981	6/22/81	8.95	7,860
1944	4/25/44	9.82	7,990	1982	4/17/82	11.28	11,100
1945	6/03/45	14.04	13,900	1983	3/07/83	12.90	13,600
1946	6/28/46	12.12	11,000	1984	6/13/84	8.27	6,970
1947	6/05/47	7.60	5,410	1985	9/10/85	8.22	6,910

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05356500--Continued							
1948	3/27/48	8.09	5,960	1986	4/01/86	15.18	17,500
1949	5/06/49	9.27	7,360	1987	10/13/86 ¹	6.66	5,040
1950	4/18/50	12.70	11,900	1988	3/26/88	6.82	3,300
1951	4/12/51	13.06	12,500				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05357360

Station name Bear River near Powell, Wis.

Location Lat 46°04'40", long 90°00'52", in NE 1/4 sec.32, T.42 N., R.4 E., Iron County, at bridge on State Highway 182, 3.0 mi west of Powell.

1970	4/13/70	11.35	270	1980	--	--	<225
1971	4/12/71	12.75	700	1981	6/15/81	11.94	400
1972	8/18/72	12.65	560	1982	4/16/82	12.83	720
1973	5/02/73	12.82	625	1983	4/04/83	12.19	470
1974	4/12/74	11.54	305	1984	10/11/83	11.13	235
1975	4/23/75	10.95	205	1985	9/03/85	12.87	650
1976	5/29/76	12.53	605	1986	4/01/86	12.67	565
1977	8/31/77	11.14	235	1987	4/05/87	11.17	240
1978	8/22/78	12.79	715	1988	4/04/88	11.33	265
1979	4/23/79	12.64	650				

Station number 05357390

Station name Weber Creek near Mercer, Wis.

Location Lat 46°11'16", long 90°07'57", in SE 1/4 sec.21, T.43 N., R.3 E., Iron County, at culvert on U.S. Highway 51, 3.7 mi northeast of Mercer.

1970	5/30/70	12.48	234	1980	9/13/80	11.18	76
1971	4/11/71	11.86	134	1981	6/15/81	11.33	85
1972	8/17/72	12.65	270	1982	4/16/82	11.89	140
1973	5/02/73	10.94	65	1983	4/04/83	11.10	70
1974	4/13/74	11.75	122	1984	4/06/84	10.57	43
1975	4/23/75	11.66	112	1985	9/03/85	11.45	95
1976	4/07/76	12.10	140	1986	4/01/86	11.76	123
1977	8/31/77	10.52	43	1987	--	--	<36
1978	8/22/78	12.22	185	1988	4/04/88	10.84	56
1979	6/16/79	10.55	42				

Station number 05357500

Station name Flambeau River at Flambeau Flow (Flambeau Reservoir), Wis.

Location Lat 46°04'05", long 90°13'45", near north line of sec.3, T.41 N., R.2 E., Iron County, on right bank 0.5 mi downstream from Flambeau Flowage, 10.6 mi southwest of Mercer, and at mile 114.5.

1928	2/14/28	5.80	1,410	1945	6/08/45	6.75	2,000
1929	10/21/28	6.76	2,140	1946	7/25/46	5.22	964

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05357500--Continued							
1930	8/14/30	4.75	714	1947	6/11/47	6.29	1,760
1931	10/04/30	4.58	616	1948	5/24/48	4.64	585
1932	2/03/32	4.80	727	1949	7/06/49	5.67	1,250
1933	10/1/32	4.75	643	1950	5/21/50	6.08	1,580
1934	5/26/34	4.52	565	1951	6/28/51	7.32	2,460
1935	7/07/35	7.00	2,300	1952	7/22/52	8.40	3,440
1936	5/08/36	7.37	2,600	1953	7/02/53	7.10	2,200
1937	9/17/37	4.68	630	1954	5/03/54	8.38	3,420
1938	6/04/38	7.28	2,520	1955	10/21/54	6.71	1,910
1939	5/28/39	8.39	3,440	1956	2/13/56	5.65	1,180
1940	6/05/40	6.31	1,740	1957	3/20/57	5.01	761
1941	10/1/40	5.28	1,030	1958	2/13/58	5.00	755
1942	7/22/42	8.25	3,260	1959	3/04/59	4.95	724
1943	6/15/43	7.92	3,000	1960	10/31/59	6.99	2,190
1944	6/12/44	6.89	2,200	1961	10/1/60	6.14	1,530

Station number 05358000

Station name Flambeau River near Butternut, Wis.

Location Lat 46°00'35", long 90°22'10", in lot 10, sec.28, T.41 N., R.1 E., Ashland County, 2.5 mi downstream from Deer Creek and 6 mi east of Butternut.

1915	6/10/15	6.20	2,840	1927	7/17/27	5.20	2,160
1916	4/22/16	9.10	5,530	1928	5/05/28	4.60	1,830
1917	4/26/17	4.20	1,500	1929	10/22/28	5.70	2,580
1918	6/03/18	4.55	1,720	1930	11/2/29	2.70	808
1919	7/07/19	6.25	2,880	1931	10/11/30	2.70	808
1920	6/12/20	6.50	3,080	1932	6/11/32	2.85	855
1921	4/08/21	5.80	2,560	1933	4/19/33	2.60	762
1922	4/09/22	7.16	3,620	1934	6/26/34	2.80	808
1923	4/25/23	6.90	3,400	1935	7/07/35	5.70	2,510
1924	5/14/24	5.25	2,180	1936	5/09/36	6.50	3,370
1925	4/25/25	3.15	962	1937	9/02/37	2.95	855
1926	7/10/26	3.60	1,170	1938	6/06/38	6.10	2,960

Station number 05358100

Station name Smith Creek near Park Falls, Wis.

Location Lat 45°57'06", long 90°28'07", in NE 1/4 sec.15, T.40 N., R.1 W., Price County, at culvert on State Highway 13, 1.5 mi northwest of Park Falls.

1970	5/30/70	13.68	270	1980	9/13/80	12.76	188
1971	4/12/71	12.90	200	1981	6/13/81	11.81	110
1972	4/17/72	14.26	320	1982	4/16/82	13.05	212
1973	5/02/73	12.72	184	1983	4/04/83	12.58	172
1974	4/12/74	12.13	134	1984	4/06/84	11.53	90
1975	4/24/75	12.90	200	1985	9/08/85	14.49	330

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 05358100--Continued

1976	3/26/76	12.14	135	1986	4/01/86	13.75	278
1977	8/27/77	12.18	140	1987	7/22/87	11.12	65
1978	8/22/78	12.35	152	1988	4/04/88	12.32	480
1979	4/20/79	12.55	169				

Station number 05358500

Station name Flambeau River at Babbs Island near Winter, Wis.

Location Lat 45°46'07", long 90°45'41", in SE 1/4 sec.17, T.38 N., R.3 W., Sawyer County, on right bank 3.6 mi upstream from Connors Creek, 11.5 mi upstream from South Fork Flambeau River, 13 mi east of Winter, and at mile 61.9.

1930	5/18/30	--	1,170	1953	5/22/53	7.26	6,890
1931	6/27/31	--	2,010	1954	5/01/54	6.70	6,170
1932	4/13/32	--	1,550	1955	4/03/55	4.93	3,600
1933	4/20/33	--	2,010	1956	4/08/56 ¹	4.66	3,700
1934	9/26/34	--	2,550	1957	4/21/57 ¹	3.12	1,960
1935	7/03/35	4.98	4,200	1958	7/02/58	5.99	5,310
1936	4/16/36	5.47	4,900	1959	9/07/59	4.89	3,740
1937	4/25/37	3.19	1,870	1960	4/24/60	5.18	4,330
1938	5/07/38	5.49	4,900	1961	5/15/61	4.19	3,130
1939	6/12/39	6.52	6,400	1962	5/19/62 ¹	2.98	1,830
1940	6/07/40 ¹	4.04	2,960	1963	3/31/63 ¹	3.15	1,980
1941	9/01/41	7.08	7,250	1964	4/13/64	3.54	2,370
1942	6/13/42 ¹	4.80	3,920	1965	4/17/65	6.03	5,360
1943	6/17/43	7.67	7,380	1966	3/18/66	7.01	5,000
1944	6/06/44	6.18	5,560	1967	4/02/67	8.58	8,540
1945	6/03/45	5.74	4,960	1968	7/01/68	5.79	5,070
1946	6/25/46	9.45	9,440	1969	4/10/69	4.78	3,800
1947	4/06/47	5.70	3,000	1970	6/01/70	6.53	5,970
1948	3/27/48 ¹	--	2,200	1971	4/10/71	5.41	4,600
1949	7/06/49	7.34	6,770	1972	8/18/72	6.40	5,680
1950	4/19/50	6.64	6,050	1973	3/16/73 ¹	6.29	5,440
1951	4/11/51	5.77	5,080	1974	4/22/74	4.28	3,240
1952	7/23/52	6.52	5,930	1975	4/24/75	5.62	4,860

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05359200

Station name South Fork Flambeau River tributary near Park Falls, Wis.

Location Lat 45°46'35", long 90°20'55", in SW 1/4 sec.15, T.40 N., R.1 E., Price County, at culvert on State Highway 182, 5.1 mi east of Park Falls.

1960	4/24/60	11.32	35	1973	3/11/73	10.53	32
1961	3/27/61	11.02	44	1974	4/12/74	11.26	68
1964	5/08/64	10.23	18	1976	3/26/76	10.90	50
1967	3/30/67	11.13	42	1978	6/14/78	11.34	72

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 05359200--Continued

1969	7/15/69	10.47	30	1979	4/20/79	12.09	110
1971	4/11/71	10.30	22	1980	4/10/80	11.15	62
1972	8/17/72	11.16	62				

Station number 05359500

Station name South Fork Flambeau River near Phillips, Wis.

Location Lat 45°42'08", long 90°36'58", in NW 1/4 SW 1/4 sec.10, T.37 N., R.2 W., Price County, on left bank at downstream side of bridge on County Trunk W, 0.4 mi downstream from Big Elk River and 12 mi west of Phillips.

1930	6/15/30	9.40	3,180	1953	5/22/53	9.30	3,020
1931	6/22/31	10.10	3,820	1954	5/03/54	12.40	6,230
1932	4/11/32	10.70	4,380	1955	10/16/54	10.50	4,240
1933	4/16/33	9.40	3,180	1956	4/08/56	9.60	3,250
1934	4/10/34	13.60	8,680	1957	4/21/57	8.10	1,900
1935	3/21/35	--	5,000	1958	7/03/58	11.20	5,070
1936	4/16/36	12.10	5,780	1959	9/23/59	11.66	5,420
1937	4/16/37	9.30	2,870	1960	8/30/60	10.30	4,020
1938	6/02/38	10.70	4,400	1961	5/17/61	9.81	3,480
1939	3/27/39	10.90	4,600	1962	5/24/62	8.55	2,260
1940	5/22/40	9.40	3,100	1963	4/03/63	7.92	1,760
1941	8/31/41	12.00	5,630	1964	5/10/64	8.45	2,180
1942	6/01/42	9.20	2,930	1965	4/19/65	11.64	5,690
1943	6/18/43	14.32	10,200	1966	3/23/66	9.90	3,580
1944	6/07/44	10.80	4,500	1967	4/02/67	12.45	6,900
1945	6/03/45	11.36	5,140	1968	6/22/68	10.62	4,370
1946	6/26/46	13.00	7,460	1969	4/12/69	11.09	4,930
1947	4/07/47	9.50	3,210	1970	5/31/70	9.62	3,350
1948	4/27/48	7.40	1,480	1971	4/13/71	11.77	5,880
1949	7/06/49	10.90	4,600	1972	4/20/72	11.34	5,260
1950	4/19/50	11.70	5,490	1973	3/16/73	11.52	5,510
1951	4/12/51	11.88	5,750	1974	6/11/74	9.83	3,560
1952	4/20/52	11.29	5,030	1975	4/24/75	10.97	4,780

Station number 05359600

Station name Price Creek near Phillips, Wis.

Location Lat 45°43'33", long 90°40'12", in SW 1/4 sec.31, T.38 N., R.2 W., Price County, at culvert on County Trunk Highway W, 13.0 mi west of Phillips.

1958	7/02/58	13.79	235	1974	4/21/74	11.80	120
1959	9/22/59	15.78	400	1975	4/26/75	13.11	190
1960	4/24/60	12.66	165	1976	4/07/76	13.69	225
1961	5/15/61	11.18	90	1977	9/01/77	12.56	160
1962	5/19/62	10.71	70	1978	8/02/78	12.00	130
1963	6/10/63	11.34	98	1979	4/20/79	13.49	215

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05359600--Continued							
1964	5/08/64	10.65	70	1980	9/13/80	11.75	118
1965	4/19/65	12.72	178	1981	6/13/81	11.96	130
1966	3/18/66	11.35	112	1982	4/03/82	14.27	265
1967	3/31/67	11.54	120	1983	4/04/83	12.30	145
1968	6/20/68	12.02	130	1984	4/06/84	12.01	135
1969	4/10/69	11.91	125	1985	9/08/85	12.84	177
1970	6/01/70	12.23	142	1986	3/31/86	13.98	245
1971	4/12/71	12.92	183	1987	--	--	<70
1972	4/18/72	12.79	175	1988	--	--	<70
1973	3/12/73	12.49	155				
Station number 05360000							
Station name		Flambeau River near (at) Ladysmith, Wis.					
Location		Lat 45°33'20", long 90°57'30", in S 1/2 sec.35, T.36 N., R.5 W., Rusk County at Big Falls powerplant of Lake Superior District Power Co., 2.3 mi upstream from Josie Creek, 4 mi upstream from highway bridge, and 8.5 mi northeast of Ladysmith.					
1903	5/28/03	--	13,500	1936	4/15/36	--	10,900
1904	7/04/04	--	9,270	1937	4/14/37	--	5,460
1905	6/07/05	--	9,000	1938	6/02/38	--	10,000
1906	4/15/06	--	11,000	1939	11/6/38	--	9,900
1914	4/29/14	--	12,200	1940	5/21/40	--	5,490
1915	5/18/15	--	11,000	1941	8/31/41	--	17,900
1916	4/23/16	--	18,100	1942	10/8/41	--	6,000
1917	6/08/17	--	8,400	1943	6/17/43	--	17,800
1918	6/01/18	--	10,400	1944	6/06/44	--	10,200
1919	4/12/19	--	10,100	1945	6/02/45 ¹	--	13,500
1920	3/31/20	--	12,000	1946	6/25/46	--	18,600
1921	4/30/21	--	7,880	1947	10/28/46	--	6,550
1922	4/11/22	--	20,200	1948	4/28/48 ¹	--	4,440
1923	4/23/23	--	13,200	1949	7/06/49	--	14,100
1924	4/18/24	--	9,520	1950	4/20/50	--	13,000
1925	4/27/25	--	4,140	1951	4/12/51	--	14,200
1926	9/19/26	--	8,860	1952	4/23/52	--	10,600
1927	3/18/27	--	8,350	1953	5/22/53	--	10,600
1928	4/06/28	--	8,120	1954	5/02/54	--	13,700
1929	4/07/29	--	7,240	1955	10/16/54	--	7,100
1930	6/15/30	--	5,710	1956	4/08/56	--	6,370
1931	6/22/31	--	5,440	1957	4/21/57	--	4,110
1932	4/10/32	--	7,460	1958	7/02/58	--	10,700
1933	4/20/33	--	5,140	1959	9/23/59	--	9,520
1934	4/09/34	--	7,080	1960	4/25/60	--	8,050
1935	3/27/35	--	8,160	1961	5/16/61	--	7,270

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05360200							
Station name		Flambeau River tributary at Ladysmith, Wis.					
Location		Lat 45°28'54", long 91°06'40", in SW 1/4 sec.27, T.35 N., R.6 W., Rusk County, at culvert on State Highway 27, 1.0 mi north of Ladysmith.					
1960	8/28/60	11.19	14	1971	4/08/71	12.20	35
1961	3/27/61	11.30	15	1972	7/23/72	11.62	23
1962	5/19/62	10.60	9	1973	5/23/73	11.33	17
1963	5/10/63	10.87	11	1974	4/12/74	11.63	23
1964	5/08/64	10.48	8	1975	4/24/75	11.26	15
1965	5/15/65	10.60	9	1976	3/24/76	11.48	20
1966	6/12/66	10.63	9	1977	5/20/77	12.64	48
1967	6/14/67	11.14	13	1978	4/06/78	12.06	32
1968	6/30/68	11.26	15	1979	5/10/79	12.01	31
1969	4/10/69	10.56	8	1980	9/21/80	11.85	27
1970	4/07/70	11.94	29				
Station number 05360500							
Station name		Flambeau River near Bruce, Wis.					
Location		Lat 45°22'21", long 91°12'34", in Lot 7 of NW 1/4 sec.2, T.33 N., R.7 W., Rusk County, Hydrologic Unit 07050002, on right bank 2.5 mi downstream from Thornapple powerplant, 6.0 mi upstream from mouth, and 7.0 mi southeast of Bruce.					
1952	4/23/52	8.36	11,000	1971	4/13/71	9.05	12,700
1953	5/22/53	8.82	12,000	1972	4/19/72	8.29	10,800
1954	5/01/54	10.90	17,400	1973	3/17/73	8.89	12,300
1955	10/16/54	7.33	8,100	1974	6/12/74	7.27	8,250
1956	4/10/56	6.81	7,170	1975	4/24/75	8.72	11,800
1957	4/03/57	5.65	4,710	1976	3/31/76	7.96	9,920
1958	7/02/58	9.55	14,000	1977	9/01/77	8.26	10,500
1959	9/22/59 ¹	--	10,600	1978	8/27/78	7.68	8,970
1960	8/28/60	9.41	13,600	1979	4/21/79	8.75	11,900
1961	5/15/61	7.92	9,830	1980	9/04/80	7.42	8,610
1962	5/24/62 ¹	5.81	5,030	1981	6/15/81	8.26	10,700
1963	4/01/63 ¹	5.60	4,610	1982	4/18/82	10.23	15,800
1964	9/16/64	6.07	5,340	1983	3/07/83	8.76	11,900
1965	4/20/65	8.19	10,500	1984	11/24/83	7.25	8,200
1966	3/20/66	7.83	9,620	1985	4/15/85	8.00	10,000
1967	4/02/67	10.67	17,000	1986	4/02/86	10.45	17,600
1968	7/01/68	8.76	11,900	1987	10/14/86	7.27	8,310
1969	4/11/69	8.06	10,200	1988	4/04/88	6.09	5,630
1970	6/01/70	8.01	10,000				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05361400							
Station name		Hay Creek near Prentice, Wis.					
Location		Lat 45°32'32", long 90°21'37", in SE 1/4 sec.4, T.35 N., R.1 E., Price County, at culvert on U.S. Highway 8, 3.5 mi west of Prentice.					
1961	3/27/61	12.37	425	1975	4/24/75	13.30	770
1962	5/13/62	11.62	390	1976	3/24/76	12.65	570
1963	5/10/63	10.59	155	1977	4/21/77	11.00	220
1964	4/11/64	11.08	110	1978	7/26/78	11.51	320
1965	4/15/65	14.84	720	1979	4/20/79	12.67	595
1966	3/18/66	12.67	635	1980	9/21/80	12.63	590
1967	3/30/67	15.41	975	1981	6/14/81	13.33	790
1968	6/21/68	13.82	950	1982	4/03/82	13.53	850
1969	4/10/69	13.48	800	1983	3/05/83	12.47	520
1970	4/07/70	11.17	240	1984	4/06/84	11.57	310
1971	4/11/71	14.40	715	1985	9/08/85	12.01	405
1972	9/26/72	13.21	720	1986	3/31/86	14.47	1,090
1973	3/11/73	13.73	870	1987	10/12/86	11.79	360
1974	6/09/74	12.00	400	1988	4/04/88	12.32	480
Station number 05361420							
Station name		Douglas Creek near Prentice, Wis.					
Location		Lat 45°31'06", long 90°15'28", in NE 1/4 sec.17, T.35 N., R.2 E., Price County, at culvert on County Trunk Highway C, 2.3 mi southeast of intersection with State Highway 13 at Prentice.					
1970	4/07/70	12.09	315	1980	4/09/80	12.75	420
1971	4/11/71	15.30	1,000	1981	6/14/81	15.80	1,200
1972	4/20/72	15.12	960	1982	4/03/82	14.05	720
1973	3/11/73	13.87	665	1983	10/20/82	13.75	640
1974	4/12/74	12.26	325	1984	4/06/84	12.55	380
1975	8/28/75	11.99	280	1985	9/08/85	14.25	752
1976	3/24/76	13.69	625	1986	9/27/86	14.21	745
1977	4/21/77	11.99	280	1987	10/12/86	13.39	555
1978	7/26/78	13.04	480	1988	4/04/88	13.19	510
1979	4/20/79	12.98	470				
Station number 05361500							
Station name		South Fork Jump River near Ogema, Wis.					
Location		Lat 45°23'20", long 90°30'30", in NW 1/4 sec.33, T.34 N., R.1 W., Price County, on right bank 2.1 mi downstream from Mondeaux River and 11 mi southwest of Ogema.					
1944	5/13/44	9.40	3,600	1950	4/18/50	12.60	6,760
1945	3/19/45	11.70	6,160	1951	4/12/51	12.20	6,320
1946	6/25/46	14.56	9,020	1952	4/09/52	10.00	4,110
1947	4/07/47	9.10	3,300	1953	6/21/53	10.50	4,560
1948	3/26/48	8.60	2,850	1954	5/03/54	11.00	5,050
1949	7/07/49	9.40	3,570				

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05361600							
Station name		North Fork Jump River near Phillips, Wis.					
Location		Lat 45°37'45", long 90°23'32", in SW 1/4 sec.5, T.36 N., R.1 E., Price County, at culvert on State Highway 13, 4.0 mi south of Phillips.					
1970	4/07/70	10.90	25	1980	9/13/80	12.53	223
1971	4/11/71	12.14	157	1981	6/14/81	12.72	250
1972	4/18/72	12.25	175	1982	4/03/82	12.47	212
1973	3/11/73	12.38	195	1983	10/20/82	12.47	212
1974	6/09/74	12.30	185	1984	2/12/84	11.87	113
1975	8/28/75	11.70	85	1985	9/08/85	11.48	92
1976	11/10/75	12.13	155	1986	3/31/86	12.01	150
1977	4/21/77	12.16	160	1987	10/12/86	11.29	78
1978	4/06/78	11.75	93	1988	4/04/88	11.00	58
1979	4/20/79	11.80	100				
Station number 05362000							
Station name		Jump River at Sheldon, Wis.					
Location		Lat 45°18'29", long 90°57'23", in sec.26, T.33 N., R.5 W., Rusk County, Hydrologic Unit 07050004, on right bank just downstream from highway bridge in Sheldon, 1,500 ft upstream from Shoulder Creek, and 11 mi upstream from mouth.					
1916	4/22/16	9.50	8,800	1953	3/23/53	10.20	7,600
1917	4/22/17	7.00	4,200	1954	5/01/54	11.40	11,100
1918	5/27/18	9.00	7,800	1955	4/03/55	9.58	6,260
1919	4/11/19	8.40	6,660	1956	4/06/56	10.40	8,090
1920	3/26/20	11.50	15,700	1957	3/26/57	7.80	2,000
1921	3/20/21	9.00	7,800	1958	7/02/58	9.35	5,830
1922	4/10/22	9.40	8,600	1959	9/28/59	9.95	6,700
1923	4/21/23	10.70	13,300	1960	5/06/60	10.10	7,300
1924	4/25/24	8.70	7,660	1961	3/28/61	15.00	8,500
1925	6/14/25	7.00	4,200	1962	5/14/62	9.25	5,350
1926	9/19/26	8.60	7,470	1963	3/29/63	8.20	3,800
1927	3/16/27	10.10	11,500	1964	4/23/64	--	2,540
1928	3/26/28	9.50	9,800	1965	4/13/65	11.59	11,400
1929	3/18/29	8.70	7,720	1966	3/19/66	15.00	8,700
1930	6/14/30	9.30	9,260	1967	4/01/67	14.14	20,900
1931	6/21/31	7.70	5,390	1968	5/17/68	12.16	13,100
1932	4/08/32	9.70	10,400	1969	4/08/69	10.91	9,330
1933	5/02/33	8.90	8,220	1970	4/09/70	9.15	5,170
1934	4/08/34	8.40	6,650	1971	4/12/71	12.00	12,600
1935	3/23/35	9.90	10,800	1972	4/19/72	11.38	10,700
1936	5/07/36	9.90	10,800	1973	3/15/73	12.17	13,100
1937	4/14/37	7.40	4,490	1974	6/11/74	9.81	6,580
1938	9/10/38	10.20	11,700	1975	4/18/75	10.98	9,250
1939	11/5/38	11.28	15,200	1976	3/31/76 ¹	11.55	10,800

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05362000--Continued							
1940	5/21/40	8.26	6,150	1977	9/25/77	8.35	3,820
1941	8/31/41	18.80	46,000	1978	4/07/78	9.02	4,920
1942	9/18/42	12.80	14,900	1979	4/19/79	9.25	5,330
1943	6/27/43	11.70	11,000	1980	9/22/80	9.28	5,380
1944	6/05/44	10.16	6,900	1981	4/04/81	10.93	9,120
1945	3/19/45	9.60	6,920	1982	4/17/82	12.35	13,500
1946	6/25/46	12.90	17,200	1983	3/07/83	11.45	10,600
1947	4/06/47	9.89	7,430	1984	11/24/83	9.08	4,990
1948	3/27/48	8.40	4,250	1985	3/29/85	10.14	7,100
1949	7/06/49	9.00	5,450	1986	4/01/86	12.47	14,000
1950	4/18/50	11.50	12,000	1987	10/13/86	10.25	7,370
1951	4/12/51	11.57	11,900	1988	4/04/88 ¹	7.22	2,530
1952	4/09/52	10.50	8,350				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05364000

Station name Yellow River at Cadott, Wis.

Location Lat 44°57'21", long 91°08'48", in NE 1/4 sec.31, T.29 N., R.6 W., Chippewa County, at bridge on State Highway 27, at Cadott.

1943	6/28/43	12.15	15,600	1966	3/18/66	10.50	4,100
1944	5/12/44	6.20	3,560	1967	3/31/67	14.18	12,000
1945	3/19/45	6.90	4,110	1968	5/16/68	10.81	4,700
1946	3/16/46	8.60	6,670	1969	4/10/69	11.42	5,900
1947	4/06/47	6.50	3,460	1970	4/21/70	9.53	2,500
1948	3/27/48	4.70	1,410	1971	4/11/71	10.36	3,900
1949	7/06/49	5.60	2,320	1972	9/25/72	9.88	3,000
1950	4/11/50	6.90	4,050	1973	3/12/73	13.22	10,000
1951	4/08/51	8.30	6,170	1974	4/13/74	11.31	5,700
1952	4/09/52	6.60	3,600	1975	4/28/75	11.65	6,400
1953	3/23/53	7.00	4,200	1976	3/30/76	10.62	4,300
1954	6/18/54	9.80	9,050	1977	9/24/77	9.22	2,000
1955	4/15/55	8.30	6,170	1978	4/06/78	9.90	3,000
1956	4/05/56	7.10	4,350	1979	3/21/79	10.00	3,100
1957	3/26/57 ¹	--	651	1980	8/08/80	12.03	6,600
1958	6/05/58	9.85	10,000	1981	5/05/81	10.79	4,600
1959	7/09/59	6.80	4,240	1982	3/21/82	11.42	6,000
1960	5/07/60	6.14	3,300	1983	3/04/83	11.86	6,800
1961	3/28/61	6.80	4,240	1984	3/23/84	9.79	2,880
1962	8/25/62	9.90	3,000	1985	4/03/85	9.64	2,620
1963	5/13/63	10.63	4,400	1986	7/27/86	15.82	16,600
1964	9/03/64	9.30	2,100	1988	10/16/87	9.26	2,000
1965	4/11/65	15.60	11,000				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 05364100

Station name Seth Creek near Cadott, Wis.

Location Lat 44°59'24", long 91°08'48", in SW 1/4 sec.17, T.29 N., R.6 W., Chippewa County, at culvert on State Highway 27, 3.1 mi north of Cadott.

1962	3/28/62	12.76	185	1976	3/30/76	12.86	198
1963	5/13/63	13.53	300	1977	7/03/77	12.85	196
1964	4/--/64	11.11	43	1978	8/24/78	13.51	295
1965	4/10/65	13.53	300	1979	8/09/79	12.84	195
1966	12/12/65	12.82	192	1980	8/08/80	16.78	690
1967	3/30/67	13.93	355	1981	5/05/81	13.26	255
1968	5/16/68	13.59	308	1982	3/21/82	13.44	284
1969	6/25/69	13.57	305	1983	9/19/83	13.57	300
1970	5/09/70	12.19	115	1984	7/10/84	12.96	212
1971	10/27/70	12.10	105	1985	4/03/85	14.13	300
1972	4/19/72	11.85	85	1986	9/22/86	18.00	785
1973	5/01/73	13.91	355	1987	10/12/86	12.98	215
1974	4/13/74	12.51	152	1988	10/16/87	12.46	145
1975	4/27/75	13.61	310				

Station number 05364500

Station name Duncan Creek at Bloomer, Wis.

Location Lat 45°07'00", long 91°30'00", in sec.8, T.30 N., R.9 W., Chippewa County, 0.2 mi below Bloomer Dam, at Bloomer.

1945	3/15/45	7.70	1,130	1967	3/31/67	9.56	2,050
1946	3/16/46	7.18	990	1968	5/16/68	5.83	610
1947	4/06/47	6.70	846	1969	4/07/69	5.93	640
1948	3/20/48	7.43	1,050	1970	6/25/70	3.69	195
1949	3/24/49	7.38	1,050	1971	4/01/71	5.20	460
1950	6/13/50	7.40	1,050	1972	4/18/72	4.16	265
1951	9/12/51	8.01	1,300	1973	3/11/73	8.40	1,480
1958	6/05/58	6.49	790	1974	4/13/74	5.26	475
1959	7/08/59	10.83	3,200	1975	8/28/75	5.54	540
1960	12/28/59	7.65	1,120	1976	3/30/76	5.12	440
1961	3/27/61	6.45	775	1977	9/24/77	5.57	540
1962	5/19/62	6.33	740	1978	4/06/78	4.88	390
1963	5/10/63	6.04	665	1979	6/29/79	11.81	5,400
1964	9/20/64	3.08	138	1980	6/06/80	11.80	5,400
1965	4/10/65	7.37	1,020	1986	9/22/86	11.00	3,700
1966	2/09/66	7.18	980				

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05365000							
Station name		Duncan Creek at Chippewa Falls, Wis.					
Location		Lat 44°56'50", long 91°24'00", in SW 1/4 sec.31, T.29 N., R.8 W., Chippewa County, on downstream side near center of bridge in Irvin Park at Chippewa Falls, 1.7 mi upstream from mouth.					
1934	4/03/34	15.40	--	1949	3/25/49	6.50	1,630
1943	3/31/43	8.35	3,310	1950	3/27/50	7.50	2,420
1944	2/26/44	5.60	1,040	1951	4/08/51	6.42	1,560
1945	3/16/45	7.94	2,810	1952	4/02/52	8.70	3,640
1946	3/17/46	6.50	1,560	1953	3/22/53	6.18	1,430
1947	4/06/47	6.10	1,350	1954	6/18/54	8.31	3,220
1948	3/21/48	7.10	2,080	1955	10/15/54	4.00	459
Station number 05365500							
Station name		Chippewa River at Chippewa Falls, Wis.					
Location		Lat 44°55'37", long 91°24'33", in Lot 1, sec.12, T.28 N., R.9 W., Chippewa County, Hydrologic Unit 07050005, on right bank at Chippewa Falls, 1.0 mi downstream from Duncan Creek.					
1888	7/19/88	--	25,700	1937	4/23/37	12.90	27,800
1889	5/14/89	--	24,200	1938	9/10/38	19.07	64,600
1890	4/13/90	--	27,600	1939	11/6/38	17.93	55,900
1891	4/24/91	--	28,000	1940	6/08/40	13.76	31,600
1892	5/21/92	--	38,400	1941	9/01/41	24.80	102,000
1893	5/13/93	--	43,400	1942	5/31/42	19.30	60,100
1894	5/16/94	--	59,000	1943	6/28/43	22.20	81,000
1895	6/13/95	--	20,500	1944	5/13/44	13.32	29,900
1896	4/19/96	--	43,400	1945	6/04/45	15.67	40,900
1897	4/02/97	--	78,800	1946	6/26/46	17.54	50,400
1898	5/28/98	--	19,800	1947	4/08/47	12.59	26,700
1899	5/06/99	--	27,400	1948	4/01/48	7.60	9,860
1900	9/13/00	--	50,700	1949	7/07/49	12.87	28,000
1901	10/5/00	--	52,800	1950	4/19/50	16.17	43,400
1902	4/28/02	--	24,200	1951	4/13/51	18.50	56,200
1903	9/16/03	--	52,100	1952	4/09/52	14.96	37,600
1904	5/27/04	--	33,900	1953	5/23/53	14.41	34,800
1905	6/06/05	--	82,000	1954	5/02/54	20.65	69,400
1906	4/15/06	--	40,200	1955	10/15/54	13.88	32,400
1907	3/30/07	--	37,800	1956	4/07/56	13.92	32,600
1908	4/29/08	--	28,200	1957	6/24/57	8.53	12,300
1909	5/18/09	--	26,600	1958	7/02/58	13.72	31,400
1910	11/15/09	--	23,000	1959	7/09/59	14.25	33,600
1911	5/24/11	--	12,800	1960	8/29/60	14.22	33,500
1912	10/08/11	--	39,000	1961	5/16/61	13.20	29,300
1913	4/04/13	--	37,800	1962	5/14/62	12.81	27,700
1914	4/30/14	--	36,700	1963	5/13/63	--	24,100

