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DEPARTMENT OF ENVIRONMENTAL PROTECTION

WATER RESOURCES BULLETIN 7A

UPB7

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EXECUTIVE SUMMARY

The Water Resources Bulletin No. 7, “Long-Duration Low Flow of Pennsylvania Streams” (B-7), was published in 1972. The purpose of this publication was to develop low-flow frequency relationships for durations ranging from 2 to 60 months and yield-storage-frequency relationships for gauged watersheds in Pennsylvania. The B-7 is used in engineering applications to:

1. Estimate the net yield of an existing reservoir of known capacity for a given return period; and to

2. Determine the required storage for a given yield and a given return period.

In using the State Water Resources Plan, which was developed by the State Water Plan Division, Bureau of Water Resources Management, we found that applications of B-7 failed in small reservoirs when their critical duration is less than two months and/or the yield is less than 10% of mean flow. In such applications, the yield-storage-frequency relationships cannot be found in the B-7 charts. To make yield analysis for small reservoirs successful:

1. The lower limit of low-flow duration and the lower limit of yield as percent of mean flow should be reduced.

2. The streamflow needs to be updated (it has been more than 20 years since the B-7 was published). The generated synthetic flow is directly proportional to the mean flow, therefore, the streamflow record should be checked and updated.

3. Daily flow instead of monthly flow should be used to obtain the spike phenomena occurring in nature.

Under a service contract between the Bureau of Water Resources Management and the Department of Civil Engineering, Carnegie-Mellon University (CMU), the CMU conducted a multipurpose evaluation of the water resources system of the Monongahela River Basin. A low-flow Assessment Model called MONSIM was developed in Pascal as a pilot model for updating the B-7 in the Monongahela River Basin. The Synthetic Flow Generation Model (UPB7 Model) written in Fortran was developed by the author based on the MONSIM Model with some modifications in input data, assumptions and procedure. The UPB7 and MONSIM models use low-flow durations ranging from 0.5 month to 60 months and the lower limit of yield as percent of mean flow goes down to 1%. These modifications in range of durations and yields as percent of mean flow should allow engineers to analyze most of the small water supply reservoirs in Pennsylvania. Both the B-7 and UPB7 used the United States Geological Service's (USGS) streamflow data. However, the B-7 used the streamflow records up to 1968 and the UPB7 used the streamflow records up to 1989. The average of mean flow has gone up approximately 3.47% in 21 years (see Table 1). The more years of streamflow records used, the more realistic the results should be.

Daily flow data was used in the UPB7 and MONSIM models to simulate and reproduce the spike phenomena occurring in nature instead of monthly mean flow as used in the B-7.

The UPB7 Model is able to generate the synthetic long-term streamflow for a group of reasonably correlated gauged stations in any region in Pennsylvania. All of the 353 recorded gauged stations were screened based on length and duration of recorded years, hydrological, topographical, geological similarities. Finally, 47 groups consisting of 196 gauged stations were selected in this report.

The investigation of 86 cases in Pennsylvania showed that the yield of reservoirs, excluding the conservation releases, in the UPB7 model is in average about 6.9% higher than that in the B-7 model (see TABLE 3). These results seem to be reasonable for the following reasons:

1. The mean streamflow for the records used in the UPB7 is in average about 3.47% higher than that in the B-7. The generated flow is directly proportional to the mean flow.

2. The spike effect in nature tends to make generated flow higher. A computer program "S/B7/UPDATE/ANNUAL" run by "J/B7/UPDATE/A2" was developed to evaluate the reservoir yield and capacity analysis (see Appendix 6, page 6-1 to 6-13).

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I. INTRODUCTION

A. Need for Updating Water Resources Bulletin No. 7

1. The lower limit of low flow duration needs to be reduced

The Water Resources Bulletin No.7 (B-7) ,"Long-Duration Low Flow of Pennsylvania Streams," first published in 1972, developed low-flow frequency relationships for durations ranging from 2 to 60 months and yield-storage-frequency relationships for gauged watersheds in Pennsylvania. The yield-storage-frequency relationships are the final products of the B-7 which are essential in reservoir yield and capacity analysis. The B-7 is used in engineering applications to:

a. Estimate the net yield of an existing reservoir of known capacity for a given return period.

b. Determine the required storage capacity for a given yield and a given return period. However, the application of the B-7 failed in small reservoirs when their critical duration is less than two months and/or the yield as percent of mean flow are less than 10%. In such applications, the yield-storage frequency relationships cannot be found in the developed chart. Many water supply reservoirs in Pennsylvania are small and their yields are less than 10% of the mean flow. In these cases, the B-7 cannot be used for the yield analysis. During drought conditions, frequently a small water company with a small reservoir encounters a yield problem. It is vitally important in the drought management that a reliable methodology with updated data is available to evaluate the yield of a small reservoir and help identify the drought problem. In order to make yield analysis for small reservoirs successful, it is necessary that the lower limit of low-flow duration and the lower limit of yield as percent of mean flow also be reduced.

2. Streamflow record needs to be updated.

Streamflow record is the most important data required in developing a synthetic flow generating model. The reliability of a generated synthetic flow from a model is solely dependent on the streamflow records. The B~7 and UPB7 both used the USGS's streamflow data. However, the period of records for the UPB7 is 21 years longer than that of the B-7. The B-7 used the streamflow records up to 1968 and the UPE7 used the streamflow records up to 1989.

As shown in Table 1, the average of mean flow excluding several regulated gauged stations has gone up approximately 3.47% in 21 years. The more years of streamflow records used, the more realistic the results should be. The mean flow of a gauged station is a vitally important parameter in both of the B-7 and the UPB7 stochastic models. The generated synthetic flow is

directly proportional to its mean flow. This implies that the streamflow records used in the B-7 need to be updated in order to obtain a more reliable model generated synthetic flow.

3. Daily flow vs. monthly flow

Flow data can be input to a model as either daily flow or monthly flow. Using monthly flow as an input to a model tends to reduce the computer workload, however, it tends to lose natural flow characteristics such as instantaneous variations in flow and the spike phenomena. Using daily flow as an input to a model will definitely increase the computer workload, however, the variation in flow and the *spike* phenomena should be reproduced better than using monthly flow. The B-7 used monthly flow data to reduce the computer workload and accordingly, the computer time. It was an important factor to be *considered* in early 1970. However, it is not a large concern any more with today's computer technology. Therefore, the UPB7 used daily flow data to obtain a better simulation of natural streamflow

B. Models

1. Low-Flow Assessment Model

Under the service contracts in 1983 and in 1985 between the Bureau of Water Resources Management and CMU. CMU conducted a multipurpose evaluation of the water resources system of the Monongahela River Basin. A low-flow assessment model called MONSIM was developed in Pascal as a pilot model for updating the B-7 in the Monongahela River Basin.

2. Synthetic Flow Generation Model

The Synthetic Flow Generation Model (UPB7) written in Fortran was developed by the author based on the MONSIM with some modifications in input data, assumptions and procedure (see Section V Discussions and Conclusions). The UPB7 is able to generate a synthetic long-term streamflow for a group of reasonably correlated streamflow stations in any region in Pennsylvania. "Reasonably correlated" means the cross correlation coefficient of the daily flow among a group of stations should be 0.5 or greater. In order to maintain the real situation of the streamflow in a gauged station, the daily flow records obtained from the USGS were not modified. Although some efforts were made to avoid using regulated gaged stations, such as using cross correlation coefficient for controlling and screening the gauged stations, no attempt was made to modify or adjust the streamflow record if a regulated station was used.

3. HEC Model Program F 243100

This model was used in the B-7 to generate the synthetic flow with monthly streamflow input to the model. A limiting value of standard normal variate z = +2.5 was built in to restrict generating unrealistic extreme flows (see B-7).

C. Data Analysis

1. The B-7 used monthly flow and the UPB7 used daily flow.

2. Annual series and partial series are commonly used in flood flow or drought low-flow ranking analysis. If the number of recorded years is equal to the number of ranks and the time interval *is* usually taken as one year, this is called annual series. If the number of recorded years is not necessarily equal to the number of ranks and the time interval is usually greater than one year, this is called partial series.

3. The B-7 used partial series only. The UPB7 used partial series combined with annual series. The USGS low-flow analysis always uses annual series. For easier comparison with USGS low-flow analysis, the annual series was used whenever the durations were less than a year. The partial series was used whenever the duration was greater than a year.

4. The number of gauged stations and the number of groups of gaged stations selected.

B-7: The number of gauged stations selected was 143 and the number of groups of gauged stations selected was 37 (see B-7, Long-Duration Low Flow). UPB7: The number of gauged stations selected was 196 and the number of groups of gauged stations selected was 47 (see Table 2). The grouping of gauged stations was determined based on topographical, hydrological and geological similarities.

5. Shortest period of duration and/or lowest limit of yield as percent of mean flow used

Shortest period of duration used: B-7: 2 month;
UPB7: half-month;
Lowest limit of yield as percent of mean flow used: B-7: 10%
UPB7: 1%

D. Comparison of Results

The investigation of 86 cases throughout Pennsylvania, the yield of reservoirs excluding the conservation releases evaluated from the UPB7 is in average about 6.9% higher than that from the B-7 (see Table 3). These results seem to be reasonable for the following reasons:

1. The mean flow of the streamflow records used in the UPB7 is in average 3.47% higher than that used in the B-7.

2. The spike effect tends to make generated flow higher as shown in the UPB7.

II. STREAMFLOW RECORDS

Streamflow records from more than 300 stations in Pennsylvania are available but vary in length of recorded years. Sampling of gauged stations as well as the collection and processing of historical records are described as follows:

A. Sources of Flow Records

All streamflow records were obtained from the USGS. We obtained the daily streamflow records for a total of 353 gauged stations from the USGS in 1990. Most of the gauged stations records were up to 1989.

B. Selection of Gauging Stations

All of the 353 gauged stations from the USGS were screened down to 196 stations used in the study. The following criteria were applied in the screening process:

1. Stations should be evenly distributed over the entire state and provide adequate space sampling.

2. The recorded years of each station used should preferably be more than 20 years.

3. The sample should include drainage areas of various sizes.

4. The regulated stations should be avoided. However, no attempt to adjust the regulated flow was made in order to maintain the reality of the flow records.

C. Grouping of the Gauged Stations

The grouping of the gauged stations basically consider the topographical, hydrological and/or geological similarities. The cross correlation coefficient among the gauged stations should be equal to or greater than 0.5. There are 47 groups of gauged stations selected in the UPB7 as shown in Table 2.

III. MODEL AND PROCEDURE OF DATA ANAYLSIS

A. Model

The UPB7 written in Fortran language was developed by the author based on the MONSIM written in Pascal by CMU. The theory and principles are the same in both models. However, there are some differences between these two models in input data, assumptions and procedure of data analysis. We chose the MONSIM because their model satisfied the B-7 updating requirements such as using daily flow, shorter low-flow duration, smaller lowest limit of yield as percent of mean flow, and no unique local characteristics parameters. Therefore, this model should be applicable to any region in Pennsylvania.

The theory of both models was developed based on the LT-AR (Log transform and first order autoregressive cyclic) model presented by Hirsch in 1979 (see page 41).

The estimated parameters are for each month at each station:

1. A = [(Min Q) (Max Q) – (Median Q)^2] / [(Min Q) + (Max Q) – 2 (Median Q)] (Stedinger, 1980, see page 41)

   This equation is used to transform the flow value to normal variates as follows, where Q is the recorded daily flow in cfs:

   $y = \log_{10}(Q - A)$ where y is the transformed flow

2. $\bar{y} = (1/n) \sum_{i=1}^{n} y_i$ where $\bar{y}$ is the mean of y and y_i is transformed flow at day i

3. $$S_y = \left[1/(n-1) \sum_{i=1}^{n} (y_i - \bar{y})^2\right]^{\frac{1}{2}}$$

   where Sy is the standard deviation of y, n is the number of observations. The transformed flows y were then converted into standard normal variates by using:

   z = (y – y)/Sy z ~ N(0, 1) is standard normal variates
   mean = 0 and maximum ordinate = 1

   The normal variates were generated by using a multi-variate autoregressive Markov Model of the form as shown in the following:

   $z_{t+1} = [A] * z_t + [B] * V$ (Loucks et al., 1981, see page 41)

   Where $[A] = [C_1] [C_o]$

   $[S] = [B] [B]^T = [C_o] – [C_1] [C_o]^{-1} [C_1]^T$

   where $[C_o]$ = lag-0 correlation coefficient matrix

   $[C_1]$ = lag-1 correlation coefficient matrix

   V = random standard normal vector

$$b_{11} = (s_{11})^{\frac{1}{2}}$$

$$b_{ii} = \left(s_{ii} - \sum_{j=1}^{i-1} b_{ij}^2 \right)^{\frac{1}{2}} \qquad ,i = 2, 3, \ldots, n$$

$$b_{ji} = 0 \qquad ,j < 1$$

$$b_{ji} = s_{ji} - \sum_{k=1}^{i-1} \frac{b_{jk} b_{ik}}{b_{ii}} \qquad ,j = i+1, \ldots, n$$

$$[B] = \begin{bmatrix} b_{11} & 0 & \ldots & 0 \\ b_{21} & b_{22} & 0 & 0 \\ \vdots & \vdots & \vdots & \vdots \\ \cdot & \cdot & \cdot & 0 \\ b_{n1} & \ldots & \ldots & b_{nn} \end{bmatrix}$$

Matalas and Wallis (1976,see page 41) describe this model as a lag-1 model, rather than a Markov model. Lag-1 cross correlations were not included in their Markov model. The monthly lag-0 and lag-1 correlation coefficient matrices of the observed flows among all stations were determined. It should be noted that the seasonal lag-0 and lag-1 correlation coefficient matrices were used by the CMU Model and the monthly lag-0 and lag-1 correlation coefficient matrices were used in the UPB7.

The standard normal variates generated from the above equations were then transformed into streamflows by using:

$$Q_t = 10(z_t * Sy + \overline{y}) + A$$

Where Q_t equals the generated flow in cfs at day t.

B. Procedure of Data Analysis

The synthetic flow generation model consists of 18 computer programs. The first six programs are for generating the 400-year synthetic flow. The next 12 programs perform low-flow frequency analysis, annual and partial series combined ranking and acquisition of the yield storage frequency relationships for each of the gauged stations in any group of stations in Pennsylvania. For the convenience of comparison with the CMU's Monongahela River Basin study, the Subbasin 19 was chosen as an example to illustrate the procedure of data analysis as follows:

1. Selection of Streamflow Stations

   Eight gauged stations in the Monongahela River Basin, which have the USGS streamflow records on our computer tape were selected for analysis. They are listed in Table 4 (see page 36).

2. Data Analysis

   a. Synthetic flow generation

      The following six programs must be executed consecutively in order to obtain a 400-year generated synthetic flow for each gauged station in a group of stations.

(1) S/RPDS501/1

This program is used to reformulate the USGS streamflow records for the convenience of this model analysis (see Appendix 1, pages 1-1 to 1-2).

(2) S/GENERATION/1A

This is a statistical analysis program for synthetic flow generation. It obtains the monthly means, standard deviations, medians, maximums and minimums and the parameter "A" of the observed flow for each station (see page 4). This program also calculates the transformed flow y (the monthly mean of y) the standard deviation (Sy) and normalized flow (z) for each station (see Appendix 1, pages 1-3 to 1-9). This program needs a subroutine MAXMIN (YDMA, MAX, YDMI, MEDIAN,

L) to obtain the maximum, minimum, and median of the flows (see Appendix 1, page 1 - 7 to 1 - 8).

(3)S/GENERATION/2B

This program uses parameter "A", monthly means and the standard deviation of the transformed flows obtained from S/GENERATION/1A to calculate the monthly lag-O and the lag-1 correlation coefficient matrices for the selected eight gauged stations (see Appendix 1, page 1-10 to 1-22). This program needs a subroutine called CORR to obtain the lag-0 and lag-1 correlation coefficient matrices (see Appendix 1, page 1-13 to 1-14). It should be noted that seasonal lag-0 and lag-1 correlation coefficient matrices were used by the MONSIM. As shown in Appendix 1, page 1-16 to 1-22, the lag-0 and lag-1 correlation coefficients of the Connellsville, Sutersville and Youghiogheny Lake stations were so poor (most of them are less than 0.5) that it was decided to eliminate these three gauged stations from further analysis.

(4) S/GENERATION/3A

This program obtains the monthly lag-0 and the lag-1 correlation coefficients, inverse matrices, transpose matrices, [A] and [B] matrices for the five remaining stations (see Appendix 1, page 1-23 to 1-32). This program needs the inverse matrix subroutine called INV(T,N) and the matrix multiplication subroutine MULT(A,B,C,M,N,P) and FACTOR(S,C,N) (see Appendix 1, page 1-27 to 1-28).

(5) S/GENERATION/4A

This program utilizes the output from programs S/GENERATION/3A and S/GENERATION/2B as input to generate a long-term synthetic daily flow Q for each streamflow station (See Appendix 1, page 1-33 to 1-39). The common period of record among the five stations from January 1, 1941 to December 31, 1989 was chosen to generate the synthetic flows for each station. A range of the normalized flow $+2.5 > z > -3.3$ were chosen for the synthetic flow generation. It should be noted that the MONSIM used a range of the normalized flow $+2.57 > z > -2.57$. This program requires the matrix multiplication subroutine called MULT(A,B,C,M,N,P,MON) and the standard normal random number generation subroutine, STNORM(V,N) (see Appendix 1, page 1-38 to 1-39).

(6) S/GENERATION/5A

This program generates 400-year synthetic flows for all five streamflow stations (see Appendix 1, page 1-40 to 1-46). The rationale of using 400 year generated synthetic flow was supported and proved to be adequate in the B-7 (see Figure 7, page 28 in the B-7). The 400 year was used in the B-7 and the MONSIM models.

b. Long-duration low-flow analysis

The purpose of this analysis is to develop a partial series combined with an annual series low-flow frequency to obtain a yield-storage-frequency relationship for the selected five gauged stations in the Monongahela River Basin.

(1) Low-flow frequency analysis

A partial series combined with an annual series of low-flow events were used in the analysis for the 400 years of generated synthetic flows. The annual series was used for those durations less than a year and the partial series was applied to those durations longer than a year. The partial series consisted of flow events of magnitude less than the average flow for a specified duration. Flow greater than

average flow is no longer considered as low flow. The 400 years of synthetic flows were examined to determine nonoverlapping low-flow events for all specified durations for each selected gauged station. The nonoverlapping event is defined such that no overlap in time between any two events is possible. A maximum of 200 events was established to allow for return periods as low as 2 years. Extraction of low-flow events terminated before the 200th event, if the event was greater than the average flow for a duration. The California Formula, which was used in the B-7 and the MONSIM Model was used here to determine plotting position for a low flow event. The low-flow events were ranked in order of ascending magnitude, for durations of 0.5, 1, 2, 3, 4, 5, 6, 7, 8, 10, 12, 14, 16, 18, 21, 24, 27, 30, 36, 42, 48, 54, and 60 months. Flow is expressed in terms of inches of flow over the station's drainage area.

The California formula is stated as follows:

$$T = N/R$$

Where T = return period (years)
N = total number of low-flow events
R = rank of low-flow event for events listed in order of ascending magnitude

(2) Programs and subroutines

The next 12 programs must be executed consecutively in order to obtain the yield-storage-frequency relationships of each gauged station in a group of stations.

(a) S/GENERATION/FREQ

This program creates a new file named "duration/half-month." This file contains the flow events for a half-month incremental duration in cfs and in inches over the corresponding drainage area from the 400-year synthetic flows. A "half-month" is defined as 15.2 days beginning on the 1st and 16th of each month. For the first 15 days of any month, the half-month flow is determined by multiplying 15.2 times the average daily flow over the period. For the second half of the months of length 28, 29, 30, and 31 days, the half-month flow is determined by multiplying 15.2 time the average daily flow over the period of 15, 13, 14, and 16 days, respectively. It should be noted that the MONSIM used the half-month period of 15 days instead of 15.2 days (the average half-month of a year) as we used in this program (see Appendix 1, pages 1-47 to 1-50).

(b) S/GENERATION/RANK/GROUP

This program creates a file named "duration/1to60mon" from the file of "duration/half-month" for durations of 1, 2, 3, 4, 5, 6, 7, 8, 10, 12, 14, 16, 18, 21, 24, 27, 30, 36, 42, 48, 54, and 60 months for the 5 selected gauged stations in the Monongahela River Basin (see Appendix 1, page 1-51 to 1-54).

(c) S/GENERATION/RANK/LIT/SUB 19

This program creates two files "duration/average" and "reduced/1 to60mon" for frequency ranking purpose. The "reduced/1to60mon" file includes only those discharges which are less than average flow for a specified duration (see Appendix 1, page 1-55 to 1- 59).

(d) S/GENERATION/RANK

This program creates a file called "qin/rank". This program ranks all flows for a specified duration in inches in the "reduced/1 to60mon" file. The maximum number of the rank is 200. The results are contained in the file called "qin/rank" (see Appendix 1, page 1-60 to 1-64).

(e) S/GENERATION/AVE

This program creates a file called "aveflow/drain". The created file contains station number, drainage area, mean flow in cfs and in inches per month from the records of the selected five gauged stations (see Appendix 1, page 1-65 to 1-68).

Since all the USGS streamflow frequency analyses use annual series, for easier comparison of results, the author determined to use annual series frequency analysis whenever the durations are less than or equal to a year and then combined with the partial series whenever the duration is longer than a year. Also there could be some improvement in generated flow values from the MONSIM Model.

(f) S/RPDS493K0/ANNUAL/1

This program calculates the moving averages for durations of 1, 15, 30, 60, 120, 152, 183, 213, 243, 304 and 365 days for a gauged station from the file "O/GENERATION/5 created by the program of S/GENERATION/5A (see Appendix 1, page 1-69 to 1-76)

(g) S/FREQUENCY/ANALYSIS/B7

This program calculates the lowest discharge in a year for various durations for a gauged station (see Appendix 1, page 1-77 to 1-80).

(h) S/FREQUENCY/RANK/B7

This program ranks low flows for durations from 1 to 365 days in ascending order for a gauged station (see Appendix 1, page 1-81 to 1-86).

(i) S/FREQUENCY/RANK/B7/2

This program ranks and calculates the corresponding return period for low flows with various durations (see Appendix 1, page 1-87 to 1-90).

(j) S/GENERATION/RANK/ANNUAL

This program combined the partial series and annual series together in frequency analysis for a group of stations (see Appendix 1, page 1-91 to 1-93).

(k) S/GENERATION/RANK/TABLE/1

This program creates a file called "RANK/TABLE/SUB19/A2" which contains the durations, flow and return periods for each of the five stations in the Monongahela River Basin. The durations include 0.5, 1.0, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 21.0, 24.0, 27.0, 30.0, 36.0, 42.0, 48.0, 54.0, and 60.0 months. The return periods contain 2.0, 5.0, 10.0, 13.3, 20.0, 30.8, 50.0, and 100.0 year (see APPENDIX 1, page 1-94 to 1-98).

(l) S/GENERATION/YIELD/STORAGE

This program creates a file called "YIELD/STORAGE/SUB19/A2" which contains the relationships among yield or draft rate as a percentage of mean monthly flow, storage in inches and return periods in years. This file gives us the final yield-storage-frequency relationships for the selected 5 stations in the Monongahela River Basin (see Appendix 1, page 1-99 to 1-106 and Appendix 2).

All the programs and subroutines mentioned above were repeatedly used for each of the selected 47 groups of stations with different inputs such as stations, flow records, and drainage areas in the group. The YIELD/STORAGE Tables which show the yield-storage-frequency relationship for all 47 groups of selected stations are shown in Appendix 2_ The YIELD/STORAGE tables will provide the information required for the reservoir yield and capacity analysis.

IV. ENGINEERING APPLICATION

The principles in engineering application of the UPB7 are essentially the same as that of the B-7. Therefore, all the principles, guidelines, and information stated in Chapter 5 of the B-7 are still valid for this report. However, due to the differences between the B-7 and the UPB7 in generating model, length of streamflow records and methodologies, the final product, yield-storage-frequency relationships, are different. In general, as shown in Table 3, yields evaluated from the UPB7 are in average about 7% greater than those from the B-7. The yield-storage-frequency relationships are expressed in digital tables in the UPB7 instead of in charts in the B-7. The author prefers digital tables over charts due to their pinpoint accuracy and the capability of evaluation of yield by computer.

A. Application Guidelines

The digital tables which express the yield-storage-frequency relationships for all of the selected gauged stations, are presented in Appendix 2. For practical applications, it is necessary to set some guidelines so that the engineer can make more intelligent judgments in selecting gauged stations applicable to his project and perform the engineering application adequately.

1. The gauged station applicable to the project site should fulfill three conditions:

   a. The station and the project site should have a high cross correlation.

   b. Both should be within an area of similar lithology (see Figure 19 in the B-7 or a copy on page 37).

   c. Both should be located in an area of similar annual precipitation (See Figure 20 in the B-7 or a copy on page 38).

2. The durations of the critical periods in months are shown with the yield-storage-frequency tables (see Appendix 2). The critical period is defined as the period in which the draft rate exceeds the inflow rate. This is the period for which the evaporation loss should be considered. The relationships among Evaporation Adjustment Factor C, Return Period and Critical Duration are shown *in* Appendix 3, Figure 21 from the B-7 or the Evaporation Factor table. The tables and curves expressed the relationships among Return Periods, Critical Durations and the net lake evaporations (Edn) are shown in Appendix 4.

3. Sediment Storage may be provided for the span of the design period. Since the reservoir is silted gradually, the provided storage will not be exhausted until the end of the design period. The sediment information is discussed in Section 4.2 and Figure 23 in the B-7. A copy of Figure 23 is shown on page 40.

4. Provision for seepage loss and required releases should be estimated individually.

5. Some commonly used conversion factors are provided in Appendix C, from the B-7. A copy is provided in Appendix 7.

B. Examples of Engineering Application

Two examples are illustrated. The first example analyzes the net yield of an existing reservoir of known capacity for a given return period. The second example determines the required storage capacity, given a draft rate (yield) and a design return period. The principles and procedure of calculating these two examples are the same as in the B-7 and the differences between the B-7 and the UPB7 are as follows:

1. The yield-storage-frequency relationships are expressed by digital tables in the UPB7 and by charts in the B-7. The digital table can have a pinpoint accuracy in reading and the chart could have 10% errors in reading.

2. The yield analysis can be performed by computer in the UPB7, but not in the B-7.

3. The yield of a reservoir calculated in the UPB7 is in average about 7% higher than in the B-7.

For comparison purpose the same examples in the B-7 are used as follows:

Example 1: Given an existing (hypothetical) water supply reservoir located on Wapwallopen creek upstream of gauging station 01538000. Drainage area = 15 sq. mi. reservoir capacity = 3000 ac-ft reservoir surface area spillway elev. = 300 ac 7-day 10-year low flow = Q7-10 = 3.40 cfs; seepage loss is negligible.

Problem: Determine the net yield of reservoir for a 10-year return period.

Step 1. Convert the ac-ft of reservoir capacity into inches of depth over the whole drainage basin.

3000/15 = 200 ac-ft/sq mi
200/53.3 = 3.752”
where 1” sq mi = 53.3 ac-ft
(see Appendix 7)

Step 2. According to the guidelines provided, select a gauged station applicable to the reservoir site from stations used in the report. In this case, use station 01538000. By scanning through the Table 2, it is found on page 27 that the selected gauged station is in the group of SEGMENT34/1/A2 and the table of yield-storage-frequency for the corresponding gauged station is found on page 2-55 in Appendix 2. From the yield-storage-frequency table, a reservoir with 3.563” of storage capacity for 10-year drought, will have a gross yield of 60% of the mean flow and with 4.116” of capacity will have a gross yield of 65% of the mean flow. Therefore, by interpolation, the reservoir with 3.752”

of capacity will have a gross yield of 61.7% of mean flow. The calculation is shown as following:

$$\frac{X-60}{65-60}=\frac{3.752-3.563}{4.116-3.563} \qquad X=61.7\%$$

Step 3. Determine the duration of critical period. From the same table, for 10-year return period, the critical durations for 3.563" and 4.116" reservoir capacities are, 6 and 7 months, respectively. Therefore, the critical duration for 3.75" of reservoir capacity is calculated by interpolation to be about 6.3 months.

Step 4. Estimate the expected lake evaporation loss during the 10-year 6.3-month drought, using the evaporation station nearest to the reservoir site (see Appendix 4, page 4-4 or 4-8).

With N (return period)= 10, D (critical duration)= 6.3 from Appendix 4, page 4-4, the Edn value for Scranton station is found to be 13.9" and the coefficient C from Figure 21 in the B-7 or Appendix 3 is 0.95. The lake evaporation loss is therefore:

13.9 x 0.95 = 13.2" = 1.1 ft.

Step 5. Determine the net yield by considering this rate of evaporation loss.

a. The total gross yield is 0.617 x 1.667 x 15 x 0.5716 = 8.82 mdg
8.82 mgd x (6.3 x 30.4) = 1689.21 mg.
Where 1" per month = 0.5716 mgd per sq mi, assuming 30.4 days per month.

b. The effective evaporation surface area of the lake may be determined from the reservoir area-capacity curve as the surface area at an elevation where the volume of water above it is equal to that below or simply assume as 65% of the surface area at spillway level.

300 ac. x 0.65 = 195 ac

c. The evaporation loss is:

1.1 x 195 = 215 ac-ft = 70 mg

d. The yield excluding conservation release is:

1689.21 – 70 = 1619.21 mg
1619.21/(6.3 x 30.4) = 8.45 mgd

e. Conservation release

Due to the instream flow needs, the conservation release criteria may change in the future. Presently the conservation release is following the Figure 10 Low Flow Criteria on page 52 in the Planning Principles or a copy in Appendix 5.

The average annual runoff = 1.667 x 12 x 15 x 53.3
= 15993 ac-ft
Where 1" sq mi = 53.3 acre-ft

Storage capacity as % of average annual runoff
= 3000/15993 = 0.188 = 18.8%
PDF = 44.5% from Figure 10 in Planning Principles or in Appendix 5.
Where PDF: % of the difference between 0.25 csm and $Q_{7\text{-}10}$ (csm)
Drainage area at intake = 15.0 sq. mi.
Drainage area at gauged station = 43.8 sq. mi.

$Q_{7\text{-}10}$ at gauged station = 3.0 cfs (APPENDIX 6, page 6-27)
$Q_{7\text{-}10}$ at intake = 3.4 x 15/43/8 = 1.164 cfs
= 0.078 csm
Reservoir release requirement in csm:

$Q_{7\text{-}10}$ + PDF (0.25 – $Q_{7\text{-}10}$)

If $Q_{7\text{-}10}$ > 0.25 csm, Set $Q_{7\text{-}10}$ = 0.25

0.078 + 0.445 (0.25-0.078) = 0.154 csm = 2.31 cfs
= 1.50 mgd

Net reservoir yield = 8.46 mgd – 1.50 mgd = 6.96 mgd

Example 2: Given a proposed reservoir located at the same site indicated in Example 1, determine the reservoir capacity to meet a uniform draft rate of 7.0 mgd during a drought of 50-year return period.

Step 1. Convert the draft rate from mgd into equivalent inches per month over the watershed

7.0 mgd/(0.576 x 15.0) = 0.81"/mo.

Step 2. Select a nearby gauged station of similar characteristics. Again use Station 01538000 with mean flow of 1.667"/mo.

Step 3. Express the draft rate in inches per month as percent of mean flow at the gauged station.

0.81/1.667 = 0.488 = 48.8%

Step 4. Find the storage required to meet the draft rate (% of mean flow) during a drought of 50-year return period. From the table, in Appendix 2, page 2-55, the storage for 50% draft rate is 3.12" and for 40% draft rate is 2.12". The critical durations for both draft rates are 6 months. By interpolation, the storage for the 48.8% draft rate is x inches:

$$\frac{x-2.12}{3.12-2.12}=\frac{48.8-40}{50-40}$$

x = 3.00" or 3.00 x 15 x 53.3 = 2398.5 ac-ft. and the critical duration is 6 months.

Step 5. Determine the most probable amount of evaporation loss with N = 50 years and D = 6 months, the net lake evaporation loss Edn from Scranton provided in Appendix 4, page 4-4 or 4-8 is found to be 15.3". The coefficient C is 0.63 according to Appendix 3, page 3-1 or 3-2. The evaporation loss associated with this design drought:

E = C Edn = 0.63 x 15.3 = 9.64" = 0.803 feet.

Step 6. Convert E in feet into ac-ft. of storage.

a. Determine the surface area of the reservoir accommodating the required storage computed from Step 4 by assuming the designed reservoir's capacity-area curve is presented as in Figure 22 in the B-7, or a copy in page 39. The area is found to be 260 ac.

b. Determine the effective evaporation surface area as 65% of the surface area obtained above 0.65 x 260 = 169 ac. The additional storage required for evaporation loss is:

0.803 ft. x 169 ac. = 136 ac-ft.

Step 7. Estimate the dead storage required for sediment. The sediment yield information may be obtained from the three references or from the new sediment report mentioned in Section 4.2 in the B-7. Assume, in this case, a sediment yield of 300 ton/sq mi/yr The trap efficiency is determined by the ratio of reservoir storage capacity to total annual inflow.

3.00/(1.667 x 12) = 0.15

The trap efficiency from Figure 23 in the B-7 or from page 38 is 0.9. The reservoir deposition rate is:

0.9 x 300 x 15 ton/year = 4050 ton/yr
= 4050 x 2000/(60 x 43560) = 3.1 ac-ft/yr

(assume specific weight of deposit = 60 lb/ft)

Considering a 50-year life time of the reservoir, the dead storage requirement is:

3.1 x 50 = 155 ac-ft.

Step 8. Estimate of storage required for conservation release. The storage required to meet draft rate, evaporation loss and sedimentation calculated from steps 4, 6 and 7 respectively, is: 2398.5 + 136 + 155 = 2689.5 ac-ft.

The average annual runoff:

1.667 x 12 x 53.3 x 15 = 15993 ac-ft.

Storage capacity as percent of average annual runoff:

2689.5/15993 = 0.168 = 16.8%

The reservoir release requirement in csm is:

$Q_{7\text{-}10}$ + PDF (0.25-$Q_{7\text{-}10}$)

PDF = 40% from Appendix 5, page 5-1 or Figure 10 on Appendix A-3, in Planning Principles, the reservoir release requirement in csm:

0.078 + 0.4(0.25 - 0.078) = 0.147 csm = 2.20 cfs
= 1.42 mgd = 4.36 ac-ft/day
4.36 ac-ft/day x 12 x 30.4 = 1591 ac-ft.

Step 9. The total storage requirement therefore is the sum of the storages calculated from steps 4, 6, 7 and 8; i.e., storage for draft rate + storage for evaporation loss + storage for sedimentation + storage for conservation release:

2398.5 + 136 + 155 + 1591 = 4280.5 ac-ft.

Step 10. Use the above as initial storage capacity, finding new surface area from Figure 22 and new sedimentation information to calculate the net yield by Example 1. Reiterate the Example 1 calculation until the net yield equals to or close to 7.0 mgd.

Reservoir Capacity mgd	Net Yield ac-ft.
4280.5	7.241
3900.0	7.012
3890.0	7.004 OK

The reservoir storage of 3890 ac-ft is required to meet the 7.0 mgd draft rate and required conservation release.

A computer program "S/B7/UPDATE/ANNUAL" run by "J/B7/UPDATE/A2" (see Appendix 6, page 6-1 to 6-13) was developed to execute Example 1 by the following procedures:

a. Access to main frame computer. At present only our Bureau can access to this program. However, in the future, this computer program may be accessible to those agencies which need this engineering application.

b. Type ST J/B7/UPDATE/A2 and transmit.

c. Follow all the instructions on the screen.

d. See end of the program (EOJ).

e. DO EXBACK

f. COPY AS T/1:C

g. REM

h. Type “Q” to quit the program

i. Assign a printer terminal

j. WRITE T/1 to print the result.

The inputs required in this computer program for executing Example 1 are:

- a selected eight digit station number from Table 2
- name of owner
- name of reservoir
- reservoir capacity
- surface area of the reservoir
- drainage area at intake
- sedimentation or dead storage as percent of reservoir capacity
- an evaporation station

The result of Example 1 is shown in Appendix 6, pages 6-14 to 6-15. The result of Example 2, can also be obtained by assuming a reservoir capacity and run this program to obtain a net yield. If the net yield is not close to the designated yield, assume another reservoir capacity. Repeat the process until the designated yield is found (see Appendix 6, pages 6-16 to 6-21). In addition to the inputs required in Example 1, a capacity area-level curve developed at reservoir sit as shown in Figure 22 in page 39 is required for running the Example 2 by computer.

V. DISCUSSIONS AND CONCLUSIONS

A. The differences between UPB7 and the MONSIM

1. The streamflow record used in the MONS1M was from the US Army Corps of Engineers up to 1979. The UPB7 used the USGS streamflow record up to 1989.

2. The ranges of the standard normal variates z used in the UPB7 are $2.5 < z > -3.3$ versus $2.57 < z > -2.57$ used in the MONSIM. The ranges of z values were determined by the following considerations:

   a. The generated synthetic streamflow will reflect the characteristics of real streamflow record. That is, the means of the generated synthetic streamflow and real streamflow record should be as close as possible.

   b. The consideration of the purpose of the analysis. Since we are more interested in drought than flood, an unsymmetric range of z values were chosen for synthetic flow generation.

3. The UPB7 used monthly [A] and [B] matrices to generate the synthetic flow versus the MONSIM which used seasonal matrices. Since [A] and [B] matrices are essential in generating the synthetic flow and we are generating daily flow, it should be better to use monthly [A] and [B] matrices than seasonal [A] and (B] matrices in generating the synthetic streamflow.

4. For a half month period, we used 15.2 days versus the MONSIM which used 15 days. 15.2 days is the average half month of a year.

5. The UPB7 used annual and partial series combined in ranking process and the MONS1M used only the partial series. The reasons we use annual and partial series combined are:

   a. The USGS always uses annual series in low-flow analysis. For easier comparison with USGS low-flow Analysis, we use annual series whenever period of duration is less than a year and use partial series for period of duration greater than a year.

   b. We hope to get better results than the MONSIM.

B. The UPB7 is able to generate a long-term synthetic daily flow for a group of reasonably correlated streamflow stations in any region. The correlation between any two stations should be 0.5 or greater in order to disqualify some of the regulated gauge stations and obtain reasonably accurate results. The UPB7 can also be applied to the Allegheny, Susquehanna and Delaware River Basins because this model only needs the streamflow records and associated drainage areas as input data and no unique local characteristic parameters are required.

C. The UPB7, which generates synthetic daily flows, can be used to revise and update our B-7 in which synthetic monthly flows were used. The flows generated from the UPB7 should be more realistic than that in the B-7 for the following reasons:

   1. The input data, streamflow record, is 21 years longer than that in the B-7. The longer the record used in the mode 1 the better and more realistic the results should be.

   2. The UPB7 uses daily flow records instead of monthly records as used in the B-7. The spike phenomena which occurs in nature should be simulated better in the UPB7 than in the B-7 Model.

D. As shown in Table 3, yields calculated from the UPB7 for 86 cases, is in average about 6.9% higher than the yields calculated from the B-7. These results seem to be reasonable for the following reasons:

   1. The mean flow of the streamflow records used in the UPB7 is in average about 3.47% higher than that used in the B-7.

   2. The spike effect in nature tends to make the generated flow higher.

E. Applying trial and error method, the results of the Example 2 can be easily obtained by running the computer program developed in this report. However, a capacity-area-level curve as Figure 22 on page 39 should be developed at the proposed reservoir site before running the computer program. This curve will provide you a new capacity-surface area relationship for an assumed capacity which is needed in trial and error method.

F. We prefer to express the yield-storage-frequency relationships in digital tables than in charts because digital tables provide a pinpoint accuracy in reading and can be run by computer.

TABLE 1
COMPARISON OF MEANFLOW BETWEEN B-7 AND UPB7

NO	STATION	STATION NAME	NEW MEAN	OLD MEAN	% DIFF.
1	3072500	Monongahela River at Greensboro, PA	2.1214	2.0900	1.50
2	3075000	Monongahela River at Charleroi, PA	1.9803	1.9500	1.55
3	3081000	Youghiogheny River Below Confluence, PA	2,2991	2,9799	5.77
4	3072000	Dunkard Creek at Shannopin, PA	1.3619	1.3700	-0.59
5	3073000	South Fork Tenmile Creek at Jefferson, PA	1.2547	1.2600	-0.42
6	3074500	Redstone Creek Waltersburg, PA	1.5586	1.5000	3.91
7	3079000	Cassleman River at Markleton, PA	1.9548	1.9000	2.88
8	308000	Laurel Hill Creek at Ursina, PA	2.4826	2.4600	0.92
9	3082500	Youghiogheny River at Connellsville, PA	2.2034	2.1200	3.93
10	3083000	Green Lick Run at Green Lick Reservoir, PA	2.0756	2.0000	3.78
11	3084000	Arers Creek Near Murrysville, PA	1.4259	1.4700	-3.00
12	3086000	Ohio River at Sewickley, PA	1.9162	1.8500	3.58
13	3102500	Little Shenango River at Greenville, PA	1.4413	1.4900	4.11
14	3103500	Shenango River at Sharpsville, PA	1.4672	1.3900	5.55
15	3105500	Beaver River at Wampum, PA	1.2558	1.1900	5.53
16	3106000	Connoquenessing Creek at NR Zelienople	1.4735	1.4700	0.24
17	3106500	Slippery rock Creek at Wurtemburg, PA	1.6176	1.5500	4.36
18	3107500	Beaver River at Beaver Falls, PA	1.3570	1.3700	-0.95
19	3108000	Raccoon Creek at Mofatt's Mill, PA	1.2218	1.2300	-0.67
20	3085500	Chartiers Creek at Carnegie, PA	1.2660	1.2600	0.48
21	3040000	Stonycreek River at Ferndale, PA	1.8418	1.8300	0.64
22	3041000	Little Conemaugh River at E. Conemaugh, PA	1.8889	1.8900	-0.06
23	3041500	Conemaugh River at Seward, PA	2.0277	1.9300	5.06
24	3042000	Blacklick Creek at Josephine, PA	2.1807	2.0200	7.96
25	3042500	Two Lick Creek at Graceton, PA	1.8693	1.7800	5.02
26	3044000	Conemaugh River at Tunnelton, PA	1.9803	1.8800	5.34
27	3045000	Loyalhanna Creek at Kingston, PA	1.9620	1.9200	2.19
28	3048500	Kiskimenetas River at Venergrift, PA	1.9126	1.8400	3.95
29	3049000	Buffalo Creek Near Freeport, PA	1.5949	1.5600	2.24
30	3047000	Loyalhanna Creek at Loyalhanna Dam, PA	1.8897	1.7800	6.16
31	3049500	Allegheny River at Natrona, PA	1.9430	1.8600	4.46
32	3026500	Seven Mile run Near Rasselas, PA	2.1107	2.0900	0.99
33	3028500	Clarion River at Johnsonburg, PA	2.1221	2.0600	3.01
34	3029500	Clarion River at Cooksburg, PA	2.0405	1.9600	4.11
35	3031500	Allegheny River at Parker, PA	2.0001	1.9400	3.10
37	3034000	Mahoning Creek at Punxsutawney	1.9718	1.8800	4.88
38	3028000	West Branch Clarion river at Wilcox, PA	2.2528	2.1700	3.82
39	3034500	Little Mahoning Creek at McCormick, PA	1.9852	1.8700	6.16
40	3036000	Mahoning Creek at Mahoning Creek Dam, PA	1.9648	1.8800	4.51
41	3036500	Allegheny River at Kittanning, PA	1.9892	1.9100	4.15
42	3038000	Crooked Creek at Idaho, PA	1.7369	1.6300	6.56
43	3027500	East Branch Clarion River at E. Br. Cla	2.1167	2.0700	2.26
44	3010500	Allegheny River at Eldred, PA	1.9478	1.8700	4.16
45	3020500	Oil Creek at Rouseville, PA	2.0276	1.9300	5.06
46	3020000	Tionesta Creek at Tionesta Dam, PA	2.1020	2.0000	5.10
47	3024000	French Creek at Utica, PA	2.0227	1.8900	7.02
48	3021500	French Creek at Carters Corners, Pa	2.2535	2.2400	0.60
49	3025000	Sugar Creek at Sugarcreek, PA	1.8492	1.7700	4.47
50	3016000	Allegheny River at West Hichory, PA	2.0557	1.9500	5.42
51	3025500	Allegheny River at Franklin, PA	1.9918	1.9500	2.14
52	3015000	Conewango Creek at Russell, PA	2.1113	1.9800	6.63
53	3015500	Brokenstraw Creek at Youngsville, PA	2.0718	2.0500	1.06

NO	STATION	STATION NAME	NEW MEAN	OLD MEAN	% DIFF.
54	1429500	Dyberry Creek Near Honesdale, PA	1.9755	1.9000	3.97
55	1439500	Bush Koll at Shoemakers, PA	2.2661	2.2100	2.54
56	1442500	Brodhead Creek at Minisink Hills, PA	2.4758	2.2400	10.53
57	1447500	Lehigh River at Stoddartsville, PA	2.3225	2.2400	3.68
58	1450500	Aquashicola Creek at Palmerton, PA	2.2471	2.0800	8.03
59	1448500	Dilldown Creek Near Long Pond, PA	2.3089	2.2000	4.95
60	1531500	Susquehanna River at Towanda, PA	1.5278	1.5000	1.85
61	1532000	Towanda Creek Near Monroeton, PA	1.5102	1.4800	2.04
62	1534000	Tunkhannock Creek Near Tunkhannock, PA	1.5926	1.5700	1.44
63	1536500	Susquehanna River at Wilkes-Barre, PA	1.5076	1.4800	1.86
64	1538000	Wapwallopen Creek Near Wapwallopen, PA	1.6671	1.6000	4.19
65	1539000	Fishing Creek Near Bloomsburg, PA	1.9686	1.9300	2.00
66	1540500	Susquehanna River at Danville, PA	1.5215	1.5400	-1.20
67	1516500	Corey Creek Near Mainesburg, PA	1.1389	1.0700	6.44
68	1520000	Cowanesque River Near Lawrencesville, PA	1.1017	1.0500	4.92
69	1541000	West Branch Susquehanna River at Bower, PA	2.0041	1.9400	3.30
70	1542000	Moshannon Creek at Osceola Mills, PA	1.8193	1.8100	0.51
71	1542500	West Branch Susquehanna River at Kartha	1.9353	1.8700	3.49
72	1543000	Driftwood Br. Sinnemahoning Cr. Sterling, PA	1.8913	1.8600	1.68
73	1543500	Sinnemahoning Creek at Sinnemahoning, PA	1.8729	1.7900	4.63
74	1544500	Kettle Creek at Cross Fork, PA	1.8676	1.8000	3.76
75	1548500	Pine Creek at Cedar run, PA	1.5593	1.5300	1.92
76	1549500	Blockhouse Creek Near English Center, PA	1.7336	1.6600	4.43
77	1550000	Lycoming Creek Near Trout Run, PA	1.8496	1.7800	3.91
78	1551500	West Branch Susquehanna River at Willia	1.7764	1.7300	2.68
79	1552000	Loyalsock Creek at Loyalsockville, PA	1.9322	1.9000	1.69
80	1552500	Muncy Creek Near Sonestown, PA	2.2939	2.1900	4.74
81	1553500	West Branch Susquehanna river at Lewisburg, PA	1.7867	1.7200	3.88
82	1601000	Wills Creek Below Hyndman, PA	1.4021	1.5200	-7.76
83	1603500	Evitts Creek Near Centerville, PA	1.2122	1.1400	6.33
84	1546500	Spring Creek Near Axemann, PA	1.1896	1.0800	10.15
85	1467500	Schuylkill River at Pottsville, PA	2.1024	2.1000	0.11
86	1469500	Little Schuylkill River at Tamaqua, PA	2.2301	2.3900	-6.69
87	1470500	Schuylkill river at Berne, PA	2.2491	2.0900	7.61
88	1555000	Penns Creek at Penns Creek, PA	1.6375	1.6000	2.34
89	1556000	Frankstown Br. Juniata River Williiamsburg, PA	1.5324	1.4800	3.54
90	1558000	Little Juniata River at Spruce Creek, PA	1.9190	1.8500	3.73
91	1567000	Juniata River at Newport, PA	1.4404	1.4100	2.16
92	1481000	Brandywine Creek at Chadds Ford, PA	1.5712	1.4800	6.16
93	1459500	Tohickon Creek Near Pipersville, PA	1.6960	1.6300	4.05
94	1465500	Neshaminy Creek Near Langhorne, PA	1.5870	1.5100	5.10
95	1473000	Perkiomen Creek at Graterford, PA	1.5879	1.5000	5.86
96	1574000	West Conewago Creek Near Manchester, PA	1.2990	1.2400	4.76
97	1555500	East Mahatango Creek Near Dalmatia, PA	1.5633	1.5000	4.22
98	1567500	Bixler Run Near Loysville, PA	1.4239	1.2000	18.66
99	1568000	Sherman Creek at Shermans Dale, PA	1.6236	1.6300	-0.39
100	1562000	Raystown Branch Juniata River at Saxton	1.3689	1.3100	4.50
Total No,. of Station 100			Average of Percent		3.47

TABLE 2 SELECTED GROUPS AND GAGED STATIONS

Station		Name	Drainage Area (Square Mile)
Yield/Storage/Sub19/A2		1	
1.	03WHAT		
2.	03072500	Monongahela River at Greensboro, PA	4407.
3.	03075000	Monongahela River at Charleroi, PA	5123.
4.	03085000	Monongahela River at Braddock, PA	7337.
5.	03081000	Youghiogheny River Below Confluence, PA	1029.
Yield/Storage/Sub19/1/A2		2	
1.	03072000	Dunkard Creek at Shannopin, PA	229.
2.	03072840	Tenmile Creek Near Clarksville, PA	133
3.	03073000	South For Tenmile Creek at Jefferson, PA	180.
4.	03074300	Lick Run at Hopwood, PA	3.8
5.	03074500	Redstone Creek at Waltersburg, PA	73.7
Yield/Storage/Sub19/2/A2		3	
1.	03078500	Big Piney Run Near Salisbury, PA	24.5
2.	03079000	Cassleman River at Markleton, PA	382.
3.	03080000	Laurel Hill Creek at Ursina, PA	121.
4.	03082200	Poplar run Near Normalville, PA	9.27
5.	03082500	Youghiogheny River at Connellsville, PA	1326.0
6.	03083000	Green Lick Run at Green Lick Reservoir, PA	3.07
7.	03083500	Youghiogheny River at Suttersville, PA	1715.0
8.	03084000	Abers Creek Near Murrysville, PA	4.39
Yield/Storage/Sub20/A2		4	
1.	03086000	Ohio River at Sewickley, PA	19500.
2.	03102500	Little Shenango River at Greenville, PA	104.
3.	03103000	Pymatuning Creek Near Orangeville, PA	169.
4.	03103500	Shenango River at Sharpsville, PA	584.
5.	03105500	Beaver River at Wampum, PA	2235.
6.	03106000	Connoquenessing Creek Near Zelienople, PA	356.
7.	03106500	Slippery Rock creek at Wurtemburg, PA	398.
8.	03107500	Beaver River at Beaver Falls, PA	3106.
9.	03108000	Raccoon creek at Moffatts Mill, PA	178
Yield/Storage/Sub20/1/A2		5	
1.	03100000	Shenango River Near Turnerville, PA	152.
2.	03102000	Shenango River Near Jamestown, PA	181.
3.	03104000	Shenango River at Sharon, PA	608.
4.	03104500	Shenango River at New Castle, PA	792.
Yield/Storage/Sub20/2/A2		6	
1.	03085500	Chartiers Creek at Carnegie, PA	257.
2.	03111150	Brush Run Near Buffalo, PA	10.3
Yield/Storage/Sub20/3/A2		7	
1.	03101500	Shenango River at Pymatuning Dam, PA	167.
2.	03102850	Shenango river Near Transfer, PA	337.0
Yield/Storage/Sub18/A2		8	
1.	03040000	Stonycreek River at Ferndale, PA	451.
2.	03041000	Little Conemaugh River at East Conemaugh, PA	183.

	Station	Name	Drainage Area (Square Mile)
3.	03041500	Conemaugh River at Seward, PA	715
4.	03042000	Blacklick Creek at Josephine, PA	192.
5.	03042500	Two Lick Creek at Graceton, PA	171.
6.	03044000	Conemaugh River at Tunnelton, PA	1358.
7.	03045000	Loyalhanna Creek at Kingston, PA	172.
8.	03048500	Kiskiminetas River at Vendergrift, PA	1825.
9.	03049000	Buffalo Creek Near Freeport, PA	137.
Yield/Storage/Sub18/1/A2		9	
1.	03043000	Blacklick Creek at Blacklick, ,PA	390.
2.	03045500	Loyalhanna Creek at New Alexandria, PA	265.
3.	03047500	Kiskiminetas River at Avonmore, PA	1723.
Yield/Storage/Sub18/2/A2		10	
1.	03039200	Clear Run Near Buckstown, PA	3.68
2.	03042200	Little Yellow Creek Near Strongstown, PA	7.36
3.	030422880	Yellow Creek Near Homer City, PA	57.4
Yield/Storage/Sub18/3/A2		11	
1.	03047000	Loyalhanna Creek at Loyalhanna Dam, PA	292.0
2.	03049500	Allegheny River at Natrona, PA	11410.
Yield/Storage/Sub17/A2		12	
1.	03026500	Sevenmile Run Near Rasselas, PA	7.84
2.	03028500	Clarion River at Johnsonburg, PA	204.
3.	03029500	Clarion River at Cooksburg, PA	807.
4.	03031500	Allegheny River at Parker, PA	7671.
5.	03031950	Big Run Near Sprankle Mills, PA	344.
6.	03032500	Redbank Creek at St. Charles, PA	528.
7.	03034000	Mahoning Creek at Punxsutawney, PA	158.
Yield/Storage/Sub17/1/A2		13	
1.	03028000	West Branch Clarion River at Wilcox, PA	63.
2.	03034500	Little Mahoning Creek at McCormick, PA	87.
3.	03036000	Mahoning Creek at Mahoning Creek Dam, PA	344.
4.	03036500	Allegheny River at Kittanning, PA	8973.
5.	03038000	Crooked Creek at Idaho, ,PA	191.
6.	03039000	Crooked Creek at Crooked Creek Dam, PA	278.
Yield/Storage/Sub17/2/A2		14	
1.	03027500	East Branch Clarion River at E. Br. Clarion Dam	73.2
2.	03029000	Clarion River at Ridgway, PA	303.
Yield/Storage/Sub16/A2		15	
1.	03007800	Allegheny River at Port Allegany, PA	248.
2.	03008000	Newell Creek Near Port Allegany, PA	7.79
3.	03009680	Potato Creek at Smethport, PA	160.
4.	03010500	Allegheny river at Eldred, PA	550.
5.	03010655	Oswayo Creek at Shinglehouse, PA	98.7
6.	03011800	Kinzua Creek Near Guffey, PA	46.4
Yield/Storage/Sub16/1/A2		16	
1.	03015280	Jackson Run Near North Warren, PA	12.80
2.	03020500	Oil Creek at Rouseville, PA	300.
3.	03021350	French Creek Near Wattsburg, PA	92.

Station		Name	Drainage Area (Square Mile)
Yield/Storage/Sub16/2/A2		17	
1.	03012600	Allegheny River at Warren, PA	2180.
2.	03016500	Tionesta Creek at Sheffield, PA	128.
3.	03017000	South Branch Tionesta Creek at Barnes, PA	85.3
4.	03018000	Tionesta Creek at Mayburg, PA	307.
5.	03020000	Tionesta Creek at Tionesta Dam, PA	479.
Yield/Storage/Sub16/3/A2		18	
1.	03021410	West Branch French Creek Near Lowville, PA	52.3
2.	03021520	French Creek Near Union City, PA	211.
3.	03022540	Woodcock Creek at Blooming Valley, PA	31.1
4.	03024000	French Creek at Utica, PA	1028.
Yield/Storage/Sub16/4/A2		19	
1.	03021500	French Creek at Carters Corners, PA	208.
2.	03025000	Sugar Creek at Sugarcreek, PA	166.
Yield/Storage/Sub16/5/A2		20	
1.	03012550	Allegheny River at Kinzua Dam, PA	2180.
2.	03016000	Allegheny River at West Hichory, PA	3660.0
3.	03025500	Allegheny River at Franklin, PA	5982.
Yield/Storage/Sub16/6/A2		21	
1.	03015000	Conewango Creek at Russell, PA	816.0
2.	03015500	Brokenstraw Creek at Youngsville, PA	321.
3.	03017500	Tionesta Creek at Lynch, PA	233.0
Yield/Storage/Segment1/A2		22	
1.	01429500	Dyberry Creek Near Honesdale, Pa	64.6
2.	01431500	Lackawaxen River at Hawley, PA	290.0
3.	01439500	Bush Kill at Shoemakers, PA	117.0
4.	01440400	Brodhead Creek Near Analomink, PA	65.9
5.	01440500	Brodhead Creek at Minisink Hills, PA	259.
6.	01446600	Martins Creek Near East Bangor, PA	10.4
7.	01447500	Lehigh River at Stoddartsville, PA	91.7
8.	01447720	Tobyhanna Creek Near Blakeslee, PA	188.0
9.	01450500	Aquashicola River at Palmerton, PA	76.7
Yield/Storage/Segment1/1/A2		23	
1.	01430500	Lackawaxen River at West Hawley, PA	206.
2.	01441000	McMichaels Creek at Stroudsburg, PA	65.3
3.	01448000	Lehigh River at Tannery, PA	322.
Yield/Storage/Segment1/2/A2		24	
1.	01431000	Middle Creek Near Hawley, PA	78.4
2.	01448500	Dilldown Creek Near Long Pond, PA	2.39
Yield/Storage/Segment34/1/A2		25	
1.	01531500	Susquehanna River at Towanda, PA	7797.0
2.	01532000	Towanda Creek Near Monroeton	215.0
3.	01534000	Tunkhannock Creek Near Tunkhannock, PA	383.
4.	01536500	Susquehanna River at Wilkes-Barre, PA	9960.
5.	01538000	Wapwallopen Creek Near Wapwallopen, ,PA	43.8
6.	01539000	Fishing Creek Near Bloomsburg, PA	274.0

	Station	Name	Drainage Area (Square Mile)
7.	01540500	Susquehanna River at Danville, PA	11220.
Yield/Storage/Segment34/2/A2		26	
1.	01516500	Corey Creek Near Mainesburg, PA	12.2
2.	01520000	Cowanesque River Near Lawrenceville, PA	298.
3.	01532850	Middle Br. Wyalusing Cr. Trib. Near Birchardville, PA	5.7
4.	01533950	South Br. Tunkhannock Creek, Near Montdale, PA	12.6
Yield/Storage/Segment34/3/A2		27	
1.	01533500	North Branch Methoopany Creek near Lovelton, PA	35.2
2.	01539500	Little Fishing Creek at Eyers Grove, PA	12.60
Yield/Storage/Segment56/1/A2		28	
1.	01541000	West Branch Susquehanna River at Bower, PA	315.0
2.	01541200	West Branch Susquehanna River at Curwensville, PA	367.0
3.	01542000	Moshannon Creek at Osceola Mills, PA	68.8
4.	01542500	West Branch Susquehanna River Karthaus, PA	1462.
5.	01543000	Driftwood Br. Sinnemahoning Creek, Sterling Run, PA	272.
6.	01543500	Sinnemahoning Creek at Sinnemahoning, PA	
7.	01544500	Kettle Creek at Cross Fork, PA	136.0
8.	01547700	Marsh Creek at Blanchard, PA	44.1
Yield/Storage/Segment56/2/A2		29	
1.	01545600	Young Womans Creek Near Renovo, PA	46.2
2.	01548500	Pine Creek at Cedar Run, PA	604.0
3.	01549500	Blockhouse Creek Near English Center, PA	37.7
4.	01549700	Pine Creek below L. Pine Creek Near Waterville, PA	944.
5.	01550000	Lycoming Creek Near Trout Run, PA	173.0
6.	01551500	West Branch Susquehanna River at Williamsport, PA	5682.0
7.	01552000	Loyalsock Creek at Loyalsockville, PA	443.
8.	01552500	Muncy Creek Near Sonestown, PA	23.8
9.	01553500	West Branch Susquehanna River at Lewisburg, PA	6847.
Yield/Storage/Segment56/3/A2		30	
1.	01546000	North Bald Eagle Creek at Milesburg, PA	119.0
2.	01549000	Pine Creek Near Waterville, PA	750.0
Yield/Storage/Sub13/1/A2		31	
1.	01601000	Wills Creek below Hyndman, PA	146.
2.	01603500	Evitts Creek Near Centerville, PA	30.2
Yield/Storage/Limestone/A2		32	
1.	01451500	Little Lehigh Creek Near Allentown, PA	80.8
2.	01470960	Tulpehocken Cr. At Blue Marsh Damsite Near Reading	175.0
3.	01546500	Spring Creek Near Axemann, PA	87.2
4.	01547200	Bald Eagle Creek Below Spring Creek At Milesburg, PA	265.0
5.	01571500	Yellow Breeches Creek Near Camp Hill, PA	216.0
Yield/Storage/Minepumping/A2		33	
1.	01467500	Schuylkill River at Pottsville, PA	53.4
2.	01469500	Little Schuylkill River at Tamaqua, PA	42.9
3.	01470500	Schuylkill River at Berne, PA	355.0
Yield/Storage/PartialLimestone/1/A2		34	
1.	01555000	Penns Creek at Penns Creek, PA	301.00

	Station	Name	Drainage Area (Square Mile)
2.	01556000	Frankstown Br. Juniata River at Williamsburg, PA	291.0
3.	01558000	Little Juniata River at Spruce Creek, PA	220.
4.	01559000	Juniata River at Huntingdon, PA	816.
5.	01563500	Juniata River at Mapleton Depot, PA	2030.
6.	01565000	Kishacoquillas Creek at Reedsville, PA	164.
7.	01567000	Juniata River at Newport, PA	3354.
Yield/Storage/Peidmontent/1/A2		35	
1.	01476500	Ridley Creek at Moylan, PA	31.9
Yield/Storage/ Peidmontent/2/A2		36	
1.	01481000	Brandywine Creek at Chadds Ford, PA	287.0
2.	01480300	West Branch Brandywine Creek Near Hone Brook, PA	18.7
3.	01472157	French Creek Near Phoenixville, PA	59.1
4.	01480500	West Branch Brandywine Creek at Coatesville, PA	45.8
5.	01480700	East Branch Brandywine Creek Near Downingtown, PA	60.0
Yield/Storage/ Peidmontent/3/A2		37	
1.	01480680	Marsh Creek Near Lyndell, PA	17.8
2.	01480800	East Branch Brandywine Creek at Downingtown, PA	81.6
Yield/Storage/ Triassic/1/A2		38	
1.	01459500	Tohickon Creek Near Pipersville, PA	97.4
2.	01465500	Neshaminy Creek Near Langhorne, PA	210.0
3.	01473000	Perkiomen Creek at Graterford, PA	279.0
4.	01473120	Skippack Creek Near Collegeville, PA	53.7
5.	01574000	West Conewago Creek Near Manchester, PA	510.0
Yield/Storage/ Triassic/2/A2		39	
1.	01465000	Neshaminy Creek at Rushland, PA	134.0
2.	01472500	Perkiomen Creek Near Frederick, PA	152.0
Yield/Storage/ Ridge/Valley/1/A2		40	
1.	01555500	East Mahatango Creek Near Dalmatia, PA	162.0
2.	01559700	Buffalo Run Near Manns Choice, PA	5.28
3.	01560000	Dunning Creek at Belden, PA	172.0
4.	01567500	Bixler Run Near Loysville, PA	15.0
5.	01568000	Sherman Creek at Shermans Dale, PA	200.0
Yield/Storage/ Ridge/Valley/2/A2		41	
1.	01559500	Standing Stone Creek Near Huntingdon, PA	128.0
2.	01561000	Brush Creek at Gapsville, PA	36.80
3.	01562500	Great Trough Creek Near Marklesburg, PA	84.6
4.	01566500	Cocolamus Creek Near Millerstown, PA	57.2
Yield/Storage/ Ridge/Valley/3/A2		42	
1.	01562000	Raystown Branch Juniata River at Saxton, PA	756.0
2.	01566000	Tuscarora Creek Near Port Royal, PA	214.0
Yield/Storage/ Ridge/Valley/4/A2		43	
1.	01569000	Stony Creek Near Dauphin, PA	33.2
2.	01573500	Manada Creek at Manada Gap, PA	13.5
Yield/Storage/ Urban/1/A2		44	
1.	01465770	Poquessing Creek at Trevose Road, Philadelphia, PA	5.1

Station		Name	Drainage Area (Square Mile)
2.	01465780	Poquessing Creek Above Byberry Creek at Phila., PA	13.2
3.	01465798	Poquessing Creek at Grant Ave., at Philadelphia, PA	21.4
4.	01467042	Pennypack Creek at Pine Road, Philadelphia, PA	37.9
5.	01467048	Pennypack Creek at Lower Rhawn St. Bdg., Phila., PA	49.8
Yield/Storage/ Urban/2/A2		45	
1.	01467086	Tacony Creek at County Line, Philadelphia, PA	16.2
2.	01473950	Wissahickon Creek at Bells Mill Rd., Philadelphia, PA	53.6
Yield/Storage/ Urban/3/A2		46	
1.	01473980	Wissahickon Creek at Livezey Lane, Philadelphia, PA	59.2
2.	01474000	Wissahickon Creek at Mount, Philadelphia, PA	64.0
Yield/Storage/ Urbab/4/A2		47	
1.	01475530	Cobbs Creek at US Highway No. 1 at Philadelphia, PA	4.8
2.	01475540	Cobbs Creek Below Indian Creek Nr. Upper Darby, PA	10.6
3.	01475550	Cobbs Creek at Darby, PA	22.0