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05365500--Continued							
1915	5/23/15	--	24,100	1964	4/25/64	--	12,600
1916	4/23/16	--	52,400	1965	4/16/65	--	44,700
1917	4/23/17	--	24,900	1966	3/19/66	--	33,000
1918	6/01/18	--	45,400	1967	4/01/67	--	83,300
1919	4/13/19	--	45,000	1968	5/17/68	15.87	41,600
1920	3/27/20	--	78,000	1969	4/11/69	15.30	39,000
1921	4/29/21	--	33,600	1970	6/02/70	12.64	27,100
1922	4/11/22	--	66,800	1971	4/13/71	17.36	49,700
1923	4/22/23	--	59,000	1972	4/19/72	15.74	41,100
1924	4/26/24	--	59,000	1973	3/15/73	18.91	58,600
1925	6/15/25	--	20,800	1974	6/11/74	14.26	34,200
1926	9/20/26	--	46,400	1975	4/28/75	15.34	39,200
1927	3/16/27	--	52,100	1976	4/01/76	17.66	51,400
1928	3/26/28	--	48,700	1977	9/26/77	12.55	26,700
1929	4/07/29	--	44,000	1978	8/28/78	12.29	25,700
1930	1/15/30	--	40,200	1979	4/19/79	13.60	30,900
1931	6/23/31	--	19,000	1980	6/05/80	14.01	33,000
1932	4/09/32	--	50,100	1981	4/05/81	15.28	38,900
1933	4/06/33	11.80	24,300	1982	4/18/82	19.20	60,300
1934	9/27/34	13.50	33,700	1983	3/07/83	18.16	54,200
1935	3/24/35	17.13	48,000	1987	10/12/86	13.82	32,200
1936	4/14/36	16.00	43,400	1988	4/07/88	9.30	14,900
Station number 05365700							
Station name		Goggle-Eye Creek near Thorp, Wis.					
Location		Lat 44°58'40", long 90°48'00", on west boundary sec.19, T.29 N., R.3 W., Clark County, at culvert on State Highway 73, 1.3 mi north of Thorp.					
1958	6/05/58	20.99	2,610	1974	6/09/74	13.02	360
1959	7/08/59	14.50	760	1975	4/23/75	11.90	100
1960	5/07/60	13.18	390	1976	3/30/76	12.65	250
1961	10/31/60	17.00	1,440	1977	5/22/77	12.42	200
1962	9/16/62	12.63	250	1978	9/13/78	13.25	300
1963	5/13/63	13.25	420	1979	3/31/79	13.14	270
1964	9/03/64	12.33	170	1980	6/05/80	21.68	2,880
1965	6/01/65	12.81	290	1981	5/04/81	12.69	270
1966	3/18/66	12.86	310	1982	3/21/82	15.46	1,020
1967	3/30/67	15.83	1,150	1983	3/04/83	13.37	440
1968	7/14/68	14.02	630	1984	--	--	<80
1969	4/07/69	14.34	710	1985	11/1/84	12.84	200
1970	4/07/70	12.57	230	1986	9/22/86	17.89	1,660
1971	4/01/71	13.86	580	1987	--	--	<50
1972	4/18/72	12.27	160	1988	10/16/87	12.80	290
1973	3/11/73	14.21	720				

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05366000							
Station name		Eau Claire River near Augusta, Wis.					
Location		Lat 44°44'50", long 91°03'15", in sec.12, T.26 N., R.6 W., Eau Claire County, at Trouble Water Bridge, 5.6 mi northeast of Augusta and 6 mi downstream from South Fork.					
1915	5/23/15	7.90	4,630	1921	3/21/21	9.10	5,620
1916	4/01/16	10.70	7,290	1922	4/10/22	10.90	7,510
1917	4/03/17	7.20	3,800	1923	4/14/23	7.30	3,900
1918	5/27/18	9.20	5,720	1924	4/26/24	10.10	6,740
1919	6/25/19	9.40	5,920	1925	6/13/25	8.40	4,940
1920	3/27/20	12.20	8,940	1926	4/01/26	9.00	5,520
Station number 05366500							
Station name		Eau Claire River near Fall Creek, Wis.					
Location		Lat 44°48'35", long 91°16'50", in NW 1/4 sec.19, T.27 N., R.7 W., Eau Claire County, 500 ft east of County Trunk Highway K, 3.2 mi north of Fall Creek.					
1943	4/01/43	15.87	16,800	1968	7/14/68	11.25	8,500
1944	4/25/44	7.15	3,620	1969	4/07/69	12.76	10,900
1945	3/19/45	13.11	11,500	1970	4/07/70	7.24	3,700
1946	3/16/46	12.28	10,100	1971	4/01/71	10.70	7,650
1947	4/07/47	10.96	8,100	1972	9/25/72	9.67	6,350
1948	3/22/48	8.88	5,430	1973	3/12/73	15.60	16,400
1949	3/29/49	6.98	3,430	1974	4/06/74	9.89	6,600
1950	3/29/50	8.32	4,750	1975	5/23/75	7.05	3,500
1951	4/09/51	14.34	13,800	1976	3/30/76	10.89	8,000
1952	4/03/52	15.28	15,700	1977	4/21/77	5.70	2,400
1953	3/23/53	11.67	9,140	1978	9/13/78	13.24	11,900
1954	5/02/54	14.38	14,000	1979	3/21/79	12.07	9,800
1955	5/30/55	16.11	17,200	1980	9/12/80	17.20	19,700
1958	6/06/58	11.33	8,590	1981	5/05/81	9.95	6,600
1960	6/16/60	13.70	12,600	1982	3/16/82	13.64	12,600
1961	10/31/60	6.56	3,000	1983	3/04/83	13.66	12,600
1962	8/25/62	6.26	2,800	1984	7/10/84	6.98	3,450
1963	3/26/63	10.25	7,080	1985	10/16/84	7.85	4,250
1964	4/21/64	3.21	900	1986	9/21/86	17.77	20,800
1965	4/11/65	12.60	10,600	1987	10/12/86	12.17	9,900
1966	2/09/66	7.74	4,150	1988	10/16/87	8.32	4,750
1967	3/31/67	17.59	20,500				

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05367000							
Station name		Chippewa River at (near) Eau Claire, Wis.					
Location		Lat 44°48'40", long 91°31'10", in NE 1/4 sec.25, T.27 N., R.10 W., Eau Claire County, on downstream side near right end of bridge on State Highways 37 and 85 at Eau Claire, 1.2 mi upstream from Lowes Creek and 2.8 mi downstream from Eau Claire River.					
1903	9/15/03	--	53,700	1947	4/07/47	15.00	33,100
1904	5/28/04	--	33,300	1948	3/23/48	10.00	14,500
1905	6/07/05	--	70,000	1949	7/07/49	13.70	27,500
1906	4/15/06	--	38,800	1950	4/19/50	16.40	39,300
1907	3/31/07	--	40,000	1951	4/13/51	19.35	63,800
1908	4/29/08	--	29,600	1952	4/09/52	15.50	39,000
1944	5/14/44	14.80	32,200	1953	3/24/53	14.60	34,800
1945	6/04/45	17.00	42,000	1954	5/02/54	22.00	80,000
1946	6/27/46	18.40	48,500				
Station number 05367030							
Station name		Willow Creek near Eau Claire, Wis.					
Location		Lat 44°44'11", long 91°26'48", on common boundary of secs.14 and 15, T.26 N., R.9 W., Eau Claire County, at box culvert on State Highway 93, 4.0 mi south of Eau Claire.					
1958	4/06/58	11.95	190	1974	6/10/74	10.82	105
1959	7/08/59	14.12	400	1975	8/23/75	11.92	188
1960	5/07/60	11.32	140	1976	3/20/76	10.91	108
1961	3/27/61	11.88	185	1977	8/31/77	13.83	307
1962	5/19/62	10.73	95	1978	8/23/78	10.62	90
1963	8/02/63	11.74	170	1979	8/09/79	10.78	98
1964	3/14/64	11.84	180	1980	4/08/80	11.75	175
1965	4/09/65	12.70	255	1981	5/05/81	10.64	90
1966	2/08/66	11.92	188	1982	--	--	<60
1967	3/29/67	11.86	182	1983	--	--	<60
1968	5/16/68	11.71	170	1984	--	--	<60
1969	10/9/68	10.62	88	1985	10/16/84	10.95	110
1970	6/15/70	10.82	100	1986	9/22/86	13.37	325
1971	4/07/71	11.48	150	1987	5/29/87	10.83	103
1972	3/29/72	11.50	150	1988	10/16/87	12.09	203
1973	3/11/73	12.63	250				
Station number 05367425							
Station name		Red Cedar River near Cameron, Wis.					
Location		Lat 45°24'05", long 91°46'38", in center sec.30, T.34 N., R.11 W., Barron County, on downstream side of bridge on U.S. Highway 8, 1.2 mi west of Cameron and 3.5 mi east of junction with State Highway 25 in Barron.					
1968	7/01/68	8.40	2,380	1970	6/01/70	7.80	2,150
1969	10/11/68 ¹	7.68	1,490				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05367426							
Station name		Red Cedar River near Cameron, Wis.					
Location		Lat 45°23'20", long 91°45'55", in SW 1/4 NW 1/4 sec.32, T.34 N., R.11 W., Barron County, on downstream side of bridge on town road, 0.8 mi upstream of Cranberry Creek, 1.6 mi southwest of Cameron, and 4.3 mi east of Barron.					
1972	7/23/72	9.21	1,860	1973	3/13/73	8.00	1,230
Station number 05367480							
Station name		East Branch Pine Creek tributary near Dallas, Wis.					
Location		Lat 45°16'50", long 91°48'30", in SW 1/4 sec.1, T.32 N., R.12 W., Barron County, at culvert on County Trunk Highway O, 1.5 mi north of Dallas.					
1960	8/28/60	18.75	735	1975	4/27/75	12.70	150
1961	3/27/61	13.02	174	1976	3/21/76	12.64	148
1962	3/29/62	11.00	55	1977	3/12/77	11.86	95
1963	6/08/63	10.71	40	1978	4/06/78	12.23	120
1964	3/14/64	11.12	60	1979	6/29/79	12.08	110
1965	4/10/65	13.71	234	1980	6/06/80	12.15	115
1966	2/09/66	13.32	198	1981	5/03/81	12.20	120
1967	3/30/67	15.59	430	1982	3/16/82	13.15	184
1968	7/01/68	13.74	236	1983	3/04/83	12.52	155
1969	10/9/68	11.67	84	1984	6/08/84	12.05	107
1970	5/31/70	11.94	100	1985	4/01/85	12.23	120
1971	4/08/71	12.05	108	1986	9/18/86	13.35	203
1972	7/22/72	12.17	115	1987	10/12/86	12.82	158
1973	3/11/73	13.58	222	1988	3/05/88	11.89	96
1974	4/06/74	11.16	60				
Station number 05367500							
Station name		Red Cedar River near Colfax, Wis.					
Location		Lat 45°03'50", long 91°42'45", in SW 1/4 sec.22, T.30 N., R.11 W., Dunn County, on right bank 3.2 mi downstream from Trout Creek and 4.7 mi north of Colfax.					
1914	6/28/14	--	4,590	1947	4/12/47	4.35	3,470
1915	4/07/15	--	3,250	1948	3/21/48	5.82	6,400
1916	3/31/16	--	7,520	1949	3/26/49	5.27	5,100
1917	4/03/17	--	4,450	1950	3/27/50	6.62	8,940
1918	5/27/18	--	3,380	1951	4/12/51	6.00	6,970
1919	3/18/19	--	4,590	1952	4/02/52	6.29	7,900
1920	3/26/20	--	7,700	1953	3/22/53	6.50	8,580
1921	4/28/21	--	2,420	1954	6/18/54	6.95	10,300
1922	4/11/22	--	5,010	1955	4/01/55 ¹	3.17	1,990
1923	4/14/23	--	4,730	1956	4/05/56	6.25	7,740
1924	4/05/24	--	3,510	1957	6/24/57	3.95	2,520

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05367500--Continued							
1925	3/20/25	--	3,380	1958	4/07/58	3.77	2,470
1926	9/04/26	--	5,970	1959	7/10/59	5.45	5,220
1927	3/14/27	--	6,100	1960	8/29/60	6.34	8,030
1928	3/24/28	--	4,550	1961	3/28/61	5.67	6,040
1929	3/20/29	--	5,150	1962	9/03/62	4.41	3,300
1930	2/23/30	--	4,120	1963	3/25/63	--	5,000
1931	3/25/31	--	1,040	1964	5/11/64	4.01	2,650
1932	4/08/32	--	4,170	1965	4/12/65	7.99	16,200
1933	4/01/33	--	4,700	1966	12/14/65	6.65	9,400
1934	4/03/34	--	21,900	1967	3/31/67	9.08	22,800
1935	3/24/35	--	5,000	1968	7/01/68	6.48	8,600
1936	3/24/36	--	9,780	1969	4/08/69	5.50	4,600
1937	4/25/37	--	1,500	1970	6/01/70	5.55	5,700
1938	9/09/38	8.04	14,700	1971	4/11/71	--	4,500
1939	3/27/39 ¹	6.32	7,760	1972	7/20/72	6.02	7,000
1940	4/07/40	4.80	4,110	1973	5/02/73	6.52	8,800
1941	9/06/41	4.82	4,110	1974	4/15/74	5.25	5,000
1942	9/18/42	6.66	9,130	1975	4/28/75	6.48	8,600
1943	6/16/43	7.12	10,900	1976	3/30/76	5.95	6,800
1944	2/27/44	5.81	6,400	1978	4/11/78	--	4,000
1945	3/16/45	6.98	10,500	1979	5/24/79	--	<3,500
1946	3/16/46	6.32	5,850	1980	4/09/80	6.77	9,600

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05367700

Station name Lightning Creek at Almena, Wis.

Location Lat 45°25'17", long 92°01'57", in NW 1/4 sec.19, T.34 N., R.13 W., Barron County, at bridge on County Trunk Highway P, at Almena.

1958	3/--/58	--	<100	1973	3/11/73	11.38	650
1959	8/09/59	11.56	750	1974	4/04/74	10.95	410
1960	3/27/60	11.99	1,050	1975	6/21/75	11.25	570
1961	3/28/61	11.33	630	1976	3/12/76	11.08	475
1962	8/12/62	11.20	550	1977	8/31/77	10.80	350
1963	8/12/63	10.46	220	1978	4/06/78	10.44	220
1964	4/21/64	10.02	130	1979	7/13/79	11.49	720
1965	4/11/65	12.18	1,200	1980	8/07/80	11.17	530
1966	2/09/66	11.76	920	1981	--	--	<120
1967	3/30/67	12.39	1,550	1982	5/05/82	11.59	780
1968	9/22/68	11.35	640	1983	3/04/83	11.08	475
1969	4/07/69	11.10	490	1984	6/08/84	10.91	405
1970	4/06/70	12.08	1,210	1985	10/19/84	10.23	160
1971	8/18/71	11.88	1,000	1986	3/28/86	11.34	630
1972	7/23/72	11.43	690	1988	3/08/88	11.42	200

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05368000							
Station name		Hay River at Wheeler, Wis.					
Location		Lat 45°02'52", long 91°54'39", in SW 1/4 sec.25, T.30 N., R.13 W., Dunn County, Hydrologic Unit 07050007, on right bank 25 ft downstream from highway bridge in Wheeler, 1.8 mi upstream from Otter Creek, and 2.4 mi downstream from South Fork Hay River.					
1951	6/26/51	10.90	5,120	1970	4/09/70	8.60	2,510
1952	4/09/52	10.92	5,120	1971	6/11/71	8.69	2,660
1953	3/22/53	12.36	6,700	1972	3/22/72	7.44	1,720
1954	4/15/54	12.31	6,600	1973	3/13/73	10.06	3,790
1955	4/06/55	6.08	1,250	1974	4/14/74	8.64	2,630
1956	4/05/56	11.04	5,270	1975	4/28/75	13.98	10,400
1957	3/23/57	6.43	1,390	1976	3/21/76	9.23	2,720
1958	2/27/58	8.50	2,790	1977	9/25/77	7.97	1,900
1959	7/10/59	5.16	854	1978	7/03/78	8.02	1,930
1960	8/29/60	10.50	4,700	1979	6/30/79	10.85	4,290
1961	3/28/61	10.58	4,790	1980	8/09/80	10.55	3,060
1962	4/07/62	8.01	2,390	1981	2/18/81	9.69	3,120
1963	3/25/63	10.45	4,650	1982	3/31/82	12.52	6,180
1964	4/22/64	5.77	1,020	1983	3/07/83	10.60	4,000
1965	4/11/65	14.65	10,900	1984	6/09/84	7.20	1,480
1966	3/05/66	11.45	5,510	1985	3/17/85	8.19	2,030
1967	3/31/67	15.04	13,600	1986	9/23/86	11.56	5,340
1968	9/24/68	8.48	2,420	1987	10/13/86	6.60	1,180
1969	4/08/69	9.44	3,260	1988	3/09/88	6.52	1,140
Station number 05369000							
Station name		Red Cedar River at Menomonie, Wis.					
Location		Lat 44°53'02", long 91°55'57", in NW 1/4 sec.26, T.28 N., R.13 W., Dunn County, Hydrologic Unit 07050007, on right bank at Menomonie, 900 ft downstream from powerplant of Northern States Power Co., and 1,000 ft downstream from Wilson Creek.					
1908	4/27/08	--	5,260	1951	4/13/51	6.20	11,700
1913	4/03/13	--	8,660	1952	4/03/52	6.30	12,000
1914	6/06/14	--	6,850	1953	3/23/53	6.54	12,600
1915	4/07/15	--	6,140	1954	6/19/54	6.54	12,700
1916	3/31/16	--	12,700	1955	4/02/55	2.91	2,520
1917	4/03/17	--	8,300	1956	4/05/56	6.56	12,900
1918	3/20/18	--	7,570	1957	3/25/57	3.55	4,740
1919	3/17/19	--	6,000	1958	6/04/58	6.90	11,800
1920	3/26/20	--	14,000	1959	7/08/59	7.40	13,500
1921	3/28/21	--	4,520	1960	8/29/60	7.25	13,000
1922	4/11/22	--	6,880	1961	3/28/61	6.91	11,800
1923	4/14/23	--	8,120	1962	4/16/62	4.76	5,140
1925	3/25/25	--	3,140	1963	3/26/63	6.73	11,200

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05369000--Continued							
1926	3/25/26	6.25	11,000	1964	10/15/63	4.52	4,560
1927	3/15/27	6.00	10,700	1965	4/12/65	11.56	28,700
1928	3/23/28	5.50	8,950	1966	12/14/65	--	13,000
1929	3/21/29	6.70	12,500	1967	3/31/67	12.80	33,200
1930	2/24/30	4.50	6,050	1968	9/25/68	6.53	11,400
1931	4/20/31	2.60	1,920	1969	4/08/69	5.98	9,340
1932	4/08/32	4.80	6,890	1970	6/02/70	6.17	9,910
1933	4/01/33	5.20	8,160	1971	4/12/71	5.08	6,790
1934	4/04/34	16.00	40,000	1972	7/26/72	7.18	13,200
1935	3/23/35	5.50	7,880	1973	3/13/73	6.69	11,600
1936	3/24/36	8.50	14,900	1974	4/14/74	6.26	9,740
1937	4/26/37	3.25	3,080	1975	4/29/75	6.96	12,100
1938	9/10/38	10.82	23,000	1976	3/26/76	6.18	9,480
1939	3/28/39	5.27	7,440	1977	8/31/77	5.84	8,920
1940	4/07/40	5.18	7,220	1978	4/11/78	4.65	5,680
1941	4/03/41	4.78	6,390	1979	6/30/79	6.30	10,300
1942	9/18/42	9.77	24,400	1980	6/07/80	5.65	8,400
1943	6/17/43	6.84	13,700	1981	3/16/81	4.43	5,130
1944	4/08/44	4.33	5,620	1982	4/01/82	7.41	14,000
1945	3/17/45	7.67	16,800	1983	3/05/83	7.26	13,400
1946	3/17/46	5.87	10,600	1984	4/30/84	4.50	5,300
1947	4/13/47	4.14	5,120	1985	9/10/85	4.62	5,600
1948	3/22/48	4.80	6,850	1986	9/23/86	5.79	8,760
1949	3/26/49	5.45	9,020	1987	3/03/87	4.18	4,570
1950	3/28/50	6.33	12,300	1988	4/05/88	3.97	4,160
Station number 05369500							
Station name		Chippewa River at Durand, Wis.					
Location		Lat 44°37'40", long 91°58'10", in SW 1/4 sec.21, T.25 N., R.13 W., Pepin County, Hydrologic Unit 07050005, on left bank in Durand, 75 ft downstream from bridge on U.S. Highway 10, and 9.5 mi downstream from Red Cedar River.					
1884	9/12/84	18.40	160,000	1959	7/11/59	10.11	35,000
1929	3/21/29	11.90	49,000	1960	8/31/60	10.62	38,000
1930	6/17/30	10.60	37,700	1961	3/30/61	10.03	34,500
1931	6/23/31	7.42	21,000	1962	5/15/62	8.75	27,400
1932	4/10/32	11.85	44,300	1963	5/15/63	9.23	29,400
1933	4/08/33	8.52	26,200	1964	4/25/64	6.18	15,600
1934	4/04/34	12.43	56,000	1965	4/14/65 ¹	13.36	66,200
1935	3/25/35	12.56	59,500	1966	3/20/66 ¹	10.54	37,500
1936	4/14/36	12.27	54,400	1967	4/02/67	16.93	123,000
1937	4/24/37	8.32	24,200	1968	7/03/68	11.94	48,400
1938	9/11/38	15.16	91,000	1969	4/10/69	12.46	53,600
1939	11/7/38	13.07	67,400	1970	6/03/70	9.60	32,000

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05369500--Continued							
1940	6/10/40	10.82	38,900	1971	4/14/71	12.70	57,000
1941	9/02/41	15.43	93,600	1972	4/20/72	11.32	43,100
1942	6/01/42	14.04	75,600	1973	3/16/73	14.26	73,300
1943	6/30/43	14.42	80,700	1974	4/16/74	11.06	41,100
1944	5/15/44	9.47	31,600	1975	4/29/75	12.39	53,200
1945	6/05/45	11.54	45,000	1976	4/02/76	13.30	62,300
1946	3/19/46	12.36	56,400	1977	9/27/77	8.98	28,600
1947	4/09/47	9.89	33,600	1978	4/09/78	9.41	30,900
1948	3/25/48 ¹	--	24,600	1979	4/21/79 ¹	9.98	34,200
1949	7/08/49	8.72	25,900	1980	9/24/80 ¹	11.52	41,300
1950	4/20/50	11.58	46,200	1981	5/07/81	11.81	43,500
1951	4/14/51	13.66	71,800	1982	4/19/82	13.62	70,300
1952	4/11/52	11.95	50,500	1983	3/09/83	14.28	73,700
1953	3/25/53	10.57	37,500	1984	11/25/83 ¹	9.62	32,100
1954	5/03/54	15.40	101,000	1985	3/30/85	10.24	33,100
1955	10/18/54	9.50	31,500	1986	4/04/86	13.80	68,500
1956	4/08/56	11.29	42,800	1987	10/14/86	11.09	38,100
1957	6/25/57 ¹	--	17,600	1988	4/09/88 ¹	6.54	16,900
1958	7/04/58	8.79	27,600				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05369800

Station name Eau Galle River tributary near Hersey, Wis.

Location Lat 44°56'04", long 92°14'10", in SW 1/4 sec.5, T.28 N., R.15 W., St. Croix County, at box culvert on Interstate Highway 94, 2.0 mi southwest of Hersey.

1960	5/21/60	10.28	35	1971	4/05/71	11.20	105
1961	3/28/61	10.47	45	1972	4/13/72	10.64	60
1962	8/23/62	10.20	25	1973	3/11/73	11.17	103
1963	5/10/63	10.41	40	1974	4/04/74	10.40	40
1964	3/14/64	--	<20	1975	4/27/75	10.96	85
1965	6/01/65	11.10	100	1976	3/12/76	10.59	55
1966	12/12/65	10.58	55	1977	8/31/77	12.30	210
1967	3/29/67	11.55	50	1978	7/01/78	14.36	400
1968	9/22/68	11.57	140	1979	3/30/79	11.07	95
1969	4/07/69	10.74	68	1980	6/06/80	16.43	480
1970	6/15/70	11.27	112				

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05369900							
Station name		Eau Galle River near Woodville, Wis.					
Location		Lat 44°54'18", long 92°15'51", in SE 1/4 sec.13, T.28 N., R.15 W., St. Croix County, on left bank 20 ft downstream from bridge on County Trunk Highway N, 1.3 mi downstream from Carr Creek, and 2.9 mi south of Woodville.					
1979	7/03/79	7.99	1,340	1982	3/30/82	8.74	2,180
1980	6/07/80	11.07	5,280	1983	3/03/83	7.07	871
1981	2/16/81	6.38	566				
Station number 05370000							
Station name		Eau Galle River at Spring Valley, Wis.					
Location		Lat 44°51'10", long 92°14'17", in SE 1/4 NE 1/4 sec.6, T.27 N., R.15 W., Pierce County, Hydrologic Unit 07050005, on right bank 770 ft downstream from flood control dam, 1,500 ft upstream from Mines Creek, at Spring Valley.					
1942	9/18/42	--	33,000	1966	3/03/66	9.08	3,060
1944	6/05/44	--	2,880	1967	3/29/67	--	2,660
1945	3/15/45	--	3,900	1968	9/23/68	15.15	975
1946	3/13/46	--	2,680	1969	4/06/69	17.02	1,430
1947	4/11/47	--	2,310	1970	5/30/70	17.43	1,750
1948	3/23/48	--	2,140	1972	3/20/72	16.48	1,050
1949	7/27/49	--	2,980	1973	3/11/73	17.48	1,790
1950	3/26/50	--	3,390	1974	4/03/74	17.04	1,440
1951	6/24/51	--	2,730	1975	8/23/75	18.95	3,180
1952	8/08/52	--	3,120	1976	3/20/76	16.47	1,040
1953	7/26/53	--	3,480	1977	8/31/77	19.24	3,470
1954	4/15/54	--	7,000	1978	7/01/78	--	3,150
1955	4/04/55	--	1,280	1979	7/04/79	16.54	1,090
1956	4/03/56	--	5,130	1980	6/07/80	19.90	3,030
1957	3/14/57	--	2,490	1981	2/16/81	15.64	512
1958	2/25/58	5.90	1,460	1982	3/30/82	18.46	2,050
1959	7/08/59	10.83	6,200	1983	3/03/83	16.74	1,020
1960	3/27/60	8.00	3,210	1984	5/02/84	15.95	640
1961	3/27/61	7.26	2,540	1985	3/16/85	15.62	504
1962	5/23/62	5.94	1,490	1986	9/21/86	18.90	2,340
1963	3/23/63	8.20	3,390	1987	10/12/86	17.00	1,150
1964	3/13/64	5.84	1,420	1988	3/25/88	15.03	252
1965	6/01/65	12.80	6,820				

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05370500							
Station name		Eau Galle River at Elmwood, Wis.					
Location		Lat 44°46'40", long 92°09'55", in sec.35, T.27 N., R.15 W., Pierce County, on downstream right side of highway bridge in Elmwood, 2 mi upstream from Cady Creek.					
1942	9/18/42	18.20	39,000	1948	3/23/48	--	1,300
1943	3/30/43	10.71	4,220	1949	7/27/49	9.43	2,780
1944	6/05/44	9.78	3,320	1950	3/26/50	10.66	4,220
1945	3/15/45	11.30	4,900	1951	6/25/51	8.70	2,360
1946	3/13/46	10.60	4,110	1952	4/09/52	9.25	2,690
1947	4/11/47	8.16	1,970	1953	8/31/53	11.18	4,780
Station number 05370600							
Station name		Arkansaw Creek tributary near Arkansaw, Wis.					
Location		Lat 44°38'31", long 92°03'09", in SW 1/4 sec.14, T.25 N., R.14 W., Pepin County, at box culvert on U.S. Highway 10, 1.2 mi northwest of Arkansaw.					
1959	3/--/59	11.67	130	1974	7/10/74	11.20	90
1960	12/28/59	11.38	110	1975	8/23/75	14.10	420
1961	6/12/61	11.63	130	1976	3/12/76	13.45	335
1962	3/28/62	12.80	200	1977	8/31/77	12.19	190
1963	7/17/63	10.57	42	1978	7/01/78	12.33	200
1964	5/24/64	11.34	105	1979	7/03/79	11.10	85
1965	4/10/65	13.37	330	1980	4/09/80	12.98	280
1966	3/04/66	12.08	150	1981	5/04/81	12.60	235
1967	3/29/67	12.99	280	1982	--	--	<60
1968	7/14/68	11.39	110	1983	10/20/82	12.50	220
1969	6/09/69	11.98	165	1984	7/10/84	12.30	200
1970	5/28/70	11.45	115	1985	3/12/85	12.82	260
1971	4/01/71	11.87	155	1986	9/22/86	12.72	250
1972	9/25/72	11.40	105	1987	10/12/86	12.50	220
1973	3/11/73	11.99	165	1988	--	--	<100
Station number 05370900							
Station name		Spring Creek near Durand, Wis.					
Location		Lat 44°34'13", long 91°57'48", in S 1/2 sec.9, T.24 N., R.13 W., Buffalo County, at bridge on country road, 4.0 mi south of bridge on Chippewa River at Durand.					
1962	3/28/62	12.21	250	1976	3/12/76	11.38	60
1963	7/17/63	13.28	430	1977	7/03/77	12.45	180
1964	10/25/63	10.68	50	1978	7/01/78	11.52	70
1965	4/07/65	12.92	370	1979	7/04/79	12.13	130
1966	2/08/66	12.63	310	1980	4/09/80	12.59	200
1967	3/29/67	12.19	240	1981	5/04/81	11.60	80
1968	6/21/68	12.79	340	1982	5/05/82	11.19	50
1969	5/16/69	10.68	50	1983	10/20/82	11.71	87
1970	3/03/70	10.51	35	1984	7/10/84	12.61	135

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 05370900--Continued

1971	10/26/70	10.08	10	1985	3/12/85	12.77	225
1972	9/25/72	13.80	400	1986	6/22/86	13.54	355
1973	9/26/73	12.60	200	1987	7/24/87	12.89	250
1974	4/05/74	11.99	110	1988	3/01/88	11.95	100
1975	8/23/75	15.71	860				

Station number 05371300

Station name By Golly Creek near Nelson, Wis.

Location Lat 44°26'21", long 91°57'48", in SW 1/4 sec.28, T.23 N., R.13 W., Buffalo County, at culvert on County Trunk Highway D, 3.0 mi northeast of Nelson.

1962	8/31/62	10.10	12	1971	10/29/70	9.50	5
1965	4/07/65	11.00	20	1975	8/23/75	13.31	154
1966	3/04/66	10.07	11	1977	6/28/77	10.24	15
1967	3/27/67	10.64	12	1978	9/12/78	12.26	95
1968	7/26/68	11.58	64	1979	7/03/79	10.59	25
1969	4/07/69	10.00	10	1980	4/09/80	11.18	48

Station number 05371800

Station name Buffalo River tributary near Osseo, Wis.

Location Lat 44°35'01", long 91°05'40", in S 1/2 sec.3, T.24 N., R.6 W., Jackson County, at culvert on U.S. Highway 10, 6.5 mi east of Osseo.

1960	5/21/60	11.66	125	1975	4/28/75	10.84	42
1961	3/27/61	11.18	92	1976	3/12/76	11.10	56
1962	8/31/62	10.13	30	1977	4/02/77	10.32	22
1963	5/10/63	10.29	40	1978	9/12/78	12.85	188
1964	6/18/64	10.10	30	1979	3/30/79	11.07	54
1965	7/13/65	10.60	58	1980	9/12/80	12.12	126
1966	6/05/66	10.45	50	1981	6/29/81	11.35	70
1967	10/15/66	10.62	58	1982	7/22/82	10.48	28
1968	7/14/68	10.81	70	1983	10/20/82	11.62	87
1969	7/14/69	11.05	84	1984	11/23/83	11.38	72
1970	5/28/70	10.63	58	1985	3/04/85	12.55	82
1971	4/01/71	11.00	80	1986	9/22/86	11.87	106
1972	9/25/72	11.17	92	1987	7/28/87	12.30	140
1973	4/16/73	10.93	78	1988	2/29/88	10.89	45
1974	6/10/74	10.36	44				

Station number 05371920

Station name Buffalo River near Mondovi, Wis.

Location Lat 44°31'36", long 91°41'46", in SW 1/4 SE 1/4 sec.27, T.24 N., R.11 W., Buffalo County, at bridge on State Highway 88, 4.0 mi south of Mondovi.

1974	6/09/74	11.42	770	1982	7/21/82	12.70	1,220
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Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05371920--Continued							
1975	9/10/75	15.39	5,180	1983	7/17/83	13.76	2,130
1976	3/12/76	12.56	1,150	1984	9/12/84	13.50	1,845
1977	7/03/77	11.00	650	1985	3/11/85	13.86	2,280
1978	9/12/78	13.52	1,850	1986	9/22/86	12.96	1,380
1979	7/04/79	11.40	765	1987	10/12/86	12.79	1,280
1980	4/09/80	14.33	2,970	1988	3/24/88	10.83	605
Station number 05372000							
Station name		Buffalo River near Tell, Wis.					
Location		Lat 44°23'30", long 91°50'55", in NW 1/4 sec.16, T.22 N., R.12 W., Buffalo County, on downstream side of bridge, 0.3 mi north of Tell School, 1 mi northeast of Tell, and 6 mi northeast of Alma.					
1933	3/31/33	--	1,970	1942	5/30/42	7.60	5,750
1934	4/04/34	--	8,650	1943	3/27/43	6.60	2,900
1935	8/08/35	--	1,440	1944	3/13/44	5.60	995
1936	3/21/36	6.90	3,270	1945	3/15/45	7.60	5,750
1937	4/03/37	5.60	1,060	1946	3/15/46	6.00	1,200
1938	9/09/38	7.50	5,430	1947	7/29/47	6.75	2,720
1939	3/22/39	7.50	5,430	1948	3/20/48	7.10	5,040
1940	6/23/40	7.70	6,200	1949	3/26/49	5.30	1,080
1941	4/01/41	6.30	1,750	1950	3/28/50	6.80	2,900
Station number 05378200							
Station name		Eagle Creek near Fountain City, Wis.					
Location		Lat 44°09'49", long 91°42'28", in SW 1/4 sec.33, T.20 N., R.11 W., Buffalo County, at bridge on County Trunk Highway G, 2.5 mi north of Fountain City.					
1961	3/25/61	14.32	930	1975	8/28/75	14.00	850
1962	3/28/62	13.75	790	1976	11/10/75	12.35	490
1963	3/26/63	11.76	360	1977	6/15/77	10.90	225
1964	7/01/64	13.50	730	1978	7/07/78	18.35	6,000
1965	4/07/65	14.82	1,100	1979	8/05/79	14.66	1,900
1966	2/08/66	14.06	870	1980	9/07/80	17.36	2,500
1967	3/26/67	11.95	390	1982	5/06/82	15.67	1,480
1968	8/20/68	17.11	2,460	1983	9/20/83	14.54	1,010
1969	6/26/69	11.00	230	1984	7/17/84	14.82	1,110
1971	7/12/71	11.13	250	1985	--	--	<600
1972	8/19/72	12.60	520	1986	7/05/86	15.65	1,460
1973	3/11/73	13.17	660	1987	7/27/87	16.45	1,910
1974	6/09/74	11.88	400	1988	3/24/88	14.19	900

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05379400							
Station name		Trempealeau River at Arcadia, Wis.					
Location		Lat 44°15'15", long 91°30'25", in SW 1/4 sec.32, T.21 N., R.9 W., Trempealeau County, near right bank on downstream side of bridge on State Highway 93 and 95 in Arcadia, 0.5 mi downstream from Turton Creek.					
1968	7/27/68	6.84	8,140	1973	3/11/73	6.59	5,580
1969	4/06/69	5.17	2,920	1974	4/04/74	5.93	3,520
1970	5/28/70	6.31	3,290	1975	8/23/75	8.64	15,900
1971	4/01/71	5.41	2,200	1976	3/12/76	6.67	5,310
1972	9/27/72	6.85	4,510	1977	3/11/77	--	1,250
Station number 05379500							
Station name		Trempealeau River at Dodge, Wis.					
Location		Lat 44°07'55", long 91°33'14", in SE 1/4 sec.10, T.19 N., R.10 W., Trempealeau County, Hydrologic Unit 07040005, near left bank on downstream side of highway bridge in Dodge, 9.0 mi upstream from mouth.					
1914	6/09/14	8.50	3,700	1959	3/27/59	8.80	8,000
1915	3/26/15	6.60	1,700	1960	12/30/59	4.30	1,480
1916	3/26/16	8.20	3,360	1961	3/26/61	9.20	11,100
1917	4/03/17	6.50	1,650	1962	3/29/62	8.30	6,800
1918	3/20/18	9.00	3,600	1963	3/26/63	6.85	3,240
1919	3/17/19	10.20	11,000	1964	9/11/64	5.30	1,980
1934	4/05/34	6.80	8,500	1965	4/07/65	9.40	12,100
1935	7/29/35	7.60	4,490	1966	2/10/66	8.66	3,600
1936	3/22/36	8.70	7,180	1967	3/28/67	10.42	7,350
1937	4/03/37	5.20	1,780	1968	7/28/68	8.70	3,220
1938	9/10/38	6.80	3,170	1969	4/07/69	7.63	2,200
1939	3/24/39	8.40	6,400	1970	5/30/70	8.48	2,830
1940	4/01/40	6.90	3,120	1971	4/04/71	7.59	2,170
1941	4/02/41	6.70	2,890	1972	9/29/72	10.10	5,950
1942	6/03/42	8.10	5,680	1973	3/13/73	10.14	5,500
1943	3/27/43	7.90	5,060	1974	4/06/74	7.98	2,430
1944	2/29/44	5.80	2,040	1975	8/24/75	11.36	10,600
1945	3/16/45	9.10	8,120	1976	3/14/76	9.37	3,030
1946	3/14/46	7.70	4,570	1977	3/13/77	6.44	1,520
1947	4/07/47	8.00	5,410	1978	7/06/78	9.35	3,040
1948	3/21/48	7.80	4,840	1979	3/20/79	7.53	1,900
1949	7/29/49	5.50	1,920	1980	3/20/80 ¹	10.11	4,430
1950	3/29/50	7.30	3,600	1981	2/24/81	9.88	3,990
1951	7/10/51	7.80	4,840	1982	3/17/82	7.75	2,020
1952	4/02/52	8.85	6,950	1983	12/31/82	10.10	4,410
1953	3/19/53	7.50	4,040	1984	7/13/84 ¹	7.11	1,570
1954	6/21/54	7.85	5,710	1985	3/12/85	11.18	9,310
1955	10/4/54	8.80	10,400	1986	9/24/86	10.83	4,920

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 05379500--Continued

1956	4/04/56	10.35	17,400	1987	7/29/87	9.62	2,860
1957	6/23/57	2.90	713	1988	3/09/88	8.40	2,290
1958	2/28/58	4.47	1,140				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05380800

Station name Black River tributary near Whittlesey, Wis.

Location Lat 45°12'34", long 90°19'05", in SW 1/4 sec.35, T.32 N., R.1 E., Taylor County, at bridge on State Highway 13, 1.1 mi south of Whittlesey.

1960	5/07/60	11.31	98	1974	4/04/74	11.13	85
1961	3/27/61	11.26	94	1975	4/23/75	11.38	105
1962	3/29/62	11.14	85	1976	3/30/76	11.89	170
1963	3/26/63	10.90	67	1977	9/19/77	10.59	45
1964	9/02/64	12.08	170	1978	9/12/78	10.81	60
1965	4/26/65	12.19	182	1979	3/21/79	11.31	98
1966	4/01/66	12.08	170	1980	9/21/80	13.33	305
1967	3/29/67	12.55	220	1981	4/04/81	11.34	105
1968	5/16/68	11.97	160	1982	9/11/82	11.92	160
1969	4/07/69	11.40	107	1983	10/20/82	11.41	108
1970	6/14/70	10.88	65	1984	4/30/84	10.51	41
1971	4/10/71	12.07	170	1985	8/10/85	11.00	74
1972	4/16/72	12.09	175	1986	4/01/86	11.54	120
1973	3/11/73	12.10	175	1988	3/10/88	11.98	161

Station number 05380900

Station name Poplar River near Owen, Wis.

Location Lat 44°53'10", long 90°34'17", in NW 1/4 sec.25, T.28 N., R.2 W., Clark County, at bridge on County Trunk Highway N, 4.2 mi south of Owen.

1958	6/05/58	19.46	10,000	1973	5/02/73	18.50	8,800
1959	9/28/59	14.36	2,800	1974	4/04/74	13.37	2,300
1960	5/07/60	16.06	5,100	1975	8/28/75	14.00	2,750
1961	10/31/60	13.01	1,800	1976	3/20/76	14.96	3,700
1962	8/31/62	12.44	1,500	1977	7/24/77	13.80	2,600
1963	5/13/63	14.68	3,410	1978	7/23/78	16.26	5,600
1964	9/03/64	14.63	3,380	1979	5/31/79	14.96	3,700
1965	4/11/65	17.95	7,800	1980	6/06/80	20.12	12,500
1966	3/18/66	16.36	5,600	1981	4/04/81	15.50	4,300
1967	3/31/67	19.12	10,000	1982	4/02/82	13.38	2,300
1968	6/27/68	16.13	5,100	1984	7/11/84	15.36	4,100
1969	4/07/69	16.60	5,700	1985	8/13/85	14.42	3,120
1970	5/23/70	15.50	4,300	1986	3/30/86	17.52	7,400
1971	4/09/71	16.95	6,200	1987	10/12/86	19.32	10,500
1972	4/16/72	15.47	4,300	1988	3/10/88	17.59	7,200

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05380970							
Station name		Cawley Creek near Neillsville, Wis.					
Location		Lat 44°36'42", long 90°34'31", in SW 1/4 sec.25, T.25 N., R.2 W., Clark County, at bridge on State Highway 73, 3.7 mi north of Neillsville.					
1961	3/27/61	16.00	1,500	1975	4/29/75	16.23	2,400
1962	3/29/62	15.20	1,150	1976	3/21/76	15.49	1,760
1963	5/10/63	14.06	970	1977	6/11/77	13.83	880
1964	4/14/64	12.20	300	1978	9/12/78	20.24	7,400
1965	4/26/65	14.78	1,330	1979	6/17/79	15.88	2,060
1966	3/04/66	14.98	1,450	1980	9/12/80	19.90	7,000
1967	3/30/67	17.11	3,400	1981	6/29/81	16.59	2,760
1968	5/16/68	14.94	1,430	1982	8/24/82	13.62	795
1969	6/26/69	18.21	4,850	1983	10/20/82	17.47	3,840
1970	5/28/70	15.23	1,600	1984	7/11/84	16.80	3,000
1971	4/06/71	15.49	1,790	1985	10/17/84	13.58	760
1972	9/26/72	16.66	2,840	1986	9/22/86	20.62	7,880
1973	5/02/73	16.87	3,080	1987	10/12/86	16.68	2,850
1974	4/04/74	14.55	1,200	1988	3/25/88	16.88	3,050
Station number 05381000							
Station name		Black River at Neillsville, Wis.					
Location		Lat 44°33'34", long 90°36'52", in sec.15, T.24 N., R.2 W., Clark County, Hydrologic Unit 07040007, on right bank at downstream side of bridge on U.S. Highway 10 in Neillsville, 1.0 mi downstream from O'Neill Creek, and 2.6 mi upstream from Cunningham Creek.					
1905	6/06/05	22.40	41,100	1950	3/27/50	13.66	14,400
1906	4/03/06	12.30	11,300	1951	4/08/51	16.41	21,300
1907	3/27/07	12.70	12,200	1952	4/02/52	16.50	21,500
1908	4/28/08	11.60	9,820	1953	3/23/53	14.22	15,500
1914	6/05/14	19.80	29,400	1954	5/02/54	14.00	15,100
1915	5/21/15	10.00	6,600	1955	5/29/55	11.54	9,700
1916	3/31/16	13.00	12,100	1956	4/03/56	16.50	21,500
1917	4/04/17	10.50	7,450	1957	7/09/57 ¹	8.16	3,730
1918	5/26/18	11.80	9,670	1958	6/05/58	14.18	15,500
1919	6/24/19	11.70	9,490	1959	9/28/59	10.48	7,630
1920	3/26/20	15.80	20,200	1960	5/07/60	12.92	12,600
1921	3/20/21	13.20	12,900	1961	3/27/61	13.40	13,700
1922	4/09/22	13.80	14,300	1962	4/07/62 ¹	9.80	6,400
1923	4/22/23	10.40	7,370	1963	3/26/63	13.00	12,800
1924	8/22/24	14.80	16,500	1964	9/03/64	8.92	4,890
1925	6/14/25	8.60	4,420	1965	4/12/65	15.28	18,300
1926	4/11/26	12.20	10,800	1966	3/18/66	13.34	13,400
1927	3/13/27	12.40	9,360	1967	3/31/67	18.00	25,700
1928	9/14/28	17.00	22,900	1968	5/16/68	12.56	11,700
1929	3/19/29	12.80	12,400	1969	4/07/69	13.28	13,300

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05381000--Continued							
1930	6/14/30	16.00	20,100	1970	5/23/70	10.94	8,510
1931	6/20/31	7.80	3,090	1971	4/10/71	14.01	14,900
1932	4/07/32	14.60	16,500	1972	9/26/72	14.62	16,600
1933	4/06/33	9.80	6,400	1973	5/02/73	15.91	19,900
1934	4/05/34	15.70	19,300	1974	4/07/74	11.33	9,260
1935	3/23/35	15.60	19,300	1975	4/27/75	12.66	11,900
1936	3/24/36	15.67	19,300	1976	3/30/76	13.94	15,000
1937	4/08/37	8.44	3,860	1977	4/22/77 ¹	6.40	1,750
1938	9/10/38	23.80	48,800	1978	9/13/78	16.15	19,500
1939	3/26/39	14.42	16,000	1979	3/23/79	15.60	18,000
1940	6/22/40	13.02	12,800	1980	9/21/80	18.95	28,300
1941	9/01/41 ¹	11.80	10,200	1981	6/29/81	11.91	9,420
1942	9/19/42	17.55	24,600	1982	4/03/82	15.11	16,600
1943	6/28/43	22.49	41,600	1983	3/07/83	15.73	18,300
1944	6/18/44	11.03	8,620	1984	7/11/84	13.29	12,600
1945	3/17/45	14.88	17,200	1985	12/16/84 ¹	9.74	5,820
1946	3/16/46	12.75	12,400	1986	9/22/86	18.65	28,100
1947	4/06/47	12.34	11,300	1987	10/12/86	13.12	12,300
1948	3/20/48	11.48	9,620	1988	3/25/88	12.21	10,300
1949	3/28/49 ¹	8.43	4,080				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05382000

Station name Black River near Galesville, Wis.

Location Lat 44°04'22", long 91°17'41", in SW 1/4 sec.1, T.18 N., R.8 W., LaCrosse County, Hydrologic Unit 07040007, on left bank 1,000 ft upstream from bridge on U.S. Highway 53, 4.5 mi southeast of Galesville, and 4.8 mi downstream from Fleming Creek.

1932	4/09/32	11.50	22,400	1961	3/29/61	13.38	30,800
1933	4/02/33	8.80	10,700	1962	4/01/62	11.60	17,500
1934	9/28/34	11.90	25,500	1963	3/28/63	12.33	21,400
1935	3/23/35	12.40	30,000	1964	5/12/64	7.85	7,760
1936	3/25/36	12.90	36,500	1965	4/13/65	13.60	33,000
1937	4/04/37	8.00	9,290	1966	3/20/66	12.08	21,400
1938	9/11/38	14.31	58,000	1967	4/01/67	14.63	65,500
1939	3/26/39	12.60	30,500	1968	6/29/68	12.54	22,900
1940	6/26/40	10.62	16,000	1969	4/07/69	12.62	21,200
1941	4/04/41	10.66	15,700	1970	5/30/70	11.94	17,000
1942	9/21/42	13.10	36,400	1971	4/11/71	12.43	19,200
1943	5/31/43	13.25	34,600	1972	9/29/72	12.25	17,600
1944	6/20/44	11.55	19,400	1973	3/13/73	14.51	36,300
1945	3/19/45 ¹	12.40	25,000	1974	4/09/74	10.73	12,400
1946	3/17/46	12.11	22,500	1975	4/30/75	13.73	26,900
1947	4/08/47	10.66	15,800	1976	4/01/76	13.22	22,300
1948	3/23/48	10.00	12,400	1977	7/05/77	5.24	3,440

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05382000--Continued							
1949	3/31/49	6.50	5,300	1978	9/15/78	13.75	22,500
1950	3/29/50	10.43	14,800	1979	3/25/79	14.54	31,800
1951	4/09/51	13.15	29,100	1980	9/23/80	15.46	44,400
1952	4/03/52	14.00	51,000	1981	4/07/81	12.32	16,600
1953	3/25/53	12.56	26,900	1982	4/05/82	13.93	24,700
1954	5/04/54	12.35	24,600	1983	3/08/83	14.84	37,900
1955	5/31/55	11.90	20,500	1984	5/03/84	11.50	13,500
1956	4/06/56	12.90	29,300	1985	3/14/85	10.68	11,300
1957	3/18/57	7.06	6,300	1986	9/24/86	15.14	43,600
1958	4/09/58	9.65	11,400	1987	10/1/86	--	14,000
1959	9/30/59 ¹	10.67	14,500	1988	3/27/88	10.57	11,000
1960	5/09/60	12.63	26,200				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05382200

Station name French Creek near Ettrick, Wis.

Location Lat 44°11'04", long 91°18'49", in NE 1/4 sec.27, T.20 N., R.8 W., Trempealeau County, at bridge on County Trunk Highways D and T, 2.5 mi west of Ettrick.

1960	8/29/60	11.09	410	1976	3/12/76	10.02	205
1961	3/27/61	11.45	520	1978	7/07/78	10.11	215
1962	8/31/62	11.53	550	1979	--	--	<100
1963	3/23/63	10.70	315	1980	9/21/80	9.94	184
1964	9/08/64	10.68	310	1981	4/04/81	10.48	270
1965	4/06/65	11.46	530	1982	3/30/82	9.34	75
1966	2/08/66	11.32	480	1983	12/28/82	12.50	980
1967	3/27/67	13.07	1,300	1984	7/11/84	9.63	123
1968	8/20/68	12.56	1,000	1985	11/1/84	10.77	330
1972	9/26/72	12.50	980	1986	9/22/86	11.34	490
1974	8/22/74	10.48	270	1987	7/28/87	12.75	1,160
1975	4/28/75	13.16	1,350	1988	--	--	<75

Station number 05382300

Station name Beaver Creek tributary near Sparta, Wis.

Location Lat 43°57'58", long 90°49'33", in NW 1/4 sec.11, T.17 N., R.4 W., Monroe County, at box culvert on State Highway 27 and 71, 1.9 mi north of Sparta.

1959	3/--/59	13.19	152	1970	5/22/70	11.55	92
1960	5/07/60	10.78	40	1971	4/01/71	12.85	200
1961	3/26/61	12.05	134	1972	9/26/72	11.72	105
1962	3/28/62	11.06	56	1973	3/11/73	11.70	103
1963	3/26/63	11.71	104	1974	4/04/74	12.25	150
1964	5/15/64	11.75	106	1975	3/28/75	12.19	140
1965	4/10/65	11.85	104	1976	3/12/76	11.76	108
1966	2/08/66	12.72	170	1977	6/06/77	14.49	370

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 05382300--Continued

1967	6/15/67	12.47	168	1978	7/01/78	12.30	152
1968	6/21/68	12.03	130	1979	3/30/79	11.39	80
1969	6/26/69	12.17	140	1980	9/12/80	12.83	200

Station number 05382500

Station name Little La Crosse River near Leon, Wis.

Location Lat 43°53'45", long 90°50'25", in NE 1/4 sec.3, T.16 N., R.4 W., Monroe County, 4.0 mi upstream from mouth, 1.5 mi northwest of Leon.

1934	7/06/34	9.84	1,370	1958	2/24/58	3.65	426
1935	8/06/35	14.43	4,620	1959	9/27/59	7.60	1,380
1936	3/10/36	9.62	1,210	1960	6/28/60	6.72	1,160
1937	3/07/37	6.73	457	1961	3/25/61	10.50	3,000
1938	9/12/38	8.80	881	1962	8/31/62	4.42	600
1939	3/19/39	7.17	580	1963	3/23/63	5.00	730
1940	8/02/40	8.90	913	1964	4/01/64	2.92	285
1941	9/16/41	9.60	1,210	1965	5/26/65	2.90	280
1942	6/07/42	9.98	1,480	1966	2/09/66	9.25	2,150
1943	3/26/43	6.82	520	1967	6/15/67	7.20	1,330
1944	2/22/44	9.63	1,210	1968	6/21/68	7.90	1,570
1945	5/22/45	9.76	1,330	1969	6/26/69	5.92	960
1946	1/06/46	9.88	1,400	1970	3/03/70	5.33	810
1947	6/29/47	11.22	2,300	1971	4/01/71	2.51	210
1948	2/28/48	9.01	960	1972	4/22/72	5.10	760
1949	3/22/49	5.90	414	1973	4/16/73	5.90	960
1950	3/07/50	9.60	1,200	1974	3/03/74	5.02	730
1951	7/21/51	6.67	532	1975	4/28/75	5.38	825
1952	7/20/52	8.00	1,190	1976	3/12/76	6.20	1,040
1953	4/10/53	3.48	371	1977	7/03/77	4.58	635
1954	7/03/54	7.83	1,160	1978	7/02/78	9.72	2,440
1955	6/02/55	9.80	2,100	1980	8/08/80	8.13	1,770
1956	4/02/56	9.15	1,840	1981	7/18/81	8.73	2,110
1957	6/11/57	4.10	522				

Station number 05383000

Station name La Crosse River near West Salem, Wis.

Location Lat 43°54'05", long 91°07'08", in SE 1/4 sec.32, T.17 N., R.6 W., La Crosse County, on left bank 30 ft upstream from old highway bridge, 0.1 mi downstream from Gill Coulee, 0.2 mi upstream from U.S. 16 highway bridge, and 1.8 mi west of West Salem.

1914	6/28/14	5.70	1,800	1943	5/31/43	8.22	2,790
1915	2/23/15	7.30	1,800	1944	3/13/44	7.51	2,150
1916	1/29/16	5.70	1,850	1945	5/23/45	9.16	4,590
1917	3/24/17	7.60	2,990	1946	1/07/46	9.27	4,170

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05383000--Continued							
1918	3/18/18	7.80	3,130	1947	6/30/47	8.29	2,900
1919	3/16/19	8.80	3,900	1948	2/29/48	7.70	2,300
1920	6/16/20	7.00	2,600	1949	3/23/49	6.65	2,020
1921	6/10/21	4.10	1,150	1950	3/07/50	8.32	2,900
1922	2/24/22	8.50	2,920	1951	3/29/51	6.13	1,630
1923	4/04/23	7.20	2,480	1952	7/20/52	8.04	2,470
1924	8/20/24	7.00	2,600	1953	3/19/53	5.23	1,320
1925	6/15/25	6.30	2,120	1954	7/05/54	6.67	1,730
1926	8/22/26	6.00	1,920	1955	6/03/55	8.92	3,650
1927	7/21/27	4.70	1,370	1956	4/03/56	10.42	5,720
1928	9/15/28	10.20	5,160	1957	2/26/57	4.12	984
1929	6/16/29	4.70	1,170	1958	2/27/58	5.17	1,310
1930	2/21/30	8.80	3,270	1959	4/01/59	8.62	3,270
1931	6/23/31	3.00	635	1960	5/08/60	7.20	1,780
1932	6/08/32	6.40	2,380	1961	3/27/61	10.33	4,490
1933	3/31/33	9.40	4,310	1962	3/29/62	8.10	2,150
1934	4/04/34	9.20	3,890	1963	3/25/63	7.93	2,060
1935	8/06/35	12.20	8,200	1964	4/07/64	5.29	1,020
1936	3/18/36	8.40	3,020	1965	3/03/65	8.76	2,610
1937	3/08/37	7.70	1,100	1966	2/08/66	11.29	5,940
1938	9/11/38	8.80	3,490	1967	6/16/67	10.27	3,620
1939	3/20/39	7.66	1,510	1968	6/21/68	9.85	2,360
1940	6/24/40	4.81	1,140	1969	6/27/69	8.84	1,750
1941	9/16/41	8.35	3,020	1970	3/04/70	9.96	1,800
1942	6/30/42	9.20	4,170	1978	7/02/78	12.82	7,600
Station number 05386300							
Station name		Mormon Creek near La Crosse, Wis.					
Location		Lat 43°46'00", long 91°08'27", in NE 1/4 sec.19, T.15 N., R.6 W., La Crosse County, at bridge on country road, 6.0 mi southeast of La Crosse.					
1961	3/25/61	11.57	720	1978	7/02/78	20.60	8,140
1962	8/31/62	10.46	450	1979	3/30/79	9.81	420
1963	7/13/63	8.36	90	1980	9/08/80	16.05	2,740
1964	9/10/64	8.02	40	1981	7/11/81	18.98	5,120
1965	9/28/65	11.71	760	1982	5/04/82	6.82	70
1966	2/08/66	11.35	780	1983	9/19/83	14.71	1,940
1967	2/15/67	9.92	470	1984	6/16/84	13.43	1,340
1968	6/21/68	14.47	1,960	1985	10/17/84	13.42	1,330
1969	6/26/69	14.18	1,810	1986	9/10/86	7.11	90
1975	4/27/75	15.04	2,320	1987	--	--	<40
1976	3/12/76	13.02	1,300	1988	3/24/88	7.25	100
1977	7/03/77	15.48	2,640				

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05387100							
Station name		North Fork Bad Axe River near Genoa, Wis.					
Location		Lat 43°33'10", long 91°08'58", in SW 1/4 sec.36, T.13 N., R.7 W., Vernon County, at bridge on State Highway 56, 4.1 mi southeast of Genoa.					
1959	8/27/59	19.59	3,500	1974	3/03/74	14.39	1,250
1960	7/03/60	18.24	2,850	1975	4/28/75	14.51	1,300
1961	3/27/61	16.12	1,900	1976	3/12/76	14.98	1,500
1962	3/28/62	16.03	1,850	1978	7/02/78	16.37	2,000
1963	3/23/63	14.10	1,050	1979	--	--	<500
1965	3/05/65	15.91	1,930	1980	9/07/80	15.69	2,450
1966	2/08/66	16.79	2,400	1981	7/12/81	15.34	2,100
1967	3/25/67	15.43	<500	1982	--	--	<500
1968	6/21/68	13.30	930	1983	--	--	<500
1969	6/26/69	12.08	600	1984	--	--	<500
1970	3/03/70	10.22	225	1985	2/23/85	13.01	820
1971	7/27/71	11.90	560	1986	8/26/86	12.54	710
1972	4/22/72	12.98	840	1987	7/28/87	12.92	730
1973	4/16/73	--	1,400	1988	--	--	<500
Station number 05388460							
Station name		Du Charme Creek at Eastman, Wis.					
Location		Lat 43°10'32", long 91°01'53", in NE 1/4 sec.13, T.8 N., R.6 W., Crawford County, at culvert on County Trunk Highway D, at Eastman.					
1961	9/31/61	10.47	30	1970	3/03/70	10.75	50
1962	7/03/62	11.50	105	1971	3/01/71	11.16	80
1963	3/17/63	10.46	30	1972	8/20/72	11.94	145
1964	6/22/64	12.31	175	1975	3/18/75	11.50	105
1965	9/07/65	11.35	95	1978	6/17/78	14.85	415
1966	7/14/66	11.28	90	1979	3/19/79	9.84	10
1967	7/17/67	14.05	200	1980	3/15/80	10.21	18
1968	6/23/68	11.29	90	1981	--	--	<10
1969	6/26/69	11.26	88				
Station number 05390140							
Station name		Muskrat Creek at Conover, Wis.					
Location		Lat 46°03'27", long 89°15'24", in SW 1/4 sec.4, T.41 N., R.10 E., Vilas County, at corrugated culvert on U.S. Highway 45, 0.1 mi north of Conover.					
1970	5/30/70	11.86	62	1980	4/09/80	11.87	63
1971	4/11/71	13.26	122	1981	6/29/81	12.83	105
1972	9/26/72	11.71	57	1982	3/30/82	12.90	105
1973	3/13/73	12.33	81	1983	7/04/83	12.00	66
1974	8/03/74	11.11	37	1984	4/30/84	11.50	49
1975	4/25/75	11.93	66	1985	4/17/85	11.86	62
1976	5/16/76	11.82	61	1986	4/03/86	12.75	96
1977	9/19/77	10.86	30	1987	10/12/86	11.11	36
1978	8/23/78	11.64	54	1988	4/03/88	11.75	58

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 05390140--Continued

1979	4/23/79	12.58	90
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Station number 05390180

Station name Wisconsin River at Conover, Wis.

Location Lat 46°02'52", long 89°15'57", in NE 1/4 sec.8, T.41 N., R.10 E., Vilas County, on left bank 60 ft upstream from highway bridge on County Trunk K, 0.5 mi downstream from Pioneer Creek, and 0.6 mi southwest of Conover.

1968	7/01/68	4.67	354	1970	6/01/70	4.99	450
1969	7/17/69 ¹	4.93	411	1971	4/13/71	5.21	532

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05390240

Station name Fourmile Creek near Three Lakes, Wis.

Location Lat 45°50'17", long 89°04'32", in NE 1/4 sec.26, T.39 N., R.11 E., Oneida County, at 2-barrel corrugated culvert on Fourmile Creek Road, 5.5 mi northeast of Three Lakes.

1970	4/20/70	10.51	32	1980	9/21/80	12.38	101
1971	4/13/71	11.52	73	1981	6/14/81	11.81	85
1972	4/28/72	11.47	70	1982	5/06/82	12.85	115
1973	5/02/73	11.61	77	1983	9/22/83	11.25	55
1974	6/14/74	11.59	76	1984	4/29/84	11.06	50
1975	4/29/75	11.92	78	1985	10/18/84	12.25	60
1976	4/19/76	12.40	70	1986	7/12/86	12.47	73
1977	3/29/77	12.23	93	1987	5/19/87	12.71	110
1978	8/23/78	12.07	85	1988	4/03/88	12.28	92
1979	4/21/79	12.66	115				

Station number 05391000

Station name Wisconsin River at Rainbow Lake near Lake Tomahawk, Wis.

Location Lat 45°49'50", long 89°33'08", in NE 1/4 NE 1/4 sec.36, T.39 N., R.7 E., Oneida County, Hydrologic Unit 07070001, on right bank 500 ft downstream from Gilmore Creek, 0.4 mi downstream from Rainbow Lake, and 2.3 mi northeast of Lake Tomahawk.

1937	5/11/37	4.10	1,130	1963	12/11/62	3.00	905
1938	8/10/38	6.33	2,420	1964	9/26/64	2.31	622
1939	6/30/39	6.43	2,650	1965	5/18/65	5.78	2,400
1940	5/26/40	4.77	1,700	1966	4/28/66	3.83	1,280
1941	9/05/41	7.59	3,570	1967	4/21/67	5.99	2,530
1942	7/18/42	7.23	3,430	1968	6/30/68	6.02	2,550
1943	6/17/43	6.66	3,010	1969	6/27/69	4.93	1,900
1944	5/17/44	4.67	1,770	1970	1/22/70	3.03	888
1945	4/24/45	5.14	1,980	1971	12/2/70	3.92	1,310
1946	6/26/46	6.68	3,010	1972	9/30/72	4.76	1,780

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 05391000--Continued

1947	5/10/47	4.54	1,600	1973	5/07/73	6.30	2,770
1948	2/28/48	2.72	734	1974	10/6/73	3.31	1,010
1949	8/26/49	3.96	1,320	1975	6/22/75	3.73	1,220
1950	5/12/50	6.00	2,500	1976	5/01/76	3.77	1,240
1951	5/19/51	5.43	2,170	1977	9/24/77	4.24	1,470
1952	10/5/51	5.46	2,300	1978	8/27/78	6.27	2,750
1953	6/22/53	5.78	2,450	1979	4/30/79	4.62	1,700
1954	5/10/54	5.50	2,250	1980	9/25/80	5.30	2,110
1955	10/17/54	4.79	1,840	1981	6/20/81	6.14	2,520
1956	7/12/56	4.02	1,440	1982	5/08/82	4.48	1,560
1957	10/1/56	2.93	886	1983	6/05/83	4.50	1,660
1958	6/17/58	2.75	802	1984	10/18/83	4.55	1,690
1959	9/28/59	5.68	2,340	1985	5/31/85	4.09	1,450
1960	10/2/59	5.86	2,450	1986	10/8/85	5.14	2,040
1961	5/19/61	4.70	1,750	1987	10/15/86	4.22	1,460
1962	12/29/61	3.34	1,060	1988	2/17/88	2.61	733

Station number 05391260

Station name Gudegast Creek near Starks, Wis.

Location Lat 45°41'41", long 89°15'42", in NW 1/4 sec.16, T.37 N., R.10 E., Oneida County, at corrugated culvert on country road, 3.0 mi northwest of Starks.

1970	5/31/70	11.72	57	1980	4/09/80	11.81	61
1971	4/13/71	12.08	71	1981	6/14/81	12.56	92
1972	8/18/72	12.61	94	1982	3/29/82	12.42	87
1973	5/02/73	12.24	78	1983	5/07/83	11.63	54
1974	4/13/74	11.34	44	1984	9/24/84	11.41	46
1975	6/21/75	12.29	80	1985	9/23/85	11.69	56
1976	3/10/76	11.63	54	1986	7/12/86	12.54	91
1977	3/12/77	11.36	45	1987	10/11/86	12.43	86
1978	8/23/78	11.78	60	1988	4/04/88	11.63	54
1979	4/16/79	11.93	65				

Station number 05391950

Station name Squaw Creek near Harrison, Wis.

Location Lat 45°32'47", long 89°29'16", in SW 1/4 sec.3, T.35 N., R.8 E., Lincoln County, at culvert on County Trunk Highway A, 5.0 mi northeast of Harrison.