TABLE 3 COMPARISON BETWEEN B-7 AND UPB7

Sub	St. No.	Name of CO	Name of Res.	Capacity (MG)	Sur. A Acres	Drain A SMI	QN UPB7 (MGD)	QO B-7 (MGD)	(QO-QN)/ QN %	CD UPB7 Month	CD B-7 Month
1	4395	E. Stroudsburg Boro	Upper, Middle Intake	352.0	88.0	3.0	2.225	2.176	-2.20	10.3	8.0
2	4695	Weatherly Boro Auth.	Penrose Cr	5.0	6.0	1.40	0.21	0.182	-12.86	1.5	3.0
2	4695	Nesquehoning WA	Broad Run Dam	27.0	6.0	1.7	0.522	0.438	-16.09	3.4	6.0
2	4695	Mt. Pleasant	Mt. Pleasant Dam	69.0	21.0	0.0	0.589	0.501	-14.94	7.0	7.0
2	5380	Mt. Pleasant	Wolffs Run Res.	144.0	35.0	1.2	0.84	0.782	-6.90	18.7	18.0
3	4710	City of Reading	Antietam Lake	101.0	16.0	5.40	1.706	1.55	-9.14	5.0	5.0
3	4710	City of Reading	Lake Ontelaunee	3880.0	1082.0	192	60.59	54.5	-10.05	5.1	5.0
3	4730	Birdsboro M A	Indian Run Res.	23.0	5.0	0.8	0.235	0.216	-8.09	6.4	6.0
3	4810	City of Coatesville	Rock run Dam	230.0	55.5	5.3	2.183	2.51	14.98	7.0	7.5
3	4810	City of Coatesville	Hybernia	367.7	80.0	4.5	2.41	2.7	12.03	18.0	18.0
4	5340	Keystone W Co Montrose District	Jones Lake	160.0	45.0	1.00	0.606	0.628	3.63	30.0	30.0
4	5320	Troy Water Department	Farmer's Valley Dam	18.0	12.0	2.10	0.201	0.165	-17.91	3.4	5.0
4	5320	Keystone Water Co.	Canawacta Dam	222.0	65.0	3.50	1.379	1.133	-17.84	7.0	7.0
4	5340	Keystone Water co.	Mingo Lake	62.0	14.0	0.30	0.171	0.174	1.75	30.0	28.0
4	5165	Mansfield Boro	Taylor Res.	11.0	6.0	1.10	0.113	0.0884	-21.77	4.6	6.3
5	5380	Keystone W Co	Glen Brook Res	73.0	22.0	2.80	0.873	0.75	-14.09	5.4	5.0
6	5555	Roaring Creek	Trout Run	35.0	14.0	2.00	0.408	0.335`	-17.89	4.4	5.2
6	5555	Roaring Creek W Co	Bear Gap	592.0	57.9	12.8	4.829	3.507	-27.38	6.3	7.0
6	5555	Mahanoy Twp Auth	Lofty Dam	115.0	53.0	7.70	1.35	1.104	-18.22	4.1	4.8
6	4485	Hazleton W Auth	Delano Res #1	6.0	5.0	0.20	0.087	0.071	-18.39	3.4	5.0
7	5740	Elizabethtown	Unnamed Dam	16.0	4.0	1.30	0.186	0.139	-25.27	4.9	5.2
8	5430	Emporium W Co	Salt Run Res	43.0	7.0	6.20	0.689	0.52	-24.53	4.1	4.0
8	5410	N Cambria W Co	Spangler Res	20.0	4.0	1.10	0.229	0.202	-11.79	4.5	4.6
8	5420	W Carroll Twp W A	Bakertown Res	12.0	4.0	0.80	0.191	0.161	-15.71	3.7	5.0
8	5410	Pike Twp M A	Bear Run Res	31.0	7.4	3.90	0.617	0.511	-17.18	3.2	4.2
8	5420	Cherry Tree W Co	Pee Row Res	5.0	3.0	1.80	0.217	0.2	-7.83	1.4	2.5
9	6035	Snow Shoe Boro	Snow Shoe Res	14.0	3.0	2	0.265	0.231	-12.83	3.9	5.0
10	5550	Williamsprt Mun W Auth	Mosquito Cr Res	544.0	66.0	12.5	5.17	4.202	-18.72	6.4	7.5
10	5550	Williamsport Mun W Auth	Hagerman Twp Res	517.0	63.0	4.5	2.918	2.504	-14.19	17.6	9.5
11	5600	Bedford Boro W Auth	J C Smith Res	52.0	7.0	0.5	0.288	0.292	1.39	21.0	15.0
11	5600	Bedford Boro W Auth	Todd Spring Res	30.0	3.0	0.6	0.23	0.19	-17.39	6.5	8.0
11	6035	Tri-Count y W Co	Trough Cr Res	6.5	3.0	0.6	0.093	0.07	-24.73	4.3	5.8
15	215	North East Boro	Smith Res	35.0	11.0	2.2	0.413	0.3511	-14.99	4.0	4.3
15	215	North East Boro	Bull Reservoir	900.0	245.0	20.7	7.02	6.366	-9.32	5.7	5.5
15	215	North East Boro	Grahamville Res	14.0	30.0	1.7	0.198	0.21	6.06	3.3	4.2
16	215	Union City	Bentley Run Res	100.0	3.0	2.6	0.935	0.817	-12.62	5.8	5.5
16	105	Bradford W Co	Gilbert Res	206.0	50.0	4.6	1.613	1.324	-17.92	6.0	6.0
16	105	Bradford W Dept	Marilla Brook Res	120.0	20.0	5.1	1.177	1.004	-14.70	4.1	5.8
16	240	Oakland Beach W Co	Conneaut Lake	5591.0	929.0	27.9	23.81	17.67	-25.79	54.0	22.0
17	285	St Mary Area W Auth	Laurel Run	900.0	100.0	8.8	6.114	5.44	-11.02	18.7	8.0
17	340	Rossiter W Co	Straight Br Run	11.0	8.0	1.8	0.265	0.296	11.70	2.7	4.3
17	325	Reynoldsville W Auth	North Branch	20.0	7.0	0.6	0.216	0.168	-22.22	4.5	6.0

Sub	St. No.	Name of CO	Name of Res.	Capacity (MG)	Sur. A Acres	Drain A SMI	QN UPB7 (MGD)	QO B-7 (MGD)	(QO-QN)/ QN %	CD UPB7 Month	CD B-7 Month
17	280	Ridgway Boro	Ridgway	272.0	76.0	30.1	5.729	5.107	-10.86	3.0	3.8
17	340	City of Dubois	Laborde Broach Res	4230.0	390.0	7.56	7.988	7.81	-2.23	60.0	60.0
17	5435	City of Dubois	S Br Res #1	1945.0	200.0	3.78	3.849	3.71	-3.61	54.0	54.0
17	5435	City of Dubois	Baker Run	4115.0	390.0	3.78	3.778	3.54	-6.30	54.0	54.0
17	295	Brockway Boro M A	Whitestone Run	41.5	10.0	5.5	0.946	0.665	-29.70	2.5	4.0
17	340	W Pennsylvania W Co	Clover run Res	30.0	9.0	7	0.868	0.742	-14.52	2.2	3.0
18	400	Greater Johnstown W Auth	N Fork Benscreek	1110.0	94.0	9.8	6.65	6.716	0.99	7.0	7.6
18	425	Nangy-Glo W Auth	Williiams Run Res	225.0	70.0	4.8	2.28	1.805	-20.83	18.0	6.0
18	420	Blacklick Twp W Sys	Spring Run Res	1.7	1.0	0.6	0.083	0.072	-13.25	2.1	3.5
18	410	Greater Johnstown W A	Saltlick Stream	813.0	67.0	11.4	6.047	6.129	1.36	6.9	7.0
18	400	Greater Johnstown W A	Res #2	95.0	15.0	6	1.138	1.24	8.96	3.8	4.0
18	400	Greater Johnstown W A	Delton Run Res	131.0	18.0	4.3	1.183	1.278	8.03	5.3	5.8
18	410	Boro of Portage	Martindale Dam	17.5	5.0	1.2	0.229	0.28	22.27	3.6	4.5
18	410	Highland Sewer & Water	Beaverdam Run Dam	2508.0	360.0	7.5	6.82	7.67	12.46	55.9	54.0
18	410	Highland Sewer & Water	Bear Rock Run Dams	39.7	12.0	1.6	0.442	0.488	10.41	4.6	5.8
18	410	Highland Sewer & Water	Lloydell Dam	207.6	40.0	11.7	2.648	3.126	18.05	4.1	5.0
18	425	WPWC Indiana Dist	Two Lick Cr Res	6000.0	500.0	74	40.32	39.26	-2.63	18.0	7.0
18	440	Blairsville Boro	Trout Run	42.0	7.0	2.4	0.684	0.452	-33.92	4.1	5.1
18	440	Nineveh W Co	Findley Run	18.0	24.0	4.4	0.622	0.569	-8.52	1.8	3.5
18	400	Conemaugh Twp. M	CTMA Res	8.0	6.0	1.8	0.156	0.2	28.21	2.7	3.0
19	745	Uniontown W Co	Hutchinson No 3 Dam	86.0	15.0	2	0.86	0.7	-18.60	6.0	7.0
19	745	Uniontown W Co	Hutchinson No 2 Dam	40.0	7.0	2	0.604	0.51	-15.56	4.8	7.0
19	745	Uniontown W Co	Cool Spring Res	3.0	1.0	3	0.322	0.249	-22.67	0.8	1.0
19	745	Uniontown W Co	Hutchinson #1 Dam	15.0	3.0	2.6	0.509	0.43	-15.52	2.4	3.0
19	745	Redstone W Co	Colonial #1 Dam	56.0	28.0	3.2	0.893	0.824	-7.73	4.5	7.0
19	745	Redstone W Co	Allison Dam	45.0	14.0	0.6	0.344	0.293	-14.83	7.0	7.9
19	725	Albert Gallatin M A	Lake Lynn	23570.0	1729.0	1413	345.93	249.0	-28.02	4.2	4.0
19	860	Citizen Water co	Johnstown Run Dam	210.0	48.0	1.7	1.1	1.21	10.00	8.0	7.0
20	1060	PA American Butler	Thorn Reservoir	1500.0	192.0	6.3	4.323	4.227	-2.22	30.0	42.0
20	1080	Ambridge W Auth	J C Bacon Dam	3500.0	368.0	15.5	9.102	9.35	2.72	54.0	36.0
20	1060	WPWC Butler Dist	Oneida & Boystown Reservoir	662.7	190.0	16.6	3.106	3.84	23.63	7.3	6.0
20	1060	WPWC Butler Dist	Thorn Run Res	206.4	49.0	6.3	1.043	1.315	26.08	7.1	6.0
20	1060	Zelienople Boro	Zelienople Res	55.0	12.0	6.9	0.521	0.666	27.83	5.7	5.0
20	1060	Cramberry Twp M A	Reservoir 5	467.0	95.5	2.3	1.374	1.413	2.84	18.0	32.0
20	1060	Cramberry Twp M A	Reservoir 6	796.4	104.7	1.5	1.204	1.2	-0.33	60.0	54.0
20	1060	Evans City	Likens run	32.0	6.0	3.7	0.298	0.368	23.49	5.9	5.2
20	1080	WPWC McDonald Dist	Cherry Valley	190.0	55.0	5.8	1.252	1.376	9.90	6.0	6.5
20	855	WPWC Washington Dist	Res #3, #4, #1	1185.0	164.0	13.5	6.829	5.713	-16.34	8.0	8.0
20	855	WPWC Washington Dist	Speers Run, Johnson Run	339.0	78.0	2.8	1.682	1.34	-20.33	8.0	18.0
20	855	Claysville boro	Claysville Res	10.0	5.0	0.3	0.099	0.09	-19.19	6.8	8.0
20	730	Claysville-Donegal	Proposed Res	50.0	32.0	0.81	0.246	0.219	-10.98	7.0	8.0

Sub	St. No.	Name of CO	Name of Res.	Capacity (MG)	Sur. A Acres	Drain A SMI	QN UPB7 (MGD)	QO B-7 (MGD)	(QO-QN)/ QN %	CD UPB7 Month	CD B-7 Month

No. of Cases = 86 Average Percent = -6.89811

Sub: Subbasin
Cap'ty: Capacity of a reservoir
Sur A: Surface area of a reservoir
Drain A: Drainage area at intake
QN UPB7: Yield before conservation release from UPB7
QO B-7: Yield before conservation release from B-7
CD UPB7: Critical duration from B-7
CD B-7: Critical duration from UPB7

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STATION = 01429500 DYBERRY CREEK NEAR HONESDALE, PA
AVERAGE FLOW (INCH/MONTH) 1.97550
DRAINAGE AREA (SQ MI) 64.6

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.08604	0.06597	0.05753	0.05418	0.05194	0.04860	0.03076	0.01594
	2.0	2.0	1.0	1.0	1.0	1.0	1.0	0.5
10	0.35179	0.29065	0.26481	0.24809	0.20795	0.18769	0.14533	0.09273
	3.0	3.0	3.0	3.0	3.0	2.0	2.0	1.0
20	1.25070	1.09458	1.02768	0.98308	0.89797	0.85783	0.73294	0.44600
	5.0	5.0	5.0	5.0	4.0	4.0	4.0	3.0
30	2.26464	2.15089	2.05723	1.97083	1.85651	1.76453	1.53038	1.15738
	6.0	6.0	6.0	5.0	5.0	5.0	5.0	4.0
40	3.64245	3.40047	3.29120	3.13548	3.04181	2.94815	2.54672	2.04978
	7.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0
50	6.55727	5.98747	4.67645	4.47110	4.25255	4.13345	3.73202	3.03753
	18.0	18.0	18.0	7.0	7.0	6.0	6.0	5.0
55	8.51570	7.76542	6.45440	5.63286	4.94398	4.81909	4.32467	3.53141
	24.0	18.0	18.0	18.0	7.0	7.0	6.0	5.0
60	10.88630	9.54337	8.23235	7.41081	5.80294	5.51051	4.97973	4.02528
	24.0	18.0	18.0	18.0	18.0	7.0	7.0	5.0
65	13.79422	11.74105	10.27212	9.18876	7.58089	6.53812	5.67116	4.61344
	30.0	24.0	24.0	18.0	18.0	18.0	7.0	6.0
70	16.75747	14.11165	12.64272	10.96671	9.35884	8.31607	6.36258	5.20609
	30.0	24.0	24.0	18.0	18.0	18.0	7.0	6.0
75	20.30048	17.12958	15.35492	13.05219	11.13679	10.09402	7.24484	5.79874
	42.0	42.0	30.0	24.0	18.0	18.0	10.0	6.0
80	25.85013	21.27813	18.32340	15.70975	13.24435	11.87197	8.23259	6.43410
	60.0	42.0	42.0	27.0	24.0	18.0	10.0	7.0
85	31.77663	26.09271	23.06460	18.38849	15.61495	13.64992	9.29229	7.18001
	60.0	60.0	48.0	42.0	24.0	18.0	16.0	8.0
90	37.70313	32.01921	28.40261	23.10237	18.26907	15.42787	10.87269	7.97021
	60.0	60.0	60.0	60.0	27.0	18.0	16.0	8.0
95	43.62963	37.94571	34.32911	29.02887	22.56539	17.90722	12.45309	8.76041
	60.0	60.0	60.0	60.0	60.0	54.0	16.0	8.0
100	49.55613	43.87221	40.25561	34.95537	28.49189	23.24107	14.03349	9.55061
	60.0	60.0	60.0	60.0	60.0	54.0	16.0	8.0

STATION = 01430500 LACKAWAXEN RIVER AT WEST HAWLEY, PA
AVERAGE FLOW (INCH/MONTH) 1.92789
DRAINAGE AREA (SQ MI) 206.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00202	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.06828	0.06240	0.05743	0.04792	0.03777	0.03482	0.02712	0.00674
	1.0	1.0	1.0	1.0	0.5	0.5	0.5	0.5
20	0.41048	0.37818	0.34378	0.32387	0.29126	0.26410	0.19181	0.12887
	4.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0
30	1.18164	1.06212	1.02227	0.95709	0.86472	0.76331	0.60644	0.37803
	4.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0
40	2.17403	2.00833	1.86374	1.75963	1.69399	1.55363	1.24833	0.85476
	6.0	6.0	5.0	5.0	5.0	5.0	4.0	3.0
50	3.40735	3.20769	3.00487	2.84181	2.65794	2.51758	2.08748	1.52873
	7.0	7.0	7.0	6.0	5.0	5.0	5.0	4.0
55	4.08211	3.88245	3.67963	3.42018	3.21101	2.99955	2.60526	1.91752
	7.0	7.0	7.0	6.0	6.0	5.0	5.0	5.0
60	4.75687	4.55721	4.35439	4.07867	3.78937	3.55033	3.18362	2.39949
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
65	5.43163	5.23197	5.02915	4.75343	4.38264	4.20834	3.78685	2.92805
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
70	7.78270	6.09342	5.70391	5.42819	5.09535	4.88310	4.46161	3.50642
	27.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
75	12.11390	8.69273	7.21016	6.70833	5.86651	5.62385	5.13637	4.08479
	54.0	42.0	18.0	18.0	8.0	8.0	7.0	6.0
80	17.31920	13.48483	11.65583	9.29357	7.30641	6.65979	5.81113	4.70193
	54.0	54.0	54.0	54.0	27.0	18.0	7.0	7.0
85	22.52450	19.26850	16.86113	14.49887	11.18507	9.13222	6.55044	5.37670
	54.0	54.0	54.0	54.0	54.0	42.0	8.0	7.0
90	27.72980	25.05217	22.06643	19.70417	16.60960	14.61597	7.32160	6.05146
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	7.0
95	32.93511	30.83584	27.27174	24.90948	22.39327	20.39964	10.12776	6.72622
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
100	38.63989	36.61951	32.47704	30.15642	28.17694	26.18331	13.01959	7.44052
	60.0	60.0	54.0	54.0	54.0	54.0	30.0	8.0

STATION = 01431000 MIDDLE CREEK NEAR HAWLEY, PA
AVERAGE FLOW (INCH/MONTH) 1.93698
DRAINAGE AREA (SQ MI) 78.4

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.06342	0.05950	0.05654	0.04966	0.04474	0.03983	0.03000	0.01794
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5
10	0.29111	0.26255	0.24192	0.21635	0.20061	0.17898	0.13965	0.09243
	4.0	3.0	3.0	2.0	2.0	2.0	2.0	1.0
20	1.13083	0.97937	0.90859	0.86926	0.81813	0.74735	0.62544	0.42284
	5.0	4.0	4.0	4.0	4.0	4.0	4.0	2.0
30	2.09932	1.85261	1.78470	1.73554	1.65690	1.61266	1.40024	0.96169
	5.0	5.0	5.0	5.0	5.0	5.0	4.0	3.0
40	3.26951	3.09059	2.92631	2.82014	2.62539	2.58115	2.29604	1.75532
	7.0	7.0	6.0	6.0	5.0	5.0	5.0	5.0
50	4.62540	4.44648	4.21248	4.01292	3.84088	3.71700	3.42195	2.72381
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
55	5.30334	5.12442	4.89042	4.69086	4.51882	4.39494	4.00304	3.23620
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
60	8.24109	5.98589	5.56837	5.36881	5.19677	5.07289	4.61180	3.81730
	54.0	27.0	7.0	7.0	7.0	7.0	7.0	6.0
65	13.47094	10.28567	8.79045	6.83818	5.87471	5.75083	5.28974	4.39839
	54.0	54.0	54.0	54.0	7.0	7.0	7.0	6.0
70	18.70078	16.01938	14.02029	12.06802	9.32934	7.61378	5.96768	4.98357
	54.0	54.0	54.0	54.0	54.0	42.0	7.0	7.0
75	23.93063	21.83032	19.25014	17.29787	14.85297	13.20535	6.66693	5.66152
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	7.0
80	29.31099	27.64126	24.47999	22.52772	20.66391	19.01629	9.44857	6.33946
	60.0	60.0	54.0	54.0	54.0	54.0	30.0	7.0
85	35.12193	33.45220	29.86567	28.11080	26.47485	24.82723	12.35404	7.01740
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0
90	40.93287	39.26314	35.67661	33.92174	32.28579	30.63817	15.25951	7.69534
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0
95	46.74381	45.07408	41.48755	39.73268	38.09673	36.44911	18.16498	8.37329
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0
100	52.55475	50.88502	47.29849	45.54362	43.90767	42.26005	21.07045	9.07799
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	8.0

STATION = 01431500 LACKAWAXEN RIVER AT HAWLEY, PA
AVERAGE FLOW (INCH/MONTH) 1.88485
DRAINAGE AREA (SQ MI) 290.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.06036	0.05095	0.04954	0.04013	0.03683	0.03260	0.02300	0.01065
	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5
10	0.29161	0.23166	0.20410	0.18081	0.17135	0.14876	0.11155	0.07015
	3.0	3.0	3.0	3.0	2.0	2.0	1.0	1.0
20	1.11554	0.98560	0.91220	0.86796	0.81997	0.77668	0.64682	0.38222
	5.0	4.0	4.0	4.0	4.0	4.0	4.0	2.0
30	2.22734	2.01786	1.91622	1.83999	1.73095	1.66037	1.42512	1.04975
	7.0	6.0	6.0	6.0	5.0	5.0	5.0	4.0
40	3.54674	3.27996	3.12022	2.97090	2.85232	2.75211	2.42179	1.91935
	7.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0
50	6.08047	4.95185	4.51641	4.26011	3.99003	3.88302	3.55270	2.86178
	18.0	18.0	16.0	7.0	7.0	6.0	6.0	5.0
55	7.77683	7.09167	6.11544	5.45996	4.64972	4.51962	4.11815	3.40250
	18.0	18.0	18.0	18.0	7.0	7.0	6.0	6.0
60	10.30133	9.35349	7.81181	7.15633	5.79195	5.17932	4.73302	3.96795
	36.0	24.0	18.0	18.0	18.0	7.0	7.0	6.0
65	13.69406	11.64764	10.29466	8.85270	7.48832	6.38977	5.39272	4.53341
	36.0	36.0	30.0	18.0	18.0	18.0	7.0	6.0
70	17.25884	15.04037	13.12193	10.81298	9.18468	8.08613	6.13840	5.09886
	42.0	36.0	30.0	27.0	18.0	18.0	10.0	6.0
75	21.21703	18.43310	15.94921	13.35753	11.35801	9.78250	7.08083	5.68284
	42.0	36.0	30.0	27.0	27.0	18.0	10.0	7.0
80	25.45902	22.21333	19.33974	15.90208	13.90256	11.47886	8.24797	6.34254
	48.0	48.0	42.0	27.0	27.0	18.0	16.0	7.0
85	30.37480	26.73697	23.29793	18.44663	16.44711	13.72201	9.75585	7.07844
	60.0	48.0	42.0	27.0	27.0	24.0	16.0	8.0
90	36.02935	32.10130	28.85148	22.72840	18.99165	15.98383	11.26373	7.83238
	60.0	60.0	60.0	60.0	27.0	24.0	16.0	8.0
95	41.68390	37.75585	34.50603	28.38295	22.29950	18.27221	12.80405	8.58632
	60.0	60.0	60.0	60.0	60.0	30.0	18.0	8.0
100	47.33845	43.41040	40.16058	34.03750	27.95405	21.54506	14.50041	9.34026
	60.0	60.0	60.0	60.0	60.0	54.0	18.0	8.0

STATION = 01439500 BUSH KILL AT SHOEMAKERS, PA
AVERAGE FLOW (INCH/MONTH) 2.26612
DRAINAGE AREA (SQ MI) 117.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00048	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.08556	0.06447	0.05770	0.05091	0.03804	0.03325	0.02478	0.00409
	2.0	1.0	1.0	1.0	1.0	0.5	0.5	0.5
10	0.31217	0.28310	0.23756	0.22399	0.19281	0.17245	0.12082	0.06075
	2.0	2.0	2.0	2.0	2.0	2.0	1.0	0.5
20	1.08047	1.03165	0.92042	0.86887	0.80627	0.75338	0.58452	0.31372
	4.0	4.0	4.0	4.0	3.0	3.0	3.0	2.0
30	2.35780	2.08517	2.05300	1.89363	1.70374	1.61558	1.33857	0.85746
	6.0	6.0	5.0	5.0	5.0	5.0	4.0	3.0
40	3.71747	3.56326	3.39709	3.18444	3.00538	2.86704	2.30103	1.66179
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	4.0
50	5.33180	5.14954	4.98337	4.68905	4.38523	4.22671	3.50241	2.58637
	8.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
55	6.70151	5.94268	5.77651	5.48219	5.17837	4.90655	4.18620	3.15290
	18.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
60	8.74102	7.18508	6.56965	6.31461	5.97151	5.67244	4.97934	3.71943
	18.0	12.0	7.0	7.0	7.0	7.0	7.0	5.0
65	10.83329	8.76245	7.69708	7.25626	6.76466	6.46559	5.77249	4.30086
	42.0	18.0	10.0	10.0	7.0	7.0	7.0	6.0
70	15.59214	11.14102	9.51827	8.38932	7.82643	7.42631	6.56563	4.98069
	42.0	24.0	24.0	10.0	10.0	10.0	7.0	6.0
75	20.35099	14.06198	12.23761	10.39199	9.30219	8.55937	7.43345	5.66053
	42.0	42.0	24.0	18.0	18.0	10.0	8.0	6.0
80	25.10984	18.82083	15.44450	13.08874	11.97898	9.93727	8.33990	6.34037
	42.0	42.0	42.0	24.0	24.0	18.0	8.0	6.0
85	30.45450	25.36127	20.88319	16.27931	14.69833	12.15214	9.27925	7.11736
	60.0	60.0	48.0	30.0	24.0	24.0	10.0	7.0
90	37.25286	32.15963	26.32187	21.90608	17.89541	15.55132	10.41231	7.91051
	60.0	60.0	48.0	48.0	48.0	30.0	10.0	7.0
95	44.05122	38.95799	32.66114	28.70444	24.01394	20.25845	11.64199	8.70365
	60.0	60.0	60.0	60.0	54.0	54.0	18.0	7.0
100	50.84958	45.75635	39.45950	35.50280	30.13246	26.37697	13.68150	9.49679
	60.0	60.0	60.0	60.0	54.0	54.0	18.0	7.0

STATION = 01440400 BRODHEAD CREEK NEAR ANALOMINK, PA
AVERAGE FLOW (INCH/MONTH) 2.34698
DRAINAGE AREA(SQ MI) 65.9

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.05119	0.03651	0.03433	0.03105	0.02340	0.02044	0.01498	0.00296
	2.0	1.0	1.0	1.0	1.0	0.5	0.5	0.5
10	0.34456	0.28791	0.24204	0.22690	0.20068	0.18758	0.13295	0.08286
	4.0	3.0	3.0	2.0	2.0	2.0	2.0	1.0
20	1.36793	1.14790	1.04740	0.99933	0.92943	0.87263	0.73313	0.43632
	6.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0
30	2.77611	2.42221	2.25179	2.10042	2.01304	1.90381	1.62792	1.09641
	6.0	6.0	6.0	5.0	5.0	5.0	4.0	3.0
40	4.24658	3.91059	3.76531	3.50534	3.36506	3.12255	2.77691	2.00742
	18.0	7.0	7.0	7.0	6.0	6.0	5.0	4.0
50	8.47114	5.99390	5.40820	5.14823	4.89590	4.66651	4.11783	3.06013
	18.0	18.0	7.0	7.0	7.0	7.0	6.0	5.0
55	10.58342	8.10618	6.65880	5.96967	5.71734	5.48795	4.82192	3.64687
	18.0	18.0	14.0	7.0	7.0	7.0	6.0	5.0
60	12.69570	10.21846	8.35356	6.79112	6.53879	6.30940	5.52602	4.23362
	18.0	18.0	16.0	7.0	7.0	7.0	6.0	5.0
65	15.00057	12.33075	10.23114	8.55216	7.36023	7.13084	6.23011	4.87998
	27.0	18.0	16.0	16.0	7.0	7.0	6.0	6.0
70	18.16899	14.84681	12.54711	10.66444	8.82955	8.14892	6.95061	5.58408
	27.0	24.0	24.0	18.0	14.0	10.0	7.0	6.0
75	22.49771	17.66319	15.36349	12.77672	10.67439	9.72955	7.83683	6.28817
	54.0	24.0	24.0	18.0	16.0	14.0	10.0	6.0
80	28.83456	22.02328	18.17987	14.88900	12.55197	11.37244	9.01032	7.10245
	54.0	42.0	24.0	18.0	16.0	14.0	10.0	7.0
85	35.17140	26.99563	23.93073	18.81339	14.94612	13.01532	10.18381	7.92389
	54.0	54.0	54.0	42.0	24.0	14.0	10.0	7.0
90	41.87358	33.33248	30.26758	24.36838	19.43297	16.12841	11.35730	8.85864
	60.0	54.0	54.0	48.0	48.0	30.0	10.0	8.0
95	48.91452	39.66932	36.95101	30.00113	26.47391	19.95319	12.53079	9.79743
	60.0	54.0	54.0	48.0	48.0	42.0	10.0	8.0
100	55.95546	46.39965	43.99195	36.66375	33.51485	25.63921	13.70790	10.73622
	60.0	60.0	60.0	60.0	60.0	60.0	21.0	8.0

STATION = 01441000 MCMICHAELS CREEK AT STROUDSBURG, PA
AVERAGE FLOW (INCH/MONTH) 2.08902
DRAINAGE AREA (SQ MI) 65.3

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.00804	0.00519	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
20	0.18214	0.15644	0.14357	0.12786	0.11359	0.10216	0.07179	0.04037
	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5
30	0.68440	0.58615	0.52616	0.45076	0.42790	0.39076	0.28507	0.18111
	4.0	3.0	3.0	2.0	2.0	2.0	2.0	1.0
40	1.57867	1.34291	1.22866	1.11439	0.97157	0.92577	0.75867	0.47437
	5.0	4.0	4.0	4.0	4.0	3.0	3.0	2.0
50	2.62509	2.31611	2.16615	2.07331	1.89478	1.81623	1.47583	0.92691
	6.0	5.0	5.0	5.0	5.0	5.0	4.0	3.0
55	3.32388	2.93396	2.76400	2.63403	2.44627	2.35202	1.95285	1.25379
	7.0	7.0	7.0	7.0	6.0	6.0	5.0	4.0
60	4.05503	3.66511	3.49515	3.36518	3.13524	2.97872	2.55023	1.71102
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
65	4.78619	4.41874	4.24735	4.09634	3.86640	3.67644	3.17694	2.23327
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
70	6.11427	5.28754	5.08296	4.82750	4.59756	4.40760	3.85774	2.76676
	18.0	18.0	8.0	7.0	7.0	7.0	7.0	6.0
75	8.54753	7.45491	5.99952	5.55865	5.37013	5.13875	4.58889	3.39347
	27.0	27.0	18.0	7.0	7.0	7.0	7.0	6.0
80	13.79216	11.01452	8.92205	7.18226	6.20574	5.89725	5.32005	4.06036
	54.0	54.0	42.0	27.0	8.0	8.0	7.0	7.0
85	19.43252	16.65488	14.24084	11.54970	9.06269	7.27340	6.05121	4.79152
	54.0	54.0	54.0	54.0	54.0	18.0	7.0	7.0
90	25.07287	22.31755	20.38293	17.81676	15.32975	13.21485	6.83720	5.52268
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	7.0
95	30.98997	28.58461	26.64999	24.08382	21.59681	19.48191	9.96307	6.25383
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0
100	37.25703	34.85167	32.91705	30.35088	27.86387	25.74897	13.09660	7.05735

STATION = 01442500 BRODHEAD CREEK AT MINISINK HILLS, PA
AVERAGE FLOW (INCH/MONTH) 2.47581
DRAINAGE AREA (SQ MI) 259.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.01127	0.00741	0.00648	0.00330	0.00116	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.5	0.0	0.0	0.0
10	0.19961	0.17091	0.15337	0.11562	0.10273	0.09741	0.07774	0.04618
	2.0	2.0	2.0	2.0	1.0	1.0	1.0	0.5
20	1.09241	0.97281	0.88137	0.84841	0.74554	0.70808	0.57413	0.33330
	5.0	5.0	4.0	4.0	3.0	3.0	3.0	2.0
30	2.59267	2.30681	2.19359	2.06760	1.90771	1.82798	1.54226	1.03713
	7.0	6.0	6.0	6.0	5.0	5.0	5.0	4.0
40	4.48784	3.95364	3.71922	3.57968	3.37448	3.25169	2.84344	2.07850
	18.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
50	8.94430	6.58880	5.57500	5.31275	5.07275	4.90717	4.32893	3.31641
	18.0	14.0	10.0	7.0	7.0	7.0	6.0	5.0
55	11.17253	8.39648	7.13659	6.33184	6.01556	5.77370	5.12067	3.93536
	18.0	18.0	18.0	10.0	10.0	7.0	7.0	5.0
60	13.40076	10.62471	9.36482	7.56974	7.25346	6.64023	5.98720	4.64710
	18.0	18.0	18.0	10.0	10.0	7.0	7.0	6.0
65	15.62899	12.97515	11.59305	9.48130	8.49137	7.72592	6.85374	5.38984
	18.0	18.0	18.0	16.0	10.0	10.0	7.0	6.0
70	20.17020	16.33640	13.82128	11.46195	9.72927	8.96382	7.72027	6.13258
	42.0	42.0	18.0	16.0	10.0	10.0	7.0	6.0
75	26.16606	21.53561	16.77673	14.27773	11.08104	10.20173	8.80903	6.96632
	54.0	42.0	24.0	24.0	16.0	10.0	10.0	7.0
80	32.85074	27.15082	19.74770	17.24870	13.30880	11.43963	10.04693	7.83286
	54.0	54.0	24.0	24.0	18.0	10.0	10.0	7.0
85	39.53543	33.83551	24.44014	20.21967	16.28473	13.29040	11.28484	8.69939
	54.0	54.0	54.0	24.0	24.0	21.0	10.0	7.0
90	46.22012	40.52020	31.86757	25.03752	19.99845	16.32926	12.52274	9.62269
	54.0	54.0	54.0	42.0	30.0	27.0	10.0	8.0
95	52.90480	47.20488	39.29500	31.15923	25.80791	20.99720	13.76065	10.61302
	54.0	54.0	54.0	54.0	54.0	54.0	10.0	8.0
100	59.58949	54.42201	46.72243	38.58666	32.49260	28.42463	15.15789	11.60334
	54.0	54.0	54.0	54.0	54.0	54.0	21.0	8.0

STATION = 01446600 MARTINS CREEK NEAR EAST BANGOR, PA
AVERAGE FLOW (INCH/MONTH) 1.82716
DRAINAGE AREA (SQ MI) 10.4

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00532	0.00532	0.00532	0.00532	0.00532	0.00150	0.00150	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0
5	0.15955	0.12164	0.10637	0.09110	0.07584	0.06846	0.05319	0.02659
	3.0	2.0	2.0	2.0	2.0	1.0	1.0	0.5
10	0.43363	0.38782	0.34201	0.31910	0.29620	0.27330	0.21274	0.11401
	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.0
20	1.32884	1.18482	1.10186	1.06369	0.97311	0.91203	0.75933	0.47789
	7.0	6.0	5.0	5.0	4.0	4.0	4.0	3.0
30	2.60786	2.39409	2.23376	1.97727	1.86276	1.82458	1.51919	1.09319
	7.0	7.0	7.0	5.0	5.0	5.0	5.0	4.0
40	3.88687	3.67310	3.51277	3.24555	3.03178	2.82770	2.43277	1.86017
	7.0	7.0	7.0	7.0	7.0	6.0	5.0	5.0
50	5.25538	5.01306	4.79178	4.52456	4.31079	4.04357	3.51173	2.77375
	18.0	10.0	7.0	7.0	7.0	7.0	6.0	5.0
55	6.89982	6.07918	5.62126	5.31587	4.95030	4.68308	4.05988	3.23054
	18.0	18.0	10.0	10.0	7.0	7.0	6.0	5.0
60	8.65931	7.72363	6.53484	6.22945	5.77137	5.38963	4.73925	3.69186
	21.0	18.0	10.0	10.0	10.0	10.0	8.0	6.0
65	12.07181	9.36807	8.10709	7.14303	6.68495	6.30321	5.47011	4.24000
	42.0	18.0	18.0	10.0	10.0	10.0	8.0	6.0
70	15.90884	11.96996	9.75154	8.44570	7.59853	7.21679	6.20098	4.78815
	42.0	42.0	18.0	18.0	10.0	10.0	8.0	6.0
75	19.83168	16.09121	12.14679	10.09014	8.93395	8.13037	6.93184	5.40491
	54.0	48.0	48.0	18.0	16.0	10.0	8.0	8.0
80	24.76501	20.47639	17.62827	12.58646	10.39568	9.24946	7.82241	6.13577
	54.0	48.0	48.0	48.0	16.0	16.0	10.0	8.0
85	29.89497	24.93537	23.10975	16.97165	12.54164	10.80247	8.73599	6.86664
	60.0	54.0	54.0	48.0	27.0	18.0	10.0	8.0
90	35.37645	30.16698	28.59123	21.99254	15.82188	13.40926	9.64957	7.59750
	60.0	60.0	60.0	60.0	42.0	30.0	10.0	8.0
95	40.85793	35.64846	34.07271	27.47402	19.65891	16.15000	10.56315	8.32837
	60.0	60.0	60.0	60.0	42.0	30.0	10.0	8.0
100	46.33941	41.12994	39.55419	32.95550	24.76825	19.75090	11.47673	9.05923

STATION = 01447500 LEHIGH RIVER AT STODDARTSVILLE, PA
AVERAGE FLOW (INCH/MONTH) 2.32249
DRAINAGE AREA (SQ MI) 91.7

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.01577	0.01134	0.00973	0.00812	0.00491	0.00370	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0
10	0.18260	0.14877	0.12623	0.10660	0.09291	0.08809	0.06875	0.03718
	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.5
20	0.93337	0.76284	0.70485	0.65411	0.61304	0.55505	0.43447	0.23736
	4.0	3.0	3.0	3.0	3.0	3.0	2.0	1.0
30	2.10250	1.77871	1.74489	1.59906	1.47576	1.38877	1.12460	0.68881
	6.0	6.0	6.0	5.0	4.0	4.0	4.0	3.0
40	3.58529	3.25552	3.13839	2.91609	2.78078	2.61648	2.19650	1.48013
	8.0	7.0	6.0	6.0	6.0	6.0	5.0	4.0
50	6.26673	4.88127	4.68295	4.37386	4.18779	4.00997	3.46872	2.41944
	18.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
55	8.35697	6.71770	5.61195	5.29623	5.00066	4.70672	4.16547	3.00006
	18.0	18.0	8.0	8.0	7.0	6.0	6.0	5.0
60	10.44721	8.80794	6.69420	6.25123	5.81353	5.49781	4.86221	3.58068
	18.0	18.0	10.0	10.0	7.0	7.0	6.0	5.0
65	12.58616	11.19489	8.48868	7.41248	6.88895	6.33590	5.55896	4.16130
	24.0	24.0	18.0	10.0	10.0	8.0	6.0	5.0
70	15.37315	13.98188	10.91332	9.90384	8.05019	7.43002	6.35115	4.84461
	24.0	24.0	24.0	24.0	10.0	10.0	7.0	6.0
75	19.29090	16.76887	13.70031	12.69083	9.21144	8.59127	7.16940	5.54136
	54.0	24.0	24.0	24.0	10.0	10.0	8.0	6.0
80	25.89320	19.55586	16.57093	15.47782	11.04819	9.75251	8.22221	6.26296
	60.0	24.0	24.0	24.0	18.0	10.0	10.0	7.0
85	32.86067	25.64279	23.53840	18.26481	13.67096	11.76033	9.38346	7.07584
	60.0	60.0	60.0	24.0	24.0	18.0	10.0	7.0
90	39.82814	32.61026	30.50587	23.60006	17.69145	14.22107	10.54470	7.88871
	60.0	60.0	60.0	54.0	36.0	30.0	10.0	7.0
95	46.79561	39.57773	37.47334	29.87079	22.73499	18.12550	11.70595	8.70158
	60.0	60.0	60.0	54.0	48.0	42.0	10.0	7.0
100	53.76308	46.54520	44.44081	36.14151	28.65411	23.37979	13.77859	9.51445
	60.0	60.0	60.0	54.0	54.0	48.0	21.0	7.0

STATION = 01447720 TOBYHANNA CREEK NEAR BLAKESLEE, PA
AVERAGE FLOW (INCH/MONTH) 1.58642
DRAINAGE AREA (SQ MI) 118.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.05320	0.04895	0.04584	0.03693	0.02797	0.02640	0.01769	0.00857
	1.0	1.0	1.0	1.0	0.5	0.5	0.5	0.5
20	0.42855	0.37273	0.35064	0.32273	0.28436	0.26400	0.19578	0.12463
	3.0	3.0	3.0	3.0	3.0	2.0	2.0	1.0
30	1.09271	0.98805	0.90518	0.82765	0.77338	0.72221	0.61144	0.36421
	5.0	5.0	4.0	4.0	4.0	4.0	3.0	2.0
40	2.10304	1.90262	1.67701	1.50605	1.44016	1.36457	1.16452	0.76873
	7.0	6.0	6.0	5.0	5.0	5.0	4.0	3.0
50	4.18946	2.85447	2.62886	2.44746	2.29913	2.15778	1.93682	1.30914
	18.0	6.0	6.0	6.0	6.0	5.0	5.0	4.0
55	5.61724	4.03390	3.36445	2.99818	2.85438	2.64816	2.33343	1.62642
	18.0	16.0	16.0	7.0	7.0	7.0	5.0	4.0
60	7.04502	5.30303	4.63358	3.77475	3.40962	3.20340	2.73003	1.99742
	18.0	16.0	16.0	14.0	7.0	7.0	5.0	5.0
65	9.17893	6.57217	5.90272	4.88524	4.05158	3.75865	3.13099	2.39403
	27.0	16.0	16.0	14.0	10.0	7.0	6.0	5.0
70	11.32060	8.15061	7.58504	5.99574	5.08347	4.77813	3.77107	2.79063
	27.0	24.0	24.0	14.0	14.0	14.0	10.0	5.0
75	13.46227	10.29367	9.48874	7.33266	6.19396	5.88862	4.56428	3.21128
	27.0	27.0	24.0	24.0	14.0	14.0	10.0	7.0
80	16.12490	13.64239	11.39244	9.23636	7.30445	6.99911	5.35749	3.81154
	54.0	54.0	24.0	24.0	14.0	14.0	10.0	8.0
85	20.44957	17.92573	14.81012	11.52550	9.08142	8.10961	6.15070	4.44611
	60.0	54.0	54.0	48.0	24.0	14.0	10.0	8.0
90	25.20883	22.20906	19.09345	15.33290	12.84369	10.17554	6.94391	5.08067
	60.0	54.0	54.0	48.0	48.0	42.0	10.0	8.0
95	29.96809	26.49240	23.37679	20.06205	17.60295	13.50702	7.73712	5.71524
	60.0	54.0	54.0	54.0	54.0	42.0	10.0	8.0
100	34.72735	30.77573	27.80259	24.82131	22.36221	18.02149	9.33460	6.34981
	60.0	54.0	54.0	54.0	54.0	54.0	21.0	8.0

STATION = 01448000 LEHIGH RIVER AT TANNERY, PA
AVERAGE FLOW (INCH/MONTH) 2.34464
DRAINAGE AREA (SQ MI) 322.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.05134	0.03990	0.03236	0.02889	0.01847	0.01397	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0
20	0.31108	0.27865	0.23578	0.21173	0.19783	0.19001	0.14830	0.07703
	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.5
30	1.11631	0.96801	0.88922	0.78423	0.71558	0.65996	0.53381	0.31137
	4.0	4.0	4.0	3.0	3.0	3.0	2.0	2.0
40	2.07502	1.99854	1.82707	1.69037	1.53280	1.48414	1.23273	0.85852
	6.0	5.0	4.0	4.0	4.0	4.0	4.0	3.0
50	3.48180	3.22462	2.92467	2.76537	2.66255	2.58435	2.21073	1.61217
	6.0	6.0	5.0	5.0	5.0	5.0	5.0	4.0
55	4.24002	3.92801	3.59955	3.43446	3.24871	3.17051	2.79689	2.08110
	7.0	6.0	6.0	6.0	5.0	5.0	5.0	4.0
60	5.06065	4.70383	4.30294	4.13785	3.88933	3.77638	3.40622	2.64737
	7.0	7.0	6.0	6.0	6.0	6.0	6.0	5.0
65	6.06227	5.53257	5.12300	4.86551	4.60195	4.47978	4.10962	3.23353
	18.0	18.0	7.0	7.0	7.0	6.0	6.0	5.0
70	8.60428	7.64274	6.19606	5.68614	5.42258	5.29282	4.85083	3.81969
	27.0	18.0	18.0	7.0	7.0	7.0	7.0	5.0
75	13.33193	10.01105	8.53110	7.44124	6.67169	6.11344	5.67145	4.52236
	54.0	27.0	27.0	18.0	18.0	7.0	7.0	6.0
80	19.66246	16.64547	13.80971	12.40260	8.78187	7.44509	6.49207	5.22575
	54.0	54.0	54.0	54.0	18.0	18.0	7.0	6.0
85	25.99299	23.67939	20.14024	18.73313	14.83916	13.06714	7.31270	5.96647
	54.0	54.0	54.0	54.0	54.0	54.0	7.0	7.0
90	32.32351	30.71331	26.47076	25.06365	21.75189	20.10106	9.07443	6.78709
	54.0	54.0	54.0	54.0	54.0	54.0	21.0	7.0
95	38.89700	37.74723	33.34341	31.39418	28.78581	27.13498	12.09040	7.60772
	60.0	60.0	60.0	54.0	54.0	54.0	27.0	7.0
100	45.93092	44.78115	40.37733	37.72471	35.81973	34.16890	15.25566	8.42834
	60.0	60.0	60.0	54.0	54.0	54.0	27.0	7.0

STATION = 01448500 DILLDOWN CREEK NEAR LONG POND, PA
AVERAGE FLOW (INCH/MONTH) 2.30891
DRAINAGE AREA (SQ MI) 2.4

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00934	0.00934	0.00934	0.00934	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0
10	0.10190	0.06964	0.06964	0.06707	0.05095	0.05095	0.03483	0.00258
	1.0	1.0	1.0	0.5	0.5	0.5	0.5	0.5
20	0.51460	0.41785	0.34306	0.34306	0.27856	0.27856	0.21407	0.13928
	3.0	3.0	2.0	2.0	2.0	2.0	2.0	1.0
30	1.22271	1.22271	1.09371	1.09371	0.96470	0.83569	0.72352	0.48236
	4.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0
40	2.36033	2.19908	2.03784	2.03784	1.88827	1.75926	1.63028	1.24328
	5.0	5.0	5.0	5.0	4.0	4.0	4.0	4.0
50	4.07988	3.44376	3.25025	3.19230	3.05677	2.86980	2.70855	2.22480
	18.0	6.0	6.0	5.0	5.0	5.0	5.0	5.0
55	6.39051	5.48753	4.50925	3.78485	3.74944	3.55593	3.36242	2.80202
	27.0	27.0	18.0	18.0	6.0	6.0	6.0	5.0
60	11.62397	9.32841	7.54898	6.04849	5.08515	4.53242	4.05510	3.37925
	54.0	54.0	42.0	27.0	18.0	18.0	6.0	5.0
65	17.85803	15.56247	13.66390	11.54309	9.48772	7.73986	4.74777	3.97380
	54.0	54.0	54.0	54.0	54.0	54.0	6.0	6.0
70	24.17738	22.18948	20.59063	18.46982	16.41445	14.66659	7.51686	4.66647
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	6.0
75	31.10411	29.11621	27.51736	25.39655	23.34118	21.59332	10.98023	5.35915
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	6.0
80	38.03084	36.04294	34.44409	32.32328	30.26791	28.52005	14.44359	6.15744
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0
85	44.95757	42.96967	41.37082	39.25001	37.19464	35.44678	17.90696	6.96555
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0
90	51.88430	49.89640	48.29755	46.17674	44.12137	42.37351	21.37032	7.85220
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	8.0
95	58.81103	56.82313	55.22428	53.10347	51.04810	49.30024	24.83369	8.77577
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	8.0
100	65.73776	63.74986	62.15101	60.03020	57.97483	56.22697	28.29705	9.90503
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	12.0

STATION = 01450500 AQUASHICOLA CREEK AT PALMERTON, PA
AVERAGE FLOW (INCH/MONTH) 2.24712
DRAINAGE AREA (SQ MI) 76.7

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.08561	0.06226	0.05351	0.05059	0.03600	0.03017	0.02141	0.00099
	1.0	1.0	1.0	1.0	0.5	0.5	0.5	0.5
20	0.60706	0.54870	0.46699	0.40863	0.35608	0.33468	0.25298	0.16345
	3.0	3.0	3.0	3.0	2.0	2.0	2.0	1.0
30	1.80369	1.59359	1.38149	1.23558	1.11686	1.00792	0.81722	0.51563
	6.0	6.0	5.0	5.0	4.0	4.0	3.0	2.0
40	3.19113	2.94186	2.72404	2.50998	2.38741	2.20650	1.77460	1.14027
	10.0	6.0	6.0	6.0	6.0	6.0	6.0	4.0
50	5.61266	5.15616	4.62117	4.29045	3.89925	3.67060	3.12287	2.11118
	16.0	10.0	10.0	10.0	8.0	7.0	6.0	5.0
55	7.41036	6.27972	5.74473	5.41401	5.00548	4.53354	3.83066	2.67296
	16.0	10.0	10.0	10.0	10.0	8.0	7.0	5.0
60	9.51030	7.85133	7.26147	6.53757	6.12904	5.49677	4.61715	3.23474
	30.0	14.0	14.0	10.0	10.0	10.0	7.0	5.0
65	12.88098	10.14872	8.83445	7.66113	7.25260	6.62033	5.44411	3.89633
	30.0	24.0	14.0	10.0	10.0	10.0	8.0	6.0
70	16.25166	12.84527	11.42919	9.32108	8.37616	7.74389	6.34296	4.57046
	30.0	24.0	24.0	18.0	10.0	10.0	8.0	6.0
75	20.70951	16.12906	14.12573	11.36293	9.49972	8.86745	7.24181	5.24460
	42.0	30.0	24.0	24.0	10.0	10.0	8.0	6.0
80	26.53859	20.19989	16.82227	14.05947	10.95266	9.99101	8.26931	5.96555
	60.0	60.0	24.0	24.0	18.0	10.0	10.0	7.0
85	33.27995	26.94125	21.05187	16.75602	12.99331	11.42262	9.39287	6.75204
	60.0	60.0	42.0	24.0	24.0	21.0	10.0	7.0
90	40.02131	33.68261	26.30177	22.06429	16.36399	14.15660	10.51643	7.53854
	60.0	60.0	60.0	54.0	30.0	30.0	10.0	7.0
95	46.76267	40.42397	33.04313	28.13152	22.24268	18.67720	11.63999	8.32503
	60.0	60.0	60.0	54.0	54.0	48.0	10.0	7.0
100	53.50403	47.16533	39.78449	34.19874	28.30990	24.07029	12.85717	9.19923
	60.0	60.0	60.0	54.0	54.0	48.0	21.0	8.0

STATION = 01451500 LITTLE LEHIGH CREEK NEAR ALLENTOWN, PA
AVERAGE FLOW (INCH/MONTH) 1.39091
DRAINAGE AREA (SQ MI) 80.8

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.06069	0.06069	0.05978	0.05887	0.05796	0.05705	0.04977	0.01624
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5
30	0.31186	0.27176	0.25264	0.22261	0.20665	0.19614	0.18886	0.12698
	5.0	3.0	3.0	3.0	2.0	1.0	1.0	1.0
40	1.02169	0.89429	0.77982	0.73432	0.67846	0.63842	0.51102	0.29556
	7.0	7.0	5.0	5.0	4.0	4.0	4.0	2.0
50	1.99645	1.86793	1.67683	1.55580	1.41544	1.34446	1.14313	0.67790
	8.0	7.0	7.0	7.0	6.0	6.0	5.0	4.0
55	2.60491	2.35625	2.21065	2.04261	1.86425	1.76173	1.49085	0.95608
	18.0	8.0	8.0	7.0	7.0	6.0	5.0	4.0
60	3.85673	2.91262	2.76702	2.52943	2.35107	2.19818	1.90054	1.27894
	18.0	8.0	8.0	7.0	7.0	7.0	6.0	5.0
65	5.10855	3.62210	3.32338	3.01625	2.83789	2.68500	2.31781	1.62667
	18.0	14.0	8.0	7.0	7.0	7.0	6.0	5.0
70	6.51262	5.05450	4.24113	3.55215	3.32471	3.17182	2.73508	2.04167
	42.0	21.0	21.0	8.0	7.0	7.0	6.0	6.0
75	9.43353	6.51495	5.70158	4.96903	4.02473	3.65864	3.20638	2.45894
	42.0	21.0	21.0	21.0	14.0	7.0	7.0	6.0
80	12.35445	9.03227	7.16204	6.42949	4.99836	4.57095	3.69320	2.87622
	42.0	42.0	21.0	21.0	14.0	14.0	7.0	6.0
85	15.93756	13.20500	10.10429	8.15956	6.35142	5.62540	4.19696	3.29349
	60.0	60.0	60.0	30.0	21.0	21.0	10.0	6.0
90	20.11029	17.37773	14.27702	12.14808	9.16116	7.14315	4.92260	3.71076
	60.0	60.0	60.0	60.0	48.0	36.0	14.0	6.0
95	24.28302	21.55046	18.44975	16.32081	12.80281	10.56250	5.89623	4.16827
	60.0	60.0	60.0	60.0	54.0	54.0	14.0	10.0
100	28.45575	25.72319	22.62248	20.49354	16.67682	14.62503	7.12682	4.86372
	60.0	60.0	60.0	60.0	60.0	60.0	27.0	10.0

STATION = 01459500 TOHICKON CREEK NEAR PIPERSVILLE, PA
AVERAGE FLOW (INCH/MONTH) 1.69596
DRAINAGE AREA (SQ MI) 97.4

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00739	0.00564	0.00500	0.00500	0.00456	0.00413	0.00239	0.00000
	1.0	1.0	0.5	0.5	0.5	0.5	0.5	0.0
5	0.13948	0.11911	0.10866	0.09822	0.08777	0.07906	0.05782	0.03693
	3.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0
10	0.45206	0.38242	0.36850	0.33367	0.31554	0.30511	0.24503	0.14420
	4.0	4.0	4.0	4.0	3.0	3.0	3.0	2.0
20	1.28828	1.20414	1.17367	1.12580	1.02134	0.99957	0.86465	0.56581
	6.0	5.0	5.0	5.0	5.0	5.0	5.0	3.0
30	2.30586	2.20270	2.13350	2.02382	1.95070	1.88280	1.71263	1.33398
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	5.0
40	3.68710	3.38987	3.18879	3.10957	2.99380	2.90037	2.68101	2.19529
	14.0	7.0	7.0	7.0	7.0	6.0	6.0	6.0
50	6.27437	4.68887	4.37596	4.29674	4.18097	4.07739	3.78491	3.21287
	30.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
55	8.81831	6.21523	5.14563	4.89033	4.77456	4.67098	4.37850	3.72166
	30.0	18.0	14.0	7.0	7.0	7.0	7.0	6.0
60	11.36225	8.42760	6.51190	6.04739	5.36900	5.26456	4.97208	4.24088
	30.0	30.0	18.0	18.0	8.0	7.0	7.0	7.0
65	13.90619	11.98912	9.02349	7.57375	6.16218	5.93596	5.59474	4.83447
	30.0	30.0	30.0	18.0	18.0	8.0	8.0	7.0
70	17.25777	15.55063	12.58500	9.10012	7.68855	6.78424	6.27313	5.42805
	60.0	42.0	42.0	18.0	18.0	18.0	8.0	7.0
75	22.34565	19.11215	16.14652	12.16487	9.74726	8.31060	6.95151	6.02164
	60.0	42.0	42.0	42.0	30.0	18.0	8.0	7.0
80	27.43353	22.67367	19.78407	16.23517	12.93072	10.57211	7.62989	6.67583
	60.0	42.0	42.0	42.0	42.0	42.0	8.0	8.0
85	32.52141	27.20090	24.36316	20.70762	17.50981	15.15120	8.38239	7.35422
	60.0	60.0	54.0	54.0	54.0	54.0	18.0	8.0
90	37.60929	32.28878	28.94226	25.28672	22.08891	19.73030	10.45093	8.03260
	60.0	60.0	54.0	54.0	54.0	54.0	27.0	8.0
95	42.69717	37.37666	33.52135	29.86581	26.99505	24.30939	12.74047	8.71099
	60.0	60.0	54.0	54.0	54.0	54.0	27.0	8.0
100	47.78505	42.46454	38.10044	34.67005	32.08293	29.35880	15.03002	9.38937
	60.0	60.0	54.0	54.0	54.0	54.0	27.0	8.0

STATION = 01465000 NESHAMINY CREEK AT RUSHLAND, PA
AVERAGE FLOW (INCH/MONTH) 1.90262
DRAINAGE AREA (SQ MI) 134.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00256	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.05268	0.04850	0.04293	0.03876	0.03318	0.03052	0.02634	0.01452
	1.0	1.0	1.0	1.0	1.0	0.5	0.5	0.5
10	0.20513	0.18982	0.17450	0.14667	0.12831	0.12344	0.10535	0.06498
	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0
20	0.91083	0.81496	0.78435	0.71475	0.63958	0.55485	0.43165	0.28917
	5.0	4.0	4.0	4.0	4.0	3.0	3.0	2.0
30	2.00489	1.82532	1.69161	1.57678	1.44949	1.36102	1.10552	0.74145
	6.0	6.0	5.0	5.0	5.0	5.0	4.0	3.0
40	3.14646	2.96689	2.88161	2.68674	2.59106	2.40314	2.04401	1.48758
	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
50	4.39858	4.29140	4.21344	4.01857	3.83343	3.67753	3.18558	2.52160
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
55	5.07530	4.98065	4.87936	4.68449	4.49935	4.34345	3.83189	3.09239
	8.0	8.0	7.0	7.0	7.0	7.0	7.0	6.0
60	5.83635	5.74170	5.62477	5.37421	5.16526	5.00936	4.49780	3.66317
	8.0	8.0	8.0	8.0	7.0	7.0	7.0	6.0
65	6.59739	6.50274	6.38581	6.13525	5.85685	5.75107	5.22767	4.29165
	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.0
70	9.70684	8.29310	7.33590	6.89630	6.61790	6.51212	5.98872	4.95757
	54.0	54.0	30.0	8.0	8.0	8.0	8.0	7.0
75	14.84391	13.43017	11.14666	9.52637	7.46506	7.27317	6.74977	5.62348
	54.0	54.0	54.0	54.0	18.0	8.0	8.0	7.0
80	19.98098	18.56724	16.28373	14.99830	11.77287	9.63825	7.51082	6.35826
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	8.0
85	25.30801	23.70432	21.81776	20.70616	17.34297	14.98467	8.27187	7.11931
	60.0	54.0	54.0	54.0	54.0	54.0	8.0	8.0
90	31.01587	28.84783	27.52562	26.41402	23.05083	20.69253	10.03192	7.88035
	60.0	60.0	60.0	60.0	60.0	60.0	27.0	8.0
95	36.72373	34.55569	33.23348	32.12188	28.75869	26.40039	12.60045	8.64140
	60.0	60.0	60.0	60.0	60.0	60.0	27.0	8.0
100	42.43159	40.26355	38.94134	37.82974	34.46655	32.10825	15.16899	9.40245

STATION = 01465500 NESHAMINY CREEK NEAR LANGHORNE, PA
AVERAGE FLOW (INCH/MONTH) 1.58702
DRAINAGE AREA (SQ MI) 210.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.03130	0.02050	0.01909	0.01687	0.01263	0.01122	0.00617	0.00000
	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.0
10	0.14783	0.13410	0.11311	0.09006	0.07956	0.07512	0.05575	0.03433
	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.5
20	0.60216	0.54451	0.49922	0.44956	0.41564	0.39263	0.28517	0.17771
	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.0
30	1.30659	1.19557	1.13298	1.08656	1.01792	0.97553	0.80394	0.52233
	5.0	5.0	5.0	5.0	5.0	5.0	5.0	3.0
40	2.21099	2.11800	2.06955	2.01141	1.92662	1.84426	1.59745	1.08417
	7.0	6.0	6.0	6.0	6.0	6.0	5.0	4.0
50	3.32190	3.20886	3.13254	2.99690	2.87883	2.79907	2.52759	1.88322
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	6.0
55	4.44382	3.76432	3.68800	3.55236	3.42800	3.35453	3.03799	2.35933
	18.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
60	6.46206	4.95070	4.33017	4.10781	3.98345	3.90998	3.59344	2.83543
	30.0	21.0	18.0	7.0	7.0	7.0	7.0	6.0
65	8.84259	6.61707	5.75848	4.68346	4.54458	4.46544	4.14890	3.36040
	30.0	21.0	18.0	8.0	8.0	7.0	7.0	7.0
70	11.51877	8.61663	7.18680	6.00843	5.17939	5.05666	4.70436	3.91586
	42.0	30.0	18.0	18.0	8.0	8.0	7.0	7.0
75	15.45790	12.05814	10.24145	8.04590	6.51130	5.87432	5.32971	4.47132
	60.0	54.0	42.0	42.0	30.0	18.0	8.0	7.0
80	20.21896	16.34309	13.99612	12.20587	9.51215	7.58807	5.96452	5.02677
	60.0	54.0	54.0	54.0	48.0	30.0	8.0	7.0
85	24.98002	20.62805	18.28108	16.49083	13.43033	11.49767	6.59933	5.64651
	60.0	54.0	54.0	54.0	54.0	54.0	8.0	8.0
90	29.74108	24.91300	22.71840	20.77578	17.71528	15.78262	8.33127	6.28131
	60.0	54.0	54.0	54.0	54.0	54.0	27.0	8.0
95	34.50214	29.32362	27.47946	25.06074	22.00024	20.06758	10.50552	6.91612
	60.0	60.0	60.0	54.0	54.0	54.0	30.0	8.0
100	39.26320	34.08468	32.24052	29.74054	26.46924	24.67614	12.88605	7.55093
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	8.0

STATION = 01465770 POQUESSING CREEK AT TREVOSE ROAD, PHILADELPHIA, PA
AVERAGE FLOW (INCH/MONTH) 1.62430
DRAINAGE AREA (SQ MI) 5.1

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.02054	0.02054	0.01385	0.01385	0.00715	0.00715	0.00046	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0
10	0.08213	0.08213	0.08213	0.08213	0.08213	0.06874	0.05536	0.03437
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5
20	0.38205	0.35527	0.32851	0.30174	0.27497	0.24820	0.21779	0.17763
	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0
30	0.89730	0.77930	0.71784	0.65883	0.59983	0.57306	0.46599	0.34006
	5.0	3.0	3.0	3.0	2.0	2.0	2.0	1.0
40	1.83111	1.73742	1.55005	1.36268	1.26899	1.17409	0.93927	0.60348
	7.0	7.0	7.0	7.0	7.0	5.0	4.0	2.0
50	3.07093	2.87443	2.68706	2.49969	2.40600	2.21862	1.75019	1.21425
	8.0	7.0	7.0	7.0	7.0	7.0	7.0	4.0
55	3.72065	3.44293	3.25556	3.06819	2.97450	2.78712	2.31869	1.58928
	8.0	7.0	7.0	7.0	7.0	7.0	7.0	5.0
60	4.37037	4.01144	3.83500	3.63670	3.54301	3.35563	2.88720	2.07322
	8.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
65	5.02009	4.59180	4.48472	4.27059	4.16351	3.94937	3.45570	2.56051
	8.0	8.0	8.0	8.0	8.0	8.0	7.0	6.0
70	6.59638	5.24152	5.13444	4.92031	4.81323	4.59909	4.02421	3.08733
	21.0	8.0	8.0	8.0	8.0	8.0	7.0	7.0
75	8.30190	6.65642	5.78416	5.57003	5.46295	5.24881	4.59272	3.65584
	21.0	21.0	8.0	8.0	8.0	8.0	7.0	7.0
80	10.94939	8.59851	6.84910	6.21975	6.11267	5.89853	5.16122	4.22434
	42.0	42.0	30.0	8.0	8.0	8.0	7.0	7.0
85	14.36042	12.98412	10.78548	8.53269	6.76239	6.54825	5.79876	4.79285
	42.0	42.0	42.0	42.0	8.0	8.0	8.0	7.0
90	18.62816	17.36973	15.65838	13.19230	10.14933	8.50921	6.44848	5.36135
	54.0	54.0	54.0	54.0	54.0	48.0	8.0	7.0
95	23.01377	21.75534	20.53128	18.06520	14.53494	12.54034	7.09820	5.92985
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	7.0
100	27.39938	26.14095	25.40418	22.93810	19.27892	17.41324	9.09146	6.49836
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0

STATION = 01465780 POQUESSING CREEK ABOVE BYBERRY CREEK AT PHILADELPHIA, PA
AVERAGE FLOW (INCH/MONTH) 1.17574
DRAINAGE AREA (SQ MI) 13.2

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.01834	0.01834	0.01393	0.01172	0.00951	0.00730	0.00509	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0
10	0.06897	0.06455	0.05572	0.05130	0.04688	0.04246	0.03449	0.02787
	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5
20	0.37511	0.30784	0.28675	0.26808	0.24157	0.22290	0.17873	0.12470
	4.0	3.0	3.0	3.0	3.0	2.0	2.0	1.0
30	0.84541	0.77473	0.75705	0.70404	0.63335	0.59802	0.50152	0.35201
	4.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0
40	1.36391	1.33538	1.26912	1.18076	1.11449	1.06831	0.94460	0.71488
	6.0	5.0	5.0	5.0	5.0	4.0	4.0	4.0
50	2.06935	1.92325	1.85699	1.76863	1.70236	1.63610	1.43730	1.18518
	6.0	5.0	5.0	5.0	5.0	5.0	5.0	4.0
55	2.42207	2.21719	2.15093	2.06257	1.99630	1.93004	1.73124	1.42033
	6.0	5.0	5.0	5.0	5.0	5.0	5.0	4.0
60	2.78081	2.56273	2.44486	2.35650	2.29023	2.22397	2.02517	1.67175
	8.0	6.0	5.0	5.0	5.0	5.0	5.0	5.0
65	3.25111	2.93750	2.84472	2.75195	2.58417	2.51791	2.31911	1.96569
	8.0	7.0	7.0	7.0	5.0	5.0	5.0	5.0
70	3.72140	3.36798	3.25623	3.16346	2.94699	2.85421	2.61304	2.25962
	8.0	8.0	7.0	7.0	7.0	7.0	5.0	5.0
75	4.70660	4.00997	3.69690	3.57497	3.35850	3.26572	2.95823	2.55356
	18.0	18.0	8.0	7.0	7.0	7.0	6.0	5.0
80	6.98656	5.77437	4.17004	3.99049	3.81378	3.67722	3.33705	2.84749
	42.0	42.0	27.0	8.0	8.0	7.0	7.0	5.0
85	9.59743	8.94887	7.13439	5.40065	4.28407	4.14270	3.74856	3.14143
	54.0	54.0	54.0	48.0	8.0	8.0	7.0	5.0
90	12.77192	12.12336	10.30888	8.49701	6.71606	5.80099	4.16007	3.44881
	54.0	54.0	54.0	54.0	54.0	54.0	7.0	7.0
95	15.94642	15.29786	13.48338	12.02423	10.15083	9.32821	4.62384	3.86032
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	7.0
100	19.25726	18.47236	16.83837	15.55145	13.67805	12.85543	6.24694	4.27183
	60.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0

STATION = 01465798 POQUESSING CREEK AT GRANT AVENUE AT PHILADELPHIA, PA
AVERAGE FLOW (INCH/MONTH) 1.75414
DRAINAGE AREA (SQ MI) 21.4

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.03195	0.03195	0.02952	0.02952	0.02710	0.01983	0.01597	0.00000
	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0
10	0.14801	0.14074	0.13347	0.12619	0.11480	0.11323	0.10838	0.05903
	3.0	3.0	3.0	3.0	1.0	1.0	1.0	1.0
20	0.72371	0.71159	0.65971	0.65243	0.63788	0.60879	0.49968	0.31373
	5.0	5.0	3.0	3.0	3.0	3.0	3.0	2.0
30	1.74660	1.58866	1.49167	1.29032	1.24183	1.17395	1.02593	0.68408
	8.0	5.0	5.0	4.0	4.0	4.0	3.0	3.0
40	3.33125	3.21002	2.94333	2.82210	2.55540	2.33527	1.70103	1.27431
	10.0	10.0	10.0	10.0	10.0	8.0	4.0	4.0
50	5.31750	4.96416	4.69747	4.57624	4.30954	4.04285	3.17000	1.97597
	18.0	10.0	10.0	10.0	10.0	10.0	10.0	4.0
55	7.19145	6.45043	5.57454	5.45331	5.18661	4.91992	4.04707	2.32680
	36.0	24.0	10.0	10.0	10.0	10.0	10.0	4.0
60	10.69098	8.60910	6.88602	6.33038	6.06368	5.79699	4.92414	2.82355
	48.0	36.0	24.0	10.0	10.0	10.0	10.0	6.0
65	14.90092	11.76656	8.99098	7.39742	6.94075	6.67406	5.80121	3.49659
	48.0	36.0	24.0	24.0	10.0	10.0	10.0	8.0
70	19.11085	14.92401	11.18253	9.80108	8.08186	7.78601	6.67828	4.19824
	48.0	36.0	36.0	30.0	18.0	18.0	10.0	8.0
75	23.54329	18.08146	14.33998	12.43229	9.66059	9.36474	7.55535	4.89990
	54.0	36.0	36.0	30.0	18.0	18.0	10.0	8.0
80	28.27947	21.23891	17.49743	15.06350	11.70373	10.94347	8.43242	5.60156
	54.0	36.0	36.0	30.0	24.0	18.0	10.0	8.0
85	33.01565	25.70098	20.65488	17.69471	13.80870	12.52219	9.30949	6.30321
	54.0	54.0	36.0	30.0	24.0	18.0	10.0	8.0
90	37.75182	30.96340	24.50595	20.69334	15.91366	14.53881	10.50288	7.00487
	54.0	54.0	48.0	48.0	24.0	24.0	18.0	8.0
95	42.48800	36.22582	28.71588	24.90327	19.76689	16.64378	12.08160	7.70652
	54.0	54.0	48.0	48.0	48.0	24.0	18.0	8.0
100	47.22418	41.48824	32.92582	29.11321	25.02931	19.60302	13.66033	8.40818
	54.0	54.0	48.0	48.0	48.0	48.0	18.0	8.0