1970	5/31/70	10.47	15	1980	9/21/80	10.78	20
1971	4/13/71	10.78	21	1981	6/14/81	10.91	22
1972	8/18/72	10.29	12	1982	5/06/82	11.03	25
1973	8/20/73	10.68	18	1983	5/23/83	11.24	30
1974	4/13/74	10.28	12	1984	4/30/84	11.32	32
1975	9/10/75	10.44	14	1985	4/17/85	10.82	21

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05391950--Continued							
1976	5/16/76	10.59	17	1986	9/22/86	11.07	26
1977	3/12/77	10.61	17	1987	3/03/87	11.35	32
1978	4/02/78	10.27	12	1988	7/09/88	10.51	15
1979	4/16/79	11.03	25				
Station number 05392000							
Station name		Wisconsin River at Whirlpool Rapids, near Rhinelander, Wis.					
Location		Lat 45°33'15", long 89°30'25", in NW 1/4 sec.4, T.35 N., R.8 E., Oneida County, on right bank at head of Whirlpool Rapids, 0.6 mi downstream from outlet of Crescent Lake and 10 mi southwest of Rhinelander.					
1906	4/22/06	--	3,460	1935	3/27/35	4.80	4,030
1907	4/03/07	--	3,720	1936	5/10/36	4.82	4,030
1908	5/02/08	--	3,720	1937	5/03/37	4.05	2,780
1909	4/29/09	--	2,820	1938	5/08/38	4.86	3,950
1910	11/15/09	--	2,340	1939	6/26/39	5.16	4,540
1911	7/24/11	--	2,940	1940	6/10/40	4.50	3,400
1912	8/11/12	--	5,020	1941	9/06/41	5.91	5,590
1913	7/29/13	--	2,940	1942	9/23/42	5.44	4,880
1914	7/02/14	--	3,160	1943	6/18/43	5.59	5,230
1915	7/18/15	--	3,060	1944	5/18/44	4.33	3,180
1916	4/22/16	5.61	5,250	1945	6/04/45	4.81	3,870
1917	4/25/17	4.15	2,900	1946	6/28/46	5.44	4,880
1918	6/01/18	4.20	3,030	1947	5/06/47 ¹	--	2,460
1919	4/13/19	4.28	3,200	1948	2/29/48 ¹	--	1,630
1920	4/01/20	5.20	4,520	1949	7/06/49	3.34	1,940
1921	4/30/21	4.65	3,620	1950	5/13/50	5.36	4,880
1922	4/12/22	5.18	4,490	1951	5/21/51	4.96	4,200
1923	4/23/23	5.24	4,590	1952	7/25/52	4.70	3,710
1924	4/18/24	4.55	3,480	1953	6/22/53	4.96	4,120
1925	6/16/25	4.15	2,720	1954	5/08/54	5.07	4,320
1927	7/28/27	4.35	3,180	1955	10/18/54	4.23	2,900
1928	9/18/28	5.13	4,350	1956	7/14/56	3.77	2,340
1929	4/10/29	5.70	5,410	1957	4/22/57	3.58	2,190
1930	6/21/30	4.15	2,970	1958	7/15/58	3.76	2,410
1931	6/12/31	3.75	2,460	1959	9/26/59	5.42	4,740
1932	4/12/32	4.38	3,250	1960	5/08/60	5.55	5,040
1933	4/19/33	4.64	3,620	1961	5/22/61	4.38	3,130
1934	4/12/34	4.40	3,400				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05392150							
Station name		Mishonagon Creek near Woodruff, Wis.					
Location		Lat 45°54'41", long 89°45'30", in NE 1/4 sec.32, T.40 N., R.6 E., Vilas County, at twin culverts on State Highway 47, 3.0 mi northwest of Woodruff.					
1958	7/---/58	10.04	56	1974	4/13/74	10.47	74
1959	9/21/59	10.65	80	1975	4/20/75	9.70	45
1960	8/28/60	10.13	59	1976	3/30/76	10.40	70
1961	3/---/61	10.15	60	1977	4/13/77	10.71	85
1962	9/16/62	9.80	48	1978	8/23/78	11.20	110
1963	3/24/63	10.00	55	1979	4/20/79	10.76	88
1964	8/01/64	9.40	34	1980	8/27/80	10.45	76
1965	5/15/65	10.20	62	1981	6/14/81	10.57	80
1966	12/12/65	10.30	66	1982	4/16/82	10.00	55
1967	10/15/66	10.03	56	1983	4/13/83	10.89	95
1968	6/30/68	10.42	70	1984	9/02/84	10.39	70
1969	7/15/69	10.84	93	1985	8/10/85	10.41	71
1970	4/13/70	10.34	67	1986	9/22/86	10.45	76
1971	4/12/71	10.20	62	1987	9/06/87	10.96	98
1972	8/17/72	11.33	117	1988	4/04/88	10.40	70
1973	11/2/72	10.89	95				
Station number 05392350							
Station name		Bearskin Creek near Harshaw, Wis.					
Location		Lat 45°38'43", long 89°41'12", in SW 1/4 sec.36, T.37 N., R.6 E., Oneida County, at culvert on County Trunk Highway K, 2.1 mi southwest of Harshaw.					
1959	4/---/59	9.81	90	1974	3/12/74	9.38	62
1960	8/28/60	10.01	104	1975	3/23/75	9.70	82
1961	3/27/61	9.59	75	1976	3/20/76	9.63	77
1962	9/16/62	9.50	65	1977	8/31/77	9.78	88
1963	8/13/63	9.12	44	1978	9/14/78	9.44	65
1964	8/01/64	9.18	48	1979	4/16/79	9.41	62
1965	5/22/65	10.15	115	1981	6/14/81	10.97	180
1966	8/07/66	9.55	73	1982	4/16/82	10.38	130
1967	4/02/67	9.63	78	1983	9/20/83	9.60	75
1968	6/21/68	10.37	132	1984	4/30/84	9.45	62
1969	6/27/69	9.43	62	1985	9/23/85	9.64	78
1970	4/09/70	9.32	54	1986	9/22/86	9.94	100
1971	7/18/71	9.61	75	1987	3/03/87	9.52	70
1972	9/26/72	9.52	68	1988	4/03/88	9.27	54
1973	5/02/73	9.97	100				

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05393000							
Station name		Tomahawk River at Bradley, Wis.					
Location		Lat 45°32'21", long 89°44'47", in NW 1/4 NW 1/4 sec.9, T.35 N., R.6 E., Lincoln County, at dam at outlet of Lake Nokomis, 0.5 mi northeast of Bradley, 4.0 mi upstream from Jersey powerplant, and 4.7 mi upstream from mouth.					
1930	9/13/30	--	1,220	1952	10/7/51	--	1,640
1931	9/07/31	--	890	1953	7/02/53	--	1,570
1932	1/29/32	--	1,170	1954	8/08/54	--	1,280
1933	7/15/33	--	939	1955	10/25/54	--	1,240
1934	6/08/34	--	612	1956	9/08/56	--	778
1935	7/06/35	--	1,890	1957	12/11/56	--	767
1936	7/11/36	--	1,170	1958	8/24/58	--	688
1937	8/23/37	--	912	1959	9/30/59	--	2,460
1938	9/13/38	--	1,760	1960	10/2/59	--	2,690
1939	6/14/39	--	2,100	1961	1/21/61	--	1,050
1940	6/10/40	--	1,410	1962	12/13/61	--	926
1941	9/15/41	--	1,790	1963	12/30/62	--	989
1942	5/31/42	--	2,100	1964	12/17/63	--	488
1943	6/18/43	--	2,530	1965	5/22/65	--	1,560
1944	7/04/44	--	1,100	1966	6/02/66	--	953
1945	6/05/45	--	1,860	1967	9/13/67	--	1,020
1946	6/25/46	--	1,840	1968	6/25/68	--	2,540
1947	7/31/47	--	1,310	1969	6/28/69	--	1,300
1948	10/26/47	--	587	1970	1/07/70	--	883
1949	2/13/49	--	759	1971	6/20/71	--	1,100
1950	6/01/50	--	976	1972	1/15/72	--	1,030
1951	9/15/51	--	1,460	1973	5/04/73	--	2,250
Station number 05393500							
Station name		Spirit River at Spirit Falls, Wis.					
Location		Lat 45°26'58", long 89°58'47", in NW 1/4 sec.10, T.34 N., R.4 E., Lincoln County, Hydrologic Unit 07070001, on right bank 40 ft downstream of bridge, 0.2 mi south of Spirit Falls, 0.6 mi upstream from Squaw Creek, and 2.0 mi downstream from Richie Creek.					
1942	9/18/42	10.00	4,180	1966	3/18/66	7.59	2,000
1943	3/31/43	6.80	1,850	1967	4/02/67	7.91	2,960
1944	5/13/44	5.80	1,290	1968	5/16/68	6.62	1,840
1945	3/18/45	7.18	2,200	1969	4/10/69 ¹	6.54	1,770
1946	3/17/46	9.14	3,540	1970	4/09/70	6.25	500
1947	4/06/47	6.08	1,510	1971	4/12/71	7.20	2,150
1948	3/27/48	4.30	624	1972	4/18/72	6.52	1,750
1949	3/30/49	6.30	1,630	1973	5/02/73	7.20	2,290
1950	4/18/50	7.10	2,140	1974	4/13/74	5.70	1,190
1951	4/12/51	6.22	1,570	1975	4/23/75	6.98	2,110

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05393500--Continued							
1952	4/18/52	6.37	1,700	1976	3/30/76	6.69	1,910
1953	6/20/53	6.64	1,820	1977	4/22/77	4.69	736
1954	5/03/54	5.60	1,210	1978	5/30/78	6.97	2,190
1955	10/15/54	6.10	1,510	1979	6/17/79	6.46	1,730
1956	4/06/56	7.30	1,600	1980	9/21/80	6.66	1,890
1957	5/15/57	3.90	478	1981	6/29/81	6.15	1,490
1958	7/05/58	4.53	710	1982	4/17/82	6.59	1,830
1959	9/27/59	6.50	1,520	1983	3/07/83	6.94	2,110
1960	4/13/60	6.10	1,290	1984	11/24/83	5.53	1,140
1961	3/28/61	6.87	1,200	1985	9/09/85 ¹	6.63	1,860
1962	5/14/62	5.67	1,080	1986	9/27/86	7.87	2,970
1963	4/03/63	4.70	672	1987	10/12/86	6.04	1,420
1964	5/06/64	3.80	394	1988	4/04/88 ¹	4.51	664
1965	4/14/65	8.87	1,500				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05393620

Station name Skanawan Creek near Tomahawk, Wis.

Location Lat 45°25'39", long 89°41'35", in SW 1/4 sec.13, T.34 N., R.6 E., Lincoln County, at culvert on State Highway 107, 3.5 mi southeast of Tomahawk.

1970	4/10/70	10.74	36	1976	3/30/76	11.03	69
1971	4/13/71	11.60	70	1977	3/12/77	11.12	73
1972	4/17/72	11.13	65	1978	4/02/78	10.75	55
1973	5/02/73	13.26	70	1979	6/17/79	12.30	115
1974	3/12/74	11.11	62	1981	6/14/81	14.26	335
1975	4/23/75	11.40	78				

Station number 05393640

Station name Little Pine Creek near Irma, Wis.

Location Lat 45°23'37", long 89°40'20", in NW 1/4 sec.31, T.34 N., R.7 E., Lincoln County, at box culvert on U.S. Highway 51, 3.0 mi north of Irma.

1970	5/31/70	12.06	75	1980	4/09/80	12.66	108
1971	4/13/71	13.12	160	1981	6/14/81	14.38	310
1972	4/18/72	12.79	120	1982	4/16/82	13.01	145
1973	3/15/73	13.53	225	1983	3/07/83	12.77	118
1974	4/13/74	12.58	100	1984	4/30/84	12.37	88
1975	4/29/75	12.75	116	1985	9/25/85	13.12	158
1976	3/30/76	12.99	140	1986	3/30/86	13.22	165
1977	9/19/77	11.89	66	1987	3/05/87	10.83	25
1978	7/18/78	12.78	119	1988	3/09/88	12.62	104
1979	4/15/79	12.75	117				

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05394000							
Station name		New Wood River near Merrill, Wis.					
Location		Lat 45°15'30", long 89°50'40", in E 1/2 sec.15, T.32 N., R.5 E., Lincoln County, near right bank on downstream side of county highway bridge, 0.75 mi downstream from Kelly Creek, 2.75 mi upstream from mouth, and 9.5 mi northwest of Merrill.					
1953	6/21/53 ¹	--	1,100	1967	3/31/67	6.38	1,200
1954	5/03/54	5.32	1,110	1968	6/21/68	6.46	2,400
1955	4/06/55 ¹	--	916	1969	4/10/69	5.65	1,745
1956	4/11/56	5.22	1,050	1970	3/31/70	4.28	560
1957	5/15/57 ¹	--	615	1971	4/13/71	6.05	2,170
1958	4/08/58 ¹	--	530	1972	4/18/72	6.14	2,290
1959	7/09/59	6.00	1,370	1973	3/15/73	5.99	2,050
1960	5/17/60 ¹	--	1,180	1974	4/13/74	5.10	950
1961	3/30/61 ¹	--	900	1975	4/23/75	6.06	1,550
1962	5/13/62	5.17	1,280	1976	3/30/76	7.24	2,460
1963	5/10/63	4.51	780	1978	7/23/78	4.73	760
1964	4/22/64	3.81	400	1979	6/17/79	8.12	3,350
1965	4/11/65	6.38	1,200	1980	9/21/80	8.20	3,500
1966	6/06/66	4.72	920				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05394200
Station name Devil Creek near Merrill, Wis.
Location Lat 45°08'56", long 89°47'13", in N 1/2 sec.30, T.31 N., R.6 E., Lincoln County, at culvert on County Trunk Highway F, 5.8 mi southwest of Merrill.

1961	11/3/60	11.96	145	1975	4/21/75	13.56	430
1962	9/16/62	13.20	285	1976	3/30/76	14.50	500
1963	5/10/63	11.14	90	1977	3/29/77	12.03	150
1964	9/10/64	11.89	140	1978	7/23/78	14.82	500
1965	4/11/65	14.50	250	1979	3/23/79	13.26	290
1966	11/26/65	11.56	115	1980	9/21/80	15.11	765
1967	3/31/67	15.46	300	1981	4/04/81	13.25	290
1968	6/21/68	12.50	190	1982	4/16/82	14.03	400
1969	6/26/69	13.21	280	1983	4/03/83	13.71	360
1970	4/08/70	12.36	250	1984	3/15/84	13.30	295
1971	4/09/71	14.24	320	1985	9/25/85	12.37	245
1972	9/26/72	13.82	480	1986	3/31/86	13.36	400
1973	5/02/73	13.26	380	1987	10/12/86	13.94	500
1974	4/13/74	12.04	195	1988	3/09/88	13.97	400

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05394500							
Station name Prairie River near Merrill, Wis.							
Location Lat 45°14'09", long 89°38'59", on line between secs.20 and 29, T.32 N., R.7 E., Lincoln County, Hydrologic Unit 07070002, on left bank 40 ft upstream from bridge on County Trunk Highway C, 1.5 mi upstream from Meadow Creek, 4.5 mi northeast of Merrill, and 8.0 mi upstream from mouth.							
1914	4/30/14	4.50	1,160	1956	4/07/56	4.50	1,050
1915	5/22/15	3.80	781	1957	5/16/57	3.40	567
1916	4/22/16	6.20	2,380	1958	7/06/58	4.70	1,160
1917	6/08/17	4.10	916	1959	9/28/59	7.10	3,000
1918	5/28/18	5.00	1,420	1960	5/07/60	6.70	2,620
1919	4/11/19	4.80	1,280	1961	3/28/61	6.44	2,390
1920	3/28/20	5.80	2,020	1962	5/14/62	5.00	1,340
1921	4/28/21	5.60	1,860	1963	5/13/63	3.95	772
1922	4/11/22	5.90	2,110	1964	4/22/64	3.78	711
1923	4/22/23	6.20	2,380	1965	4/12/65	6.60	2,530
1924	4/17/24	5.40	1,700	1966	3/18/66	4.60	1,100
1925	6/05/25	4.00	870	1967	3/31/67	6.76	2,670
1926	8/21/26	7.60	3,780	1968	6/28/68	4.50	1,050
1927	3/18/27	5.60	1,860	1969	4/10/69	5.76	1,620
1928	9/15/28	5.00	1,420	1970	5/23/70	4.04	676
1929	4/07/29	6.50	2,680	1971	4/13/71	6.00	1,820
1930	6/16/30	4.50	1,110	1972	4/18/72	6.33	2,070
1931	6/13/31	2.90	394	1973	3/15/73	6.66	2,390
1940	6/08/40	5.60	1,810	1974	4/13/74	4.61	946
1941	8/31/41	9.45	5,800	1975	4/24/75	6.06	1,910
1942	9/18/42	6.60	2,530	1976	3/30/76	6.12	1,860
1943	6/02/43	5.10	1,400	1977	9/20/77	3.96	627
1944	5/13/44	4.50	1,050	1978	7/23/78	5.57	1,540
1945	3/18/45	4.70	1,160	1979	6/17/79	7.03	2,420
1946	3/17/46	4.80	1,280	1980	9/21/80	5.66	1,450
1947	4/06/47	4.70	1,220	1981	4/04/81	5.06	1,100
1948	3/27/48	3.30	515	1982	4/17/82	5.53	1,370
1949	7/05/49	3.60	628	1983	3/07/83	5.70	1,470
1950	4/18/50	5.50	1,660	1984	4/30/84	5.00	1,070
1951	4/12/51	5.37	1,590	1985	3/28/85 ¹	4.66	900
1952	4/11/52	4.40	995	1986	4/02/86	6.29	1,850
1953	3/23/53	5.36	1,590	1987	10/12/86	6.21	1,800
1954	6/26/54	4.50	1,050	1988	4/04/88	4.16	690
1955	4/02/55	4.45	1,020				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05395000							
Station name		Wisconsin River at Merrill, Wis.					
Location		Lat 45°10'41", long 89°40'52", on line between secs.12 and 13, T.31 N., R.6 E., Lincoln County, Hydrologic Unit 07070002, on left bank 300 ft downstream from U.S. Highway 51 bridge at east end of Merrill, and 0.5 mi downstream from Prairie River.					
1903	9/16/03	11.70	21,800	1946	6/25/46	11.49	18,100
1904	5/27/04	11.00	19,500	1947	4/06/47	8.20	8,440
1905	6/17/05	12.00	23,000	1948	3/26/48	6.88	5,520
1906	4/11/06	10.10	16,200	1949	7/06/49	7.95	7,950
1907	9/20/07	9.20	13,000	1950	4/19/50	11.52	18,100
1908	4/29/08	9.50	14,000	1951	4/12/51	11.30	17,400
1909	5/07/09	8.80	11,600	1952	7/23/52	10.45	14,600
1910	11/17/09	8.10	9,380	1953	7/02/53	9.55	12,200
1911	5/23/11	7.70	8,140	1954	5/03/54	10.16	13,500
1912	7/24/12	17.50	45,000	1955	6/11/55	9.24	10,600
1913	4/18/13	9.20	12,600	1956	4/10/56	8.47	8,630
1914	4/30/14	8.90	11,000	1957	5/15/57	6.76	5,150
1915	8/07/15	7.87	8,160	1958	7/05/58	7.82	7,270
1916	4/22/16	12.60	23,400	1959	9/27/59	11.94	19,600
1917	4/21/17	8.80	10,700	1960	5/07/60	11.24	17,000
1918	5/28/18	9.73	13,400	1961	3/28/61	9.28	10,700
1919	4/11/19	9.51	12,900	1962	5/13/62	9.85	12,400
1920	3/27/20	11.80	20,500	1963	5/13/63	8.06	7,750
1921	4/29/21	10.28	15,400	1964	5/06/64	7.46	6,550
1922	4/11/22	11.20	18,400	1965	5/18/65	9.79	12,300
1923	4/22/23	11.95	20,700	1966	3/18/66	9.73	12,100
1924	4/17/24	9.65	13,300	1967	4/02/67	13.04	23,800
1925	6/13/25	7.58	7,370	1968	6/28/68	10.84	15,600
1926	8/21/26	10.86	17,400	1969	4/10/69	10.62	15,000
1927	3/18/27	10.90	17,400	1970	5/23/70	6.83	5,290
1928	9/14/28	11.00	17,700	1971	4/12/71	11.65	18,400
1929	4/07/29	12.20	21,900	1972	4/18/72	11.04	16,300
1930	6/15/30	8.84	10,700	1973	5/03/73	12.60	22,000
1931	6/21/31	7.95	8,430	1974	4/13/74	8.60	9,140
1932	4/11/32	8.87	11,000	1975	4/24/75	10.73	15,100
1933	5/02/33	8.89	11,000	1976	3/30/76	11.84	19,000
1934	4/09/34	8.60	10,100	1977	4/20/77	7.30	6,040
1935	3/23/35	10.82	17,000	1978	7/23/78	8.71	9,420
1936	5/06/36	10.05	14,400	1979	6/17/79	12.09	20,000
1937	4/24/37	9.32	11,500	1980	9/21/80	12.39	21,200
1938	5/05/38	10.96	17,400	1981	6/16/81	11.95	19,400
1939	3/27/39	10.81	16,600	1982	4/18/82	11.27	16,700
1940	6/09/40	11.07	16,500	1983	3/08/83	11.40	17,200
1941	8/31/41	18.26	49,400	1984	11/24/83	9.58	11,600

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05395000--Continued							
1942	9/18/42	13.85	27,000	1985	9/09/85	10.38	14,000
1943	6/27/43	10.58	14,900	1986	4/01/86	12.57	21,900
1944	5/13/44	9.49	11,700	1987	10/12/86	10.40	14,100
1945	6/03/45	8.37	8,330	1988	4/05/88	7.92	7,440
Station number 05395020							
Station name		Lloyd Creek near Doering, Wis.					
Location		Lat 45°13'57", long 89°22'04", in SE 1/4 sec.21, T.32 N., R.9 E., Langlade County, at bridge on County Trunk Highway C, 4.5 mi east of Doering.					
1970	4/08/70	12.94	270	1980	9/21/80	13.17	302
1971	4/09/71	14.30	360	1981	4/04/81	13.38	335
1972	8/17/72	13.43	330	1982	4/03/82	12.80	250
1973	3/12/73	12.90	265	1983	5/22/83	13.22	310
1974	8/21/74	11.87	132	1984	4/30/84	13.21	305
1975	4/23/75	12.20	170	1985	9/25/85	12.69	234
1976	3/30/76	13.26	318	1986	9/22/86	15.23	610
1977	4/10/77	11.45	90	1987	10/12/86	14.82	552
1978	7/22/78	13.82	310	1988	3/09/88	12.90	265
1979	6/17/79	15.42	650				
Station number 05395100							
Station name		Trappe River tributary near Merrill, Wis.					
Location		Lat 45°08'07", long 89°30'08", in SW 1/4 sec.28, T.31 N., R.8 E., Lincoln County, at culvert on County Trunk Highway P, 9.5 mi southeast of Merrill.					
1959	9/27/59	17.28	385	1974	4/13/74	11.21	40
1960	8/07/60	15.25	305	1975	4/23/75	11.52	55
1961	3/27/61	12.59	120	1976	5/16/76	12.27	102
1962	5/13/62	13.61	190	1978	7/23/78	12.88	140
1963	5/13/63	11.72	70	1979	3/31/79	12.58	122
1964	9/26/64	11.91	80	1980	6/06/80	13.58	185
1965	8/07/65	17.15	380	1981	4/04/81	13.16	155
1966	11/25/65	12.29	100	1982	4/03/82	12.34	105
1967	4/02/67	13.12	155	1983	3/17/83	12.42	112
1968	6/21/68	17.09	380	1984	7/11/84	12.28	105
1969	6/26/69	13.60	188	1985	9/25/85	12.25	100
1970	5/31/70	15.53	325	1986	7/31/86	16.27	355
1971	4/13/71	12.95	145	1987	10/12/86	15.65	330
1972	9/26/72	12.53	120	1988	3/09/88	11.91	80
1973	3/12/73	12.42	112				

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05396000							
Station name		Rib River at Rib Falls, Wis.					
Location		Lat 44°58'25", long 89°54'15", in NW 1/4 sec.27, T.29 N., R.5 E., Marathon County, near center of span on downstream side of highway bridge in village of Rib Falls, 6 mi downstream from Black Creek.					
1925	6/04/25	5.90	2,500	1942	9/18/42	14.50	19,100
1926	8/21/26	10.80	15,200	1943	6/27/43	11.60	11,700
1927	3/17/27	7.70	5,960	1944	5/12/44	6.73	2,860
1928	3/26/28	9.40	10,400	1945	3/17/45	9.41	6,620
1929	4/07/29	9.40	10,400	1946	6/25/46	9.29	6,420
1930	6/14/30	8.40	7,660	1947	4/06/47	7.94	4,180
1931	6/22/31	4.20	1,130	1948	3/27/48	6.90	3,030
1932	4/07/32	9.40	10,300	1949	3/29/49	7.60	3,820
1933	4/06/33	7.00	4,430	1950	4/17/50	8.10	4,440
1934	9/26/34	10.30	13,300	1951	4/07/51	10.53	9,400
1935	3/23/35	9.70	11,300	1952	4/01/52	8.40	5,430
1936	5/06/36	11.50	18,000	1953	7/28/53	11.34	11,200
1937	4/09/37	7.10	4,510	1954	5/03/54	8.10	4,960
1938	8/31/38	16.20	23,800	1955	10/14/54	7.90	4,750
1939	3/26/39	9.70	7,590	1956	4/05/56 ¹	--	6,500
1940	6/08/40	10.20	8,580	1957	5/15/57 ¹	--	1,560
1941	8/31/41	13.32	16,000				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05396100
Station name Pet Brook near Edgar, Wis.
Location Lat 44°56'40", long 89°57'05", in SE 1/4 sec.31, T.29 N., R.5 E., Marathon County, at culvert on State Highway 29, 1.5 mi northeast of Edgar.

1962	9/13/62	14.07	460	1976	3/30/76	14.55	580
1963	5/13/63	14.05	455	1977	8/31/77	13.18	230
1964	9/02/64	13.24	250	1978	7/15/78	14.41	540
1965	4/11/65	16.67	1,380	1979	3/31/79	15.58	900
1966	7/26/66	14.42	560	1980	6/06/80	20.40	2,280
1967	3/31/67	14.96	730	1981	5/03/81	14.47	550
1968	6/21/68	13.87	420	1982	4/03/82	16.30	1,140
1969	5/27/69	20.20	2,250	1983	3/27/83	15.59	950
1970	4/08/70	13.86	380	1984	7/11/84	15.30	800
1971	4/09/71	15.82	980	1985	9/29/85	15.00	720
1972	9/26/72	19.10	1,960	1986	3/29/86	14.85	670
1973	4/16/73	14.50	580	1987	10/12/86	16.56	1,220
1974	6/10/74	13.64	330	1988	3/09/88	16.41	1,180
1975	4/28/75	13.78	360				

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05396300							
Station name		Wisconsin River tributary at Wausau, Wis.					
Location		Lat 44°57'28", long 89°39'52", in NE 1/4 NW 1/4 sec.34, T.29 N., R.7 E., Marathon County, on road right-of-way of 24th Avenue Opposite The Ace Motel, 300 ft east of U.S. Highway 51, at Wausau.					
1983	7/19/83	5.52	117	1986	9/22/86	7.15	335
1984	9/24/84	8.07	480	1987	7/02/87	5.60	125
1985	8/12/85	9.35	733	1988	7/24/88	5.70	135
Station number 05397110							
Station name		Eau Claire River near Antigo, Wis.					
Location		Lat 45°07'32", long 89°14'01", in NE 1/4 SW 1/4 sec.34, T.30 N., R.10 E., Langlade County, on left bank 50 ft downstream from bridge on County Trunk Highway Y, 1.0 mi south of State Highway 64, 2.4 mi downstream from confluence of East and West Branches of Eau Claire River, and 3.5 mi west of Antigo.					
1979	6/18/79 ¹	11.63	1,600	1981	4/05/81	12.04	1,770
1980	4/09/80	11.20	1,380				
Station number 05397500							
Station name		Eau Claire River at Kelly, Wis.					
Location		Lat 44°55'06", long 89°33'00", on line between secs.9 and 10, T.28 N., R.8 E., Marathon County, Hydrologic Unit 07070002, on right bank 50 ft downstream from County Highway SS bridge, 0.7 mi northeast of Kelly, 1.3 mi upstream from Big Sandy Creek, 4.5 mi upstream from mouth, and 5.0 mi southeast of Wausau.					
1914	6/04/14	--	2,910	1958	4/06/58 ¹	--	2,420
1915	5/22/15	--	1,180	1959	9/27/59	8.76	5,410
1916	4/21/16	--	3,520	1960	5/07/60	7.81	4,950
1917	4/04/17	--	1,460	1961	3/28/61	9.80	6,600
1918	3/27/18	--	2,450	1962	4/12/62	5.61	2,660
1919	6/26/19	--	2,560	1963	3/29/63	5.64	2,690
1920	3/26/20	--	5,080	1964	5/09/64	6.00	3,050
1921	3/20/21	--	6,600	1965	4/12/65	10.04	6,980
1922	7/09/22	--	6,460	1966	11/28/65	6.44	1,500
1923	4/20/23	--	5,620	1967	4/01/67	9.38	6,260
1924	4/17/24	--	4,130	1968	9/10/68	4.70	1,800
1925	6/05/25	--	1,220	1969	6/27/69	7.17	3,610
1926	8/21/26	--	8,300	1970	6/01/70	5.11	2,050
1940	6/08/40	--	5,020	1971	4/12/71	7.92	4,600
1941	9/01/41	--	5,980	1972	4/19/72	9.42	6,360
1942	5/31/42	--	3,090	1973	3/11/73 ¹	8.18	5,000
1943	6/27/43	--	5,740	1974	4/13/74	4.68	1,910
1944	6/16/44	--	1,760	1975	4/18/75	6.04	2,960

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05397500--Continued							
1945	3/18/45	--	3,750	1976	3/25/76	10.72	3,900
1946	3/14/46	--	4,330	1977	4/02/77	3.74	1,260
1947	4/06/47	--	2,020	1978	7/03/78	6.05	2,970
1948	3/22/48	--	3,860	1979	3/24/79	9.45	2,700
1949	4/01/49	--	1,300	1980	4/09/80	5.99	2,720
1950	4/18/50	--	3,200	1981	4/06/81	5.41	2,330
1951	4/07/51	--	4,090	1982	4/16/82	4.80	1,930
1952	4/01/52	--	4,580	1983	3/08/83	6.95	3,600
1953	3/23/53	--	5,280	1984	9/25/84	5.50	2,530
1954	4/27/54	5.33	2,430	1985	3/29/85 ¹	4.76	1,860
1955	4/02/55	6.05	3,230	1986	3/31/86	7.13	3,730
1956	4/07/56 ¹	--	3,650	1987	10/14/86	6.66	3,270
1957	4/22/57 ¹	--	1,450	1988	3/29/88	9.49	1,200

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05397600

Station name Big Sandy Creek near Wausau, Wis.

Location Lat 45°01'55", long 89°27'00", in SE 1/4 sec.31, T.30 N., R.9 E., Marathon County, at bridge on State Highway 52, 10.0 mi northeast of Wausau.

1959	9/27/59	15.18	2,120	1974	4/13/74	11.59	240
1960	5/07/60	12.39	470	1975	4/23/75	11.88	310
1961	3/27/61	12.74	610	1976	3/26/76	12.40	470
1962	9/13/62	12.62	560	1978	7/23/78	12.87	660
1963	5/13/63	11.50	220	1979	3/31/79	11.90	360
1964	5/08/64	12.19	400	1980	9/21/80	12.33	455
1965	4/11/65	13.58	1,040	1981	5/03/81	11.94	330
1966	11/26/65	11.20	160	1982	4/03/82	13.05	740
1967	3/31/67	13.77	1,000	1983	3/17/83	12.35	460
1968	6/21/68	13.47	1,200	1984	4/30/84	12.38	465
1969	6/27/69	12.99	720	1985	9/29/85	12.00	345
1970	5/31/70	12.14	390	1986	3/26/86	11.87	310
1971	4/09/71	13.40	950	1987	10/12/86	12.52	520
1972	9/26/72	13.09	780	1988	3/09/88	12.19	400
1973	5/02/73	11.99	340				

Station number 05398000

Station name Wisconsin River at Rothschild, Wis.

Location Lat 44°53'09", long 89°38'05", in sec.26, T.28 N., R.7 E., Marathon County, Hydrologic Unit 07070002, on left bank at Rothschild, 0.5 mi downstream from Rothschild Dam, 1.7 mi north of bridge on U.S. Highway 51, 2.0 mi downstream from Eau Claire River, and 5.0 mi upstream from Black Creek.

1941	9/01/41	22.30	75,000	1967	3/31/67	18.46	49,200
1945	3/18/45	14.04	28,600	1968	6/27/68	13.23	26,000

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05398000--Continued							
1946	3/18/46	13.98	28,600	1969	6/27/69	14.16	29,600
1947	4/06/47	12.43	23,200	1970	6/01/70	9.79	14,800
1948	3/27/48	10.26	16,400	1971	4/12/71	16.20	38,400
1949	3/30/49	9.16	13,200	1972	4/18/72	16.66	40,500
1950	4/19/50	13.68	27,600	1973	5/03/73	16.98	42,000
1951	4/08/51	15.31	33,200	1974	4/14/74	10.30	15,400
1952	4/02/52	14.80	31,400	1975	4/24/75	13.85	28,200
1953	3/23/53	15.06	32,500	1976	3/31/76	27.37	43,800
1954	5/03/54	13.70	27,600	1977	4/20/77	16.64	7,730
1955	4/03/55	11.20	19,200	1978	7/23/78	22.95	25,000
1956	4/06/56	12.45	23,400	1979	6/17/79	24.75	32,000
1957	4/20/57	7.06	8,500	1980	9/22/80	26.89	41,600
1958	4/07/58	10.74	17,800	1981	4/04/81	22.75	24,300
1959	9/27/59	17.81	47,000	1982	4/18/82	23.94	28,800
1960	5/07/60	17.05	42,900	1983	3/07/83	26.42	39,400
1961	3/28/61	15.36	34,700	1984	5/01/84	22.66	24,000
1962	5/14/62	11.98	21,900	1985	9/30/85	21.70	20,700
1963	5/13/63	9.38	14,100	1986	9/28/86	27.96	46,700
1964	5/09/64	8.71	12,500	1987	10/13/86	25.96	37,300
1965	4/12/65	18.46	49,200	1988	3/26/88	19.63	14,400
1966	3/19/66	12.43	23,200				
Station number 05398500							
Station name		Bull Junior Creek (Bull Creek Jr) nr Rothschild, Wis.					
Location		Lat 44°50'00", long 89°36'25", in sec.12, T.27 N., R.7 E., Marathon County, at downstream edge on left side of bridge on county road X, 4 mi south of Rothschild and 5 mi upstream from mouth.					
1944	6/14/44	3.40	326	1948	3/23/48	3.10	276
1945	3/18/45	4.20	671	1949	3/31/49	2.50	115
1946	3/15/46	3.70	484	1950	4/12/50	2.90	214
1947	4/07/47	3.00	173	1951	4/08/51	3.68	484
Station number 05399000							
Station name		Big Eau Pleine River near Colby, Wis.					
Location		Lat 44°54'10", long 90°12'45", in NW 1/4 sec.24, T.28 N., R.2 E., Marathon County, near center of span on downstream side of bridge at Cherokee, 1.6 mi upstream from Randall Creek and 5 mi east of Colby.					
1942	5/30/42	7.90	3,580	1949	3/27/49	5.48	1,150
1943	6/27/43	11.05	9,370	1950	3/28/50	6.70	1,900
1944	4/07/44	5.00	843	1951	4/08/51	7.60	3,300
1945	3/17/45	8.54	4,660	1952	4/01/52	--	1,500
1946	3/14/46	8.00	3,880	1953	3/22/53	7.60	3,300
1947	4/06/47	6.80	2,310	1954	5/03/54	8.00	3,880
1948	3/21/48	6.00	1,530				

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05399200							
Station name		Marsh Creek tributary near Abbotsford, Wis.					
Location		Lat 44°56'50", long 90°11'45", on south boundary of sec. 36, T.29 N., R.2 E., Marathon County, at concrete culvert on State Highway 29, 5.8 mi east of Abbotsford.					
1959	9/27/59	11.49	80	1970	5/22/70	12.40	165
1960	5/07/60	11.44	75	1971	4/09/71	14.14	140
1961	3/27/61	11.71	100	1972	9/26/72	12.83	215
1962	9/13/62	11.10	70	1973	3/12/73	12.55	185
1963	5/13/63	10.99	45	1974	6/10/74	10.80	40
1964	9/02/64	12.40	165	1975	4/28/75	12.01	125
1965	9/28/65	11.02	45	1976	3/30/76	12.27	155
1966	6/05/66	12.70	200	1977	3/19/77	11.18	55
1967	8/27/67	10.73	30	1978	9/12/78	12.96	230
1968	5/16/68	13.71	315	1979	3/23/79	14.03	290
1969	6/26/69	12.62	190	1980	6/05/80	14.29	385
Station number 05399500							
Station name		Big Eau Pleine River near Stratford, Wis.					
Location		Lat 44°49'19", long 90°04'46", on line between sec.13, T.27 N., R.3 E., and sec.18, T.27 N., R.4 E., Marathon County, Hydrologic Unit 07070002, on left bank 15 ft upstream from bridge on State Highway 97, 1.0 mi north of Stratford, and 1.4 mi downstream from small tributary.					
1914	6/05/14	--	40,000	1957	3/15/57	13.06	4,000
1915	5/21/15	--	3,420	1958	6/05/58	15.52	8,890
1916	4/21/16	--	6,050	1959	9/27/59	12.69	5,610
1917	4/04/17	--	3,770	1960	12/28/59	15.20	8,460
1918	5/26/18	--	6,510	1961	3/26/61	14.05	7,100
1919	8/07/19	--	5,610	1962	9/13/62	13.08	6,040
1920	11/10/19	--	8,810	1963	3/26/63	--	6,730
1921	4/27/21	--	8,150	1964	9/02/64	--	10,700
1922	4/09/22	--	9,900	1965	4/11/65	--	13,700
1923	4/18/23	--	2,510	1966	12/12/65	--	8,350
1924	8/22/24	--	8,810	1967	3/30/67	--	18,100
1925	6/17/25	--	2,710	1968	5/16/68	19.01	14,800
1937	5/01/37	7.60	1,650	1969	6/27/69	15.93	9,340
1938	9/09/38	24.50	41,000	1970	5/22/70	16.45	10,200
1939	3/24/39	14.95	8,200	1971	4/09/71	16.85	8,900
1940	6/24/40	16.35	10,200	1972	9/26/72	18.91	14,600
1941	9/16/41	14.10	7,160	1973	5/02/73 ¹	15.62	8,840
1942	5/30/42	16.08	9,710	1974	4/04/74	13.11	5,520
1943	6/27/43	20.50	18,500	1975	4/28/75	11.71	4,110
1944	6/25/44	10.28	3,370	1976	3/30/76	16.01	9,470
1945	8/31/45	22.20	24,700	1977	4/03/77	--	1,400
1946	3/14/46	14.87	7,840	1978	7/22/78	15.69	9,350

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05399500--Continued							
1947	3/24/47	13.99	7,050	1979	6/17/79 ¹	16.70	10,900
1948	3/21/48	15.16	8,460	1980	6/06/80	23.47	32,900
1949	3/22/49	14.34	7,380	1981	4/04/81	13.01	5,770
1950	3/27/50	16.63	10,500	1982	4/03/82 ¹	16.40	10,400
1951	4/07/51	15.85	9,280	1983	3/06/83	16.36	10,400
1952	4/01/52	17.31	11,500	1984	7/11/84	14.06	7,040
1953	3/22/53	16.71	10,600	1985	9/30/85	12.11	4,780
1954	5/03/54	14.54	7,650	1986	9/27/86	16.34	10,400
1955	10/14/54	13.23	6,200	1987	10/12/86	15.83	9,540
1956	4/05/56	16.60	10,500	1988	3/26/88	--	1,600

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05400000

Station name Wisconsin River at Knowlton, Wis.

Location Lat 44°42'00", long 89°42'00", in N 1/2 sec.29, T.26 N., R.7 E., Marathon County, on combination railroad and highway bridge at Knowlton and 1.5 mi downstream from Big Eau Pleine River.

1921	4/29/21	16.00	37,400	1932	4/08/32	14.00	31,300
1922	4/11/22	18.60	46,800	1933	4/11/33	9.98	19,500
1923	4/22/23	16.55	38,600	1934	4/05/34	13.70	30,400
1924	4/18/24	15.00	33,900	1935	3/22/35	18.90	47,600
1925	6/14/25	8.72	14,100	1936	3/24/36	17.25	41,800
1926	8/22/26	18.60	46,600	1937	4/25/37	10.75	20,800
1927	3/18/27	12.92	28,000	1938	9/11/38	19.91	51,900
1928	9/16/28	17.35	42,500	1939	3/27/39	15.90	37,000
1929	4/08/29	16.80	40,500	1940	6/09/40	16.17	38,100
1930	6/15/30	15.80	37,200	1941	9/02/41	20.50	54,300
1931	6/22/31	6.50	9,590	1942	5/31/42	18.65	46,800

Station number 05400025

Station name Johnson Creek near Knowlton, Wis.

Location Lat 44°44'19", long 89°36'39", in SE 1/4 NE 1/4 sec.13, T.26 N., R.7 E., Marathon County, at bridge on County Trunk Highway X, 2.7 mi east of Knowlton.

1973	5/02/73	18.59	820	1981	6/14/81	19.08	1,080
1974	4/03/74	13.35	375	1982	4/03/82	15.28	1,200
1975	9/11/75	18.92	980	1983	3/04/83	14.86	940
1976	3/25/76	18.92	980	1984	4/30/84	14.89	960
1977	--	--	<550	1985	8/13/85	14.35	700
1978	7/23/78	20.10	1,800	1986	3/26/86	15.19	1,150
1979	3/31/79	20.37	2,000	1987	10/12/86	14.59	820
1980	6/06/80	21.78	3,700	1988	3/09/88	13.65	460

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05400500							
Station name		Plover River near Stevens Point, Wis.					
Location		Lat 44°35'20", long 89°29'15", in SW 1/4 sec.6, T.24 N., R.9 E., Portage County, on left bank at downstream side of town road bridge just east of county road Y, 5 mi northeast of Stevens Point and 9 mi upstream from mouth.					
1914	6/05/14	4.80	1,610	1945	3/18/45	4.00	1,020
1915	4/10/15	2.70	494	1946	3/15/46	3.46	781
1916	4/23/16	3.50	750	1947	4/07/47	2.40	446
1917	5/01/17	2.60	466	1948	3/22/48	3.18	680
1918	5/28/18	3.30	670	1949	3/23/49	2.50	473
1919	6/27/19	4.40	1,300	1950	3/29/50	4.20	1,160
1944	6/13/44	2.90	590	1951	4/09/51	3.46	781
Station number 05400600							
Station name		Little Plover River near Arnott, Wis.					
Location		Lat 44°28'05", long 89°29'20", in NE 1/4 sec.24, T.23 N., R.8 E., Portage County, 150 ft downstream from bridge on town road, 2.2 mi northwest of Arnott, and 3.5 mi upstream from mouth.					
1960	5/06/60	2.89	55	1968	6/27/68	2.15	24
1961	3/25/61	3.06	63	1969	5/27/69	2.85	53
1962	9/13/62	3.43	66	1970	5/28/70	3.28	60
1963	3/26/63	2.66	44	1971	4/08/71	2.04	18
1964	9/02/64	1.97	14	1972	9/26/72	2.60	42
1965	4/07/65	2.81	51	1973	3/07/73	3.25	72
1966	12/12/65	2.30	29	1974	3/03/74	2.15	23
1967	6/16/67	2.97	59	1975	4/28/75	2.29	25
Station number 05400650							
Station name		Little Plover River at Plover, Wis.					
Location		Lat 44°28'26", long 89°31'44", in SW 1/4 sec.14, T.23 N., R.8 E., Portage County, Hydrologic Unit 07070003, on right bank at bridge on town road, 1.0 mi northeast of Plover, and 1.2 mi upstream from mouth.					
1960	5/07/60	2.41	60	1974	4/04/74	1.95	28
1961	3/26/61	2.41	60	1975	4/28/75	2.33	46
1962	9/13/62	2.82	67	1976	3/20/76	--	50
1963	3/26/63	2.70	49	1977	4/02/77 ¹	1.33	16
1964	9/02/64	1.17	17	1978	4/10/78	1.66	22
1965	4/07/65	2.73	59	1979	3/23/79	2.48	52
1966	2/09/66	2.95	79	1980	3/19/80	2.34	45
1967	6/16/67	2.80	70	1981	4/04/81	2.50	54
1968	6/27/68	2.09	32	1982	4/03/82	2.00	32
1969	5/27/69	2.78	63	1983	3/04/83	2.38	48
1970	5/28/70	2.77	64	1984	4/30/84 ¹	2.00	32

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05400650--Continued							
1971	4/09/71	1.90	27	1985	11/1/84	3.19	105
1972	9/26/72	2.70	60	1986	9/22/86	2.59	61
1973	3/07/73	--	99	1987	3/08/87 ¹	1.92	30
¹ Annual peak gage height occurred at a time different than the annual peak discharge.							
Station number 05400760							
Station name		Wisconsin River at Wisconsin Rapids, Wis.					
Location		Lat 44°23'41", long 89°49'31", in SW 1/4 sec.8, T.22 N., R.6 E., Wood County, Hydrologic Unit 07070003, at Consolidated Water Power Company, 0.2 mi upstream from U.S. Highway 13 bridge in Wisconsin Rapids.					
1914	6/08/14	--	54,000	1948	3/28/48	10.56	21,600
1915	5/24/15	--	20,200	1949	3/31/49	8.82	15,200
1916	4/24/16	--	51,200	1958	4/07/58	--	17,400
1917	4/05/17	--	24,700	1959	9/29/59	--	49,100
1918	5/30/18	--	34,000	1960	5/08/60	--	59,400
1919	6/27/19	--	26,900	1961	3/28/61	--	41,000
1920	3/28/20	--	52,900	1962	4/10/62	--	27,200
1921	3/22/21	--	39,400	1963	5/14/63	--	25,000
1922	4/12/22	--	61,000	1964	9/11/64	--	15,500
1923	4/23/23	--	44,800	1965	4/13/65	--	64,000
1924	4/19/24	--	38,200	1966	12/14/65	--	33,200
1925	6/15/25	--	19,400	1967	4/03/67	--	61,000
1926	8/23/26	--	52,700	1968	6/29/68	--	35,000
1927	3/15/27	--	38,800	1969	6/28/69	--	42,400
1928	3/26/28	--	52,100	1970	5/29/70	--	20,100
1929	4/09/29	--	46,600	1971	4/14/71	--	46,700
1930	6/16/30	--	40,600	1972	4/20/72	--	44,100
1931	6/23/31	--	11,700	1973	3/15/73	--	52,600
1932	4/09/32	--	37,000	1974	4/14/74	--	21,100
1933	4/12/33	--	22,100	1975	4/29/75	--	30,000
1934	4/06/34	--	37,000	1976	3/31/76	--	51,300
1935	3/24/35	18.90	68,500	1977	4/21/77	--	10,000
1936	3/26/36	16.50	48,100	1978	7/24/78	--	27,100
1937	4/26/37	11.55	23,700	1979	6/18/79	--	34,900
1938	9/12/38	19.10	70,400	1979	6/18/79	--	34,900
1939	3/28/39	16.61	48,900	1980	6/07/80	--	55,900
1940	6/26/40	17.00	52,100	1981	4/05/81	--	28,200
1941	9/03/41	18.09	59,600	1982	4/04/82	--	40,600
1942	9/20/42	17.83	57,900	1983	3/07/83	--	58,600
1943	6/29/43	18.05	59,600	1984	5/01/84	--	39,500
1944	6/15/44	10.86	21,300	1985	3/29/85	--	25,100
1945	3/19/45	14.21	34,300	1986	9/29/86	--	59,000
1946	3/18/46	13.98	33,400	1987	10/13/86	--	46,600
1947	4/07/47	11.40	22,900	1988	3/26/88	--	18,400

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05401020							
Station name		Tenmile Creek Ditch 5 near Bancroft, Wis.					
Location		Lat 44°18'08", long 89°32'59", in NE 1/4 sec.16, T.21 N., R.8 E., Portage County, at bridge on town road, 1.2 mi west of U.S. Highway 51, and 1.8 mi southwest of Bancroft.					
1968	6/26/68	2.57	31	1971	5/19/71	2.20	37
1969	5/27/69	4.53	202	1972	9/26/72	2.80	42
1970	6/01/70	1.65	20	1973	3/07/73	5.75	332
Station number 05401050							
Station name		Tenmile Creek near Nekoosa, Wis.					
Location		Lat 44°15'44", long 89°48'38", in NE 1/4 sec.32, T.21 N., R.6 E., Wood County, Hydrologic Unit 07070003, on left bank upstream from bridge on State Highway 13, 5.8 mi southeast of Nekoosa.					
1964	5/09/64	4.73	91	1973	3/15/73	6.47	411
1965	4/12/65	5.83	274	1974	4/16/74	5.25	157
1966	3/24/66	5.70	247	1975	4/29/75	5.78	247
1967	3/31/67	5.84	275	1976	3/21/76	5.30	164
1968	6/28/68	5.69	245	1977	4/03/77 ¹	4.68	87
1969	4/04/69	6.07	326	1978	5/15/78	5.46	190
1970	6/02/70	5.17	155	1979	3/31/79	6.62	456
1971	4/02/71	5.50	210	1988	3/10/88	4.75	104
1972	9/30/72	5.70	247				
Station number 05401100							
Station name		Fourteenmile Creek near New Rome, Wis.					
Location		Lat 44°12'15", long 89°48'29", in S 1/2 sec.17, T.20 N., R.6 E., Adams County, 50 ft above twin culverts on State Highway 13, 2.7 mi southeast of New Rome.					
1961	3/28/61	12.36	260	1971	11/12/70	5.50	259
1962	5/03/62	12.30	255	1972	9/30/72	5.68	374
1963	3/27/63	12.05	230	1973	5/09/73	6.05	546
1964	5/08/64	3.47	126	1974	4/04/74	3.75	177
1965	4/12/65	4.33	194	1975	4/30/75	4.46	216
1966	3/24/66	5.56	275	1976	4/25/76	4.03	182
1967	6/17/67	5.49	270	1977	4/21/77	2.58	39
1968	4/25/68	5.15	250	1978	5/15/78	4.36	231
1969	4/06/69	5.34	261	1979	3/31/79	5.94	419
1970	11/14/69	4.05	172				

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05401500							
Station name		Wisconsin River near Necedah, Wis.					
Location		Lat 44°02'00", long 90°01'00", in sec.9, T.18 N., R.4 E., Wood County, at bridge on State Highway 21, 3 mi northeast of Necedah and 5 mi upstream from Big Roche a Cri Creek.					
1903	9/18/03	14.80	60,500	1913	4/06/13	13.90	49,600
1904	5/30/04	12.60	35,900	1914	6/08/14	15.50	69,700
1905	6/10/05	17.20	96,400	1944	6/16/44	13.21	20,100
1906	4/16/06	13.40	44,000	1945	3/20/45	16.00	34,400
1907	3/30/07	13.40	44,000	1946	3/20/46	15.90	34,000
1908	5/01/08	12.20	32,300	1947	4/08/47	14.06	24,600
1909	4/24/09	11.50	26,800	1948	3/29/48	13.70	21,500
1910	11/17/09	10.40	20,100	1949	4/02/49	11.10	11,700
1911	5/26/11	10.90	22,900	1950	4/19/50	15.40	29,700
1912	10/10/11	16.90	91,600				
Station number 05401535							
Station name		Big Roche a Cri Creek near Adams, Wis.					
Location		Lat 44°05'52", long 89°46'30", in SW 1/4 sec.22, T.19 N., R.6 E., Adams County, at culverts on Brown Deer Avenue, 0.5 mi upstream from Dry Creek, and 10 mi north of Adams.					
1964	5/06/64	4.25	78	1972	9/29/72	--	250
1965	4/12/65	3.75	136	1973	3/09/73	6.82	623
1966	3/25/66	4.59	178	1974	4/17/74	4.66	174
1967	3/31/67	3.87	142	1975	4/30/75	5.55	250
1968	6/28/68	4.02	150	1976	4/26/76	4.39	159
1969	4/06/69	4.37	168	1977	4/10/77	3.28	95
1970	6/03/70	3.98	142	1978	5/15/78	4.51	167
1971	5/20/71	4.58	174				
Station number 05401800							
Station name		Yellow River tributary near Pittsville, Wis.					
Location		Lat 44°28'58", long 90°07'05", on common boundary of secs.11 and 14, T.23 N., R.3 E., Wood County, at bridge on County Trunk Highway C, 2.0 mi north of Pittsville.					
1959	9/27/59	12.40	350	1974	4/03/74	12.08	325
1960	5/06/60	11.82	260	1975	4/13/75	12.21	360
1961	3/27/61	12.07	320	1976	3/30/76	13.32	670
1962	3/29/62	11.90	280	1977	6/10/77	12.70	470
1963	5/13/63	11.90	280	1978	8/23/78	12.70	470
1964	5/08/64	12.13	340	1979	5/02/79	12.54	450
1965	9/19/65	13.30	600	1980	9/21/80	13.46	700
1966	2/08/66	11.96	300	1981	4/04/81	12.83	550
1967	3/31/67	12.85	540	1982	4/04/82	12.18	350

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 050401800--Continued

1968	5/16/68	13.05	590	1983	11/12/82	12.83	530
1969	4/04/69	13.00	580	1984	7/11/84	12.82	525
1970	5/28/70	12.70	475	1985	5/15/85	12.09	325
1971	4/08/71	11.84	240	1986	9/23/86	13.34	660
1972	4/10/72	12.66	470	1987	--	--	<100
1973	5/02/73	13.82	810	1988	2/29/88	11.83	265

Station number 05402000

Station name Yellow River at Babcock, Wis.

Location Lat 44°18'05", long 90°07'15", in NW 1/4 sec.14, T.21 N., R.3 E., Wood County, Hydrologic Unit 07070003, on right bank at downstream side of bridge on State Highway 80 at Babcock, 1.9 mi upstream from Hemlock Creek.

1944	6/19/44	13.60	4,880	1967	3/31/67	17.05	10,800
1945	3/18/45	15.78	8,430	1968	5/17/68	15.53	7,890
1946	6/12/46	13.00	4,270	1969	6/28/69	14.57	6,260
1947	4/06/47	11.20	2,700	1970	5/29/70	13.53	4,800
1948	3/21/48	12.88	4,180	1971	4/09/71	13.09	4,350
1949	4/06/49	9.03	1,360	1972	9/29/72	14.17	5,220
1950	3/28/50	13.98	5,400	1973	4/17/73	15.46	7,550
1951	4/08/51	14.81	6,620	1974	4/04/74	12.05	3,220
1952	4/02/52	17.38	11,600	1975	4/29/75	14.57	6,160
1953	3/22/53	15.06	7,130	1976	3/31/76	13.17	4,300
1954	5/03/54	12.24	3,760	1977	6/12/77	6.98	876
1955	10/4/54	12.90	4,180	1978	9/14/78	14.03	5,470
1956	4/05/56	15.85	8,470	1979	3/24/79	15.41	6,000
1957	5/27/57	5.52	462	1980	9/22/80	14.93	6,930
1958	4/07/58	11.68	3,080	1981	4/04/81	12.82	3,940
1959	4/01/59	12.62	3,400	1982	4/04/82	--	3,900
1960	5/07/60	14.14	5,460	1983	3/07/83	15.40	7,740
1961	3/28/61	15.41	7,680	1984	5/01/84	13.10	4,260
1962	3/31/62	11.61	3,030	1985	11/2/84 ¹	10.69	2,360
1963	3/27/63	16.03	8,810	1986	9/22/86	--	8,640
1964	5/09/64	12.15	3,500	1987	10/13/86 ¹	10.59	2,450
1965	4/12/65	14.61	6,320	1988	3/26/88 ¹	11.15	2,680
1966	3/19/66	12.85	4,650				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05402500

Station name Yellow River at Sprague, Wis.

Location Lat 44°08'00", long 90°06'00", in NW 1/4 sec.11, T.19 N., R.3 E., Juneau County, 1 mi southeast of Sprague and 10 mi upstream from Necedah dam.

1927	3/15/27	12.20	3,740	1934	4/06/34	10.40	1,420
1928	9/17/28	14.00	7,060	1935	3/23/35	12.40	4,080

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 05402500--Continued

1929	3/20/29	12.80	4,800	1936	3/25/36	13.00	5,160
1930	6/16/30	12.80	4,800	1937	4/05/37	11.40	2,420
1931	6/24/31	7.40	602	1938	9/11/38	13.38	5,920
1932	4/08/32	13.20	5,540	1939	4/20/39	11.80	3,060
1933	4/03/33	10.40	1,450	1940	6/26/40	11.30	2,260

Station number 05403000

Station name Yellow River at Necedah, Wis.

Location Lat 44°01'30", long 90°04'15", in SW 1/4 sec.18, T.18 N., R.4 E., Wood County, at powerplant of Wisconsin Power and Light Co., at Necedah, and 5 mi downstream from Cranberry Creek.

1941	4/05/41	14.70	6,810	1950	3/30/50	13.70	4,910
1942	6/02/42	15.50	8,400	1951	4/09/51	15.60	8,620
1943	4/01/43	16.00	9,500	1952	4/03/52	17.10	12,800
1944	6/22/44	13.38	4,500	1953	3/24/53	15.24	8,020
1945	3/19/45	15.80	9,060	1954	5/06/54	13.20	4,120
1946	3/17/46	14.52	6,300	1955	10/6/54	13.50	4,600
1947	4/10/47	12.20	2,760	1956	4/07/56	15.60	8,990
1948	3/23/48	14.00	5,040	1957	5/31/57	9.30	854
1949	4/10/49	10.70	1,620				

Station number 05403500

Station name Lemonweir River at New Lisbon, Wis.

Location Lat 43°52'47", long 90°09'40", in SE 1/4 sec.8 T.16 N., R.3 E., Juneau County, Hydrologic Unit 07070003, on right bank 5 ft downstream of bridge on State Highway 80 in New Lisbon, 200 ft downstream from recreation dam, and 1.2 mi upstream from Webster Creek.

1944	6/20/44	8.20	1,610	1966	10/1/65	11.56	3,640
1945	3/17/45	11.28	3,850	1967	6/17/67	10.94	3,140
1946	3/16/46	11.28	3,850	1968	6/30/68	10.67	3,210
1947	6/16/47	9.54	2,140	1969	7/01/69	10.59	2,930
1948	3/21/48	10.58	2,960	1970	6/03/70	9.45	2,160
1949	4/04/49	6.30	920	1971	4/02/71	9.37	2,100
1950	3/28/50	9.80	2,360	1972	9/28/72	12.30	4,460
1951	4/10/51	11.40	3,720	1973	4/18/73	12.48	4,980
1952	4/02/52	12.40	5,300	1974	4/05/74	9.81	2,400
1953	3/24/53	9.80	2,480	1975	5/01/75	10.67	3,070
1954	7/08/54	11.00	3,140	1976	4/26/76	9.72	2,330
1955	10/6/54	9.85	2,320	1977	4/03/77	5.62	686
1956	4/05/56	12.60	5,580	1978	7/04/78	12.59	5,130
1957	5/28/57	6.70	1,110	1979	3/24/79	10.50	2,930
1958	4/10/58	5.25	710	1980	8/12/80	9.82	2,400
1959	4/03/59	10.75	3,300	1981	4/07/81	9.70	2,320

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 05403500--Continued

1960	5/08/60	12.94	6,880	1982	4/05/82	8.97	1,720
1961	3/29/61	12.24	5,480	1983	3/08/83	11.22	3,530
1962	3/31/62	11.20	3,790	1984	5/03/84	9.21	2,000
1963	3/27/63	10.65	3,190	1985	3/14/85	9.61	2,260
1964	5/11/64	5.82	779	1986	9/26/86	11.35	3,710
1965	9/23/65	12.42	4,840	1987	4/25/87	9.13	1,950

Station number 05403520

Station name Webster Creek at New Lisbon, Wis.

Location Lat 43°51'23", long 90°10'25", in NE 1/4 sec.19, T.16 N., R.3 E., Juneau County, at bridge on State Highway 80, 1.2 mi south of New Lisbon.

1961	3/27/61	13.96	335	1975	4/28/75	13.33	210
1962	3/29/62	13.66	275	1976	5/16/76	12.09	65
1963	3/24/63	12.85	145	1977	7/03/77	11.70	45
1964	5/16/64	10.96	20	1978	4/02/78	13.70	260
1965	9/28/65	14.37	425	1979	3/20/79	13.21	195
1966	2/08/66	14.75	520	1980	9/12/80	12.84	150
1967	6/16/67	13.47	175	1981	7/12/81	13.65	255
1968	6/26/68	13.07	120	1982	4/03/82	13.17	190
1969	4/04/69	13.04	175	1983	11/12/82	13.74	265
1970	5/31/70	11.28	30	1984	6/17/84	14.31	345
1971	5/19/71	12.76	135	1985	10/8/84	13.24	200
1972	9/26/72	13.68	260	1986	9/23/86	13.85	285
1973	5/07/73	13.74	270	1987	4/22/87	13.46	225
1974	4/04/74	12.86	150	1988	3/08/88	11.92	55

Station number 05403550

Station name Onemile Creek near Mauston, Wis.

Location Lat 43°45'50", long 90°04'45", in SE 1/4 sec.24, T.15 N., R.3 E., Juneau County, at bridge on State Highway 58, 2.4 mi south of Mauston.

1958	4/06/58	12.35	175	1974	4/04/74	14.46	510
1959	4/01/59	13.34	280	1975	4/28/75	14.15	430
1960	5/07/60	15.58	940	1976	3/12/76	12.68	205
1961	3/26/61	16.16	1,300	1977	9/24/77	11.67	120
1962	3/28/62	16.36	1,550	1978	4/02/78	15.44	890
1963	3/24/63	15.08	695	1979	8/10/79	15.55	960
1964	5/08/64	11.51	115	1980	9/12/80	16.32	1,600
1965	9/28/65	14.92	650	1981	4/04/81	16.10	1,260
1966	2/08/66	16.37	1,560	1982	4/03/82	14.01	400
1967	3/24/67	14.64	560	1983	3/02/83	13.39	290
1968	6/26/68	13.48	300	1984	6/17/84	17.18	2,800
1969	4/04/69	13.59	320	1985	11/1/84	15.07	740
1970	5/31/70	12.37	180	1986	3/19/86	15.41	900

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05403550--Continued							
1971	3/14/71	13.80	360	1987	4/22/87	14.05	420
1972	9/26/72	14.92	650	1988	3/08/88	11.39	105
1973	3/07/73	15.22	770				
Station number 05403610							
Station name		Wisconsin River tributary at Wisconsin Dells, Wis.					
Location		Lat 43°38'22", long 89°45'45", in NE 1/4 sec.3, T.13 N., R.6 E., Columbia County, at culvert on State Highway 13, 0.8 mi north of Wisconsin Dells.					
1962	7/02/62	10.25	12	1973	3/07/73	10.84	27
1965	3/01/65	10.56	20	1974	5/14/74	11.20	38
1966	2/08/66	10.93	30	1975	3/21/75	10.09	10
1967	6/11/67	10.21	11	1978	4/02/78	10.57	20
1968	8/19/68	10.14	10	1979	8/09/79	10.40	14
1971	5/19/71	10.28	13	1980	9/22/80	10.45	17
Station number 05403630							
Station name		Hulbert Creek near Wisconsin Dells, Wis.					
Location		Lat 43°37'37", long 89°48'36", in SE 1/4 SW 1/4 sec.5, T.13 N., R.6 E., Sauk County, 1.6 mi upstream from mouth, and 2.0 mi west of Wisconsin Dells.					
1972	8/26/72	4.76	93	1981	8/31/81	3.72	100
1973	3/07/73	4.37	93	1982	4/03/82	3.48	80
1974	5/14/74	3.62	90	1983	11/11/82	3.36	72
1975	3/22/75	3.85	112	1984	6/22/84	3.98	125
1976	3/19/76	4.10	81	1985	7/25/85	4.61	200
1977	2/24/77 ¹	2.73	33	1986	3/19/86	3.84	110
1978	7/01/78	3.90	117	1987	8/08/87	3.00	52
1979	3/31/79	3.18	62	1988	9/21/88	3.37	52
1980	8/08/80	6.41	470				
Station number 05403700							
Station name		Dell Creek near Lake Delton, Wis.					
Location		Lat 43°33'05", long 89°51'55", in NW 1/4 sec.2, T.12 N., R.5 E., Sauk County, on right bank 50 ft upstream from highway bridge, 6.0 mi southwest of Lake Delton, and 7.0 mi upstream from mouth.					
1958	4/06/58	4.28	98	1973	3/07/73	7.54	586
1959	5/11/59	8.04	753	1974	3/03/74	6.97	357
1960	3/28/60	6.86	485	1975	3/22/75	7.86	662
1961	2/24/61	5.71	236	1976	3/20/76	7.97	562
1962	3/29/62	5.91	307	1977	2/24/77	5.76	173
1963	3/23/63	6.63	411	1978	7/01/78	7.54	457
1964	7/29/64	5.01	142	1979	3/30/79	5.71	168
1965	3/02/65	8.38	992	1980	8/08/80	9.53	1,110
1966	3/23/66	5.60	200	1983	6/27/83	6.47	360

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05403700--Continued							
1967	3/24/67	6.29	317	1984	6/23/84	6.34	330
1968	1/29/68	8.76	1,130	1985	7/25/85	6.71	420
1969	6/27/69	5.95	252	1986	5/15/86	5.62	200
1970	5/31/70	5.61	225	1987	4/22/87	5.35	166
1971	5/19/71	5.78	250	1988	9/21/88	4.96	131
1972	3/17/72	6.30	276				
Station number 05404000							
Station name		Wisconsin River near Wisconsin Dells, Wis.					
Location		Lat 43°36'22", long 89°45'25", in NW 1/4 sec.14, T.13 N., R.6 E., Sauk County, Hydrologic Unit 07070003, on right bank 0.5 mi downstream from Dell Creek and 1.8 mi southeast of Wisconsin Dells.					
1935	3/27/35	17.80	64,600	1962	5/16/62	10.38	30,500
1936	3/29/36	14.75	46,300	1963	5/15/63	8.34	22,500
1937	4/28/37	9.90	25,000	1964	9/11/64	11.19	16,500
1938	9/14/38	18.83	72,200	1965	4/15/65	18.95	50,200
1939	3/30/39	15.05	48,500	1966	3/24/66	15.87	33,800
1940	6/28/40	14.90	50,700	1967	4/05/67	19.22	51,800
1941	9/05/41	13.53	43,600	1968	6/28/68	17.30	42,100
1942	6/04/42	15.13	52,800	1969	6/30/69	17.91	46,300
1943	6/04/43	15.63	57,500	1970	6/02/70	13.17	24,800
1944	6/17/44	8.31	20,700	1971	4/13/71	15.95	36,000
1945	3/22/45	13.08	43,000	1972	9/29/72	17.77	45,500
1946	3/19/46	13.63	45,600	1973	3/16/73	20.70	62,600
1947	4/09/47	8.93	24,800	1974	4/15/74	13.39	27,300
1948	3/27/48	8.82	24,400	1975	4/30/75	15.88	37,400
1949	4/04/49	5.43	12,400	1976	3/31/76	16.68	41,000
1950	4/21/50	10.13	29,900	1977	4/23/77	7.16	8,460
1951	4/11/51	15.58	61,700	1978	7/07/78	13.81	28,900
1952	4/14/52	9.76	28,600	1979	3/25/79	15.31	36,900
1953	4/13/53	8.74	24,000	1980	9/25/80	16.82	45,100
1954	5/05/54	10.47	31,600	1981	4/09/81	13.06	28,700
1955	6/13/55	10.06	29,700	1982	4/06/82	15.82	40,500
1956	4/11/56	10.00	29,500	1983	3/10/83	17.74	49,400
1957	3/18/57	3.01	7,130	1984	5/02/84	15.03	38,600
1958	7/09/58	3.53	8,240	1985	4/01/85	12.99	29,600
1959	9/30/59	12.97	43,800	1986	9/30/86	17.89	53,400
1960	5/10/60	16.02	63,300	1987	10/15/86	15.47	40,600
1961	3/31/61	10.27	30,100	1988	4/10/88	8.39	13,800

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05404200							
Station name	Narrows Creek at Loganville, Wis.						
Location	Lat 43°26'32", long 90°02'06", in SE 1/4 sec.8, T.11 N., R.4 E., Sauk County, at bridge on State Highways 23 and 154, 0.2 mi north of Loganville.						
1958	4/05/58	10.10	250	1974	2/20/74	14.34	1,700
1959	4/01/59	14.22	1,580	1975	4/28/75	13.88	1,250
1960	5/07/60	15.90	4,600	1976	3/19/76	15.00	2,650
1961	9/30/61	14.97	2,550	1977	2/25/77	14.36	1,700
1962	3/28/62	14.88	2,400	1978	7/01/78	14.40	1,750
1963	3/23/63	14.55	1,950	1979	3/21/79	13.61	1,050
1964	6/21/64	11.30	400	1980	3/16/80	14.65	2,100
1965	9/17/65	15.66	3,950	1981	2/22/81	14.48	1,850
1966	3/23/66	13.98	1,370	1982	3/16/82	14.15	1,500
1967	1/25/67	14.89	2,450	1983	11/12/82	13.36	925
1968	1/29/68	14.35	1,700	1984	6/23/84	14.80	2,300
1969	6/27/69	15.24	3,050	1985	10/19/84	15.22	3,000
1970	5/30/70	12.50	625	1986	3/05/86	14.76	2,200
1971	3/15/71	13.45	970	1987	8/08/87	11.54	425
1972	8/20/72	14.93	2,500	1988	1/31/88	10.67	310
1973	4/16/73	14.47	1,850				

Station number 05405000

Station name Baraboo River near Baraboo, Wis.
Location Lat 43°28'51", long 89°38'09", in NW 1/4 sec.35, T.12 N., R.7 E., Sauk County, Hydrologic Unit 07070004, on left bank 50 ft downstream from highway bridge, 0.3 mi downstream from Rowley Creek, and 5.3 mi east of Baraboo.

1914	6/25/14	--	1,030	1962	4/01/62	18.94	4,150
1915	9/17/15	--	1,700	1963	3/28/63	18.45	3,870
1916	3/27/16	--	2,500	1964	6/23/64	9.02	710
1917	3/26/17	--	7,900	1965	3/06/65	19.80	4,500
1918	3/20/18	--	4,170	1966	2/13/66	22.68	5,900
1919	3/20/19	--	4,550	1967	3/29/67	16.43	3,220
1920	6/22/20	--	7,360	1968	6/29/68	14.09	2,180
1921	5/28/21	--	2,110	1969	3/27/69	13.50	1,890
1935	8/06/35	15.80	5,100	1970	6/04/70	12.70	1,650
1943	3/29/43	16.40	3,000	1971	3/16/71	13.84	2,040
1944	2/28/44	14.24	2,210	1972	3/22/72	17.65	3,350
1945	6/05/45	16.66	3,110	1973	4/19/73	20.06	4,310
1946	3/17/46	18.78	3,880	1974	3/07/74	15.91	2,720
1947	6/14/47	18.02	3,400	1975	3/22/75	16.98	3,090
1948	3/21/48	20.63	5,340	1976	3/21/76	17.88	3,270
1949	6/29/49	13.40	1,950	1977	2/25/77	11.36	1,300
1950	3/29/50	21.16	5,760	1978	7/06/78	20.96	4,600
1951	3/31/51	17.93	3,550	1979	3/24/79	18.06	3,350

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 05405000--Continued

1952	4/04/52	18.63	3,800	1980	8/13/80	18.10	3,360
1953	3/23/53	13.31	2,020	1981	2/22/81	15.72	2,580
1954	7/08/54	14.00	2,150	1982	3/18/82	14.12	2,120
1955	4/25/55	12.95	1,800	1983	3/07/83	13.34	1,860
1956	4/06/56	20.60	5,340	1984	6/24/84	14.86	2,230
1957	6/13/57	9.45	808	1985	2/27/85	17.62	3,090
1958	4/07/58	10.05	940	1986	3/23/86	17.65	3,110
1959	4/05/59	21.35	5,910	1987	4/23/87	12.30	1,480
1960	5/10/60	18.50	4,220	1988	3/09/88	11.20	1,220
1961	3/30/61	21.10	5,640				

Station number 05405600

Station name Rowan Creek at Poynette, Wis.

Location Lat 43°23'13", long 89°23'25", in S 1/2 sec.35, T.11 N., R.9 E., Columbia County, at bridge on U.S. Highway 51, at Poynette.

1961	3/06/61	11.63	150	1976	3/19/76	15.16	820
1962	3/28/62	12.45	250	1977	3/27/77	11.65	150
1963	3/24/63	13.13	350	1978	7/01/78	10.95	80
1964	3/05/64	10.92	80	1979	--	--	<30
1965	9/09/65	17.90	2,260	1980	9/22/80	13.23	370
1966	2/08/66	13.11	350	1981	2/22/81	13.77	470
1967	1/25/67	13.65	450	1982	4/03/82	12.64	280
1968	10/24/67	10.54	50	1983	12/2/82	10.83	75
1969	6/25/69	12.92	315	1984	6/09/84	12.87	305
1971	3/31/71	11.67	150	1985	9/08/85	14.64	680
1972	3/17/72	11.70	160	1986	9/11/86	13.58	430
1973	5/02/73	16.50	1,330	1987	7/06/87	12.24	220
1974	3/04/74	13.66	450	1988	--	--	<30
1975	3/22/75	12.99	330				

Station number 05406000

Station name Wisconsin River at Prairie du Sac, Wis.