STATION = 01467042 PENNYPACK CREEK AT PINE ROAD, PHILADELPHIA, PA
AVERAGE FLOW (INCH/MONTH) 1.99408
DRAINAGE AREA (SQ MI) 37.9

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.09318	0.09176	0.09176	0.09031	0.08744	0.07739	0.04659	0.02505
	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5
20	0.35838	0.30382	0.29117	0.28972	0.28685	0.27680	0.24522	0.16197
	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0
30	1.02632	0.92871	0.87129	0.78515	0.72774	0.66638	0.55441	0.36674
	4.0	4.0	4.0	4.0	4.0	3.0	3.0	2.0
40	2.04689	1.89235	1.74162	1.61243	1.52537	1.46220	1.27272	0.93395
	6.0	5.0	5.0	5.0	4.0	4.0	4.0	4.0
50	3.57799	3.34832	3.15309	2.88897	2.64780	2.46818	2.16672	1.73158
	8.0	8.0	8.0	8.0	8.0	6.0	6.0	4.0
55	4.37562	4.14889	3.95072	3.77566	3.45986	3.22723	2.76494	2.13040
	8.0	8.0	8.0	8.0	8.0	8.0	6.0	4.0
60	5.39150	5.14593	4.84448	4.77270	4.45690	4.08367	3.48513	2.62320
	21.0	10.0	10.0	10.0	10.0	10.0	8.0	5.0
65	7.48528	6.14297	5.84152	5.76974	5.45394	5.08071	4.28277	3.12172
	21.0	10.0	10.0	10.0	10.0	10.0	8.0	5.0
70	9.77267	7.14001	6.83856	6.76678	6.45098	6.07775	5.08040	3.76205
	24.0	10.0	10.0	10.0	10.0	10.0	8.0	7.0
75	12.16557	9.11679	7.83560	7.76382	7.44802	7.07479	5.91205	4.45998
	24.0	24.0	10.0	10.0	10.0	10.0	10.0	7.0
80	15.57614	11.50969	9.48000	8.76086	8.44506	8.07183	6.90909	5.24017
	42.0	24.0	24.0	10.0	10.0	10.0	10.0	8.0
85	21.22833	17.16653	13.22857	11.37017	9.44210	9.06887	7.90613	6.03780
	60.0	60.0	54.0	54.0	10.0	10.0	10.0	8.0
90	27.21057	23.14877	18.61259	16.75419	14.20605	10.59874	8.90317	6.83544
	60.0	60.0	54.0	54.0	48.0	30.0	10.0	8.0
95	33.19281	29.13101	23.99660	22.13820	19.12071	16.05151	9.90021	7.63307
	60.0	60.0	54.0	54.0	54.0	54.0	10.0	8.0
100	39.17505	35.11325	29.97509	27.86160	25.10295	22.03375	10.89725	8.43070
	60.0	60.0	60.0	60.0	60.0	60.0	10.0	8.0

STATION = 01467048 PENNYPACK CREEK AT LOWER RHAWN STREET BRIDGE, PHILADELPHIA, PA
AVERAGE FLOW (INCH/MONTH) 2.08228
DRAINAGE AREA (SQ MI) 49.8

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.09561	0.09561	0.09468	0.09377	0.09008	0.08177	0.05868	0.02980
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5
20	0.66993	0.60134	0.58750	0.58196	0.55981	0.53212	0.39642	0.28458
	5.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0
30	1.71107	1.57721	1.43414	1.29131	1.22855	1.17316	1.02110	0.73032
	5.0	5.0	5.0	4.0	4.0	4.0	3.0	3.0
40	3.53819	3.12279	2.91971	2.60902	2.37508	2.15854	1.83991	1.47067
	10.0	10.0	10.0	8.0	8.0	8.0	4.0	4.0
50	5.62047	5.20507	5.00199	4.65121	4.45736	4.16196	2.96772	2.30358
	10.0	10.0	10.0	10.0	10.0	10.0	8.0	4.0
55	6.66161	6.24621	6.04313	5.69235	5.49850	5.20310	3.97538	2.72004
	10.0	10.0	10.0	10.0	10.0	10.0	10.0	4.0
60	9.66587	7.66858	7.08427	6.73349	6.53964	6.24424	5.01652	3.13649
	36.0	24.0	10.0	10.0	10.0	10.0	10.0	4.0
65	13.41397	10.87038	8.75279	7.77463	7.58078	7.28538	6.05766	3.55295
	36.0	36.0	18.0	10.0	10.0	10.0	10.0	4.0
70	18.05903	14.61849	11.20230	9.57330	8.62192	8.32652	7.09880	4.07096
	48.0	36.0	27.0	18.0	10.0	10.0	10.0	6.0
75	23.05650	18.36659	14.01338	11.66676	10.28873	9.36766	8.13994	4.85774
	48.0	36.0	27.0	24.0	18.0	10.0	10.0	8.0
80	28.05397	22.11469	16.82446	14.25986	12.16278	10.53874	9.18108	5.69065
	48.0	36.0	27.0	27.0	18.0	18.0	10.0	8.0
85	33.87657	26.56733	21.15787	17.07094	14.47130	12.41279	10.22222	6.52356
	60.0	54.0	48.0	27.0	27.0	18.0	10.0	8.0
90	40.12341	32.18949	26.15535	21.92989	17.59472	14.29917	11.26336	7.35648
	60.0	54.0	48.0	48.0	30.0	30.0	10.0	8.0
95	46.37025	37.81164	31.15282	27.54275	21.35075	17.52518	12.30450	8.18939
	60.0	54.0	48.0	48.0	48.0	42.0	10.0	8.0
100	52.61709	43.80753	36.58902	33.78959	27.59759	22.30675	13.80045	9.02230
	60.0	60.0	60.0	60.0	60.0	60.0	18.0	8.0

STATION = 01467086 TACONY CREEK AT COUNTY LINE, PHILADELPHIA, PA
AVERAGE FLOW (INCH/MONTH) 1.84977
DRAINAGE AREA (SQ MI) 16.6

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.03242	0.02378	0.01803	0.01227	0.00363	0.00075	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0
30	0.12891	0.11627	0.11052	0.10476	0.09612	0.09324	0.07310	0.04143
	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5
40	0.38599	0.31691	0.29387	0.27359	0.25632	0.24481	0.20451	0.13391
	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.5
50	0.84408	0.80576	0.75196	0.66760	0.59852	0.56397	0.46809	0.30889
	4.0	3.0	3.0	3.0	3.0	3.0	2.0	1.0
55	1.33746	1.20091	1.12191	1.00677	0.93769	0.86861	0.68599	0.45734
	6.0	5.0	4.0	4.0	4.0	4.0	3.0	2.0
60	1.89239	1.66335	1.51942	1.40427	1.31792	1.23857	1.00829	0.66986
	6.0	5.0	5.0	5.0	5.0	4.0	4.0	3.0
65	2.44732	2.12579	1.98186	1.86671	1.78036	1.66522	1.46372	0.98676
	6.0	5.0	5.0	5.0	5.0	5.0	5.0	4.0
70	3.00225	2.65682	2.53545	2.38049	2.29365	2.20778	1.92616	1.35672
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	4.0
75	5.87356	4.55766	4.13507	3.24955	2.98208	2.82017	2.38861	1.81292
	60.0	30.0	30.0	18.0	18.0	7.0	5.0	5.0
80	11.42287	9.79197	9.12944	8.14734	6.79559	6.01101	3.10641	2.31594
	60.0	60.0	54.0	54.0	54.0	54.0	18.0	6.0
85	16.97218	15.34128	14.32222	13.14172	12.34490	11.56032	5.45835	2.94635
	60.0	60.0	60.0	54.0	54.0	54.0	27.0	7.0
90	22.52149	20.89059	19.87153	18.67253	17.89421	17.10963	7.95554	3.59377
	60.0	60.0	60.0	60.0	60.0	60.0	27.0	7.0
95	28.07080	26.43990	25.42084	24.22184	23.44352	22.65894	10.45273	4.64543
	60.0	60.0	60.0	60.0	60.0	60.0	27.0	12.0
100	33.62011	31.98921	30.97015	29.77115	28.99283	28.20825	12.94992	5.75529
	60.0	60.0	60.0	60.0	60.0	60.0	27.0	12.0

STATION = 01467500 SCHUYLKILL RIVER AT POTTSVILLE, PA
AVERAGE FLOW (INCH/MONTH) 2.10243
DRAINAGE AREA (SQ MI) 53.4

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.07992	0.07468	0.06944	0.05742	0.05219	0.04782	0.03909	0.01289
	1.0	1.0	1.0	0.5	0.5	0.5	0.5	0.5
30	0.52468	0.43560	0.42514	0.36026	0.32533	0.30088	0.22753	0.14869
	3.0	3.0	3.0	2.0	2.0	2.0	2.0	1.0
40	1.31440	1.21220	1.14933	1.11439	0.94059	0.87771	0.71006	0.43843
	5.0	4.0	4.0	4.0	3.0	3.0	3.0	2.0
50	2.46830	2.31479	2.16808	2.00757	1.85040	1.79801	1.43840	0.97400
	7.0	6.0	6.0	5.0	5.0	5.0	4.0	3.0
55	3.20415	2.94552	2.79881	2.55779	2.37600	2.32361	1.94811	1.35590
	7.0	6.0	6.0	6.0	5.0	5.0	5.0	4.0
60	3.94000	3.62215	3.42954	3.18852	2.93702	2.85320	2.47372	1.77638
	7.0	7.0	6.0	6.0	6.0	6.0	5.0	4.0
65	4.83534	4.35800	4.13792	3.85674	3.61223	3.48393	3.05428	2.23960
	18.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
70	6.72753	5.11467	4.87377	4.59259	4.34808	4.11466	3.68501	2.76521
	18.0	18.0	7.0	7.0	7.0	6.0	6.0	5.0
75	10.10505	7.00826	6.67486	5.32844	5.08393	4.83942	4.37485	3.37263
	54.0	27.0	18.0	7.0	7.0	7.0	7.0	6.0
80	15.78161	12.06281	10.32303	7.90313	6.35694	5.74451	5.11070	4.00335
	54.0	54.0	54.0	42.0	18.0	18.0	7.0	6.0
85	21.45817	17.73937	15.99959	12.42565	10.11007	8.38956	5.84655	4.63408
	54.0	54.0	54.0	54.0	48.0	48.0	7.0	6.0
90	27.13473	23.41593	21.67615	18.73294	15.31967	13.54207	7.01932	5.26481
	54.0	54.0	54.0	54.0	54.0	54.0	18.0	6.0
95	32.81129	29.50858	27.35271	25.04023	21.62696	19.84936	10.07113	5.96122
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
100	38.69773	35.81587	33.02927	31.34752	27.93425	26.15665	13.22478	6.69707
	60.0	60.0	54.0	54.0	54.0	54.0	30.0	7.0

STATION = 01469500 LITTLE SCHUYLKILL RIVER AT TAMAQUA, PA
AVERAGE FLOW (INCH/MONTH) 2.23009
DRAINAGE AREA (SQ MI) 42.9

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.01206	0.00993	0.00567	0.00248	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0
10	0.09088	0.08236	0.08023	0.06956	0.06105	0.05076	0.03904	0.01135
	1.0	1.0	1.0	1.0	1.0	0.5	0.5	0.5
20	0.64759	0.57086	0.51332	0.46217	0.39337	0.36779	0.27402	0.16685
	3.0	3.0	3.0	3.0	2.0	2.0	2.0	1.0
30	1.59765	1.36336	1.26960	1.17583	1.09059	1.02239	0.77319	0.48988
	5.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0
40	2.85886	2.47526	2.36018	2.21189	2.07337	1.93485	1.59902	1.00108
	6.0	6.0	6.0	5.0	5.0	5.0	4.0	3.0
50	4.40247	4.00135	3.74775	3.46808	3.27628	3.09727	2.62368	1.82616
	8.0	7.0	7.0	6.0	6.0	6.0	5.0	4.0
55	5.29451	4.78188	4.52828	4.20009	4.02108	3.76630	3.25485	2.27550
	8.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
60	6.86781	5.65803	5.30881	4.98062	4.80161	4.50326	3.92387	2.83302
	18.0	8.0	7.0	7.0	7.0	7.0	6.0	5.0
65	8.87489	6.97477	6.08934	5.76115	5.58214	5.28379	4.59290	3.39054
	18.0	18.0	7.0	7.0	7.0	7.0	6.0	5.0
70	10.88197	8.98185	7.77488	6.60766	6.36267	6.07821	5.27369	4.00884
	18.0	18.0	18.0	18.0	7.0	7.0	7.0	6.0
75	16.79667	10.98894	9.78197	8.61475	7.20893	6.97025	6.05422	4.67787
	54.0	18.0	18.0	18.0	8.0	8.0	7.0	6.0
80	22.81791	15.35375	12.72927	10.62183	8.70819	7.86229	6.87347	5.41758
	54.0	54.0	42.0	18.0	18.0	8.0	8.0	7.0
85	28.83915	22.04402	17.41246	13.72462	10.71527	9.19506	7.76550	6.19812
	54.0	54.0	42.0	42.0	18.0	18.0	8.0	7.0
90	34.86039	28.73429	22.75629	19.37017	14.54915	13.04958	8.65754	6.97865
	54.0	54.0	54.0	54.0	36.0	36.0	8.0	7.0
95	40.88164	35.42456	28.77754	26.06044	20.50736	17.16739	9.66627	7.75918
	54.0	54.0	54.0	54.0	54.0	48.0	27.0	7.0
100	46.90288	42.11483	35.36075	32.75071	27.19763	23.75972	12.76514	8.53971
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0

STATION = 01470500 SCHUYLKILL RIVER AT BERNE, PA
AVERAGE FLOW (INCH/MONTH) 2.24912
DRAINAGE AREA (SQ MI) 355.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.02353	0.01355	0.01066	0.00553	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0
20	0.24812	0.21187	0.18770	0.17502	0.16609	0.15742	0.12143	0.06282
	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.5
30	0.95558	0.87256	0.84734	0.79689	0.68280	0.61502	0.49144	0.26806
	4.0	4.0	4.0	4.0	3.0	3.0	2.0	1.0
40	2.10662	1.87899	1.78047	1.69654	1.54207	1.46220	1.18268	0.78376
	6.0	5.0	5.0	4.0	4.0	4.0	4.0	3.0
50	3.45609	3.22595	2.98636	2.77513	2.65283	2.53460	2.16681	1.56741
	6.0	6.0	6.0	6.0	5.0	5.0	5.0	4.0
55	4.22346	3.90069	3.66110	3.44987	3.24696	3.13620	2.72909	2.01723
	7.0	6.0	6.0	6.0	6.0	6.0	5.0	4.0
60	5.32424	4.73656	4.40562	4.12794	4.03415	3.81093	3.38376	2.57941
	18.0	8.0	7.0	7.0	7.0	6.0	6.0	5.0
65	7.34844	5.63620	5.19282	4.91514	4.82135	4.56940	4.05850	3.14169
	18.0	8.0	7.0	7.0	7.0	7.0	6.0	5.0
70	9.84306	7.30460	6.62169	5.76242	5.60854	5.35659	4.77364	3.77012
	27.0	18.0	18.0	8.0	7.0	7.0	7.0	6.0
75	13.47481	9.32881	8.64590	7.37190	6.39573	6.14716	5.56083	4.44486
	54.0	18.0	18.0	18.0	7.0	7.0	7.0	6.0
80	19.54743	14.07605	11.75456	9.39611	8.23588	7.29925	6.34802	5.11960
	54.0	54.0	42.0	18.0	18.0	18.0	7.0	6.0
85	25.62006	20.14868	17.31698	12.42585	10.26009	9.32346	7.18353	5.85894
	54.0	54.0	54.0	54.0	18.0	18.0	8.0	7.0
90	31.69268	26.22130	24.06434	18.81479	14.84418	12.70080	8.08317	6.64614
	54.0	54.0	54.0	54.0	42.0	36.0	8.0	7.0
95	37.76531	32.83557	30.81170	25.56215	21.26655	18.02402	9.70189	7.43333
	54.0	54.0	54.0	54.0	54.0	54.0	27.0	7.0
100	43.83793	39.58293	37.55906	32.30951	28.01391	24.77138	12.73820	8.27467
	54.0	54.0	54.0	54.0	54.0	54.0	27.0	8.0

STATION = 01470960 TULPEHOCKEN CREEK AT BLUE MARSH DAMSITE NEAR READING, PA
AVERAGE FLOW (INCH/MONTH) 1.72598
DRAINAGE AREA (SQ MI) 175.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.02012	0.01537	0.01218	0.00815	0.00475	0.00199	0.00000	0.00000
	1.0	0.5	0.5	0.5	0.5	0.5	0.0	0.0
20	0.28010	0.25122	0.22318	0.20109	0.18241	0.16542	0.13284	0.08866
	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0
30	0.84543	0.78678	0.73922	0.70693	0.66955	0.61689	0.46393	0.28636
	5.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0
40	1.91311	1.80608	1.63981	1.55571	1.40686	1.33910	1.12017	0.71925
	7.0	7.0	6.0	6.0	5.0	5.0	5.0	3.0
50	3.39097	3.01427	2.82987	2.60398	2.50587	2.37469	2.07908	1.39454
	16.0	7.0	7.0	7.0	7.0	6.0	6.0	4.0
55	4.77175	3.74623	3.52026	3.26541	3.10996	2.93157	2.59687	1.82001
	16.0	10.0	8.0	8.0	7.0	7.0	6.0	5.0
60	6.15254	4.93976	4.21065	3.95580	3.71406	3.53567	3.11467	2.30682
	16.0	16.0	8.0	8.0	7.0	7.0	6.0	6.0
65	7.53332	6.49315	5.34470	4.64620	4.31815	4.13976	3.66702	2.82461
	16.0	16.0	16.0	8.0	7.0	7.0	7.0	6.0
70	9.96743	8.04653	7.15698	6.36100	5.17018	4.74536	4.27111	3.34241
	48.0	18.0	18.0	18.0	14.0	8.0	7.0	6.0
75	14.10978	10.23392	8.96926	8.17328	6.96065	5.85605	4.87521	3.86020
	48.0	42.0	21.0	21.0	21.0	16.0	7.0	6.0
80	18.25213	13.98403	10.86417	9.98555	8.77292	7.23683	5.52127	4.37799
	48.0	48.0	30.0	21.0	21.0	16.0	10.0	6.0
85	22.97853	18.97596	15.78465	12.25864	10.58520	8.97545	6.49936	4.89579
	60.0	60.0	60.0	42.0	21.0	21.0	14.0	6.0
90	28.15647	24.15390	20.96259	16.83966	12.66919	10.78773	7.70755	5.48860
	60.0	60.0	60.0	60.0	60.0	21.0	14.0	8.0
95	33.33441	29.33184	26.14053	22.01760	17.84713	14.20343	8.91573	6.30511
	60.0	60.0	60.0	60.0	60.0	48.0	14.0	10.0
100	38.51235	34.50978	31.31847	27.19554	23.02507	18.34578	10.12392	7.16810
	60.0	60.0	60.0	60.0	60.0	48.0	14.0	10.0

STATION = 01471000 TULPEHOCKEN CREEK NEAR READING, PA
AVERAGE FLOW (INCH/MONTH) 1.66186
DRAINAGE AREA (SQ MI) 211.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.01525	0.01415	0.01342	0.01232	0.01122	0.00864	0.00762	0.00762
	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5
20	0.26812	0.22699	0.21303	0.17850	0.17740	0.17482	0.15830	0.09072
	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.5
30	0.84520	0.73680	0.69568	0.64404	0.59578	0.57081	0.45234	0.25544
	6.0	4.0	4.0	3.0	3.0	3.0	3.0	1.0
40	1.85632	1.74064	1.68666	1.56027	1.45671	1.38401	1.08357	0.65565
	7.0	7.0	7.0	6.0	6.0	6.0	5.0	3.0
50	3.17189	2.91923	2.84996	2.71371	2.54661	2.41551	2.01976	1.30120
	8.0	8.0	7.0	7.0	7.0	7.0	6.0	5.0
55	3.83663	3.58397	3.43161	3.29536	3.12826	2.99716	2.51832	1.71666
	8.0	8.0	7.0	7.0	7.0	7.0	6.0	5.0
60	4.50138	4.24872	4.01326	3.87701	3.70991	3.57881	3.01688	2.13213
	8.0	8.0	7.0	7.0	7.0	7.0	6.0	5.0
65	5.16612	4.91346	4.63730	4.45866	4.29156	4.16046	3.59748	2.59880
	8.0	8.0	8.0	7.0	7.0	7.0	7.0	6.0
70	6.54466	5.57821	5.30205	5.04031	4.87321	4.74211	4.17913	3.09736
	18.0	8.0	8.0	7.0	7.0	7.0	7.0	6.0
75	9.15069	7.00888	5.96679	5.69943	5.45486	5.32376	4.76078	3.59592
	36.0	18.0	8.0	8.0	7.0	7.0	7.0	6.0
80	13.11359	9.34422	7.44249	6.53017	6.09976	5.90542	5.34244	4.09448
	60.0	36.0	18.0	18.0	8.0	7.0	7.0	6.0
85	18.09917	12.68856	10.48637	8.31429	6.76451	6.52948	5.92409	4.59304
	60.0	54.0	54.0	48.0	8.0	8.0	7.0	6.0
90	23.08475	17.17559	15.47195	12.30275	9.64067	8.27590	6.50574	5.15870
	60.0	54.0	54.0	48.0	48.0	48.0	7.0	7.0
95	28.07033	21.98823	20.45753	16.80801	14.51768	12.26437	7.22366	5.74035
	60.0	60.0	60.0	60.0	60.0	48.0	10.0	7.0
100	33.05591	26.97381	25.44311	21.79359	19.50326	16.25283	8.58745	6.32614
	60.0	60.0	60.0	60.0	60.0	48.0	24.0	8.0

STATION = 01472157 FRENCH CREEK NEAR PHOENIXVILLE, PA
AVERAGE FLOW (INCH/MONTH) 1.73904
DRAINAGE AREA (SQ MI) 59.1

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.00827	0.00692	0.00490	0.00221	0.00088	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.5	0.0	0.0	0.0
20	0.40671	0.33678	0.29697	0.26872	0.25257	0.23240	0.18991	0.08824
	4.0	4.0	3.0	3.0	3.0	3.0	2.0	1.0
30	1.19634	1.12237	1.05512	0.97442	0.88028	0.83992	0.66132	0.36287
	5.0	5.0	5.0	5.0	5.0	5.0	3.0	2.0
40	2.34615	2.21434	1.99779	1.93029	1.80925	1.71241	1.45390	0.81342
	7.0	7.0	7.0	6.0	6.0	6.0	5.0	4.0
50	5.02447	3.80094	3.29784	3.13981	3.01742	2.85737	2.35839	1.59714
	18.0	18.0	8.0	7.0	7.0	7.0	7.0	5.0
55	6.58961	5.36608	4.65190	3.74847	3.62608	3.46603	2.96705	2.03190
	18.0	18.0	18.0	7.0	7.0	7.0	7.0	5.0
60	8.74536	6.93121	6.21703	5.14422	4.23475	4.07470	3.57572	2.46666
	30.0	18.0	18.0	18.0	7.0	7.0	7.0	5.0
65	11.35392	9.22105	7.78217	6.70936	5.46925	4.69381	4.18438	2.93295
	30.0	27.0	18.0	18.0	16.0	14.0	7.0	6.0
70	13.96248	11.56876	9.51738	8.27449	6.86048	5.91114	4.79305	3.45466
	30.0	27.0	27.0	18.0	16.0	14.0	7.0	6.0
75	18.27087	14.63833	11.86508	9.83963	8.25171	7.12847	5.40171	4.03655
	54.0	54.0	27.0	18.0	16.0	14.0	7.0	7.0
80	22.96628	19.33374	14.21278	11.41129	9.80864	8.34580	6.07277	4.64521
	54.0	54.0	27.0	21.0	21.0	14.0	8.0	7.0
85	27.66169	24.02915	18.84777	16.37665	11.63463	9.56313	6.90030	5.25388
	54.0	54.0	54.0	54.0	21.0	14.0	10.0	7.0
90	32.35709	28.72455	24.06489	21.59377	14.55857	11.36917	7.83027	5.87155
	54.0	54.0	54.0	54.0	48.0	21.0	16.0	8.0
95	37.05250	33.41996	29.28201	26.81089	19.25818	14.61540	9.22150	6.56716
	54.0	54.0	54.0	54.0	54.0	42.0	16.0	8.0
100	41.74791	38.11537	34.49913	32.02801	24.47530	19.23439	10.61273	7.26278
	54.0	54.0	54.0	54.0	54.0	54.0	16.0	8.0

STATION = 01472500 PERKIOMEN CREEK NEAR FREDERICK, PA
AVERAGE FLOW (INCH/MONTH) 1.86468
DRAINAGE AREA (SQ MI) 152.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.01594	0.01103	0.00458	0.00000	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0
10	0.07051	0.05764	0.05119	0.04507	0.04200	0.03709	0.02728	0.00918
	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5
20	0.34386	0.29416	0.26973	0.25133	0.23170	0.21574	0.17108	0.11401
	3.0	3.0	2.0	2.0	2.0	2.0	1.0	1.0
30	1.10662	0.99617	0.93482	0.86567	0.82148	0.69877	0.57009	0.38252
	5.0	5.0	5.0	4.0	4.0	4.0	3.0	2.0
40	2.19273	2.02708	1.91663	1.80250	1.65525	1.55953	1.36096	0.92924
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	4.0
50	3.51222	3.30512	3.17197	3.02594	2.84125	2.72959	2.45377	1.85738
	8.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
55	4.25809	3.99302	3.82461	3.67858	3.49389	3.38223	3.04292	2.41678
	8.0	8.0	7.0	7.0	7.0	7.0	7.0	6.0
60	5.00396	4.73889	4.51801	4.33122	4.16459	4.04678	3.69556	2.98689
	8.0	8.0	8.0	7.0	7.0	7.0	7.0	7.0
65	5.79217	5.48477	5.26389	5.03809	4.91047	4.79266	4.35089	3.63952
	27.0	8.0	8.0	8.0	8.0	8.0	8.0	7.0
70	8.73453	7.40184	6.43615	5.82141	5.65634	5.53853	5.09676	4.29216
	54.0	54.0	18.0	18.0	8.0	8.0	8.0	7.0
75	13.76917	12.43648	9.95411	8.20550	6.44414	6.28440	5.84263	4.94480
	54.0	54.0	54.0	54.0	18.0	8.0	8.0	7.0
80	18.80381	17.47112	14.98875	13.24014	11.24922	8.87829	6.58850	5.66077
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	8.0
85	23.83844	22.50575	20.02338	18.27477	16.28385	14.31969	7.33437	6.40664
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	8.0
90	28.87308	27.54039	25.27968	23.69624	21.57613	19.91373	10.03416	7.15252
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	8.0
95	34.30269	33.08585	30.87372	29.29028	27.17017	25.50777	12.83118	7.89839
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	8.0
100	39.89673	38.67989	36.46776	34.88432	32.76421	31.10181	15.62820	8.64426
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	8.0

STATION = 01473000 PERKIOMEN CREEK AT GRATERFORD, PA
AVERAGE FLOW (INCH/MONTH) 1.58791
DRAINAGE AREA (SQ MI) 279.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.02315	0.01650	0.01360	0.01084	0.00925	0.00809	0.00620	0.00345
	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5
10	0.11170	0.09314	0.08455	0.08021	0.07295	0.06686	0.05294	0.04315
	2.0	2.0	1.0	1.0	1.0	1.0	1.0	0.5
20	0.55698	0.49319	0.46651	0.44123	0.39250	0.37162	0.26979	0.17230
	4.0	4.0	4.0	3.0	3.0	3.0	2.0	1.0
30	1.45902	1.35549	1.27430	1.15526	1.09581	1.05666	0.83337	0.55483
	7.0	7.0	7.0	5.0	5.0	5.0	5.0	3.0
40	2.57056	2.46703	2.38584	2.23360	2.14835	2.05700	1.72139	1.26050
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
50	3.77894	3.57857	3.49738	3.38920	3.25989	3.16854	2.78693	2.13303
	8.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
55	4.41410	4.20995	4.12644	4.02436	3.85734	3.74135	3.34269	2.60940
	8.0	8.0	8.0	8.0	8.0	8.0	7.0	6.0
60	5.48641	4.84512	4.76161	4.65953	4.49251	4.37652	3.90792	3.13929
	18.0	8.0	8.0	8.0	8.0	8.0	8.0	7.0
65	7.29315	5.63232	5.39677	5.29469	5.12767	5.01168	4.54308	3.69506
	48.0	18.0	8.0	8.0	8.0	8.0	8.0	7.0
70	11.10414	7.46398	6.30400	5.92986	5.76284	5.64685	5.17825	4.25083
	48.0	24.0	18.0	8.0	8.0	8.0	8.0	7.0
75	14.91512	10.20624	9.13946	7.36966	6.39800	6.28201	5.81341	4.85299
	48.0	48.0	48.0	24.0	8.0	8.0	8.0	8.0
80	18.72610	14.28584	12.95044	10.49033	8.20556	6.97748	6.44857	5.48815
	48.0	48.0	48.0	48.0	24.0	24.0	8.0	8.0
85	22.53709	19.04957	17.56855	15.25406	12.83664	10.31209	7.08374	6.12332
	48.0	48.0	48.0	48.0	48.0	42.0	8.0	8.0
90	26.34807	23.81330	22.33228	20.01779	17.60037	14.85819	7.84381	6.75848
	48.0	48.0	48.0	48.0	48.0	48.0	30.0	8.0
95	30.15906	28.57703	27.09601	24.78152	22.36410	19.62192	10.22568	7.39365
	48.0	48.0	48.0	48.0	48.0	48.0	30.0	8.0
100	34.04609	33.34076	31.85974	29.54525	27.12783	24.38565	12.60754	8.02881
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	8.0

STATION = 01473120 SKIPPACK CREEK NEAR COLLEGEVILLE, PA
AVERAGE FLOW (INCH/MONTH) 1.64672
DRAINAGE AREA (SQ MI) 53.7

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00098	0.00027	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
5	0.06903	0.04757	0.04177	0.03888	0.03452	0.02728	0.02161	0.01292
	2.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5
10	0.25059	0.19603	0.18734	0.16995	0.14677	0.12939	0.09367	0.06034
	3.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0
20	0.84791	0.75559	0.71461	0.66824	0.63346	0.59869	0.48814	0.29687
	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0
30	1.74396	1.70339	1.56438	1.48477	1.39058	1.34713	1.14426	0.80529
	7.0	7.0	6.0	5.0	5.0	5.0	5.0	4.0
40	2.89667	2.85610	2.70396	2.47067	2.36984	2.28290	2.00470	1.59089
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
50	5.84230	4.73605	4.02356	3.62337	3.45708	3.36980	3.08580	2.51456
	18.0	18.0	14.0	7.0	7.0	7.0	7.0	6.0
55	7.38895	6.43617	5.17626	4.38190	4.11577	4.02303	3.68687	3.06372
	27.0	27.0	14.0	14.0	8.0	8.0	8.0	7.0
60	10.55993	8.65924	6.56206	5.53461	4.77789	4.68172	4.34556	3.64007
	42.0	27.0	21.0	14.0	14.0	8.0	8.0	7.0
65	14.01805	10.88232	8.29112	6.79517	5.97620	5.34040	5.00424	4.21643
	42.0	27.0	21.0	18.0	16.0	8.0	8.0	7.0
70	17.47616	13.51384	10.64930	8.60657	7.64770	6.55994	5.66293	4.83990
	42.0	42.0	30.0	27.0	21.0	21.0	8.0	8.0
75	20.93427	16.97195	14.27202	11.47592	9.37676	8.28900	6.38059	5.49859
	42.0	42.0	42.0	42.0	21.0	21.0	10.0	8.0
80	24.39238	20.55224	18.22415	14.93403	11.43583	10.01806	7.34574	6.15728
	42.0	42.0	42.0	42.0	30.0	21.0	14.0	8.0
85	29.10496	25.49240	22.17628	19.26556	15.40076	12.09259	8.49845	6.81597
	60.0	60.0	48.0	48.0	48.0	42.0	14.0	8.0
90	34.04512	30.43256	26.18701	23.71170	19.84690	15.56136	9.65115	7.47465
	60.0	60.0	54.0	54.0	54.0	54.0	14.0	8.0
95	38.98528	35.37272	30.63316	28.15785	24.29305	20.29809	11.14258	8.22505
	60.0	60.0	54.0	54.0	54.0	54.0	27.0	10.0
100	43.92544	40.31288	35.29031	32.88113	29.10789	25.23825	13.36565	9.04841
	60.0	60.0	60.0	60.0	60.0	60.0	27.0	10.0

STATION = 01473950 WISSAHICKON CREEK AT BELLS MILL ROAD, PHILADELPHIA, PA
AVERAGE FLOW (INCH/MONTH) 1.75422
DRAINAGE AREA (SQ MI) 53.6

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.07015	0.06407	0.05797	0.05362	0.04579	0.04318	0.03100	0.00926
	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
30	0.22351	0.21830	0.20786	0.19393	0.18002	0.17479	0.14000	0.09697
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5
40	0.75357	0.68397	0.60045	0.53385	0.47423	0.45683	0.38375	0.25277
	4.0	4.0	4.0	3.0	2.0	2.0	2.0	1.0
50	1.58417	1.43628	1.30214	1.17686	1.10726	1.04462	0.83582	0.57103
	5.0	5.0	4.0	4.0	4.0	4.0	4.0	2.0
55	2.03056	1.87483	1.70953	1.60252	1.52944	1.47463	1.25714	0.83171
	6.0	5.0	5.0	5.0	5.0	5.0	5.0	4.0
60	2.64192	2.42267	2.21231	2.12878	2.05570	1.91998	1.69570	1.19110
	7.0	7.0	6.0	6.0	6.0	6.0	5.0	5.0
65	3.25590	3.03665	2.81743	2.65909	2.58197	2.44625	2.17481	1.62966
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
70	5.10027	3.65063	3.43141	3.29521	3.17563	3.00511	2.70107	2.06821
	54.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
75	9.83666	5.73360	5.14787	4.33757	3.93770	3.61909	3.30241	2.59598
	54.0	54.0	27.0	18.0	18.0	7.0	7.0	7.0
80	14.57305	10.91572	9.22835	8.28555	6.86584	5.45092	3.91906	3.20995
	54.0	54.0	54.0	54.0	54.0	42.0	8.0	7.0
85	19.30945	16.17838	14.44295	13.27881	11.60224	9.92834	5.01238	3.82393
	54.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0
90	24.04584	21.44104	19.70561	18.54147	16.79563	14.66473	7.11345	4.48724
	54.0	54.0	54.0	54.0	54.0	54.0	27.0	8.0
95	28.78224	26.70370	24.96827	23.80413	22.05829	19.40113	9.48164	5.18893
	54.0	54.0	54.0	54.0	54.0	54.0	27.0	8.0
100	33.51863	31.96636	30.23093	29.06679	27.32095	24.13752	11.84984	5.89062
	54.0	54.0	54.0	54.0	54.0	54.0	27.0	8.0

STATION = 01473980 WISSAHICKON CR AT LIVEZEY LANE, PHILADELPHIA, PA
AVERAGE FLOW (INCH/MONTH) 1.29802
DRAINAGE AREA(SQ MI) 59.2

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.07337	0.07035	0.06278	0.05975	0.04915	0.04158	0.03517	0.01095
	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5
30	0.26437	0.22803	0.19744	0.18956	0.17896	0.17139	0.13506	0.07585
	3.0	3.0	2.0	1.0	1.0	1.0	1.0	0.5
40	0.79439	0.71870	0.62787	0.56285	0.52046	0.47200	0.38126	0.22996
	5.0	5.0	5.0	4.0	4.0	4.0	3.0	2.0
50	1.49591	1.44141	1.27688	1.17797	1.10276	1.07249	0.89432	0.61575
	6.0	6.0	5.0	5.0	5.0	5.0	4.0	4.0
55	1.94519	1.83082	1.65822	1.56738	1.47654	1.41296	1.19261	0.87535
	7.0	6.0	6.0	6.0	6.0	6.0	5.0	4.0
60	2.39949	2.22022	2.04762	1.97558	1.86594	1.80236	1.57526	1.13496
	7.0	6.0	6.0	6.0	6.0	6.0	6.0	4.0
65	3.40557	2.66846	2.49347	2.42989	2.28152	2.19177	1.96467	1.45597
	18.0	16.0	7.0	7.0	7.0	6.0	6.0	6.0
70	4.61300	3.83040	3.43070	2.92395	2.73583	2.62985	2.38610	1.84537
	27.0	18.0	18.0	18.0	7.0	7.0	7.0	6.0
75	6.88563	5.09503	4.59892	4.09217	3.25039	3.08416	2.84041	2.24693
	60.0	27.0	18.0	18.0	18.0	7.0	7.0	7.0
80	10.77969	7.81197	6.06401	5.26039	4.41861	3.89178	3.29471	2.70123
	60.0	54.0	54.0	18.0	18.0	18.0	7.0	7.0
85	14.67375	11.31663	9.61451	7.06316	5.58683	5.06000	3.80011	3.15554
	60.0	54.0	54.0	42.0	18.0	18.0	8.0	7.0
90	18.56781	15.17256	13.50857	10.44488	8.29715	7.33260	4.31931	3.61683
	60.0	60.0	60.0	60.0	42.0	42.0	8.0	8.0
95	22.46187	19.06662	17.40263	14.33894	11.50129	10.05844	5.58191	4.13604
	60.0	60.0	60.0	60.0	60.0	42.0	30.0	8.0
100	26.35593	22.96068	21.29669	18.23300	15.39535	12.90215	7.52894	4.65525
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	8.0

STATION = 01474000 WISSAHICKON CREEK AT MOUTH, PHILADELPHIA, PA
AVERAGE FLOW (INCH/MONTH) 1.83206
DRAINAGE AREA (SQ MI) 64.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.12888	0.10410	0.08662	0.08079	0.07642	0.07205	0.06185	0.03676
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5
30	0.37645	0.31525	0.30067	0.28028	0.25963	0.25526	0.24506	0.16199
	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0
40	1.03106	0.90266	0.85894	0.72795	0.64635	0.61153	0.52428	0.34519
	4.0	4.0	4.0	4.0	4.0	3.0	2.0	1.0
50	2.32700	2.12793	1.97492	1.79131	1.63830	1.50043	1.17693	0.72836
	8.0	7.0	7.0	7.0	7.0	6.0	6.0	3.0
55	3.05982	2.80335	2.67511	2.43253	2.27952	2.11630	1.72655	1.09274
	8.0	8.0	8.0	7.0	7.0	7.0	6.0	4.0
60	3.79265	3.53618	3.40794	3.09318	2.92074	2.75752	2.27617	1.48877
	8.0	8.0	8.0	8.0	7.0	7.0	6.0	5.0
65	4.52547	4.26900	4.14076	3.82600	3.56196	3.39874	2.90912	2.02138
	8.0	8.0	8.0	8.0	7.0	7.0	7.0	6.0
70	5.25830	5.00183	4.87359	4.55883	4.29069	4.12749	3.55034	2.57100
	8.0	8.0	8.0	8.0	8.0	8.0	7.0	6.0
75	7.62041	6.23495	5.60641	5.29165	5.02351	4.86031	4.26575	3.12062
	30.0	18.0	8.0	8.0	8.0	8.0	8.0	6.0
80	11.74260	9.01334	7.54181	6.52166	5.75633	5.59313	4.99857	3.67024
	48.0	48.0	48.0	27.0	8.0	8.0	8.0	6.0
85	16.46987	13.96765	12.48837	10.17850	7.55288	6.32596	5.73140	4.21986
	54.0	54.0	54.0	54.0	36.0	8.0	8.0	6.0
90	21.41644	19.46383	17.43494	15.16575	12.00060	9.38844	6.46422	4.76947
	54.0	54.0	54.0	54.0	54.0	48.0	8.0	6.0
95	26.75583	24.96001	22.81450	20.66193	16.94716	14.28045	7.19705	5.31909
	60.0	60.0	60.0	60.0	54.0	54.0	8.0	6.0
100	32.25201	30.45619	28.31068	26.15811	22.42402	19.77663	9.58234	5.89817
	60.0	60.0	60.0	60.0	60.0	60.0	27.0	7.0

STATION = 01475530 COBBS CREEK AT US HIGHWAY NO 1 AT PHILADELPHIA, PA
AVERAGE FLOW (INCH/MONTH) 1.71760
DRAINAGE AREA (SQ MI) 4.8

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.02603	0.02603	0.01632	0.00661	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0
30	0.11191	0.11191	0.10220	0.09249	0.08278	0.07305	0.06334	0.02449
	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
40	0.28601	0.24016	0.24016	0.22072	0.22072	0.20129	0.16244	0.11037
	2.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5
50	0.71114	0.65285	0.59455	0.53626	0.51295	0.47409	0.39637	0.25648
	3.0	3.0	3.0	3.0	2.0	2.0	2.0	1.0
55	1.12150	0.93458	0.90311	0.83744	0.74767	0.74767	0.56813	0.37383
	6.0	5.0	4.0	4.0	4.0	4.0	2.0	2.0
60	1.63678	1.40362	1.28704	1.26684	1.09119	1.09119	0.87824	0.54559
	6.0	6.0	6.0	5.0	4.0	4.0	4.0	2.0
65	2.15206	1.91890	1.83069	1.69624	1.56916	1.45259	1.30764	0.82189
	6.0	6.0	6.0	5.0	5.0	5.0	5.0	5.0
70	4.05265	2.84637	2.52890	2.29584	2.15983	2.02383	1.73704	1.26839
	54.0	30.0	30.0	7.0	7.0	7.0	5.0	5.0
75	8.69017	7.03535	6.72203	5.78657	4.92755	4.00524	2.24998	1.80893
	54.0	54.0	54.0	54.0	54.0	54.0	6.0	6.0
80	13.32769	12.11729	11.82153	10.88497	10.08035	9.15804	4.27198	2.41009
	54.0	54.0	54.0	54.0	54.0	54.0	27.0	7.0
85	18.38604	17.27009	16.97433	16.03777	15.23315	14.31084	6.59074	3.06372
	60.0	60.0	60.0	60.0	60.0	60.0	27.0	12.0
90	23.53884	22.42289	22.12713	21.19057	20.38595	19.46364	8.90950	4.09428
	60.0	60.0	60.0	60.0	60.0	60.0	27.0	12.0
95	28.69164	27.57569	27.27993	26.34337	25.53875	24.61644	11.22826	5.12484
	60.0	60.0	60.0	60.0	60.0	60.0	27.0	12.0
100	33.84444	32.72849	32.43273	31.49617	30.69155	29.76924	13.54702	6.15540
	60.0	60.0	60.0	60.0	60.0	60.0	27.0	12.0

STATION = 01475540 COBBS CREEK BELOW INDIAN CREEK NEAR UPPER DARBY, PA
AVERAGE FLOW (INCH/MONTH) 1.48506
DRAINAGE AREA (SQ MI) 9.7

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.00386	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.07812	0.06933	0.05173	0.04733	0.04293	0.03853	0.02533	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0
30	0.20477	0.18157	0.17277	0.14637	0.14637	0.13757	0.09958	0.06879
	2.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5
40	0.50178	0.43139	0.39619	0.36100	0.32580	0.30820	0.24208	0.16289
	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0
50	1.03447	0.85850	0.78811	0.72306	0.64734	0.61748	0.51723	0.32367
	4.0	4.0	4.0	3.0	3.0	3.0	2.0	2.0
55	1.33148	1.15551	1.08512	1.01473	0.94435	0.84024	0.70827	0.47218
	4.0	4.0	4.0	4.0	4.0	3.0	3.0	2.0
60	1.70367	1.50771	1.38213	1.31174	1.24136	1.13578	0.93103	0.62068
	6.0	5.0	4.0	4.0	4.0	4.0	3.0	2.0
65	2.14918	1.95308	1.82990	1.70673	1.57104	1.48305	1.18644	0.83704
	6.0	6.0	6.0	6.0	5.0	5.0	4.0	3.0
70	3.94278	2.94927	2.40380	2.22650	2.05187	1.91109	1.54637	1.09632
	27.0	27.0	8.0	7.0	7.0	7.0	5.0	4.0
75	7.18937	4.95411	4.30383	3.04460	2.64589	2.50511	1.98442	1.39333
	54.0	27.0	27.0	21.0	8.0	8.0	6.0	4.0
80	11.19903	8.99582	7.53809	5.81293	4.56269	3.75358	2.64214	1.78792
	54.0	54.0	54.0	54.0	48.0	42.0	10.0	7.0
85	15.20869	13.45100	11.99327	10.26811	8.81024	7.49989	3.76194	2.30769
	54.0	54.0	54.0	54.0	54.0	54.0	24.0	7.0
90	19.21836	17.90618	16.44845	14.72329	13.26542	11.50956	5.58921	2.98340
	54.0	54.0	54.0	54.0	54.0	54.0	27.0	10.0
95	23.31238	22.36136	20.90363	19.17847	17.72060	15.51922	7.59404	3.72593
	60.0	60.0	60.0	60.0	60.0	54.0	27.0	10.0
100	27.76756	26.81654	25.35881	23.63365	22.17578	19.52888	9.59887	4.46846
	60.0	60.0	60.0	60.0	60.0	54.0	27.0	10.0

STATION = 01475550 COBBS CREEK AT DARBY, PA
AVERAGE FLOW (INCH/MONTH) 1.56783
DRAINAGE AREA (SQ MI) 22.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00952	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.04871	0.03600	0.02964	0.02328	0.01692	0.01056	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0
20	0.14824	0.13128	0.11432	0.10585	0.09531	0.08895	0.07623	0.05292
	1.0	1.0	1.0	1.0	0.5	0.5	0.5	0.5
30	0.34720	0.31329	0.27938	0.26263	0.24143	0.23720	0.19903	0.13131
	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.5
40	0.76225	0.71136	0.67322	0.59691	0.55875	0.50815	0.43185	0.28375
	3.0	3.0	3.0	3.0	3.0	2.0	2.0	1.0
50	1.50322	1.35484	1.21952	1.16865	1.06691	1.01604	0.80019	0.55042
	5.0	5.0	4.0	4.0	4.0	4.0	3.0	2.0
55	1.91810	1.79267	1.61289	1.55603	1.42885	1.36526	1.09221	0.74286
	6.0	6.0	6.0	5.0	5.0	5.0	4.0	3.0
60	3.35784	2.35151	2.13369	1.98532	1.83694	1.75722	1.43927	0.99881
	27.0	27.0	7.0	7.0	7.0	5.0	5.0	4.0
65	6.66405	4.46808	3.57965	2.83173	2.39902	2.23731	1.86682	1.31238
	54.0	27.0	27.0	18.0	18.0	7.0	6.0	4.0
70	10.89719	8.29659	7.31226	6.16271	4.81137	4.19493	2.34093	1.72673
	54.0	54.0	54.0	54.0	54.0	42.0	7.0	6.0
75	15.13033	13.00008	12.01575	10.86620	9.51486	8.35716	4.04231	2.20716
	54.0	54.0	54.0	54.0	54.0	54.0	27.0	7.0
80	19.36348	17.70357	16.71924	15.56969	14.21835	12.59031	6.15888	2.79239
	54.0	54.0	54.0	54.0	54.0	54.0	27.0	10.0
85	23.96258	22.40706	21.42273	20.27318	18.92184	16.82345	8.27545	3.73200
	60.0	60.0	60.0	60.0	60.0	54.0	27.0	12.0
90	28.66607	27.11055	26.12622	24.97667	23.62533	21.05659	10.39202	4.67269
	60.0	60.0	60.0	60.0	60.0	54.0	27.0	12.0
95	33.36956	31.81404	30.82971	29.68016	28.32882	25.28973	12.50859	5.61339
	60.0	60.0	60.0	60.0	60.0	54.0	27.0	12.0
100	38.07305	36.51753	35.53320	34.38365	33.03231	29.52287	14.62516	6.55409
	60.0	60.0	60.0	60.0	60.0	54.0	27.0	12.0

STATION = 01476500 RIDLEY CREEK AT MOYLAN, PA
AVERAGE FLOW (INCH/MONTH)1.53566 DRAINAGE
AREA (SQ MI) 31.9

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.01466	0.01053	0.00225	0.00000	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0
20	0.12218	0.10837	0.09181	0.07352	0.07075	0.06385	0.04591	0.01969
	1.0	1.0	1.0	0.5	0.5	0.5	0.5	0.5
30	0.34169	0.30305	0.28095	0.25887	0.24232	0.20397	0.17085	0.09647
	2.0	2.0	2.0	2.0	2.0	1.0	1.0	0.5
40	0.81180	0.72346	0.69033	0.63511	0.58400	0.54258	0.42246	0.25683
	4.0	4.0	4.0	4.0	3.0	3.0	2.0	2.0
50	1.50651	1.39610	1.30459	1.24937	1.16104	1.11687	0.96229	0.58921
	5.0	5.0	4.0	4.0	4.0	4.0	4.0	3.0
55	1.89042	1.78001	1.65578	1.58943	1.50395	1.46254	1.29691	0.88295
	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.0
60	2.37249	2.23233	2.11638	2.05013	1.91763	1.84646	1.68083	1.21154
	7.0	6.0	6.0	6.0	6.0	5.0	5.0	5.0
65	3.08546	2.75550	2.62011	2.51082	2.37832	2.27894	2.09675	1.59545
	18.0	18.0	7.0	6.0	6.0	6.0	6.0	5.0
70	4.46756	4.13760	3.45807	3.02233	2.88707	2.80977	2.55745	2.02742
	18.0	18.0	18.0	7.0	7.0	7.0	6.0	6.0
75	6.76038	5.57512	4.84016	4.23862	3.87066	3.34725	3.03807	2.48812
	30.0	30.0	18.0	18.0	18.0	7.0	7.0	6.0
80	9.18876	7.87861	6.69340	5.62071	5.25275	4.64293	3.57556	2.99585
	54.0	30.0	30.0	18.0	18.0	18.0	7.0	7.0
85	13.33504	11.86347	10.93355	8.26151	6.63485	6.02503	4.17060	3.53333
	54.0	54.0	54.0	42.0	18.0	18.0	8.0	7.0
90	17.72211	16.47045	15.54053	11.81967	9.57617	8.14624	5.18581	4.10025
	60.0	60.0	60.0	60.0	42.0	42.0	16.0	8.0
95	22.32909	21.07743	20.14751	16.42665	14.00807	12.45107	6.44472	4.71452
	60.0	60.0	60.0	60.0	60.0	60.0	18.0	8.0
100	26.93607	25.68441	24.75449	21.03363	18.61505	17.05805	8.21974	5.32878
	60.0	60.0	60.0	60.0	60.0	60.0	27.0	8.0

STATION = 01477000 CHESTER CREEK NEAR CHESTER, PA
AVERAGE FLOW (INCH/MONTH) 1.64246
DRAINAGE AREA (SQ MI) 61.1

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.01795	0.01297	0.00909	0.00633	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0
20	0.14581	0.13819	0.12713	0.11494	0.11384	0.11384	0.11384	0.10388
	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
30	0.89700	0.81586	0.73841	0.68420	0.60340	0.58570	0.51489	0.38284
	8.0	7.0	7.0	7.0	4.0	4.0	4.0	3.0
40	2.77884	2.16624	2.06666	1.96312	1.83431	1.73299	1.49400	0.92403
	27.0	10.0	10.0	8.0	8.0	8.0	8.0	4.0
50	7.21348	5.82565	4.36563	3.96551	3.69137	3.33293	2.96781	1.77404
	27.0	27.0	18.0	14.0	14.0	10.0	10.0	6.0
55	9.43080	8.04297	5.86161	5.37036	4.84109	4.26799	3.78904	2.31929
	27.0	27.0	21.0	18.0	14.0	14.0	10.0	7.0
60	12.75584	10.26029	7.58620	6.84858	6.30643	5.49663	4.61027	2.94469
	42.0	27.0	21.0	18.0	18.0	16.0	10.0	8.0
65	16.20501	12.50464	9.52175	8.32679	7.78464	6.81059	5.43150	3.60167
	42.0	30.0	27.0	18.0	18.0	16.0	10.0	8.0
70	19.65417	14.96833	11.73907	10.17480	9.26286	8.12456	6.25273	4.36073
	42.0	30.0	27.0	27.0	18.0	16.0	10.0	10.0
75	23.10334	17.43202	14.16818	12.39213	10.74107	9.43853	7.07396	5.18196
	42.0	30.0	30.0	27.0	18.0	16.0	10.0	10.0
80	26.55251	19.89571	16.63187	14.60945	12.21928	10.79120	7.89519	6.00319
	42.0	30.0	30.0	27.0	18.0	18.0	10.0	10.0
85	30.00167	24.45601	21.49165	16.82677	13.69750	12.26942	8.85316	6.82442
	42.0	42.0	42.0	27.0	18.0	18.0	12.0	10.0
90	33.45084	29.38339	26.41903	19.13389	15.17571	13.74763	9.83864	7.64565
	42.0	42.0	42.0	30.0	18.0	18.0	12.0	10.0
95	37.22912	34.31077	31.34641	21.59758	16.74884	15.22585	10.82411	8.46688
	60.0	60.0	60.0	30.0	30.0	18.0	12.0	10.0
100	42.15650	39.23815	36.27379	26.05353	21.12283	17.55538	11.99903	9.28811
	60.0	60.0	60.0	60.0	60.0	60.0	18.0	10.0

STATION = 01480300 WEST BRANCH BRANDYWINE CREEK NEAR HONEY BROOK, PA
AVERAGE FLOW (INCH/MONTH) 1.59580
DRAINAGE AREA (SQ MI) 18.7

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.06898	0.06898	0.06898	0.06898	0.06467	0.06467	0.06035	0.01724
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5
20	0.43106	0.35358	0.34496	0.32769	0.31907	0.30182	0.26730	0.13365
	4.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0
30	1.16402	1.08636	1.03473	0.97002	0.86216	0.81902	0.63377	0.38801
	6.0	6.0	5.0	5.0	5.0	5.0	3.0	2.0
40	2.27644	2.04384	1.86265	1.81087	1.75910	1.62967	1.31492	0.82778
	8.0	6.0	6.0	6.0	6.0	6.0	5.0	3.0
50	3.62165	3.44909	3.14710	2.96635	2.79379	2.69025	2.14711	1.34513
	10.0	10.0	10.0	8.0	8.0	8.0	6.0	4.0
55	4.48188	4.24699	3.94500	3.72929	3.47044	3.32857	2.67089	1.66429
	18.0	10.0	10.0	10.0	10.0	8.0	7.0	4.0
60	5.91810	5.04489	4.74290	4.52719	4.26834	3.96689	3.22942	1.98345
	18.0	10.0	10.0	10.0	10.0	8.0	7.0	4.0
65	8.14922	6.25096	5.70081	5.32509	5.06624	4.72110	3.78795	2.30261
	36.0	18.0	18.0	10.0	10.0	10.0	7.0	4.0
70	11.02166	7.82799	7.13703	6.26645	5.86414	5.51900	4.34648	2.71604
	36.0	30.0	18.0	18.0	10.0	10.0	7.0	6.0
75	13.89410	10.22169	8.72249	7.94204	6.66204	6.31690	4.91546	3.21385
	36.0	30.0	24.0	21.0	10.0	10.0	8.0	7.0
80	16.76654	14.08835	11.01342	9.61763	7.89532	7.26290	5.69112	3.77238
	36.0	36.0	36.0	21.0	18.0	18.0	10.0	7.0
85	21.24762	18.87575	14.32509	12.41025	9.33154	8.69912	6.48902	4.36288
	60.0	60.0	60.0	36.0	18.0	18.0	10.0	8.0
90	26.03502	23.66315	19.11249	15.33148	12.27519	10.16847	7.28692	5.00120
	60.0	60.0	60.0	60.0	54.0	36.0	10.0	8.0
95	30.82242	28.45055	23.89989	20.11888	16.58385	14.10624	8.26601	5.63952
	60.0	60.0	60.0	60.0	54.0	54.0	18.0	8.0
100	35.60982	33.23795	28.68729	24.90628	21.29934	18.41490	9.70943	6.33734
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	10.0

STATION = 01480500 WEST BRANCH BRANDYWINE CREEK AT COATESVILLE, PA
AVERAGE FLOW (INCH/MONTH) 1.62136
DRAINAGE AREA (SQ MI) 45.8

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.01125	0.00752	0.00474	0.00102	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0
20	0.23523	0.21289	0.19055	0.17566	0.16076	0.14587	0.11203	0.05602
	2.0	2.0	2.0	2.0	2.0	2.0	1.0	0.5
30	0.80624	0.72431	0.62006	0.59772	0.54559	0.49856	0.40685	0.18853
	4.0	4.0	4.0	4.0	4.0	3.0	2.0	1.0
40	1.57896	1.51193	1.38097	1.32511	1.25064	1.19479	0.90371	0.47420
	6.0	6.0	5.0	5.0	5.0	5.0	4.0	2.0
50	2.59914	2.48475	2.31242	2.19433	2.09379	2.00547	1.63312	0.90168
	7.0	6.0	6.0	6.0	6.0	5.0	5.0	3.0
55	3.16662	2.99720	2.87990	2.68074	2.58020	2.41081	2.03846	1.21374
	7.0	7.0	7.0	6.0	6.0	5.0	5.0	4.0
60	3.76937	3.56467	3.44737	3.18674	3.06661	2.87671	2.44380	1.53801
	14.0	7.0	7.0	7.0	6.0	6.0	5.0	4.0
65	5.42540	4.63117	4.24256	3.75422	3.55301	3.36311	2.91629	1.93688
	21.0	18.0	18.0	7.0	6.0	6.0	6.0	5.0
70	8.72298	6.80347	5.70179	4.85549	4.07407	3.87859	3.44852	2.35267
	54.0	27.0	18.0	18.0	7.0	7.0	7.0	6.0
75	13.10065	8.99231	7.84262	6.31471	5.06603	4.44607	4.01600	2.83908
	54.0	27.0	27.0	18.0	18.0	7.0	7.0	6.0
80	17.47832	11.82713	10.52544	8.44249	6.65684	5.60768	4.58348	3.32549
	54.0	54.0	54.0	27.0	27.0	18.0	7.0	6.0
85	21.85599	16.20480	14.90311	12.02852	8.84567	7.47168	5.17190	3.81190
	54.0	54.0	54.0	54.0	27.0	27.0	8.0	6.0
90	26.23367	20.58248	19.28079	16.40620	12.02415	9.90372	6.28068	4.29830
	54.0	54.0	54.0	54.0	54.0	30.0	14.0	6.0
95	30.61134	24.97335	23.65846	20.78387	16.40182	12.98320	7.44801	4.84677
	54.0	54.0	54.0	54.0	54.0	48.0	16.0	10.0
100	34.98901	29.83743	28.03973	25.16154	20.88173	17.14208	9.31461	5.65745
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	10.0

STATION = 01480680 MARSH CREEK NEAR LYNDELL, PA
AVERAGE FLOW (INCH/MONTH) 1.25799
DRAINAGE AREA (SQ MI) 17.8

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.01050	0.00787	0.00525	0.00001	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0
10	0.04196	0.03932	0.03670	0.03146	0.02622	0.02360	0.01575	0.00000
	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.0
20	0.20979	0.17835	0.14156	0.13633	0.12585	0.11014	0.08918	0.05506
	2.0	2.0	1.0	1.0	1.0	1.0	1.0	0.5
30	0.53488	0.45630	0.39342	0.36706	0.32515	0.29372	0.21498	0.15210
	3.0	3.0	3.0	2.0	2.0	2.0	1.0	1.0
40	1.02273	0.92296	0.83913	0.77626	0.71338	0.59791	0.50361	0.31478
	5.0	4.0	4.0	4.0	4.0	3.0	3.0	2.0
50	1.65173	1.51051	1.41620	1.36355	1.21658	1.12776	0.94413	0.56664
	5.0	5.0	5.0	5.0	4.0	4.0	4.0	3.0
55	1.96622	1.88791	1.79360	1.67804	1.52085	1.44226	1.23268	0.79753
	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.0
60	2.39166	2.26530	2.17099	2.04523	1.88805	1.79373	1.54718	1.04913
	8.0	6.0	6.0	6.0	6.0	6.0	5.0	4.0
65	2.89486	2.64270	2.54839	2.42296	2.27626	2.17113	1.91964	1.33772
	8.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
70	3.39805	3.04665	2.93661	2.86326	2.71656	2.60652	2.29704	1.69974
	8.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
75	4.26721	3.74096	3.37691	3.30356	3.15686	3.04682	2.68006	2.07714
	42.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
80	6.90899	5.88285	4.76113	3.84913	3.59715	3.48711	3.12035	2.45453
	42.0	42.0	42.0	18.0	7.0	7.0	7.0	6.0
85	9.98298	9.27942	8.15770	6.34475	4.66466	4.14805	3.56065	2.83193
	54.0	54.0	54.0	54.0	18.0	18.0	7.0	6.0
90	13.37955	12.67599	11.55427	9.74132	7.84862	6.90857	4.02760	3.26742
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	7.0
95	16.77613	16.07257	14.95085	13.13790	11.48365	10.68254	5.12111	3.70771
	54.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0
100	20.44173	19.46914	18.34742	16.89636	15.25762	14.45651	6.44124	4.19567
	60.0	54.0	54.0	54.0	54.0	54.0	27.0	8.0

STATION = 01480700 EAST BRANCH BRANDYWINE CREEK NEAR DOWNINGTOWN, PA
AVERAGE FLOW (INCH/MONTH) 1.70401
DRAINAGE AREA (SQ MI) 60.6

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.02666	0.01947	0.01825	0.01641	0.01579	0.01455	0.00842	0.00000
	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.0
20	0.37721	0.30350	0.27793	0.26318	0.24476	0.22633	0.19265	0.11475
	5.0	5.0	3.0	3.0	3.0	3.0	2.0	1.0
30	1.22922	1.15550	1.06950	0.96508	0.90980	0.85452	0.65276	0.40324
	5.0	5.0	5.0	5.0	5.0	5.0	3.0	2.0
40	2.21714	2.13115	1.98495	1.85618	1.76181	1.70652	1.25712	0.83595
	7.0	7.0	7.0	6.0	5.0	5.0	4.0	3.0
50	4.77698	3.90125	3.17776	3.01437	2.82518	2.59848	2.13410	1.45222
	18.0	18.0	7.0	7.0	7.0	6.0	6.0	4.0
55	6.46646	5.43486	4.66443	3.76931	3.42158	3.16359	2.64761	1.79302
	30.0	18.0	18.0	18.0	7.0	7.0	7.0	4.0
60	9.02247	7.48121	6.19804	5.30292	4.15083	3.75999	3.24401	2.18353
	30.0	27.0	18.0	18.0	14.0	7.0	7.0	6.0
65	11.57848	9.78163	7.79809	6.83653	5.39844	4.80010	3.84042	2.69473
	30.0	27.0	21.0	18.0	18.0	14.0	7.0	6.0
70	14.13450	12.08204	9.79537	8.37014	6.93205	5.99291	4.43682	3.25868
	30.0	27.0	27.0	18.0	18.0	14.0	7.0	7.0
75	17.54066	14.38245	12.09578	9.90375	8.46566	7.18572	5.10361	3.85508
	54.0	27.0	27.0	18.0	18.0	14.0	8.0	7.0
80	22.14148	18.92854	14.89868	11.65324	9.99926	8.49545	5.91699	4.45149
	54.0	54.0	54.0	21.0	18.0	16.0	10.0	7.0
85	26.74231	23.52937	19.61734	14.15823	11.53287	9.85866	6.76900	5.13019
	54.0	54.0	54.0	54.0	18.0	16.0	10.0	8.0
90	31.34314	28.13020	24.72937	19.27026	14.65676	11.24064	7.62100	5.90108
	54.0	54.0	54.0	54.0	54.0	21.0	10.0	10.0
95	35.94396	33.07155	29.84140	24.38229	19.25758	15.00565	8.80854	6.75308
	54.0	54.0	54.0	54.0	54.0	54.0	14.0	10.0
100	40.54479	38.18358	34.95343	29.49432	23.85841	19.69401	10.43719	7.60509
	54.0	54.0	54.0	54.0	54.0	54.0	21.0	10.0

STATION = 01480800 EAST BRANCH BRANDYWINE CREEK AT DOWNINGTOWN, PA
AVERAGE FLOW (INCH/MONTH) 1.20098
DRAINAGE AREA (SQ MI) 81.6

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.06761	0.06305	0.04934	0.04524	0.03952	0.03609	0.02752	0.00866
	1.0	1.0	1.0	0.5	0.5	0.5	0.5	0.5
30	0.27854	0.24083	0.21999	0.19255	0.17427	0.16513	0.12827	0.07798
	3.0	3.0	2.0	2.0	2.0	2.0	1.0	1.0
40	0.72756	0.67349	0.61862	0.57291	0.52719	0.47233	0.38168	0.24759
	5.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0
50	1.32805	1.18908	1.14519	1.10519	1.04232	0.99660	0.86517	0.57327
	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.0
55	1.66594	1.54937	1.45336	1.42592	1.37107	1.33678	1.17905	0.84538
	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
60	2.05993	1.95592	1.86791	1.81191	1.73990	1.69708	1.53935	1.14563
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
65	2.53286	2.37626	2.28825	2.23225	2.16024	2.05737	1.89964	1.46761
	8.0	7.0	7.0	7.0	7.0	6.0	6.0	6.0
70	3.18888	2.87581	2.71152	2.65259	2.58058	2.45257	2.26857	1.82791
	18.0	18.0	8.0	7.0	7.0	7.0	7.0	6.0
75	4.65042	3.97081	3.67087	3.18846	3.00092	2.92674	2.68891	2.20088
	54.0	54.0	18.0	18.0	7.0	7.0	7.0	7.0
80	7.89307	7.21346	6.03184	4.26934	3.98237	3.57253	3.10926	2.62123
	54.0	54.0	54.0	18.0	18.0	18.0	7.0	7.0
85	11.13571	10.45610	9.27448	7.45294	5.81272	5.04494	3.60712	3.04157
	54.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0
90	14.37836	13.69875	12.51713	10.69559	9.32724	8.64788	4.68801	3.46191
	54.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0
95	17.62100	16.94139	15.75977	14.14331	12.93018	12.25082	5.76889	3.88226
	54.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0
100	20.86365	20.18404	19.00242	17.74625	16.53312	15.85376	7.14868	4.35035
	54.0	54.0	54.0	54.0	54.0	54.0	27.0	8.0