Location Lat 43°17'25", long 89°42'55", in sec.1, T.9 N., R.6 E., Sauk County, on downstream end of seventh pier from right bank of bridge on State Highway 60 in Prairie du Sac, 1.6 mi downstream from Prairie du Sac powerplant, and 6.5 mi upstream from Honey Creek.

1944	6/18/44	10.80	25,000	1949	4/04/49	7.70	13,400
1945	3/23/45	15.80	52,300	1950	4/24/50	12.66	34,900
1946	3/19/46	15.79	52,300	1951	4/13/51	17.10	67,700
1947	4/10/47	12.23	32,700	1952	4/11/52	12.00	32,300
1948	3/30/48	11.20	28,100	1953	4/14/53	11.10	27,300

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05406500							
Station name	Black Earth Creek at Black Earth, Wis.						
Location	Lat 43°08'03", long 89°43'56", in SW 1/4 sec.25, T.8 N., R.6 E., Dane County, Hydrologic Unit 07070005, on right bank, 0.8 mi east of Black Earth and 2.1 mi upstream from Vermont Creek.						
1954	7/03/54	6.58	1,750	1972	3/17/72	4.39	451
1955	2/20/55	5.28	654	1973	3/07/73	4.87	577
1956	5/13/56	4.33	408	1974	1/27/74	5.08	585
1957	6/11/57	5.96	1,030	1975	3/21/75	4.64	514
1958	2/24/58	3.60	266	1976	3/12/76	5.47	834
1959	4/01/59	5.83	1,120	1977	2/24/77	4.03	367
1960	7/03/60	5.80	1,020	1978	7/01/78	5.13	681
1961	3/25/61	5.22	693	1979	3/19/79	3.49	260
1962	3/25/62	3.32	216	1980	9/22/80	4.35	441
1963	3/17/63	4.50	454	1981	2/22/81	4.12	396
1964	6/22/64	--	64	1982	3/16/82	4.05	380
1965	3/02/65	5.05	623	1983	12/2/82	3.15	194
1966	2/09/66	5.04	619	1984	6/10/84	4.98	342
1967	1/25/67	5.07	631	1985	7/25/85	5.65	710
1968	9/18/68	3.16	148	1986	3/19/86	3.50	236
1969	6/27/69	4.61	457	1987	10/4/86	2.86	123
1970	9/24/70	2.97	141	1988	1/31/88 ¹	2.63	140
1971	3/15/71	3.24	196				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05406800

Station name Rocky Branch near Richland Center, Wis.
 Location Lat 43°18'52", long 90°23'22", in E 1/2 sec.29, T.10 N., R.1 E., Richland County, at culvert on State Highway 80, 1.5 mi south of Richland Center.

1960	7/03/60	12.65	150	1975	4/28/75	13.72	255
1961	3/---/61	12.75	160	1976	3/12/76	11.26	55
1962	11/2/61	12.82	170	1977	3/29/77	11.60	85
1963	3/23/63	10.20	30	1978	7/01/78	14.79	380
1964	6/22/64	10.50	40	1979	8/05/79	13.60	240
1965	6/20/65	15.12	407	1980	4/09/80	11.47	80
1966	2/08/66	13.40	220	1981	7/12/81	14.13	300
1967	6/28/67	17.20	1,020	1982	8/04/82	12.23	125
1968	6/26/68	11.32	70	1983	11/12/82	13.65	245
1969	7/17/69	13.45	227	1984	4/30/84	11.50	<40
1970	5/22/70	10.86	50	1985	5/16/85	11.80	70
1971	3/14/71	11.04	60	1986	3/05/86	11.00	<40
1972	8/26/72	17.40	1,100	1987	7/30/87	11.40	50
1973	5/07/73	11.35	70	1988	--	--	<40
1974	8/22/74	11.89	105				

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05407000							
Station name		Wisconsin River at Muscoda, Wis.					
Location		Lat 43°11'54", long 90°26'26", in NW 1/4 sec.1, T.8 N., R.1 W., Grant County, Hydrologic Unit 07070005, on left bank at bridge on State Highway 80, 0.5 mi upstream from Eagle Mill Creek and 1.0 mi north of Muscoda.					
1881	6/11/81	11.10	--	1951	4/14/51	9.95	64,800
1914	6/13/14	8.60	45,700	1952	4/16/52	6.80	31,500
1915	4/17/15	6.10	24,200	1953	4/15/53	5.82	24,600
1916	4/29/16	9.20	54,300	1954	5/09/54	6.85	31,900
1917	4/11/17	7.00	33,200	1955	6/16/55	6.07	25,600
1918	6/05/18	8.10	40,800	1956	4/15/56	6.81	31,600
1919	4/16/19	7.98	42,500	1957	6/12/57	3.35	12,000
1920	4/02/20	10.10	63,300	1958	7/11/58 ¹	3.16	10,700
1921	5/06/21	7.80	39,500	1959	4/03/59	5.91	25,300
1922	4/16/22	10.60	72,100	1960	5/12/60	10.17	67,200
1923	4/27/23	8.70	52,500	1961	4/03/61	7.34	35,800
1924	4/24/24	8.00	42,500	1962	4/14/62	7.21	34,800
1925	6/22/25	6.00	25,100	1963	5/18/63	5.38	22,800
1926	8/29/26	8.28	43,800	1964	5/13/64	4.54	18,100
1927	3/20/27	8.20	43,000	1965	4/18/65	8.95	48,500
1928	9/22/28	9.50	52,600	1966	3/27/66	7.41	34,100
1929	4/14/29	9.30	51,800	1967	4/07/67	9.47	54,200
1930	6/22/30	7.60	38,400	1968	7/02/68	8.46	43,600
1931	6/29/31	3.28	11,300	1969	7/03/69	8.67	45,700
1932	4/14/32	8.00	40,800	1970	6/05/70	6.00	25,000
1933	4/07/33	6.54	30,000	1971	4/16/71	8.00	39,100
1934	4/12/34	7.50	36,800	1972	4/24/72	8.63	48,200
1935	3/29/35	9.90	62,200	1973	3/20/73	10.36	65,000
1936	3/31/36	8.70	48,100	1974	4/18/74	6.40	30,100
1937	5/02/37 ¹	6.30	27,900	1975	5/03/75	8.03	42,800
1938	9/16/38	11.48	80,800	1976	4/04/76	8.47	46,700
1939	4/02/39	8.87	50,700	1977	4/25/77	2.92	11,400
1940	7/01/40	9.15	50,700	1978	7/10/78	6.88	31,800
1941	9/08/41	8.28	44,300	1979	3/28/79	8.20	44,300
1942	6/07/42	9.30	54,600	1980	9/27/80	8.58	47,200
1943	6/06/43	9.64	57,900	1981	4/11/81	6.45	28,800
1944	6/19/44	6.15	27,200	1982	4/08/82	8.22	43,600
1945	3/25/45	8.48	46,300	1983	3/13/83	9.28	51,100
1946	3/21/46 ¹	9.00	51,300	1984	5/05/84	7.91	39,300
1947	4/12/47	6.70	30,700	1985	4/03/85 ¹	6.87	31,500
1948	3/28/48 ¹	--	27,900	1986	4/06/86	8.89	47,600
1949	4/07/49 ¹	--	13,200	1987	10/3/86	9.77	55,500
1950	4/24/50 ¹	--	30,700	1988	3/14/88 ¹	3.51	13,200

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 05407100

Station name Richland Creek near Plugtown, Wis.

Location Lat 43°11'12", long 90°44'23", in NW 1/4 sec.9, T.8 N., R.3 W., Crawford County, at bridge on U.S. Highway 61, 2.0 mi south of Plugtown.

1958	8/20/58	14.32	460	1974	4/14/74	14.11	430
1959	6/26/59	17.02	1,800	1975	4/28/75	15.87	800
1960	8/09/60	16.51	1,230	1976	3/12/76	12.26	240
1961	3/26/61	16.86	1,600	1977	7/18/77	12.42	255
1962	7/02/62	16.22	1,000	1978	6/17/78	17.41	2,380
1963	3/17/63	15.19	580	1979	8/05/79	17.75	2,900
1964	6/22/64	14.94	540	1980	9/22/80	16.35	1,090
1965	9/09/65	16.25	1,010	1981	2/22/81	14.97	550
1966	2/08/66	16.44	1,150	1982	8/04/82	18.87	4,400
1967	1/25/67	16.22	1,000	1983	8/25/83	17.86	3,100
1968	6/26/68	12.40	250	1984	4/30/84	16.69	1,400
1969	6/26/69	13.13	325	1985	9/05/85	16.88	1,620
1971	7/27/71	11.16	150	1986	3/05/86	14.72	510
1972	4/21/72	14.29	450	1987	9/17/87	12.14	230
1973	2/01/73	14.58	490	1988	--	--	<75

Station number 05407200

Station name Crooked Creek near Boscobel, Wis.

Location Lat 43°06'27", long 90°42'18", in SE 1/4 sec.2, T.7 N., R.3 W., Grant County, at bridge on U.S. Highway 61, 1.6 mi south of Boscobel.

1959	6/26/59	13.29	700	1975	4/28/75	12.12	490
1960	5/07/60	17.55	2,130	1976	3/12/76	12.30	520
1961	4/23/61	13.35	720	1977	7/18/77	11.40	340
1962	11/2/61	11.09	220	1978	7/01/78	16.50	1,700
1963	3/17/63	12.33	460	1979	8/05/79	9.90	100
1964	7/27/64	18.21	2,460	1980	9/22/80	13.45	790
1965	9/09/65	14.34	1,000	1981	9/01/81	12.14	500
1966	2/08/66	12.70	550	1982	3/13/82	12.33	530
1967	1/25/67	12.82	580	1983	8/25/83	11.38	340
1968	1/29/68	12.90	600	1984	7/06/84	9.24	130
1969	6/26/69	10.30	100	1985	2/21/85	10.60	205
1971	5/19/71	10.70	160	1986	--	--	<100
1972	8/25/72	12.60	470	1987	11/20/86	10.30	100
1973	3/07/73	11.70	330	1988	--	--	<75
1974	9/29/74	11.50	360				

Station number 05407400

Station name Morris Creek tributary near Norwalk, Wis.

Location Lat 43°51'10", long 90°37'32", in NW 1/4 sec.21, T.16 N., R.2 W., Monroe County, at bridge on County Trunk Highway T, 2.0 mi north of Norwalk.

1960	10/24/59	13.10	950	1969	6/26/69	11.68	450
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Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 05407400--Continued

1961	3/27/61	12.44	700	1971	9/09/71	11.43	375
1962	3/28/62	11.71	460	1972	9/26/72	12.49	710
1963	3/25/63	11.02	260	1973	4/16/73	11.84	500
1964	4/02/64	10.23	85	1974	3/09/74	10.79	200
1965	9/09/65	11.98	540	1975	4/28/75	11.40	370
1966	2/08/66	11.71	460	1978	7/01/78	11.41	370
1967	6/16/67	13.38	1,060	1979	3/30/79	10.38	110
1968	6/23/68	13.00	910	1980	8/08/80	10.65	170

Station number 05407500

Station name Kickapoo River at Ontario, Wis.

Location Lat 43°42'52", long 90°35'13", in SE 1/4 SW 1/4 sec.2, T.14 N., R.2 W., Vernon County, 0.7 mi south of Ontario, on right bank 250 ft upstream of town-road bridge, 0.5 mi below Brush Creek.

1973	8/23/73	7.80	1,280	1976	3/12/76	9.35	1,740
1974	3/03/74	10.41	2,320	1977	6/05/77	8.56	1,530
1975	4/28/75	10.25	2,060				

Station number 05408000

Station name Kickapoo River at La Farge, Wis.

Location Lat 43°34'27", long 90°38'35", on east-west quarter section line in W 1/2 sec.29, T.13 N., R.2 W., Vernon County, Hydrologic Unit 07070006, on left bank 10 ft upstream from bridge on State Highway 82 in La Farge, 0.3 mi upstream from Otter Creek, and 1.3 mi downstream from powerplant.

1939	9/04/39	7.44	1,610	1964	4/03/64	7.10	1,290
1940	6/23/40	10.26	2,860	1965	9/20/65	11.46	3,990
1941	4/18/41	8.44	1,810	1966	2/09/66	13.67	9,910
1942	9/18/42	7.89	1,630	1967	6/16/67	12.34	6,010
1943	3/26/43	9.52	2,210	1968	6/22/68	10.95	3,140
1944	3/12/44	10.58	3,180	1969	4/05/69	8.86	1,760
1945	5/22/45	10.72	3,290	1970	3/04/70	7.76	1,100
1946	1/06/46	12.03	5,730	1971	4/01/71	7.61	1,340
1947	6/14/47	9.95	2,470	1972	9/27/72	10.33	2,420
1948	3/19/48	11.75	5,200	1973	4/16/73	11.92	4,670
1949	3/22/49	7.29	1,370	1974	3/04/74	10.90	2,800
1950	3/27/50 ¹	11.90	5,460	1975	4/29/75	9.25	1,950
1951	7/21/51	12.32	6,600	1976	3/13/76	9.14	1,910
1952	4/01/52	10.95	3,480	1977	6/05/77	7.20	1,220
1953	8/02/53	7.77	1,560	1978	7/01/78	14.92	14,300
1954	7/03/54	11.44	4,370	1979	3/20/79	9.90	2,250
1955	6/03/55	9.82	2,510	1980	8/09/80	11.55	3,200
1956	4/04/56	12.35	6,750	1981	4/04/81	11.87	4,010
1957	7/21/57	7.86	1,570	1982	4/03/82	8.55	1,600

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05408000--Continued							
1958	4/06/58 ¹	5.66	902	1983	11/12/82 ¹	11.33	2,900
1959	5/21/59	11.76	5,100	1984	6/17/84	12.69	3,710
1960	3/28/60	11.42	4,330	1985	12/29/84 ¹	10.57	2,250
1961	3/26/61	12.70	7,040	1986	3/19/86	10.51	2,220
1962	3/29/62	11.72	4,530	1987	4/22/87	8.13	1,450
1963	3/25/63	10.52	2,740	1988	3/08/88	7.26	940

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05408500

Station name Knapp Creek near Bloomingdale, Wis.

Location Lat 43°40'05", long 90°46'53", in NW 1/4 sec.30, T.14 N., R.3 W., Vernon County, on right bank, 0.4 mi upstream from confluence with West Fork Kickapoo River, 1.7 mi north of Bloomingdale, and 4.1 mi east of Westby.

1955	6/02/55	4.56	1,030	1963	3/23/63	2.88	347
1956	4/02/56	3.36	401	1964	5/15/64	2.08	136
1957	6/17/57	3.65	402	1965	4/10/65	3.62	614
1958	2/24/58	2.95	140	1966	2/09/66	4.32	749
1959	8/26/59	8.76	3,710	1967	6/16/67	4.87	898
1960	4/16/60	3.82	734	1968	6/21/68	5.18	790
1961	3/27/61	4.08	825	1969	4/03/69	2.67	160
1962	3/28/62	3.43	533				

Station number 05408800

Station name Bishops Branch near Viroqua, Wis.

Location Lat 43°32'54", long 90°49'15", in N 1/2 sec.2, T.12 N., R.4 W., Vernon County, at bridge on State Highways 56 and 82, 3 mi east of Viroqua.

1959	8/27/59	13.64	5,800	1965	9/09/65	12.32	1,380
1960	7/02/60	12.84	2,600	1966	2/09/66	12.23	1,250
1961	3/27/61	11.57	620	1967	6/09/67	12.75	2,300
1962	3/29/62	11.44	530	1968	6/21/68	12.92	2,800
1963	3/17/63	11.19	390	1969	4/04/69	11.12	350
1964	9/10/64	10.55	120				

Station number 05409830

Station name North Fork Nederlo Creek near Gays Mills, Wis.

Location Lat 43°21'47", long 90°54'34", in NE 1/4 sec.12, T.10 N., R.5 W., Crawford County, on right bank 160 ft upstream from town-road bridge, 0.3 mi upstream from South Fork Nederlo Creek, and 4.5 mi northwest of Gays Mills.

1968	6/23/68	14.60	541	1974	7/17/74	13.12	110
1969	6/26/69	13.10	78	1975	5/29/75	12.36	35
1970	6/13/70	12.75	48	1976	3/12/76	12.42	38
1971	6/20/71	11.37	4	1977	2/23/77	12.34	33
1972	3/15/72	12.92	84	1978	1/01/78	13.28	136
1973	2/01/73	--	35	1979	7/11/79	12.31	32

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 05409890

Station name Nederlo Creek near Gays Mills, Wis.

Location Lat 43°21'43", long 90°52'44", in NW 1/4 sec.8, T.10 N., R.4 W., Crawford County, on right bank just upstream from bridge on private road, 1.2 mi upstream from Tainter Creek and 3.4 mi north of Gays Mills.

1968	6/23/68	17.06	2,600	1975	6/27/75	15.05	550
1969	6/26/69	13.36	239	1976	3/12/76	14.47	434
1970	7/29/70	13.00	175	1977	2/23/77	13.47	244
1971	6/20/71	11.53	34	1978	6/30/78	18.65	8,000
1972	3/17/72	13.40	233	1979	8/02/79	12.31	99
1973	9/21/73	12.71	140	1980	9/22/80	14.57	458
1974	3/03/74	13.48	244				

Station number 05410000

Station name Kickapoo River at Gays Mills, Wis.

Location Lat 43°19'10", long 90°51'08", in NE 1/4 sec.28, T.10 N., R.4 W., Crawford County, on upstream side of bridge on State Highway 171, 300 ft downstream from dam in Gays Mills and 3.3 mi downstream from Tainter Creek.

1914	6/23/14	5.60	1,370	1932	7/12/32	11.50	4,350
1915	7/30/15	6.90	1,910	1933	3/31/33	14.10	7,470
1916	6/04/16	10.10	3,510	1934	4/05/34	12.95	5,790
1917	3/24/17	15.05	9,800	1964	4/07/64	8.30	1,220
1918	3/18/18	10.35	3,000	1965	3/03/65	15.05	6,920
1919	3/17/19	12.00	4,710	1966	2/10/66	16.00	10,600
1920	6/17/20	10.65	3,460	1967	6/18/67	13.18	3,540
1921	9/06/21	9.50	2,520	1968	6/29/68	12.05	2,420
1922	3/06/22	9.20	2,650	1969	4/07/69	11.10	1,650
1923	4/03/23	12.60	5,510	1970	3/04/70	9.00	1,130
1924	8/04/24	11.00	3,800	1971	3/17/71	9.73	1,400
1925	6/15/25	9.25	2,620	1972	3/21/72	12.55	2,540
1926	8/24/26	9.00	2,140	1973	4/17/73	14.45	5,090
1927	9/11/27	11.80	3,220	1974	3/06/74	12.35	2,420
1928	3/13/28	12.80	5,840	1975	4/30/75	12.34	2,260
1929	3/15/29	12.90	6,020	1976	3/14/76	12.37	2,370
1930	2/23/30	9.80	2,800	1977	7/19/77	8.52	1,020
1931	6/22/31	4.00	874				

Station number 05410490

Station name Kickapoo River at Steuben, Wis.

Location Lat 43°10'58", long 90°51'30", in NE 1/4 SW 1/4 sec.9, T.8 N., R.4 W., Crawford County, Hydrologic Unit 07070006, on right bank at upstream corner of town road bridge at Steuben and 18.6 mi upstream from mouth.

1934	4/05/34		5,830	1962	3/31/62	9.84	4,170
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Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 05410490--Continued

1935	8/08/35	--	8,600	1963	3/27/63	9.55	3,440
1936	3/12/36	--	3,650	1964	4/08/64	6.78	947
1937	3/08/37	--	4,340	1965	3/04/65	11.18	6,500
1938	9/11/38	10.18	3,400	1966	2/10/66	12.82	10,400
1939	3/15/39	8.19	1,860	1967	3/28/67	9.37	3,400
1940	3/31/40	8.38	2,230	1968	6/26/68	9.26	2,420
1941	4/04/41	8.14	1,800	1969	4/09/69	8.82	1,740
1942	9/21/42	8.59	2,540	1970	3/05/70	7.62	1,150
1943	3/28/43	8.62	2,570	1971	3/18/71	7.92	1,230
1944	6/19/44 ¹	8.78	3,050	1972	3/21/72	9.22	2,520
1945	6/03/45	9.03	3,370	1973	4/18/73	10.20	5,070
1946	3/08/46	10.25	7,630	1974	3/06/74	9.39	3,040
1947	6/17/47	8.70	2,570	1975	4/30/75	9.33	2,900
1948	3/19/48	9.92	5,640	1976	3/15/76	9.21	2,100
1949	3/05/49	8.42	1,790	1977	7/19/77	6.63	911
1950	3/27/50	10.06	6,160	1978	7/03/78	14.81	16,500
1951	7/22/51	13.66	10,300	1979	3/23/79	9.02	2,070
1952	4/03/52	9.75	4,470	1980	3/21/80	9.01	2,340
1953	8/05/53	8.06	1,430	1981	4/07/81	9.79	3,780
1954	7/07/54	9.25	2,570	1982	4/06/82	8.12	1,290
1955	6/07/55	8.78	1,670	1983	11/16/82	12.49	2,390
1956	4/05/56	10.88	6,310	1984	6/20/84	12.85	3,420
1957	6/19/57	6.81	972	1985	2/25/85	12.85	3,420
1958	3/01/58	7.07	1,030	1986	3/22/86	12.37	2,330
1959	4/03/59	10.95	6,940	1987	4/25/87	10.52	1,260
1960	5/09/60	9.40	3,070	1988	3/10/88	10.14	1,160
1961	3/28/61	12.33	10,800				

Station number 05413400

Station name Pigeon Creek near Lancaster, Wis.

Location Lat 42°49'00", long 90°43'20", in SW 1/4 sec.15, T.4 N., R.3 W., Grant
County, at culvert on country road, 2.0 mi south of Lancaster.

1960	1/12/60	16.14	1,100	1975	6/14/75	11.62	280
1961	9/13/61	10.63	120	1976	3/12/76	13.40	560
1962	7/20/62	13.50	580	1977	7/18/77	14.50	760
1963	3/20/63	10.95	155	1978	6/17/78	16.48	1,200
1964	4/02/64	11.33	210	1979	8/17/79	12.96	500
1965	3/01/65	13.00	491	1980	3/16/80	11.34	220
1966	8/21/66	19.71	2,000	1981	8/02/81	11.89	310
1967	1/24/67	20.85	2,800	1982	8/04/82	11.13	180
1968	5/28/68	10.41	110	1983	11/12/82	11.15	183
1969	6/26/69	11.89	320	1984	6/10/84	11.91	315
1970	3/03/70	11.61	280	1985	2/21/85	12.35	390
1971	9/10/71	11.50	260	1986	3/19/86	11.45	255

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05413400--Continued							
1972	7/16/72	18.95	1,860	1987	6/01/87	11.21	225
1973	6/17/73	17.06	1,360	1988	--	--	<150
1974	8/26/74	15.12	900				
Station number 05413500							
Station name		Grant River at Burton, Wis.					
Location		Lat 42°43'13", long 90°49'09", in NW 1/4 sec.23, T.3 N., R.4 W., Grant County, Hydrologic Unit 07060003, on right bank at downstream side of highway bridge at Burton, 5.9 mi northwest of Potosi and 9.5 mi upstream from mouth.					
1935	3/04/35	--	6,820	1962	11/3/61	19.54	8,120
1936	3/04/36	--	5,420	1963	3/16/63	21.88	8,000
1937	2/20/37	--	6,260	1964	4/03/64	18.66	5,510
1938	2/05/38	--	7,350	1965	3/01/65	22.05	7,000
1939	3/04/39	--	2,060	1966	2/08/66	23.05	12,500
1940	7/27/40	--	23,800	1967	1/25/67	23.67	14,000
1941	3/21/41	--	2,490	1968	8/08/68	13.28	1,080
1942	9/18/42	--	3,990	1969	3/18/69	15.81	1,430
1943	8/13/43	--	12,300	1970	6/15/70	17.52	2,260
1944	3/14/44	--	9,820	1971	3/15/71	17.07	2,140
1945	6/28/45	--	6,010	1972	3/15/72	20.52	10,900
1946	1/05/46	--	11,600	1973	12/30/72	21.14	6,770
1947	6/13/47	--	22,300	1974	6/21/74	21.59	7,830
1948	2/28/48	20.24	10,200	1975	3/22/75	21.84	8,520
1949	6/25/49	21.45	14,100	1976	7/28/76	21.28	7,080
1950	7/16/50	24.82	25,000	1977	7/18/77	21.29	4,840
1951	7/08/51	20.67	11,700	1978	6/17/78	23.07	11,200
1952	3/10/52	19.18	7,280	1979	3/19/79	20.14	5,320
1953	2/20/53	20.92	12,300	1980	3/16/80 ¹	20.00	2,160
1954	6/22/54	24.45	23,800	1981	8/26/81	18.79	2,450
1955	2/20/55	23.30	8,000	1982	3/13/82	18.56	3,290
1956	3/02/56	20.23	6,000	1983	2/21/83	15.66	1,830
1957	7/31/57	17.56	3,240	1984	6/10/84	17.63	2,680
1958	2/25/58	18.76	1,200	1985	2/21/85	21.42	6,800
1959	3/25/59 ¹	20.46	11,000	1986	3/19/86	17.16	2,420
1960	1/13/60	20.38	10,700	1987	7/30/87	15.56	1,800
1961	2/23/61	21.27	13,400	1988	1/31/88	11.74	830

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05414000							
Station name	Platte River near Rockville, Wis.						
Location	Lat 42°43'52", long 90°38'25", in SW 1/4 sec.17, T.3 N., R.2 W., Grant County, Hydrologic Unit 07060003, on right bank just downstream from bridge on County Trunk Highway B, 0.8 mi upstream from Blakely Branch, 2.2 mi east of Rockville, 4.5 mi northeast of Potosi, and 15.2 mi upstream from mouth.						
1935	3/04/35	--	3,980	1962	7/20/62	10.34	6,160
1936	3/10/36	--	2,730	1963	3/16/63	10.86	6,140
1937	3/04/37	--	8,560	1964	4/03/64	8.74	2,040
1938	2/06/38	--	5,980	1965	2/28/65	10.86	3,000
1939	1/05/39	--	3,060	1966	8/21/66	11.13	5,940
1940	7/26/40	--	13,100	1967	1/24/67	13.42	8,000
1941	3/03/41	--	4,180	1968	1/29/68	7.12	1,000
1942	6/29/42	9.10	3,670	1969	6/29/69	10.70	4,980
1943	6/02/43	12.10	10,400	1970	3/03/70	7.60	1,300
1944	3/14/44	10.44	6,310	1971	3/15/71	8.11	1,560
1945	6/28/45	9.10	3,660	1972	7/14/72	10.97	5,550
1946	1/05/46	11.40	8,700	1973	12/30/72	10.83	5,250
1947	6/13/47	12.30	11,000	1974	1/27/74	11.29	6,370
1948	2/28/48	11.10	7,980	1975	3/22/75	11.16	6,180
1949	3/04/49	9.40	4,150	1976	3/12/76	9.52	2,980
1950	7/16/50	17.26	43,500	1977	7/18/77	11.47	5,170
1951	8/06/51	12.81	13,900	1978	6/17/78	13.16	9,700
1952	3/10/52	7.63	1,660	1979	8/18/79	10.18	4,040
1953	2/20/53	10.79	7,290	1980	3/16/80	9.75	2,560
1954	6/21/54	13.33	16,400	1981	2/22/81	8.07	1,540
1955	2/20/55	8.85	3,080	1982	3/16/82	10.20	2,990
1956	3/01/56	8.30	2,400	1983	2/19/83	7.27	1,110
1957	1/21/57	8.50	2,620	1984	6/08/84	9.38	2,200
1958	9/03/58 ¹	6.57	1,060	1985	2/21/85	15.54	4,000
1959	5/20/59	10.77	7,220	1986	3/19/86	8.64	1,780
1960	1/12/60	10.90	7,550	1987	6/20/87	6.06	672
1961	2/23/61	9.42	4,080	1988	1/31/88	5.66	380

Station number 05414200

Station name Bear Branch near Platteville, Wis.
Location Lat 42°45'46", long 90°30'06", in NW 1/4 sec.4, T.3 N., R.1 W., Grant County, at box culvert on State Highway 81, 2.3 mi northwest of Platteville.

1958	2/24/58	10.44	110	1974	6/20/74	20.35	1,330
1959	5/20/59	17.40	840	1975	6/15/75	16.32	710
1960	12/27/59	17.00	780	1976	3/12/76	13.00	320
1961	10/31/60	10.87	135	1977	7/18/77	17.74	910
1962	8/24/62	14.66	495	1978	7/01/78	17.73	910

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05414200--Continued							
1963	3/17/63	12.54	275	1979	8/18/79	17.56	880
1964	6/21/64	10.80	120	1980	9/08/80	14.93	530
1965	9/09/65	13.12	330	1981	2/22/81	13.37	350
1966	7/13/66	11.36	170	1982	7/11/82	12.00	230
1967	1/24/67	15.71	610	1983	2/16/83	11.50	190
1968	6/26/68	12.24	250	1984	6/13/84	14.64	495
1969	6/29/69	15.45	595	1985	2/21/85	12.20	240
1970	3/03/70	13.60	375	1986	3/19/86	11.60	200
1971	9/10/71	11.00	150	1987	--	--	<200
1972	4/16/72	15.20	560	1988	--	--	<160
1973	12/30/72	13.08	325				

Station number 05414900

Station name Pats Creek near Elk Grove, Wis.

Location Lat 42°40'03", long 90°22'40", in SW 1/4 sec.4, T.2 N., R.1 E., Lafayette County, at bridge on State Highway 81, 7.0 mi southeast of Platteville.

1960	3/28/60	13.77	720	1974	6/20/74	15.15	1,580
1961	2/18/61	12.19	310	1975	3/24/75	11.38	180
1962	11/2/61	12.37	350	1976	3/12/76	13.19	560
1963	3/20/63	11.05	140	1978	6/17/78	14.65	1,160
1964	4/02/64	12.38	350	1979	3/19/79	11.88	250
1965	3/01/65	13.01	500	1980	2/07/80	12.64	410
1966	2/08/66	12.72	420	1981	2/22/81	12.20	320
1967	1/24/67	15.24	1,680	1982	3/12/82	12.99	490
1968	7/23/68	11.93	265	1983	2/16/83	11.61	218
1969	6/29/69	17.32	7,040	1984	6/13/84	13.22	310
1970	3/03/70	14.05	510	1985	2/21/85	12.75	430
1971	3/22/71	14.37	620	1986	--	--	<200
1972	4/16/72	13.01	260	1987	--	--	<200
1973	3/07/73	13.16	310	1988	--	--	<200

Station number 05415000

Station name Galena River at Buncombe, Wis.

Location Lat 42°30'49", long 90°22'40", in SW 1/4 sec.33, T.1 N., R.1 E., Lafayette County, Hydrologic Unit 07060005, on left bank at Buncombe, 0.6 mi upstream from Coon Branch, 1.5 mi upstream from Scrabble Branch, 2.0 mi upstream from Wisconsin-Illinois State line, and 3.5 mi southeast of Hazel Green.

1940	3/18/40	11.60	3,860	1965	9/21/65	13.19	6,280
1941	3/20/41	9.86	2,760	1966	2/08/66	12.90	4,000
1942	8/02/42	12.79	5,820	1967	1/25/67	12.31	4,540
1943	8/13/43	13.58	7,420	1968	2/01/68	9.35	2,340
1944	3/14/44	12.09	4,640	1969	6/29/69	19.57	29,700

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05415000--Continued							
1945	6/28/45	11.94	4,370	1970	3/03/70	10.55	2,940
1946	1/05/46	13.90	8,080	1971	2/27/71 ¹	10.91	3,200
1947	6/13/47	12.83	5,820	1972	8/02/72	12.94	5,780
1948	2/27/48	14.30	8,960	1973	12/30/72	13.47	3,200
1949	3/04/49	13.20	6,600	1974	1/26/74	13.43	6,760
1950	7/01/50	13.41	7,000	1975	3/22/75	13.90	7,770
1951	7/08/51	13.86	6,800	1976	3/04/76	12.71	5,400
1952	3/10/52	12.97	6,200	1977	7/18/77 ¹	12.30	4,820
1953	2/20/53	15.68	12,400	1978	6/17/78	11.69	4,140
1954	6/22/54	12.35	5,010	1979	3/19/79	9.86	2,810
1955	2/20/55	13.52	7,250	1980	1/16/80	9.78	2,760
1956	2/24/56	11.32	3,390	1981	2/22/81	8.95	2,260
1957	7/16/57	12.36	4,630	1982	7/10/82 ¹	9.96	2,880
1958	2/24/58	10.42	2,890	1983	12/02/82	8.14	1,810
1959	3/26/59 ¹	13.28	6,460	1984	7/15/84	7.82	1,640
1960	1/12/60	14.20	8,430	1985	2/21/85	13.16	4,400
1961	2/18/61	9.15	2,240	1986	9/11/86	10.36	3,430
1962	10/29/61	11.53	3,530	1987	10/4/86	6.40	1,050
1963	3/16/63	12.32	4,560	1988	1/31/88	9.22	1,300
1964	4/03/64	10.23	2,790				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05423000

Station name West Branch Rock River near Waupun, Wis.

Location Lat 43°40'04", long 88°39'08", in SE 1/4 sec.24, T.14 N., R.15 E., Fond du Lac County, on right bank 700 ft downstream from bridge on U.S. Highway 151, 4.1 mi upstream from South Branch Rock River, and 4.5 mi northeast of Waupun.

1949	3/27/49	4.11	246	1966	2/09/66	6.89	850
1950	3/27/50	6.56	949	1967	3/12/67	4.45	130
1951	3/29/51	4.73	386	1968	4/21/68	3.08	77
1952	3/21/52	5.48	602	1969	6/26/69	4.73	349
1953	3/16/53	5.22	509	1970	6/02/70	2.51	27
1954	5/31/54	2.91	80	1971	3/31/71	4.71	345
1955	10/4/54	4.58	332	1972	9/17/72	3.89	165
1956	4/01/56	5.76	600	1973	3/07/73	5.73	750
1957	6/12/57	3.46	112	1974	3/04/74	5.50	640
1958	11/09/57	2.57	37	1975	3/24/75	6.51	1,140
1959	4/03/59 ¹	6.07	730	1976	3/27/76	5.19	520
1960	3/30/60	6.08	733	1977	5/21/77	2.98	77
1961	11/16/60	4.23	210	1978	5/14/78	5.66	498
1962	3/29/62	5.70	730	1979	3/31/79 ¹	5.97	594
1963	3/24/63	5.28	350	1980	6/08/80	5.03	328
1964	5/16/64	3.02	81	1981	2/23/81	4.61	236
1965	3/02/65	--	240				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 05423300

Station name South Branch Rock River tributary near Waupun, Wis.