STATION = 01481000 BRANDYWINE CREEK AT CHADDS FORD, PA
AVERAGE FLOW (INCH/MONTH) 1.57116
DRAINAGE AREA (SQ MI) 287.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.00485	0.00417	0.00336	0.00256	0.00149	0.00095	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0
20	0.29255	0.23938	0.20254	0.19020	0.16978	0.15229	0.14693	0.09429
	3.0	3.0	2.0	2.0	2.0	1.0	1.0	1.0
30	0.95628	0.88510	0.81797	0.73338	0.62999	0.58423	0.46741	0.28208
	5.0	5.0	5.0	5.0	5.0	3.0	3.0	2.0
40	2.02315	1.75246	1.60355	1.51896	1.41557	1.33635	0.99798	0.65760
	7.0	7.0	5.0	5.0	5.0	5.0	5.0	3.0
50	3.22107	2.85227	2.68872	2.59849	2.32968	2.14994	1.78356	1.12930
	8.0	7.0	7.0	7.0	7.0	6.0	5.0	4.0
55	3.94383	3.48001	3.31673	3.15131	2.87959	2.73023	2.24426	1.44353
	18.0	8.0	8.0	8.0	7.0	7.0	6.0	4.0
60	5.35788	4.46262	3.97547	3.77978	3.44893	3.35870	2.71561	1.75776
	18.0	18.0	10.0	8.0	8.0	8.0	6.0	4.0
65	6.77192	5.87666	4.76105	4.47103	4.08432	3.98716	3.18695	2.07200
	18.0	8.0	10.0	10.0	10.0	8.0	6.0	4.0
70	8.18597	7.29071	5.91984	5.31417	4.86990	4.61563	3.71116	2.38623
	18.0	18.0	18.0	14.0	10.0	8.0	8.0	4.0
75	10.72426	8.70475	7.33388	6.41398	5.65548	5.24409	4.33962	2.70046
	48.0	18.0	18.0	14.0	10.0	8.0	8.0	4.0
80	14.49504	10.37188	8.78363	7.67595	6.45422	5.94425	4.96808	3.23235
	48.0	42.0	21.0	18.0	14.0	10.0	8.0	7.0
85	18.26583	14.67824	11.10345	9.85587	8.58788	6.75761	5.61536	3.78225
	48.0	48.0	48.0	36.0	36.0	24.0	10.0	7.0
90	22.79287	19.39172	15.81693	14.21425	11.41596	8.84717	6.40094	4.34388
	60.0	60.0	60.0	60.0	36.0	36.0	10.0	10.0
95	27.50635	24.10520	20.53041	18.92773	14.69356	12.76572	7.18652	5.12946
	60.0	60.0	60.0	60.0	60.0	60.0	10.0	10.0
100	32.21983	28.81868	25.24389	23.64121	19.40704	17.47920	8.93571	5.91504
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	10.0

STATION = 01516500 COREY CREEK NEAR MAINESBURG, PA
AVERAGE FLOW (INCH/MONTH) 1.13886
DRAINAGE AREA (SQ MI) 12.2

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00374	0.00187	0.00187	0.00187	0.00187	0.00187	0.00000	0.00000
	1.0	0.5	0.5	0.5	0.5	0.5	0.0	0.0
5	0.07909	0.06802	0.06802	0.05274	0.04165	0.03744	0.03400	0.01872
	3.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0
10	0.27207	0.24149	0.22700	0.21091	0.20406	0.18112	0.15819	0.09017
	4.0	4.0	3.0	3.0	3.0	3.0	3.0	2.0
20	0.81622	0.75664	0.71841	0.68019	0.68019	0.60531	0.54416	0.42184
	6.0	5.0	5.0	5.0	5.0	4.0	4.0	4.0
30	1.49954	1.40781	1.31607	1.31607	1.24962	1.17847	1.09673	0.87738
	6.0	6.0	6.0	6.0	5.0	5.0	5.0	4.0
40	2.27910	2.11858	2.06506	1.99938	1.90765	1.86178	1.67832	1.43682
	7.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0
50	3.07630	2.91578	2.86226	2.75525	2.59470	2.54510	2.36164	2.00625
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
55	3.90390	3.60064	3.26086	3.15385	2.99330	2.93979	2.72576	2.33635
	18.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
60	5.59850	4.62562	3.98304	3.55245	3.39190	3.33839	3.12436	2.67801
	42.0	18.0	18.0	7.0	7.0	7.0	7.0	6.0
65	7.99011	5.77123	5.00801	4.25808	3.84275	3.73699	3.52296	3.01966
	42.0	30.0	18.0	18.0	8.0	7.0	7.0	6.0
70	10.38171	7.70356	6.51186	5.50963	4.41827	4.13559	3.92156	3.36132
	42.0	42.0	30.0	30.0	30.0	7.0	7.0	6.0
75	13.05739	10.77848	8.47729	7.23642	6.12656	5.08667	4.32017	3.73154
	54.0	54.0	54.0	54.0	30.0	18.0	7.0	7.0
80	16.13231	13.85340	11.55221	10.31134	7.83485	6.23105	4.72014	4.13014
	54.0	54.0	54.0	54.0	30.0	30.0	8.0	7.0
85	19.20723	16.92832	14.83703	13.38626	10.74904	9.04272	5.17569	4.52874
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	7.0
90	22.28216	20.24055	18.25361	16.70458	13.82397	12.45930	6.41298	4.92734
	54.0	54.0	54.0	54.0	54.0	54.0	24.0	7.0
95	25.35708	23.65713	21.67019	20.12116	17.02576	15.87588	7.90314	5.32594
	54.0	54.0	54.0	54.0	54.0	54.0	27.0	7.0
100	28.43200	27.07371	25.08677	23.53774	20.44234	19.29246	9.58967	5.72454
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0

STATION = 01518000 TIOGA RIVER AT TIOGA. PA
AVERAGE FLOW (INCH/MONTH) 1.43234
DRAINAGE AREA (SQ MI) 282.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.05725	0.04997	0.03656	0.03127	0.02730	0.02499	0.01497	0.00621
	2.0	2.0	1.0	1.0	1.0	1.0	0.5	0.5
10	0.22333	0.20150	0.18066	0.15815	0.14559	0.12839	0.09465	0.05791
	3.0	3.0	3.0	2.0	2.0	2.0	2.0	1.0
20	0.77256	0.73122	0.68491	0.63259	0.60745	0.58232	0.49633	0.34149
	5.0	5.0	5.0	4.0	4.0	4.0	4.0	3.0
30	1.61978	1.52056	1.42730	1.34651	1.29194	1.23737	1.10509	0.83380
	6.0	6.0	6.0	5.0	5.0	5.0	5.0	4.0
40	2.59606	2.37997	2.28671	2.18155	2.11804	2.04263	1.82126	1.48061
	7.0	6.0	6.0	6.0	6.0	6.0	5.0	5.0
50	3.59870	3.37877	3.25376	3.14033	2.97744	2.90203	2.63615	2.19678
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
55	4.16521	3.88009	3.75508	3.64165	3.46801	3.38236	3.06585	2.55487
	18.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
60	5.45431	4.38141	4.25640	4.14297	3.96933	3.88368	3.54104	2.97962
	18.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
65	7.49818	5.58219	5.05705	4.64429	4.47065	4.38500	4.04236	3.40933
	42.0	42.0	18.0	7.0	7.0	7.0	7.0	6.0
70	10.50610	8.59011	6.34615	5.79514	4.97197	4.88632	4.54368	3.83903
	42.0	42.0	18.0	18.0	7.0	7.0	7.0	6.0
75	13.51401	11.59802	8.64114	7.53362	6.14108	5.57706	5.04500	4.26873
	42.0	42.0	42.0	30.0	30.0	18.0	7.0	6.0
80	16.72749	14.74507	12.93816	10.40571	8.28959	6.86617	5.54631	4.69843
	54.0	54.0	54.0	54.0	30.0	18.0	7.0	6.0
85	20.59481	19.04209	17.23518	14.27303	11.80406	9.08232	6.04763	5.18181
	54.0	54.0	54.0	54.0	54.0	36.0	7.0	7.0
90	24.46212	23.33911	21.53220	18.35525	15.67137	13.05694	6.81813	5.68313
	54.0	54.0	54.0	54.0	54.0	54.0	27.0	7.0
95	28.32944	27.63613	25.82922	22.65227	19.91633	17.35396	8.75179	6.18445
	54.0	54.0	54.0	54.0	54.0	54.0	27.0	7.0
100	32.60555	31.93315	30.12624	26.94929	24.21335	21.65098	10.88479	6.68577

STATION = 01520000 COWANESQUE RIVER NEAR LAWRENCEVILLE, PA
AVERAGE FLOW (INCH/MONTH) 1.10167
DRAINAGE AREA (SQ MI) 298.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00382	0.00206	0.00176	0.00145	0.00114	0.00066	0.00000	0.00000
	1.0	0.5	0.5	0.5	0.5	0.5	0.0	0.0
5	0.07700	0.07449	0.06698	0.05446	0.04633	0.04194	0.03317	0.01722
	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0
10	0.26416	0.24538	0.22253	0.21126	0.19435	0.18404	0.14929	0.08326
	4.0	4.0	3.0	3.0	3.0	3.0	3.0	2.0
20	0.77305	0.73862	0.71359	0.68230	0.67292	0.63692	0.53958	0.37933
	5.0	5.0	5.0	5.0	5.0	5.0	4.0	3.0
30	1.47665	1.35959	1.33705	1.28260	1.22376	1.18776	1.06414	0.81751
	7.0	6.0	6.0	6.0	5.0	5.0	5.0	4.0
40	2.24782	2.11637	1.99805	1.94360	1.87599	1.83844	1.64503	1.33799
	7.0	7.0	6.0	6.0	6.0	6.0	6.0	5.0
50	3.01899	2.88754	2.76705	2.70571	2.63122	2.53483	2.30603	1.90982
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
55	3.62356	3.27312	3.15263	3.09129	3.01680	2.92041	2.68162	2.24032
	18.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
60	4.61507	3.91575	3.53821	3.47687	3.40238	3.30599	3.06720	2.57082
	18.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
65	6.49382	5.05845	4.41114	3.87343	3.78797	3.69158	3.45279	2.90132
	42.0	30.0	18.0	8.0	7.0	7.0	7.0	6.0
70	8.80733	6.81615	5.96328	5.03841	4.17355	4.07716	3.83837	3.23182
	42.0	42.0	30.0	30.0	7.0	7.0	7.0	6.0
75	11.12084	9.79066	7.80006	6.69092	4.98620	4.46435	4.22396	3.57331
	42.0	42.0	42.0	30.0	18.0	8.0	7.0	7.0
80	13.64949	12.76516	10.77456	8.97075	6.50125	5.36192	4.60954	3.95889
	54.0	54.0	54.0	54.0	30.0	18.0	7.0	7.0
85	16.62400	15.73967	13.74907	11.94526	9.20555	7.34066	4.99513	4.34448
	54.0	54.0	54.0	54.0	54.0	42.0	7.0	7.0
90	19.59851	18.71418	17.01255	14.91977	12.18006	10.28126	5.48379	4.73006
	54.0	54.0	54.0	54.0	54.0	54.0	27.0	7.0
95	22.81277	21.68869	20.31756	17.89428	15.15457	13.39270	7.10998	5.11565
	60.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
100	26.11778	24.75848	23.62257	21.16290	18.28022	16.69771	8.76248	5.50123
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0

STATION = 01531000 CHEMUNG RIVER AT CHEMUNG, N.Y.
AVERAGE FLOW (INCH/MONTH) 1.15465
DRAINAGE AREA (SQ MI) 2506.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.02508	0.02264	0.02045	0.01669	0.01364	0.01166	0.00942	0.00289
	1.0	1.0	1.0	1.0	1.0	0.5	0.5	0.5
10	0.16197	0.15181	0.14188	0.11853	0.10385	0.09560	0.06941	0.04348
	3.0	3.0	3.0	3.0	2.0	2.0	2.0	1.0
20	0.65215	0.62212	0.56698	0.53450	0.50795	0.47916	0.42015	0.24670
	6.0	5.0	5.0	5.0	5.0	4.0	4.0	3.0
30	1.36732	1.30130	1.23736	1.13444	1.08527	1.01929	0.92321	0.66210
	7.0	6.0	6.0	6.0	5.0	5.0	5.0	4.0
40	2.17558	2.09245	1.93922	1.84472	1.75537	1.70828	1.53796	1.16001
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
50	2.98384	2.90071	2.74748	2.65298	2.50425	2.40107	2.23075	1.73734
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
55	3.65554	3.30483	3.15160	3.05710	2.90838	2.80299	2.57714	2.05869
	18.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
60	4.69472	3.91030	3.55573	3.46123	3.31251	3.20712	2.96603	2.40509
	18.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
65	6.06455	4.94948	4.28465	3.86536	3.71664	3.61125	3.37016	2.75148
	30.0	18.0	18.0	7.0	7.0	7.0	7.0	6.0
70	7.89480	6.61024	5.49398	4.74484	4.12077	4.01538	3.77429	3.09788
	54.0	30.0	30.0	18.0	7.0	7.0	7.0	6.0
75	11.01235	9.34991	8.01693	5.88442	5.12429	4.68817	4.17841	3.48806
	54.0	54.0	54.0	30.0	18.0	18.0	7.0	7.0
80	14.12991	12.46747	11.13449	9.13897	7.24276	6.04288	4.58254	3.89219
	54.0	54.0	54.0	54.0	54.0	30.0	7.0	7.0
85	17.57340	15.58502	14.25204	12.60292	10.70671	9.15910	4.98667	4.29632
	60.0	54.0	54.0	54.0	54.0	54.0	7.0	7.0
90	21.03735	18.70258	17.36960	16.06687	14.17066	12.62305	6.37329	4.70045
	60.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
95	24.50130	21.82013	20.48715	19.53082	17.63461	16.08700	8.10526	5.10457
	60.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
100	27.96525	25.17265	23.92425	22.99477	21.09856	19.55095	9.83724	5.50870
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0

STATION = 01531500 SUSQUEHANNA RIVER AT TOWANDA, PA
AVERAGE FLOW (INCH/MONTH) 1.52780
DRAINAGE AREA(SQ MI) 7797.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.01934	0.01327	0.01251	0.01087	0.00934	0.00718	0.00278	0.00000
	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.0
10	0.13279	0.12011	0.10957	0.09600	0.08666	0.07210	0.05837	0.03017
	2.0	2.0	2.0	2.0	2.0	1.0	1.0	0.5
20	0.65522	0.62186	0.59287	0.54136	0.48764	0.46593	0.38618	0.23334
	5.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0
30	1.42077	1.29853	1.25656	1.18430	1.13684	1.10163	0.96168	0.65534
	6.0	5.0	5.0	5.0	5.0	5.0	4.0	3.0
40	2.38846	2.21223	2.15377	2.02971	1.93212	1.86553	1.69526	1.24338
	7.0	7.0	6.0	6.0	6.0	5.0	5.0	4.0
50	3.45792	3.28169	3.22226	3.01644	2.85010	2.76918	2.54390	1.98455
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
55	3.99265	3.81642	3.75699	3.55117	3.38483	3.28568	3.00224	2.36650
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
60	4.62523	4.35115	4.29172	4.08590	3.91956	3.82041	3.46058	2.77301
	18.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
65	6.13955	5.02421	4.82645	4.62063	4.45429	4.35514	3.97173	3.23135
	30.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
70	8.43125	7.12901	5.91308	5.16672	4.98902	4.88987	4.50646	3.68969
	30.0	30.0	18.0	18.0	7.0	7.0	7.0	6.0
75	12.05751	11.21631	8.13034	6.54174	5.74456	5.42460	5.04119	4.20436
	54.0	54.0	54.0	18.0	18.0	7.0	7.0	7.0
80	16.52135	15.34137	12.25540	9.27285	7.38762	6.42746	5.57592	4.73909
	60.0	54.0	54.0	54.0	30.0	18.0	7.0	7.0
85	21.10475	19.46643	16.38046	13.79445	11.73225	10.25815	6.11065	5.27382
	60.0	54.0	54.0	54.0	54.0	54.0	7.0	7.0
90	25.68815	23.59149	20.50552	18.37785	16.31565	14.84155	7.21898	5.80855
	60.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0
95	30.27155	27.71655	24.63058	22.96125	20.89905	19.42495	9.39435	6.34328
	60.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
100	34.85495	31.84161	29.14900	27.54465	25.48245	24.00835	11.68605	6.87801
	60.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0

STATION = 01532000 TOWANDA CREEK NEAR MONROETON, PA
AVERAGE FLOW (INCH/MONTH) 1.51019
DRAINAGE AREA (SQ MI) 215.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00420	0.00360	0.00301	0.00262	0.00123	0.00085	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0
5	0.10704	0.09976	0.09029	0.07608	0.05874	0.05106	0.04278	0.02297
	3.0	2.0	2.0	2.0	2.0	1.0	1.0	0.5
10	0.38324	0.31820	0.29217	0.26495	0.24839	0.22828	0.17741	0.10249
	4.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0
20	1.00776	0.96204	0.93839	0.86938	0.84374	0.79051	0.70339	0.47194
	6.0	5.0	5.0	5.0	5.0	5.0	4.0	3.0
30	1.98993	1.80976	1.74588	1.71748	1.62757	1.54561	1.38196	1.04089
	7.0	6.0	6.0	6.0	6.0	5.0	5.0	4.0
40	3.04706	2.85659	2.71858	2.62360	2.53369	2.40592	2.13705	1.71509
	7.0	7.0	7.0	6.0	6.0	6.0	5.0	5.0
50	4.35680	3.91373	3.77572	3.62389	3.48311	3.35336	3.03047	2.47019
	18.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
55	5.71597	4.44229	4.30428	4.15245	4.01167	3.88192	3.48353	2.86125
	18.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
60	7.07514	5.75309	4.83285	4.68102	4.54024	4.41049	3.95779	3.31430
	18.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
65	8.43431	7.11226	5.82155	5.25550	5.06880	4.93905	4.48635	3.76736
	18.0	18.0	18.0	18.0	7.0	7.0	7.0	6.0
70	11.16523	9.96072	7.45397	6.61467	5.59737	5.46762	5.01492	4.24475
	54.0	54.0	27.0	18.0	7.0	7.0	7.0	7.0
75	15.52310	14.03824	11.17147	8.66821	7.73964	6.27364	5.54349	4.77332
	60.0	54.0	54.0	42.0	42.0	18.0	7.0	7.0
80	20.05367	18.11575	15.24898	12.10680	10.91103	8.31895	6.07205	5.30188
	60.0	54.0	54.0	54.0	42.0	36.0	7.0	7.0
85	24.58424	22.19326	19.65985	16.59601	14.91017	11.47675	6.87096	5.83045
	60.0	54.0	54.0	54.0	54.0	42.0	18.0	7.0
90	29.11481	26.27077	24.19042	21.12658	19.44074	15.98716	8.87070	6.35902
	60.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
95	33.64538	30.34829	28.72099	25.65715	23.97131	20.51773	11.13598	6.88758
	60.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
100	38.17595	34.56828	33.25156	30.18772	28.50188	25.04830	13.40127	7.41615
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0

STATION = 01532850 MIDDLE BRANCH WYALUSING CREEK NEAR BIRCHARDVILLE, PA
AVERAGE FLOW (INCH/MONTH) 2.02688
DRAINAGE AREA (SQ MI) 5.7

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00195	0.00195	0.00195	0.00000	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0
5	0.06861	0.05226	0.05226	0.05226	0.03589	0.03589	0.02612	0.00977
	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5
10	0.31354	0.26445	0.21537	0.20903	0.20903	0.17632	0.12088	0.07179
	3.0	3.0	3.0	2.0	2.0	2.0	1.0	1.0
20	1.04516	0.90157	0.83613	0.77435	0.72527	0.70523	0.57802	0.38534
	5.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0
30	2.05860	1.81317	1.73137	1.64955	1.56774	1.51599	1.32231	0.99241
	5.0	5.0	5.0	5.0	5.0	4.0	4.0	4.0
40	3.07204	2.82661	2.74481	2.66299	2.58118	2.49937	2.33575	1.80316
	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.0
50	4.11720	4.00167	3.92086	3.82269	3.72451	3.62634	3.34919	2.69471
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	5.0
55	5.29708	4.71108	4.52892	4.43075	4.33257	4.23440	3.93989	3.20143
	18.0	7.0	6.0	6.0	6.0	6.0	6.0	5.0
60	7.12127	6.25563	5.19143	5.07688	4.96235	4.84782	4.54796	3.70815
	18.0	18.0	7.0	7.0	7.0	7.0	6.0	5.0
65	9.76563	8.07983	6.70266	5.78628	5.67175	5.55722	5.15602	4.27248
	30.0	18.0	18.0	7.0	7.0	7.0	6.0	6.0
70	13.57618	12.01316	10.25840	8.38194	6.46675	6.26663	5.80849	4.88055
	48.0	48.0	48.0	48.0	30.0	7.0	7.0	6.0
75	18.58959	17.48574	15.73098	13.85452	9.81417	8.34508	6.51790	5.48861
	54.0	54.0	54.0	54.0	54.0	30.0	7.0	6.0
80	24.06217	22.95832	21.20356	19.32710	15.28675	12.99562	7.45473	6.19651
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
85	29.92248	28.47628	26.67613	24.79967	21.05259	19.07626	10.49505	6.90592
	60.0	60.0	54.0	54.0	54.0	54.0	30.0	7.0
90	36.00312	34.55692	32.43938	30.27225	27.13323	25.15690	13.53537	7.65607
	60.0	60.0	60.0	54.0	54.0	54.0	30.0	8.0
95	42.08376	40.63756	38.52002	35.75537	33.21387	31.23754	16.57569	8.46682
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	8.0
100	48.16440	46.71820	44.60066	41.83601	39.29451	37.31818	19.61601	9.27757
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	8.0

STATION = 01533500 NORTH BRANCH MEHOOPANY CREEK NEAR LOVELTON, PA
AVERAGE FLOW (INCH/MONTH) 1.51668
DRAINAGE AREA (SQ MI) 35.2

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00228	0.00096	0.00096	0.00000	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0
5	0.08279	0.07218	0.06159	0.05629	0.04668	0.04404	0.03608	0.01937
	2.0	2.0	2.0	2.0	1.0	1.0	1.0	0.5
10	0.32052	0.29932	0.26753	0.24834	0.22449	0.20859	0.16557	0.09139
	4.0	4.0	4.0	3.0	3.0	3.0	2.0	2.0
20	0.97353	0.90599	0.87420	0.84240	0.82120	0.78941	0.67284	0.46488
	5.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0
30	1.83978	1.69670	1.64901	1.58615	1.49341	1.45367	1.29470	0.99337
	6.0	6.0	6.0	5.0	5.0	5.0	5.0	4.0
40	2.85570	2.60671	2.55902	2.43185	2.30467	2.24108	2.05304	1.69535
	7.0	6.0	6.0	6.0	6.0	6.0	5.0	5.0
50	3.91738	3.58353	3.52790	3.34243	3.26824	3.15109	2.89673	2.45369
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
55	4.44822	4.11437	4.05874	3.87327	3.79908	3.63217	3.35173	2.85892
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
60	5.00099	4.66756	4.58958	4.40411	4.32992	4.16301	3.84771	3.31393
	18.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
65	6.95395	6.03258	5.46815	4.93494	4.86075	4.69384	4.37854	3.76893
	27.0	18.0	18.0	7.0	7.0	7.0	7.0	6.0
70	9.72047	7.39759	6.83316	5.98889	5.39159	5.22468	4.90938	4.22394
	54.0	18.0	18.0	18.0	7.0	7.0	7.0	6.0
75	13.81551	10.94672	9.78055	7.35390	6.46744	5.75552	5.44022	4.71690
	54.0	54.0	54.0	18.0	18.0	7.0	7.0	7.0
80	17.91055	15.04176	13.87559	9.53835	7.83245	7.02314	5.97106	5.24774
	54.0	54.0	54.0	54.0	18.0	18.0	7.0	7.0
85	22.00558	19.13679	17.97062	13.63338	10.21082	8.38815	6.54050	5.77858
	54.0	54.0	54.0	54.0	54.0	18.0	8.0	7.0
90	26.10062	23.23183	22.06566	17.72842	14.30586	11.45926	7.28441	6.30941
	54.0	54.0	54.0	54.0	54.0	42.0	18.0	7.0
95	30.19565	27.37112	26.16069	22.26462	18.68291	14.69081	8.64942	6.84025
	54.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0
100	34.54175	31.92116	30.25573	26.81466	23.23295	18.78585	10.76853	7.37109
	60.0	60.0	54.0	54.0	54.0	54.0	30.0	7.0

STATION = 01533950 SOUTH BRANCH TUNKHANNOCK CREEK NEAR MONTDALE, PA
AVERAGE FLOW (INCH/MONTH) 1.55421
DRAINAGE AREA (SQ MI) 12.6

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00036	0.00036	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
5	0.04811	0.04070	0.04070	0.03329	0.03329	0.02590	0.02036	0.00555
	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5
10	0.19980	0.19980	0.16280	0.14799	0.13319	0.11839	0.08880	0.05179
	3.0	3.0	2.0	2.0	2.0	2.0	1.0	1.0
20	0.81403	0.74004	0.68083	0.65122	0.56241	0.53282	0.42180	0.25159
	5.0	4.0	4.0	4.0	4.0	3.0	3.0	2.0
30	1.59114	1.51711	1.36908	1.29507	1.18409	1.12487	0.97683	0.66600
	5.0	5.0	5.0	5.0	4.0	4.0	4.0	3.0
40	2.48659	2.35335	2.22012	2.13130	1.96113	1.88712	1.73908	1.27284
	6.0	6.0	6.0	6.0	5.0	5.0	5.0	4.0
50	3.60010	3.36723	3.21179	3.10817	2.88619	2.79737	2.57530	1.99806
	18.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
55	4.99889	4.23407	3.90856	3.65214	3.39306	3.26363	3.04156	2.41982
	18.0	18.0	18.0	7.0	7.0	6.0	6.0	6.0
60	7.15911	6.09640	5.30735	4.33570	3.93703	3.78160	3.52253	2.88609
	42.0	30.0	18.0	18.0	7.0	7.0	7.0	6.0
65	10.80480	9.00713	7.08880	6.32182	4.98401	4.32558	4.06651	3.35235
	48.0	48.0	48.0	48.0	18.0	7.0	7.0	6.0
70	14.66349	13.20350	11.28517	10.51819	7.18486	5.86530	4.61048	3.81861
	54.0	54.0	54.0	54.0	30.0	30.0	7.0	6.0
75	18.85986	17.39987	15.74855	14.71456	10.91745	8.67270	5.19742	4.28488
	54.0	54.0	54.0	54.0	54.0	54.0	18.0	6.0
80	23.05622	21.72841	20.41118	18.91092	15.47690	13.33533	7.14411	4.75114
	54.0	54.0	54.0	54.0	54.0	54.0	27.0	6.0
85	27.25259	26.39104	25.07381	23.10729	20.13953	17.99796	9.24229	5.25796
	54.0	54.0	54.0	54.0	54.0	54.0	27.0	7.0
90	31.84129	31.05367	29.73644	27.30366	24.80216	22.66059	11.52481	5.80193
	60.0	60.0	60.0	54.0	54.0	54.0	30.0	7.0
95	36.50392	35.71630	34.39907	31.93025	29.46479	27.32322	13.85613	6.34591
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0
100	41.16655	40.37893	39.06170	36.59288	34.12742	31.98585	16.18744	6.88988
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0

STATION = 01534000 TUNKHANNOCK CREEK NEAR TUNKHANNOCK, PA
AVERAGE FLOW (INCH/MONTH) 1.59261
DRAINAGE AREA (SQ MI) 383.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.04067	0.03337	0.03004	0.02628	0.02000	0.01835	0.01315	0.00318
	1.0	1.0	1.0	1.0	0.5	0.5	0.5	0.5
10	0.19354	0.16764	0.15470	0.13302	0.11796	0.10645	0.08355	0.04681
	3.0	3.0	2.0	2.0	2.0	2.0	1.0	1.0
20	0.76316	0.70915	0.63389	0.59935	0.57014	0.53029	0.43690	0.28152
	4.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0
30	1.62615	1.45215	1.37062	1.28760	1.24555	1.20569	1.03893	0.70416
	6.0	6.0	5.0	5.0	5.0	5.0	4.0	3.0
40	2.58171	2.42160	2.31624	2.21776	2.14738	2.08760	1.79612	1.32356
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	4.0
50	3.65109	3.53643	3.43107	3.24046	3.11804	3.04317	2.73901	2.10210
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
55	4.30585	4.09384	3.98848	3.79787	3.67545	3.57317	3.21679	2.50025
	18.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
60	5.73920	4.65125	4.54589	4.35528	4.23286	4.13058	3.71684	2.93616
	18.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
65	7.41904	6.96021	5.16815	4.91270	4.79028	4.68800	4.27426	3.41394
	30.0	30.0	16.0	7.0	7.0	7.0	7.0	6.0
70	11.09537	9.34913	6.67961	6.10564	5.39618	5.24541	4.83167	3.89172
	60.0	30.0	27.0	27.0	8.0	7.0	7.0	6.0
75	15.87320	12.65024	10.40306	8.34602	6.50904	5.99115	5.38908	4.36951
	60.0	54.0	54.0	42.0	18.0	18.0	7.0	6.0
80	20.65103	16.95028	14.70310	11.69050	8.56364	7.42449	5.94650	4.87729
	60.0	54.0	54.0	42.0	42.0	18.0	7.0	7.0
85	25.42886	21.25033	19.00315	15.80111	13.34147	10.76506	6.50861	5.43470
	60.0	54.0	54.0	54.0	54.0	54.0	8.0	7.0
90	30.20669	25.55038	23.30320	20.57894	18.11930	15.54289	8.18664	5.99211
	60.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
95	34.98452	29.85042	27.60324	25.35677	22.89713	20.32072	10.57556	6.54953
	60.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
100	39.76235	34.30292	31.90329	30.13460	27.67496	25.09855	12.96447	7.18361
	60.0	60.0	54.0	54.0	54.0	54.0	30.0	8.0

STATION = 01536500 SUSQUEHANNA RIVER AT WILKES-BARRE, PA
AVERAGE FLOW (INCH/MONTH) 1.50756
DRAINAGE AREA (SQ MI) 9960.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.01179	0.00939	0.00782	0.00614	0.00422	0.00269	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0
10	0.11318	0.10417	0.08853	0.07440	0.06845	0.06395	0.04972	0.02643
	2.0	2.0	2.0	2.0	1.0	1.0	1.0	0.5
20	0.63480	0.58567	0.54720	0.51058	0.46296	0.43559	0.35966	0.21597
	4.0	4.0	4.0	4.0	4.0	3.0	3.0	2.0
30	1.37822	1.27756	1.19338	1.15247	1.08904	1.05901	0.92164	0.62230
	5.0	5.0	5.0	5.0	5.0	5.0	4.0	3.0
40	2.30605	2.25495	2.06245	2.00337	1.93301	1.85958	1.63265	1.20421
	7.0	7.0	6.0	6.0	6.0	6.0	5.0	4.0
50	3.36134	3.31024	3.09591	2.97285	2.83755	2.76412	2.46236	1.95608
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
55	3.88899	3.83789	3.62356	3.50050	3.31692	3.22400	2.91463	2.33297
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
60	4.86792	4.36553	4.15120	4.02814	3.84456	3.75164	3.37631	2.77560
	18.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
65	6.38010	5.14817	4.67885	4.55579	4.37221	4.27929	3.90396	3.22786
	30.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
70	8.64144	7.36247	5.87816	5.31168	4.89985	4.80693	4.43160	3.68013
	30.0	30.0	18.0	18.0	7.0	7.0	7.0	6.0
75	11.77013	10.85335	7.84955	6.66848	5.53371	5.33458	4.95925	4.15097
	54.0	54.0	42.0	18.0	18.0	7.0	7.0	7.0
80	15.97831	14.92376	11.82965	9.15825	7.59039	6.30291	5.48690	4.67862
	60.0	54.0	54.0	54.0	54.0	18.0	7.0	7.0
85	20.50099	18.99417	15.90006	13.68093	12.11307	9.09558	6.01454	5.20626
	60.0	54.0	54.0	54.0	54.0	42.0	7.0	7.0
90	25.02367	23.06459	19.97048	18.20361	16.63575	13.57275	7.21970	5.73391
	60.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0
95	29.54635	27.13500	24.36732	22.72629	21.15843	18.09543	9.08532	6.26155
	60.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
100	34.06903	31.20541	28.89000	27.24897	25.68111	22.61811	11.34666	6.78920
	60.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0

STATION = 01538000 WAPWALLOPEN CREEK NEAR WAPWALLOPEN, PA
AVERAGE FLOW (INCH/MONTH) 1.66710
DRAINAGE AREA (SQ MI) 43.8

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.01561	0.01168	0.00973	0.00781	0.00587	0.00491	0.00000	0.00000
	1.0	0.5	0.5	0.5	0.5	0.5	0.0	0.0
10	0.09896	0.08565	0.07766	0.07186	0.06605	0.06025	0.03895	0.02141
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5
20	0.62133	0.52407	0.50085	0.42534	0.38470	0.33824	0.27583	0.15727
	4.0	3.0	3.0	3.0	3.0	3.0	2.0	1.0
30	1.29346	1.16500	1.12557	1.03266	0.96297	0.90877	0.73843	0.46987
	6.0	5.0	4.0	4.0	4.0	4.0	4.0	2.0
40	2.29372	2.11951	1.96854	1.85337	1.74691	1.70819	1.43719	1.03361
	6.0	6.0	6.0	5.0	5.0	5.0	5.0	4.0
50	3.29398	3.11977	2.97579	2.81780	2.70166	2.56228	2.29515	1.73842
	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
55	3.81673	3.68122	3.55928	3.36957	3.20179	3.06241	2.79528	2.15520
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
60	4.92497	4.26470	4.14276	3.95305	3.72269	3.56254	3.29541	2.57197
	18.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
65	6.42536	5.27102	4.72625	4.53654	4.30618	4.11649	3.79554	2.98875
	18.0	18.0	7.0	7.0	7.0	7.0	6.0	5.0
70	8.94186	6.77141	6.17967	5.51547	4.88966	4.69997	4.29567	3.43622
	54.0	18.0	18.0	18.0	7.0	7.0	6.0	6.0
75	13.44303	11.11172	8.21151	7.10486	6.22472	5.28346	4.87695	3.93635
	54.0	54.0	42.0	42.0	18.0	7.0	7.0	6.0
80	17.94420	16.08077	12.54806	10.86012	8.16800	6.99354	5.46044	4.48483
	54.0	54.0	54.0	54.0	30.0	30.0	7.0	7.0
85	22.56589	21.08207	17.04923	15.36129	12.90884	11.06841	6.24032	5.06832
	60.0	60.0	54.0	54.0	54.0	54.0	30.0	7.0
90	27.56719	26.08337	21.70664	19.86246	17.91014	16.06971	8.74097	5.65180
	60.0	60.0	60.0	54.0	54.0	54.0	30.0	7.0
95	32.56849	31.08467	26.70794	24.78967	22.91144	21.07101	11.24162	6.23529
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0
100	37.56979	36.08597	31.70924	29.79097	27.91274	26.07231	13.74227	6.81877
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0

STATION = 01539000 FISHING CREEK NEAR BLOOMSBURG, PA
AVERAGE FLOW (INCH/MONTH) 1.96862
DRAINAGE AREA (SQ MI) 274.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.04490	0.04242	0.03623	0.03005	0.02292	0.02215	0.01565	0.00000
	1.0	1.0	1.0	1.0	0.5	0.5	0.5	0.0
10	0.22415	0.20558	0.18021	0.14927	0.12266	0.11827	0.09567	0.04800
	2.0	2.0	2.0	2.0	2.0	1.0	1.0	0.5
20	0.86940	0.79885	0.78275	0.67631	0.62049	0.58427	0.44410	0.27565
	4.0	4.0	4.0	4.0	3.0	3.0	3.0	2.0
30	1.75388	1.58833	1.57019	1.46375	1.38329	1.34493	1.12957	0.71721
	5.0	5.0	4.0	4.0	4.0	4.0	4.0	3.0
40	2.76345	2.61930	2.55246	2.37306	2.28641	2.21989	1.94139	1.39840
	7.0	6.0	6.0	5.0	5.0	5.0	5.0	4.0
50	4.14148	3.80141	3.73363	3.52383	3.43287	3.23607	2.92570	2.24805
	7.0	7.0	6.0	6.0	6.0	6.0	5.0	5.0
55	5.11720	4.49043	4.32422	4.11442	4.02346	3.82666	3.44792	2.74021
	18.0	7.0	6.0	6.0	6.0	6.0	6.0	5.0
60	6.88896	5.17944	4.99748	4.75706	4.61404	4.41724	4.03850	3.23236
	18.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
65	8.66071	6.69773	5.68650	5.44608	5.20463	5.07568	4.62909	3.74163
	18.0	18.0	7.0	7.0	6.0	6.0	6.0	6.0
70	11.27598	8.91958	7.24083	6.13510	5.87301	5.76470	5.30984	4.33221
	54.0	54.0	18.0	7.0	7.0	7.0	7.0	6.0
75	16.59125	14.23485	9.81038	7.84480	6.88856	6.45372	5.99886	4.92280
	54.0	54.0	42.0	30.0	18.0	7.0	7.0	6.0
80	21.90652	19.55012	14.24979	12.38408	9.72011	7.60403	6.68787	5.51339
	54.0	54.0	54.0	54.0	54.0	36.0	7.0	6.0
85	27.66338	24.86540	19.92235	18.28994	15.62597	11.68777	7.37689	6.10397
	60.0	54.0	54.0	54.0	54.0	54.0	7.0	6.0
90	33.56924	30.18067	25.82821	24.19580	21.53183	17.00304	9.61683	6.72947
	60.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
95	39.47510	35.49595	31.73407	30.10166	27.43769	22.31832	12.56976	7.41848
	60.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
100	45.38096	40.81122	37.63993	36.00752	33.34355	27.63359	15.52269	8.10750
	60.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0

STATION = 01539500 LITTLE FISHING CREEK AT EYERS GROVE, PA
AVERAGE FLOW (INCH/MONTH) 1.70630
DRAINAGE AREA (SQ MI) 56.5

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00605	0.00605	0.00523	0.00523	0.00440	0.00276	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0
5	0.10460	0.08149	0.07489	0.06386	0.06056	0.05561	0.04570	0.02533
	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.5
10	0.32372	0.30391	0.27914	0.22963	0.21581	0.20591	0.15968	0.09966
	3.0	3.0	3.0	3.0	2.0	2.0	2.0	1.0
20	1.02126	0.95525	0.88964	0.84343	0.79060	0.74439	0.58305	0.38870
	5.0	5.0	4.0	4.0	4.0	4.0	3.0	2.0
30	1.91257	1.80840	1.69285	1.61031	1.47826	1.42691	1.20901	0.86219
	6.0	5.0	5.0	5.0	5.0	4.0	4.0	3.0
40	2.93635	2.77868	2.63923	2.52037	2.37181	2.26287	2.05079	1.50858
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	4.0
50	4.08863	3.97309	3.77665	3.61489	3.46467	3.30291	2.97963	2.35097
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
55	4.68584	4.57030	4.37386	4.21210	4.06188	3.90012	3.49152	2.77755
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
60	5.32369	5.16750	4.97106	4.80930	4.65908	4.49732	4.00341	3.20412
	18.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
65	7.17134	6.23930	5.61102	5.45256	5.25629	5.09453	4.58612	3.71307
	27.0	18.0	8.0	8.0	7.0	7.0	7.0	6.0
70	9.47484	8.43164	6.86364	6.13508	5.85349	5.69173	5.18332	4.22496
	27.0	27.0	18.0	8.0	7.0	7.0	7.0	6.0
75	13.38590	10.73514	8.39931	7.33500	6.60130	6.28893	5.78052	4.79837
	54.0	27.0	18.0	18.0	18.0	7.0	7.0	7.0
80	17.99291	13.15452	11.51447	8.87067	8.13697	6.97806	6.37773	5.39558
	54.0	54.0	42.0	18.0	18.0	18.0	7.0	7.0
85	22.59992	17.76153	15.67752	13.31940	9.67264	8.51373	6.97494	5.99279
	54.0	54.0	54.0	54.0	18.0	18.0	7.0	7.0
90	27.20693	22.36854	20.30352	17.92641	14.14893	11.03504	7.65026	6.58999
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	7.0
95	31.81394	26.99587	25.42242	22.53342	18.75594	16.15394	8.51124	7.18719
	54.0	54.0	54.0	54.0	54.0	54.0	21.0	7.0
100	36.42095	32.11477	30.54132	27.14043	23.36295	21.27284	10.30285	7.78440
	54.0	54.0	54.0	54.0	54.0	54.0	21.0	7.0

STATION = 01540500 SUSQUEHANNA RIVER AT DANVILLE, PA
AVERAGE FLOW (INCH/MONTH) 1.52153
DRAINAGE AREA (SQ MI) 11220.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.01035	0.00839	0.00556	0.00352	0.00118	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.5	0.0	0.0	0.0
10	0.10610	0.08577	0.06973	0.06587	0.06041	0.05700	0.04153	0.02190
	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.5
20	0.62375	0.55245	0.51969	0.46996	0.41600	0.40020	0.31634	0.18798
	4.0	4.0	4.0	4.0	3.0	3.0	3.0	2.0
30	1.32710	1.20500	1.12831	1.08537	1.03213	0.99497	0.86813	0.57193
	5.0	5.0	4.0	4.0	4.0	4.0	4.0	3.0
40	2.21280	2.11423	2.01588	1.93588	1.82734	1.78064	1.57406	1.17314
	7.0	7.0	6.0	6.0	6.0	6.0	5.0	4.0
50	3.27788	3.17931	2.99144	2.90273	2.74026	2.69356	2.37008	1.89042
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
55	3.81041	3.71184	3.52397	3.43526	3.21290	3.15002	2.82654	2.27081
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
60	4.69036	4.24438	4.05651	3.96780	3.74544	3.66538	3.31821	2.67894
	18.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
65	6.05974	5.00618	4.58904	4.50033	4.27797	4.19791	3.85074	3.13540
	18.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
70	8.24811	7.25672	5.76803	5.26343	4.81051	4.73045	4.38328	3.59186
	30.0	30.0	18.0	18.0	7.0	7.0	7.0	6.0
75	11.95976	10.53021	7.60792	6.63281	5.43807	5.26298	4.91581	4.09929
	54.0	54.0	42.0	18.0	18.0	7.0	7.0	7.0
80	16.17541	14.63834	11.26630	9.10281	7.48727	6.26716	5.44835	4.63183
	60.0	54.0	54.0	42.0	42.0	18.0	7.0	7.0
85	20.74000	18.74647	15.53378	13.23688	12.05186	9.40174	5.98088	5.16436
	60.0	54.0	54.0	54.0	54.0	42.0	7.0	7.0
90	25.30459	22.85460	20.09837	17.80147	16.61645	13.71802	7.19134	5.69690
	60.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
95	29.86918	26.96273	24.66296	22.36606	21.18104	18.28261	9.47363	6.22943
	60.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
100	34.43377	31.07086	29.22755	26.93065	25.74563	22.84720	11.75593	6.76197
	60.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0

STATION = 01541000 WEST BRANCH SUSQUEHANNA RIVER AT BOWER, PA
AVERAGE FLOW (INCH/MONTH) 2.00405
DRAINAGE AREA (SQ MI) 315.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.03307	0.03056	0.02527	0.02193	0.02044	0.02002	0.01597	0.00065
	1.0	1.0	1.0	1.0	0.5	0.5	0.5	0.5
10	0.21014	0.16516	0.14845	0.13507	0.12672	0.10987	0.09427	0.05075
	3.0	2.0	2.0	2.0	2.0	1.0	1.0	0.5
20	1.03331	0.89822	0.83695	0.72416	0.65843	0.60578	0.47960	0.28631
	5.0	5.0	5.0	4.0	3.0	3.0	3.0	2.0
30	2.07640	1.90024	1.83897	1.70204	1.58828	1.49635	1.22940	0.79586
	6.0	5.0	5.0	5.0	5.0	5.0	4.0	3.0
40	3.33005	3.08664	3.02982	2.90447	2.63206	2.49838	2.19752	1.59311
	7.0	6.0	6.0	6.0	6.0	5.0	5.0	5.0
50	4.73289	4.42483	4.30198	4.10690	3.93346	3.81063	3.39995	2.59514
	7.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0
55	5.43430	5.12624	5.00339	4.79672	4.63487	4.51204	4.00117	3.09615
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
60	6.13572	5.82766	5.70481	5.49814	5.33629	5.21346	4.67920	3.61801
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
65	7.64855	6.52908	6.40623	6.23173	6.03771	5.91488	5.38062	4.21922
	18.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
70	9.45219	8.22455	7.28984	7.03335	6.79715	6.61630	6.08204	4.82044
	18.0	18.0	18.0	8.0	8.0	7.0	7.0	6.0
75	11.25584	10.02820	9.09349	8.66033	7.59877	7.37148	6.78345	5.42166
	18.0	18.0	18.0	18.0	8.0	8.0	7.0	6.0
80	15.57360	12.99862	10.89713	10.46397	8.45468	8.17310	7.48487	6.02446
	54.0	42.0	18.0	18.0	18.0	8.0	7.0	7.0
85	21.22251	17.20712	16.07818	12.26762	10.25833	8.97472	8.26609	6.72588
	60.0	42.0	42.0	18.0	18.0	8.0	8.0	7.0
90	27.23466	22.53451	21.48911	15.65496	12.21821	10.43125	9.06771	7.42730
	60.0	54.0	54.0	54.0	54.0	30.0	8.0	7.0
95	33.24681	28.11242	26.90005	21.06589	18.23036	15.78504	9.86933	8.12871
	60.0	60.0	54.0	54.0	54.0	54.0	8.0	7.0
100	39.25896	34.12457	32.31098	26.95953	24.24251	21.79719	11.08335	8.83013
	60.0	60.0	54.0	54.0	54.0	54.0	30.0	7.0

STATION = 01541200 WEST BRANCH SUSQUEHANNA RIVER NEAR CURWENSVILLE. PA
AVERAGE FLOW (INCH/MONTH) 2.03980
DRAINAGE AREA (SQ MI) 367.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.02209	0.01656	0.01405	0.01193	0.00779	0.00528	0.00000	0.00000
	1.0	0.5	0.5	0.5	0.5	0.5	0.0	0.0
10	0.12408	0.10679	0.09778	0.08976	0.08124	0.07048	0.05002	0.03011
	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5
20	0.65099	0.60590	0.52676	0.50477	0.45518	0.41761	0.34854	0.19556
	4.0	4.0	4.0	3.0	3.0	3.0	2.0	1.0
30	1.62825	1.53933	1.43288	1.28557	1.18238	1.12527	0.95094	0.56367
	5.0	5.0	5.0	4.0	4.0	4.0	4.0	3.0
40	2.79907	2.62323	2.45278	2.27307	2.16850	2.04952	1.79028	1.22884
	6.0	6.0	5.0	5.0	5.0	5.0	5.0	4.0
50	4.20952	3.91146	3.64671	3.49695	3.34164	3.21593	2.81018	2.04476
	7.0	7.0	7.0	6.0	6.0	6.0	5.0	4.0
55	4.92345	4.62539	4.36064	4.17479	4.05557	3.82787	3.33944	2.52488
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
60	5.63738	5.33932	5.07457	4.88872	4.76950	4.48721	3.95138	3.04818
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
65	6.35131	6.05325	5.78850	5.60265	5.48343	5.20114	4.66288	3.66012
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
70	7.37377	6.76718	6.50243	6.31658	6.19736	5.91507	5.37681	4.27206
	18.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
75	9.75866	8.05967	7.21636	7.03051	6.91129	6.62900	6.09074	4.88400
	42.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
80	14.04224	11.16787	8.96067	8.56580	7.62522	7.34293	6.80467	5.50898
	42.0	42.0	18.0	18.0	7.0	7.0	7.0	7.0
85	18.94958	15.45145	12.99137	10.40162	8.33915	8.05686	7.51860	6.22291
	54.0	42.0	42.0	18.0	7.0	7.0	7.0	7.0
90	24.45704	20.43787	18.56659	15.42495	12.03648	9.23613	8.23253	6.93684
	54.0	54.0	54.0	54.0	54.0	30.0	7.0	7.0
95	29.96450	26.55727	24.68599	21.04085	18.15588	14.45229	9.00422	7.65077
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	7.0
100	35.88764	32.67667	30.80539	27.16025	24.27528	19.95975	11.00568	8.36470
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	7.0

STATION = 01542000 MOSHANNON CREEK AT OSCEOLA MILLS, PA
AVERAGE FLOW (INCH/MONTH) 1.81926
DRAINAGE AREA (SQ MI) 68.8

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00693	0.00326	0.00143	0.00000	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0
10	0.08729	0.07791	0.07668	0.07302	0.06690	0.06323	0.04365	0.02243
	2.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5
20	0.62611	0.53721	0.51151	0.47846	0.43073	0.39769	0.30591	0.17172
	5.0	3.0	3.0	3.0	3.0	3.0	3.0	1.0
30	1.53574	1.46842	1.40967	1.29953	1.18697	1.11354	0.91531	0.61672
	5.0	5.0	5.0	5.0	5.0	5.0	4.0	3.0
40	2.63542	2.55997	2.50122	2.39108	2.24424	2.11207	1.75395	1.31995
	7.0	6.0	6.0	6.0	6.0	6.0	5.0	4.0
50	3.90890	3.76327	3.66048	3.48264	3.33580	3.20363	2.71903	2.12513
	7.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0
55	4.54564	4.40001	4.29722	4.02842	3.88158	3.74941	3.26481	2.57995
	7.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0
60	5.41573	5.03675	4.93396	4.61701	4.42736	4.29519	3.81059	3.09102
	18.0	7.0	7.0	7.0	6.0	6.0	6.0	6.0
65	7.05306	6.05789	5.57070	5.25375	4.97962	4.84096	4.37143	3.63679
	18.0	18.0	7.0	7.0	7.0	6.0	6.0	6.0
70	10.03985	7.69523	6.90723	5.89049	5.61636	5.47074	5.00817	4.18257
	42.0	18.0	18.0	7.0	7.0	7.0	7.0	6.0
75	13.90722	11.39821	8.54456	7.50763	6.25311	6.10749	5.64492	4.72835
	54.0	42.0	18.0	18.0	7.0	7.0	7.0	6.0
80	18.81922	15.27709	10.81287	9.48584	7.57006	6.74423	6.28166	5.27413
	54.0	54.0	30.0	30.0	30.0	7.0	7.0	6.0
85	23.73122	20.18909	14.87248	12.21473	10.29895	8.37812	6.91840	5.81991
	54.0	54.0	48.0	30.0	30.0	30.0	7.0	6.0
90	28.64323	25.10110	20.32976	16.46213	13.10750	11.10701	7.55514	6.36568
	54.0	54.0	54.0	48.0	48.0	30.0	7.0	6.0
95	33.55523	30.07653	25.78754	20.82836	18.01950	14.44718	8.19188	6.95833
	54.0	54.0	54.0	48.0	48.0	48.0	7.0	7.0
100	38.46723	35.53431	31.24532	25.76819	22.93150	18.81340	9.63468	7.59507
	54.0	54.0	54.0	54.0	54.0	48.0	27.0	7.0

STATION = 01542500 WEST BRANCH SUSQUEHANNA RIVER AT KARTHAUS, PA
AVERAGE FLOW (INCH/MONTH) 1.93530
DRAINAGE AREA (SQ MI) 1462.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00825	0.00704	0.00563	0.00280	0.00038	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.5	0.0	0.0	0.0
10	0.12016	0.09058	0.08304	0.07718	0.06830	0.06321	0.04279	0.02590
	2.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5
20	0.63347	0.57902	0.53922	0.52180	0.48601	0.44602	0.33664	0.18816
	4.0	3.0	3.0	3.0	3.0	3.0	2.0	1.0
30	1.51709	1.37706	1.31709	1.21979	1.16518	1.11414	1.00264	0.61171
	5.0	5.0	5.0	4.0	4.0	4.0	4.0	3.0
40	2.48474	2.34471	2.28474	2.15015	2.03436	1.98077	1.77676	1.26974
	5.0	5.0	5.0	5.0	5.0	5.0	4.0	4.0
50	3.62320	3.44894	3.34253	3.24990	3.06733	2.94842	2.73345	2.04386
	7.0	6.0	6.0	6.0	6.0	5.0	5.0	4.0
55	4.30056	4.02953	3.92312	3.83049	3.64792	3.49329	3.21728	2.50601
	7.0	6.0	6.0	6.0	6.0	6.0	5.0	5.0
60	4.97791	4.61012	4.50371	4.41108	4.22851	4.07388	3.71983	2.98983
	7.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
65	5.73480	5.27438	5.13461	5.04530	4.80910	4.74701	4.30042	3.47366
	18.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
70	7.47657	5.95173	5.81196	5.72265	5.48420	5.42436	4.88101	4.02940
	18.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
75	9.21834	7.93283	7.24324	6.40000	6.16155	6.10171	5.50200	4.60999
	18.0	18.0	18.0	7.0	7.0	7.0	7.0	6.0
80	14.16678	11.83056	8.98501	8.05646	7.03837	6.77907	6.17936	5.19058
	54.0	54.0	18.0	18.0	18.0	7.0	7.0	6.0
85	19.39209	17.05587	13.04450	11.06951	9.50936	8.16640	6.85672	5.83996
	54.0	54.0	54.0	54.0	30.0	30.0	7.0	7.0
90	24.61740	22.28118	18.26981	16.29482	13.13357	11.06935	7.53407	6.51731
	54.0	54.0	54.0	54.0	54.0	30.0	7.0	7.0
95	29.84271	27.50649	23.84645	21.52013	18.93947	16.66151	8.91780	7.19467
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
100	35.06802	32.73180	29.65235	27.18219	24.74537	22.46741	11.82075	7.87202
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0

STATION = 01543000 DRIFTWOOD BRANCH SINNEMAHONING CREEK AT STERLING RUN, PA
AVERAGE FLOW (INCH/MONTH) 1.89134
DRAINAGE AREA (SQ MI) 272.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00530	0.00421	0.00360	0.00236	0.00112	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.5	0.0	0.0	0.0
5	0.09379	0.08167	0.07549	0.06931	0.06030	0.05782	0.04732	0.02690
	3.0	2.0	2.0	2.0	1.0	1.0	1.0	0.5
10	0.39464	0.36499	0.32655	0.29042	0.27095	0.23761	0.18682	0.11688
	4.0	4.0	3.0	3.0	3.0	3.0	2.0	1.0
20	1.43957	1.30617	1.19038	1.10608	0.98812	0.95353	0.83250	0.56600
	6.0	6.0	5.0	5.0	4.0	4.0	4.0	3.0
30	2.57437	2.44097	2.31870	2.24088	2.07598	1.97964	1.71609	1.27529
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	4.0
40	3.86480	3.66379	3.56651	3.44979	3.25525	3.11445	2.72723	2.13682
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
50	5.82023	4.98773	4.89045	4.77373	4.57919	4.41924	3.91775	3.08249
	18.0	7.0	7.0	7.0	7.0	7.0	7.0	5.0
55	7.52244	5.64970	5.55242	5.43570	5.24116	5.08121	4.57972	3.55532
	18.0	7.0	7.0	7.0	7.0	7.0	7.0	5.0
60	9.22464	7.09652	6.21439	6.09767	5.90313	5.74318	5.24169	4.07786
	18.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
65	10.92685	8.79873	6.87636	6.75964	6.56510	6.40515	5.90366	4.64527
	18.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
70	12.62905	10.50093	8.17593	7.42161	7.22707	7.06712	6.56563	5.21267
	18.0	18.0	18.0	7.0	7.0	7.0	7.0	6.0
75	14.46688	12.20314	9.87814	8.91216	7.88904	7.72909	7.22760	5.78007
	27.0	18.0	18.0	18.0	7.0	7.0	7.0	6.0
80	18.23433	14.04765	11.71512	10.61437	8.85980	8.39105	7.88956	6.36135
	54.0	27.0	27.0	18.0	18.0	7.0	7.0	7.0
85	23.34095	18.69827	15.68694	13.28787	10.56200	9.05678	8.55153	7.02332
	54.0	54.0	42.0	42.0	18.0	8.0	7.0	7.0
90	28.44756	23.80488	20.37331	17.80297	14.19146	10.94583	9.21350	7.68529
	54.0	54.0	54.0	54.0	54.0	48.0	7.0	7.0
95	33.64729	28.91150	26.04733	22.90959	19.29808	15.48504	9.87547	8.34726
	60.0	54.0	54.0	54.0	54.0	48.0	7.0	7.0
100	39.32131	34.01812	31.72135	28.48755	24.40470	20.71307	10.60335	9.00923
	60.0	54.0	54.0	54.0	54.0	54.0	24.0	7.0

STATION = 01543500 SINNEMAHONING CREEK AT SINNEMAHONING, PA
AVERAGE FLOW (INCH/MONTH) 1.87288
DRAINAGE AREA (SQ MI) 685.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00310	0.00160	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
5	0.06856	0.06232	0.05947	0.05579	0.05076	0.04667	0.03496	0.01973
	2.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5
10	0.31674	0.29800	0.25552	0.23346	0.20303	0.19323	0.14721	0.09266
	4.0	3.0	3.0	3.0	2.0	2.0	2.0	1.0
20	1.06589	0.99182	0.95588	0.91122	0.88289	0.81155	0.65962	0.43426
	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0
30	2.06168	1.88894	1.82495	1.76368	1.66837	1.61187	1.40878	1.03735
	6.0	5.0	5.0	5.0	5.0	5.0	4.0	4.0
40	3.18541	2.96240	2.80964	2.70916	2.60481	2.54831	2.30392	1.78650
	6.0	6.0	6.0	6.0	5.0	5.0	5.0	4.0
50	4.30914	4.08613	3.93337	3.83289	3.64173	3.52819	3.24036	2.66241
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	5.0
55	4.94994	4.66689	4.49523	4.39475	4.20359	4.09005	3.75347	3.13063
	7.0	7.0	6.0	6.0	6.0	6.0	6.0	5.0
60	5.69941	5.32240	5.12130	4.96309	4.82014	4.65192	4.31534	3.59885
	18.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
65	7.38501	5.97790	5.77680	5.61859	5.47564	5.21378	4.87720	4.06707
	18.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
70	9.07060	7.02140	6.44515	6.27410	6.13115	5.86525	5.43907	4.57643
	18.0	18.0	18.0	7.0	7.0	7.0	6.0	6.0
75	11.50334	9.08745	8.13074	6.92961	6.78666	6.52076	6.00093	5.13829
	54.0	30.0	18.0	7.0	7.0	7.0	6.0	6.0
80	16.56012	11.89677	9.81633	8.08912	7.49599	7.17627	6.65018	5.70015
	54.0	30.0	18.0	18.0	18.0	7.0	7.0	6.0
85	21.61689	16.27259	11.79169	10.30703	9.18158	7.83178	7.30569	6.26202
	54.0	54.0	30.0	30.0	18.0	7.0	7.0	6.0
90	26.67367	21.32937	16.04872	14.19192	12.25274	10.20936	7.96119	6.82388
	54.0	54.0	54.0	54.0	42.0	42.0	7.0	6.0
95	31.73044	26.38614	21.10549	19.24869	16.66858	14.14241	8.61670	7.44540
	54.0	54.0	54.0	54.0	54.0	42.0	7.0	7.0
100	36.78722	31.44292	26.62241	24.70112	22.28722	18.07546	10.44677	8.10091
	54.0	54.0	54.0	54.0	54.0	42.0	30.0	7.0

STATION = 01544500 KETTLE CREEK AT CROSS FORK, PA
AVERAGE FLOW (INCH/MONTH) 1.86764
DRAINAGE AREA(SQ MI) 136.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.05772	0.05154	0.04675	0.04126	0.03715	0.03372	0.02343	0.01172
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5
10	0.26198	0.23935	0.22495	0.20072	0.18175	0.16506	0.13351	0.07430
	3.0	3.0	3.0	2.0	2.0	2.0	2.0	1.0
20	1.10302	1.05159	0.94002	0.87418	0.82481	0.76721	0.64926	0.41288
	5.0	5.0	4.0	4.0	4.0	4.0	4.0	3.0
30	2.10680	2.04098	1.88051	1.78999	1.68024	1.62881	1.44366	1.08361
	6.0	6.0	6.0	6.0	5.0	5.0	5.0	4.0
40	3.23245	3.16157	3.00110	2.91058	2.79126	2.65959	2.37748	1.83066
	7.0	6.0	6.0	6.0	6.0	6.0	5.0	4.0
50	4.53980	4.44860	4.29499	4.07418	3.91184	3.78017	3.44278	2.73183
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
55	5.45795	5.10227	4.94866	4.72785	4.55024	4.39663	4.00307	3.19874
	18.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
60	7.13882	5.75595	5.60234	5.38153	5.20392	5.05031	4.56336	3.66565
	18.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
65	8.81970	6.40962	6.25601	6.03520	5.85759	5.70398	5.12366	4.13256
	18.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
70	10.50057	7.78549	6.90969	6.68888	6.51127	6.35766	5.69521	4.63474
	18.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
75	12.18145	9.55095	8.33422	7.34255	7.16494	7.01133	6.34888	5.19503
	18.0	18.0	18.0	7.0	7.0	7.0	7.0	6.0
80	16.39457	12.77260	10.32773	8.17260	7.81861	7.66500	7.00255	5.75532
	54.0	54.0	54.0	18.0	7.0	7.0	7.0	6.0
85	21.43720	17.81523	15.37036	11.70080	9.13691	8.31868	7.65623	6.35535
	54.0	54.0	54.0	42.0	18.0	7.0	7.0	7.0
90	26.47982	22.85785	20.41298	15.62284	12.68048	10.34649	8.30990	7.00902
	54.0	54.0	54.0	42.0	42.0	42.0	7.0	7.0
95	31.52245	27.90048	25.45561	19.54489	17.42223	14.69751	8.96358	7.66270
	54.0	54.0	54.0	42.0	42.0	42.0	7.0	7.0
100	36.59979	33.13101	30.49824	24.89172	22.46486	20.30043	10.48437	8.31637
	60.0	60.0	54.0	54.0	54.0	54.0	30.0	7.0

STATION = 01545600 YOUNG WOMANS CREEK NEAR RENOVO, PA
AVERAGE FLOW (INCH/MONTH) 1.78150
DRAINAGE AREA (SQ MI) 46.2

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.07507	0.06648	0.06075	0.04930	0.04470	0.04327	0.03181	0.01448
	2.0	2.0	2.0	2.0	1.0	1.0	1.0	0.5
10	0.32400	0.31110	0.29392	0.25527	0.23380	0.20803	0.15873	0.08796
	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.0
20	1.03005	0.98997	0.97279	0.93270	0.89834	0.82962	0.69217	0.47188
	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0
30	1.91346	1.87766	1.82755	1.70586	1.62712	1.56985	1.40477	1.09553
	5.0	5.0	5.0	5.0	5.0	5.0	4.0	4.0
40	3.00388	2.83245	2.75515	2.59661	2.51787	2.46060	2.23153	1.80813
	7.0	6.0	6.0	5.0	5.0	5.0	5.0	4.0
50	4.25093	4.04047	3.86008	3.61788	3.49763	3.43749	3.12228	2.57824
	7.0	7.0	7.0	6.0	6.0	6.0	5.0	5.0
55	4.87445	4.66399	4.48360	4.21301	4.03208	3.97194	3.56765	3.02362
	7.0	7.0	7.0	7.0	6.0	6.0	5.0	5.0
60	5.80526	5.28752	5.10713	4.83654	4.56653	4.50639	4.09406	3.46899
	27.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
65	8.21028	5.91938	5.73065	5.49560	5.10098	5.04084	4.62851	3.91436
	27.0	8.0	7.0	7.0	6.0	6.0	6.0	5.0
70	10.61531	6.92142	6.38000	6.20820	5.71279	5.57529	5.16296	4.35974
	27.0	27.0	8.0	8.0	7.0	6.0	6.0	5.0
75	13.02034	9.32645	8.18642	6.92080	6.33631	6.10974	5.69741	4.80512
	27.0	27.0	27.0	8.0	7.0	6.0	6.0	5.0
80	16.81901	12.43525	10.59145	8.11197	7.07924	6.76293	6.23186	5.25049
	54.0	54.0	27.0	27.0	10.0	8.0	6.0	5.0
85	21.62906	17.24530	14.70852	10.51699	9.04546	7.55480	6.84175	5.70114
	54.0	54.0	54.0	27.0	27.0	10.0	7.0	6.0
90	26.43911	22.05535	19.51857	15.25309	12.05475	10.37686	7.46527	6.23559
	54.0	54.0	54.0	54.0	54.0	42.0	7.0	6.0
95	31.24916	26.86540	24.32862	20.15628	17.39925	14.49730	8.08880	6.77004
	54.0	54.0	54.0	54.0	54.0	54.0	7.0	6.0
100	36.05921	31.67545	29.13867	25.50078	22.74375	19.30735	9.60478	7.30449
	54.0	54.0	54.0	54.0	54.0	54.0	27.0	6.0

STATION = 01546000 NORTH BALD EAGLE CREEK AT MILESBURG, PA
AVERAGE FLOW (INCH/MONTH) 1.99346
DRAINAGE AREA (SQ MI) 119.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00213	0.00095	0.00018	0.00000	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0
5	0.08806	0.07552	0.06441	0.06126	0.05656	0.05108	0.03932	0.02359
	2.0	2.0	1.0	1.0	1.0	1.0	1.0	0.5
10	0.35352	0.29004	0.26075	0.24664	0.22471	0.21374	0.15417	0.10295
	3.0	3.0	2.0	2.0	2.0	2.0	2.0	1.0
20	1.22150	1.10001	1.04930	0.97719	0.93018	0.87688	0.67413	0.42119
	5.0	5.0	4.0	4.0	4.0	4.0	3.0	2.0
30	2.37502	2.21985	2.01764	1.92360	1.75191	1.69704	1.42033	1.00412
	6.0	6.0	6.0	6.0	5.0	5.0	4.0	3.0
40	3.63963	3.43664	3.23914	3.11967	2.89395	2.70116	2.36069	1.75376
	7.0	7.0	7.0	6.0	6.0	6.0	5.0	4.0
50	5.03505	4.83206	4.63456	4.38220	4.15178	3.92686	3.53986	2.68733
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
55	5.76799	5.60497	5.33227	5.07991	4.84949	4.62457	4.14727	3.23035
	8.0	8.0	7.0	7.0	7.0	7.0	7.0	6.0
60	8.00183	6.40236	6.05753	5.86316	5.54720	5.32228	4.84498	3.82839
	30.0	8.0	8.0	8.0	7.0	7.0	7.0	6.0
65	10.99202	7.84316	7.26737	6.66054	6.24491	6.01999	5.54269	4.42642
	30.0	18.0	18.0	8.0	7.0	7.0	7.0	6.0
70	13.98221	10.65601	9.06149	7.49901	7.01904	6.76825	6.24040	5.02446
	30.0	30.0	18.0	18.0	8.0	8.0	7.0	6.0
75	17.91074	15.10098	13.43248	9.29312	8.67657	7.79085	6.93812	5.62250
	54.0	54.0	54.0	18.0	18.0	18.0	7.0	6.0
80	23.29308	20.48332	18.81482	14.13742	10.60441	9.58496	7.64826	6.29723
	54.0	54.0	54.0	54.0	48.0	18.0	8.0	7.0
85	28.67542	25.86566	24.19716	19.51976	15.74864	13.28554	8.45859	6.99494
	54.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0
90	34.05777	31.24801	29.57951	24.90211	21.68431	18.66789	10.25270	7.69265
	54.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0
95	39.57061	36.63035	34.96185	30.81254	27.66469	24.05023	12.99562	8.39145
	60.0	54.0	54.0	54.0	54.0	54.0	30.0	8.0
100	45.55099	42.53503	40.34419	36.79292	33.64507	29.43257	15.98581	9.18883
	60.0	60.0	54.0	54.0	54.0	54.0	30.0	8.0