Location Lat 43°39'46", long 88°48'55", in S 1/2 sec.22, T.14 N., R.14 E., Fond du Lac County, at concrete culvert on country road, 4.5 mi northwest of Waupun.

1959	4/---/59	14.42	575	1971	3/31/71	14.15	375
1960	4/17/60	11.63	285	1972	3/16/72	11.31	200
1961	3/14/61	12.12	400	1973	3/07/73	12.10	400
1962	3/29/62	12.70	530	1974	3/04/74	11.40	230
1963	3/26/63	10.46	40	1975	3/24/75	12.50	485
1964	4/02/64	10.38	25	1976	3/04/76	11.29	210
1965	9/20/65	10.39	25	1977	4/04/77	10.70	70
1966	2/08/66	12.15	405	1978	3/23/78	13.40	240
1967	3/27/67	10.76	90	1979	3/22/79	11.28	210
1968	6/26/68	10.45	35	1980	4/09/80	10.60	60
1969	6/26/69	10.88	118				

Station number 05423500

Station name South Branch Rock River at Waupun, Wis.

Location Lat 43°38'30", long 88°44'15", in NW 1/4 sec.33, T.14 N., R.15 E., Fond du Lac County, Hydrologic Unit 07090002, on left bank 260 ft upstream from U.S. Business Route 151 at Waupun, and 2.8 mi upstream from mouth.

1949	3/27/49	5.24	398	1960	3/30/60	7.50	1,150
1950	3/27/50	6.56	818	1961	11/16/60	5.32	369
1951	3/29/51	5.95	584	1962	3/28/62	7.46	990
1952	3/21/52	6.96	1,000	1963	3/25/63	4.70	253
1953	2/21/53	5.70	507	1964	5/15/64	2.55	57
1954	7/07/54	4.00	168	1965	3/02/65	5.39	371
1955	10/4/54	5.91	570	1966	2/10/66	7.85	1,280
1956	4/02/56	6.65	753	1967	3/27/67	3.78	189
1957	6/11/57	3.92	170	1968	6/27/68	3.63	170
1958	8/12/58	2.56	51	1969	6/27/69	5.99	510
1959	4/03/59	7.97	1,500	1988	3/08/88	4.07	218

Station number 05423800

Station name East Branch Rock River tributary near Slinger, Wis.

Location Lat 43°23'06", long 88°18'29", in S 1/2 sec.26, T.11 N., R.18 E., Washington County, at culvert on U.S. Highway 41, 4.0 mi northwest of Slinger.

1960	9/19/60	12.07	190	1975	3/22/75	12.45	235
1961	3/22/61	10.93	85	1976	3/12/76	11.42	120
1962	3/29/62	11.47	130	1977	8/04/77	11.50	125
1963	3/23/63	11.66	150	1978	8/19/78	11.57	133
1964	7/18/64	12.07	190	1979	6/29/79	11.52	130
1965	4/06/65	12.33	215	1980	9/22/80	12.99	320

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 05423800--Continued

1966	2/09/66	11.75	160	1981	8/27/81	11.07	90
1967	3/10/67	11.36	120	1982	4/03/82	11.86	160
1968	6/26/68	10.49	50	1983	8/17/83	12.56	250
1969	6/26/69	11.89	167	1984	7/10/84	12.12	190
1971	4/12/71	11.27	105	1985	10/18/84	11.35	115
1972	8/14/72	13.12	340	1986	9/11/86	13.04	325
1973	5/27/73	11.41	115	1987	7/29/87	12.26	210
1974	6/09/74	11.99	180	1988	1/30/88	11.75	150

Station number 05424000

Station name East Branch Rock River near Mayville, Wis.

Location Lat 43°31'46", long 88°34'00", in NE 1/4 sec.10, T.12 N., R.16 E., Dodge County, on left bank 500 ft downstream from Kekoshee dam, 0.5 mi upstream from Gill Creek, and 2.0 mi northwest of railroad bridge in Mayville.

1950	3/29/50	8.80	2,160	1961	3/25/61	5.61	590
1951	3/30/51	7.94	1,530	1962	3/29/62	9.25	2,540
1952	3/21/52	8.74	2,080	1963	3/27/63	6.68	958
1953	2/21/53	--	700	1964	4/08/64	4.34	241
1954	7/07/54	6.12	773	1965	9/20/65	8.82	2,180
1955	10/3/54	8.02	1,600	1966	2/10/66	7.59	1,330
1956	4/03/56	6.85	1,010	1967	3/29/67	6.02	622
1957	2/25/57	4.87	405	1968	6/27/68	5.73	630
1958	4/06/58	4.42	296	1969	6/26/69	7.80	1,470
1959	4/03/59	11.02	3,400	1970	11/19/69	5.06	426
1960	4/01/60	8.44	1,880				

Station number 05424082

Station name Rock River at Hustisford, Wis.

Location Lat 43°20'44", long 88°35'52", in NE 1/4 sec.9, T.10 N., R.16 E., Dodge County, on left bank 400 ft downstream from State Highway 106 bridge, 40 ft downstream from the Hustisford dam at Hustisford.

1979	4/04/79	6.80	3,550	1983	12/9/82	4.84	1,270
1980	9/26/80	5.41	1,540	1984	6/24/84	5.05	1,880
1981	2/28/81	5.03	1,440	1985	3/11/85	5.27	2,040
1982	4/03/82	5.74	1,940				

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05424300							
Station name	Rock River tributary near Watertown, Wis.						
Location	Lat 43°09'51", long 88°38'44", in NE 1/4 sec.18, T.8 N., R.16 E., Jefferson County, at concrete culvert on old U.S. Highway 16, 5.0 mi east of Watertown.						
1959	4/---/59	14.01	150	1970	5/12/70	11.49	30
1960	3/30/60	13.79	230	1971	3/28/71	13.35	175
1961	3/22/61	12.60	95	1972	9/18/72	12.87	120
1962	3/29/62	13.04	140	1973	3/07/73	13.01	140
1963	4/19/63	11.33	25	1974	3/04/74	13.22	175
1964	7/18/64	10.95	15	1975	3/22/75	13.95	260
1965	9/09/65	12.11	40	1976	3/04/76	13.42	185
1966	2/08/66	12.65	95	1978	7/01/78	13.11	150
1967	3/10/67	11.89	45	1979	8/10/79	12.45	85
1968	6/26/68	12.88	120	1980	9/22/80	13.72	225
1969	6/26/69	13.04	140				
Station number 05425500							
Station name	Rock River at Watertown, Wis.						
Location	Lat 43°11'17", long 88°43'34", in SW 1/4 sec.4, T.8 N., R.15 E., Jefferson County, Hydrologic Unit 07090001, on left bank, 700 ft downstream from Milwaukee Street bridge, 1.1 mi downstream from Silver Creek, at Watertown.						
1932	1/13/32	--	1,570	1958	3/08/58	2.86	667
1933	5/20/33	--	3,390	1959	4/04/59	6.32	5,030
1934	4/04/34	3.08	1,010	1960	5/07/60	5.09	3,330
1935	3/20/35	3.94	1,980	1961	3/28/61	3.77	1,690
1936	3/22/36	3.80	1,810	1962	4/05/62	4.87	2,800
1937	2/21/37	4.50	2,800	1963	3/29/63	3.35	1,240
1938	2/13/38 ¹	4.84	3,340	1964	3/18/64	2.33	433
1939	3/15/39	3.59	1,490	1965	9/21/65	4.44	2,140
1940	6/28/40	4.76	2,800	1966	10/1/65	4.44	2,140
1941	4/20/41	3.82	1,670	1967	4/10/67	3.12	1,040
1942	6/12/42	3.35	1,170	1968	6/29/68	3.43	1,310
1943	3/16/43	5.36	3,760	1969	4/13/69	3.88	1,740
1944	3/14/44	4.18	2,000	1970	5/16/70	3.00	936
1945	3/25/45 ¹	3.23	1,040	1977	7/24/77	2.60	660
1946	3/14/46	5.27	3,600	1978	7/08/78	--	1,900
1947	4/11/47	3.74	1,580	1979	3/31/79	6.19	5,080
1948	3/21/48	5.05	3,290	1980	9/23/80	3.98	1,850
1949	3/15/49	3.55	1,380	1981	2/23/81	3.73	1,670
1950	7/20/50	4.43	2,430	1982	4/03/82	4.95	3,150
1951	4/29/51	5.10	3,340	1983	4/04/83	4.03	1,990
1952	3/24/52	5.69	4,180	1984	6/26/84 ¹	4.02	1,990
1953	3/27/53	3.90	1,810	1985	3/10/85	4.96	3,180

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 05425500--Continued

1954	7/07/54	3.94	1,640	1986	3/24/86	5.54	4,030
1955	8/02/55	4.13	2,090	1987	10/5/86	5.49	3,960
1956	5/13/56	3.87	1,770	1988	3/10/88 ¹	3.38	1,320
1957	6/06/57	3.41	1,190				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05425700

Station name Robbins Creek at Columbus, Wis.

Location Lat 43°20'48", long 89°01'55", in SE 1/4 sec.11, T.10 N., R.12 E., Columbia County, at culvert on U.S. Highway 16, at Columbus.

1960	4/02/60	13.74	300	1973	5/27/73	13.38	175
1961	4/24/61	12.02	80	1974	3/04/74	13.37	175
1962	3/26/62	12.60	165	1975	3/22/75	13.95	250
1963	5/10/63	11.03	19	1979	8/10/79	11.31	95
1964	6/22/64	10.70	13	1980	9/22/80	13.41	265
1965	9/10/65	13.48	190	1981	2/22/81	12.05	165
1966	5/23/66	13.42	265	1982	7/22/82	12.32	188
1967	1/25/67	12.50	85	1983	12/2/82	10.82	88
1968	6/26/68	13.25	160	1984	6/10/84	12.68	220
1969	6/26/69	12.34	75	1985	9/08/85	14.70	335
1970	9/03/70	11.61	35	1986	9/11/86	14.04	312
1971	3/28/71	12.72	180	1987	4/22/87	10.77	70
1972	3/17/72	12.91	120	1988	1/31/88	10.79	71

Station number 05425827

Station name Mauneshia River near Sun Prairie, Wis.

Location Lat 43°13'37", long 89°09'33", in SE 1/4 sec.23, T.9 N., R.11 E., Dane County, at bridge on Town Road, 4.2 mi northeast of Sun Prairie.

1973	3/07/73	12.41	475	1981	2/22/81	11.88	335
1974	3/04/74	14.77	1,150	1982	4/03/82	12.17	410
1975	3/22/75	14.16	980	1983	12/2/82	11.43	240
1976	3/12/76	12.44	485	1984	6/09/84	12.27	440
1977	3/15/77	11.04	165	1985	2/26/85	12.46	490
1978	7/01/78	11.96	360	1986	3/03/86	12.21	425
1979	3/22/79	12.54	515	1987	4/22/87	10.59	110
1980	9/22/80	12.58	525	1988	1/31/88	12.89	620

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05426000							
Station name	Crawfish River at Milford, Wis.						
Location	Lat 43°06'00", long 88°50'58", in SW 1/4 sec.4, T.7 N., R.14 E., Jefferson County, Hydrologic Unit 07090002, on left bank near upstream side of highway bridge in Milford, 1.4 mi downstream from Rock Creek and 9.8 mi upstream from mouth.						
1932	11/26/31	4.44	1,370	1961	3/27/61	5.28	1,690
1933	4/03/33	6.46	2,650	1962	4/01/62	8.88	3,990
1934	4/06/34	4.06	1,140	1963	3/28/63	--	1,720
1935	3/14/35	6.60	2,720	1964	4/08/64	--	410
1936	3/18/36	6.05	2,240	1965	9/27/65	--	1,890
1937	3/09/37	7.24	3,110	1966	2/14/66	--	2,560
1938	9/22/38	7.60	3,370	1967	4/01/67	--	1,380
1939	1/12/39	5.30	1,720	1968	7/02/68	4.70	1,290
1940	6/28/40	5.26	1,840	1969	4/24/69	5.65	1,810
1941	3/27/41	6.40	2,560	1970	5/17/70	3.12	573
1942	3/22/42	4.16	1,180	1971	3/20/71	7.02	2,560
1943	3/22/43	8.20	3,780	1972	3/25/72	6.49	2,270
1944	3/18/44	6.50	2,640	1973	3/17/73	8.21	3,440
1945	3/16/45	5.00	1,690	1974	3/09/74	7.92	3,210
1946	3/17/46	8.88	4,260	1975	3/26/75	9.79	4,830
1947	6/18/47	5.23	1,810	1976	3/16/76	6.76	2,420
1948	3/22/48	8.30	3,850	1977	4/05/77	3.19	580
1949	3/11/49	5.29	1,870	1978	5/18/78	6.03	2,020
1950	7/24/50	7.78	3,310	1979	4/02/79	10.06	4,510
1951	3/10/51	6.98	2,970	1980	9/27/80	7.30	2,510
1952	3/25/52	8.76	3,940	1981	10/1/80	6.96	2,350
1953	8/08/53	5.44	1,870	1982	4/08/82 ¹	7.02	2,380
1954	7/10/54	5.75	2,070	1983	3/10/83	5.57	1,730
1955	3/16/55	4.88	1,520	1984	2/24/84	5.87	1,890
1956	4/03/56	5.20	1,700	1985	3/04/85	8.14	3,120
1957	6/13/57	4.27	1,260	1986	3/24/86	9.10	3,740
1958	3/03/58	3.67	915	1987	10/4/86	8.78	3,530
1959	4/06/59	11.15	6,140	1988	4/06/88 ¹	4.48	1,270
1960	4/03/60	8.45	3,680				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05426031

Station name Rock River at Jefferson, Wis.

Location Lat 42°59'46", long 88°48'26", in sec.2, T.6 N., R.14 E., Jefferson County, Hydrologic Unit 07090001, on right bank 30 ft downstream from bridge on State Highway 26 in Jefferson.

1979	4/01/79	--	10,300	1985	3/04/85	7.96	5,340
1980	9/25/80	6.61	5,270	1986	3/25/86	9.33	7,200
1982	4/06/82 ¹	8.08	5,370	1987	10/6/86	9.53	7,190

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 05426031--Continued

1983	4/14/83	6.36	3,560	1988	4/06/88 ¹	4.79	2,610
1984	2/22/84	6.11	3,400				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05426100

Station name Scuppernong Creek near Wales, Wis.

Location Lat 43°00'58", long 88°24'29", in NE 1/4 sec.6, T.6 N., R.18 E., Waukesha County, at culvert on U.S. Highway 18, 1.8 mi northwest of Wales.

1962	3/29/62	10.19	100	1974	3/03/74	10.40	105
1965	5/23/65	10.07	85	1975	3/22/75	10.28	90
1966	2/08/66	10.56	140	1976	3/12/76	10.30	95
1968	8/20/68	10.32	110	1978	6/17/78	10.13	85
1969	6/29/69	10.80	165	1979	3/22/79	10.44	125
1972	9/19/72	11.30	120	1980	4/08/80	10.30	100
1973	4/21/73	11.22	195				

Station number 05426250

Station name Bark River near Rome, Wis.

Location Lat 42°57'39", long 88°40'09", in SE 1/4 SW 1/4 sec.24, T.6 N., R.15 E., Jefferson County, Hydrologic Unit 07090001, on left bank just upstream from bridge on Cushman Road, 2.8 mi southwest of Rome.

1984	5/29/84	1.86	256	1987	10/1/86	2.40	402
1985	3/02/85	2.12	325	1988	4/08/88	1.68	222
1986	3/21/86	2.27	388				

Station number 05426500

Station name Whitewater Creek near Whitewater, Wis.

Location Lat 42°46'40", long 88°41'40", in NW 1/4 sec.26, T.4 N., R.15 E., Walworth County, on right bank at downstream end of highway culvert, 3,000 ft downstream from Whitewater Lake and 4 mi south of Whitewater.

1926	4/09/26	--	13	1950	6/13/50	2.20	16
1927	5/28/27	--	25	1951	2/26/51	1.54	8
1928	7/03/28	--	8	1952	11/13/51	1.92	13
1947	3/23/47	1.20	5	1953	2/20/53	1.54	8
1948	3/19/48	1.74	10	1954	6/03/54	1.34	6
1949	2/24/49	1.80	11				

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 05427000

Station name Whitewater Creek at Whitewater, Wis.

Location Lat 42°49'00", long 88°42'30", in SW 1/4 sec.10, T.4 N., R.15 E., Walworth County, near right bank at upstream side of highway bridge, 0.5 mi upstream from Tripp Lake pond and 1 mi southeast of Whitewater.

1927	5/28/27	4.30	445	1952	11/13/51	4.50	347
1928	7/03/28	3.10	176	1953	2/21/53	3.10	157
1947	6/02/47	2.70	113	1954	7/07/54	2.80	127
1948	3/19/48	4.20	330	1979	3/19/79	12.00	288
1949	3/04/49	2.30	89	1980	6/06/80	9.96	105
1950	6/13/50	5.10	451	1981	4/14/81	10.09	112
1951	3/30/51	2.43	98				

Station number 05427200

Station name Allen Creek near Fort Atkinson, Wis.

Location Lat 42°53'54", long 88°51'35", in NE 1/4 sec.17, T.5 N., R.14 E., Jefferson County, at box culvert on State Highway 26, 2.5 mi southwest of Fort Atkinson.

1958	3/---/58	11.30	175	1974	3/04/74	10.59	112
1959	3/---/59	12.95	100	1975	3/22/75	11.46	192
1960	3/29/60	13.24	380	1976	3/04/76	10.30	88
1961	9/14/61	10.49	100	1977	9/24/77	9.40	45
1962	3/29/62	10.22	80	1978	7/01/78	10.17	80
1963	3/19/63	12.40	200	1979	3/22/79	10.86	135
1964	3/13/64	9.83	55	1980	4/05/80	10.53	110
1965	9/20/65	9.99	65	1981	4/11/81	10.30	125
1966	2/08/66	10.35	90	1982	4/03/82	11.17	165
1967	6/12/67	10.32	89	1983	3/07/83	11.25	172
1968	6/26/68	9.93	62	1984	6/18/84	9.35	40
1969	7/17/69	11.21	168	1985	9/08/85	10.59	112
1970	5/13/70	9.90	55	1986	8/26/86	9.00	15
1971	3/08/71	10.90	140	1987	4/22/87	9.41	35
1972	3/16/72	10.17	80	1988	1/31/88	12.04	255
1973	12/30/72	11.60	205				

Station number 05427250

Station name Koshkonong Creek at Sun Prairie, Wis.

Location Lat 43°12'02", long 89°11'57", in SW 1/4 sec.33, T.9 N., R.11 E., Dane County, at culvert on U.S. Highway 151, 1.3 mi northeast of Sun Prairie.

1961	3/25/61	11.05	20	1966	5/23/66	10.25	2
1962	3/25/62	--	10	1967	6/11/67	11.00	19
1963	3/19/63	10.53	8	1968	6/26/68	11.10	22
1964	4/02/64	10.83	15	1969	6/25/69	10.92	17
1965	9/09/65	10.62	10				

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 05427507

Station name Koshkonong Creek near Rockdale, Wis.
 Location Lat 42°57'05", long 89°01'37", in SW 1/4 SE 1/4 SW 1/4 sec.25, T.6 N., R.12 E., Dane County, on right bank at bridge on Hoopen Road, 1.4 mi south of Rockdale, and 17.0 mi above the mouth.

1977	3/31/77	7.74	189	1980	9/13/80	10.34	574
1978	7/01/78	11.52	758	1982	4/03/82 ¹	11.01	827
1979	3/25/79	11.15	873				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05427570

Station name Rock River at Indianford, Wis.
 Location Lat 42°48'15", long 89°05'25", in SW 1/4 SW 1/4 sec.16, T.4 N., R.12 E., Rock County, Hydrologic Unit 07090001, on right bank 50 ft upstream from bridge on County Trunk Highways F and M, 250 ft upstream from dam in Indianford, and 1.8 mi upstream from Yahara River.

1979	4/05/79	16.23	11,900	1984	2/27/84 ¹	13.60	4,920
1980	9/30/80	14.04	5,160	1985	3/17/85	14.45	6,870
1981	10/2/80	14.11	5,340	1986	3/30/86	15.22	8,820
1982	4/12/82	14.68	6,870	1987	10/10/86	15.31	9,360
1983	4/09/83	13.98	5,670	1988	12/15/87	13.68	3,970

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05427718

Station name Yahara River at Windsor, Wis.
 Location Lat 43°12'32", long 89°21'09", in NW 1/4 NE 1/4 sec.31, T.9 N., R.10 E., Dane County, at bridge on road to Lake Windsor Country Club.

1976	3/12/76	5.56	587	1979	3/23/79	4.17	224
1977	2/24/77	5.01	198	1980	6/07/80 ¹	5.18	438
1978	7/01/78	5.20	398	1981	8/28/81	5.27	340

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05427800

Station name Token Creek near Madison, Wis.
 Location Lat 43°10'52", long 89°19'28", in SW 1/4 sec.4, T.8 N., R.10 E., Dane County, at culvert on U.S. Highway 51, 8 mi northeast of State Capitol in Madison.

1961	3/25/61	11.97	235	1975	3/22/75	14.32	575
1962	3/29/62	11.22	165	1976	3/12/76	14.16	576
1963	6/05/63	11.05	155	1977	2/24/77	10.87	99
1964	3/13/64	9.85	90	1978	7/01/78	11.51	135
1965	3/02/65	12.80	363	1979	3/23/79	11.08	108
1966	2/09/66	13.69	488	1980	9/22/80	12.40	188
1967	1/25/67	13.52	464	1982	7/22/82	11.59	140
1968	6/26/68	11.84	228	1983	4/02/83	10.60	85
1969	3/18/69	11.85	230	1984	6/09/84	13.73	480

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05427800--Continued							
1970	9/24/70	10.57	70	1985	7/25/85	14.03	560
1971	8/14/71	9.99	45	1986	3/03/86	12.93	305
1972	3/15/72	12.53	325	1987	10/4/86	11.74	160
1973	3/07/73	14.29	570	1988	1/31/88	11.04	106
1974	3/04/74	13.56	465				
Station number 05427900							
Station name		Sixmile Creek near Waunakee, Wis.					
Location		Lat 43°10'29", long 89°25'58", in NE 1/4 NW 1/4 sec. 16, T.8 N., R.9 E., Dane County, on right bank at bridge on town road, 1.5 mi southeast of Waunakee.					
1976	8/25/76	8.71	564	1979	6/28/79	6.52	142
1977	2/24/77	7.87	182	1980	3/17/80	7.64	328
1978	6/17/78	7.67	322	1981	2/22/81	6.86	237
Station number 05427948							
Station name		Pheasant Branch at Middleton, Wis.					
Location		Lat 43°06'12", long 89°30'42", in NE 1/4 NW 1/4 sec. 11, T.7 N., R.8 E., Dane County, Hydrologic Unit 07090001, on left bank at bridge on U.S. Highway 12, 2.5 mi upstream from Lake Mendota at Middleton.					
1975	3/21/75	7.54	516	1982	3/16/82	7.54	357
1976	3/12/76	8.54	515	1983	12/2/82	5.85	112
1977	7/18/77	7.73	377	1984	6/10/84	7.78	398
1978	7/01/78	8.33	479	1985	7/25/85	7.92	492
1979	8/10/79	5.74	101	1986	3/19/86	5.86	123
1980	3/15/80	6.77	227	1987	10/4/86	5.55	85
1981	9/01/81	7.97	434	1988	1/31/88	5.45	75
Station number 05427965							
Station name		Spring Harbor Storm Sewer at Madison, Wis.					
Location		Lat 43°04'45", long 89°28'15", in NW 1/4 SE 1/4 sec. 18, T.7 N., R.9 E., Dane County, Hydrologic Unit 07090001, in city park near the junction of Spring Harbor Drive and University Avenue in Madison.					
1979	8/09/79	2.62	248	1984	6/09/84	3.90	650
1980	9/12/80	3.35	450	1985	10/18/84	2.67	259
1981	8/31/81	4.04	706	1986	9/29/86	2.85	303
1982	10/17/81	2.77	283	1987	8/16/87	3.31	437
1983	9/06/83	2.91	318	1988	9/19/88	2.06	138

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05429050							
Station name		Nakoma Storm Sewer at Madison, Wis.					
Location		Lat 43°02'55", long 89°26'16", in SE 1/4 SW 1/4 sec.28, T.7 N., R.9 E., Dane County, near the junction of Manitou Way and Nakoma Road, in the University of Wisconsin Arboretum in Madison.					
1972	2/23/72	14.60	188	1975	7/03/75	14.08	146
1973	9/02/73	13.13	81	1976	8/14/76	14.60	72
1974	5/21/74	12.83	66	1977	7/18/77	14.30	164
Station number 05429120							
Station name		Lake Wingra outlet at Madison, Wis.					
Location		Lat 43°03'28", long 89°24'22", in NE 1/4 NE 1/4 sec.27, T.7 N., R.9 E., Dane County, at outlet of Lake Wingra in Madison.					
1971	4/13/71	1.40	24	1975	3/24/75	1.53	42
1972	8/26/72	1.41	25	1976	3/05/76	1.44	27
1973	3/07/73	1.62	40	1977	7/18/77	1.89	41
1974	5/22/74	1.42	26				
Station number 05429500							
Station name		Yahara River near McFarland, Wis.					
Location		Lat 43°00'32", long 89°18'18", in SW 1/4 sec.3, T.6 N., R.10 E., Dane County, Hydrologic Unit 07090001, on left bank just upstream from bridge on U.S. Highway 51, at dam at outlet of Lake Waubesa and 1.0 mi southwest of McFarland.					
1931	10/8/30 ¹	4.18	211	1959	4/10/59	5.82	867
1932	11/24/31	4.40	353	1960	7/03/60	5.29	580
1933	5/21/33	5.89	655	1961	3/28/61 ¹	4.70	433
1934	4/11/34	3.94	223	1962	4/09/62	4.74	453
1935	4/12/35 ¹	4.48	370	1963	4/03/63 ¹	4.65	425
1936	4/07/36	5.00	347	1964	11/30/63 ¹	3.99	256
1937	3/13/37	6.10	672	1965	4/12/65 ¹	4.87	504
1938	2/18/38 ¹	5.79	508	1966	3/05/66 ¹	4.40	333
1939	10/1/38	5.46	439	1967	6/20/67 ¹	5.23	327
1940	4/11/40	4.01	258	1968	7/01/68	5.53	313
1941	4/04/41	4.88	416	1969	7/04/69	5.86	327
1942	6/10/42 ¹	4.53	350	1970	5/14/70 ¹	4.18	275
1943	3/26/43 ¹	5.05	462	1971	3/30/71 ¹	4.49	386
1944	4/03/44 ¹	4.88	462	1974	4/15/74	5.15	537
1945	3/19/45 ¹	--	255	1975	5/01/75	5.13	598
1946	3/19/46	5.56	613	1976	3/31/76 ¹	4.52	451
1947	4/11/47 ¹	4.66	404	1977	7/22/77	5.02	404
1948	3/23/48	5.20	531	1978	7/02/78	5.75	636
1949	4/02/49 ¹	4.60	350	1979	4/02/79	4.28	332
1950	7/21/50 ¹	--	600	1980	9/25/80 ¹	5.14	415

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05429500--Continued							
1951	4/30/51 ¹	4.70	416	1981	10/19/80 ¹	4.91	432
1952	4/03/52 ¹	5.19	531	1982	4/06/82 ¹	4.82	423
1953	3/16/53	5.03	496	1983	12/11/82	4.93	366
1954	7/11/54	6.21	500	1984	3/25/84 ¹	4.70	325
1955	4/25/55 ¹	4.59	391	1985	4/01/85 ¹	5.36	426
1956	5/18/56 ¹	4.36	338	1986	2/05/86 ¹	5.33	415
1957	5/26/57 ¹	4.63	296	1987	11/9/86 ¹	5.92	387
1958	6/01/58	4.60	282	1988	2/02/88 ¹	5.02	330

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05430095

Station name Badfish Creek at County Highway A near Stoughton, Wis.

Location Lat 42°53'37", long 89°17'55", in NW 1/4 SE 1/4 sec.15, T.5 N., R.10 E., Dane County, Hydrologic Unit 07090001, on right bank 75 ft upstream from bridge on County Highway A, 4.4 mi southwest of Stoughton, and 9.5 mi upstream from mouth.

1987	4/22/87	4.78	207	1988	1/31/88	4.87	215
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Station number 05430100

Station name Badfish Creek near Stoughton, Wis.

Location Lat 42°53'28", long 89°17'23", in SW 1/4 sec.14, T.5 N., R.10 E., Dane County, on left bank 10 ft downstream from highway bridge, 4 mi southwest of Stoughton, and 9 mi upstream from mouth.

1957	6/11/57	2.84	68	1962	11/16/61	3.81	635
1958	2/24/58	2.15	252	1963	3/17/63	2.52	366
1959	4/01/59	3.87	682	1964	3/13/64 ¹	2.00	238
1960	1/13/60	4.60	871	1965	9/20/65	4.25	545
1961	3/24/61 ¹	3.22	504	1966	2/09/66	3.50	557

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05430150

Station name Badfish Creek near Cooksville, Wis.

Location Lat 42°50'00", long 89°11'48", in SW 1/4 SE 1/4 sec.4, T.4 N., R.11 E., Rock County, Hydrologic Unit 07090001, on right bank, 20 ft upstream from bridge on State Highway 59, 2.2 mi east of Cooksville, and 2.2 mi above the mouth.

1979	3/19/79	6.60	469	1984	7/10/84	7.55	701
1980	6/07/80	7.18	588	1985	10/19/84	7.61	710
1981	9/01/81	8.11	870	1986	11/2/85	6.59	460
1982	3/13/82	7.95	839	1987	4/22/87	5.95	324
1983	12/2/82	6.55	440	1988	1/31/88	6.67	494

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05430175							
Station name		Yahara River near Fulton, Wis.					
Location		Lat 42°49'50", long 89°10'09", in NE 1/4 NE 1/4 sec.10, T.4 N., R.11 E., Rock County, Hydrologic Unit 07090001, on right bank, 700 ft downstream from Badfish Creek, 2,000 ft upstream from bridge on State Highway 59, and 2.8 mi northwest of Fulton.					
1979	3/23/79	5.59	1,100	1984	7/10/84 ¹	5.69	1,250
1980	9/13/80	5.45	1,050	1985	10/19/84	6.35	1,650
1981	9/01/81	8.36	3,040	1986	11/2/85 ¹	5.69	1,220
1982	3/13/82	6.60	1,810	1987	10/1/86	5.46	1,070
1983	12/2/82	5.38	1,070	1988	1/31/88 ¹	5.83	1,300

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05430403

Station name Fisher Creek tributary at Janesville, Wis.
 Location Lat 42°40'18", long 89°03'31", in SW 1/4 SE 1/4 sec.34, T.3 N., R.12 E., Rock County, at culvert on Rockport Road, 0.4 mi west of South Crosby Avenue, and 0.6 mi upstream from County Trunk Highway D at Janesville.

1983	11/1/82	6.09	222	1986	7/25/86	6.47	320
1984	9/24/84	6.75	410	1987	7/29/87	6.21	250
1985	7/14/85	6.91	520	1988	8/08/88	7.28	640

Station number 05430500

Station name Rock River at Afton, Wis.
 Location Lat 42°36'33", long 89°04'14", in NE 1/4 sec.28, T.2 N., R.12 E., Rock County, Hydrologic Unit 07090001, on right bank in Afton, 0.3 mi downstream from highway bridge and 1.1 mi upstream from Bass Creek.

1914	9/15/14	7.60	7,050	1952	3/29/52	10.39	9,810
1915	9/13/15	11.00	10,500	1953	2/20/53	8.06	6,200
1916	4/01/16 ¹	10.12	9,270	1954	7/14/54	6.93	4,620
1917	4/01/17	10.00	9,050	1955	10/11/54	6.82	4,480
1918	3/25/18	11.50	12,700	1956	5/16/56	6.80	4,460
1919	4/15/19	5.90	3,560	1957	6/14/57	5.96	3,460
1920	4/01/20	10.30	10,100	1958	3/06/58	4.76	2,230
1921	5/02/21	9.30	8,200	1959	4/10/59	11.77	12,100
1922	4/11/22	9.70	8,640	1960	4/06/60	10.00	8,840
1923	4/12/23	10.60	10,400	1961	3/29/61	8.09	6,050
1924	8/20/24	8.70	7,100	1962	4/05/62	10.13	9,060
1925	2/23/25 ¹	7.00	4,720	1963	4/01/63	6.56	4,070
1926	3/23/26	7.40	5,180	1964	3/14/64	5.09	2,530
1927	3/20/27	7.80	5,750	1965	9/26/65	8.11	5,990
1928	4/14/28	8.40	6,670	1966	3/28/66 ¹	7.46	5,200
1929	3/23/29	11.80	13,000	1967	6/17/67	7.39	5,060
1930	3/04/30	7.00	4,620	1968	7/03/68	7.67	5,050
1931	3/28/31	3.50	1,380	1969	4/18/69	7.43	4,740

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05430500--Continued							
1932	3/27/32	6.80	4,380	1970	5/20/70	5.85	3,010
1933	5/20/33	10.00	8,990	1971	3/29/71	8.33	5,910
1934	4/11/34	5.36	2,890	1972	9/30/72	7.76	5,170
1935	3/10/35	8.52	6,350	1973	5/08/73	10.81	9,680
1936	3/26/36	7.07	4,600	1974	3/12/74	9.88	8,180
1937	3/04/37 ¹	10.23	8,510	1975	4/01/75	11.25	10,400
1938	1/24/38 ¹	10.44	9,190	1976	3/05/76	8.93	6,760
1939	2/25/39	8.00	5,800	1977	4/08/77	5.35	2,600
1940	8/26/40	10.80	10,700	1978	7/02/78	8.69	6,420
1941	4/04/41	7.43	4,990	1979	4/05/79	11.86	11,500
1942	3/25/42	5.94	3,300	1980	9/30/80	8.26	5,820
1943	3/16/43	11.04	11,100	1981	10/1/80	8.24	5,790
1944	3/14/44	9.19	7,620	1982	4/11/82	9.79	8,040
1945	3/21/45	6.31	3,830	1983	4/13/83	8.56	6,230
1946	3/23/46	10.46	10,000	1984	2/27/84	7.89	5,340
1947	4/16/47	6.98	4,490	1985	3/14/85	9.58	7,730
1948	3/19/48	10.20	9,390	1986	3/27/86	10.58	9,290
1949	3/05/49	7.79	5,520	1987	10/9/86	10.74	9,560
1950	7/27/50	8.24	6,350	1988	4/06/88 ¹	7.00	4,210
1951	5/04/51	9.16	7,850				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05431400

Station name Little Turtle Creek at Allens Grove, Wis.