STATION = 01546500 SPRING CREEK NEAR AXEMANN, PA
AVERAGE FLOW (INCH/MONTH) 1.18960
DRAINAGE AREA (SQ MI) 87.2

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.04799	0.04704	0.04704	0.04516	0.04232	0.04043	0.03004	0.02447
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5
30	0.26839	0.23752	0.22618	0.20540	0.17515	0.15939	0.14900	0.08395
	3.0	2.0	2.0	2.0	2.0	1.0	1.0	0.5
40	0.81535	0.73462	0.63581	0.57669	0.53133	0.50110	0.36731	0.20330
	5.0	5.0	5.0	4.0	4.0	4.0	3.0	2.0
50	1.53104	1.44838	1.34066	1.19892	1.09687	1.02316	0.86209	0.54226
	7.0	6.0	6.0	6.0	6.0	6.0	5.0	4.0
55	1.94740	1.82833	1.69754	1.55580	1.45375	1.38004	1.15949	0.78018
	7.0	7.0	6.0	6.0	6.0	6.0	5.0	4.0
60	2.36376	2.24469	2.05442	1.92719	1.82137	1.73692	1.47612	1.06002
	7.0	7.0	6.0	6.0	6.0	6.0	6.0	5.0
65	2.78012	2.66105	2.43616	2.34355	2.23773	2.09380	1.83300	1.35742
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
70	3.19648	3.07860	2.85252	2.75991	2.65409	2.48211	2.18988	1.70230
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
75	4.29317	3.95943	3.30497	3.17627	3.07045	2.89847	2.59421	2.05918
	54.0	18.0	8.0	7.0	7.0	7.0	7.0	6.0
80	7.50509	5.03007	4.16142	3.68001	3.48681	3.31483	3.01057	2.41606
	54.0	18.0	18.0	18.0	7.0	7.0	7.0	6.0
85	10.71701	7.58598	6.43586	4.98111	4.11350	3.75018	3.42693	2.77294
	54.0	48.0	48.0	42.0	18.0	8.0	7.0	6.0
90	13.92893	10.56334	10.00466	7.75854	6.63696	4.93504	3.84329	3.12982
	54.0	54.0	54.0	54.0	54.0	30.0	7.0	6.0
95	17.41110	14.13214	13.57346	11.32734	10.20576	7.61436	4.67102	3.49898
	60.0	60.0	60.0	60.0	60.0	48.0	27.0	7.0
100	20.97990	17.70094	17.14226	14.89614	13.77456	10.46940	6.27698	3.91534
	60.0	60.0	60.0	60.0	60.0	48.0	27.0	7.0

STATION = 01547200 BALD EAGLE CREEK BELOW SPRING CREEK AT MILESBURG, PA
AVERAGE FLOW (INCH/MONTH) 1.71203
DRAINAGE AREA (SQ MI) 265.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.15647	0.12815	0.11813	0.11813	0.11813	0.11813	0.11639	0.04963
	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0
30	0.84979	0.80064	0.68677	0.59889	0.53416	0.48445	0.36160	0.22083
	5.0	5.0	4.0	4.0	4.0	4.0	3.0	1.0
40	1.80937	1.68972	1.53382	1.40531	1.30694	1.21879	1.00057	0.65363
	6.0	6.0	5.0	5.0	5.0	5.0	5.0	4.0
50	2.85010	2.71694	2.55739	2.43253	2.30594	2.18802	1.87586	1.33844
	7.0	6.0	6.0	6.0	6.0	6.0	6.0	4.0
55	3.45187	3.23055	3.13976	2.98397	2.81955	2.70163	2.38947	1.73833
	8.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
60	4.87597	3.81585	3.73897	3.58318	3.38491	3.25947	2.90308	2.20942
	18.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
65	6.41680	4.91285	4.33818	4.18239	3.98412	3.85868	3.41669	2.72303
	18.0	18.0	7.0	7.0	7.0	7.0	6.0	6.0
70	7.95763	6.45368	5.04475	4.78160	4.58333	4.45789	3.98649	3.23664
	18.0	18.0	18.0	7.0	7.0	7.0	7.0	6.0
75	10.05568	8.45233	6.74038	6.11652	5.18254	5.05710	4.58570	3.75024
	36.0	36.0	21.0	21.0	7.0	7.0	7.0	6.0
80	14.04223	12.56120	8.53801	7.91415	6.69803	5.89874	5.18491	4.26385
	54.0	48.0	21.0	21.0	21.0	14.0	7.0	6.0
85	18.66471	16.67007	12.61764	9.76427	8.49567	7.26751	5.78412	4.77746
	54.0	48.0	48.0	42.0	21.0	16.0	7.0	6.0
90	23.28719	21.75892	17.75373	14.72661	12.20071	8.96734	6.41890	5.36971
	54.0	54.0	54.0	54.0	54.0	21.0	8.0	7.0
95	27.90967	26.89501	22.88982	19.86270	17.33680	13.33306	7.47117	5.96892
	54.0	54.0	54.0	54.0	54.0	54.0	14.0	7.0
100	32.53215	32.03110	28.02591	24.99879	22.47289	18.46915	9.72899	6.56813
	54.0	54.0	54.0	54.0	54.0	54.0	27.0	7.0

STATION = 01547700 MARSH CREEK AT BLANCHARD, PA
AVERAGE FLOW (INCH/MONTH) 1.49538
DRAINAGE AREA (SQ MI) 44.1

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00353	0.00254	0.00155	0.00000	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0
5	0.07849	0.05875	0.05108	0.04911	0.04714	0.04319	0.03134	0.01764
	2.0	2.0	1.0	1.0	1.0	1.0	1.0	0.5
10	0.26506	0.22953	0.21768	0.18855	0.17671	0.16093	0.12933	0.08046
	3.0	3.0	3.0	2.0	2.0	2.0	2.0	1.0
20	1.01286	0.87365	0.79470	0.73049	0.70682	0.66734	0.53312	0.34656
	6.0	5.0	5.0	4.0	4.0	4.0	4.0	3.0
30	1.91008	1.77250	1.63771	1.57849	1.43383	1.35488	1.13777	0.83128
	6.0	6.0	6.0	6.0	5.0	5.0	5.0	4.0
40	2.91597	2.81926	2.62583	2.47572	2.32176	2.15597	1.88546	1.42943
	7.0	7.0	7.0	6.0	6.0	6.0	5.0	4.0
50	3.96274	3.86603	3.67260	3.50680	3.29957	3.09232	2.78082	2.16933
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
55	4.48612	4.38941	4.19598	4.03018	3.82295	3.61570	3.22943	2.54317
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
60	5.14474	4.91280	4.71937	4.55357	4.34634	4.13909	3.71078	2.91702
	18.0	7.0	7.0	7.0	7.0	7.0	7.0	5.0
65	6.49059	5.43618	5.28117	5.07695	4.86972	4.66247	4.23416	3.29086
	18.0	7.0	7.0	7.0	7.0	7.0	7.0	5.0
70	9.56469	6.73098	6.16911	5.60033	5.39310	5.18585	4.75754	3.72264
	54.0	27.0	18.0	7.0	7.0	7.0	7.0	6.0
75	13.60222	8.74974	7.51495	6.68014	5.91649	5.75113	5.28093	4.17125
	54.0	27.0	18.0	18.0	7.0	7.0	7.0	6.0
80	17.63975	12.62925	10.12207	8.21253	6.91397	6.34928	5.80431	4.61986
	54.0	54.0	54.0	30.0	30.0	8.0	7.0	6.0
85	21.67727	16.66677	14.15959	10.71359	9.15704	7.17314	6.32769	5.06848
	54.0	54.0	54.0	54.0	30.0	30.0	7.0	6.0
90	25.71480	20.70430	18.19712	15.19973	11.40011	9.42692	6.85107	5.52473
	54.0	54.0	54.0	54.0	30.0	30.0	7.0	7.0
95	29.75232	24.74182	22.23464	19.68587	14.47649	12.56722	7.38583	6.04812
	54.0	54.0	54.0	54.0	48.0	42.0	8.0	7.0
100	33.78985	29.15005	26.41462	24.17201	18.32438	15.70752	8.48555	6.57150
	54.0	54.0	54.0	54.0	54.0	42.0	24.0	7.0

STATION = 01548500 PINE CREEK AT CEDAR RUN, PA
AVERAGE FLOW (INCH/MONTH) 1.55925
DRAINAGE AREA (SQ MI) 604.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00164	0.00113	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
5	0.11005	0.10514	0.09109	0.08008	0.07525	0.07088	0.05152	0.02740
	3.0	3.0	3.0	2.0	2.0	2.0	2.0	1.0
10	0.41774	0.38149	0.37556	0.36089	0.34592	0.32781	0.26154	0.15738
	6.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0
20	1.35329	1.28587	1.26481	1.22548	1.15432	1.10937	0.91472	0.72335
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	4.0
30	2.28884	2.22142	2.20036	2.16103	2.08987	2.04492	1.79679	1.42242
	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
40	3.36033	3.28004	3.22486	3.14730	3.03697	2.98047	2.73234	2.20204
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
50	4.57215	4.43419	4.31634	4.23878	4.12845	3.98534	3.66789	2.98167
	8.0	8.0	7.0	7.0	7.0	7.0	6.0	5.0
55	5.19585	5.05789	4.91120	4.78451	4.67418	4.53107	4.18150	3.43668
	8.0	8.0	8.0	7.0	7.0	7.0	7.0	6.0
60	5.81955	5.68159	5.53490	5.33025	5.21992	5.07681	4.72724	3.90445
	8.0	8.0	8.0	7.0	7.0	7.0	7.0	6.0
65	6.44325	6.30529	6.15860	5.88830	5.76566	5.62255	5.27298	4.37223
	8.0	8.0	8.0	8.0	7.0	7.0	7.0	6.0
70	7.06695	6.92899	6.78230	6.51200	6.31140	6.16829	5.81872	4.84000
	8.0	8.0	8.0	8.0	7.0	7.0	7.0	6.0
75	10.26848	7.55269	7.40600	7.13570	6.88913	6.71402	6.36445	5.30778
	54.0	8.0	8.0	8.0	8.0	7.0	7.0	6.0
80	14.47845	11.28769	8.93786	7.75940	7.51283	7.33616	6.91019	5.77555
	54.0	54.0	42.0	8.0	8.0	8.0	7.0	6.0
85	18.68843	15.49767	12.21229	9.18341	8.20412	7.95986	7.45593	6.25099
	54.0	54.0	42.0	30.0	30.0	8.0	7.0	7.0
90	22.89840	19.70764	15.56415	13.17928	10.54299	8.71043	8.07231	6.79673
	54.0	54.0	54.0	54.0	30.0	30.0	8.0	7.0
95	27.10838	23.91762	19.77413	17.85703	14.78836	12.91612	8.69601	7.34246
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	7.0
100	31.31835	28.12759	24.29926	22.53478	19.46611	17.59387	9.31971	7.88820
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	7.0

STATION = 01549000 PINE CREEK NEAR WATERVILLE, PA
AVERAGE FLOW (INCH/MONTH) 1.72546
DRAINAGE AREA (SQ MI) 750.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.04611	0.03479	0.02944	0.02422	0.02169	0.02019	0.01436	0.00000
	1.0	1.0	1.0	1.0	0.5	0.5	0.5	0.0
10	0.19794	0.17001	0.16005	0.14986	0.13220	0.11006	0.08837	0.04250
	3.0	2.0	2.0	2.0	2.0	2.0	1.0	0.5
20	0.90163	0.79442	0.71832	0.64422	0.57493	0.52942	0.41787	0.27162
	5.0	4.0	4.0	4.0	3.0	3.0	3.0	2.0
30	1.82252	1.67555	1.57109	1.45469	1.33846	1.25514	1.01805	0.67549
	6.0	6.0	6.0	6.0	5.0	5.0	4.0	3.0
40	2.85779	2.71082	2.60641	2.48996	2.36760	2.22286	1.85578	1.26654
	6.0	6.0	6.0	6.0	6.0	6.0	6.0	4.0
50	3.95697	3.91085	3.81423	3.58268	3.40288	3.25814	2.89106	2.11078
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
55	4.56088	4.51476	4.41814	4.18659	3.92807	3.81752	3.40870	2.54215
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
60	5.86502	5.11867	5.02205	4.79050	4.53198	4.42143	3.96705	2.97351
	18.0	7.0	7.0	7.0	7.0	7.0	7.0	5.0
65	7.41793	6.12556	5.62596	5.39441	5.13589	5.02534	4.57096	3.48298
	18.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
70	8.97085	7.67848	6.70325	6.00195	5.73980	5.62925	5.17487	4.00062
	18.0	18.0	18.0	18.0	7.0	7.0	7.0	6.0
75	12.00618	9.23139	8.25616	7.55486	6.47631	6.23317	5.77879	4.51826
	54.0	18.0	18.0	18.0	18.0	7.0	7.0	6.0
80	16.66492	13.54959	10.68400	9.10777	8.02922	7.23356	6.38270	5.06308
	54.0	54.0	54.0	18.0	18.0	18.0	7.0	7.0
85	21.32366	18.20833	15.34274	12.26100	9.58214	8.78648	6.98661	5.66699
	54.0	54.0	54.0	54.0	18.0	18.0	7.0	7.0
90	25.98241	22.86708	20.00149	16.91975	13.29726	10.33939	7.59052	6.27090
	54.0	54.0	54.0	54.0	54.0	18.0	7.0	7.0
95	30.64115	27.52582	24.66023	21.57849	17.95600	14.25072	8.82023	6.87481
	54.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0
100	35.79911	32.18456	29.31897	26.40419	22.61474	18.90946	10.37314	7.47872
	60.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0

STATION = 01549500 BLOCKHOUSE CREEK NEAR ENGLISH CENTER, PA
AVERAGE FLOW (INCH/MONTH) 1.73356
DRAINAGE AREA(SQ MI) 37.7

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00597	0.00530	0.00462	0.00394	0.00259	0.00192	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0
5	0.14254	0.12633	0.11418	0.09797	0.08962	0.08422	0.06262	0.03941
	3.0	3.0	3.0	3.0	2.0	2.0	2.0	1.0
10	0.50890	0.46163	0.42112	0.38550	0.36930	0.35309	0.28287	0.17655
	5.0	5.0	5.0	4.0	4.0	4.0	4.0	2.0
20	1.54780	1.48064	1.39962	1.35100	1.28617	1.20514	1.04481	0.79263
	7.0	6.0	6.0	6.0	6.0	6.0	5.0	4.0
30	2.76130	2.61950	2.55333	2.47770	2.32631	2.24528	2.00219	1.54695
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
40	4.11045	3.94839	3.79714	3.69119	3.44540	3.34141	3.04232	2.41373
	8.0	8.0	8.0	7.0	7.0	7.0	6.0	5.0
50	5.49730	5.33524	5.18399	4.90468	4.65889	4.55490	4.11058	3.33699
	8.0	8.0	8.0	7.0	7.0	7.0	7.0	6.0
55	6.19072	6.02866	5.87741	5.51143	5.26564	5.16165	4.71733	3.85706
	8.0	8.0	8.0	7.0	7.0	7.0	7.0	6.0
60	6.88415	6.72209	6.57084	6.17109	5.91179	5.76839	5.32407	4.37713
	8.0	8.0	8.0	8.0	8.0	7.0	7.0	6.0
65	7.57757	7.41551	7.26426	6.86451	6.60521	6.37514	5.93082	4.89719
	8.0	8.0	8.0	8.0	8.0	7.0	7.0	6.0
70	8.27100	8.10894	7.95769	7.55794	7.29864	6.98188	6.53756	5.41726
	8.0	8.0	8.0	8.0	8.0	7.0	7.0	6.0
75	9.55563	8.80236	8.65111	8.25136	7.99206	7.65714	7.14431	5.93733
	18.0	8.0	8.0	8.0	8.0	8.0	7.0	6.0
80	13.92994	11.72469	9.68881	8.94478	8.68548	8.35056	7.75106	6.45740
	54.0	54.0	30.0	8.0	8.0	8.0	7.0	6.0
85	18.82312	16.40530	13.63628	9.69974	9.37891	9.04399	8.38494	6.97747
	60.0	54.0	54.0	30.0	8.0	8.0	8.0	6.0
90	24.02380	21.08592	18.31690	14.70117	11.02680	10.13413	9.07836	7.53707
	60.0	54.0	54.0	54.0	54.0	42.0	8.0	7.0
95	29.22448	25.76653	22.99751	19.90185	16.22748	13.77460	9.77179	8.14381
	60.0	54.0	54.0	54.0	54.0	42.0	8.0	7.0
100	34.42516	30.44714	27.67812	25.10253	21.42816	18.17068	10.46521	8.75056
	60.0	54.0	54.0	54.0	54.0	54.0	8.0	7.0

STATION = 01549700 PINE CREEK BELOW L PINE CREEK NEAR WATERVILLE, PA
AVERAGE FLOW (INCH/MONTH) 1.66540
DRAINAGE AREA(SQ MI) 944.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.10398	0.09394	0.08949	0.07958	0.07422	0.06590	0.04572	0.02560
	3.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0
10	0.38351	0.36231	0.34567	0.32287	0.30213	0.28572	0.23840	0.13910
	4.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0
20	1.19908	1.13030	1.11064	1.06049	1.02316	0.95188	0.85568	0.63185
	6.0	5.0	5.0	5.0	5.0	4.0	4.0	4.0
30	2.19832	2.12447	2.00274	1.92512	1.85586	1.78321	1.61880	1.29801
	6.0	6.0	6.0	6.0	5.0	5.0	5.0	4.0
40	3.31004	3.12371	3.00198	2.92436	2.81085	2.67169	2.45150	2.04120
	7.0	6.0	6.0	6.0	6.0	6.0	5.0	5.0
50	4.47582	4.26639	4.14513	4.03464	3.81165	3.67093	3.42202	2.87390
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
55	5.05871	4.84928	4.72802	4.61753	4.39454	4.22141	3.92164	3.29025
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
60	5.64160	5.43217	5.31091	5.20042	4.97743	4.80430	4.44768	3.76922
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
65	6.23726	6.01506	5.89380	5.78331	5.56032	5.38719	5.03057	4.26884
	18.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
70	7.73612	6.59795	6.47669	6.36620	6.14321	5.97008	5.61346	4.76846
	18.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
75	10.25583	7.78638	7.05958	6.94909	6.72610	6.55297	6.19635	5.26808
	54.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
80	14.75241	10.88191	8.55860	7.53198	7.30899	7.13586	6.77924	5.76770
	54.0	54.0	30.0	7.0	7.0	7.0	7.0	6.0
85	19.24899	15.37849	11.28202	10.17543	7.89188	7.71875	7.36213	6.33137
	54.0	54.0	42.0	42.0	7.0	7.0	7.0	7.0
90	23.74557	19.87507	15.97475	14.67201	11.33953	9.17494	7.94502	6.91426
	54.0	54.0	54.0	54.0	54.0	30.0	7.0	7.0
95	28.24215	24.37165	20.97095	19.16859	15.83611	12.67280	8.52791	7.49715
	54.0	54.0	54.0	54.0	54.0	54.0	7.0	7.0
100	32.73873	28.86823	25.96715	23.66517	20.33269	17.66900	9.49897	8.08004
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0

STATION = 01550000 LYCOMING CREEK NEAR TROUT RUN, PA
AVERAGE FLOW (INCH/MONTH) 1.84958
DRAINAGE AREA (SQ MI) 173.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00149	0.00079	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
5	0.10646	0.08446	0.07774	0.06871	0.06138	0.05743	0.04762	0.02494
	3.0	3.0	2.0	2.0	2.0	2.0	1.0	0.5
10	0.42681	0.38208	0.35612	0.33806	0.29248	0.27640	0.23322	0.13461
	5.0	4.0	4.0	4.0	3.0	3.0	3.0	2.0
20	1.46787	1.39847	1.33922	1.26982	1.20379	1.13100	0.92557	0.70208
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	4.0
30	2.57761	2.50821	2.44896	2.37956	2.31353	2.24074	1.87001	1.44192
	6.0	6.0	6.0	6.0	6.0	6.0	6.0	4.0
40	3.81016	3.61796	3.55871	3.48931	3.42328	3.35049	2.97976	2.35476
	7.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
50	5.10487	4.87774	4.83231	4.66049	4.59334	4.46695	4.08951	3.27955
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
55	5.75222	5.52509	5.47966	5.30784	5.24069	5.11430	4.64438	3.74194
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
60	6.39958	6.17394	6.12702	5.95520	5.88805	5.76166	5.23829	4.20434
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	5.0
65	7.08081	6.91378	6.77437	6.60255	6.53540	6.40901	5.88564	4.66674
	8.0	8.0	7.0	7.0	7.0	7.0	7.0	5.0
70	7.82064	7.65361	7.49561	7.24990	7.18275	7.05636	6.53299	5.19850
	8.0	8.0	8.0	7.0	7.0	7.0	7.0	6.0
75	10.90640	8.39344	8.23544	7.95782	7.83011	7.70372	7.18035	5.75337
	54.0	8.0	8.0	8.0	7.0	7.0	7.0	6.0
80	15.90027	10.63860	8.97527	8.69765	8.55771	8.43807	7.82770	6.30824
	54.0	42.0	8.0	8.0	8.0	8.0	7.0	6.0
85	20.89413	14.52272	11.77127	9.43748	9.29754	9.17790	8.47505	6.86312
	54.0	42.0	42.0	8.0	8.0	8.0	7.0	6.0
90	25.88800	19.48720	17.09475	14.90925	11.81867	10.28548	9.12240	7.44366
	54.0	54.0	54.0	54.0	54.0	30.0	7.0	7.0
95	30.88186	24.48106	22.64349	20.45799	17.36741	13.80497	9.83373	8.09102
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	7.0
100	35.87573	29.47493	28.19223	26.00673	22.91615	19.27013	10.57356	8.73837
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	7.0

STATION = 01551500 WEST BRANCH SUSQUEHANNA RIVER AT WILLIAMSPORT, PA
AVERAGE FLOW (INCH/MONTH) 1.77642
DRAINAGE AREA (SQ MI) 5682.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.05667	0.04803	0.04451	0.04021	0.03561	0.03221	0.02150	0.01335
	2.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5
10	0.30228	0.27321	0.25718	0.24375	0.22100	0.19646	0.14819	0.08165
	4.0	3.0	3.0	3.0	3.0	3.0	2.0	1.0
20	1.25007	1.12118	1.06351	1.02795	0.92044	0.87917	0.77229	0.52271
	6.0	6.0	6.0	6.0	5.0	5.0	4.0	3.0
30	2.31593	2.18704	2.12937	2.09381	1.97809	1.91342	1.58250	1.20483
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	4.0
40	3.46748	3.35865	3.24733	3.15966	3.04394	2.97927	2.57377	2.01100
	7.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0
50	4.71097	4.60214	4.49082	4.24845	4.11835	4.04512	3.63962	2.89921
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
55	5.33272	5.22389	5.11257	4.87020	4.74010	4.57805	4.17255	3.34331
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
60	5.95446	5.84563	5.73431	5.49194	5.36184	5.19516	4.70547	3.78742
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
65	6.61614	6.46738	6.35606	6.11369	5.98359	5.81691	5.26697	4.25366
	8.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
70	7.32671	7.08913	6.97781	6.73544	6.60534	6.43866	5.88872	4.78658
	8.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
75	8.03728	7.71087	7.59955	7.40165	7.24262	7.06040	6.51046	5.31951
	8.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
80	11.06366	9.48581	8.30016	8.11222	7.95319	7.68215	7.13221	5.85244
	42.0	42.0	8.0	8.0	8.0	7.0	7.0	6.0
85	15.55377	13.51368	11.49998	9.53837	8.66376	8.34525	7.75396	6.38536
	54.0	54.0	54.0	54.0	8.0	8.0	7.0	6.0
90	20.35010	18.31001	16.82924	14.86763	11.06473	9.24181	8.37571	6.91829
	54.0	54.0	54.0	54.0	48.0	30.0	7.0	6.0
95	25.14644	23.17315	22.15850	20.19689	16.08796	13.66771	9.03841	7.45121
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	6.0
100	29.94277	28.50241	27.48776	25.52615	21.41722	18.57246	9.94495	8.03822
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0

STATION = 01552000 LOYALSOCK CREEK AT LOYALSOCKVILLE, PA
AVERAGE FLOW (INCH/MONTH) 1.93220
DRAINAGE AREA (SQ MI) 443.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00062	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.10075	0.08139	0.07343	0.06677	0.05988	0.05607	0.04801	0.02518
	2.0	2.0	2.0	2.0	2.0	1.0	1.0	0.5
10	0.44556	0.39008	0.34663	0.31782	0.30030	0.27965	0.22965	0.13117
	4.0	4.0	4.0	4.0	3.0	3.0	3.0	2.0
20	1.41604	1.36379	1.26829	1.16928	1.10530	1.03165	0.93027	0.68596
	6.0	6.0	6.0	5.0	5.0	5.0	4.0	4.0
30	2.57536	2.52311	2.42761	2.30568	2.15535	2.06825	1.81710	1.45884
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	4.0
40	3.73468	3.68243	3.58693	3.46500	3.31467	3.22757	2.94822	2.41007
	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
50	4.90654	4.84175	4.74625	4.62432	4.47399	4.38689	4.10754	3.37617
	7.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
55	5.58281	5.48495	5.40592	5.20398	5.05441	4.96655	4.68720	3.85922
	7.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0
60	6.25908	6.16122	6.08219	5.86691	5.73068	5.54621	5.26686	4.34227
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
65	6.93535	6.83749	6.75846	6.54318	6.40695	6.20221	5.84652	4.82532
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
70	7.61162	7.51376	7.43473	7.21945	7.08322	6.87848	6.42618	5.30837
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
75	8.28789	8.19003	8.11100	7.89572	7.75949	7.55475	7.00584	5.79142
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
80	11.99320	8.86630	8.78727	8.57199	8.43576	8.23102	7.60101	6.27447
	54.0	7.0	7.0	7.0	7.0	7.0	7.0	5.0
85	17.21014	14.25869	10.58577	9.24826	9.11203	8.90729	8.27728	6.75752
	54.0	54.0	54.0	7.0	7.0	7.0	7.0	5.0
90	22.62786	20.05529	16.05668	13.72039	11.79455	9.58356	8.95355	7.24057
	60.0	60.0	60.0	60.0	60.0	7.0	7.0	5.0
95	28.42446	25.85189	21.85328	19.51699	17.59115	14.81994	9.62982	7.72362
	60.0	60.0	60.0	60.0	60.0	60.0	7.0	5.0
100	34.22106	31.64849	27.64988	25.31359	23.38775	20.61654	10.55765	8.29765
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	6.0

STATION = 01552500 MUNCY CREEK NEAR SONESTOWN, PA
AVERAGE FLOW (INCH/MONTH) 2.29392
DRAINAGE AREA (SQ MI) 23.8

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00542	0.00340	0.00139	0.00038	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0
5	0.12854	0.11240	0.10030	0.08416	0.07235	0.07033	0.05621	0.03012
	2.0	2.0	2.0	2.0	1.0	1.0	1.0	0.5
10	0.50151	0.47382	0.43348	0.40928	0.36087	0.34327	0.27065	0.15219
	5.0	4.0	4.0	4.0	4.0	3.0	3.0	2.0
20	1.85714	1.67561	1.59089	1.48197	1.37617	1.29549	1.10094	0.75401
	6.0	6.0	6.0	6.0	5.0	5.0	4.0	4.0
30	3.44767	3.19352	2.96725	2.85833	2.72521	2.59209	2.23066	1.72641
	7.0	7.0	6.0	6.0	6.0	6.0	5.0	5.0
40	5.05342	4.79927	4.55924	4.37570	4.10156	3.96844	3.60537	2.87337
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
50	6.75524	6.40501	6.16498	5.98144	5.68494	5.47315	4.98172	4.02033
	8.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
55	7.67281	7.30169	6.96785	6.78431	6.48781	6.27602	5.75361	4.61701
	8.0	8.0	7.0	7.0	7.0	7.0	7.0	6.0
60	8.59038	8.21926	7.77072	7.58718	7.29068	7.07889	6.55648	5.30518
	8.0	8.0	7.0	7.0	7.0	7.0	7.0	6.0
65	9.50794	9.13682	8.65273	8.39006	8.09356	7.88177	7.35936	5.99336
	8.0	8.0	8.0	7.0	7.0	7.0	7.0	6.0
70	11.41222	10.05439	9.57030	9.19293	8.89643	8.68464	8.16223	6.68153
	21.0	8.0	8.0	7.0	7.0	7.0	7.0	6.0
75	13.82084	10.97196	10.48787	10.05219	9.76174	9.55197	8.96510	7.36971
	21.0	8.0	8.0	8.0	8.0	8.0	7.0	6.0
80	16.22946	13.45284	11.40544	10.96976	10.67931	10.46954	9.76797	8.05789
	21.0	21.0	8.0	8.0	8.0	8.0	7.0	6.0
85	22.39918	19.64643	14.04154	12.66081	11.59688	11.38711	10.57084	8.74606
	54.0	54.0	30.0	30.0	8.0	8.0	7.0	6.0
90	28.59276	25.84001	20.26318	17.93671	14.27316	12.30467	11.37372	9.43424
	54.0	54.0	54.0	54.0	54.0	8.0	7.0	6.0
95	34.83739	32.03360	27.14494	24.81847	21.15492	17.29435	12.17659	10.14342
	60.0	54.0	54.0	54.0	54.0	54.0	7.0	7.0
100	41.71915	38.85769	34.02670	31.70023	28.03668	23.48793	12.99413	10.94629
	60.0	60.0	60.0	60.0	60.0	54.0	8.0	7.0

STATION = 01553500 WEST BRANCH SUSQUEHANNA RIVER AT LEWISBURG, PA
AVERAGE FLOW (INCH/MONTH) 1.78666
DRAINAGE AREA (SQ MI) 6847.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.03750	0.03571	0.03192	0.02948	0.02301	0.02076	0.01381	0.00349
	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5
10	0.26495	0.23924	0.22043	0.21004	0.19575	0.16823	0.12896	0.06739
	4.0	3.0	3.0	3.0	3.0	2.0	2.0	1.0
20	1.06928	1.04413	0.96320	0.91369	0.85738	0.82927	0.70759	0.47820
	6.0	6.0	6.0	6.0	4.0	4.0	4.0	3.0
30	2.14128	2.11613	2.03520	1.98569	1.91180	1.78398	1.48455	1.14903
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	4.0
40	3.36748	3.31278	3.10719	3.05768	2.98379	2.85597	2.43124	1.90804
	7.0	7.0	6.0	6.0	6.0	6.0	6.0	5.0
50	4.69102	4.56344	4.34447	4.12968	4.05579	3.92797	3.50324	2.80137
	8.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0
55	5.40568	5.18877	4.96980	4.71699	4.59179	4.46397	4.03924	3.24804
	8.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
60	6.12035	5.83321	5.59513	5.34232	5.16991	5.02982	4.57524	3.74372
	8.0	8.0	7.0	7.0	7.0	7.0	6.0	6.0
65	6.83501	6.54787	6.22046	5.96765	5.79524	5.65515	5.16546	4.27971
	8.0	8.0	7.0	7.0	7.0	7.0	7.0	6.0
70	7.54968	7.26254	6.84579	6.59701	6.42057	6.28048	5.79079	4.81571
	8.0	8.0	7.0	7.0	7.0	7.0	7.0	6.0
75	8.30418	7.97720	7.53902	7.31167	7.10365	6.92188	6.41612	5.35171
	21.0	8.0	8.0	8.0	8.0	8.0	7.0	6.0
80	13.05161	10.43234	8.25368	8.02633	7.81831	7.63654	7.04146	5.88771
	54.0	54.0	8.0	8.0	8.0	8.0	7.0	6.0
85	17.87559	15.25632	11.83970	9.35908	8.53298	8.35121	7.66679	6.42371
	54.0	54.0	54.0	30.0	8.0	8.0	7.0	6.0
90	22.69958	20.08031	16.96396	13.67122	11.26595	9.71697	8.36876	6.95970
	54.0	54.0	54.0	54.0	54.0	30.0	8.0	6.0
95	27.52356	24.90429	22.32394	19.03120	16.62593	13.86226	9.08343	7.49570
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	6.0
100	32.35751	30.26240	27.68392	24.39118	21.98591	18.68624	10.26260	8.10843
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	7.0

STATION = 01555000 PENNS CREEK AT PENNS CREEK, PA
AVERAGE FLOW (INCH/MONTH) 1.63749
DRAINAGE AREA (SQ MI) 301.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.06075	0.05590	0.05304	0.04762	0.04249	0.03507	0.02423	0.01069
	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5
20	0.52480	0.44605	0.41295	0.37476	0.35679	0.34053	0.25441	0.14034
	4.0	4.0	4.0	3.0	3.0	3.0	2.0	1.0
30	1.20655	1.13664	1.09669	1.02394	0.95040	0.91274	0.81802	0.52927
	5.0	5.0	5.0	5.0	4.0	4.0	4.0	4.0
40	2.17699	2.04346	1.99211	1.87398	1.78839	1.66009	1.52884	1.18426
	6.0	6.0	6.0	6.0	6.0	5.0	5.0	4.0
50	3.17077	3.09089	2.98304	2.89516	2.77088	2.63735	2.38571	1.92817
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
55	3.74390	3.66402	3.55617	3.46829	3.30851	3.12860	2.87696	2.33755
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
60	4.42115	4.23714	4.12929	4.04141	3.88163	3.68791	3.36820	2.81525
	18.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
65	5.89489	4.86518	4.70241	4.61453	4.45475	4.26103	3.85945	3.30650
	18.0	8.0	7.0	7.0	7.0	7.0	6.0	6.0
70	7.36863	5.99757	5.59183	5.18765	5.02787	4.83415	4.38677	3.79775
	18.0	18.0	18.0	7.0	7.0	7.0	7.0	6.0
75	9.84408	8.35937	7.06558	6.11036	5.60099	5.40727	4.95989	4.28899
	42.0	30.0	18.0	18.0	7.0	7.0	7.0	6.0
80	13.28281	10.81561	8.60260	7.58411	6.79040	5.98039	5.53301	4.78024
	42.0	30.0	30.0	18.0	18.0	7.0	7.0	6.0
85	16.72154	13.27184	11.25225	9.51005	8.26414	6.96524	6.10614	5.28728
	42.0	30.0	30.0	30.0	18.0	18.0	7.0	7.0
90	21.38989	17.81668	15.64983	13.24876	10.15454	8.71512	6.69075	5.86040
	60.0	60.0	60.0	54.0	48.0	42.0	8.0	7.0
95	26.30236	22.72915	20.56230	17.66999	14.66438	12.28435	7.34574	6.43352
	60.0	60.0	60.0	54.0	54.0	54.0	8.0	7.0
100	31.21483	27.64162	25.47477	22.09121	19.57685	17.19682	9.00843	7.00664
	60.0	60.0	60.0	54.0	54.0	54.0	30.0	7.0

STATION = 01555500 EAST MAHANTANGO CREEK NEAR DALMATIA, PA
AVERAGE FLOW (INCH/MONTH) 1.56332
DRAINAGE AREA (SQ MI) 162.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.04880	0.03915	0.03487	0.03059	0.02441	0.02101	0.01648	0.00387
	2.0	1.0	1.0	1.0	1.0	0.5	0.5	0.5
10	0.20513	0.18039	0.15851	0.14233	0.11283	0.10331	0.08306	0.04643
	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0
20	0.78303	0.70255	0.66070	0.62071	0.55601	0.51264	0.42843	0.25041
	5.0	4.0	4.0	4.0	4.0	3.0	3.0	2.0
30	1.56469	1.46084	1.38092	1.33156	1.26020	1.15790	0.98341	0.68652
	5.0	5.0	5.0	5.0	5.0	5.0	4.0	4.0
40	2.48162	2.39883	2.31891	2.24754	2.08197	2.01061	1.74924	1.37576
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	5.0
50	3.48331	3.41005	3.25690	3.18553	3.02372	2.94860	2.64314	2.15742
	7.0	7.0	6.0	6.0	6.0	6.0	6.0	5.0
55	4.10474	3.95721	3.76072	3.66745	3.57088	3.45430	3.13458	2.62399
	30.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
60	6.69772	6.01996	4.74487	4.21461	4.11804	4.00146	3.68174	3.09298
	54.0	54.0	30.0	7.0	7.0	7.0	7.0	6.0
65	10.95822	10.24092	7.76961	6.41099	5.13479	4.54863	4.22891	3.56198
	60.0	54.0	54.0	30.0	30.0	7.0	7.0	6.0
70	15.64818	14.46189	11.99058	10.42529	9.20841	7.84975	4.77607	4.07000
	60.0	54.0	54.0	54.0	54.0	54.0	7.0	7.0
75	20.33814	18.68285	16.44839	15.11525	13.53145	12.38535	6.52252	4.61716
	60.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
80	25.02810	23.12333	21.13835	19.80521	18.22141	17.07531	8.86750	5.16432
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0
85	29.71806	27.81329	25.82831	24.49517	22.91137	21.76527	11.21248	5.71148
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0
90	34.40802	32.50325	30.51827	29.18513	27.60133	26.45523	13.55746	6.26587
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	8.0
95	39.09798	37.19321	35.20823	33.87509	32.29129	31.14519	15.90244	6.89120
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	8.0
100	43.78794	41.88317	39.89819	38.56505	36.98125	35.83515	18.24742	7.51653
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	8.0

STATION = 01556000 FRANKSTOWN BRANCH JUNIATA RIVER AT WILLIAMSBURG, PA
AVERAGE FLOW (INCH/MONTH) 1.53237
DRAINAGE AREA (SQ MI) 291.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.01688	0.01389	0.01227	0.01050	0.00799	0.00667	0.00211	0.00000
	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.0
20	0.34511	0.31772	0.29298	0.26736	0.23997	0.20887	0.16764	0.09707
	3.0	3.0	3.0	3.0	3.0	2.0	2.0	1.0
30	0.99827	0.96880	0.89077	0.84807	0.79507	0.76562	0.66785	0.42755
	5.0	5.0	5.0	5.0	4.0	4.0	4.0	3.0
40	1.98575	1.82224	1.75685	1.70384	1.63139	1.55011	1.39460	1.03405
	7.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
50	3.05841	2.83575	2.79865	2.65021	2.59867	2.53064	2.31402	1.80024
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
55	3.59473	3.37207	3.33497	3.18653	3.13499	3.06696	2.77373	2.20472
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
60	4.44899	3.94841	3.87130	3.72286	3.67132	3.60329	3.29198	2.66443
	18.0	8.0	7.0	7.0	7.0	7.0	7.0	6.0
65	5.82812	5.19589	4.45533	4.32337	4.20765	4.13962	3.82831	3.13767
	18.0	18.0	8.0	8.0	7.0	7.0	7.0	7.0
70	7.20725	6.57502	5.45881	4.93632	4.77141	4.67595	4.36464	3.67400
	18.0	18.0	18.0	8.0	8.0	7.0	7.0	7.0
75	8.99838	7.95416	6.83795	5.74656	5.38436	5.28304	4.90097	4.21033
	42.0	18.0	18.0	18.0	8.0	8.0	7.0	7.0
80	12.21635	9.33329	8.21708	7.12569	6.31594	5.89599	5.43730	4.74666
	42.0	18.0	18.0	18.0	18.0	8.0	7.0	7.0
85	15.80514	12.21701	10.89511	9.15393	7.69507	7.15306	5.97645	5.28299
	54.0	42.0	42.0	30.0	18.0	18.0	8.0	7.0
90	19.94254	16.74453	15.03251	12.08032	9.92776	8.53219	6.58939	5.81932
	54.0	54.0	54.0	48.0	42.0	18.0	8.0	7.0
95	24.07994	21.34164	19.54457	15.88442	14.02857	11.63623	7.20234	6.35565
	54.0	54.0	54.0	54.0	54.0	42.0	8.0	7.0
100	28.21734	25.93875	24.14168	20.48153	18.62568	15.53755	8.26318	6.90111
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	8.0

STATION = 01558000 LITTLE JUNIATA RIVER AT SPRUCE CREEK, PA
AVERAGE FLOW (INCH/MONTH) 1.91895
DRAINAGE AREA (SQ MI) 220.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.20320	0.19357	0.18520	0.15953	0.13867	0.12583	0.08859	0.05490
	3.0	3.0	2.0	2.0	2.0	2.0	1.0	1.0
30	0.90695	0.87487	0.82352	0.76898	0.74651	0.70480	0.56843	0.34571
	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0
40	1.99198	1.90535	1.81150	1.67804	1.62589	1.58177	1.34313	1.03279
	6.0	6.0	6.0	5.0	5.0	5.0	5.0	4.0
50	3.16749	3.05672	2.96287	2.82810	2.69574	2.64520	2.42140	1.93762
	7.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
55	3.83912	3.64541	3.53856	3.40379	3.27143	3.22089	2.99709	2.41735
	7.0	7.0	6.0	6.0	6.0	6.0	6.0	5.0
60	4.51075	4.31704	4.12611	3.99696	3.92677	3.83132	3.57277	2.89709
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
65	5.87447	4.98867	4.79774	4.66859	4.59840	4.50295	4.14846	3.43612
	18.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
70	7.60152	6.70012	5.51592	5.34023	5.27004	5.17459	4.80117	4.01180
	18.0	18.0	8.0	7.0	7.0	7.0	7.0	6.0
75	9.32858	8.42718	7.14301	6.44396	5.94167	5.84622	5.47280	4.58749
	18.0	18.0	18.0	18.0	7.0	7.0	7.0	6.0
80	11.11109	10.15423	8.87006	8.17101	7.28938	6.51785	6.14443	5.16317
	60.0	18.0	18.0	18.0	18.0	7.0	7.0	6.0
85	16.86794	13.52440	11.91286	10.23760	9.01644	7.65985	6.81606	5.81092
	60.0	42.0	42.0	42.0	18.0	18.0	7.0	7.0
90	22.62479	19.02897	17.09402	14.35853	12.35376	10.20716	7.48770	6.48256
	60.0	60.0	54.0	54.0	42.0	42.0	7.0	7.0
95	28.38164	24.78582	22.27519	20.11538	17.43966	14.27283	8.63240	7.15419
	60.0	60.0	54.0	54.0	54.0	54.0	18.0	7.0
100	34.13849	30.54267	27.45635	25.87223	23.19651	20.02968	10.96640	7.82582
	60.0	60.0	54.0	54.0	54.0	54.0	30.0	7.0

STATION = 01559000 JUNIATA RIVER AT HUNTINGDON, PA
AVERAGE FLOW (INCH/MONTH) 1.51262
DRAINAGE AREA (SQ MI) 816.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.01408	0.01148	0.01081	0.00610	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0
20	0.19584	0.16042	0.13340	0.11879	0.10246	0.09127	0.06736	0.03866
	2.0	2.0	2.0	2.0	1.0	1.0	1.0	0.5
30	0.62960	0.58487	0.55121	0.50869	0.45493	0.43001	0.31642	0.18261
	4.0	4.0	4.0	4.0	3.0	3.0	3.0	2.0
40	1.37104	1.25013	1.21117	1.12703	1.06337	0.99329	0.88302	0.61065
	6.0	6.0	5.0	5.0	5.0	4.0	4.0	4.0
50	2.40650	2.15770	2.06204	1.97967	1.84947	1.81161	1.61231	1.26720
	7.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
55	2.93592	2.61149	2.51583	2.43346	2.30326	2.26540	2.06610	1.64535
	7.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
60	3.46533	3.12975	3.00806	2.88724	2.77246	2.72442	2.51988	2.02565
	7.0	7.0	7.0	6.0	6.0	6.0	6.0	6.0
65	3.99475	3.65917	3.53748	3.39566	3.30188	3.25384	2.99576	2.47944
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
70	5.17167	4.75525	4.06862	3.92508	3.83130	3.78326	3.52518	2.93322
	18.0	18.0	8.0	7.0	7.0	7.0	7.0	6.0
75	6.53303	6.11661	5.41157	4.46819	4.36071	4.31267	4.05459	3.38701
	18.0	18.0	18.0	8.0	7.0	7.0	7.0	6.0
80	8.44231	7.47797	6.77293	5.76817	5.11976	4.84209	4.58401	3.84080
	60.0	18.0	18.0	18.0	18.0	7.0	7.0	6.0
85	12.98017	10.45844	8.66448	7.40287	6.48112	5.95664	5.11343	4.36709
	60.0	54.0	42.0	42.0	18.0	18.0	7.0	7.0
90	17.51803	14.54251	12.04220	10.83190	9.25453	7.62983	5.64285	4.89651
	60.0	54.0	54.0	54.0	42.0	42.0	7.0	7.0
95	22.05589	18.62659	16.58006	15.36976	13.42450	11.37255	6.32204	5.42592
	60.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0
100	26.59375	22.75979	21.11792	19.90762	17.96236	15.91041	8.52481	5.95534
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0

STATION = 01559500 STANDING STONE CREEK NEAR HUNTINGDON, PA
AVERAGE FLOW (INCH/MONTH) 1.30867
DRAINAGE AREA (SQ MI) 128.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.06938	0.05292	0.04927	0.04490	0.04052	0.03688	0.02522	0.01224
	2.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5
20	0.43781	0.39118	0.37661	0.34585	0.31743	0.30431	0.24529	0.15479
	4.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0
30	1.10093	1.00038	0.97207	0.90286	0.84822	0.81178	0.71354	0.51245
	6.0	6.0	5.0	5.0	5.0	5.0	4.0	4.0
40	1.88613	1.78558	1.68940	1.65443	1.54076	1.51453	1.37026	1.07631
	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
50	2.69832	2.59631	2.51470	2.43963	2.32596	2.29973	2.15546	1.73065
	7.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0
55	3.15635	3.05434	2.97274	2.88094	2.77383	2.71263	2.54806	2.09341
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
60	3.61438	3.51237	3.43077	3.33897	3.23186	3.17066	2.94066	2.48601
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
65	4.57465	4.23698	3.91164	3.79701	3.68990	3.62870	3.33326	2.87861
	18.0	18.0	18.0	7.0	7.0	7.0	6.0	6.0
70	6.20924	5.41478	5.08944	4.25504	4.14793	4.08673	3.79091	3.27121
	30.0	18.0	18.0	7.0	7.0	7.0	7.0	6.0
75	8.42170	7.34706	6.26725	5.45430	4.62392	4.54477	4.24895	3.68792
	54.0	42.0	18.0	18.0	18.0	7.0	7.0	7.0
80	11.95511	10.80793	8.19059	7.41731	5.80173	5.00280	4.70698	4.14595
	54.0	54.0	54.0	30.0	18.0	7.0	7.0	7.0
85	15.48852	14.34134	11.72400	10.30070	8.63950	6.78205	5.16502	4.60399
	54.0	54.0	54.0	54.0	54.0	30.0	7.0	7.0
90	19.02193	17.87475	15.25741	13.83411	12.17291	9.59535	5.70483	5.06202
	54.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0
95	22.55534	21.40816	18.79082	17.36752	15.70632	13.52136	6.89940	5.52006
	54.0	54.0	54.0	54.0	54.0	54.0	27.0	7.0
100	26.08875	24.94157	22.32423	20.91741	19.23973	17.44737	8.66610	5.97809
	54.0	54.0	54.0	54.0	54.0	54.0	27.0	7.0

STATION = 01559700 SULPHUR SPRINGS CREEK NEAR MANNS CHOICE, PA
AVERAGE FLOW (INCH/MONTH) 1.17367
DRAINAGE AREA (SQ MI) 5.3

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.04672	0.04672	0.04672	0.02335	0.02335	0.02335	0.02335	0.01168
	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.5
10	0.19313	0.19313	0.16408	0.14015	0.14015	0.12875	0.09342	0.06438
	3.0	3.0	2.0	2.0	2.0	2.0	2.0	1.0
20	0.66654	0.66654	0.64377	0.58567	0.58567	0.55544	0.46713	0.33326
	6.0	6.0	5.0	4.0	4.0	4.0	4.0	3.0
30	1.37075	1.37075	1.26476	1.15878	1.15878	1.14228	1.05397	0.78901
	6.0	6.0	6.0	6.0	6.0	5.0	5.0	5.0
40	2.17348	2.07495	1.96896	1.86298	1.86298	1.75700	1.65102	1.37584
	7.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
50	2.99505	2.87140	2.74776	2.62411	2.62411	2.50047	2.35522	2.03727
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
55	3.40583	3.28218	3.15854	3.03489	3.03489	2.91125	2.70732	2.38937
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
60	3.95338	3.69296	3.56932	3.44567	3.44567	3.32203	3.07474	2.74147
	18.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
65	5.68012	4.56394	3.98346	3.85646	3.85646	3.73282	3.48553	3.09357
	30.0	30.0	8.0	7.0	7.0	7.0	7.0	6.0
70	7.44062	6.32444	5.71378	4.38292	4.26724	4.14360	3.89631	3.44567
	30.0	30.0	30.0	18.0	7.0	7.0	7.0	6.0
75	9.34414	8.08495	7.47429	5.94083	5.14265	4.55492	4.30710	3.81253
	42.0	30.0	30.0	30.0	18.0	18.0	7.0	7.0
80	12.72673	10.37286	9.34759	7.76957	6.42592	5.61122	4.71788	4.22331
	60.0	54.0	54.0	54.0	30.0	18.0	7.0	7.0
85	16.24774	13.54177	12.51650	10.93848	8.61381	7.30350	5.12867	4.63410
	60.0	54.0	54.0	54.0	54.0	30.0	7.0	7.0
90	19.76875	16.71768	15.68541	14.10739	12.05669	10.14984	5.53945	5.04488
	60.0	60.0	54.0	54.0	54.0	54.0	7.0	7.0
95	23.28976	20.23869	19.08633	17.27630	15.57770	13.31875	6.81765	5.45567
	60.0	60.0	60.0	54.0	54.0	54.0	27.0	7.0
100	26.81077	23.75970	22.60734	20.58399	19.09871	16.48766	8.40210	5.86645
	60.0	60.0	60.0	60.0	60.0	54.0	27.0	7.0

STATION = 01560000 DUNNING CREEK AT BELDEN, PA
AVERAGE FLOW (INCH/MONTH) 1.50031
DRAINAGE AREA (SQ MI) 172.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.01754	0.01483	0.01267	0.01148	0.01013	0.00904	0.00497	0.00000
	1.0	1.0	1.0	0.5	0.5	0.5	0.5	0.0
10	0.14715	0.13305	0.11353	0.10269	0.08859	0.07449	0.06056	0.03354
	2.0	2.0	2.0	2.0	2.0	2.0	1.0	0.5
20	0.67612	0.60380	0.58861	0.54740	0.50620	0.47400	0.39754	0.24659
	5.0	4.0	4.0	4.0	4.0	3.0	3.0	2.0
30	1.50982	1.39271	1.30487	1.22024	1.19042	1.15246	0.98979	0.72025
	6.0	6.0	6.0	5.0	5.0	5.0	5.0	4.0
40	2.44731	2.29289	2.20505	2.09769	2.00333	1.93827	1.73994	1.37665
	7.0	6.0	6.0	6.0	6.0	6.0	5.0	5.0
50	3.49753	3.33432	3.19768	3.08380	2.95095	2.83846	2.59120	2.12681
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
55	4.02263	3.85942	3.72278	3.60890	3.47605	3.34322	3.04129	2.56305
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
60	4.59012	4.38453	4.24789	4.13401	4.00116	3.86833	3.56088	3.01315
	8.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
65	5.72275	4.90964	4.77300	4.65912	4.52627	4.39344	4.08599	3.46324
	30.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
70	7.97321	6.57993	6.17864	5.18423	5.05138	4.91855	4.61110	3.91333
	30.0	30.0	30.0	7.0	7.0	7.0	7.0	6.0
75	10.63831	9.19388	8.42911	7.28923	5.58542	5.44366	5.13621	4.39607
	54.0	54.0	30.0	30.0	18.0	7.0	7.0	7.0
80	14.68914	13.24471	10.67957	9.53969	7.60291	6.45793	5.66132	4.92118
	54.0	54.0	30.0	30.0	30.0	30.0	7.0	7.0
85	18.73998	17.29555	13.62605	11.91261	10.77394	8.70840	6.18642	5.44628
	54.0	54.0	54.0	54.0	54.0	30.0	7.0	7.0
90	23.11368	21.34639	17.97832	16.17819	14.82478	12.54931	6.76438	5.97139
	60.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0
95	27.61461	25.39722	22.47925	20.67912	18.89587	16.60014	8.54727	6.49650
	60.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
100	32.11554	29.44806	26.98018	25.18005	23.39680	20.65098	10.79773	7.02161
	60.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0

STATION = 01561000 BRUSH CREEK AT GAPSVILLE, PA
AVERAGE FLOW (INCH/MONTH) 1.39075
DRAINAGE AREA (SQ MI) 36.8

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00315	0.00315	0.00189	0.00061	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0
5	0.07825	0.06813	0.05798	0.04784	0.04419	0.03913	0.02899	0.01576
	2.0	2.0	2.0	2.0	1.0	1.0	1.0	0.5
10	0.26518	0.24997	0.21195	0.18691	0.16664	0.15650	0.12610	0.07319
	3.0	3.0	3.0	2.0	2.0	2.0	2.0	1.0
20	0.84587	0.79518	0.75717	0.71916	0.66655	0.62601	0.51450	0.34786
	5.0	5.0	5.0	5.0	4.0	4.0	4.0	3.0
30	1.65181	1.56058	1.48455	1.41454	1.33850	1.27515	1.17378	0.80723
	6.0	6.0	6.0	5.0	5.0	5.0	5.0	4.0
40	2.61680	2.42165	2.31900	2.24297	2.16694	2.09091	1.87803	1.45098
	7.0	7.0	6.0	6.0	6.0	6.0	6.0	5.0
50	3.59033	3.39518	3.27100	3.14682	3.00490	2.92536	2.71248	2.14986
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	6.0
55	4.07709	3.88194	3.75776	3.63358	3.49166	3.36748	3.12971	2.56709
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
60	4.66324	4.36870	4.24452	4.12034	3.97842	3.85424	3.55265	2.98431
	18.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
65	5.91491	5.12078	4.73128	4.60710	4.46518	4.34100	4.03941	3.40154
	18.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
70	8.59249	7.44693	5.58801	5.09387	4.95195	4.82777	4.52618	3.81876
	42.0	42.0	18.0	7.0	7.0	7.0	7.0	6.0
75	11.51307	10.36751	7.46110	6.87759	5.65645	5.31453	0.00000	0.00000
	42.0	42.0	30.0	30.0	18.0	7.0	0.0	0.0
80	14.43364	13.28808	10.29280	8.96372	6.99700	6.30015	0.00000	0.00000
	42.0	42.0	42.0	30.0	30.0	30.0	0.0	0.0
85	18.15629	16.20866	14.46505	11.84184	10.54423	8.38628	0.00000	0.00000
	54.0	42.0	42.0	42.0	42.0	30.0	0.0	0.0
90	21.91131	19.98391	18.63730	15.82797	14.29925	10.70744	0.00000	0.00000
	54.0	54.0	54.0	54.0	54.0	54.0	0.0	0.0
95	25.66634	24.15616	22.80955	20.00022	18.05428	14.87969	0.00000	0.00000
	54.0	54.0	54.0	54.0	54.0	54.0	0.0	0.0
100	29.42136	28.32841	26.98180	24.17247	21.80930	19.05194	0.00000	0.00000
	54.0	54.0	54.0	54.0	54.0	54.0	0.0	0.0

STATION = 01562000 RAYSTOWN BRANCH JUNIATA RIVER AT SAXTON, PA
AVERAGE FLOW (INCH/MONTH) 1.36887
DRAINAGE AREA (SQ MI) 756.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00117	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.06232	0.05054	0.04918	0.04252	0.04017	0.03647	0.02808	0.01410
	2.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5
20	0.51677	0.47235	0.45508	0.41709	0.37465	0.33836	0.27507	0.16364
	4.0	4.0	4.0	4.0	4.0	3.0	3.0	2.0
30	1.19330	1.14906	1.08131	1.02999	0.97880	0.93500	0.75739	0.51696
	7.0	5.0	5.0	5.0	5.0	5.0	4.0	3.0
40	2.15151	1.96554	1.90263	1.77532	1.69982	1.61944	1.42947	1.07911
	7.0	6.0	6.0	6.0	6.0	5.0	5.0	5.0
50	3.10972	2.88607	2.73235	2.59764	2.52114	2.42195	2.22358	1.76355
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
55	3.58882	3.36517	3.21145	3.07674	2.95584	2.89193	2.64669	2.17089
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
60	4.12356	3.84427	3.69055	3.55584	3.43494	3.37103	3.12579	2.58155
	18.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
65	5.55230	5.00323	4.60833	4.16201	3.91405	3.85014	3.60490	2.99221
	27.0	18.0	18.0	18.0	7.0	7.0	7.0	6.0
70	8.73410	6.23521	5.84031	5.39399	4.44763	4.32924	4.08400	3.40287
	54.0	18.0	18.0	18.0	18.0	7.0	7.0	6.0
75	12.43005	9.39850	7.47564	6.62598	5.67962	4.86889	4.56311	3.82996
	54.0	54.0	27.0	18.0	18.0	18.0	7.0	7.0
80	16.12599	13.09444	10.79809	7.89356	6.91160	6.10087	5.04221	4.30906
	54.0	54.0	54.0	54.0	18.0	18.0	7.0	7.0
85	19.82194	16.79039	14.49404	11.58951	8.20856	7.33285	5.58568	4.78817
	54.0	54.0	54.0	54.0	27.0	18.0	8.0	7.0
90	23.51789	20.48634	18.18999	15.28546	11.10392	9.52453	6.47615	5.26727
	54.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0
95	27.21384	24.18229	21.88594	18.98141	15.21053	13.63114	7.70814	5.74638
	54.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0
100	30.90979	27.87824	25.58189	22.67736	19.31714	17.73775	9.02554	6.22548
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0

STATION = 01562500 GREAT TROUGH CREEK NEAR MARKLESBURG, PA
AVERAGE FLOW (INCH/MONTH) 1.26930
DRAINAGE AREA (SQ MI) 84.6

DRAFT RATE AS PERCENT OF MEAN FLOW

	RETURN PERIOD							
	100.0	50.0	30.8	20.0	13.3	10.0	0.0	0.0
1	0.00249	0.00140	0.00084	0.00029	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0
5	0.07401	0.06961	0.05417	0.04535	0.03812	0.03701	0.00000	0.00000
	2.0	2.0	2.0	2.0	1.0	1.0	0.0	0.0
10	0.23527	0.21543	0.20551	0.18236	0.16913	0.14802	0.00000	0.00000
	3.0	3.0	3.0	3.0	3.0	2.0	0.0	0.0
20	0.77322	0.71259	0.69605	0.67400	0.63542	0.59212	0.49069	0.33495
	5.0	5.0	5.0	5.0	5.0	4.0	4.0	3.0
30	1.49762	1.46455	1.39841	1.34549	1.27007	1.22598	1.09369	0.78234
	6.0	6.0	6.0	6.0	5.0	5.0	5.0	4.0
40	2.38109	2.26533	2.19589	2.14958	2.02770	1.98140	1.74990	1.33146
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
50	3.26960	3.15384	3.08440	3.03809	2.86832	2.76029	2.51148	1.96611
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
55	3.71386	3.59810	3.52866	3.48235	3.31258	3.20455	2.89227	2.29697
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
60	4.15811	4.04235	3.97291	3.92660	3.75683	3.64880	3.30154	2.67776
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
65	5.27921	4.66637	4.41717	4.37086	4.20109	4.09306	3.74580	3.05855
	42.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
70	7.94474	5.80874	4.89855	4.81511	4.64534	4.53731	4.19005	3.43934
	42.0	18.0	18.0	7.0	7.0	7.0	7.0	6.0
75	10.61027	7.59440	6.71294	5.48735	5.08960	4.98157	4.63431	3.82405
	42.0	30.0	30.0	30.0	7.0	7.0	7.0	7.0
80	13.27580	10.12725	8.61943	7.39130	5.94725	5.42582	5.07856	4.26830
	42.0	42.0	42.0	30.0	30.0	7.0	7.0	7.0
85	15.94133	13.16601	11.98259	9.87270	8.17419	6.66083	5.52282	4.71256
	42.0	42.0	42.0	42.0	42.0	30.0	7.0	7.0
90	19.25073	16.97391	15.40970	13.29981	11.60130	8.91279	5.96707	5.15681
	54.0	54.0	54.0	54.0	54.0	54.0	7.0	7.0
95	22.67784	20.78181	18.83681	16.72692	15.02841	12.33990	6.67040	5.60106
	54.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0
100	26.10495	24.58971	22.26392	20.28555	18.45552	15.76701	8.01743	6.04532
	54.0	54.0	54.0	54.0	54.0	54.0	27.0	7.0

STATION = 01563500 JUNIATA RIVER AT MAPLETON DEPOT, PA
AVERAGE FLOW (INCH/MONTH) 1.39435
DRAINAGE AREA (SQ MI) 2030.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.03021	0.00000	0.00000	0.00000	0.0000	0.00000	0.00000
	1.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0
10	0.03789	0.02631	0.02249	0.01953	0.11665	0.01397	0.00903	0.00000
	1.0	1.0	0.5	0.5	0.5	0.5	0.5	0.0
20	0.32351	0.30286	0.27492	0.24381	0.21161	0.19608	0.14982	0.08939
	3.0	3.0	3.0	3.0	2.0	2.0	2.0	1.0
30	0.87752	0.84415	0.77494	0.74104	0.71686	0.66689	0.56255	0.34962
	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0
40	1.68891	1.56709	1.47361	1.43548	1.33924	1.28956	1.16622	0.86764
	6.0	6.0	6.0	6.0	5.0	5.0	5.0	4.0
50	2.56793	2.41379	3.31246	2.27209	2.19475	2.12617	1.94106	1.53545
	7.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0
55	3.06495	2.90181	2.80048	2.71891	2.68277	2.56690	2.35937	1.88403
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
60	3.55297	3.38983	3.28850	3.20693	3.17079	3.05492	2.77767	2.26391
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
65	4.04099	3.89725	3.80404	3.69495	3.65881	3.54294	3.21359	2.68222
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
70	4.96613	4.45499	4.36178	4.18298	4.14684	4.03097	3.70162	3.10052
	18.0	8.0	8.0	7.0	7.0	7.0	7.0	6.0
75	6.22105	5.53970	5.33160	4.74042	4.63486	4.51899	4.18964	3.51883
	18.0	18.0	18.0	18.0	7.0	7.0	7.0	6.0
80	8.52874	6.79461	6.58651	5.99533	5.33624	5.00701	4.67766	3.98126
	54.0	18.0	18.0	18.0	18.0	7.0	7.0	6.0
85	12.29348	10.51675	8.87490	7.25025	6.59116	5.73290	5.16568	4.46928
	54.0	54.0	54.0	18.0	18.0	18.0	7.0	7.0
90	16.05823	14028150	12.63965	10.00577	8.47254	7.59458	5.65371	4.95731
	54.0	54.0	54.0	54.0	42.0	42.0	7.0	7.0
95	19.82298	18.06600	16.40440	14.17171	12.03304	10.52272	6.19641	5.44533
	54.0	54.0	54.0	54.0	54.0	42.0	8.0	7.0
100	23.90984	22.24905	20.58195	18.35476	16.21609	13.79158	7.44642	5.93335
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	7.0

STATION = 01565000 KISHACOQUILLAS CREEK AT REEDSVILLE, PA
AVERAGE FLOW (INCH/MONTH) 1.41709
DRAINAGE AREA (SQ MI) 164.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.05300	0.05100	0.04303	0.04003	0.03602	0.03301	0.02449	0.01200
	2.0	2.0	1.0	1.0	1.0	1.0	1.0	0.5
20	0.51054	0.48450	0.44843	0.40836	0.37430	0.35426	0.28673	0.17413
	4.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0
30	1.23438	1.19231	1.13220	1.05369	0.99109	0.96354	0.81891	0.59050
	6.0	6.0	6.0	5.0	5.0	5.0	4.0	4.0
40	2.10949	2.04257	1.98246	1.90131	1.78108	1.73000	1.51961	1.17117
	7.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
50	3.10146	2.99277	2.85251	2.76135	2.63133	2.58025	2.36986	1.87972
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
55	3.59744	3.48875	3.34849	3.25733	3.11356	3.00538	2.79499	2.23399
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
60	4.09342	3.98473	3.84447	3.75331	3.60954	3.43773	3.22011	2.62203
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
65	4.59309	4.48071	4.34045	4.24929	4.10552	3.93371	3.64524	3.04716
	18.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
70	6.21514	5.27401	4.97210	4.74527	4.60150	4.42969	4.09309	3.47229
	30.0	18.0	18.0	7.0	7.0	7.0	7.0	6.0
75	8.34078	6.55693	6.24749	5.33182	5.09748	4.92567	4.58907	3.89742
	30.0	30.0	18.0	18.0	7.0	7.0	7.0	6.0
80	10.76333	9.03148	7.52287	6.60720	5.74774	5.42165	5.08505	4.36975
	54.0	54.0	18.0	18.0	18.0	7.0	7.0	7.0
85	14.58947	12.85762	11.16263	8.25424	7.02312	6.15447	5.58104	4.86574
	54.0	54.0	54.0	54.0	18.0	18.0	7.0	7.0
90	18.41561	16.77495	14.98877	12.38006	9.63915	7.69977	6.08760	5.36172
	54.0	54.0	54.0	54.0	54.0	30.0	8.0	7.0
95	22.53460	21.02622	19.19458	16.63133	13.46530	10.95520	6.83071	5.85770
	60.0	60.0	60.0	60.0	54.0	48.0	18.0	7.0
100	26.78587	25.27749	23.44585	20.88260	17.58502	14.35622	8.10609	6.35368
	60.0	60.0	60.0	60.0	60.0	48.0	18.0	7.0

STATION = 01566000 TUSCARORA CREEK NEAR PORT ROYAL, PA
AVERAGE FLOW (INCH/MONTH) 1.37816
DRAINAGE AREA (SQ MI) 214.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.02359	0.01920	0.01789	0.01550	0.01331	0.01200	0.00590	0.00000
	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.0
10	0.09957	0.08649	0.07768	0.07245	0.06547	0.06068	0.04891	0.02947
	2.0	2.0	1.0	1.0	1.0	1.0	1.0	0.5
20	0.55167	0.52203	0.48891	0.42093	0.37061	0.34838	0.26973	0.17908
	4.0	4.0	4.0	4.0	3.0	3.0	2.0	2.0
30	1.23919	1.09756	1.06488	0.99950	0.92759	0.88401	0.76474	0.51994
	5.0	5.0	5.0	5.0	5.0	5.0	4.0	3.0
40	2.03937	1.91253	1.82100	1.70990	1.66283	1.61053	1.43146	1.12421
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	5.0
50	2.96265	2.87724	2.78571	2.63318	2.52946	2.47454	2.25702	1.81329
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
55	3.44501	3.35960	3.26807	3.11554	3.01182	2.95690	2.67047	2.16841
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
60	4.22837	3.95673	3.75042	3.59789	3.49417	3.43925	3.14334	2.58186
	18.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
65	5.65704	5.19707	4.42631	4.10182	3.97653	3.92161	3.62570	2.99530
	27.0	18.0	18.0	8.0	7.0	7.0	7.0	6.0
70	7.51755	6.57841	5.66666	5.16507	4.47528	4.40396	4.10805	3.46131
	27.0	27.0	18.0	18.0	8.0	7.0	7.0	7.0
75	10.60292	10.09817	6.98594	6.40541	5.59994	5.17040	4.59041	3.94367
	54.0	54.0	27.0	18.0	18.0	18.0	7.0	7.0
80	14.32395	13.81920	10.65765	7.64575	6.84028	6.41074	5.07277	4.42603
	54.0	54.0	54.0	18.0	18.0	18.0	7.0	7.0
85	18.04498	17.54023	14.37868	11.74703	9.56002	8.05805	5.57472	4.90838
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	7.0
90	21.76602	21.26127	18.09972	15.88151	13.69450	12.19253	6.67860	5.39074
	54.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0
95	25.48705	24.98230	21.82075	20.01599	17.82898	16.32701	8.20251	5.87309
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
100	29.58916	28.70333	25.83402	24.15047	21.96346	20.46149	10.26975	6.35545
	60.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0

STATION = 01566500 COCOLAMUS CREEK NEAR MILLERSTOWN, PA
AVERAGE FLOW (INCH/MONTH) 1.51726
DRAINAGE AREA (SQ MI) 57.2

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.04325	0.03021	0.02531	0.02042	0.01837	0.01673	0.01266	0.00288
	1.0	1.0	1.0	1.0	0.5	0.5	0.5	0.5
10	0.17953	0.16322	0.14692	0.12736	0.11105	0.10127	0.07347	0.04086
	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0
20	0.71162	0.66596	0.62684	0.57466	0.52901	0.50293	0.42611	0.25797
	4.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0
30	1.52778	1.40060	1.33021	1.26500	1.22424	1.19163	1.01227	0.73156
	6.0	6.0	5.0	5.0	5.0	5.0	5.0	4.0
40	2.43813	2.31095	2.18377	2.11529	2.00768	1.95877	1.77090	1.35513
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	5.0
50	3.45004	3.24460	3.18754	3.02565	2.92502	2.86913	2.66369	2.11584
	7.0	7.0	7.0	6.0	6.0	6.0	6.0	6.0
55	3.98108	3.77564	3.71858	3.54737	3.45606	3.35334	3.11887	2.57102
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
60	4.51756	4.30668	4.24962	4.07841	3.98710	3.88438	3.63329	3.02620
	8.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
65	5.44535	5.24923	4.78066	4.60945	4.51814	4.41542	4.16433	3.48137
	30.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
70	7.76006	6.61477	5.81480	5.14441	5.04918	4.94646	4.69537	3.93655
	54.0	18.0	18.0	8.0	7.0	7.0	7.0	6.0
75	11.85666	9.69161	7.83907	6.31567	5.59478	5.47750	5.22641	4.39173
	54.0	54.0	54.0	30.0	8.0	7.0	7.0	6.0
80	15.95326	13.78821	11.93567	8.95256	7.40961	6.25828	5.75746	4.86722
	54.0	54.0	54.0	54.0	30.0	30.0	7.0	7.0
85	20.04986	17.88481	16.03227	13.04916	10.42884	8.58335	6.28850	5.39826
	54.0	54.0	54.0	54.0	54.0	48.0	7.0	7.0
90	24.14647	22.00223	20.12888	17.14577	14.98062	12.22477	6.81954	5.92930
	54.0	54.0	54.0	54.0	54.0	48.0	7.0	7.0
95	28.24307	26.55401	24.53365	21.54303	19.53240	15.86620	9.00764	6.46034
	54.0	54.0	54.0	54.0	54.0	48.0	30.0	7.0
100	32.54364	31.10579	29.08543	26.09481	24.08418	19.84957	11.28353	6.99138
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	7.0

STATION = 01567000 JUNIATA RIVER AT NEWPORT, PA
AVERAGE FLOW (INCH/MONTH) 1.44036
DRAINAGE AREA (SQ MI) 3354.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.04841	0.03844	0.03469	0.03133	0.02394	0.02216	0.01615	0.00319
	1.0	1.0	1.0	1.0	0.5	0.5	0.5	0.5
20	0.40359	0.35834	0.33237	0.31130	0.27611	0.25720	0.19471	0.11142
	4.0	3.0	3.0	3.0	3.0	3.0	2.0	1.0
30	1.00850	0.93138	0.89506	0.84861	0.79549	0.75366	0.65694	0.41567
	6.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0
40	1.87600	1.78639	1.71587	1.61156	1.53035	1.48214	1.29585	0.96080
	7.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
50	2.88425	2.73182	2.66655	2.56746	2.39457	2.34636	2.16007	1.68098
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
55	3.38838	3.23595	3.17068	3.07159	2.89674	2.84520	2.59218	2.06274
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
60	3.90178	3.79205	3.67480	3.57571	3.40086	3.34932	3.02429	2.49485
	8.0	8.0	7.0	7.0	7.0	7.0	6.0	6.0
65	4.92776	4.36819	4.19212	4.07984	3.90499	3.85345	3.50410	2.92695
	18.0	8.0	8.0	7.0	7.0	7.0	7.0	6.0
70	6.22409	5.49123	4.99010	4.63643	4.45354	4.35757	4.00822	3.35906
	18.0	18.0	18.0	8.0	8.0	7.0	7.0	6.0
75	7.52041	6.78755	6.28642	5.21257	5.02968	4.86170	4.51235	3.79522
	18.0	18.0	18.0	8.0	8.0	7.0	7.0	7.0
80	9.83353	8.08387	7.58274	6.23207	5.78794	5.40619	5.01648	4.29935
	60.0	18.0	18.0	18.0	18.0	8.0	7.0	7.0
85	14.15461	11.67884	9.49491	8.02472	7.08427	6.40620	5.55354	4.80347
	60.0	54.0	54.0	42.0	18.0	18.0	8.0	7.0
90	18.47569	15.56782	13.81599	11.10286	9.38356	7.76023	6.12968	5.30760
	60.0	54.0	54.0	48.0	42.0	30.0	8.0	7.0
95	22.79677	19.50172	18.13707	14.75867	12.73166	10.62498	6.70583	5.81172
	60.0	60.0	60.0	60.0	54.0	42.0	8.0	7.0
100	27.11785	23.82280	22.45815	19.07975	16.62063	14.06253	7.95753	6.37146
	60.0	60.0	60.0	60.0	54.0	54.0	30.0	8.0

STATION = 01567500 BIXLER RUN NEAR LOYSVILLE, PA
AVERAGE FLOW (INCH/MONTH) 1.42387
DRAINAGE AREA (SQ MI) 15.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.00901	0.00901	0.00619	0.00336	0.00336	0.00054	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0
20	0.27778	0.24387	0.22691	0.19650	0.17389	0.16259	0.12868	0.08128
	3.0	3.0	3.0	2.0	2.0	2.0	2.0	1.0
30	0.92055	0.86403	0.80750	0.75098	0.69446	0.66620	0.55557	0.38276
	5.0	5.0	5.0	5.0	5.0	5.0	4.0	3.0
40	1.75552	1.65377	1.58594	1.55203	1.48419	1.38245	1.20857	0.92163
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	4.0
50	2.64914	2.57001	2.49087	2.40635	2.33851	2.23677	2.03329	1.60962
	7.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0
55	3.14749	3.06836	2.98922	2.87054	2.76567	2.67269	2.46045	2.01957
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	6.0
60	4.54425	3.56671	3.48757	3.36889	3.25019	3.17104	2.93366	2.44673
	30.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
65	6.90164	5.62713	5.27497	4.34251	3.74855	3.66940	3.43202	2.87389
	54.0	30.0	30.0	30.0	7.0	7.0	7.0	6.0
70	10.74609	8.77863	7.41078	6.47832	5.17649	4.20662	3.93037	3.30105
	54.0	54.0	30.0	30.0	30.0	18.0	7.0	6.0
75	14.59053	12.62308	11.23177	10.07701	8.31749	7.08787	4.42873	3.75609
	54.0	54.0	54.0	54.0	54.0	54.0	7.0	7.0
80	18.43938	16.79493	15.50338	13.92146	12.34372	11.35948	5.80847	4.25444
	60.0	60.0	60.0	54.0	54.0	54.0	27.0	7.0
85	22.71099	21.06654	19.77499	17.84653	16.61533	15.63109	7.74413	4.75280
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0
90	26.98260	25.33815	24.04660	22.11814	20.88694	19.90270	9.87994	5.25115
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0
95	31.25421	29.60976	28.31821	26.38975	25.15855	24.17431	12.01575	5.80216
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	8.0
100	35.52582	33.88137	32.58982	30.66136	29.43016	28.44592	14.15155	6.37171
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	8.0

STATION = 01568000 SHERMAN CREEK AT SHERMANS DALE, PA
AVERAGE FLOW (INCH/MONTH) 1.62355
DRAINAGE AREA (SQ MI) 207.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00725	0.00584	0.00305	0.00212	0.00002	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.5	0.0	0.0	0.0
10	0.11394	0.09248	0.07663	0.06443	0.05651	0.04998	0.04065	0.02405
	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.5
20	0.59937	0.56392	0.53222	0.48186	0.43554	0.41657	0.33621	0.20828
	4.0	4.0	4.0	4.0	3.0	3.0	3.0	2.0
30	1.39077	1.31919	1.26487	1.21125	1.13897	1.11098	0.94077	0.70040
	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.0
40	2.34928	2.29332	2.19539	2.15064	2.04711	1.96038	1.75255	1.37251
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	5.0
50	3.43012	3.26745	3.18530	3.12477	3.02124	2.93451	2.63513	2.18429
	7.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
55	3.99836	3.78619	3.75354	3.61184	3.50831	3.42158	3.12220	2.59017
	7.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0
60	4.56660	4.35443	4.32178	4.10308	4.02475	3.94641	3.62325	3.06367
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
65	6.24428	4.92267	4.89002	4.67132	4.59299	4.51465	4.19149	3.55074
	30.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
70	8.67960	7.19234	6.44831	5.23957	5.16124	5.08290	4.75974	4.03780
	30.0	30.0	30.0	7.0	7.0	7.0	7.0	6.0
75	12.96367	10.42425	8.88363	7.43574	5.92679	5.65114	5.32798	4.56415
	54.0	54.0	30.0	30.0	30.0	7.0	7.0	7.0
80	17.34726	14.80784	12.88364	11.53436	8.36211	6.98989	5.89622	5.13239
	54.0	54.0	54.0	54.0	30.0	30.0	7.0	7.0
85	21.73085	19.43310	17.26723	15.91795	12.36009	10.75556	6.46446	5.70063
	54.0	54.0	54.0	54.0	54.0	54.0	7.0	7.0
90	26.11443	24.30375	22.10165	20.30153	16.76551	15.13914	8.18927	6.26888
	54.0	54.0	54.0	54.0	54.0	54.0	27.0	7.0
95	30.69327	29.17440	26.97230	24.81144	21.63616	19.52273	10.38107	6.83712
	60.0	60.0	60.0	60.0	60.0	54.0	27.0	7.0
100	35.56392	34.04505	31.84295	29.68209	26.50681	23.90631	12.62238	7.40536
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	7.0

STATION = 01569000 STONY CREEK NEAR DAUPHIN, PA
AVERAGE FLOW (INCH/MONTH) 2.05459
DRAINAGE AREA (SQ MI) 33.2

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00922	0.00641	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
10	0.07062	0.05778	0.04796	0.04655	0.04374	0.03952	0.02829	0.00159
	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5
20	0.48270	0.39000	0.34990	0.32743	0.29934	0.27687	0.20945	0.13281
	3.0	3.0	2.0	2.0	2.0	2.0	2.0	1.0
30	1.24073	1.16207	1.09465	1.02724	0.93735	0.89239	0.71143	0.45743
	4.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0
40	2.22706	2.15683	2.01638	1.87592	1.77760	1.71422	1.38837	0.99072
	5.0	5.0	5.0	5.0	5.0	4.0	4.0	3.0
50	3.38272	3.28160	3.16362	2.90322	2.80490	2.66444	2.32734	1.77198
	6.0	6.0	6.0	5.0	5.0	5.0	5.0	4.0
55	4.07571	3.89798	3.78000	3.49347	3.31854	3.17808	2.84098	2.19489
	7.0	6.0	6.0	6.0	5.0	5.0	5.0	5.0
60	4.79482	4.51435	4.39637	4.10984	3.83219	3.72217	3.35463	2.70854
	7.0	6.0	6.0	6.0	5.0	5.0	5.0	5.0
65	5.51392	5.14030	5.01275	4.72622	4.42283	4.33855	3.95089	3.22219
	7.0	7.0	6.0	6.0	6.0	6.0	6.0	5.0
70	6.41718	5.89933	5.66277	5.42681	5.05318	4.95493	4.56727	3.73584
	18.0	18.0	7.0	7.0	7.0	6.0	6.0	5.0
75	10.48475	8.20527	7.14404	6.37058	5.77229	5.67398	5.18365	4.30720
	54.0	27.0	18.0	18.0	7.0	7.0	6.0	6.0
80	16.03214	12.37989	11.11104	8.31818	7.34962	6.58833	5.86215	4.92358
	54.0	54.0	54.0	54.0	18.0	18.0	7.0	6.0
85	21.57953	17.92728	16.65843	13.86557	9.35850	8.43746	6.58126	5.53996
	54.0	54.0	54.0	54.0	54.0	18.0	7.0	6.0
90	27.12692	23.47467	22.20582	19.41296	15.52227	13.62997	7.33322	6.15634
	54.0	54.0	54.0	54.0	54.0	54.0	18.0	6.0
95	32.67432	29.49058	27.75322	24.96036	21.68604	19.79374	9.25792	6.77271
	54.0	54.0	54.0	54.0	54.0	54.0	24.0	6.0
100	38.74281	35.65435	33.30061	30.50775	27.84981	25.95751	11.72343	7.38909
	60.0	60.0	54.0	54.0	54.0	54.0	24.0	6.0

STATION = 01571500 YELLOW BREECHES CREEK NEAR CAMP HILL, PA
AVERAGE FLOW (INCH/MONTH) 1.51332
DRAINAGE AREA (SQ MI) 216.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.00049	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.19091	0.17426	0.15304	0.13413	0.13262	0.13110	0.12542	0.08032
	3.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0
40	0.81332	0.69394	0.65415	0.61731	0.55364	0.50665	0.39703	0.23165
	5.0	5.0	5.0	4.0	4.0	4.0	3.0	1.0
50	1.64977	1.60637	1.50291	1.36552	1.27911	1.21374	1.01286	0.64051
	6.0	6.0	6.0	6.0	6.0	5.0	5.0	4.0
55	2.17848	2.13603	2.03257	1.88135	1.73311	1.64898	1.42613	0.96105
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
60	2.75849	2.66569	2.56223	2.41101	2.18710	2.10297	1.88012	1.33938
	8.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
65	3.72199	3.21221	3.09190	2.94068	2.68600	2.56131	2.33412	1.77019
	18.0	8.0	7.0	7.0	7.0	7.0	6.0	6.0
70	5.08398	4.33096	3.62156	3.47034	3.21566	3.09097	2.78811	2.22418
	18.0	18.0	7.0	7.0	7.0	7.0	6.0	6.0
75	7.74179	5.69295	4.94577	4.00000	3.74532	3.62063	3.24211	2.67818
	42.0	18.0	18.0	7.0	7.0	7.0	6.0	6.0
80	10.91976	7.24443	6.30776	5.54964	4.27498	4.15029	3.76296	3.13218
	42.0	42.0	18.0	18.0	7.0	7.0	7.0	6.0
85	15.10819	11.78439	10.23519	7.27158	5.54469	4.78352	4.29262	3.58617
	60.0	60.0	60.0	42.0	24.0	16.0	7.0	6.0
90	19.64815	16.32435	14.77515	11.51147	8.68777	7.60057	4.82229	4.04017
	60.0	60.0	60.0	60.0	60.0	48.0	7.0	6.0
95	24.18811	20.86431	19.31511	16.05143	13.22773	11.23254	5.77739	4.51628
	60.0	60.0	60.0	60.0	60.0	48.0	30.0	7.0
100	28.72807	25.40427	23.85507	20.59139	17.76769	15.15218	8.04737	5.04594
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	7.0

STATION = 01573500 MANADA CREEK AT MANADA GAP, PA
AVERAGE FLOW (INCH/MONTH) 1.95983
DRAINAGE AREA(SQ MI) 13.5

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.02136	0.01445	0.01100	0.00755	0.00410	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.5	0.0	0.0	0.0
10	0.09235	0.08544	0.07163	0.06473	0.05309	0.04618	0.03236	0.00818
	1.0	1.0	1.0	1.0	0.5	0.5	0.5	0.5
20	0.54542	0.49196	0.45052	0.38835	0.32798	0.31416	0.24508	0.14327
	4.0	3.0	3.0	3.0	2.0	2.0	2.0	1.0
30	1.32936	1.21883	1.13593	1.05303	0.97012	0.94248	0.76904	0.48506
	4.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0
40	2.26164	2.12348	1.98531	1.91623	1.84715	1.77806	1.53298	1.14612
	5.0	5.0	5.0	5.0	5.0	5.0	4.0	4.0
50	3.37758	3.18415	3.03907	2.89615	2.82707	2.75798	2.48164	1.93005
	7.0	7.0	7.0	5.0	5.0	5.0	5.0	4.0
55	4.06352	3.87009	3.72501	3.53158	3.40012	3.27576	2.98561	2.38438
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
60	4.76474	4.55603	4.41095	4.21752	3.98807	3.86371	3.57356	2.87434
	8.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
65	5.56462	5.24197	5.09689	4.90346	4.66167	4.51658	4.16151	3.37396
	18.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
70	7.32847	6.54109	5.84331	5.58940	5.34761	5.20252	4.81566	3.96191
	18.0	18.0	18.0	7.0	7.0	7.0	7.0	6.0
75	9.90980	9.18686	7.60716	6.80298	6.03355	5.88846	5.50160	4.54986
	27.0	27.0	18.0	18.0	7.0	7.0	7.0	6.0
80	14.36941	11.89604	10.73089	8.56682	7.60405	6.57440	6.18754	5.17200
	54.0	54.0	54.0	18.0	18.0	7.0	7.0	7.0
85	19.66095	17.18758	16.02243	13.25723	10.78164	9.30056	6.87348	5.85794
	54.0	54.0	54.0	54.0	54.0	54.0	7.0	7.0
90	24.95249	22.70108	21.49768	19.13672	16.66113	14.59210	7.68105	6.54388
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
95	30.78595	28.58057	27.37717	25.01621	22.54062	20.38936	10.62080	7.22982
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0
100	36.66544	34.46006	33.25666	30.89570	28.42011	26.26885	13.56054	7.91576
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0

STATION = 01574000 WEST CONEWAGO CREEK NEAR MANCHESTER, PA
AVERAGE FLOW (INCH/MONTH) 1.29899
DRAINAGE AREA (SQ MI) 510.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.03702	0.03303	0.02489	0.02339	0.02056	0.01684	0.01452	0.00837
	1.0	1.0	1.0	1.0	1.0	0.5	0.5	0.5
10	0.16372	0.15207	0.13944	0.12780	0.11185	0.10453	0.07427	0.04712
	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0
20	0.73388	0.67557	0.64731	0.60408	0.58414	0.54756	0.47064	0.32354
	6.0	5.0	5.0	5.0	5.0	5.0	4.0	3.0
30	1.54205	1.48038	1.42103	1.37798	1.30583	1.25992	1.11030	0.87205
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
40	2.45134	2.38967	2.33032	2.28727	2.21512	2.14878	1.90557	1.59145
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
50	3.37525	3.31673	3.23962	3.19657	3.12442	3.05808	2.81487	2.37084
	8.0	8.0	7.0	7.0	7.0	7.0	7.0	6.0
55	4.49041	3.83633	3.71797	3.67408	3.58630	3.51272	3.26951	2.78307
	18.0	8.0	8.0	8.0	8.0	7.0	7.0	7.0
60	5.82301	4.85209	4.25219	4.19367	4.10589	4.01147	3.73483	3.23772
	30.0	30.0	18.0	8.0	8.0	8.0	8.0	7.0
65	8.12343	6.80058	6.00936	4.71327	4.62549	4.53107	4.25443	3.69236
	54.0	30.0	30.0	8.0	8.0	8.0	8.0	7.0
70	11.63070	10.06487	7.97068	7.04283	5.54537	5.05066	4.77402	4.14701
	54.0	54.0	54.0	54.0	30.0	8.0	8.0	7.0
75	15.13797	13.57214	11.86765	10.55010	8.87145	7.68054	5.29362	4.61668
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	8.0
80	18.64525	17.07942	15.76462	14.05738	12.76842	11.57751	5.81322	5.13628
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	8.0
85	22.27363	20.58669	19.66159	17.93208	16.66539	15.47448	7.71856	5.65587
	60.0	54.0	54.0	54.0	54.0	54.0	30.0	8.0
90	26.17060	24.47696	23.55856	21.82905	20.56236	19.37145	9.66705	6.17547
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	8.0
95	30.06757	28.37393	27.45553	25.72602	24.45933	23.26842	11.61554	6.69506
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	8.0
100	33.96454	32.27090	31.35250	29.62299	28.35630	27.16539	13.56402	7.21466
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	8.0

STATION = 01601000 WILLS CREEK BELOW HYNDMAN, PA
AVERAGE FLOW (INCH/MONTH) 1.40206
DRAINAGE AREA (SQ MI) 146.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00446	0.00383	0.00318	0.00255	0.00223	0.00191	0.00031	0.00000
	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.0
5	0.12231	0.10893	0.09171	0.08155	0.07517	0.07007	0.05732	0.03566
	3.0	3.0	3.0	2.0	2.0	2.0	2.0	1.0
10	0.39249	0.37463	0.35678	0.32873	0.29812	0.28282	0.23507	0.16054
	4.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0
20	1.13156	1.09331	1.01311	0.99080	0.95573	0.93341	0.83458	0.63706
	6.0	6.0	5.0	5.0	5.0	5.0	5.0	4.0
30	2.00257	1.93455	1.84656	1.80830	1.78152	1.73944	1.60171	1.29331
	7.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
40	2.98401	2.89027	2.78762	2.70282	2.62275	2.58231	2.44294	2.10628
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	6.0
50	3.96545	3.87171	3.76906	3.68426	3.59498	3.56375	3.30934	2.94752
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
55	4.53724	4.36243	4.25978	4.17498	4.08570	4.05447	3.80006	3.36814
	18.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
60	5.79910	5.05901	4.75050	4.66570	4.57642	4.54519	4.29078	3.78876
	18.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
65	7.06095	6.32086	5.58988	5.15642	5.06714	5.03591	4.78150	4.27267
	18.0	18.0	18.0	7.0	7.0	7.0	7.0	7.0
70	8.56775	7.58272	6.85174	6.36060	5.58161	5.52663	5.27222	4.76339
	27.0	18.0	18.0	18.0	8.0	7.0	7.0	7.0
75	12.14388	9.65979	8.11359	7.62245	6.78683	6.07101	5.76294	5.25411
	54.0	54.0	18.0	18.0	18.0	8.0	7.0	7.0
80	15.92944	13.44535	9.37544	8.88430	8.04868	7.20730	6.25367	5.74484
	54.0	54.0	18.0	18.0	18.0	18.0	7.0	7.0
85	19.71500	17.23091	12.99436	10.14616	9.31054	8.46916	6.76928	6.23556
	54.0	54.0	54.0	18.0	18.0	18.0	8.0	7.0
90	23.50057	21.01648	16.77993	13.09737	10.57239	9.73101	7.33010	6.72628
	54.0	54.0	54.0	54.0	18.0	18.0	8.0	7.0
95	27.28613	24.80204	20.56549	16.88371	14.06863	11.29451	8.44792	7.21700
	54.0	54.0	54.0	54.0	54.0	42.0	18.0	7.0
100	31.07169	28.58760	24.35105	21.08989	17.85419	14.24165	9.70977	7.70772
	54.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0

STATION = 01603500 EVITTS CREEK NEAR CENTERVILLE, PA
AVERAGE FLOW (INCH/MONTH) 1.21220
DRAINAGE AREA (SQ MI) 30.2

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00869	0.00715	0.00406	0.00406	0.00251	0.00096	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0
10	0.06949	0.05715	0.05097	0.05019	0.04710	0.04093	0.03475	0.01892
	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.5
20	0.46330	0.42624	0.37682	0.35212	0.32895	0.30271	0.25482	0.16371
	4.0	4.0	4.0	4.0	3.0	3.0	3.0	2.0
30	1.10728	0.99993	0.94051	0.90728	0.87641	0.84553	0.72199	0.49804
	6.0	5.0	5.0	5.0	5.0	5.0	5.0	3.0
40	1.83460	1.70489	1.66783	1.61223	1.53813	1.50106	1.32809	1.03472
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	5.0
50	2.69942	2.60060	2.47707	2.34038	2.29715	2.23229	2.04310	1.64082
	8.0	8.0	8.0	7.0	7.0	7.0	6.0	5.0
55	3.18430	3.08548	2.96195	2.76465	2.72142	2.65656	2.40676	1.99912
	8.0	8.0	8.0	7.0	7.0	7.0	6.0	6.0
60	3.83698	3.57036	3.44683	3.22449	3.14569	3.08083	2.79981	2.36278
	18.0	8.0	8.0	8.0	7.0	7.0	7.0	6.0
65	4.95398	4.39694	3.94596	3.70937	3.56996	3.50510	3.22408	2.72644
	27.0	18.0	18.0	8.0	7.0	7.0	7.0	6.0
70	6.59045	5.48792	5.03694	4.38067	3.99660	3.92937	3.64835	3.09010
	27.0	18.0	18.0	18.0	8.0	7.0	7.0	6.0
75	9.05362	6.96045	6.12792	5.47165	4.55942	4.35795	4.07262	3.46733
	54.0	27.0	18.0	18.0	18.0	8.0	7.0	7.0
80	12.32656	9.36620	7.52925	6.56263	5.65040	5.06524	4.49689	3.89160
	54.0	54.0	54.0	18.0	18.0	18.0	7.0	7.0
85	15.59950	12.63914	11.16585	9.07438	7.08733	6.15622	4.92116	4.31587
	54.0	54.0	54.0	54.0	42.0	18.0	7.0	7.0
90	18.87244	15.91208	14.80245	12.36994	9.77417	8.53081	5.36789	4.74014
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	7.0
95	22.14538	19.46250	18.43905	16.00654	13.40449	11.80679	6.35767	5.16441
	54.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0
100	25.41832	23.09910	22.07565	19.64314	17.04109	15.44339	8.01263	5.58868
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0

STATION = 03007800 ALLEGHENY RIVER AT PORT ALLEGANY, PA
AVERAGE FLOW (INCH/MONTH) 2.10595
DRAINAGE AREA (SQ MI) 248.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.05176	0.04101	0.03886	0.03432	0.03002	0.02552	0.02051	0.01130
	1.0	1.0	1.0	1.0	1.0	0.5	0.5	0.5
10	0.28119	0.25896	0.21470	0.18794	0.17695	0.16738	0.11834	0.09731
	3.0	3.0	2.0	2.0	2.0	2.0	1.0	1.0
20	1.09877	1.07199	1.04523	0.96015	0.88654	0.82059	0.64851	0.42988
	4.0	4.0	4.0	4.0	4.0	4.0	4.0	2.0
30	2.11588	1.96878	1.88761	1.80253	1.72892	1.66297	1.49089	1.02640
	6.0	5.0	4.0	4.0	4.0	4.0	4.0	3.0
40	3.37945	3.04248	2.87472	2.66679	2.57130	2.50535	2.33327	1.83713
	6.0	6.0	6.0	6.0	4.0	4.0	4.0	4.0
50	4.65235	4.30605	4.13829	3.93036	3.65505	3.49732	3.17565	2.67951
	7.0	6.0	6.0	6.0	6.0	6.0	4.0	4.0
55	5.38943	4.93783	4.77007	4.56214	4.28683	4.12910	3.59684	3.10070
	7.0	6.0	6.0	6.0	6.0	6.0	4.0	4.0
60	6.62691	5.56962	5.40186	5.19393	4.91862	4.76089	4.10701	3.52189
	21.0	6.0	6.0	6.0	6.0	6.0	6.0	4.0
65	8.83816	6.43483	6.03365	5.82572	5.55041	5.39268	4.73880	3.94308
	21.0	18.0	6.0	6.0	6.0	6.0	6.0	4.0
70	11.04941	8.33019	7.10689	6.45750	6.18219	6.02446	5.37058	4.36427
	21.0	18.0	14.0	6.0	6.0	6.0	6.0	4.0
75	13.26065	10.22554	8.98505	7.48225	6.81398	6.65625	6.00237	4.78546
	21.0	18.0	18.0	18.0	6.0	6.0	6.0	4.0
80	16.50640	13.30965	11.32743	9.37761	8.01058	7.28803	6.63415	5.27623
	60.0	30.0	30.0	18.0	18.0	6.0	6.0	6.0
85	22.82425	18.54471	15.98964	12.50863	10.00672	8.82503	7.26593	5.90801
	60.0	60.0	54.0	54.0	30.0	30.0	6.0	6.0
90	29.14210	24.86256	21.67570	18.71921	14.34440	11.98396	7.89772	6.53980
	60.0	60.0	54.0	54.0	54.0	30.0	6.0	6.0
95	35.45995	31.18041	27.65354	25.03706	20.66225	16.91389	8.71558	7.17159
	60.0	60.0	60.0	60.0	60.0	60.0	16.0	6.0
100	41.77780	37.49826	33.97139	31.35491	26.98010	23.23174	11.45292	7.80337
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	6.0

STATION = 03008000 NEWELL CREEK NEAR PORT ALLEGANY, PA
AVERAGE FLOW (INCH/MONTH) 1.80478
DRAINAGE AREA (SQ MI) 7.8

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.01087	0.01087	0.01087	0.01087	0.00543	0.00543	0.00543	0.00184
	1.0	1.0	1.0	1.0	0.5	0.5	0.5	0.5
5	0.18458	0.14151	0.11997	0.10870	0.09434	0.07998	0.07589	0.06870
	3.0	3.0	3.0	2.0	2.0	2.0	1.0	1.0
10	0.49220	0.46348	0.43477	0.34863	0.31992	0.30454	0.23175	0.15894
	4.0	4.0	4.0	4.0	4.0	3.0	2.0	1.0
20	1.21411	1.18539	1.15668	1.07054	1.04183	0.98440	0.81211	0.49220
	4.0	4.0	4.0	4.0	4.0	4.0	4.0	2.0
30	2.09700	1.90731	1.87860	1.79246	1.76375	1.70632	1.53403	1.04589
	5.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
40	2.99939	2.86706	2.69478	2.56556	2.48566	2.42823	2.25594	1.76780
	5.0	5.0	5.0	5.0	4.0	4.0	4.0	4.0
50	4.15601	3.94993	3.77765	3.64843	3.34694	3.21773	2.97785	2.48971
	7.0	6.0	6.0	6.0	6.0	6.0	4.0	4.0
55	4.78768	4.49136	4.31908	4.18986	3.88837	3.75916	3.33881	2.85067
	7.0	6.0	6.0	6.0	6.0	6.0	4.0	4.0
60	5.45525	5.03280	4.86052	4.73130	4.42981	4.30060	3.69976	3.21162
	18.0	6.0	6.0	6.0	6.0	6.0	4.0	4.0
65	7.07956	5.70115	5.48580	5.27273	4.97124	4.84203	4.15289	3.57258
	18.0	10.0	10.0	6.0	6.0	6.0	6.0	4.0
70	8.70386	6.82465	6.38819	6.10105	5.52678	5.38347	4.69433	3.93353
	18.0	18.0	10.0	10.0	10.0	6.0	6.0	4.0
75	10.59312	8.71967	7.29058	7.00344	6.42917	6.21380	5.35239	4.29449
	21.0	21.0	10.0	10.0	10.0	10.0	10.0	4.0
80	13.07422	10.61468	9.15510	7.97076	7.33156	7.11619	6.25478	4.65545
	48.0	21.0	21.0	21.0	10.0	10.0	10.0	4.0
85	18.30407	14.30977	12.36276	10.67313	8.77870	8.01858	7.15717	5.02652
	60.0	42.0	42.0	42.0	36.0	10.0	10.0	6.0
90	23.71841	19.69418	17.07337	16.08747	12.96206	9.92673	8.05956	5.76245
	60.0	60.0	60.0	60.0	60.0	36.0	10.0	10.0
95	29.13275	25.10852	22.48771	21.50181	18.37640	14.78100	8.96195	6.66484
	60.0	60.0	60.0	60.0	60.0	60.0	10.0	10.0
100	34.54709	30.52286	27.90205	26.91615	23.79074	20.19534	10.27486	7.56723
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	10.0

STATION = 03009680 POTATO CREEK AT SMETHPORT, PA
AVERAGE FLOW (INCH/MONTH) 2.15352
DRAINAGE AREA (SQ MI) 160.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.02922	0.02311	0.02079	0.02002	0.01848	0.01713	0.01288	0.00399
	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5
10	0.19851	0.18489	0.17098	0.14856	0.13156	0.12228	0.10442	0.06346
	3.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0
20	0.98539	0.94984	0.92974	0.85244	0.75505	0.70867	0.56048	0.38138
	4.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0
30	1.99351	1.81124	1.79114	1.71384	1.61645	1.57007	1.38918	0.97116
	5.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0
40	3.07027	2.78920	2.70109	2.57525	2.47786	2.43148	2.25059	1.81927
	5.0	5.0	5.0	4.0	4.0	4.0	4.0	4.0
50	4.37466	4.08131	3.99320	3.83551	3.60361	3.38099	3.11200	2.68068
	7.0	6.0	6.0	6.0	6.0	6.0	4.0	4.0
55	5.12839	4.72737	4.63926	4.48157	4.24967	4.02705	3.54270	3.11138
	7.0	6.0	6.0	6.0	6.0	6.0	4.0	4.0
60	6.29096	5.37342	5.28531	5.12762	4.89572	4.67310	4.07713	3.54209
	18.0	6.0	6.0	6.0	6.0	6.0	6.0	4.0
65	8.22912	6.08115	5.93137	5.77368	5.54178	5.31916	4.72319	3.97279
	18.0	8.0	6.0	6.0	6.0	6.0	6.0	4.0
70	10.16729	8.11108	6.70751	6.41973	6.18783	5.96521	5.36924	4.40350
	18.0	18.0	18.0	6.0	6.0	6.0	6.0	4.0
75	12.10546	10.37228	8.96871	7.66747	6.83389	6.61127	6.01530	4.83420
	18.0	18.0	18.0	18.0	6.0	6.0	6.0	4.0
80	15.08518	12.96785	11.28966	9.60564	8.09232	7.25733	6.66136	5.34651
	60.0	30.0	30.0	18.0	18.0	6.0	6.0	6.0
85	21.54574	17.13241	15.17702	12.42001	10.03049	8.17681	7.30741	5.99256
	60.0	54.0	54.0	30.0	18.0	18.0	6.0	6.0
90	28.00630	23.45313	21.63758	17.68472	14.41842	11.88517	7.95347	6.63862
	60.0	60.0	60.0	60.0	60.0	42.0	6.0	6.0
95	34.46686	29.91369	28.09814	24.14528	20.87898	17.88087	9.02184	7.28467
	60.0	60.0	60.0	60.0	60.0	60.0	18.0	6.0
100	40.92742	36.37425	34.55870	30.60584	27.33954	24.34143	11.84812	7.93073
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	6.0

STATION = 03010500 ALLEGHENY RIVER AT ELDRED, PA
AVERAGE FLOW (INCH/MONTH) 1.94779
DRAINAGE AREA (SQ MI) 550.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.07264	0.06796	0.06263	0.05262	0.04869	0.04719	0.04026	0.02269
	2.0	2.0	2.0	2.0	1.0	1.0	1.0	0.5
10	0.41294	0.33195	0.30491	0.29724	0.27933	0.25599	0.19667	0.11964
	4.0	4.0	3.0	3.0	3.0	3.0	2.0	1.0
20	1.19205	1.11106	1.08249	1.04627	1.01685	0.96527	0.85273	0.58711
	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0
30	2.15277	2.06432	1.94124	1.82539	1.79597	1.74439	1.63185	1.26950
	5.0	5.0	5.0	4.0	4.0	4.0	4.0	4.0
40	3.12666	3.03821	2.91513	2.71051	2.57508	2.52350	2.41096	2.04861
	5.0	5.0	5.0	5.0	4.0	4.0	4.0	4.0
50	4.10056	4.01211	3.88903	3.70896	3.56701	3.45794	3.19008	2.82773
	5.0	5.0	5.0	5.0	5.0	5.0	4.0	4.0
55	4.70894	4.53180	4.43206	4.29330	4.15135	3.94801	3.57964	3.21729
	7.0	6.0	6.0	6.0	6.0	6.0	4.0	4.0
60	5.39067	5.12137	5.01639	4.87763	4.73568	4.53234	3.99650	3.60685
	7.0	7.0	6.0	6.0	6.0	6.0	5.0	4.0
65	6.31814	5.80309	5.60073	5.46197	5.32002	5.11668	4.48345	3.99640
	30.0	7.0	6.0	6.0	6.0	6.0	5.0	4.0
70	9.23982	6.77628	6.37064	6.04631	5.90436	5.70102	5.04560	4.38596
	30.0	18.0	10.0	6.0	6.0	6.0	6.0	4.0
75	12.16151	9.58661	7.34454	6.88628	6.48870	6.28536	5.62994	4.77552
	30.0	30.0	10.0	10.0	6.0	6.0	6.0	4.0
80	16.48578	12.50829	9.64183	8.26807	7.40937	7.00855	6.25733	5.16508
	54.0	30.0	30.0	24.0	10.0	8.0	8.0	4.0
85	21.74481	17.55182	14.90086	11.98447	9.27664	8.35713	7.23123	5.56388
	54.0	54.0	54.0	54.0	27.0	27.0	10.0	6.0
90	27.00384	22.81085	20.15989	17.24350	12.46578	10.98665	8.20512	6.14822
	54.0	54.0	54.0	54.0	48.0	27.0	10.0	6.0
95	32.26288	28.06989	25.41893	22.50254	17.63115	15.66556	9.17902	6.78052
	54.0	54.0	54.0	54.0	54.0	54.0	10.0	8.0
100	37.52191	33.72539	30.67796	27.76157	23.47452	21.50893	10.29355	7.55964
	54.0	54.0	54.0	54.0	54.0	54.0	24.0	8.0

STATION = 03010655 OSWAYO CREEK AT SHINGLEHOUSE, PA
AVERAGE FLOW (INCH/MONTH) 1.83331
DRAINAGE AREA (SQ MI) 98.7

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.04252	0.03662	0.03333	0.02744	0.02322	0.02060	0.01535	0.00487
	1.0	1.0	1.0	1.0	0.5	0.5	0.5	0.5
10	0.27188	0.21767	0.18707	0.16610	0.15036	0.14119	0.09747	0.09288
	4.0	3.0	2.0	2.0	2.0	2.0	1.0	1.0
20	1.00521	0.91870	0.86888	0.80596	0.74041	0.69584	0.53958	0.35840
	4.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0
30	1.79373	1.67575	1.60220	1.53928	1.47373	1.42916	1.26399	0.83787
	6.0	6.0	4.0	4.0	4.0	4.0	4.0	3.0
40	2.89371	2.77573	2.51303	2.42782	2.20706	2.16249	1.99732	1.56210
	6.0	6.0	5.0	5.0	4.0	4.0	4.0	4.0
50	4.07664	3.87572	3.56111	3.36054	3.14031	3.01348	2.73064	2.29542
	7.0	6.0	6.0	6.0	6.0	5.0	4.0	4.0
55	4.71829	4.42571	4.11110	3.91053	3.69030	3.47180	3.09730	2.66208
	7.0	6.0	6.0	6.0	6.0	5.0	4.0	4.0
60	5.35995	4.97571	4.66110	4.46053	4.24030	4.01614	3.54668	3.02874
	7.0	6.0	6.0	6.0	6.0	6.0	5.0	4.0
65	6.53604	5.58407	5.21109	5.01056	4.79029	4.56613	4.07060	3.39541
	18.0	7.0	6.0	6.0	6.0	6.0	6.0	4.0
70	8.18602	6.83298	5.99259	5.65222	5.36317	5.11612	4.62059	3.76207
	18.0	18.0	14.0	7.0	7.0	6.0	6.0	4.0
75	10.06075	8.75795	7.40982	6.39347	6.00483	5.69742	5.17059	4.12873
	21.0	21.0	16.0	16.0	7.0	7.0	6.0	4.0
80	14.07770	10.69018	9.70715	8.37585	6.75505	6.34225	5.72058	4.49539
	60.0	48.0	30.0	30.0	21.0	10.0	6.0	4.0
85	19.57763	15.09013	12.91776	11.16696	9.10504	7.53164	6.27057	4.96098
	60.0	48.0	48.0	48.0	36.0	14.0	6.0	6.0
90	25.07756	20.47186	18.41769	16.46320	12.70677	9.79511	6.82056	5.51097
	60.0	60.0	60.0	60.0	60.0	42.0	6.0	6.0
95	30.57749	25.97179	23.91762	21.96313	18.20670	14.96482	7.85664	6.06097
	60.0	60.0	60.0	60.0	60.0	60.0	27.0	6.0
100	36.07742	31.47172	29.	7.46306	23.70663	20.46475	10.33161	6.61096
	60.0	60.0	60.0	60.0	60.0	60.0	27.0	6.0

STATION = 03011800 KINZUA CREEK NEAR GUFFEY, PA
AVERAGE FLOW (INCH/MONTH) 1.90145
DRAINAGE AREA (SQ MI) 46.4

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00861	0.00788	0.00715	0.00421	0.00274	0.00128	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0
10	0.12473	0.09535	0.08147	0.07706	0.07119	0.06825	0.05209	0.03045
	2.0	2.0	1.0	1.0	1.0	1.0	1.0	0.5
20	0.63403	0.59292	0.54592	0.51519	0.48434	0.43587	0.34639	0.20539
	4.0	4.0	4.0	3.0	3.0	3.0	2.0	2.0
30	1.39461	1.35350	1.30650	1.26537	1.15375	1.11261	0.95399	0.67145
	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0
40	2.34150	2.23135	2.06708	2.02595	1.91433	1.87319	1.71457	1.29746
	5.0	5.0	4.0	4.0	4.0	4.0	4.0	4.0
50	3.29223	3.18208	2.93239	2.80020	2.70474	2.63377	2.47515	2.05804
	5.0	5.0	5.0	5.0	5.0	4.0	4.0	4.0
55	3.83091	3.65744	3.41956	3.29619	3.18010	3.01406	2.85544	2.43833
	8.0	5.0	5.0	5.0	5.0	4.0	4.0	4.0
60	4.77698	4.29514	4.12149	3.86662	3.65546	3.48768	3.23573	2.81862
	18.0	7.0	7.0	6.0	5.0	5.0	4.0	4.0
65	6.86517	5.39130	4.88207	4.52958	4.20793	4.05812	3.61602	3.19891
	27.0	18.0	8.0	8.0	6.0	6.0	4.0	4.0
70	9.43213	7.10260	6.32002	5.29016	4.91417	4.71441	4.05574	3.57920
	27.0	18.0	18.0	8.0	8.0	8.0	6.0	4.0
75	11.99908	8.81391	8.03133	6.05074	5.74219	5.47782	4.62618	3.95949
	27.0	18.0	18.0	8.0	8.0	8.0	6.0	4.0
80	14.56604	11.23902	9.74263	7.53711	6.69291	6.42854	5.20158	4.33978
	27.0	27.0	18.0	18.0	10.0	10.0	8.0	4.0
85	18.41226	14.04794	12.61806	10.52570	8.26823	7.37927	5.96216	4.79768
	54.0	54.0	54.0	54.0	27.0	10.0	8.0	6.0
90	23.54617	19.75229	18.32241	16.23005	11.82768	9.97585	6.89062	5.36811
	54.0	54.0	54.0	54.0	54.0	42.0	10.0	6.0
95	28.68009	25.45664	24.02676	21.93440	17.53203	14.58132	7.84135	5.93855
	54.0	54.0	54.0	54.0	54.0	54.0	10.0	6.0
100	33.81400	31.16099	29.73111	27.63875	23.23638	20.28567	10.07820	6.63416
	54.0	54.0	54.0	54.0	54.0	54.0	27.0	8.0

STATION = 03012550 ALLEGHENY RIVER AT KINZUA DAM, PA
AVERAGE FLOW (INCH/MONTH) 2.07820
DRAINAGE AREA (SQ MI) 2180.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.05034	0.04444	0.03171	0.02118	0.01286	0.00441	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0
20	0.30564	0.24039	0.21690	0.17583	0.16132	0.14640	0.10463	0.05139
	2.0	2.0	2.0	2.0	1.0	1.0	1.0	0.5
30	0.97993	0.78729	0.71596	0.65192	0.57717	0.52511	0.41421	0.22706
	5.0	3.0	3.0	3.0	3.0	3.0	2.0	1.0
40	2.07163	1.89877	1.70983	1.45753	1.37692	1.30877	1.02021	0.60666
	6.0	6.0	6.0	5.0	4.0	4.0	4.0	2.0
50	3.44835	3.28520	3.00021	2.73906	2.52608	2.36528	1.92679	1.19687
	7.0	7.0	7.0	7.0	7.0	6.0	5.0	3.0
55	4.25322	4.03153	3.83149	3.57034	3.25345	3.04137	2.44634	1.57082
	8.0	8.0	8.0	8.0	7.0	7.0	5.0	5.0
60	5.09444	4.86281	4.66277	4.40162	3.98082	3.76874	3.04294	2.09037
	10.0	8.0	8.0	8.0	7.0	7.0	6.0	5.0
65	7.02879	5.69409	5.49405	5.23290	4.75632	4.49611	3.68712	2.60992
	27.0	8.0	8.0	8.0	8.0	7.0	7.0	5.0
70	9.83436	7.16430	6.32533	6.06418	5.58760	5.22348	4.44608	3.12947
	27.0	27.0	8.0	8.0	8.0	7.0	7.0	5.0
75	12.63993	9.96987	8.71727	6.89546	6.41888	6.04864	5.27736	3.72355
	27.0	27.0	27.0	8.0	8.0	8.0	8.0	6.0
80	15.44550	12.77544	11.52284	9.10708	7.45144	6.92927	6.10864	4.34701
	27.0	27.0	27.0	27.0	10.0	10.0	8.0	6.0
85	21.12541	17.88712	15.44152	12.72100	9.43245	8.03304	6.93992	5.04595
	60.0	54.0	54.0	54.0	21.0	21.0	8.0	7.0
90	27.36001	23.61275	21.05266	18.33214	13.60620	10.83861	7.77120	5.77332
	60.0	60.0	54.0	54.0	48.0	27.0	8.0	7.0
95	33.59461	29.84735	26.66380	23.94328	18.74605	15.93633	9.01700	6.50069
	60.0	60.0	54.0	54.0	54.0	54.0	21.0	7.0
100	39.82921	36.08195	32.27494	29.55442	24.98065	22.17093	11.19911	7.28019
	60.0	60.0	54.0	54.0	54.0	54.0	21.0	8.0

STATION = 03012600 ALLEGHENY RIVER AT WARREN, PA
AVERAGE FLOW (INCH/MONTH) 1.93480
DRAINAGE AREA (SQ MI) 2180.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.02639	0.02373	0.01783	0.01332	0.01146	0.00972	0.00475	0.00000
	1.0	1.0	1.0	0.5	0.5	0.5	0.5	0.0
10	0.21436	0.19897	0.17351	0.15382	0.13322	0.11401	0.08588	0.04203
	3.0	3.0	3.0	2.0	2.0	2.0	1.0	1.0
20	0.98870	0.87307	0.78281	0.75840	0.70946	0.66885	0.56304	0.32129
	5.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0
30	2.02167	1.83157	1.73615	1.66337	1.56515	1.47432	1.27824	0.86557
	6.0	6.0	5.0	5.0	5.0	5.0	4.0	3.0
40	3.18255	2.99245	2.83417	2.71233	2.53255	2.44506	2.22246	1.62221
	6.0	6.0	6.0	6.0	5.0	5.0	5.0	4.0
50	4.34703	4.15333	3.99505	3.87321	3.68785	3.60594	3.23361	2.58300
	7.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
55	5.08138	4.73377	4.57549	4.45365	4.26829	4.18638	3.81405	3.06670
	8.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
60	5.87442	5.32639	5.17725	5.03409	4.91091	4.78513	4.39449	3.55040
	18.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0
65	7.61574	6.08835	5.85443	5.70829	5.58809	5.46231	5.00784	4.07279
	18.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
70	9.61617	7.82967	6.53161	6.38547	6.26527	6.13949	5.68502	4.65323
	30.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
75	12.51837	10.25350	9.12227	7.49156	6.94245	6.81667	6.36220	5.23367
	30.0	30.0	30.0	30.0	7.0	7.0	7.0	6.0
80	17.02829	14.57412	12.02447	10.39376	7.85627	7.49385	7.03938	5.81411
	54.0	54.0	30.0	30.0	18.0	7.0	7.0	6.0
85	22.25225	19.79808	16.10544	13.29596	10.67165	8.65560	7.71656	6.46281
	54.0	54.0	54.0	30.0	30.0	30.0	7.0	7.0
90	27.47621	25.02204	21.32940	18.29532	16.23385	11.85883	8.39374	7.13999
	54.0	54.0	54.0	54.0	54.0	42.0	7.0	7.0
95	32.95732	30.24600	26.55336	24.09972	22.03825	15.92191	9.16906	7.81717
	60.0	54.0	54.0	54.0	54.0	42.0	21.0	7.0
100	38.76172	35.46996	31.77732	29.90412	27.84265	20.99560	11.44318	8.49435
	60.0	54.0	54.0	54.0	54.0	54.0	24.0	7.0

STATION = 03015000 CONEWANGO CREEK AT RUSSELL, PA
AVERAGE FLOW (INCH/MONTH) 2.11131
DRAINAGE AREA (SQ MI) 816.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.01768	0.01449	0.01232	0.01083	0.00974	0.00757	0.00318	0.00000
	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.0
10	0.20444	0.17241	0.15573	0.14841	0.12578	0.11435	0.08563	0.04152
	3.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0
20	0.98209	0.93198	0.88809	0.81585	0.71482	0.65578	0.53029	0.34552
	5.0	4.0	4.0	4.0	4.0	3.0	3.0	2.0
30	2.03774	1.85145	1.77144	1.66037	1.55934	1.49716	1.28594	0.90274
	5.0	5.0	5.0	4.0	4.0	4.0	4.0	3.0
40	3.09340	2.96529	2.86791	2.72459	2.60080	2.52479	2.17735	1.64451
	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.0
50	4.50060	4.25579	4.13470	3.99138	3.81514	3.61489	3.25830	2.58211
	7.0	7.0	6.0	6.0	6.0	6.0	6.0	5.0
55	5.23955	4.99474	4.76809	4.62477	4.44853	4.24828	3.89169	3.10993
	7.0	7.0	6.0	6.0	6.0	6.0	6.0	5.0
60	6.06820	5.73370	5.47447	5.25817	5.08193	4.88168	4.52509	3.63776
	8.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0
65	6.91272	6.47266	6.21343	5.95341	5.73901	5.56380	5.15848	4.20870
	8.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
70	7.75725	7.21162	6.95239	6.69237	6.47797	6.30276	5.81712	4.84209
	8.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
75	10.34357	8.21336	7.69135	7.43133	7.21693	7.04172	6.55608	5.47548
	27.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
80	13.19384	10.23817	8.63318	8.17029	7.95589	7.78068	7.29504	6.10888
	27.0	27.0	18.0	7.0	7.0	7.0	7.0	6.0
85	17.74162	14.73581	12.32588	10.82896	9.16519	8.51963	8.03399	6.74227
	54.0	54.0	54.0	54.0	18.0	7.0	7.0	6.0
90	23.44216	20.81798	18.51488	16.52950	12.24029	10.33221	8.77295	7.46727
	54.0	54.0	54.0	54.0	54.0	54.0	7.0	7.0
95	29.14269	27.15191	24.84881	22.23003	18.21842	16.66614	9.56600	8.20623
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	7.0
100	35.37992	33.48584	31.18274	27.93057	24.55235	23.00007	10.41052	8.94519
	60.0	60.0	60.0	54.0	54.0	54.0	8.0	7.0

STATION = 03015280 JACKSON RUN NEAR NORTH WARREN, PA
AVERAGE FLOW (INCH/MONTH) 2.04558
DRAINAGE AREA (SQ MI) 12.8

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.01841	0.01469	0.01469	0.01108	0.00746	0.00374	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0
10	0.10987	0.10253	0.08797	0.08074	0.07341	0.06608	0.04765	0.02937
	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5
20	0.73297	0.67472	0.54970	0.50602	0.46234	0.44044	0.35298	0.20616
	4.0	4.0	3.0	3.0	3.0	3.0	3.0	2.0
30	1.57470	1.49296	1.35608	1.28891	1.25979	1.20144	1.02661	0.70435
	5.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0
40	2.59749	2.45178	2.37887	2.26961	2.19671	2.12391	1.86882	1.46595
	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.0
50	3.68857	3.51374	3.42626	3.33879	3.21950	3.14670	2.89161	2.41803
	6.0	6.0	6.0	6.0	5.0	5.0	5.0	5.0
55	4.30224	4.12741	4.03993	3.95246	3.82131	3.69016	3.40301	2.92943
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	5.0
60	4.97024	4.76619	4.65361	4.56614	4.43499	4.30384	3.99786	3.44082
	7.0	7.0	6.0	6.0	6.0	6.0	6.0	5.0
65	6.33769	5.48214	5.32909	5.22717	5.04866	4.91751	4.61153	3.99946
	18.0	7.0	7.0	7.0	6.0	6.0	6.0	6.0
70	8.32878	6.23597	6.04504	5.94312	5.73906	5.58601	5.22521	4.61314
	30.0	18.0	7.0	7.0	7.0	7.0	6.0	6.0
75	12.67376	10.15353	7.65792	6.65908	6.45502	6.30197	5.89396	5.22681
	54.0	42.0	27.0	7.0	7.0	7.0	7.0	6.0
80	18.19683	14.48871	11.52645	8.66172	7.58997	7.01792	6.60991	5.84490
	54.0	54.0	54.0	54.0	27.0	7.0	7.0	7.0
85	23.71989	20.01177	17.04951	14.18478	11.59845	9.45104	7.32586	6.56085
	54.0	54.0	54.0	54.0	54.0	42.0	7.0	7.0
90	29.24296	25.53484	22.57258	19.77053	17.12152	15.05656	8.08319	7.27680
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	7.0
95	34.76602	31.60322	28.09564	25.90727	23.07286	21.19330	10.26794	7.99276
	54.0	54.0	54.0	54.0	54.0	54.0	27.0	7.0
100	40.64913	37.73996	34.05756	32.04401	29.20960	27.33004	13.02947	8.78704
	60.0	60.0	60.0	60.0	60.0	60.0	27.0	8.0

STATION = 03015500 BROKENSTRAW CREEK AT YOUNGSVILLE, PA
AVERAGE FLOW (INCH/MONTH) 2.07185
DRAINAGE AREA (SQ MI) 321.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.01505	0.01156	0.00924	0.00865	0.00604	0.00357	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0
10	0.14823	0.13139	0.12034	0.09769	0.08893	0.08313	0.06831	0.03429
	2.0	2.0	2.0	2.0	1.0	1.0	1.0	0.5
20	0.81724	0.76378	0.71613	0.64989	0.59288	0.53536	0.43163	0.26916
	4.0	4.0	4.0	4.0	3.0	3.0	3.0	2.0
30	1.79453	1.65652	1.54487	1.47863	1.37287	1.31127	1.11953	0.78647
	5.0	5.0	4.0	4.0	4.0	4.0	4.0	3.0
40	2.83872	2.69245	2.55590	2.43823	2.32202	2.25665	1.98645	1.48921
	6.0	5.0	5.0	5.0	5.0	5.0	5.0	4.0
50	4.08183	3.88558	3.71474	3.63207	3.45251	3.32003	3.02238	2.41659
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	5.0
55	4.78827	4.61072	4.43988	4.25362	4.07406	3.94158	3.63303	2.93455
	8.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0
60	5.61701	5.33587	5.16503	4.95352	4.73183	4.61388	4.25459	3.45251
	8.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
65	6.44575	6.06102	5.89018	5.67867	5.45698	5.33903	4.87614	4.05334
	8.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
70	8.98238	7.12329	6.66988	6.40382	6.18213	6.06418	5.54150	4.67490
	27.0	18.0	18.0	7.0	7.0	7.0	7.0	6.0
75	11.77937	9.52811	8.53454	7.12896	6.91782	6.78932	6.26664	5.29646
	27.0	27.0	18.0	7.0	7.0	7.0	7.0	6.0
80	15.60440	13.35732	12.13407	8.97011	7.76803	7.51447	6.99179	5.91801
	54.0	54.0	54.0	18.0	18.0	7.0	7.0	6.0
85	21.19839	18.95132	17.72806	13.15816	10.63222	8.55655	7.71694	6.60853
	54.0	54.0	54.0	42.0	42.0	18.0	7.0	7.0
90	26.79239	24.54531	23.32206	18.44863	16.84777	14.21097	8.44208	7.33367
	54.0	54.0	54.0	54.0	54.0	54.0	7.0	7.0
95	32.48667	30.13931	28.91605	24.66418	23.06332	20.42652	10.34277	8.05882
	60.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
100	38.70222	35.73330	34.51005	30.87973	29.27887	26.64207	13.45055	8.78397
	60.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0

STATION = 03016000 ALLEGHENY RIVER AT WEST HICKORY, PA
AVERAGE FLOW (INCH/MONTH) 2.05568
DRAINAGE AREA (SQ MI) 3660.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.02202	0.01517	0.01321	0.01020	0.00557	0.00106	0.00000	0.00000
	1.0	0.5	0.5	0.5	0.5	0.5	0.0	0.0
10	0.17823	0.13623	0.12350	0.10314	0.08373	0.07876	0.05481	0.01739
	2.0	2.0	2.0	2.0	1.0	1.0	1.0	0.5
20	0.82710	0.77006	0.71811	0.65910	0.54012	0.49755	0.37339	0.19112
	4.0	4.0	4.0	4.0	3.0	3.0	3.0	2.0
30	1.83810	1.60427	1.54039	1.48138	1.33583	1.27728	1.02910	0.60226
	5.0	5.0	4.0	4.0	4.0	4.0	4.0	2.0
40	2.86594	2.65371	2.54972	2.45195	2.29113	2.18850	1.85137	1.27378
	5.0	5.0	5.0	5.0	5.0	5.0	4.0	4.0
50	4.20767	4.06663	3.87573	3.65751	3.50126	3.30438	2.85720	2.11960
	7.0	7.0	7.0	7.0	6.0	6.0	5.0	5.0
55	4.92716	4.78612	4.59522	4.37700	4.21166	4.02387	3.41946	2.63352
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
60	5.68427	5.50561	5.31471	5.09649	4.93115	4.74336	4.03617	3.14744
	8.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
65	7.23961	6.27839	6.03657	5.81597	5.65063	5.46284	4.65287	3.66136
	27.0	8.0	8.0	7.0	7.0	7.0	6.0	5.0
70	10.01478	7.82152	6.85884	6.55176	6.37012	6.18233	5.31388	4.17528
	27.0	27.0	8.0	8.0	7.0	7.0	7.0	5.0
75	12.78995	10.59669	7.79509	7.37403	7.12770	6.90182	6.03337	4.79173
	27.0	27.0	18.0	8.0	8.0	7.0	7.0	6.0
80	15.69035	13.37186	10.12560	8.97574	7.94997	7.62131	6.75286	5.40843
	42.0	27.0	27.0	18.0	8.0	7.0	7.0	6.0
85	20.48801	16.98535	15.63892	10.82585	8.93791	8.42884	7.56084	6.02514
	54.0	54.0	54.0	18.0	18.0	8.0	8.0	6.0
90	26.03835	22.53569	21.18926	16.05241	12.02128	10.86553	8.38312	6.64184
	54.0	54.0	54.0	54.0	48.0	48.0	8.0	6.0
95	31.81599	28.08602	26.73959	21.99921	18.07505	17.03257	9.20539	7.35627
	60.0	54.0	54.0	54.0	54.0	54.0	8.0	7.0
100	37.98303	34.00240	32.28993	28.16625	24.24209	23.19961	11.25073	8.07576
	60.0	60.0	54.0	54.0	54.0	54.0	30.0	7.0

STATION = 03016500 TIONESTA CREEK AT SHEFFIELD, PA
AVERAGE FLOW (INCH/MONTH) 2.19593
DRAINAGE AREA (SQ MI) 128.0

DRAFT RATE AS PERCENT OF MEAN FLOW

	RETURN PERIOD							
	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.46000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.02822	0.02017	0.01730	0.01560	0.01411	0.01261	0.00790	0.00000
	1.0	1.0	1.0	0.5	0.5	0.5	0.5	0.0
10	0.22200	0.20315	0.18271	0.16960	0.13317	0.12295	0.09503	0.04637
	2.0	2.0	2.0	2.0	2.0	2.0	1.0	0.5
20	0.84157	0.78206	0.74264	0.70116	0.65082	0.60498	0.49363	0.32759
	4.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0
30	1.71995	1.65295	1.56837	1.46645	1.36727	1.30901	1.15010	0.87029
	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0
40	2.80027	2.74338	2.60790	2.47229	2.36271	2.26791	2.00374	1.52907
	6.0	6.0	6.0	6.0	5.0	5.0	4.0	3.0
50	4.25832	4.12066	3.92546	3.78985	3.66747	3.46637	2.98343	2.36340
	7.0	7.0	6.0	6.0	6.0	6.0	5.0	4.0
55	5.02689	4.88923	4.58424	4.44863	4.32625	4.12515	3.56563	2.80259
	7.0	7.0	6.0	6.0	6.0	6.0	6.0	4.0
60	5.79547	5.65781	5.31100	5.10741	4.98503	4.78393	4.22441	3.26895
	7.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0
65	6.56404	6.42638	6.07957	5.86020	5.64381	5.44271	4.88319	3.81793
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
70	8.83302	8.21489	6.84815	6.62878	6.33805	6.15441	5.54197	4.36691
	30.0	30.0	7.0	7.0	7.0	7.0	6.0	5.0
75	12.12692	11.50879	9.29175	7.42140	7.10662	6.92298	6.24465	5.00726
	30.0	30.0	30.0	30.0	7.0	7.0	7.0	6.0
80	15.87676	14.80268	12.58564	10.71529	8.80059	7.69156	7.01323	5.66603
	48.0	30.0	30.0	30.0	30.0	7.0	7.0	6.0
85	21.14699	18.36485	15.87954	14.00919	12.09449	9.28647	7.78180	6.32481
	48.0	48.0	30.0	30.0	30.0	18.0	7.0	6.0
90	26.41723	24.29386	20.95595	18.96276	15.38838	11.81594	8.55038	6.98359
	48.0	48.0	48.0	48.0	30.0	30.0	7.0	6.0
95	32.47451	30.22287	27.24614	24.89177	20.94631	17.16976	9.83676	7.70222
	60.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0
100	39.06230	36.15188	33.83393	30.82078	27.01560	23.09877	12.64355	8.47080
	60.0	54.0	54.0	54.0	54.0	54.0	27.0	7.0

STATION = 03017000 SOUTH BRANCH TIONESTA CREEK AT BARNES, PA
AVERAGE FLOW (INCH/MONTH) 2.06975
DRAINAGE AREA (SQ MI) 85.3

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.03303	0.02343	0.02018	0.01703	0.01437	0.01275	0.00742	0.00000
	1.0	1.0	1.0	0.5	0.5	0.5	0.5	0.0
10	0.22177	0.19620	0.18127	0.16843	0.12781	0.11718	0.09173	0.04475
	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0
20	0.81465	0.74225	0.72304	0.67502	0.64298	0.59820	0.53410	0.36035
	4.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0
30	1.69548	1.53575	1.48877	1.43752	1.35641	1.31800	1.19847	0.94039
	5.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0
40	2.87358	2.70916	2.63599	2.44746	2.34611	2.30342	2.03649	1.65057
	7.0	7.0	6.0	5.0	5.0	5.0	5.0	4.0
50	4.32241	4.15799	3.87784	3.68566	3.55758	3.43586	3.09639	2.47847
	7.0	7.0	6.0	6.0	6.0	6.0	6.0	4.0
55	5.04682	4.88240	4.53113	4.30702	4.17851	4.05679	3.71732	2.97500
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
60	5.77123	5.60681	5.25554	5.03143	4.88194	4.73245	4.33824	3.49244
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
65	6.96217	6.33122	5.97995	5.75584	5.60635	5.45686	4.95917	4.00988
	18.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
70	10.02245	8.46580	6.70437	6.48026	6.33077	6.18128	5.65831	4.54895
	30.0	30.0	7.0	7.0	7.0	7.0	7.0	6.0
75	13.12708	11.57043	8.84354	7.50707	7.05518	6.90569	6.38272	5.16988
	30.0	30.0	30.0	18.0	7.0	7.0	7.0	6.0
80	16.23170	14.67505	11.94816	9.46068	7.79559	7.63010	7.10713	5.79080
	30.0	30.0	30.0	30.0	18.0	7.0	7.0	6.0
85	21.49284	20.02366	17.44198	12.90055	10.76790	9.14407	7.83154	6.41173
	54.0	54.0	54.0	54.0	42.0	18.0	7.0	6.0
90	27.31862	25.61199	23.03031	18.48888	15.11437	11.82548	8.55596	7.07635
	60.0	54.0	54.0	54.0	42.0	30.0	7.0	7.0
95	33.52787	31.20031	28.61863	24.07720	20.07016	16.32684	9.28037	7.80077
	60.0	54.0	54.0	54.0	54.0	54.0	7.0	7.0
100	39.73712	36.78864	34.20696	29.66553	26.27941	22.53609	11.53854	8.52518
	60.0	54.0	54.0	54.0	54.0	54.0	27.0	7.0

STATION = 03017500 TIONESTA CREEK AT LYNCH, PA
AVERAGE FLOW (INCH/MONTH) 2.07557
DRAINAGE AREA (SQ MI) 233.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.02007	0.01806	0.01706	0.01547	0.01046	0.00826	0.00085	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0
10	0.15494	0.13492	0.12691	0.10850	0.09429	0.09108	0.06987	0.03513
	2.0	2.0	2.0	2.0	1.0	1.0	1.0	0.5
20	0.83270	0.78787	0.73503	0.67975	0.61815	0.59690	0.47202	0.31308
	4.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0
30	1.77845	1.72041	1.57230	1.51427	1.44837	1.40354	1.23063	0.90081
	5.0	5.0	5.0	5.0	4.0	4.0	4.0	4.0
40	2.98562	2.82951	2.70942	2.55206	2.46800	2.38394	2.19381	1.73104
	6.0	6.0	6.0	5.0	5.0	5.0	5.0	4.0
50	4.24405	4.07485	3.95476	3.74343	3.65216	3.57051	3.25590	2.75928
	7.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
55	4.97049	4.69871	4.57743	4.36610	4.27483	4.19318	3.87857	3.27817
	7.0	7.0	6.0	6.0	6.0	6.0	6.0	5.0
60	5.69694	5.42516	5.28225	5.07492	4.97405	4.86758	4.50124	3.84319
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
65	7.25508	6.62237	6.00870	5.80137	5.70050	5.59403	5.14012	4.46586
	18.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
70	9.51502	8.49038	7.72313	6.61444	6.42695	6.32048	5.86657	5.08853
	27.0	18.0	18.0	18.0	7.0	7.0	7.0	6.0
75	13.68973	11.48710	9.59115	8.48246	7.34402	7.04693	6.59302	5.71121
	54.0	54.0	18.0	18.0	18.0	7.0	7.0	6.0
80	19.29376	17.09113	14.04697	10.35047	9.21203	8.09966	7.31947	6.41166
	54.0	54.0	54.0	18.0	18.0	18.0	7.0	7.0
85	24.89780	22.69517	19.65101	15.82086	12.98438	10.82799	8.04592	7.13811
	54.0	54.0	54.0	54.0	54.0	54.0	7.0	7.0
90	30.50184	28.29921	25.25505	22.02332	19.21109	17.05470	9.23601	7.86456
	54.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0
95	36.10588	33.90325	30.85909	28.25003	25.43780	23.28141	11.70599	8.59101
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
100	41.70992	39.50729	36.62715	34.47674	31.66451	29.50812	14.81934	9.31746
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0