Location Lat 42°34'46", long 88°45'33", in NE 1/4 sec.6, T.1 N., R.15 E., Walworth County, at bridge on country road, 0.2 mi south of Allens Grove.

1962	11/16/61	14.06	1,090	1976	3/12/76	13.43	800
1963	4/30/63	11.12	260	1979	8/10/79	10.60	200
1964	6/22/64	12.90	570	1980	--	--	<200
1965	3/01/65	14.13	1,130	1981	--	--	<200
1966	2/09/66	14.82	1,680	1982	7/22/82	13.81	950
1967	3/10/67	14.51	1,420	1983	--	--	<200
1968	8/04/68	11.27	275	1984	2/12/84	12.55	490
1969	1/23/69	15.01	1,870	1985	2/24/85	12.53	490
1970	3/20/70	12.78	560	1986	3/08/86	12.80	560
1971	2/19/71	15.55	2,440	1987	--	--	<280
1972	8/25/72	14.60	1,490	1988	1/18/88	12.40	465
1973	4/21/73	18.28	8,400				

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05431486							
Station name	Turtle Creek at Carvers Rock Road near Clinton, Wis.						
Location	Lat 42°35'50", long 88°49'45", in SW 1/4 sec.27, T.2 N., R.14 E., Rock County, Hydrologic Unit 07090001, on left bank 25 ft downstream from bridge on Carvers Rock Road, 3.3 mi northeast of Clinton, 13 mi northeast of Beloit, and 17.8 mi upstream from mouth.						
1980	2/23/80	6.53	763	1985	2/24/85	--	1,100
1981	2/22/81	6.64	1,010	1986	3/10/86	9.10	3,120
1982	7/22/82	9.25	3,340	1987	4/23/87	6.30	854
1983	4/02/83	7.01	1,180	1988	1/31/88	9.02	1,500
1984	2/13/84	7.00	1,190				
Station number 05431500							
Station name	Turtle Creek near Clinton, Wis.						
Location	Lat 42°35'47", long 88°51'50", in SE 1/4 sec.29, T.2 N., R.14 E., Rock County, on left bank 15 ft downstream from bridge on State Highway 140, 2.7 mi north of Clinton, 11 mi northeast of Beloit, and 16 mi upstream from mouth.						
1940	8/26/40	7.18	2,020	1961	3/15/61	6.36	1,600
1941	3/21/41 ¹	5.97	1,120	1962	11/16/61	6.74	1,880
1942	9/03/42	7.10	1,950	1963	3/17/63	6.80	1,300
1943	3/16/43	9.29	3,950	1964	3/14/64	7.53	2,640
1944	3/14/44	8.34	2,980	1965	2/08/65	9.73	1,800
1945	9/28/45	8.19	3,380	1966	2/09/66	9.52	2,500
1946	1/05/46	9.88	5,850	1967	3/11/67	5.06	560
1947	3/12/47	5.86	1,270	1968	9/25/68	3.52	269
1948	3/19/48	9.46	5,350	1969	1/24/69	7.60	1,070
1949	2/24/49	10.22	6,560	1970	9/18/70	5.90	1,300
1950	3/06/50	9.45	4,150	1971	2/26/71 ¹	8.54	2,500
1951	3/03/51 ¹	6.93	2,060	1972	9/18/72	7.29	2,570
1952	3/12/52	6.81	1,930	1973	4/21/73	12.85	16,500
1953	2/20/53	7.23	2,350	1974	10/2/73	7.99	2,840
1954	4/25/54	4.84	756	1975	3/19/75	8.14	3,190
1955	2/20/55	7.17	2,270	1976	3/05/76	7.75	2,780
1956	6/21/56	4.50	590	1977	2/24/77	6.05	1,410
1957	2/10/57	6.20	800	1978	7/02/78	6.62	1,840
1958	2/26/58	5.31	320	1979	3/19/79	7.72	2,600
1959	3/20/59 ¹	7.85	3,020	1981	12/25/80	4.19	431
1960	3/30/60	8.15	3,400				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05432300							
Station name	Rock Branch near Mineral Point, Wis.						
Location	Lat 42°50'02", long 90°09'15", in SE 1/4 sec.8, T.4 N., R.3 E., Iowa County, at box culvert on State Highway 23, 2.5 mi south of Mineral Point.						
1959	4/--/59	14.52	730	1974	3/04/74	11.73	210
1960	3/29/60	16.14	1,160	1975	3/22/75	12.03	250
1961	3/26/61	12.54	330	1976	3/12/76	12.28	290
1962	11/2/61	13.58	520	1977	7/18/77	13.20	450
1963	3/17/63	12.67	350	1978	7/01/78	13.00	410
1964	4/02/64	11.04	135	1979	8/10/79	11.23	145
1965	3/01/65	12.82	380	1980	2/06/80	11.40	160
1966	2/08/66	12.45	315	1981	8/28/81	14.20	670
1967	1/24/67	16.19	1,180	1982	2/28/82	11.40	160
1968	1/31/68	11.70	210	1983	2/10/83	11.41	161
1969	6/29/69	12.92	400	1984	7/10/84	12.79	375
1970	5/12/70	11.10	130	1985	2/25/85	11.57	185
1971	3/27/71	11.28	150	1986	--	--	<100
1972	8/11/72	13.75	570	1987	--	--	<100
1973	3/07/73	12.09	260	1988	--	--	<100

Station number 05432500

Station name Pecatonica River at Darlington, Wis.
 Location Lat 42°40'40", long 90°07'07", in NE 1/4 sec.3, T.2 N., R.3 E., Lafayette
 County, Hydrologic Unit 07090003, on right bank in Darlington, 0.3 mi
 downstream from Vinegar Branch, and 3.6 mi upstream from Otter Creek.

1937	2/21/37	17.60	--	1964	4/03/64	9.53	1,510
1940	8/27/40	11.00	1,930	1965	3/02/65	14.70	4,540
1941	3/23/41	11.05	1,910	1966	2/09/66	16.00	5,000
1942	8/02/42	14.96	3,460	1967	1/25/67	16.47	6,000
1943	3/16/43	15.73	5,780	1968	2/01/68	9.37	1,470
1944	3/15/44	15.26	6,020	1969	6/30/69	19.16	16,000
1945	6/30/45	11.39	2,040	1970	3/04/70	9.23	1,120
1946	1/06/46	17.18	8,300	1971	3/15/71	12.36	2,180
1947	6/14/47	14.05	3,860	1972	3/17/72	11.57	1,830
1948	2/28/48	17.65	9,540	1973	12/31/72	12.83	2,440
1949	3/05/49	14.70	5,240	1974	3/04/74	14.36	3,980
1950	7/16/50	20.71	22,000	1975	3/22/75	15.64	6,030
1951	7/08/51	16.61	7,750	1976	3/05/76	12.50	2,250
1952	3/19/52	13.38	3,650	1977	7/20/77	13.49	2,930
1953	2/20/53	17.47	8,380	1978	6/18/78	14.61	4,330
1954	6/22/54	15.79	6,930	1979	3/20/79	12.33	2,160
1955	2/21/55	13.05	3,340	1980	3/17/80	12.70	2,360
1956	3/03/56	10.70	1,500	1981	9/02/81	13.58	2,820
1957	1/22/57	9.06	1,450	1982	3/17/82	13.16	2,700
1958	2/25/58 ¹	10.05	1,600	1983	2/20/83	10.57	1,450

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05432500--Continued							
1959	4/01/59	17.16	10,700	1984	6/10/84	10.06	1,300
1960	3/30/60	16.06	7,770	1985	2/22/85	14.75	4,030
1961	3/26/61	12.58	2,930	1986	3/20/86	13.18	2,420
1962	11/3/61	12.59	2,940	1987	10/4/86	6.19	531
1963	3/17/63	15.38	6,300	1988	2/01/88	7.53	630
Station number 05433000							
Station name		East Branch Pecatonica River near Blanchardville, Wis.					
Location		Lat 42°47'10" long 89°51'40", in SE 1/4 sec. 26, T.4 N., R.5 E., Lafayette County, Hydrologic Unit 07090003, on left bank at downstream side of bridge on State Highway 78, 1.8 mi south of Blanchardville, and 4.5 mi upstream from Sawmill Creek.					
1940	8/27/40	9.76	965	1964	8/21/64	9.25	744
1941	3/23/41	11.34	1,310	1965	3/02/65	14.96	5,800
1942	8/02/42	12.98	2,550	1966	2/09/66	14.71	4,500
1943	3/16/43	14.04	5,450	1967	1/25/67	13.80	4,810
1944	3/15/44	14.00	5,440	1968	6/27/68	8.47	587
1945	6/29/45	11.24	1,690	1969	6/26/69	13.04	2,260
1946	1/06/46	14.37	6,500	1970	9/24/70	6.89	409
1947	6/13/47	12.12	2,980	1971	3/15/71	10.14	1,020
1948	2/28/48	15.74	11,700	1972	3/18/72	11.85	1,380
1949	3/05/49	13.18	4,260	1973	2/02/73	12.50	2,380
1950	7/17/50	15.73	7,150	1974	3/04/74	12.91	2,920
1951	4/29/51 ¹	10.06	1,070	1975	3/22/75	13.65	3,320
1952	3/19/52	12.62	3,250	1976	3/05/76	13.04	2,500
1953	2/20/53	15.25	8,750	1977	7/19/77 ¹	12.48	1,750
1954	6/22/54	13.10	3,300	1978	7/02/78	12.75	2,110
1955	10/11/54 ¹	11.29	1,830	1979	3/24/79	11.16	1,310
1956	3/07/56 ¹	9.80	1,070	1980	3/17/80	12.40	2,010
1957	6/11/57	12.96	2,820	1981	8/28/81	13.16	2,510
1958	2/25/58	11.90	1,700	1982	3/13/82	12.24	1,890
1959	4/01/59	15.61	9,680	1983	12/3/82	10.84	1,190
1960	3/30/60	14.81	6,960	1984	7/11/84	12.75	2,320
1961	3/26/61	12.86	2,900	1985	2/23/85	12.68	1,800
1962	3/26/62	10.37	1,040	1986	3/19/86	11.60	1,450
1963	3/18/63	13.29	3,600	1988	1/31/88	8.73	610

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05433500

Station name Yellowstone River near Blanchardville, Wis.
Location Lat 42°46'55", long 89°59'50", in NE 1/4 sec.34, T.4 N., R.4 E., Lafayette County, 0.6 mi upstream from bridge on County Trunk Highway F, 7.0 mi west-southwest of Blanchardville.

1955	2/20/55	9.50	1,740	1972	1/10/72	9.20	1,610
1956	2/26/56	5.98	539	1973	3/07/73	9.51	1,750
1957	6/11/57	9.65	1,820	1975	3/22/75	9.68	1,840

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 05433500--Continued

1958	2/24/58	8.55	1,320	1976	3/12/76	9.18	1,590
1959	4/01/59	10.00	2,000	1977	2/24/77	8.29	1,220
1960	3/29/60	10.47	2,240	1978	7/20/78	9.96	1,850
1961	2/22/61	8.53	1,310	1979	3/19/79	4.27	243
1962	10/29/61	9.13	1,560	1980	9/08/80	9.80	2,600
1963	3/16/63	9.70	1,000	1981	8/28/81	10.45	4,500
1964	8/20/64	9.30	1,650	1982	8/04/82	9.58	2,450
1965	9/04/65	9.64	1,820	1983	2/16/83	7.17	695
1966	2/08/66	9.51	1,750	1984	9/25/84	7.61	800
1967	1/24/67	10.25	2,140	1985	2/21/85	8.93	1,450
1968	1/31/68	7.69	982	1986	3/16/86	4.56	275
1969	6/26/69	9.97	1,985	1987	3/01/87	2.72	92
1970	3/03/70	2.99	100	1988	1/31/88	3.32	144
1971	2/19/71	4.76	300				

Station number 05434200

Station name Skinner Creek tributary near Monroe, Wis.

Location Lat 42°38'25", long 89°37'52", in S 1/2 sec.14, T.2 N., R.7 E., Green County,
at culvert on State Highway 69, 2.4 mi north of Monroe.

1959	3/20/59	14.24	10	1970	3/03/70	10.88	22
1960	3/29/60	13.44	118	1971	3/28/71	11.35	36
1961	3/26/61	11.40	38	1972	3/11/72	10.95	24
1962	3/29/62	11.89	55	1973	5/08/73	12.54	80
1963	3/18/63	10.75	18	1974	3/04/74	12.15	64
1964	3/13/64	11.01	26	1975	3/22/75	12.24	68
1965	3/31/65	11.77	50	1976	5/17/76	12.62	82
1966	2/08/66	12.16	65	1977	2/24/77	11.31	35
1967	3/24/67	12.15	64	1978	7/01/78	14.08	145
1968	8/20/68	10.30	7	1979	3/20/79	11.19	32
1969	6/29/69	11.38	38	1980	4/03/80	11.01	26

Station number 05434500

Station name Pecatonica River at Martintown, Wis.

Location Lat 42°30'34", long 89°47'58", in SE 1/4 sec.32, T.1 N., R.6 E., Green
County, Hydrologic Unit 07090003, on right bank about 400 ft downstream
from highway bridge in Martintown, 0.3 mi upstream from Wisconsin-
Illinois State line, and 8.8 mi downstream from Skinner Creek.

1916	3/27/16	20.80	14,000	1964	4/04/64	9.38	2,080
1940	8/26/40	13.11	3,680	1965	3/04/65	19.94	11,300
1941	3/24/41	14.88	5,820	1966	2/12/66	17.47	5,600
1942	8/04/42 ¹	15.66	5,660	1967	3/27/67	15.70	6,090
1943	3/18/43	17.12	7,900	1968	2/03/68	10.11	1,810
1944	2/28/44	16.48	7,240	1969	7/01/69	21.46	15,100

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05434500--Continued							
1945	6/28/45	13.67	4,700	1970	3/06/70	10.23	2,060
1946	1/07/46	18.77	11,000	1971	2/27/71 ¹	15.12	4,600
1947	6/16/47	14.78	5,520	1972	3/20/72	14.23	3,970
1948	2/29/48	20.24	13,400	1973	5/05/73	15.84	5,690
1949	3/08/49	17.86	6,000	1974	3/06/74	16.37	6,420
1950	3/09/50 ¹	18.12	9,360	1975	3/24/75	20.57	12,900
1951	7/11/51	18.56	8,580	1976	3/08/76	14.45	3,880
1952	3/13/52	16.52	7,250	1977	7/24/77 ¹	12.05	2,510
1953	2/23/53	18.80	10,600	1978	6/21/78	15.13	4,490
1954	6/25/54	13.12	4,180	1979	3/23/79	15.82	5,670
1955	2/21/55 ¹	13.40	3,700	1980	3/19/80	13.51	3,470
1956	2/29/56	12.00	2,280	1981	9/06/81	14.56	4,130
1957	6/15/57	11.31	2,720	1982	3/17/82	16.78	5,780
1958	2/27/58	14.90	4,300	1983	2/23/83	12.47	2,860
1959	4/03/59	20.23	14,200	1984	6/18/84	11.72	2,530
1960	4/01/60	19.55	12,800	1985	2/25/85	18.79	8,660
1961	3/28/61	15.14	5,570	1986	3/23/86	15.22	4,770
1962	3/29/62	15.22	4,890	1987	8/27/87	7.81	1,300
1963	3/20/63	18.51	9,160	1988	2/03/88	11.38	1,940

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05435900

Station name Sugar River tributary near Pine Bluff, Wis.

Location Lat 43°02'48", long 89°38'42", in SE 1/4 sec.27, T.7 N., R.7 E., Dane County,
at culvert on County Trunk Highway J, 1.1 mi southeast of Pine Bluff.

1961	3/24/61	14.68	420	1975	6/25/75	13.14	210
1962	3/25/62	11.30	55	1976	3/12/76	13.56	255
1963	3/27/63	11.43	62	1977	7/18/77	13.57	250
1964	6/22/64	11.19	48	1978	6/17/78	12.74	130
1965	3/01/65	14.03	330	1979	8/18/79	11.79	68
1966	2/08/66	13.65	275	1980	4/09/80	13.38	235
1967	1/24/67	15.02	460	1981	2/22/81	12.32	100
1968	1/29/68	11.53	77	1982	2/25/82	14.09	300
1969	3/18/69	11.99	110	1983	11/1/82	11.48	75
1970	3/03/70	11.79	95	1984	7/10/84	15.55	450
1971	3/14/71	12.00	110	1985	12/28/84	12.39	140
1972	3/12/72	13.44	165	1986	10/24/85	11.79	95
1973	3/07/73	12.66	165	1987	--	--	<30
1974	6/09/74	13.87	280	1988	--	--	<30

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05436000							
Station name	Mount Vernon Creek near Mount Vernon, Wis.						
Location	Lat 42°55'20", long 89°37'30", in NW 1/4 SW 1/4 sec.12, T.5 N., R.7 E., Dane County, on right bank about 480 ft downstream from bridge on State Highway 92, 0.9 mi upstream from West Branch Sugar River, and 2.5 mi southeast of Mount Vernon.						
1955	2/20/55	5.83	471	1963	3/16/63	5.54	263
1956	2/24/56	5.40	230	1964	3/13/64	2.54	71
1957	6/13/57	5.12	164	1965	3/02/65	5.68	306
1958	2/24/58	5.90	528	1976	3/05/76	6.13	328
1959	4/01/59	6.32	940	1977	7/18/77	5.45	196
1960	3/30/60 ¹	6.28	900	1978	7/01/78	5.00	184
1961	3/24/61	6.20	522	1979	8/20/79	4.08	138
1962	11/16/61	3.95	128	1980	3/16/80	5.15	224

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05436200

Station name Gill Creek near Brooklyn, Wis.
Location Lat 42°49'38", long 89°26'43", in NW 1/4 sec.16, T.4 N., R.9 E., Green County, at culvert on State Highway 92, 4.3 mi west of Brooklyn.

1961	10/31/60	13.20	105	1975	3/22/75	13.04	95
1962	10/30/61	13.46	120	1976	5/17/76	12.42	67
1963	3/19/63	12.96	90	1977	2/24/77	12.52	70
1964	3/13/64	12.32	62	1978	6/17/78	13.25	107
1965	3/31/65	15.06	270	1979	8/10/79	12.99	92
1966	2/08/66	13.62	130	1980	4/08/80	12.70	78
1967	6/16/67	14.61	210	1981	6/16/81	14.31	230
1968	6/26/68	12.72	80	1982	4/04/82	13.67	130
1969	7/26/69	12.99	92	1983	11/1/82	12.40	65
1970	5/12/70	11.80	45	1984	4/29/84	13.79	140
1971	8/14/71	11.50	35	1985	9/09/85	13.61	150
1972	4/22/72	12.92	90	1986	9/12/86	12.73	80
1973	3/07/73	13.90	150	1987	8/17/87	11.80	105
1974	6/09/74	13.20	110	1988	1/31/88	11.40	32

Station number 05436500

Station name Sugar River near Brodhead, Wis.
Location Lat 42°36'42", long 89°23'53", in SW 1/4 sec.26, T.2 N., R.9 E., Green County, Hydrologic Unit 07090004, on left bank at downstream side of highway bridge, 1.2 mi southwest of Brodhead, and 1.9 mi upstream from Sylvester Creek.

1914	9/15/14	8.98	7,670	1952	3/19/52	7.52	4,380
1915	9/13/15	11.40	14,800	1953	2/21/53	9.30	8,500
1916	3/26/16	9.30	8,500	1954	7/09/54	4.55	1,760
1917	6/13/17	7.20	3,310	1955	2/21/55	7.51	4,400

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05436500--Continued							
1918	3/14/18 ¹	8.27	5,900	1956	4/29/56 ¹	2.41	775
1919	3/16/19	9.20	9,100	1957	6/14/57	2.55	826
1920	3/12/20	6.50	2,890	1958	2/27/58	6.22	2,830
1921	9/24/21	3.90	1,110	1959	4/02/59	8.80	7,150
1922	2/23/22	9.78	10,000	1960	3/31/60	9.72	10,200
1923	4/04/23	8.70	7,580	1961	3/26/61	6.74	3,340
1924	6/26/24	5.70	2,380	1962	3/26/62	6.30	2,810
1925	2/10/25	5.40	2,150	1963	3/18/63	7.65	4,800
1926	3/20/26	5.30	2,140	1964	3/15/64	3.05	966
1927	2/06/27	7.70	4,650	1965	3/03/65	8.24	5,500
1928	3/13/28	7.60	4,440	1966	2/10/66	7.98	5,260
1929	3/14/29	10.00	11,400	1967	3/26/67	6.69	3,200
1930	2/21/30	7.40	4,080	1968	11/4/67	4.08	1,430
1931	9/28/31	2.85	823	1969	6/30/69	7.21	2,980
1932	3/27/32	7.38	4,350	1970	3/06/70	2.91	880
1933	3/31/33	9.06	7,940	1971	2/22/71	6.66	2,100
1934	4/04/34	3.22	943	1972	3/13/72	5.23	1,720
1935	3/12/35 ¹	5.58	2,180	1973	3/08/73	7.42	3,840
1936	3/12/36	6.20	2,630	1974	3/04/74	8.13	5,450
1937	3/05/37 ¹	9.37	8,780	1975	3/22/75	9.76	8,530
1938	2/06/38	9.90	7,290	1976	3/07/76	6.43	2,480
1939	1/07/39	6.12	2,540	1977	2/26/77	5.05	1,400
1940	8/26/40	7.80	4,480	1978	7/02/78	7.74	4,410
1941	3/23/41	6.60	2,990	1979	3/21/79	6.61	2,720
1942	8/04/42	4.52	1,530	1980	1/18/80	4.51	1,540
1943	3/16/43	9.86	7,000	1981	2/24/81	4.73	1,630
1944	3/15/44	7.90	5,040	1982	3/14/82	7.89	3,940
1945	3/06/45	3.40	1,060	1983	4/04/83	5.19	1,880
1946	1/06/46	9.10	7,640	1984	7/13/84	5.60	2,160
1947	6/15/47	4.84	1,830	1985	2/24/85	8.13	4,290
1948	2/28/48	9.80	10,000	1986	3/20/86	5.42	2,010
1949	3/06/49	7.63	4,380	1987	10/1/86	4.73	1,490
1950	7/18/50	8.21	5,700	1988	2/02/88	5.27	1,920
1951	2/28/51	5.68	2,400				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05437200

Station name East Fork Raccoon Creek tributary near Beloit, Wis.
Location Lat 42°30'44", long 89°06'40", 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 west of
 Beloit.

1958	3/--/58	10.90	35	1974	6/21/74	14.51	540
1959	3/19/59	13.83	400	1975	3/22/75	13.41	325
1960	1/14/60	12.85	250	1976	3/12/76	12.26	155
1961	9/14/61	12.03	130	1977	2/24/77	12.25	154

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05437200--Continued							
1962	6/09/62	11.67	90	1978	6/25/78	15.35	690
1963	3/19/63	11.86	110	1979	8/18/79	12.02	130
1964	3/13/64	11.24	52	1980	6/15/80	11.60	85
1965	3/31/65	12.57	225	1981	4/11/81	10.60	20
1966	2/09/66	11.93	120	1982	4/03/82	14.73	565
1967	3/23/67	11.61	85	1983	10/9/82	12.17	145
1968	6/26/68	10.86	25	1984	5/25/84	12.08	135
1969	6/29/69	10.94	29	1985	5/15/85	13.01	130
1971	2/19/71	12.08	140	1986	3/05/86	12.42	160
1972	8/02/72	12.32	160	1987	8/27/87	11.32	60
1973	7/04/73	13.55	350	1988	4/06/88	11.89	115

Station number 05543830

Station name Fox River at Waukesha, Wis.

Location Lat 43°00'17", long 88°14'37", in SW 1/4 sec.3, T.6 N., R.18 E., Waukesha County, Hydrologic Unit 07120006, on left bank 20 ft downstream from Prairie Street bridge in Waukesha, 1.0 mi downstream from dam, and 3.2 mi downstream from Pewaukee River.

1960	4/01/60	8.00	2,500	1976	3/05/76	5.51	1,080
1964	5/07/64	4.53	644	1977	7/07/77	3.93	379
1965	3/06/65	5.79	1,240	1978	5/15/78	5.44	910
1966	2/11/66	5.41	1,040	1979	3/20/79	6.09	1,270
1967	6/12/67	3.86	369	1980	8/19/80	4.58	569
1968	6/29/68	4.41	542	1981	4/13/81	5.42	900
1969	6/29/69	5.79	1,220	1982	4/05/82	5.49	965
1970	5/12/70	4.63	660	1983	4/04/83	5.98	1,060
1971	3/01/71	4.87	660	1984	2/15/84	4.59	562
1972	9/18/72	6.06	1,150	1985	2/26/85	4.81	646
1973	4/22/73	7.42	2,260	1986	9/28/86	5.61	955
1974	3/05/74	6.27	1,520	1987	6/21/87	4.78	653
1975	3/22/75	5.77	1,200	1988	2/01/88	5.18	793

Station number 05544200

Station name Mukwonago River at Mukwonago, Wis.

Location Lat 42°51'24", long 88°19'40", in NE 1/4 NE 1/4 sec.35, T.5 N., R.18 E., Waukesha County, Hydrologic Unit 07120006, on left bank 100 ft upstream from bridge on State Highway 83 in Mukwonago, 100 ft downstream from railroad bridge, and 800 ft downstream from dam.

1974	3/03/74	2.45	292	1983	4/05/83	3.09	173
1977	8/19/77	1.94	140	1984	2/17/84	2.77	145
1978	5/15/78	2.42	235	1985	12/4/84	2.97	209
1979	4/26/79	2.47	274	1986	9/29/86	3.55	278
1980	6/06/80	2.09	184	1987	4/03/87	3.00	201

Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 05544200--Continued

1981	12/11/80	2.21	219	1988	2/02/88	2.82	165
1982	4/06/82	3.09	225				

Station number 05544300

Station name Mukwonago River tributary near Mukwonago, Wis.
 Location Lat 42°50'58", long 88°19'02", in S 1/2 sec.36, T.5 N., R.18 E., Waukesha County, at culvert on State Highway 83, 1.5 mi southeast of Mukwonago.

1960	3/30/60	10.80	36	1973	4/21/73	10.89	31
1961	3/21/61	10.00	13	1974	3/03/74	11.28	50
1962	3/27/62	10.03	14	1975	3/28/75	11.16	44
1964	3/13/64	10.53	26	1976	3/06/76	11.39	56
1965	9/09/65	10.07	14	1977	8/28/77	10.22	11
1966	2/09/66	10.47	24	1978	9/17/78	11.35	58
1967	1/24/67	10.66	30	1979	3/19/79	11.50	60
1968	6/26/68	11.06	48	1980	6/07/80	11.46	58
1969	6/29/69	11.43	66	1981	8/29/81	10.85	10
1971	2/19/71	11.13	30				

Station number 05545100

Station name Sugar Creek at Elkhorn, Wis.
 Location Lat 42°41'05", long 88°30'50", in SW 1/4 sec.29, T.3 N., R.17 E., Walworth County, at culvert on State Highway 11, 2.0 mi northeast of Elkhorn.

1962	3/25/62	11.54	125	1976	3/06/76	12.70	190
1963	3/19/63	10.65	55	1977	7/18/77	11.35	65
1964	4/05/64	10.35	37	1978	7/01/78	12.46	165
1965	9/10/65	10.66	56	1979	3/19/79	12.65	185
1966	2/09/66	11.74	145	1980	6/06/80	11.74	92
1967	6/10/67	11.48	122	1981	2/22/81	12.53	170
1968	6/26/68	10.87	73	1982	4/03/82	13.54	295
1969	7/18/69	11.52	125	1983	4/02/83	12.95	220
1970	5/13/70	11.15	95	1984	4/29/84	11.87	100
1971	2/19/71	12.82	150	1985	2/25/85	12.45	160
1972	4/16/72	12.57	225	1986	3/09/86	12.70	190
1973	4/21/73	17.47	900	1987	4/15/87	11.57	95
1974	3/04/74	13.60	315	1988	1/31/88	12.30	145
1975	3/22/75	11.68	87				

Station number 05545200

Station name White River tributary near Burlington, Wis.
 Location Lat 42°41'03", long 88°21'37", on common boundary of secs.27 and 34, T.3 N., R.18 E., Walworth County, at box culvert on State Highway 11, 4.5 mi west of Burlington.

1958	10/--/57	10.60	40	1974	3/04/74	11.30	75
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Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
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Station number 05545200--Continued

1959	3/--/59	15.42	100	1975	3/19/75	11.78	105
1960	7/03/60	13.46	235	1976	8/14/76	11.13	65
1961	9/14/61	11.42	80	1977	7/18/77	11.28	70
1962	3/26/62	11.01	57	1978	7/01/78	11.87	110
1963	3/19/63	10.82	50	1979	3/19/79	11.18	66
1964	6/23/64	10.82	50	1980	6/06/80	11.51	87
1965	9/09/65	11.25	70	1981	2/22/81	11.68	95
1966	10/21/65	13.35	225	1982	4/03/82	13.10	205
1967	6/17/67	13.20	215	1983	12/2/82	12.67	170
1968	7/18/68	11.03	58	1984	9/25/84	11.49	85
1969	7/18/69	12.62	167	1985	2/25/85	11.49	85
1970	10/10/69	10.51	35	1986	8/07/86	12.87	185
1971	2/19/71	11.77	100	1987	8/17/87	11.39	80
1972	3/17/72	12.48	155	1988	1/20/88	11.19	80
1973	4/21/73	14.10	290				

Station number 05545300

Station name White River near Burlington, Wis.

Location Lat 42°39'57", long 88°19'03", in NE 1/4 NW 1/4 sec.1, T.2 N., R.18 E., Walworth County, on right bank 10 ft downstream from bridge on State Highway 36, 2.2 mi southwest of Burlington and 3.4 mi upstream from mouth.

1959	3/--/59	12.64	800	1971	2/19/71	12.42	1,140
1960	3/30/60	13.49	1,900	1972	4/21/72	12.43	1,140
1961	3/21/61	11.31	480	1973	4/21/73	13.72	1,470
1962	3/26/62	11.89	790	1974	3/03/74	13.14	1,080
1963	3/19/63	10.96	420	1975	3/19/75	12.57	798
1964	3/13/64	10.58	350	1976	5/05/76	13.25	1,140
1965	4/03/65	11.52	560	1977	3/29/77	10.15	258
1966	10/21/65	13.43	1,850	1978	7/22/78	12.72	722
1967	6/17/67	13.20	1,690	1979	3/19/79	12.86	771
1968	7/18/68	11.23	467	1980	2/23/80	11.09	380
1969	7/18/69	13.59	1,960	1981	12/7/80	11.78	492
1970	5/13/70	11.36	500	1982	7/22/82	13.62	1,110

Station number 05546500

Station name Fox River at Wilmot, Wis.

Location Lat 42°30'40", long 88°10'45", in SW 1/4 sec.30, T.1 N., R.20 E., Kenosha County, Hydrologic Unit 07120006, on right bank 100 ft downstream from bridge on County Trunk Highway C, 300 ft upstream from Wilmot Dam, 1.0 mi north of Wisconsin-Illinois State line, and 6.0 mi upstream from Fox Chain of Lakes.

1940	8/29/40	7.84	3,150	1965	4/07/65	7.28	2,880
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Table 6. Annual peak data at gaging stations--Continued

Water year	Date	Gage height	Discharge	Water year	Date	Gage height	Discharge
Station number 05546500--Continued							
1941	3/23/41	7.28	2,130	1966	2/11/66	7.54	3,310
1942	3/18/42	6.92	1,610	1967	6/14/67	6.91	2,380
1943	3/17/43	8.70	5,700	1968	7/01/68	6.60	1,990
1944	3/16/44	7.60	3,100	1969	7/03/69	6.80	2,260
1945	6/29/45	6.81	2,130	1970	6/04/70	6.46	1,840
1946	1/07/46	7.90	4,170	1971	3/01/71	7.36	3,010
1947	6/03/47	6.90	2,070	1972	9/23/72	7.65	3,280
1948	3/21/48	8.30	5,000	1973	4/23/73	7.65	6,530
1949	3/10/49	7.01	2,400	1974	3/10/74	8.04	3,950
1950	3/29/50	7.00	2,400	1975	3/24/75	7.35	2,840
1951	3/01/51	7.59	3,660	1976	3/06/76	7.90	3,700
1952	3/20/52	7.73	4,010	1977	3/31/77	5.65	1,120
1953	2/24/53	6.60	1,780	1978	3/31/78	6.93	2,340
1954	6/05/54	6.70	2,050	1979	3/27/79	8.56	5,010
1955	6/13/55	6.54	1,810	1980	8/20/80	6.27	1,650
1956	5/12/56	6.35	1,680	1981	4/12/81	6.83	2,230
1957	6/15/57	5.95	1,350	1982	4/05/82	7.79	3,510
1958	2/28/58	5.70	1,010	1983	4/04/83	8.08	4,020
1959	3/21/59	7.28	3,010	1984	2/18/84	6.98	2,400
1960	3/31/60	9.25	7,520	1985	3/03/85	7.61	3,220
1961	3/23/61	6.77	2,220	1986	3/13/86 ¹	7.84	3,600
1962	3/27/62	7.92	4,060	1987	10/2/86	7.96	3,810
1963	3/26/63	5.86	1,290	1988	2/01/88	6.97	2,390
1964	4/07/64	5.82	1,260				

¹ Annual peak gage height occurred at a time different than the annual peak discharge.

Station number 05548150

Station name North Branch Nippersink Creek near Genoa City, Wis.

Location Lat 42°30'15", long 88°23'01", in E 1/2 sec.32, T.1 N., R.18 E., Walworth County, at bridge on County Trunk Highway B, 3.0 mi west of Genoa City.

1962	3/25/62	10.69	112	1978	7/01/78	11.31	164
1965	3/31/65	10.77	120	1979	4/26/79	11.66	200
1966	2/09/66	11.34	175	1980	9/12/80	11.01	135
1967	6/17/67	12.05	255	1981	4/11/81	10.70	110
1969	7/18/69	11.53	187	1982	3/13/82	12.14	260
1970	9/17/70	11.49	182	1983	12/3/82	12.64	328
1971	2/19/71	12.57	315	1984	9/25/84	11.83	220
1972	9/19/72	11.62	196	1985	2/25/85	10.65	105
1973	12/30/72	11.99	240	1986	3/09/86	12.97	375
1974	3/04/74	11.84	222	1987	4/22/87	10.57	110
1975	3/22/75	11.47	180	1988	1/19/88	10.97	130
1976	3/03/76	11.66	202				