STATION = 03018000 TIONESTA CREEK AT MAYBURG, PA
AVERAGE FLOW (INCH/MONTH) 2.18793
DRAINAGE AREA (SQ MI) 307.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.03061	0.02621	0.02263	0.01756	0.01605	0.01316	0.00911	0.00000
	1.0	1.0	1.0	0.5	0.5	0.5	0.5	0.0
10	0.22597	0.19473	0.18131	0.15123	0.12242	0.10714	0.09036	0.04831
	2.0	2.0	2.0	2.0	2.0	1.0	1.0	0.5
20	0.80922	0.73517	0.68484	0.63810	0.61253	0.56671	0.48121	0.30776
	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0
30	1.64598	1.59901	1.48146	1.39317	1.32502	1.24855	1.12336	0.83409
	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0
40	2.73762	2.69528	2.57182	2.40602	2.29461	2.16675	1.92968	1.49047
	6.0	6.0	6.0	6.0	5.0	5.0	4.0	3.0
50	4.20890	4.03199	3.88458	3.71878	3.54245	3.40129	3.00051	2.33568
	7.0	7.0	6.0	6.0	6.0	6.0	5.0	4.0
55	4.97467	4.79776	4.57145	4.37516	4.19883	4.05767	3.57092	2.77327
	7.0	7.0	7.0	6.0	6.0	6.0	6.0	4.0
60	5.74045	5.56354	5.33723	5.12317	4.85521	4.71405	4.22730	3.31394
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
65	6.50622	6.32931	6.10300	5.88894	5.61936	5.37043	4.88368	3.86092
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
70	8.91491	7.09509	6.86878	6.65472	6.38514	6.09704	5.54006	4.50116
	30.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
75	12.19680	10.00828	8.40083	7.68105	7.15091	6.86281	6.30108	5.15753
	30.0	30.0	30.0	30.0	7.0	7.0	7.0	6.0
80	16.32361	13.29018	11.68273	10.96295	8.88551	7.62859	7.06686	5.81391
	54.0	30.0	30.0	30.0	30.0	7.0	7.0	6.0
85	22.23102	16.92124	14.98912	14.24485	12.16741	9.08745	7.83263	6.47029
	54.0	42.0	42.0	30.0	30.0	18.0	7.0	6.0
90	28.13843	22.36082	20.79247	18.09143	15.44930	11.73861	8.59841	7.12667
	54.0	54.0	54.0	42.0	30.0	30.0	7.0	6.0
95	34.04584	28.55052	26.69988	23.59246	19.48271	16.29080	9.51554	7.85588
	54.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0
100	39.95325	35.11431	32.68386	29.49987	25.78164	22.85459	11.96145	8.62166
	54.0	54.0	54.0	54.0	54.0	54.0	27.0	7.0

STATION = 03020000 TIONESTA CREEK AT TIONESTA DAM, PA
AVERAGE FLOW (INCH/MONTH) 2.10201
DRAINAGE AREA (SQ MI) 479.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.06504	0.05484	0.04567	0.03115	0.02578	0.02320	0.01434	0.00000
	1.0	1.0	1.0	1.0	0.5	0.5	0.5	0.0
10	0.25735	0.22575	0.21092	0.18321	0.14665	0.12122	0.09105	0.04794
	3.0	2.0	2.0	2.0	2.0	1.0	1.0	0.5
20	0.98302	0.87004	0.83656	0.76498	0.68084	0.64552	0.52523	0.31431
	4.0	4.0	4.0	4.0	4.0	3.0	3.0	2.0
30	1.96140	1.90301	1.79497	1.70836	1.60124	1.55159	1.29186	0.93593
	5.0	5.0	5.0	5.0	5.0	5.0	4.0	4.0
40	3.19550	3.08808	2.99106	2.86027	2.70135	2.60260	2.33977	1.77674
	6.0	6.0	6.0	6.0	6.0	5.0	5.0	4.0
50	4.65433	4.36132	4.25637	4.13371	3.96256	3.83288	3.50228	2.80269
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
55	5.39003	5.09702	4.99207	4.86941	4.60915	4.46348	4.13288	3.32819
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
60	6.17812	5.83272	5.72777	5.60511	5.34485	5.13762	4.76349	3.87097
	18.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
65	8.18230	6.71085	6.46348	6.34082	6.08056	5.87333	5.39409	4.50157
	30.0	18.0	7.0	7.0	7.0	7.0	6.0	6.0
70	12.48043	9.02270	8.21909	7.14725	6.81626	6.60903	6.04207	5.13217
	54.0	42.0	30.0	30.0	7.0	7.0	7.0	6.0
75	18.15586	14.61098	11.42771	10.30027	8.97137	7.34473	6.77777	5.76278
	54.0	54.0	54.0	30.0	30.0	7.0	7.0	6.0
80	23.83128	20.28640	17.10313	15.10179	12.37117	10.46467	7.51348	6.39338
	54.0	54.0	54.0	54.0	54.0	30.0	7.0	6.0
85	29.50671	25.96183	22.90776	20.85347	18.19227	15.25759	8.24918	7.02398
	54.0	54.0	54.0	54.0	54.0	54.0	7.0	6.0
90	35.18214	31.63726	29.21379	27.15950	24.49830	20.97805	10.67533	7.73641
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
95	40.85756	37.74783	35.51982	33.46553	30.80433	27.28408	13.82834	8.47212
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
100	46.53299	44.05386	41.82585	39.77156	37.11036	33.59011	16.98136	9.20782
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0

STATION = 03020500 OIL CREEK AT ROUSEVILLE, PA
AVERAGE FLOW (INCH/MONTH) 2.02764
DRAINAGE AREA (SQ MI) 300.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00889	0.00627	0.00517	0.00266	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0
10	0.10772	0.08679	0.08241	0.07781	0.07246	0.06535	0.04696	0.02972
	2.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5
20	0.66456	0.59991	0.56746	0.53300	0.49011	0.45739	0.35526	0.23098
	4.0	4.0	3.0	3.0	3.0	3.0	2.0	2.0
30	1.47562	1.41097	1.36130	1.27792	1.23066	1.18963	0.99817	0.70848
	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0
40	2.52916	2.37969	2.26930	2.23669	2.08899	2.00068	1.80922	1.41382
	6.0	5.0	5.0	5.0	5.0	4.0	4.0	4.0
50	3.74574	3.58162	3.44169	3.33349	3.13578	3.02386	2.80281	2.27896
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	5.0
55	4.40950	4.25282	4.04998	3.94178	3.74407	3.63215	3.32066	2.78587
	7.0	7.0	6.0	6.0	6.0	6.0	6.0	5.0
60	5.11918	4.96250	4.71655	4.55007	4.35236	4.24044	3.92895	3.29278
	7.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0
65	5.82885	5.67217	5.42622	5.16725	4.96066	4.84874	4.53725	3.80422
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	6.0
70	7.35681	6.72562	6.13590	5.87693	5.66807	5.54619	5.15659	4.41251
	18.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
75	11.94177	8.79376	7.78402	6.95347	6.38925	6.25586	5.86626	5.02080
	54.0	54.0	54.0	18.0	18.0	7.0	7.0	6.0
80	17.41640	14.26839	13.25865	10.16294	8.21413	7.14773	6.57593	5.62933
	54.0	54.0	54.0	54.0	18.0	18.0	7.0	7.0
85	22.89103	19.74302	18.73328	15.63757	10.64120	9.11157	7.28561	6.33901
	54.0	54.0	54.0	54.0	42.0	42.0	7.0	7.0
90	28.36565	25.21764	24.20790	21.11219	16.14153	14.07525	8.33808	7.04868
	54.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0
95	33.84028	31.21848	29.68253	26.58682	22.22445	19.54988	10.16295	7.75836
	54.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0
100	39.62436	37.30140	35.15716	32.06145	28.30737	25.02451	12.18308	8.46803
	60.0	60.0	54.0	54.0	54.0	54.0	24.0	7.0

STATION = 03021350 FRENCH CREEK NEAR WATTSBURG, PA
AVERAGE FLOW (INCH/MONTH) 2.78233
DRAINAGE AREA (SQ MI) 92.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.02558	0.02041	0.01731	0.01381	0.01080	0.00828	0.00167	0.00000
	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.0
10	0.21790	0.16720	0.14643	0.12818	0.11506	0.10788	0.08564	0.05045
	2.0	2.0	1.0	1.0	1.0	1.0	1.0	0.5
20	0.96880	0.94860	0.86341	0.79054	0.73275	0.67796	0.56239	0.38509
	4.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0
30	2.17644	2.06154	1.97635	1.83445	1.77356	1.71276	1.50191	1.09299
	5.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0
40	3.62423	3.38094	3.29897	3.17416	3.02528	2.97458	2.71098	2.13233
	6.0	6.0	5.0	5.0	5.0	5.0	5.0	4.0
50	5.29363	5.05034	4.89824	4.84356	4.60026	4.49683	4.10215	3.37733
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	5.0
55	6.12833	5.97886	5.73294	5.67826	5.43496	5.33153	4.89972	4.07291
	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
60	7.08040	6.95268	6.70434	6.51296	6.26966	6.16623	5.73442	4.88284
	7.0	7.0	7.0	6.0	6.0	6.0	6.0	6.0
65	9.85192	8.32255	7.67815	7.42981	7.10436	7.00093	6.56912	5.71754
	60.0	30.0	7.0	7.0	6.0	6.0	6.0	6.0
70	18.19891	15.54120	12.48716	9.25679	8.04874	7.87847	7.41724	6.55224
	60.0	54.0	54.0	30.0	7.0	7.0	7.0	6.0
75	26.54590	23.79594	19.99945	16.74087	13.06514	10.55380	8.39105	7.38694
	60.0	60.0	54.0	54.0	54.0	48.0	7.0	6.0
80	34.89289	32.14293	27.51175	24.58286	20.80768	17.23139	9.39700	8.33595
	60.0	60.0	54.0	54.0	54.0	48.0	8.0	7.0
85	43.23988	40.48992	35.22283	32.92985	29.15467	24.06048	13.04328	9.30976
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	7.0
90	51.58687	48.83691	43.56982	41.27684	37.50166	31.57277	17.21677	10.28358
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	7.0
95	59.93386	57.18390	51.91681	49.62383	45.84865	39.08506	21.39027	11.37336
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	8.0
100	68.28085	65.53089	60.26380	57.97082	54.19564	46.59735	25.56376	12.48629
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	8.0

STATION = 03021410 WEST BRANCH FRENCH CREEK NEAR LOWVILLE, PA
AVERAGE FLOW (INCH/MONTH) 2.84047
DRAINAGE AREA (SQ MI) 52.3

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.06097	0.05283	0.04480	0.03782	0.03537	0.03293	0.02725	0.01187
	1.0	1.0	1.0	0.5	0.5	0.5	0.5	0.5
10	0.30219	0.27302	0.25040	0.22445	0.20174	0.18549	0.13974	0.08288
	2.0	2.0	2.0	2.0	2.0	2.0	1.0	0.5
20	1.26732	1.18303	1.13113	1.08571	1.04038	0.91156	0.77049	0.46507
	4.0	4.0	4.0	4.0	4.0	3.0	3.0	2.0
30	2.65580	2.53420	2.41259	2.24245	2.17656	2.04683	1.78093	1.28222
	5.0	5.0	5.0	5.0	4.0	4.0	4.0	3.0
40	4.24925	3.95444	3.83283	3.66269	3.57349	3.46002	3.10336	2.37249
	6.0	5.0	5.0	5.0	5.0	5.0	5.0	4.0
50	5.95353	5.67487	5.48664	5.32127	5.10736	5.00036	4.54315	3.75360
	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
55	6.80567	6.66903	6.45345	6.21506	5.95950	5.85250	5.39529	4.46371
	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
60	7.76530	7.66319	7.44761	7.20922	6.89152	6.70464	6.24743	5.24559
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	6.0
65	11.55634	8.80526	8.44178	8.20339	7.88569	7.69273	7.09957	6.09773
	54.0	16.0	7.0	7.0	7.0	7.0	6.0	6.0
70	19.22561	14.08484	12.27757	9.19755	8.87985	8.68689	8.00607	6.94987
	54.0	54.0	54.0	7.0	7.0	7.0	7.0	6.0
75	26.89488	22.13434	19.94684	16.47716	12.46976	9.96735	9.00024	7.80201
	54.0	54.0	54.0	54.0	48.0	27.0	7.0	6.0
80	34.56414	30.65575	27.91586	24.99857	19.36927	16.21930	9.99440	8.65416
	54.0	54.0	54.0	54.0	54.0	48.0	7.0	6.0
85	42.23341	39.17716	36.43727	33.51998	27.89068	23.03643	13.45774	9.52475
	54.0	54.0	54.0	54.0	54.0	48.0	27.0	7.0
90	50.04196	47.69857	44.95868	42.04139	36.41209	29.85355	17.57874	10.51891
	60.0	60.0	60.0	60.0	60.0	48.0	30.0	7.0
95	58.56337	56.21998	53.48009	50.56280	44.93350	36.67068	21.83944	11.57549
	60.0	60.0	60.0	60.0	60.0	48.0	30.0	8.0
100	67.08478	64.74139	62.00150	59.08421	53.45491	43.48781	26.10015	12.71168
	60.0	60.0	60.0	60.0	60.0	48.0	30.0	8.0

STATION = 03021500 FRENCH CREEK AT CARTERS CORNERS, PA
AVERAGE FLOW (INCH/MONTH) 2.25355
DRAINAGE AREA(SQ MI) 208.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.09796	0.07644	0.06308	0.05930	0.05439	0.04993	0.03778	0.01934
	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.5
10	0.40166	0.35451	0.32899	0.31283	0.28731	0.25499	0.21042	0.11635
	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.0
20	1.43749	1.28056	1.22529	1.18405	1.11417	1.06212	0.88814	0.63381
	5.0	5.0	4.0	4.0	4.0	4.0	4.0	3.0
30	2.57674	2.44488	2.31996	2.24372	2.14508	2.09570	1.79980	1.40215
	6.0	6.0	5.0	5.0	5.0	5.0	5.0	4.0
40	3.95593	3.79701	3.63563	3.48227	3.41507	3.23741	2.92658	2.43563
	7.0	6.0	6.0	6.0	6.0	6.0	5.0	5.0
50	5.53342	5.17566	5.06576	4.85544	4.76720	4.58954	4.19945	3.56241
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
55	6.32216	5.96440	5.85451	5.64419	5.44327	5.26561	4.87552	4.19219
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	6.0
60	7.11090	6.75314	6.64325	6.43293	6.18495	5.99358	5.57919	4.86825
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
65	8.07882	7.54188	7.43199	7.22167	6.97369	6.78232	6.36793	5.54431
	18.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
70	10.10701	8.95113	8.22073	8.10379	7.76244	7.57107	7.15668	6.22038
	18.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
75	15.35275	12.49387	10.11511	9.26885	8.64655	8.44917	7.94542	6.89645
	54.0	42.0	18.0	18.0	8.0	8.0	7.0	6.0
80	21.43733	17.22632	13.92471	11.29704	10.06348	9.35059	8.77672	7.57251
	54.0	42.0	42.0	18.0	18.0	8.0	8.0	6.0
85	27.52192	23.45000	20.00929	16.63503	12.63463	10.44784	9.67814	8.33972
	54.0	54.0	54.0	54.0	54.0	18.0	8.0	7.0
90	34.22743	30.21065	26.09388	22.71962	18.71922	15.01436	10.57956	9.12846
	60.0	60.0	54.0	54.0	54.0	42.0	8.0	7.0
95	40.98808	36.97130	32.17846	28.80420	24.90245	19.74681	11.48098	9.93133
	60.0	60.0	54.0	54.0	54.0	42.0	8.0	8.0
100	47.74873	43.73195	38.26305	34.95399	31.66310	24.55818	13.92586	10.83275
	60.0	60.0	54.0	54.0	54.0	48.0	30.0	8.0

STATION = 03021520 FRENCH CREEK NEAR UNION CITY, PA
AVERAGE FLOW (INCH/MONTH) 2.84038
DRAINAGE AREA(SQ MI) 211.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.05160	0.03514	0.02826	0.02700	0.02377	0.02116	0.01438	0.00000
	1.0	1.0	0.5	0.5	0.5	0.5	0.5	0.0
10	0.27880	0.23292	0.21612	0.19359	0.15094	0.14096	0.11854	0.06725
	2.0	2.0	2.0	2.0	2.0	1.0	1.0	0.5
20	1.09253	0.98330	0.94945	0.90606	0.85317	0.80738	0.64458	0.39604
	4.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0
30	2.22869	2.11303	2.08561	2.04222	1.94096	1.86223	1.56491	1.06038
	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0
40	3.79359	3.52499	3.45062	3.34614	3.20753	3.07490	2.70106	2.02759
	6.0	5.0	5.0	5.0	5.0	5.0	4.0	4.0
50	5.49782	5.17714	4.88546	4.76633	4.62772	4.49509	4.09327	3.20727
	6.0	6.0	6.0	5.0	5.0	5.0	5.0	5.0
55	6.34993	6.02925	5.73757	5.51575	5.41689	5.25775	4.80932	3.91737
	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
60	7.20205	6.88137	6.58969	6.36787	6.26901	6.10987	5.66144	4.62746
	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
65	8.11108	7.81575	7.55984	7.35450	7.18285	7.00567	6.51355	5.34431
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
70	11.15886	8.80988	8.55397	8.34863	8.17698	7.99980	7.36567	6.19643
	42.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
75	17.12366	14.30594	12.10824	9.93171	9.17112	8.99394	8.21778	7.04854
	42.0	42.0	42.0	42.0	7.0	7.0	6.0	6.0
80	24.41305	22.09638	19.88595	17.60074	12.80912	10.54783	9.17235	7.90065
	54.0	54.0	54.0	54.0	48.0	30.0	7.0	6.0
85	32.08207	30.61752	28.40709	25.26976	20.51043	17.95263	10.16648	8.75277
	54.0	54.0	54.0	54.0	54.0	54.0	7.0	6.0
90	40.21551	39.13866	36.92823	32.93879	29.03157	26.47377	13.66010	9.67830
	60.0	60.0	60.0	54.0	54.0	54.0	27.0	7.0
95	48.73665	47.65980	45.44937	41.43065	37.55271	34.99491	17.67573	10.67244
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0
100	57.25779	56.18094	53.97051	49.95179	46.07385	43.51605	21.93630	11.66657
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0

STATION = 03022540 WOODCOCK CREEK AT BLOOMING VALLEY, PA
AVERAGE FLOW (INCH/MONTH) 2.06955
DRAINAGE AREA (SQ MI) 31.1

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.01359	0.01081	0.00943	0.00678	0.00539	0.00263	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0
10	0.13041	0.10608	0.09790	0.08970	0.07886	0.06791	0.04895	0.03396
	2.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5
20	0.70195	0.56290	0.53835	0.50562	0.47298	0.42387	0.35341	0.20131
	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.0
30	1.46860	1.41407	1.34593	1.27305	1.21851	1.15304	0.93501	0.59288
	5.0	5.0	5.0	4.0	4.0	4.0	4.0	2.0
40	2.62783	2.44885	2.38071	2.28525	2.17620	2.06724	1.80820	1.25026
	6.0	5.0	5.0	5.0	5.0	5.0	5.0	4.0
50	3.86956	3.73209	3.42790	3.32978	3.21098	3.13344	2.84298	2.10686
	6.0	6.0	6.0	6.0	5.0	5.0	5.0	5.0
55	4.57091	4.45643	4.07472	3.95064	3.81978	3.75430	3.39448	2.62424
	7.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0
60	5.29525	5.18077	4.79906	4.64640	4.45560	4.37517	4.01535	3.14163
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
65	7.01955	5.90511	5.52340	5.37074	5.17994	4.99604	4.63622	3.72026
	48.0	7.0	7.0	7.0	7.0	6.0	6.0	6.0
70	12.24076	9.71391	7.42323	6.09509	5.90429	5.71348	5.29360	4.34112
	54.0	54.0	30.0	7.0	7.0	7.0	7.0	6.0
75	17.82854	15.30169	12.68305	10.73239	7.60667	6.57681	6.01794	4.96199
	54.0	54.0	54.0	54.0	30.0	30.0	7.0	6.0
80	23.41633	20.88948	18.27084	16.94104	13.43136	10.86966	6.74228	5.67367
	54.0	54.0	54.0	54.0	54.0	48.0	7.0	7.0
85	29.23659	26.47726	23.85862	23.14969	19.64001	16.44209	9.35447	6.39801
	60.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
90	35.44524	32.06505	29.85681	29.35834	25.84866	22.02988	12.45880	7.12236
	60.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
95	41.65389	38.18513	36.06546	35.56699	32.05731	27.61766	15.56313	7.94255
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	8.0
100	47.86254	44.39378	42.27411	41.77564	38.26596	33.20545	18.66745	8.77037
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	8.0

STATION = 03024000 FRENCH CREEK AT UTICA, PA
AVERAGE FLOW (INCH/MONTH) 2.02268
DRAINAGE AREA (SQ MI) 1028.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.05070	0.04429	0.03830	0.03520	0.02549	0.02249	0.01730	0.00344
	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5
10	0.25295	0.23114	0.21150	0.19952	0.18299	0.16026	0.10390	0.06039
	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0
20	1.00391	0.91019	0.83496	0.75910	0.72242	0.69425	0.57872	0.36339
	4.0	4.0	4.0	4.0	4.0	3.0	3.0	2.0
30	1.99116	1.84266	1.81631	1.76847	1.67939	1.56841	1.34643	0.96440
	5.0	5.0	5.0	5.0	5.0	5.0	4.0	4.0
40	3.07984	2.96855	2.90375	2.77981	2.69073	2.57975	2.34766	1.77347
	6.0	6.0	6.0	5.0	5.0	5.0	5.0	4.0
50	4.39658	4.31690	4.14485	3.99822	3.87588	3.75559	3.43793	2.75850
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
55	5.10452	5.02484	4.85279	4.70616	4.50465	4.36239	4.04473	3.26417
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
60	5.81246	5.73278	5.56073	5.41410	5.21259	4.99899	4.65154	3.79200
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
65	6.53144	6.44071	6.26866	6.12203	5.92052	5.70692	5.25834	4.39880
	8.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
70	9.16060	7.29308	7.00798	6.82997	6.62846	6.41486	5.94262	5.00561
	42.0	18.0	8.0	7.0	7.0	7.0	7.0	6.0
75	13.90759	11.39178	10.41236	8.26804	7.33640	7.12280	6.65056	5.61241
	54.0	54.0	54.0	54.0	7.0	7.0	7.0	6.0
80	19.36883	17.01096	15.87360	13.72928	9.55298	8.11383	7.35850	6.30313
	54.0	54.0	54.0	54.0	42.0	30.0	7.0	7.0
85	24.83006	23.07900	21.33483	19.19051	14.93262	13.79272	8.06644	7.01107
	54.0	54.0	54.0	54.0	54.0	54.0	7.0	7.0
90	30.29130	29.14704	26.89938	24.65175	21.00066	19.86076	10.63410	7.71900
	54.0	54.0	54.0	54.0	54.0	54.0	27.0	7.0
95	36.08889	35.21508	32.96742	30.17828	27.06870	25.92880	13.36472	8.42694
	60.0	60.0	60.0	60.0	60.0	60.0	27.0	7.0
100	42.15693	41.28312	39.03546	36.24632	33.13674	31.99684	16.30031	9.18291
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	8.0

STATION = 03025000 SUGAR CREEK AT SUGARCREEK, PA
AVERAGE FLOW (INCH/MONTH) 1.84921
DRAINAGE AREA(SQ MI) 166.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00803	0.00635	0.00489	0.00355	0.00097	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.5	0.0	0.0	0.0
10	0.11363	0.08264	0.07984	0.07256	0.06864	0.06472	0.04332	0.02278
	2.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5
20	0.67254	0.62090	0.58045	0.54450	0.48755	0.45730	0.35950	0.23398
	4.0	4.0	4.0	4.0	3.0	3.0	3.0	2.0
30	1.55460	1.45356	1.32707	1.28418	1.20104	1.15836	1.02797	0.72907
	5.0	5.0	5.0	4.0	4.0	4.0	4.0	4.0
40	2.55031	2.37817	2.31101	2.24694	2.10545	2.04136	1.86127	1.46876
	6.0	5.0	5.0	5.0	5.0	5.0	5.0	4.0
50	3.69572	3.64453	3.43616	3.35647	3.21498	3.15089	2.87441	2.37854
	7.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0
55	4.34294	4.29175	4.08338	3.91421	3.78449	3.70565	3.42917	2.84084
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
60	4.99016	4.93897	4.73060	4.56143	4.43171	4.32158	3.98394	3.35702
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
65	6.10771	5.58620	5.37783	5.20866	5.07894	4.96881	4.59519	3.91178
	18.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
70	7.86674	7.02579	6.59627	5.86996	5.72616	5.61603	5.24241	4.46654
	27.0	18.0	18.0	8.0	7.0	7.0	7.0	6.0
75	10.61892	8.69007	8.26055	6.98545	6.38939	6.26325	5.88963	5.07945
	54.0	18.0	18.0	18.0	8.0	7.0	7.0	7.0
80	15.61179	12.82743	9.92484	8.64974	7.70791	6.99419	6.53686	5.72668
	54.0	54.0	18.0	18.0	18.0	8.0	7.0	7.0
85	20.60466	17.82030	14.81099	11.16704	9.37220	8.52415	7.18408	6.37390
	54.0	54.0	54.0	54.0	18.0	18.0	7.0	7.0
90	25.59753	22.81317	19.80386	16.43558	13.57100	11.12196	7.83130	7.02112
	54.0	54.0	54.0	54.0	54.0	54.0	7.0	7.0
95	30.59039	27.80603	24.81035	21.98321	19.11863	16.66959	9.25759	7.66835
	54.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0
100	35.58326	32.79890	30.35798	27.53084	24.66626	22.21722	11.27873	8.31557
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0

STATION = 03025500 ALLEGHENY RIVER AT FRANKLIN, PA
AVERAGE FLOW (INCH/MONTH) 1.99176
DRAINAGE AREA (SQ MI) 5982.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.03045	0.02240	0.01424	0.01217	0.00942	0.00711	0.00000	0.00000
	1.0	1.0	0.5	0.5	0.5	0.5	0.0	0.0
10	0.20352	0.17268	0.15758	0.13480	0.11270	0.09082	0.07137	0.02654
	3.0	3.0	2.0	2.0	2.0	1.0	1.0	0.5
20	0.89190	0.82356	0.77675	0.73073	0.63180	0.58351	0.44086	0.25797
	4.0	4.0	4.0	4.0	4.0	3.0	3.0	2.0
30	1.83609	1.66273	1.60993	1.54897	1.42850	1.36753	1.10949	0.73043
	5.0	5.0	5.0	5.0	4.0	4.0	4.0	3.0
40	2.88702	2.78648	2.61909	2.54485	2.42302	2.29118	1.94330	1.44247
	6.0	6.0	6.0	5.0	5.0	5.0	5.0	4.0
50	4.27602	4.06539	3.96415	3.75789	3.52816	3.38448	2.99542	2.31222
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
55	4.97314	4.76251	4.66127	4.45501	4.21780	4.01026	3.59295	2.81016
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
60	5.67025	5.45962	5.35838	5.15212	4.91491	4.70737	4.19048	3.30810
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
65	7.02361	6.19113	6.05550	5.84924	5.61203	5.40449	4.78800	3.80604
	18.0	8.0	7.0	7.0	7.0	7.0	6.0	5.0
70	8.98641	7.51453	6.78214	6.54635	6.30914	6.10160	5.45681	4.35720
	27.0	18.0	8.0	7.0	7.0	7.0	7.0	6.0
75	11.67529	9.86331	8.02719	7.36213	7.01895	6.79872	6.15393	4.95473
	27.0	27.0	18.0	18.0	8.0	7.0	7.0	6.0
80	15.46420	12.55219	10.21713	9.15471	7.81565	7.50815	6.85105	5.55226
	42.0	27.0	27.0	18.0	8.0	8.0	7.0	6.0
85	19.64689	16.47657	15.29213	10.94730	9.17686	8.30486	7.54816	6.14979
	42.0	42.0	42.0	18.0	18.0	8.0	7.0	6.0
90	25.60269	22.21272	20.66989	15.87104	12.76935	10.67188	8.31204	6.83847
	60.0	60.0	54.0	54.0	54.0	54.0	8.0	7.0
95	31.57797	28.18800	26.04764	21.24879	18.67437	16.64716	9.10875	7.53558
	60.0	60.0	54.0	54.0	54.0	54.0	8.0	7.0
100	37.55325	34.16328	31.42539	27.00669	24.64965	22.62244	11.28063	8.23270
	60.0	60.0	54.0	54.0	54.0	54.0	30.0	7.0

STATION = 03026500 SEVEN MILE RUN NEAR RASSELAS, PA
AVERAGE FLOW (INCH/MONTH) 2.11068
DRAINAGE AREA (SQ MI) 7.8

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00514	0.00514	0.00514	0.00000	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0
5	0.10290	0.08392	0.08129	0.07311	0.06230	0.06230	0.04068	0.02575
	2.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5
10	0.37362	0.34120	0.30878	0.27635	0.24912	0.22750	0.16256	0.09209
	3.0	3.0	3.0	3.0	2.0	2.0	2.0	1.0
20	1.21271	1.12616	1.08293	0.99647	0.95313	0.90991	0.68242	0.41168
	4.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0
30	2.19277	2.13862	2.08458	1.97641	1.86834	1.75419	1.49461	1.02361
	5.0	5.0	5.0	5.0	5.0	4.0	4.0	3.0
40	3.44342	3.24879	3.13992	3.03175	2.92368	2.76147	2.43695	1.86305
	6.0	6.0	5.0	5.0	5.0	5.0	5.0	4.0
50	4.73788	4.51520	4.38541	4.25563	3.99615	3.81681	3.49229	2.89758
	7.0	6.0	6.0	6.0	6.0	5.0	5.0	5.0
55	5.47662	5.17380	5.09807	4.88883	4.64386	4.43472	4.11019	3.42525
	7.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0
60	6.21536	5.91254	5.83681	5.60975	5.38260	5.15553	4.74340	3.95292
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
65	7.77925	6.78547	6.57554	6.34848	6.12133	5.89426	5.37660	4.48059
	18.0	18.0	7.0	7.0	7.0	7.0	6.0	5.0
70	10.79704	8.69394	8.08207	7.56702	6.86007	6.63300	6.10315	5.03655
	48.0	30.0	18.0	18.0	7.0	7.0	7.0	6.0
75	15.86267	14.61341	12.98160	9.73059	8.61095	7.37174	6.84189	5.66975
	48.0	48.0	48.0	48.0	30.0	7.0	7.0	6.0
80	21.91421	20.94545	19.31364	15.42943	13.36533	10.75306	7.58063	6.30295
	60.0	60.0	60.0	54.0	54.0	54.0	7.0	6.0
85	28.24625	27.27749	25.64568	21.47415	19.59746	16.45189	8.99444	6.95674
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	7.0
90	34.57829	33.60953	31.97772	27.80619	25.92950	22.15073	12.16046	7.69547
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	7.0
95	40.91033	39.94157	38.30976	34.13823	32.26154	27.84956	15.32648	8.43421
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	7.0
100	47.24237	46.27361	44.64180	40.47027	38.59358	33.54840	18.49250	9.18559
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	8.0

STATION = 03027500 EAST BRANCH CLARION RIVER AT EAST BRANCH CLARION RIVER DAM
AVERAGE FLOW (INCH/MONTH) 2.11669
DRAINAGE AREA (SQ MI) 73.2

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.03632	0.02882	0.02379	0.02129	0.01690	0.01378	0.00125	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0
20	0.50729	0.36324	0.34321	0.32067	0.27057	0.21045	0.16033	0.07829
	3.0	2.0	2.0	2.0	2.0	2.0	1.0	0.5
30	1.17239	1.08222	0.95068	0.87554	0.78537	0.73651	0.53860	0.28935
	4.0	4.0	3.0	3.0	3.0	3.0	2.0	1.0
40	2.01906	1.92889	1.78862	1.68342	1.54315	1.41790	1.15361	0.67639
	4.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0
50	3.99342	2.81195	2.68045	2.53010	2.38983	2.26458	1.91892	1.25132
	16.0	5.0	5.0	4.0	4.0	4.0	4.0	3.0
55	5.68677	3.52614	3.20962	2.99045	2.82764	2.70239	2.34226	1.56883
	16.0	10.0	5.0	5.0	5.0	5.0	4.0	3.0
60	7.38012	4.58449	3.91808	3.51962	3.35681	3.23156	2.76560	1.88633
	16.0	10.0	8.0	5.0	5.0	5.0	4.0	3.0
65	9.07348	5.64283	4.86287	4.31389	3.92369	3.76073	3.18893	2.24210
	16.0	10.0	10.0	8.0	7.0	5.0	4.0	4.0
70	10.76683	7.66793	6.55622	5.54953	4.66453	4.34892	3.70754	2.66544
	16.0	16.0	16.0	14.0	7.0	7.0	5.0	4.0
75	12.86708	9.89046	8.71921	7.03121	5.99298	5.16228	4.23671	3.08878
	42.0	21.0	21.0	14.0	14.0	14.0	5.0	4.0
80	17.31213	13.04261	11.89425	10.02327	7.68633	6.85563	4.76588	3.51212
	42.0	30.0	30.0	30.0	16.0	16.0	5.0	4.0
85	21.75718	18.77316	16.23622	13.88127	10.60514	8.61865	5.53556	3.93546
	42.0	42.0	42.0	42.0	30.0	18.0	16.0	4.0
90	27.08662	25.12323	22.03354	19.59633	15.13055	11.67956	7.22892	4.44657
	60.0	60.0	60.0	54.0	54.0	42.0	16.0	5.0
95	33.43669	31.47330	28.38361	25.31140	20.84562	16.89226	9.10385	4.97574
	60.0	60.0	60.0	54.0	54.0	54.0	18.0	5.0
100	39.78676	37.82337	34.73368	31.54514	26.56068	23.24233	11.80909	5.50491
	60.0	60.0	60.0	60.0	54.0	54.0	30.0	5.0

STATION = 03028000 WEST BRANCH CLARION RIVER AT WILCOX, PA
AVERAGE FLOW (INCH/MONTH) 2.25277
DRAINAGE AREA (SQ MI) 63.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.01797	0.01595	0.01393	0.01057	0.00855	0.00719	0.00047	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0
10	0.17870	0.13832	0.12487	0.10603	0.09878	0.09474	0.07321	0.03996
	2.0	2.0	2.0	2.0	1.0	1.0	1.0	0.5
20	0.82248	0.78481	0.71780	0.67714	0.62493	0.59263	0.46343	0.26321
	4.0	4.0	3.0	3.0	3.0	3.0	3.0	2.0
30	1.72358	1.68591	1.61592	1.57824	1.51364	1.44905	1.21218	0.76783
	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0
40	3.01652	2.87118	2.70969	2.61470	2.47340	2.40611	2.14368	1.57498
	6.0	6.0	6.0	5.0	5.0	5.0	5.0	4.0
50	4.52153	4.22284	4.06135	3.94830	3.78681	3.65761	3.27007	2.47609
	8.0	6.0	6.0	6.0	6.0	6.0	5.0	4.0
55	5.42264	5.00275	4.81074	4.66002	4.46264	4.33344	3.88126	3.02579
	8.0	8.0	7.0	7.0	6.0	6.0	6.0	5.0
60	7.05005	5.90386	5.59921	5.44849	5.21298	5.02457	4.55709	3.58898
	18.0	8.0	7.0	7.0	7.0	7.0	6.0	5.0
65	9.07754	7.88289	6.91373	6.23696	6.00145	5.81304	5.23292	4.15217
	18.0	18.0	18.0	7.0	7.0	7.0	6.0	5.0
70	13.08676	10.74375	8.94122	7.34400	6.83400	6.60151	5.93264	4.81058
	54.0	54.0	18.0	18.0	8.0	7.0	7.0	6.0
75	19.16924	16.82623	14.61432	10.98592	8.17982	7.38998	6.72111	5.48642
	54.0	54.0	54.0	54.0	18.0	7.0	7.0	6.0
80	25.25171	22.90870	20.73192	17.74423	13.51823	10.56078	7.50958	6.16225
	54.0	54.0	54.0	54.0	54.0	42.0	7.0	6.0
85	31.33419	29.41208	27.49023	24.50254	20.27654	16.98458	8.48983	6.83808
	54.0	54.0	54.0	54.0	54.0	54.0	18.0	6.0
90	37.41667	36.17039	34.24854	31.26085	27.03485	23.74289	11.44704	7.56040
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
95	44.13753	42.92870	41.00685	38.01916	33.79316	30.50120	14.82620	8.34887
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0
100	50.89584	49.68701	47.76516	44.77747	40.55147	37.25951	18.20535	9.17225
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	8.0

STATION = 03028500 CLARION RIVER AT JOHNSONBURG, PA
AVERAGE FLOW (INCH/MONTH) 2.12207
DRAINAGE AREA (SQ MI) 204.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.01028	0.00880	0.00228	0.00000	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0
10	0.11390	0.09320	0.08260	0.07026	0.05966	0.04939	0.02986	0.00000
	2.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0
20	0.75379	0.62892	0.55816	0.46072	0.41862	0.38237	0.26197	0.11320
	4.0	3.0	3.0	3.0	2.0	2.0	2.0	1.0
30	1.60261	1.46447	1.38919	1.21552	1.11423	1.04722	0.76083	0.39091
	4.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0
40	2.69433	2.49321	2.38716	2.21832	2.11195	1.96999	1.59724	0.81533
	6.0	5.0	5.0	5.0	5.0	5.0	5.0	2.0
50	4.17880	3.88915	3.65219	3.49156	3.23503	3.05247	2.65828	1.53021
	7.0	7.0	7.0	6.0	6.0	6.0	5.0	4.0
55	5.09580	4.63187	4.39491	4.16029	3.90411	3.68909	3.18879	1.96274
	30.0	7.0	7.0	7.0	7.0	6.0	5.0	5.0
60	9.07241	7.09467	5.51083	4.90301	4.64683	4.42898	3.82092	2.49326
	54.0	30.0	30.0	7.0	7.0	7.0	6.0	5.0
65	15.14971	12.11224	10.69487	9.30408	6.70734	5.62961	4.55174	3.07050
	60.0	60.0	60.0	60.0	54.0	18.0	7.0	6.0
70	21.51592	18.47845	17.06108	15.67029	12.43693	10.28475	5.42967	3.70712
	60.0	60.0	60.0	60.0	54.0	54.0	27.0	6.0
75	27.88213	24.84466	23.42729	22.03650	18.78432	16.01434	8.29447	4.39979
	60.0	60.0	60.0	60.0	60.0	54.0	27.0	7.0
80	34.24834	31.21087	29.79350	28.40271	25.15053	21.74392	11.15926	5.14251
	60.0	60.0	60.0	60.0	60.0	54.0	27.0	7.0
85	40.61455	37.57708	36.15971	34.76892	31.51674	27.47351	14.02406	6.03041
	60.0	60.0	60.0	60.0	60.0	54.0	27.0	12.0
90	46.98076	43.94329	42.52592	41.13513	37.88295	33.20310	16.88885	7.30366
	60.0	60.0	60.0	60.0	60.0	54.0	27.0	12.0
95	53.34697	50.30950	48.89213	47.50134	44.24916	38.93269	19.75365	8.57690
	60.0	60.0	60.0	60.0	60.0	54.0	27.0	12.0
100	59.71318	56.67571	55.25834	53.86755	50.61537	44.66228	22.61844	9.85014
	60.0	60.0	60.0	60.0	60.0	54.0	27.0	12.0

STATION = 03029000 CLARION RIVER AT RIDGWAY, PA
AVERAGE FLOW (INCH/MONTH) 2.19308
DRAINAGE AREA (SQ MI) 303.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.02236	0.02082	0.01928	0.01636	0.01358	0.01174	0.00466	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0
10	0.18376	0.16837	0.15052	0.13267	0.12158	0.10450	0.08788	0.04455
	2.0	2.0	2.0	2.0	2.0	1.0	1.0	0.5
20	0.98251	0.95911	0.85691	0.79782	0.73872	0.68332	0.52911	0.34412
	4.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0
30	1.99225	1.93992	1.83373	1.72600	1.65828	1.58748	1.34140	0.95249
	5.0	5.0	5.0	5.0	5.0	5.0	4.0	3.0
40	3.27624	3.17282	2.98814	2.82254	2.75482	2.68402	2.33468	1.73108
	6.0	6.0	6.0	5.0	5.0	5.0	5.0	4.0
50	4.70244	4.48867	4.30399	4.12116	3.94201	3.83859	3.43599	2.73866
	7.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
55	5.47002	5.14659	4.96191	4.77908	4.59993	4.49651	4.09391	3.28693
	7.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
60	7.35531	5.82608	5.70110	5.49857	5.27880	5.15444	4.75184	3.83520
	18.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
65	9.37327	7.42765	6.76407	6.26614	6.04637	5.91064	5.43231	4.38347
	27.0	18.0	18.0	7.0	7.0	7.0	7.0	5.0
70	12.33393	9.40142	8.73784	7.72621	6.81395	6.67822	6.19989	5.03534
	27.0	18.0	18.0	18.0	7.0	7.0	7.0	6.0
75	15.29459	12.21430	10.71161	9.69998	7.58153	7.44580	6.96747	5.69326
	27.0	27.0	18.0	18.0	7.0	7.0	7.0	6.0
80	20.94444	15.57631	12.68538	11.67375	9.42597	8.21338	7.73505	6.35118
	54.0	42.0	18.0	18.0	18.0	7.0	7.0	6.0
85	26.86575	21.32440	18.52463	14.30651	11.39974	10.06691	8.50263	7.00911
	54.0	54.0	54.0	54.0	18.0	18.0	7.0	6.0
90	32.78707	27.24572	24.44595	20.22783	15.42001	12.47311	9.27020	7.77275
	54.0	54.0	54.0	54.0	54.0	30.0	7.0	7.0
95	38.70838	33.16703	30.36726	26.14914	21.99925	18.92114	10.65008	8.54033
	54.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0
100	44.62970	39.08835	36.28858	32.07046	28.57849	25.50038	12.62385	9.30791
	54.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0

STATION = 03029500 CLARION RIVER AT COOKSBURG, PA
AVERAGE FLOW (INCH/MONTH) 2.04045
DRAINAGE AREA (SQ MI) 807.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.01672	0.01336	0.01105	0.00757	0.00642	0.00505	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0
10	0.17143	0.13598	0.12409	0.10168	0.08646	0.08161	0.06131	0.02324
	2.0	2.0	2.0	2.0	1.0	1.0	1.0	0.5
20	0.74442	0.65649	0.63808	0.61568	0.58759	0.55151	0.37324	0.18846
	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.0
30	1.52366	1.45466	1.37493	1.31718	1.22577	1.16467	0.94801	0.54762
	4.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0
40	2.54380	2.36993	2.19111	2.13336	2.04195	1.98085	1.69337	1.10387
	6.0	6.0	4.0	4.0	4.0	4.0	4.0	3.0
50	3.80567	3.59420	3.36505	3.04962	2.90005	2.82631	2.56567	1.83021
	7.0	6.0	6.0	5.0	5.0	5.0	5.0	5.0
55	4.51982	4.26675	4.07920	3.68866	3.46531	3.38484	3.07578	2.34033
	7.0	7.0	7.0	7.0	6.0	6.0	5.0	5.0
60	5.23398	4.98091	4.79336	4.40282	4.13018	3.99698	3.62557	2.85044
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
65	6.17195	5.69507	5.50752	5.11698	4.84434	4.63281	4.23771	3.36055
	18.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
70	8.20413	6.40922	6.22167	5.83113	5.55849	5.34696	4.93033	3.92802
	30.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
75	11.59101	9.44600	8.26023	7.56833	6.37190	6.06112	5.64449	4.54016
	54.0	54.0	30.0	30.0	18.0	7.0	7.0	6.0
80	17.10022	14.95521	12.46461	10.99561	8.94610	7.63409	6.35865	5.15229
	54.0	54.0	54.0	54.0	54.0	18.0	7.0	6.0
85	22.60943	20.54374	18.58596	17.11696	15.06745	12.27175	7.07281	5.86140
	54.0	54.0	54.0	54.0	54.0	54.0	7.0	7.0
90	28.11865	26.66509	24.70731	23.23831	21.18880	18.39310	9.22421	6.57556
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
95	34.22789	32.78644	30.82866	29.35966	27.31015	24.51445	12.28489	7.28971
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0
100	40.34924	38.90779	36.95001	35.48101	33.43150	30.63580	15.34556	8.00387
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0

STATION = 03030500 CLARION RIVER NEAR PINEY, PA
AVERAGE FLOW (INCH/MONTH) 2.20237
DRAINAGE AREA (SQ MI) 915.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.05585	0.04437	0.04017	0.03581	0.03171	0.02971	0.01982	0.00000
	1.0	1.0	1.0	0.5	0.5	0.5	0.5	0.0
10	0.22052	0.18551	0.16194	0.13799	0.13062	0.12494	0.09329	0.05090
	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.5
20	0.89235	0.79315	0.73376	0.67865	0.61857	0.56651	0.44854	0.23568
	4.0	4.0	3.0	3.0	3.0	3.0	2.0	1.0
30	1.79626	1.67409	1.58385	1.53872	1.42165	1.32951	1.04683	0.63194
	5.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0
40	2.98553	2.78589	2.67194	2.58548	2.39678	2.27434	1.96405	1.23000
	6.0	6.0	5.0	5.0	5.0	5.0	5.0	3.0
50	4.38144	4.23313	3.93459	3.79060	3.49797	3.37553	3.06524	2.06891
	7.0	7.0	6.0	6.0	5.0	5.0	5.0	4.0
55	5.15226	5.00395	4.68535	4.45131	4.12977	3.97187	3.61583	2.60322
	7.0	7.0	7.0	6.0	6.0	6.0	5.0	5.0
60	5.92309	5.77478	5.45618	5.11202	4.79048	4.66340	4.16642	3.15381
	7.0	7.0	7.0	6.0	6.0	6.0	5.0	5.0
65	6.69392	6.54561	6.22701	5.78807	5.55740	5.43423	4.93145	3.70440
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	5.0
70	8.72199	8.04808	6.99784	6.55890	6.32823	6.20506	5.70228	4.32040
	30.0	30.0	7.0	7.0	7.0	7.0	7.0	6.0
75	14.05943	11.78586	9.36890	8.06575	7.09906	6.97589	6.47311	4.98111
	60.0	48.0	30.0	18.0	7.0	7.0	7.0	6.0
80	20.66654	17.98467	15.12513	12.15856	10.26293	8.20774	7.24394	5.64183
	60.0	60.0	60.0	54.0	54.0	54.0	7.0	6.0
85	27.27365	24.59178	21.73224	18.10496	16.20933	14.15414	8.01477	6.33455
	60.0	60.0	60.0	54.0	54.0	54.0	7.0	7.0
90	33.88076	31.19889	28.33935	24.17102	22.16042	20.10054	10.16064	7.10538
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	7.0
95	40.48787	37.80600	34.94646	30.77813	28.76753	26.04694	13.46420	7.87621
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	7.0
100	47.09498	44.41311	41.55357	37.38524	35.37464	31.99334	16.76775	8.65318
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	8.0

STATION = 03031500 ALLEGHENY RIVER AT PARKER, PA
AVERAGE FLOW (INCH/MONTH) 2.00009
DRAINAGE AREA (SQ MI) 7671.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.02311	0.01634	0.01508	0.01224	0.00993	0.00835	0.00256	0.00000
	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.0
10	0.18155	0.15316	0.13012	0.10625	0.09630	0.08883	0.07042	0.03352
	2.0	2.0	2.0	2.0	1.0	1.0	1.0	0.5
20	0.88398	0.81066	0.68497	0.63206	0.59840	0.57526	0.45546	0.24709
	4.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0
30	1.68402	1.61070	1.48501	1.41790	1.34679	1.28643	1.09404	0.74613
	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0
40	2.75407	2.61281	2.52667	2.41243	2.26423	2.17586	1.95098	1.43526
	6.0	6.0	6.0	5.0	5.0	5.0	5.0	4.0
50	4.01393	3.89171	3.72672	3.57714	3.32554	3.23950	2.95103	2.26418
	7.0	7.0	6.0	6.0	6.0	6.0	5.0	5.0
55	4.71396	4.59174	4.32675	4.17717	3.97230	3.83953	3.50557	2.76420
	7.0	7.0	6.0	6.0	6.0	6.0	6.0	5.0
60	5.48246	5.29177	4.98800	4.85021	4.67233	4.43955	4.10559	3.26422
	18.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
65	7.28254	5.99180	5.68803	5.55024	5.37236	5.13413	4.70562	3.78369
	18.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
70	9.08262	7.07549	6.51202	6.25027	6.07239	5.83416	5.30565	4.38372
	18.0	18.0	18.0	7.0	7.0	7.0	6.0	6.0
75	13.45169	9.57130	8.54976	7.51156	6.77242	6.53419	6.00101	4.98375
	54.0	30.0	30.0	18.0	7.0	7.0	7.0	6.0
80	18.85194	14.23611	12.84180	10.05893	8.33612	7.57933	6.70104	5.59072
	54.0	54.0	54.0	42.0	42.0	42.0	7.0	7.0
85	24.25218	20.23638	18.84207	15.35403	13.24323	11.77952	7.40653	6.29076
	54.0	54.0	54.0	54.0	54.0	42.0	8.0	7.0
90	29.65242	26.23665	24.84234	21.20960	19.24350	16.41291	9.16929	6.99079
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
95	35.05267	32.23692	30.84261	27.20987	25.24377	21.81316	12.16943	7.73251
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	8.0
100	40.97566	38.23719	36.84288	33.21014	31.24404	27.21340	15.16956	8.53255
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	8.0

STATION = 03031950 BIG RUN NEAR SPRANKLE MILLS, PA
AVERAGE FLOW (INCH/MONTH) 2.04077
DRAINAGE AREA (SQ MI) 7.4

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.04458	0.04458	0.03378	0.03378	0.02803	0.02803	0.02228	0.00000
	1.0	1.0	0.5	0.5	0.5	0.5	0.5	0.0
10	0.15540	0.14662	0.12363	0.12363	0.11213	0.10064	0.07776	0.04458
	2.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5
20	0.74195	0.63851	0.57566	0.53517	0.50069	0.43173	0.33380	0.21287
	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.0
30	1.62512	1.51020	1.39536	1.30011	1.20816	1.16219	0.90614	0.53517
	5.0	5.0	5.0	4.0	4.0	4.0	3.0	2.0
40	2.69208	2.62312	2.48530	2.34739	2.20957	2.07165	1.72646	1.19728
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	4.0
50	4.00638	3.84758	3.70976	3.57185	3.43403	3.29611	2.88256	2.11493
	7.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
55	4.72064	4.55974	4.39894	4.23813	4.04626	3.90834	3.49479	2.62512
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
60	5.47601	5.27401	5.11321	4.95240	4.71115	4.52057	4.10702	3.21095
	8.0	7.0	7.0	7.0	7.0	6.0	6.0	6.0
65	7.37839	5.98828	5.82748	5.66667	5.42542	5.18417	4.71925	3.82318
	30.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
70	10.43954	7.96547	7.09517	6.38094	6.13969	5.89844	5.41582	4.43541
	30.0	30.0	30.0	7.0	7.0	7.0	7.0	6.0
75	15.78834	12.47090	11.00764	10.23324	9.02637	6.62424	6.13009	5.08473
	60.0	54.0	54.0	54.0	54.0	42.0	7.0	7.0
80	21.91065	18.12955	17.12995	16.35555	15.14868	12.22529	6.84436	5.79900
	60.0	60.0	60.0	60.0	60.0	60.0	7.0	7.0
85	28.03296	24.25186	23.25226	22.47786	21.27099	18.34760	8.80300	6.51327
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0
90	34.15527	30.37417	29.37457	28.60017	27.39330	24.46991	11.86415	7.24902
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	8.0
95	40.27758	36.49648	35.49688	34.72248	33.51561	30.59222	14.92531	8.06533
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	8.0
100	46.39989	42.61879	41.61919	40.84479	39.63792	36.71453	17.98646	8.88164
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	8.0

STATION = 03032500 REDBANK CREEK AT ST. CHARLES, PA
AVERAGE FLOW (INCH/MONTH) 1.86178
DRAINAGE AREA (SQ MI) 528.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.04207	0.03650	0.02956	0.02704	0.02124	0.01993	0.01530	0.00541
	1.0	1.0	1.0	1.0	1.0	0.5	0.5	0.5
10	0.23436	0.19870	0.18850	0.16336	0.14538	0.13328	0.09457	0.05513
	3.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0
20	0.83012	0.75450	0.73703	0.71327	0.66825	0.64679	0.53613	0.31177
	4.0	4.0	3.0	3.0	3.0	3.0	3.0	2.0
30	1.57484	1.49922	1.45704	1.40613	1.35038	1.30631	1.09466	0.77785
	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0
40	2.39781	2.31956	2.20175	2.15084	2.09509	2.05102	1.76818	1.33639
	5.0	5.0	4.0	4.0	4.0	4.0	4.0	3.0
50	3.45548	3.29381	3.17768	2.96164	2.83980	2.79573	2.56591	1.97151
	7.0	7.0	7.0	7.0	4.0	4.0	4.0	4.0
55	4.10710	3.94543	3.82930	3.61326	3.39837	3.28014	3.03136	2.36071
	7.0	7.0	7.0	7.0	7.0	7.0	5.0	5.0
60	4.75873	4.59706	4.48093	4.26489	4.05000	3.93177	3.49680	2.82615
	7.0	7.0	7.0	7.0	7.0	7.0	5.0	5.0
65	5.87458	5.24868	5.13255	4.91651	4.70162	4.58339	4.04611	3.29160
	18.0	7.0	7.0	7.0	7.0	7.0	7.0	5.0
70	8.12834	6.58941	5.78417	5.56813	5.35324	5.23501	4.69773	3.75704
	30.0	30.0	7.0	7.0	7.0	7.0	7.0	5.0
75	10.99231	9.38208	7.74699	6.52843	6.01055	5.88664	5.34936	4.38010
	54.0	30.0	30.0	30.0	8.0	7.0	7.0	7.0
80	16.39988	12.82204	11.59286	9.71049	8.19721	6.94857	6.03834	5.03172
	60.0	60.0	54.0	42.0	42.0	30.0	8.0	7.0
85	21.98522	18.40738	16.61966	14.58016	13.24473	12.17943	6.78305	5.68334
	60.0	60.0	54.0	54.0	54.0	54.0	8.0	7.0
90	27.57056	23.99272	22.08721	20.16550	18.83007	17.76477	8.18028	6.33496
	60.0	60.0	60.0	60.0	60.0	60.0	27.0	7.0
95	33.15590	29.57806	27.67255	25.75084	24.41541	23.35011	10.69369	6.98859
	60.0	60.0	60.0	60.0	60.0	60.0	27.0	8.0
100	38.74124	35.16340	33.25789	31.33618	30.00075	28.93545	13.20709	7.73330
	60.0	60.0	60.0	60.0	60.0	60.0	27.0	8.0

STATION = 03034000 MAHONING CREEK AT PUNXSUTAWNEY, PA
AVERAGE FLOW (INCH/MONTH) 1.97176
DRAINAGE AREA (SQ MI) 158.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.01497	0.01206	0.00953	0.00722	0.00543	0.00364	0.00000	0.00000
	1.0	0.5	0.5	0.5	0.5	0.5	0.0	0.0
10	0.16241	0.12760	0.11530	0.10710	0.09163	0.08222	0.06991	0.03600
	2.0	2.0	2.0	2.0	2.0	1.0	1.0	0.5
20	0.77086	0.75035	0.68061	0.62748	0.59823	0.57204	0.44277	0.26436
	4.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0
30	1.55956	1.53905	1.46931	1.38306	1.28051	1.19226	1.03429	0.72033
	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0
40	2.34827	2.32776	2.25802	2.17177	2.06922	1.98097	1.74704	1.31186
	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0
50	3.33386	3.22868	3.10551	3.00285	2.90282	2.80279	2.55655	1.90339
	5.0	5.0	5.0	5.0	5.0	5.0	5.0	3.0
55	4.00713	3.79887	3.59845	3.49579	3.39576	3.29573	3.04949	2.25281
	7.0	7.0	5.0	5.0	5.0	5.0	5.0	4.0
60	4.69724	4.48898	4.26273	4.06519	3.88870	3.78867	3.54243	2.64716
	7.0	7.0	7.0	7.0	5.0	5.0	5.0	4.0
65	5.38736	5.17910	4.95285	4.75531	4.49309	4.35309	4.03537	3.10670
	7.0	7.0	7.0	7.0	7.0	7.0	5.0	5.0
70	8.01607	6.27645	5.64296	5.44542	5.18320	5.04320	4.60857	3.59964
	30.0	18.0	7.0	7.0	7.0	7.0	7.0	5.0
75	11.36619	8.84142	7.82102	6.25008	5.90386	5.73332	5.29869	4.18900
	48.0	30.0	30.0	18.0	8.0	7.0	7.0	7.0
80	16.09841	13.00062	11.63216	10.53562	8.17867	7.17906	5.98881	4.87912
	48.0	48.0	48.0	48.0	48.0	30.0	7.0	7.0
85	20.86790	18.61243	17.54744	16.45090	13.97550	12.76293	6.74246	5.56923
	60.0	60.0	60.0	60.0	60.0	60.0	8.0	7.0
90	26.78318	24.52771	23.46272	22.36618	19.89078	18.67821	8.82281	6.25935
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0
95	32.69846	30.44299	29.37800	28.28146	25.80606	24.59349	11.78045	7.00643
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	8.0
100	38.61374	36.35827	35.29328	34.19674	31.72134	30.50877	14.73809	7.79513
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	8.0

STATION = 03034500 LITTLE MAHONING CREEK AT McCORMICK, PA
AVERAGE FLOW (INCH/MONTH) 1.98524
DRAINAGE AREA (SQ MI) 87.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00243	0.00188	0.00081	0.00000	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0
5	0.10633	0.09775	0.06711	0.06281	0.05639	0.05102	0.03815	0.02068
	2.0	2.0	1.0	1.0	1.0	1.0	1.0	0.5
10	0.36724	0.33829	0.27719	0.24697	0.22339	0.21267	0.15264	0.09132
	3.0	3.0	3.0	2.0	2.0	2.0	2.0	1.0
20	1.14224	1.00932	0.94928	0.89354	0.85495	0.82064	0.61869	0.37387
	4.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0
30	2.14554	1.96482	1.82011	1.69147	1.64905	1.61474	1.33174	0.87982
	6.0	5.0	5.0	5.0	4.0	4.0	4.0	3.0
40	3.33669	3.09871	2.93147	2.78998	2.60344	2.48577	2.21778	1.65415
	6.0	6.0	6.0	6.0	6.0	5.0	5.0	4.0
50	4.52783	4.35948	4.12686	3.98112	3.79458	3.65951	3.26717	2.51896
	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
55	5.19689	5.05431	4.82169	4.64159	4.39015	4.25508	3.86274	3.01527
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
60	5.98729	5.79004	5.51653	5.33643	5.03627	4.85065	4.45831	3.51158
	8.0	8.0	7.0	7.0	7.0	6.0	6.0	5.0
65	6.78139	6.58414	6.24111	6.03126	5.73110	5.52099	5.07826	4.05694
	8.0	8.0	8.0	7.0	7.0	7.0	7.0	6.0
70	8.11727	7.37823	7.03520	6.72610	6.42594	6.21583	5.77310	4.65251
	18.0	8.0	8.0	7.0	7.0	7.0	7.0	6.0
75	11.90679	9.60063	8.53778	7.74290	7.13465	6.91066	6.46793	5.24808
	54.0	54.0	18.0	18.0	8.0	7.0	7.0	6.0
80	17.26694	14.96078	11.46136	9.52962	7.92875	7.69720	7.16276	5.84365
	54.0	54.0	42.0	18.0	8.0	8.0	7.0	6.0
85	22.62709	20.32093	16.77351	14.84308	10.66001	9.53429	7.85760	6.51441
	54.0	54.0	54.0	54.0	48.0	42.0	7.0	7.0
90	27.98723	25.68107	22.72923	20.79880	15.81934	13.70585	8.58216	7.20924
	54.0	54.0	54.0	54.0	54.0	48.0	8.0	7.0
95	33.34738	31.47400	28.68495	26.75452	21.55025	18.47042	10.01344	7.90408
	54.0	54.0	54.0	54.0	54.0	48.0	24.0	7.0
100	38.70753	37.42972	34.64067	32.71024	27.50597	23.23500	12.69627	8.59891
	54.0	54.0	54.0	54.0	54.0	48.0	30.0	7.0

STATION = 03036000 MAHONING CREEK AT MAHONING CREEK DAM, PA
AVERAGE FLOW (INCH/MONTH) 1.96479
DRAINAGE AREA (SQ MI) 344.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.04809	0.04239	0.03995	0.03290	0.02667	0.02445	0.01835	0.00507
	1.0	1.0	1.0	1.0	1.0	0.5	0.5	0.5
10	0.23463	0.21294	0.19451	0.17173	0.15275	0.13757	0.10241	0.05632
	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0
20	0.92115	0.85392	0.80620	0.72053	0.67542	0.65752	0.48916	0.29357
	4.0	4.0	4.0	4.0	3.0	3.0	3.0	2.0
30	1.76028	1.64855	1.61465	1.50645	1.45982	1.39475	1.15943	0.76872
	6.0	5.0	5.0	4.0	4.0	4.0	4.0	3.0
40	2.93916	2.82204	2.70492	2.52598	2.35844	2.23376	1.94909	1.44432
	6.0	6.0	6.0	6.0	6.0	5.0	5.0	4.0
50	4.38022	4.03197	3.91810	3.70485	3.53731	3.39252	3.00863	2.32826
	8.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0
55	5.16614	4.71964	4.60577	4.29429	4.12675	3.98196	3.59807	2.81945
	8.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0
60	5.95205	5.40732	5.29345	4.97462	4.78864	4.66148	4.18750	3.31065
	8.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
65	6.73797	6.09499	5.98112	5.66229	5.47631	5.34915	4.80259	3.80185
	8.0	7.0	7.0	7.0	7.0	7.0	7.0	5.0
70	7.91626	6.83850	6.73657	6.34997	6.16399	6.03683	5.49027	4.36271
	30.0	8.0	8.0	7.0	7.0	7.0	7.0	6.0
75	10.96532	8.45509	7.65536	7.09955	6.85167	6.72451	6.17795	4.95215
	54.0	18.0	18.0	8.0	7.0	7.0	7.0	6.0
80	16.27026	13.25496	10.39679	8.72520	7.64273	7.41218	6.86562	5.54158
	54.0	54.0	42.0	18.0	18.0	7.0	7.0	6.0
85	21.57519	18.55989	15.11824	12.20319	9.70998	8.62652	7.55330	6.22484
	54.0	54.0	54.0	54.0	42.0	18.0	7.0	7.0
90	26.88012	23.86482	21.01261	18.09756	14.46801	12.50736	8.24098	6.91252
	54.0	54.0	54.0	54.0	54.0	54.0	7.0	7.0
95	32.18506	29.16976	26.90698	23.99193	20.36238	18.40173	9.01581	7.60019
	54.0	54.0	54.0	54.0	54.0	54.0	27.0	7.0
100	37.48999	34.47469	32.80135	29.88630	26.25675	24.29610	11.66828	8.28787
	54.0	54.0	54.0	54.0	54.0	54.0	27.0	7.0

STATION = 03036500 ALLEGHENY RIVER AT KITTANNING, PA
AVERAGE FLOW (INCH/MONTH) 1.98923
DRAINAGE AREA (SQ MI) 8973.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.01684	0.01468	0.01358	0.01032	0.00732	0.00502	0.00000	0.00000
	1.0	0.5	0.5	0.5	0.5	0.5	0.0	0.0
10	0.19343	0.16644	0.13144	0.09980	0.09249	0.08586	0.06537	0.02826
	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.5
20	0.76337	0.69577	0.63935	0.59327	0.55769	0.53359	0.39391	0.20913
	4.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0
30	1.60750	1.48095	1.43505	1.38022	1.34110	1.28135	1.02495	0.64331
	5.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0
40	2.61996	2.48001	2.38897	2.28162	2.16345	2.07931	1.82064	1.32844
	6.0	6.0	6.0	5.0	5.0	5.0	4.0	4.0
50	3.81350	3.67355	3.58251	3.37746	3.29146	3.09652	2.78004	2.12413
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	4.0
55	4.44059	4.35023	4.17928	3.97423	3.88823	3.69329	3.32847	2.62108
	7.0	7.0	6.0	6.0	6.0	6.0	6.0	5.0
60	5.14899	5.04646	4.79415	4.62957	4.48500	4.29006	3.92524	3.11839
	8.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
65	5.94469	5.74269	5.49038	5.32580	5.17840	4.88683	4.52201	3.61570
	8.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
70	7.13500	6.69127	6.23849	6.04417	5.87463	5.55014	5.11878	4.15302
	18.0	18.0	8.0	8.0	7.0	7.0	6.0	6.0
75	8.92531	8.48158	7.03418	6.83986	6.57086	6.24637	5.78480	4.74979
	18.0	18.0	8.0	8.0	7.0	7.0	7.0	6.0
80	12.02843	11.20698	8.81410	8.10847	7.26709	6.94260	6.48103	5.34655
	54.0	54.0	18.0	18.0	7.0	7.0	7.0	6.0
85	17.39935	16.57790	13.86304	10.71626	9.05075	7.66592	7.17726	5.96230
	54.0	54.0	54.0	54.0	18.0	8.0	7.0	7.0
90	22.83807	21.94882	19.23396	16.08718	12.91938	10.19355	7.87349	6.65853
	60.0	54.0	54.0	54.0	54.0	54.0	7.0	7.0
95	28.80576	27.31974	24.60488	21.45810	18.88707	16.16124	8.56972	7.35476
	60.0	54.0	54.0	54.0	54.0	54.0	7.0	7.0
100	34.77345	33.04183	30.20735	27.11685	24.85476	22.12893	10.33043	8.05099
	60.0	60.0	60.0	60.0	60.0	60.0	24.0	7.0

STATION = 03038000 CROOKED CREEK AT IDAHO, PA
AVERAGE FLOW (INCH/MONTH) 1.73689
DRAINAGE AREA (SQ MI) 191.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00087	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.06627	0.05650	0.04679	0.04143	0.03654	0.03508	0.02267	0.01095
	2.0	2.0	1.0	1.0	1.0	1.0	0.5	0.5
10	0.27351	0.23249	0.22370	0.19733	0.16867	0.15988	0.10680	0.06431
	3.0	3.0	3.0	3.0	2.0	2.0	1.0	1.0
20	0.95396	0.88169	0.84848	0.76059	0.72348	0.64340	0.51038	0.31682
	4.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0
30	1.84025	1.72599	1.61759	1.50912	1.41824	1.34556	1.16629	0.77950
	6.0	6.0	6.0	5.0	4.0	4.0	4.0	3.0
40	2.95604	2.76813	2.65973	2.53668	2.38140	2.27593	1.96009	1.44892
	7.0	6.0	6.0	6.0	6.0	6.0	5.0	4.0
50	4.24830	3.98045	3.74119	3.57881	3.42353	3.31806	2.98993	2.30363
	8.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0
55	4.94306	4.58836	4.43524	4.15086	4.02098	3.83913	3.51100	2.76979
	8.0	7.0	7.0	7.0	7.0	6.0	6.0	6.0
60	5.63781	5.22374	5.12999	4.75877	4.62889	4.43063	4.03206	3.29085
	8.0	8.0	8.0	7.0	7.0	7.0	6.0	6.0
65	6.33257	5.91850	5.82475	5.41068	5.23680	5.03854	4.57711	3.81192
	8.0	8.0	8.0	8.0	7.0	7.0	7.0	6.0
70	8.04944	6.65897	6.51950	6.10543	5.84471	5.64645	5.18502	4.33299
	30.0	18.0	8.0	8.0	7.0	7.0	7.0	6.0
75	11.78791	9.74198	8.04167	7.23699	6.48769	6.25720	5.79293	4.85406
	54.0	54.0	18.0	18.0	8.0	8.0	7.0	6.0
80	16.47751	14.43158	11.01733	8.80020	7.53662	6.95196	6.40084	5.38569
	54.0	54.0	54.0	18.0	18.0	8.0	7.0	7.0
85	21.16711	19.12118	15.70693	12.83934	10.21381	8.80469	7.04906	5.99361
	54.0	54.0	54.0	54.0	42.0	42.0	8.0	7.0
90	25.85671	23.81078	20.39653	18.05001	14.81681	12.45216	7.74382	6.60152
	54.0	54.0	54.0	54.0	54.0	42.0	8.0	7.0
95	30.54632	28.50039	25.08614	23.26068	20.02748	17.14549	8.97869	7.20943
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
100	35.23592	33.18999	29.91624	28.47135	25.23815	22.35616	11.58402	7.83643
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	8.0

STATION = 03039000 CROOKED CREEK AT CROOKED CREEK DAM, PA
AVERAGE FLOW (INCH/MONTH) 1.69006
DRAINAGE AREA (SQ MI) 278.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00510	0.00442	0.00291	0.00240	0.00123	0.00057	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0
5	0.10124	0.07441	0.06202	0.05766	0.05330	0.05163	0.03820	0.02111
	2.0	2.0	1.0	1.0	1.0	1.0	1.0	0.5
10	0.33652	0.28417	0.24937	0.22623	0.19913	0.18369	0.13606	0.08883
	4.0	4.0	3.0	3.0	2.0	2.0	2.0	1.0
20	1.01255	0.96020	0.88507	0.80590	0.72806	0.66681	0.55812	0.35866
	4.0	4.0	4.0	4.0	4.0	3.0	3.0	2.0
30	2.01353	1.82778	1.73576	1.55661	1.45317	1.38272	1.21331	0.81766
	6.0	6.0	6.0	6.0	5.0	5.0	5.0	4.0
40	3.35774	3.01082	2.78303	2.57064	2.44785	2.36129	2.05834	1.49369
	8.0	7.0	7.0	6.0	6.0	6.0	5.0	4.0
50	4.70979	4.27232	3.96607	3.65844	3.47762	3.40247	3.05530	2.28944
	8.0	8.0	7.0	7.0	7.0	7.0	6.0	5.0
55	5.38581	4.94834	4.55759	4.24996	4.06914	3.99399	3.56232	2.71195
	8.0	8.0	7.0	7.0	7.0	7.0	6.0	5.0
60	6.06184	5.62437	5.15739	4.88901	4.66066	4.58551	4.06934	3.19172
	8.0	8.0	8.0	8.0	7.0	7.0	6.0	6.0
65	6.73786	6.30039	5.83341	5.56503	5.25218	5.17703	4.58994	3.69873
	8.0	8.0	8.0	8.0	7.0	7.0	7.0	6.0
70	8.12436	7.31224	6.50944	6.24106	5.84370	5.76855	5.18146	4.20575
	27.0	18.0	8.0	8.0	7.0	7.0	7.0	6.0
75	12.35656	10.87608	7.74749	7.06341	6.49571	6.36008	5.77299	4.73971
	54.0	54.0	18.0	18.0	8.0	7.0	7.0	7.0
80	16.91972	15.43924	10.36513	8.58446	7.17173	6.95160	6.37195	5.33123
	54.0	54.0	54.0	18.0	8.0	7.0	7.0	7.0
85	21.48288	20.00240	15.43531	11.63215	8.88891	7.72838	7.04798	5.92275
	54.0	54.0	54.0	42.0	30.0	18.0	8.0	7.0
90	26.04605	24.56557	20.50549	16.10689	13.30081	10.79307	7.72400	6.51427
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	7.0
95	30.60921	29.12873	25.57567	21.17707	18.37099	15.86325	8.40003	7.10579
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	7.0
100	35.17237	33.69189	30.64585	26.24725	23.44117	20.93343	10.29185	7.69731
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0

STATION = 03039200 CLEAR RUN NEAR BUCKSTOWN, PA
AVERAGE FLOW (INCH/MONTH) 1.90493
DRAINAGE AREA(SQ MI) 3.7

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.08908	0.04455	0.04455	0.04455	0.04455	0.04455	0.02227	0.02227
	2.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5
10	0.34343	0.26737	0.22888	0.19132	0.17829	0.17829	0.12758	0.08908
	3.0	3.0	2.0	2.0	2.0	2.0	2.0	1.0
20	1.01701	1.01701	0.91572	0.91572	0.81431	0.71290	0.61080	0.40716
	4.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0
30	1.90832	1.84366	1.71690	1.71690	1.57629	1.47488	1.27218	0.96807
	6.0	5.0	5.0	5.0	4.0	4.0	4.0	4.0
40	3.05128	2.79612	2.66936	2.66936	2.41596	2.41596	2.03580	1.73004
	6.0	5.0	5.0	5.0	5.0	5.0	5.0	4.0
50	4.19424	3.89003	3.73803	3.62183	3.43392	3.36843	2.98827	2.49201
	6.0	6.0	6.0	5.0	5.0	5.0	5.0	4.0
55	4.76572	4.49548	4.31813	4.15740	4.00540	3.85329	3.54917	2.95769
	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
60	5.33966	5.16221	4.98486	4.72888	4.57688	4.42477	4.12065	3.43392
	7.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0
65	6.00638	5.82893	5.65158	5.30036	5.14836	4.99625	4.69213	3.93181
	7.0	7.0	7.0	6.0	6.0	6.0	6.0	6.0
70	8.56876	7.19754	6.64517	6.08393	5.78614	5.60869	5.26361	4.50329
	27.0	18.0	18.0	18.0	7.0	7.0	6.0	6.0
75	13.30769	10.69024	8.35961	7.79837	6.84921	6.27541	5.92060	5.07477
	54.0	54.0	18.0	18.0	18.0	7.0	7.0	6.0
80	18.45101	15.83356	13.04107	9.75581	8.56364	7.65504	6.58733	5.64624
	54.0	54.0	54.0	27.0	18.0	18.0	7.0	6.0
85	23.59432	20.97687	18.18438	3.56344	10.75725	9.36948	7.25405	6.21772
	54.0	54.0	54.0	54.0	54.0	18.0	7.0	6.0
90	28.73763	26.12018	23.32769	9.27823	15.90056	13.34475	8.48865	6.85633
	54.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0
95	33.90562	31.26349	28.47100	4.99302	21.55013	18.48806	10.20308	7.52305
	60.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0
100	39.62041	36.75863	33.85107	0.70781	27.26492	23.63137	12.78914	8.18978
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	7.0

STATION = 03040000 STONYCREEK RIVER AT FERNDALE, PA
AVERAGE FLOW (INCH/MONTH) 1.84176
DRAINAGE AREA (SQ MI) 415.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.07506	0.06071	0.05486	0.04584	0.04225	0.03888	0.02788	0.01270
	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.5
10	0.30669	0.29053	0.26022	0.24001	0.21300	0.19817	0.15461	0.07643
	3.0	3.0	3.0	3.0	2.0	2.0	2.0	1.0
20	1.09976	0.98667	0.94537	0.86905	0.77833	0.74421	0.60233	0.37346
	5.0	4.0	4.0	4.0	4.0	4.0	4.0	2.0
30	2.08802	2.03549	1.84555	1.75124	1.62104	1.57276	1.33903	0.91132
	6.0	6.0	6.0	5.0	5.0	5.0	4.0	3.0
40	3.28050	3.14054	2.95060	2.80243	2.62192	2.49364	2.23883	1.68877
	7.0	6.0	6.0	6.0	6.0	5.0	5.0	5.0
50	4.56973	4.25543	4.05741	3.90749	3.72698	3.51551	3.22453	2.60965
	7.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0
55	5.21435	4.90005	4.70203	4.53545	4.36415	4.13942	3.77706	3.07009
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
60	5.85896	5.54466	5.34664	5.18006	5.00876	4.78403	4.36443	3.53053
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	5.0
65	6.66001	6.18928	5.99126	5.82468	5.65338	5.42865	5.00905	4.05774
	18.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
70	8.31760	7.03318	6.63587	6.46929	6.29799	6.07326	5.65366	4.61027
	18.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
75	10.25053	8.69076	7.74656	7.11391	6.94261	6.71788	6.29828	5.19820
	42.0	18.0	18.0	7.0	7.0	7.0	7.0	7.0
80	14.34621	10.57052	9.48432	8.67342	7.72972	7.36250	6.94290	5.84282
	54.0	54.0	30.0	18.0	18.0	7.0	7.0	7.0
85	19.31896	15.84522	13.39923	11.43412	9.38731	8.27063	7.58751	6.48743
	54.0	54.0	54.0	30.0	18.0	18.0	7.0	7.0
90	24.54150	21.37050	18.92451	16.66247	12.66438	10.83497	8.23213	7.13205
	60.0	60.0	60.0	60.0	60.0	30.0	7.0	7.0
95	30.06678	26.89578	24.44979	22.18775	18.18966	15.08510	8.95351	7.77666
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	7.0
100	35.59206	32.42106	29.97507	27.71303	23.71494	20.05785	11.71615	8.42128
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	7.0

STATION = 03041000 LITTLE CONEMAUGH RIVER AT EAST CONEMAUGH, PA
AVERAGE FLOW (INCH/MONTH) 1.88887
DRAINAGE AREA (SQ MI) 183.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.05856	0.05473	0.04913	0.04302	0.03792	0.03182	0.01999	0.00369
	2.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5
10	0.26423	0.23826	0.21995	0.20059	0.17718	0.15275	0.10335	0.05091
	3.0	2.0	2.0	2.0	2.0	2.0	1.0	0.5
20	0.93681	0.87164	0.76981	0.70719	0.66442	0.62318	0.50863	0.29530
	4.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0
30	1.83032	1.63431	1.60121	1.50194	1.38279	1.32780	1.15267	0.73927
	5.0	5.0	5.0	5.0	4.0	4.0	4.0	3.0
40	2.93311	2.74626	2.60574	2.45300	2.31400	2.25545	1.99071	1.42150
	7.0	6.0	6.0	6.0	5.0	5.0	5.0	4.0
50	4.25532	3.97377	3.76706	3.58632	3.33279	3.23809	2.93515	2.27583
	7.0	7.0	7.0	6.0	6.0	6.0	5.0	5.0
55	4.91642	4.63488	4.42817	4.16089	3.89945	3.80475	3.41984	2.74805
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
60	5.57752	5.29598	5.08927	4.82199	4.54044	4.40501	3.98650	3.22027
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
65	6.23863	5.95709	5.75038	5.48310	5.20155	5.06612	4.58143	3.69249
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	5.0
70	6.97027	6.71072	6.41148	6.14420	5.86265	5.72722	5.24253	4.23394
	18.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
75	9.52587	8.41071	7.34016	6.80531	6.52376	6.38833	5.90364	4.80061
	30.0	18.0	18.0	7.0	7.0	7.0	7.0	6.0
80	13.32365	11.22504	9.92666	8.16000	7.23561	7.04943	6.56474	5.38509
	60.0	54.0	30.0	18.0	18.0	7.0	7.0	7.0
85	18.99026	16.32499	13.68446	11.78933	9.53676	8.02364	7.22585	6.04620
	60.0	54.0	54.0	54.0	30.0	18.0	7.0	7.0
90	24.65687	21.86416	19.35107	17.45594	13.47860	10.76255	7.88695	6.70730
	60.0	60.0	60.0	60.0	54.0	42.0	7.0	7.0
95	30.32348	27.53077	25.01768	23.12255	18.57855	15.26012	8.93947	7.36841
	60.0	60.0	60.0	60.0	54.0	54.0	30.0	7.0
100	35.99009	33.19738	30.68429	28.78916	24.00079	20.36007	11.77278	8.02951
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	7.0

STATION = 03041500 CONEMAUGH RIVER AT SEWARD, PA
AVERAGE FLOW (INCH/MONTH) 2.02771
DRAINAGE AREA (SQ MI) 715.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.00789	0.00498	0.00385	0.00154	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0
20	0.37353	0.35787	0.33048	0.31163	0.26585	0.24403	0.19257	0.10434
	3.0	3.0	3.0	3.0	2.0	2.0	2.0	1.0
30	1.26464	1.16266	1.04539	0.99320	0.95431	0.93250	0.76128	0.47989
	5.0	5.0	4.0	4.0	4.0	4.0	4.0	3.0
40	2.36067	2.21553	2.14580	2.01560	1.90201	1.84805	1.65002	1.22611
	7.0	6.0	6.0	6.0	5.0	5.0	5.0	4.0
50	3.78007	3.54598	3.38994	3.27539	3.11341	2.98321	2.70146	2.19192
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
55	4.48976	4.25568	4.09963	3.98508	3.78836	3.61986	3.30977	2.69885
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
60	5.19946	4.96538	4.80933	4.69478	4.49806	4.32956	3.91809	3.29911
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
65	6.42351	5.91780	5.51903	5.40448	5.20776	5.03926	4.59434	3.90742
	18.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
70	8.71452	7.74274	6.69897	6.18473	5.91746	5.74896	5.30404	4.51573
	42.0	18.0	18.0	18.0	7.0	7.0	7.0	6.0
75	13.55452	10.58388	9.42207	8.14353	7.24589	6.45866	6.01374	5.21107
	54.0	54.0	54.0	30.0	30.0	7.0	7.0	7.0
80	19.02934	16.66701	15.50520	12.74576	10.28746	8.99334	6.73812	5.92077
	54.0	54.0	54.0	54.0	30.0	30.0	8.0	7.0
85	24.50416	22.75014	21.58833	18.82889	15.30731	13.46449	7.97635	6.63046
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
90	30.19158	28.83327	27.67146	24.91202	21.39044	18.93931	11.01792	7.34016
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	7.0
95	36.27471	34.91640	33.75459	30.99515	27.47357	24.41412	14.05949	8.14306
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	8.0
100	42.35784	40.99953	39.83772	37.07828	33.55670	29.88894	17.10105	8.95414
	60.0	60.0	60.	60.0	60.0	54.0	30.0	8.0

STATION = 03042000 BLACKLICK CREEK AT JOSEPHINE, PA
AVERAGE FLOW (INCH/MONTH) 2.18074
DRAINAGE AREA (SQ MI) 192.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.11114	0.09347	0.08648	0.07852	0.07412	0.06882	0.04850	0.02448
	2.0	2.0	1.0	1.0	1.0	1.0	1.0	0.5
20	0.72952	0.66990	0.62221	0.58909	0.55200	0.50564	0.38391	0.21094
	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.0
30	1.74543	1.62841	1.53126	1.43874	1.34579	1.28154	1.11726	0.70415
	5.0	5.0	5.0	4.0	4.0	4.0	4.0	3.0
40	3.03733	2.90220	2.78563	2.60281	2.43616	2.36330	2.09834	1.45434
	6.0	6.0	6.0	6.0	5.0	5.0	5.0	4.0
50	4.50438	4.39001	4.26636	3.99744	3.75324	3.55886	3.18871	2.51309
	7.0	7.0	7.0	7.0	7.0	6.0	5.0	5.0
55	5.26764	5.15327	5.02962	4.76070	4.51650	4.22903	3.83685	3.05827
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
60	6.20246	5.91653	5.79288	5.52396	5.27976	4.99229	4.49107	3.61143
	30.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
65	9.47357	6.90661	6.55614	6.28722	6.04302	5.75555	5.18988	4.26566
	30.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
70	12.74468	8.86927	7.83938	7.05048	6.80628	6.51881	5.95314	4.91988
	30.0	18.0	18.0	7.0	7.0	7.0	7.0	6.0
75	16.51588	14.89498	11.54868	9.11624	8.02776	7.28206	6.71639	5.57410
	54.0	54.0	54.0	30.0	18.0	7.0	7.0	6.0
80	23.00027	21.43720	18.09090	14.62927	10.60567	9.02349	7.47965	6.32976
	60.0	60.0	60.0	54.0	54.0	30.0	7.0	7.0
85	29.54249	27.97942	24.63312	20.51727	17.14789	14.78903	8.33947	7.09302
	60.0	60.0	60.0	54.0	54.0	54.0	8.0	7.0
90	36.08471	34.52164	31.17534	26.40526	23.69011	20.67702	11.48700	7.85628
	60.0	60.0	60.0	54.0	54.0	54.0	30.0	7.0
95	42.62693	41.06386	37.71756	32.77761	30.23233	26.56502	14.75811	8.61954
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	7.0
100	49.16915	47.60608	44.25978	39.31983	36.77455	32.45302	18.02922	9.43024
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	8.0

STATION = 03042200 LITTLE YELLOW CREEK NEAR STRONGSTOWN, PA
AVERAGE FLOW (INCH/MONTH) 2.02723
DRAINAGE AREA (SQ MI) 7.4

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00381	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.06331	0.05065	0.03803	0.03170	0.03170	0.03170	0.01905	0.00630
	1.0	1.0	0.5	0.5	0.5	0.5	0.5	0.5
10	0.20273	0.17733	0.15203	0.12671	0.12671	0.11407	0.10131	0.05698
	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.5
20	0.91223	0.86151	0.81081	0.70939	0.60809	0.57013	0.45607	0.30404
	4.0	4.0	4.0	4.0	4.0	3.0	3.0	2.0
30	1.90045	1.77373	1.64702	1.58356	1.45685	1.39350	1.16556	0.79806
	5.0	5.0	5.0	5.0	5.0	5.0	4.0	3.0
40	2.96457	2.81256	2.66063	2.59717	2.47046	2.40711	2.15368	1.58348
	6.0	6.0	5.0	5.0	5.0	5.0	5.0	5.0
50	4.25685	4.07943	3.99077	3.80078	3.64877	3.49664	3.19252	2.59710
	7.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0
55	4.96638	4.78896	4.70030	4.43423	4.25694	4.10481	3.80069	3.10390
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
60	5.67591	5.49849	5.40983	5.14376	4.96634	4.78892	4.40886	3.64858
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
65	6.84374	6.20802	6.11936	5.85329	5.67587	5.49845	5.05497	4.25675
	18.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
70	9.20201	8.14415	7.61148	6.56282	6.38540	6.20798	5.76450	4.87740
	27.0	27.0	18.0	7.0	7.0	7.0	7.0	7.0
75	13.02503	10.88091	9.43599	8.13726	7.11953	6.91751	6.47403	5.58693
	60.0	27.0	18.0	18.0	18.0	7.0	7.0	7.0
80	19.10672	15.32360	13.08044	0.43945	8.94403	8.17602	7.18356	6.29646
	60.0	54.0	42.0	42.0	18.0	18.0	7.0	7.0
85	25.18841	20.79712	18.29811	5.81852	12.58386	10.15125	7.90551	7.00599
	60.0	54.0	54.0	54.0	42.0	27.0	8.0	7.0
90	31.27010	26.27064	4.14973	1.35881	18.22232	15.63227	8.71641	7.71552
	60.0	54.0	54.0	54.0	54.0	54.0	8.0	7.0
95	37.35179	32.31038	30.23142	7.44050	24.30401	21.71396	11.27092	8.42505
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0
100	43.43348	38.39207	36.31311	3.52219	30.38570	27.79565	14.31176	9.13458
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0

STATION = 03042280 YELLOW CREEK NEAR HOMER CITY, PA
AVERAGE FLOW (INCH/MONTH) 2.08940
DRAINAGE AREA (SQ MI) 57.4

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.01083	0.00591	0.00020	0.00000	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0
10	0.10008	0.07736	0.07411	0.06596	0.05298	0.04649	0.03219	0.01104
	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5
20	0.68400	0.60569	0.57314	0.52739	0.48867	0.42984	0.35677	0.22486
	5.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0
30	1.72870	1.57431	1.47685	1.35688	1.32443	1.25943	1.10994	0.78857
	5.0	5.0	5.0	4.0	4.0	4.0	4.0	3.0
40	2.85036	2.69439	2.55789	2.46043	2.30436	2.26154	2.07468	1.60122
	6.0	6.0	6.0	6.0	6.0	5.0	5.0	4.0
50	4.10559	3.94803	3.81153	3.71407	3.55800	3.44107	3.11938	2.62385
	7.0	6.0	6.0	6.0	6.0	6.0	5.0	5.0
55	4.83688	4.63214	4.45010	4.34089	4.18852	4.06789	3.74613	3.14620
	7.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0
60	6.42455	5.36343	5.18139	5.05630	4.91981	4.79472	4.37295	3.66855
	27.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
65	9.57996	7.39210	6.82474	6.13507	5.65110	5.52601	5.09379	4.27842
	54.0	27.0	18.0	18.0	7.0	7.0	7.0	6.0
70	15.22134	11.29407	9.07980	8.01553	6.77603	6.25730	5.82508	4.92663
	54.0	54.0	27.0	18.0	18.0	7.0	7.0	7.0
75	20.86272	16.93545	14.67182	2.22465	9.60811	7.89543	6.55637	5.65792
	54.0	54.0	54.0	54.0	54.0	18.0	7.0	7.0
80	26.50410	23.05619	20.76415	8.49285	15.24949	12.57200	7.41727	6.38921
	54.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0
85	32.14548	29.32439	7.03235	4.76105	21.03184	18.84020	9.55370	7.12050
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
90	38.34940	35.59259	33.30055	1.02925	27.30004	25.10840	12.68780	7.85179
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0
95	44.61760	41.86079	39.56875	7.29745	33.56824	31.37660	15.82190	8.60039
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	8.0
100	50.88580	48.12899	45.83695	3.56565	39.83644	37.64480	18.95600	9.43615
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	8.0

STATION = 03042500 TWO LICK CREEK AT GRACETON, PA
AVERAGE FLOW (INCH/MONTH) 1.86926
DRAINAGE AREA (SQ MI) 171.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.08453	0.03249	0.02101	0.00000	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0
40	1.48435	0.92606	0.11447	0.08517	0.04890	0.02144	0.00000	0.00000
	18.0	18.0	0.5	0.5	0.5	0.5	0.0	0.0
50	4.84902	4.29073	3.00937	2.20811	1.47451	0.76069	0.06738	0.00000
	18.0	18.0	16.0	16.0	16.0	16.0	0.5	0.0
55	6.53135	5.97306	4.50478	3.89044	3.15684	2.33760	0.55473	0.00000
	18.0	18.0	16.0	16.0	16.0	16.0	16.0	0.0
60	10.83070	7.65540	6.10756	5.57278	4.83918	4.01994	2.05014	0.00000
	48.0	18.0	18.0	18.0	18.0	18.0	16.0	0.0
65	16.09192	12.18939	10.30919	8.10505	6.52151	5.70227	3.60599	0.00000
	60.0	54.0	54.0	42.0	18.0	18.0	18.0	0.0
70	21.69970	17.69035	15.83728	13.47103	11.60400	9.87599	5.28833	0.04511
	60.0	60.0	60.0	60.0	60.0	54.0	18.0	0.5
75	27.30748	23.29813	21.44506	19.07881	17.21178	14.92299	8.07600	0.09184
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	0.5
80	32.91526	28.90591	27.05284	24.68659	22.81956	19.96999	10.87989	0.13857
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	0.5
85	38.52304	34.51369	32.66062	30.29437	28.42734	25.01699	13.68378	0.18531
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	0.5
90	44.13082	40.12147	38.26840	35.90215	34.03512	30.06400	16.48767	0.23204
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	0.5
95	49.73860	45.72925	43.87618	41.50993	39.64290	35.11100	19.29156	0.27877
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	0.5
100	55.34638	51.33703	49.48396	47.11771	45.25068	40.15800	22.09545	0.32550
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	0.5

STATION = 03043000 BLACKLICK CREEK AT BLACKLICK, PA
AVERAGE FLOW (INCH/MONTH) 1.96755
DRAINAGE AREA (SQ MI) 390.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.04165	0.03526	0.03097	0.02683	0.02463	0.02221	0.01758	0.00000
	1.0	1.0	1.0	0.5	0.5	0.5	0.5	0.0
10	0.20605	0.18688	0.16441	0.14007	0.12906	0.10952	0.09488	0.04871
	2.0	2.0	2.0	2.0	2.0	1.0	1.0	0.5
20	0.84997	0.82695	0.79060	0.65380	0.58940	0.56208	0.45525	0.26286
	4.0	4.0	4.0	4.0	3.0	3.0	3.0	2.0
30	1.81258	1.71497	1.62886	1.50340	1.40174	1.34908	1.09751	0.69901
	6.0	5.0	5.0	5.0	5.0	4.0	4.0	3.0
40	3.06179	2.88694	2.72624	2.52831	2.38552	2.28749	1.98020	1.35740
	7.0	6.0	6.0	6.0	5.0	5.0	5.0	4.0
50	4.43908	4.12770	3.90677	3.70884	3.51653	3.33150	3.03158	2.26083
	7.0	7.0	6.0	6.0	6.0	6.0	6.0	5.0
55	5.12772	4.81634	4.57536	4.37281	4.10680	3.92177	3.62185	2.75271
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
60	5.81636	5.50498	5.26400	5.06145	4.75845	4.58101	4.21211	3.33395
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
65	6.58883	6.19362	5.95264	5.75009	5.44709	5.26965	4.87457	3.92422
	18.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
70	10.16091	7.53862	6.71366	6.52823	6.19726	6.02511	5.56322	4.51448
	54.0	18.0	18.0	8.0	8.0	8.0	7.0	6.0
75	15.47329	9.72235	8.48446	8.16548	7.08467	6.81213	6.25186	5.15374
	54.0	42.0	18.0	18.0	18.0	8.0	7.0	7.0
80	20.78568	14.87712	12.34706	9.93627	8.85546	8.07764	6.98500	5.84238
	54.0	54.0	54.0	18.0	18.0	18.0	8.0	7.0
85	26.09807	20.18951	17.65944	4.79819	10.69246	9.84843	7.77202	6.53102
	54.0	54.0	54.0	54.0	42.0	18.0	8.0	7.0
90	31.41045	25.98205	22.97183	0.11057	15.64601	14.15998	8.55904	7.21967
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	7.0
95	36.72283	31.88470	28.28421	5.42295	21.54866	20.06263	9.89995	7.90831
	54.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0
100	42.03522	37.78735	33.59660	1.19966	27.45131	25.96528	12.77354	8.62556
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	8.0

STATION = 03044000 CONEMAUGH RIVER AT TUNNELTON, PA
AVERAGE FLOW (INCH/MONTH) 1.98031
DRAINAGE AREA(SQ MI) 1358.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.01966	0.01174	0.00999	0.00553	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0
10	0.11499	0.09146	0.07567	0.06898	0.05680	0.04999	0.03808	0.00621
	2.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5
20	0.57441	0.54219	0.47288	0.43094	0.38711	0.35883	0.28878	0.14845
	3.0	3.0	3.0	3.0	3.0	2.0	2.0	1.0
30	1.43585	1.31160	1.22135	1.18289	1.11996	1.05752	0.85074	0.51125
	5.0	5.0	4.0	4.0	4.0	4.0	4.0	3.0
40	2.57856	2.34330	2.29460	2.18748	2.06576	1.98554	1.76577	1.24405
	6.0	6.0	6.0	6.0	5.0	5.0	5.0	4.0
50	3.91336	3.60744	3.53883	3.40596	3.20634	3.07298	2.75593	2.19777
	7.0	7.0	7.0	7.0	6.0	6.0	5.0	5.0
55	4.60646	4.30054	4.23193	4.09906	3.89847	3.67514	3.32207	2.69284
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
60	5.29957	4.99365	4.92504	4.79217	4.59158	4.36825	3.92553	3.25013
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
65	7.01859	5.89193	5.61815	5.48528	5.28469	5.06136	4.61864	3.84422
	18.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
70	8.80087	7.67421	6.93121	6.20165	5.97780	5.75447	5.31175	4.43831
	18.0	18.0	18.0	18.0	7.0	7.0	7.0	6.0
75	13.26890	10.52295	9.10994	8.03580	6.98502	6.44758	6.00486	5.10677
	54.0	54.0	54.0	30.0	30.0	7.0	7.0	7.0
80	18.61574	16.45253	15.05087	11.81833	9.95549	8.54031	6.69797	5.79988
	54.0	54.0	54.0	54.0	30.0	30.0	7.0	7.0
85	24.33243	22.39346	20.99180	17.33946	14.89942	12.60288	7.47499	6.49298
	60.0	60.0	60.0	60.0	60.0	54.0	8.0	7.0
90	30.27336	28.33439	26.93273	23.28039	20.84035	17.94972	9.93656	7.18609
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	7.0
95	36.21429	34.27532	32.87366	29.22132	26.78128	23.29655	12.90702	7.87920
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	7.0
100	42.15522	40.21625	38.81459	35.16225	32.72221	28.64339	15.87749	8.65563
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	8.0

STATION = 03045000 LOYALHANNA CREEK AT KINGSTON, PA
AVERAGE FLOW (INCH/MONTH) 1.96195
DRAINAGE AREA (SQ MI) 172.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00562	0.00464	0.00366	0.00241	0.00143	0.00020	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0
5	0.11142	0.09761	0.07888	0.06705	0.06310	0.05965	0.04585	0.02514
	2.0	2.0	2.0	2.0	1.0	1.0	0.0	0.1
10	0.38155	0.33719	0.32093	0.28100	0.24056	0.22578	0.18339	0.10106
	3.0	3.0	3.0	3.0	2.0	2.0	2.0	1.0
20	1.17080	1.09685	1.01747	0.95635	0.90706	0.85184	0.68424	0.42691
	5.0	5.0	4.0	4.0	4.0	4.0	4.0	2.0
30	2.19172	2.11482	2.01721	1.91024	1.77713	1.72785	1.47643	1.00173
	6.0	6.0	6.0	5.0	5.0	5.0	5.0	4.0
40	3.36889	3.29199	3.19438	2.99623	2.81877	2.72708	2.45741	1.80428
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	5.0
50	4.73439	4.47216	4.37155	4.23751	4.01324	3.90425	3.48131	2.78526
	7.0	7.0	6.0	6.0	6.0	6.0	6.0	5.0
55	5.42107	5.15884	5.05186	4.92419	4.69992	4.49284	4.06989	3.29206
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	6.0
60	6.27151	5.84552	5.73854	5.61087	5.38660	5.17266	4.65848	3.88064
	30.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
65	9.21443	7.17700	6.42522	6.29755	6.07328	5.85934	5.25204	4.46922
	30.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
70	12.15736	8.94276	7.55109	6.98423	6.75996	6.54602	5.93872	5.05781
	30.0	18.0	18.0	7.0	7.0	7.0	7.0	6.0
75	15.77922	12.66085	10.87151	8.43571	7.55836	7.23271	6.62541	5.64640
	54.0	54.0	54.0	18.0	18.0	7.0	7.0	6.0
80	21.07648	18.54670	16.75736	13.55299	10.79636	9.33122	7.31209	6.23498
	54.0	54.0	54.0	54.0	54.0	30.0	7.0	6.0
85	26.55850	24.43255	22.64321	18.85025	16.45266	13.88491	8.03334	6.90150
	60.0	60.0	60.0	54.0	54.0	54.0	8.0	7.0
90	32.44435	30.31840	28.52906	24.14752	22.33851	19.18218	10.28624	7.58819
	60.0	60.0	60.0	54.0	54.0	54.0	30.0	7.0
95	38.33020	36.20425	34.41491	29.62228	28.22436	24.47945	13.22917	8.27487
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	7.0
100	44.21605	42.09010	40.30076	35.50813	34.11021	29.77671	16.17209	8.97197
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	8.0

STATION = 03045500 LOYALHANNA CREEK AT NEW ALEXANDRIA, PA
AVERAGE FLOW (INCH/MONTH) 1.86764
DRAINAGE AREA (SQ MI) 265.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.01944	0.01798	0.01665	0.01398	0.01220	0.00920	0.00185	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0
10	0.13910	0.10298	0.09419	0.08930	0.07939	0.07550	0.05759	0.03474
	2.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5
20	0.69736	0.63393	0.58332	0.52833	0.44699	0.40371	0.34094	0.20153
	4.0	4.0	4.0	3.0	3.0	3.0	2.0	2.0
30	1.60702	1.42891	1.35503	1.24448	1.16281	1.13188	0.92348	0.63456
	6.0	5.0	5.0	4.0	4.0	4.0	4.0	3.0
40	2.72761	2.54603	2.42564	2.20601	2.08113	2.01082	1.79430	1.24539
	6.0	6.0	6.0	6.0	5.0	5.0	5.0	4.0
50	3.91794	3.82682	3.54622	3.42038	3.27495	3.11752	2.83458	2.16857
	7.0	7.0	6.0	6.0	6.0	6.0	6.0	5.0
55	4.63629	4.48049	4.19476	4.07405	3.92862	3.74882	3.39487	2.67478
	8.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
60	5.38334	5.13417	4.84844	4.72773	4.58230	4.40250	4.04524	3.23507
	8.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
65	6.35755	5.80662	5.58699	5.38140	5.23597	5.05617	4.69891	3.79537
	27.0	8.0	8.0	7.0	7.0	7.0	7.0	6.0
70	8.87887	6.84848	6.48331	6.11163	5.96810	5.72031	5.35259	4.38449
	27.0	18.0	18.0	8.0	8.0	8.0	7.0	7.0
75	12.05314	9.08346	8.16419	7.26396	6.71516	6.46737	6.00626	5.03816
	54.0	27.0	18.0	18.0	8.0	8.0	7.0	7.0
80	17.09577	13.55170	10.33109	8.94484	8.19026	7.28336	6.72176	5.69183
	54.0	54.0	54.0	18.0	18.0	18.0	8.0	7.0
85	22.13840	18.59433	5.37372	1.93257	9.87113	8.96423	7.46881	6.34551
	54.0	54.0	54.0	54.0	18.0	18.0	8.0	7.0
90	27.18102	23.63695	0.41634	7.37244	14.50515	12.36449	8.21587	6.99918
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	7.0
95	32.22365	28.67958	25.45897	2.97536	19.62723	17.96741	9.02616	7.65286
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
100	37.26628	33.78828	0.96955	8.57828	25.23015	23.57033	11.82762	8.35290
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	8.0

STATION = 03047000 LOYALHANNA CREEK AT LOYALHANNA DAM, PA
AVERAGE FLOW (INCH/MONTH) 1.88973
DRAINAGE AREA(SQ MI) 292.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.04529	0.03701	0.03124	0.02797	0.02457	0.02094	0.01335	0.00000
	1.0	1.0	1.0	0.5	0.5	0.5	0.5	0.0
10	0.20857	0.17978	0.14420	0.12119	0.11166	0.10146	0.08139	0.04098
	3.0	3.0	2.0	2.0	1.0	1.0	1.0	0.5
20	0.86277	0.74783	0.70056	0.63412	0.55989	0.51680	0.40265	0.23589
	4.0	4.0	4.0	4.0	3.0	3.0	2.0	2.0
30	1.69982	1.59848	1.47072	1.40848	1.31428	1.24435	1.01049	0.65441
	6.0	5.0	5.0	5.0	5.0	4.0	4.0	3.0
40	2.84531	2.63810	2.50208	2.35335	2.25915	2.15055	1.86465	1.31416
	7.0	6.0	6.0	5.0	5.0	5.0	5.0	4.0
50	4.16813	3.89980	3.70753	3.59804	3.35614	3.22395	2.80952	2.17070
	7.0	7.0	7.0	7.0	6.0	6.0	5.0	5.0
55	4.82953	4.56121	4.36894	4.25944	3.92306	3.79087	3.36735	2.64314
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
60	5.49094	5.22262	5.03035	4.92085	4.48998	4.35779	3.93427	3.13506
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	6.0
65	7.03300	6.04098	5.69175	5.58225	5.17112	4.97405	4.55155	3.70198
	27.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
70	9.58414	7.74174	7.07199	6.24366	5.92701	5.63546	5.21296	4.26890
	27.0	18.0	18.0	7.0	7.0	7.0	7.0	6.0
75	14.00020	9.87437	8.77274	7.63379	6.68290	6.36605	5.87436	4.83581
	54.0	27.0	18.0	18.0	8.0	8.0	7.0	6.0
80	19.10248	13.55982	10.97592	9.33455	8.07633	7.42460	6.53577	5.43581
	54.0	54.0	27.0	18.0	18.0	18.0	7.0	7.0
85	24.20475	18.66209	15.91360	12.06992	9.77709	9.12536	7.22883	6.09721
	54.0	54.0	54.0	54.0	18.0	18.0	8.0	7.0
90	29.30702	23.76436	21.01587	17.17219	13.76914	11.00359	7.98473	6.75862
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	7.0
95	34.40929	28.86663	26.11814	22.27446	18.87141	16.67278	9.14559	7.42002
	54.0	54.0	54.0	54.0	54.0	54.0	18.0	7.0
100	39.51156	33.96890	31.56190	27.58207	24.38014	22.34197	11.04186	8.08143
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0

STATION = 03047500 KISKIMINETAS RIVER AT AVONMORE, PA
AVERAGE FLOW (INCH/MONTH) 1.98402
DRAINAGE AREA (SQ MI) 1723.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.02093	0.01604	0.01431	0.01311	0.01061	0.00800	0.00127	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0
10	0.12801	0.10445	0.10055	0.09392	0.08480	0.07894	0.06058	0.03197
	2.0	2.0	1.0	1.0	1.0	1.0	1.0	0.5
20	0.73024	0.69017	0.59093	0.54911	0.49698	0.44551	0.35464	0.19858
	4.0	4.0	3.0	3.0	3.0	3.0	2.0	2.0
30	1.67951	1.57550	1.43171	1.35548	1.27912	1.19435	0.93555	0.60968
	6.0	5.0	5.0	5.0	5.0	4.0	4.0	3.0
40	2.86992	2.75751	2.56713	2.38859	2.27113	2.14527	1.88603	1.26282
	6.0	6.0	6.0	6.0	5.0	5.0	5.0	4.0
50	4.21600	3.94792	3.83404	3.66549	3.45817	3.31228	2.96583	2.18625
	7.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
55	4.91041	4.62391	4.52845	4.35990	4.15258	3.92300	3.56104	2.71819
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
60	5.60481	5.38568	5.22285	5.05430	4.84698	4.61740	4.24262	3.31339
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
65	6.41682	6.17928	5.91726	5.74871	5.54139	5.31181	4.93703	3.90860
	27.0	8.0	7.0	7.0	7.0	7.0	7.0	6.0
70	10.12073	7.70913	7.02169	6.54076	6.29521	6.04066	5.63144	4.53423
	54.0	18.0	18.0	8.0	8.0	8.0	7.0	7.0
75	15.47758	10.54804	8.80731	8.02364	7.10725	6.83427	6.32585	5.22864
	54.0	54.0	18.0	18.0	18.0	8.0	7.0	7.0
80	20.83443	15.90489	2.95733	0.16928	8.89287	8.22422	7.03806	5.92304
	54.0	54.0	54.0	27.0	18.0	18.0	8.0	7.0
85	26.19129	21.26175	18.31419	5.06157	11.92797	10.00984	7.83167	6.61745
	54.0	54.0	54.0	54.0	54.0	18.0	8.0	7.0
90	31.54814	26.98343	23.67104	0.61936	17.28482	14.60692	8.62527	7.31186
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	7.0
95	36.90500	32.93549	29.02790	6.57142	22.74821	19.96378	10.58072	8.00626
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
100	42.26185	38.88755	4.38475	2.52348	28.70027	25.32063	13.55675	8.72899
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	8.0

STATION = 03048500 KISKIMINETAS RIVER AT VANDERGRIFT, PA
AVERAGE FLOW (INCH/MONTH) 1.91264
DRAINAGE AREA(SQ MI) 1825.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.01530	0.01082	0.00629	0.00267	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0
10	0.10759	0.08692	0.07791	0.06890	0.06345	0.05834	0.03631	0.01477
	2.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5
20	0.62606	0.57085	0.52500	0.49881	0.44124	0.41866	0.33068	0.16646
	4.0	3.0	3.0	3.0	3.0	3.0	2.0	1.0
30	1.48500	1.40183	1.31751	1.25642	1.18613	1.13430	0.95794	0.61240
	5.0	5.0	5.0	5.0	4.0	4.0	4.0	3.0
40	2.63703	2.45766	2.35481	2.29432	2.10868	2.05223	1.83482	1.30803
	7.0	6.0	6.0	6.0	5.0	5.0	5.0	4.0
50	3.97588	3.73426	3.59539	3.50564	3.31181	3.11354	2.80441	2.21390
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
55	4.64530	4.40368	4.26481	4.17506	3.98123	3.78156	3.37820	2.69206
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
60	5.31473	5.07311	4.93424	4.84449	4.65066	4.45099	3.95312	3.26405
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
65	6.94606	6.13766	5.60366	5.51391	5.32008	5.12041	4.62254	3.83785
	18.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
70	9.34385	7.85903	6.97355	6.35897	5.98951	5.78984	5.29197	4.41164
	30.0	18.0	18.0	18.0	7.0	7.0	7.0	6.0
75	13.01727	10.57529	8.77049	8.08035	6.85478	6.45926	5.96139	5.06155
	54.0	54.0	30.0	18.0	18.0	7.0	7.0	7.0
80	18.66121	15.73942	14.00288	11.02154	9.57751	8.45901	6.65338	5.73097
	60.0	54.0	54.0	54.0	30.0	30.0	8.0	7.0
85	24.39913	21.43966	19.74080	16.73600	14.06517	12.24071	7.41843	6.40040
	60.0	60.0	60.0	60.0	54.0	54.0	8.0	7.0
90	30.13705	27.17758	25.47872	22.47392	19.26041	17.40483	9.58251	7.06982
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	7.0
95	35.87497	32.91550	31.21664	28.21184	24.99833	22.56896	12.45147	7.77001
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	8.0
100	41.61289	38.65342	36.95456	33.94976	30.73625	27.73309	15.32043	8.53507
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	8.0

STATION = 03049000 BUFFALO CREEK NEAR FREEPORT, PA
AVERAGE FLOW (INCH/MONTH) 1.59493
DRAINAGE AREA (SQ MI) 137.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.07284	0.06294	0.05057	0.04200	0.03890	0.03705	0.02715	0.01232
	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.5
10	0.31369	0.27408	0.26497	0.23712	0.21298	0.19813	0.15066	0.08258
	4.0	4.0	3.0	3.0	3.0	3.0	2.0	2.0
20	1.00700	0.96059	0.91108	0.87396	0.81207	0.77493	0.70659	0.47610
	5.0	5.0	5.0	5.0	5.0	5.0	4.0	3.0
30	1.90173	1.86831	1.78291	1.71978	1.65294	1.57240	1.46719	1.10692
	6.0	6.0	6.0	6.0	6.0	5.0	5.0	4.0
40	2.92358	2.87160	2.78930	2.67674	2.60990	2.51336	2.29057	1.90262
	7.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0
50	4.04004	3.98806	3.90576	3.78445	3.69781	3.58951	3.24753	2.79080
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
55	5.47077	4.93076	4.46398	4.34267	4.25603	4.14773	3.80550	3.26928
	30.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
60	7.86316	6.36619	5.75230	4.90090	4.81426	4.70596	4.36373	3.76590
	30.0	18.0	18.0	7.0	7.0	7.0	7.0	7.0
65	10.31196	8.78741	7.18774	6.21602	5.37248	5.26418	4.92195	4.32412
	54.0	54.0	18.0	18.0	7.0	7.0	7.0	7.0
70	14.64314	13.57220	11.48601	8.48201	6.94271	6.12087	5.49071	4.88235
	60.0	60.0	60.0	54.0	30.0	30.0	8.0	7.0
75	19.42793	18.35699	16.27080	12.78833	11.10200	9.42950	6.12868	5.44057
	60.0	60.0	60.0	54.0	54.0	54.0	8.0	7.0
80	24.21272	23.14178	21.05559	17.09464	15.40831	13.73581	7.80473	5.99880
	60.0	60.0	60.0	54.0	54.0	54.0	30.0	7.0
85	28.99751	27.92657	25.84038	21.84748	20.11176	18.04212	10.19713	6.55702
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	7.0
90	33.78230	32.71136	30.62517	26.63227	24.89655	22.34843	12.58952	7.18609
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	8.0
95	38.56709	37.49615	35.40996	31.41706	29.68134	26.65474	14.98192	7.82406
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	8.0
100	43.35188	42.28094	40.19475	36.20185	34.46613	30.96105	17.37431	8.46203
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	8.0

STATION = 03049500 ALLEGHENY RIVER AT NATRONA, PA
AVERAGE FLOW (INCH/MONTH) 1.94299
DRAINAGE AREA(SQ MI) 11410.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00715	0.00495	0.00217	0.00000	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0
10	0.13116	0.09587	0.08034	0.07466	0.06008	0.05245	0.03050	0.00701
	2.0	2.0	1.0	1.0	1.0	1.0	0.5	0.5
20	0.66498	0.63386	0.60637	0.51959	0.47377	0.44254	0.32805	0.16367
	4.0	4.0	3.0	3.0	3.0	3.0	2.0	1.0
30	1.54688	1.42898	1.35020	1.28436	1.18185	1.13789	0.91308	0.57014
	5.0	5.0	4.0	4.0	4.0	4.0	4.0	3.0
40	2.55207	2.41902	2.27193	2.20332	2.11828	1.98533	1.72501	1.22260
	6.0	6.0	5.0	5.0	5.0	5.0	5.0	4.0
50	3.77606	3.58498	3.45505	3.31267	3.11783	2.96938	2.69651	1.99980
	8.0	7.0	7.0	6.0	6.0	6.0	5.0	4.0
55	4.55326	4.26502	4.13509	3.91595	3.70073	3.55228	3.22473	2.44476
	8.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
60	5.33045	4.94507	4.81514	4.59600	4.37929	4.16593	3.80762	2.93051
	8.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
65	6.35321	5.62511	5.49518	5.27604	5.05933	4.84597	4.39052	3.43725
	18.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
70	8.10190	6.85937	6.18379	5.95609	5.73938	5.52602	4.97342	4.02015
	18.0	18.0	8.0	7.0	7.0	7.0	6.0	6.0
75	10.47246	8.60806	7.60341	6.83388	6.46012	6.20607	5.63866	4.60305
	27.0	18.0	18.0	18.0	8.0	7.0	7.0	6.0
80	13.81028	11.12971	9.35211	8.58258	7.23732	6.90259	6.31870	5.18594
	42.0	27.0	18.0	18.0	8.0	8.0	7.0	6.0
85	17.89056	16.17393	13.72740	10.33127	8.72787	7.67978	6.99875	5.77034
	42.0	42.0	42.0	18.0	18.0	8.0	7.0	7.0
90	22.47428	21.42000	18.97347	15.00499	12.12389	9.59287	7.67880	6.45039
	54.0	54.0	54.0	54.0	54.0	42.0	7.0	7.0
95	27.89045	26.66608	24.21955	20.82508	17.49689	15.14940	8.36559	7.13043
	60.0	54.0	54.0	54.0	54.0	54.0	8.0	7.0
100	33.71942	32.37958	30.00352	26.65405	23.32586	20.97837	11.27261	7.81048
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0

STATION: 03063000 MONONGAHELA RIVER AT L & D 8 AT POINT MARION, PA
AVERAGE FLOW (INCH/MONTH): 1.89275
DRAINAGE AREA (SQUARE MILE): 2720.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000[1]	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0[2]	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.01036	0.00709	0.00600	0.00363	0.00065	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.5	0.0	0.0	0.0
10	0.12118	0.08601	0.08210	0.07407	0.06513	0.05846	0.03869	0.02299
	2.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5
20	0.65253	0.58833	0.54035	0.46651	0.41710	0.39234	0.29872	0.17480
	4.0	3.0	3.0	3.0	3.0	3.0	2.0	1.0
30	1.66763	1.41075	1.31197	1.20723	1.12881	1.05179	0.89885	0.54462
	6.0	5.0	5.0	5.0	5.0	4.0	4.0	3.0
40	2.80328	2.51370	2.44762	2.30223	2.16157	2.04992	1.78455	1.28940
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	5.0
50	4.10197	3.83089	3.63342	3.52986	3.35403	3.18557	2.83464	2.23577
	8.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
55	4.85907	4.58711	4.29588	4.19232	4.01649	3.84565	3.45999	2.75562
	8.0	8.0	7.0	7.0	7.0	7.0	7.0	6.0
60	5.61617	5.34421	5.04015	4.91627	4.76504	4.60275	4.12245	3.32344
	8.0	8.0	8.0	8.0	8.0	8.0	7.0	6.0
65	6.37827	6.10131	5.79725	5.67337	5.52214	5.35985	4.80435	3.89127
	10.0	8.0	8.0	8.0	8.0	8.0	8.0	6.0
70	8.10305	7.02540	6.55435	6.43047	6.27924	6.11695	5.56145	4.45909
	27.0	18.0	8.0	8.0	8.0	8.0	8.0	6.0
75	11.09400	8.72888	7.85438	7.19459	7.03634	6.87405	6.31855	5.12090
	54.0	18.0	18.0	10.0	8.0	8.0	8.0	7.0
80	16.20443	11.98221	9.55785	8.40685	7.79344	7.63115	7.07565	5.78336
	54.0	54.0	18.0	18.0	8.0	8.0	8.0	7.0
85	21.31485	17.09263	13.57980	1.22829	9.89667	8.38825	7.83275	6.44582
	54.0	54.0	54.0	54.0	30.0	8.0	8.0	7.0
90	26.42528	22.20306	18.69023	16.90654	12.73580	10.70000	8.58985	7.15163
	54.0	54.0	54.0	54.0	30.0	30.0	8.0	8.0
95	31.53570	27.31348	23.80066	22.58479	18.13886	15.25327	9.34695	7.90873
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	8.0
100	36.64613	32.42391	28.91108	28.26304	23.81711	20.36370	11.43108	8.66583
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	8.0

[1]storage in inches
[2]critical duration in months

STATION = 03072000 DUNKARD CREEK AT SHANNOPIN, PA
AVERAGE FLOW (INCH/MONTH) 1.36187
DRAINAGE AREA (SQ MI) 229.0

DRAFT RATE AS PERCENT OF MEAN FLOW

	RETURN PERIOD							
	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.01019	0.00932	0.00671	0.00585	0.00400	0.00357	0.00217	0.00000
	2.0	2.0	1.0	1.0	0.5	0.5	0.5	0.0
5	0.18602	0.15019	0.13703	0.12851	0.11145	0.09559	0.07347	0.03711
	4.0	4.0	3.0	3.0	3.0	3.0	2.0	1.0
10	0.48341	0.45491	0.41218	0.38510	0.36396	0.34108	0.26779	0.15181
	5.0	5.0	5.0	4.0	4.0	4.0	4.0	2.0
20	1.26530	1.19439	1.16266	1.10157	1.02792	0.99736	0.85477	0.58122
	6.0	6.0	6.0	6.0	5.0	5.0	5.0	4.0
30	2.19568	2.07878	2.04176	1.93911	1.84218	1.79402	1.58636	1.20380
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
40	3.14899	3.03209	2.99507	2.89242	2.79549	2.71853	2.40348	1.88474
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
50	4.21267	3.98540	3.94837	3.84572	3.74879	3.67183	3.29556	2.68058
	8.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
55	4.75742	4.46205	4.42503	4.32238	4.22545	4.14849	3.77222	3.08914
	8.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
60	6.20142	5.60021	4.90168	4.79903	4.70210	4.62514	4.24887	3.49770
	30.0	30.0	7.0	7.0	7.0	7.0	7.0	6.0
65	8.31208	7.64301	5.42659	5.27569	5.17876	5.10180	4.72553	3.90626
	42.0	30.0	8.0	7.0	7.0	7.0	7.0	6.0
70	11.17201	9.68582	7.41523	5.96195	5.68142	5.57845	5.20218	4.31482
	42.0	30.0	30.0	30.0	8.0	7.0	7.0	6.0
75	14.03194	11.72863	9.45804	8.00476	6.22617	6.05511	5.67884	4.75230
	42.0	30.0	30.0	30.0	8.0	7.0	7.0	7.0
80	17.68119	14.35670	12.29957	10.04756	8.17504	6.81152	6.15549	5.22895
	60.0	60.0	54.0	30.0	30.0	18.0	7.0	7.0
85	21.76680	18.44231	15.97662	13.69870	10.21784	8.82481	6.63215	5.70561
	60.0	60.0	54.0	54.0	30.0	30.0	7.0	7.0
90	25.85241	22.52792	20.00098	17.37575	13.27890	11.02580	7.13054	6.18226
	60.0	60.0	60.0	54.0	48.0	48.0	8.0	7.0
95	29.93802	26.61353	24.08659	21.05280	16.91539	14.29429	8.14659	6.65892
	60.0	60.0	60.0	54.0	54.0	48.0	27.0	7.0
100	34.02363	30.69914	28.17220	24.92251	21.00100	17.56278	9.98511	7.13557
	60.0	60.0	60.0	60.0	60.0	48.0	27.0	7.0

STATION = 03072500 MONONGAHELA RIVER AT GREENSBORO, PA
AVERAGE FLOW (INCH/MONTH) 2.12142
DRAINAGE AREA (SQ MI) 4407.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.03186	0.02521	0.02059	0.01862	0.01701	0.01345	0.00767	0.00000
	1.0	1.0	0.5	0.5	0.5	0.5	0.5	0.0
10	0.21340	0.18077	0.15742	0.12119	0.10817	0.10180	0.07939	0.04697
	2.0	2.0	2.0	2.0	1.0	1.0	1.0	0.5
20	0.94127	0.84259	0.76049	0.71890	0.62344	0.60055	0.46290	0.26689
	5.0	4.0	4.0	4.0	3.0	3.0	3.0	2.0
30	2.07021	1.89477	1.83079	1.65006	1.55116	1.42761	1.26650	0.85573
	6.0	5.0	5.0	5.0	5.0	5.0	5.0	4.0
40	3.48283	3.16632	3.10364	2.92291	2.77306	2.64982	2.32721	1.81081
	8.0	6.0	6.0	6.0	6.0	6.0	5.0	5.0
50	5.17997	4.87522	4.69628	4.41078	4.26243	4.01548	3.58012	2.94752
	8.0	8.0	8.0	8.0	8.0	7.0	7.0	6.0
55	6.83300	5.93593	5.75699	5.25935	5.11100	4.82058	4.32262	3.58395
	27.0	10.0	10.0	8.0	8.0	8.0	7.0	6.0
60	9.69691	7.46110	6.81770	6.31357	5.95957	5.66915	5.10016	4.22037
	27.0	27.0	10.0	10.0	8.0	8.0	8.0	6.0
65	12.56083	10.32502	8.54660	7.37652	7.01157	6.51771	5.94872	4.93783
	27.0	27.0	18.0	16.0	10.0	8.0	8.0	7.0
70	16.40726	13.18894	11.21304	9.07365	8.07228	7.42235	6.79729	5.68033
	54.0	27.0	27.0	16.0	10.0	10.0	8.0	7.0
75	22.13509	16.62671	14.39517	12.06650	9.69088	8.56232	7.68351	6.42282
	54.0	48.0	30.0	30.0	30.0	18.0	10.0	7.0
80	27.86292	22.43625	20.10919	17.04320	12.87358	10.49450	8.74422	7.27075
	54.0	54.0	54.0	54.0	42.0	30.0	10.0	8.0
85	33.59076	28.80051	26.47345	23.40746	17.95982	14.17644	9.80493	8.11932
	54.0	54.0	54.0	54.0	54.0	42.0	10.0	8.0
90	39.31859	35.16477	32.83771	29.77172	24.32408	19.41163	10.87793	8.96788
	54.0	54.0	54.0	54.0	54.0	54.0	18.0	8.0
95	45.04643	41.52903	39.20197	36.13598	30.68834	25.13947	14.02748	9.81645
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	8.0
100	50.77426	47.89329	45.56623	42.50024	37.05260	30.86730	17.20961	10.66502
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	8.0

STATION = 03072840 TENMILE CREEK NEAR CLARKSVILLE, PA
AVERAGE FLOW (INCH/MONTH) 1.31750
DRAINAGE AREA (SQ MI) 133.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.04062	0.03577	0.03147	0.02803	0.02309	0.01961	0.01541	0.00519
	1.0	1.0	1.0	1.0	1.0	0.5	0.5	0.5
10	0.16534	0.14845	0.14286	0.13168	0.11341	0.10222	0.07359	0.03813
	2.0	2.0	2.0	2.0	2.0	2.0	1.0	0.5
20	0.66885	0.58555	0.57436	0.53512	0.49588	0.46211	0.37245	0.22123
	5.0	4.0	4.0	4.0	4.0	4.0	4.0	2.0
30	1.34073	1.31965	1.27342	1.19343	1.11774	1.07515	0.93139	0.62732
	6.0	6.0	6.0	6.0	6.0	5.0	5.0	4.0
40	2.22622	2.11015	2.06392	1.98393	1.90824	1.84093	1.67255	1.27115
	7.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
50	3.14847	2.96688	2.85442	2.77443	2.69874	2.63143	2.46305	1.97085
	7.0	7.0	6.0	6.0	6.0	6.0	6.0	6.0
55	3.60960	3.42801	3.31511	3.23168	3.15308	3.06964	2.86353	2.36610
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
60	4.07072	3.88913	3.77623	3.69280	3.61420	3.53076	3.32465	2.76135
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
65	5.10731	4.35026	4.23736	4.15393	4.07533	3.99189	3.78578	3.15660
	30.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
70	7.08356	5.35747	4.75822	4.61505	4.53645	4.45301	4.24690	3.60384
	30.0	30.0	8.0	7.0	7.0	7.0	7.0	7.0
75	9.81226	7.59837	6.12469	5.11126	5.04395	4.94858	4.70803	4.06497
	54.0	54.0	30.0	8.0	8.0	8.0	7.0	7.0
80	13.36951	11.15562	9.38469	6.84271	5.76512	5.47558	5.16915	4.52609
	54.0	54.0	54.0	42.0	30.0	8.0	7.0	7.0
85	16.92676	14.71287	13.16970	10.74529	8.83223	7.36309	5.63028	4.98722
	54.0	54.0	54.0	54.0	54.0	42.0	7.0	7.0
90	20.48401	18.27012	17.12220	14.69779	12.78473	10.50621	6.15381	5.44834
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	7.0
95	24.04126	21.82737	21.07470	18.65029	16.73723	14.45871	7.83528	5.90947
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
100	27.80890	25.67661	25.02720	22.60279	20.68973	18.41121	9.81153	6.37059
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0

STATION = 03073000 SOUTH FORK TENMILE CREEK AT JEFFERSON, PA
AVERAGE FLOW (INCH/MONTH) 1.25474
DRAINAGE AREA (SQ MI) 180.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.01678	0.01364	0.00949	0.00896	0.00783	0.00683	0.00425	0.00133
	2.0	2.0	2.0	1.0	1.0	1.0	0.5	0.5
5	0.17846	0.15141	0.14007	0.13536	0.11673	0.10270	0.08407	0.04310
	4.0	4.0	3.0	3.0	3.0	3.0	2.0	1.0
10	0.44861	0.42012	0.39935	0.37341	0.35064	0.32572	0.26154	0.15141
	5.0	5.0	5.0	4.0	4.0	4.0	9000.0	0.2
20	1.18543	1.14504	1.10778	1.02070	0.96713	0.94649	0.82473	0.58513
	6.0	6.0	6.0	6.0	5.0	5.0	5.0	4.0
30	2.03292	1.96032	1.90960	1.84430	1.71767	1.64921	1.49693	1.12826
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
40	2.91124	2.83864	2.78792	2.72262	2.58482	2.50862	2.27286	1.75563
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	5.0
50	3.85418	3.71696	3.66624	3.60094	3.46314	3.38694	3.15118	2.50517
	8.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
55	4.35608	4.15612	4.10540	4.04010	3.90230	3.82610	3.59034	2.88159
	8.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
60	5.35125	4.59528	4.54456	4.47926	4.34146	4.26526	4.02950	3.25801
	16.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
65	7.22686	6.32847	5.01167	4.91842	4.78062	4.70442	4.46866	3.63444
	30.0	30.0	8.0	7.0	7.0	7.0	7.0	6.0
70	9.10897	8.21058	6.58685	5.35758	5.23998	5.14358	4.90782	4.01086
	30.0	30.0	30.0	7.0	7.0	7.0	7.0	6.0
75	10.99108	10.09269	8.46896	7.00815	5.74188	5.63416	5.34698	4.43658
	30.0	30.0	30.0	30.0	8.0	8.0	7.0	7.0
80	14.40097	11.97480	10.35107	8.89026	6.66125	6.16504	5.78613	4.87573
	60.0	30.0	30.0	30.0	18.0	18.0	7.0	7.0
85	18.16519	15.32982	12.73252	10.77237	8.35752	7.29430	6.22529	5.31489
	60.0	54.0	54.0	30.0	30.0	18.0	7.0	7.0
90	21.92941	18.83579	16.12031	14.15286	10.55472	8.45172	6.67146	5.75405
	60.0	60.0	54.0	54.0	48.0	48.0	8.0	7.0
95	25.69363	22.60001	19.77737	17.91708	13.85897	11.46309	7.17335	6.19321
	60.0	60.0	60.0	60.0	60.0	48.0	8.0	7.0
100	29.45785	26.36423	23.54159	21.68130	17.62319	14.47447	8.22258	6.63237
	60.0	60.0	60.0	60.0	60.0	48.0	27.0	7.0

STATION = 03074300 LICK RUN AT HOPWOOD, PA
AVERAGE FLOW (INCH/MONTH)2.10573 DRAINAGE AREA (SQ MI) 3.8

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.11243	0.11243	0.08078	0.05616	0.05616	0.05616	0.04039	0.01577
	2.0	2.0	1.0	1.0	1.0	1.0	0.5	0.5
10	0.35140	0.32301	0.27390	0.22478	0.22478	0.22478	0.13694	0.08782
	4.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0
20	1.24668	1.09554	1.00129	0.89917	0.89917	0.80103	0.70290	0.45352
	5.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0
30	2.29954	2.05415	2.05415	1.93141	1.80876	1.80876	1.56326	1.15243
	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.0
40	3.43391	3.28666	3.13940	2.99214	2.86163	2.86163	2.61613	2.00259
	6.0	6.0	6.0	6.0	5.0	5.0	5.0	5.0
50	4.69735	4.55010	4.40284	4.25558	4.10832	4.10832	3.66900	3.05546
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	5.0
55	5.32907	5.18641	5.03456	4.88730	4.74004	4.74004	4.29827	3.58189
	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
60	5.96079	5.92342	5.75166	5.57989	5.40802	5.37176	4.92999	4.10832
	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
65	6.68230	6.66042	6.48866	6.31689	6.14502	6.00348	5.56171	4.67816
	30.0	7.0	7.0	7.0	7.0	6.0	6.0	6.0
70	9.84090	8.33222	7.22567	7.05390	6.88203	6.63520	6.19343	5.30988
	30.0	30.0	7.0	7.0	7.0	6.0	6.0	6.0
75	12.99949	11.49081	10.00467	9.09246	7.61903	7.27550	6.82515	5.94160
	30.0	30.0	30.0	30.0	7.0	7.0	6.0	6.0
80	17.92923	15.26328	13.16327	12.25106	8.58647	8.01251	7.49711	6.57331
	54.0	54.0	30.0	30.0	30.0	7.0	7.0	6.0
85	23.61470	20.94875	18.58234	16.30193	13.57811	10.35649	8.23411	7.20503
	54.0	54.0	54.0	54.0	54.0	30.0	7.0	6.0
90	29.30017	26.63422	24.26781	21.98740	19.89530	15.19965	8.97506	7.94031
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
95	35.00397	32.35421	30.13605	28.27607	26.21249	21.46076	12.13366	8.67731
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0
100	41.32116	38.67140	36.45324	34.59326	32.52968	27.77795	15.29225	9.41432
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0

STATION = 03074500 REDSTONE CREEK AT WALTERSBURG, PA
AVERAGE FLOW (INCH/MONTH) 1.55859
DRAINAGE AREA (SQ MI) 73.7

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.01973	0.01788	0.01534	0.01279	0.01094	0.00781	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0
20	0.25899	0.21269	0.19522	0.17521	0.13760	0.12509	0.09756	0.05323
	3.0	2.0	2.0	2.0	2.0	1.0	1.0	0.5
30	0.87912	0.79845	0.69326	0.61320	0.53878	0.50118	0.40723	0.22647
	5.0	4.0	4.0	4.0	3.0	3.0	3.0	2.0
40	1.73468	1.63703	1.50177	1.38908	1.26887	1.20763	1.02609	0.65060
	6.0	6.0	6.0	6.0	6.0	5.0	5.0	4.0
50	2.79044	2.57218	2.43692	2.32423	2.20402	2.09884	1.88098	1.33587
	7.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
55	3.33594	3.03976	2.94152	2.86272	2.71370	2.62599	2.34856	1.78509
	7.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
60	3.88145	3.57473	3.48703	3.40823	3.25921	3.17150	2.81613	2.25266
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
65	4.42695	4.12023	4.03253	3.95373	3.80471	3.71700	3.28752	2.72024
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
70	4.97246	4.70119	4.57804	4.49924	4.35022	4.26251	3.83303	3.18782
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
75	7.21731	6.61022	5.22687	5.04475	4.89573	4.80802	4.37854	3.65540
	42.0	30.0	30.0	7.0	7.0	7.0	7.0	6.0
80	10.49034	8.94810	7.56475	5.59025	5.44123	5.35352	4.92404	4.12297
	42.0	30.0	30.0	7.0	7.0	7.0	7.0	6.0
85	14.03619	11.63090	10.26603	7.82930	6.47172	5.89903	5.46955	4.64563
	54.0	54.0	54.0	36.0	30.0	7.0	7.0	7.0
90	18.24438	16.30667	14.47422	11.96309	9.63982	7.57876	6.01506	5.19114
	54.0	54.0	54.0	54.0	54.0	30.0	7.0	7.0
95	22.58712	20.98244	18.68242	16.63886	14.17925	10.49393	6.56056	5.73664
	60.0	60.0	54.0	54.0	54.0	48.0	7.0	7.0
100	27.26289	25.65821	23.17338	21.31463	18.85502	14.23455	7.67779	6.28215
	60.0	60.0	60.0	60.0	60.0	48.0	27.0	7.0

STATION = 03075000 MONONGAHELA RIVER AT CHARLEROI, PA
AVERAGE FLOW (INCH/MONTH) 1.98030
DRAINAGE AREA (SQ MI) 5213.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.01718	0.01319	0.01032	0.00935	0.00749	0.00573	0.00015	0.00000
	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.0
10	0.16215	0.12298	0.11092	0.09102	0.08339	0.07857	0.05921	0.03243
	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.5
20	0.77369	0.66213	0.60515	0.55732	0.51823	0.48720	0.38065	0.21415
	4.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0
30	1.77504	1.64140	1.52672	1.42176	1.31326	1.24730	1.04669	0.71036
	6.0	6.0	5.0	5.0	5.0	5.0	5.0	3.0
40	3.01699	2.82958	2.60174	2.52327	2.37812	2.33289	2.03684	1.55533
	7.0	6.0	6.0	6.0	6.0	6.0	5.0	5.0
50	4.43581	4.21803	3.90473	3.78210	3.63043	3.52107	3.19558	2.57361
	8.0	8.0	7.0	7.0	7.0	6.0	6.0	6.0
55	5.22793	5.01015	4.68106	4.51992	4.32354	4.19230	3.82792	3.16770
	8.0	8.0	8.0	8.0	7.0	7.0	7.0	6.0
60	6.06692	5.91400	5.53443	5.31204	5.10841	4.93167	4.52103	3.76179
	10.0	10.0	10.0	8.0	8.0	8.0	7.0	6.0
65	8.49940	6.90415	6.52458	6.19712	5.90053	5.72379	5.21414	4.35588
	27.0	10.0	10.0	10.0	8.0	8.0	7.0	6.0
70	11.17281	8.23503	7.51473	7.18727	6.69265	6.51591	5.96157	5.01492
	27.0	18.0	10.0	10.0	8.0	8.0	8.0	7.0
75	13.84621	10.82696	9.35261	8.31420	7.57840	7.30803	6.75369	5.70803
	27.0	27.0	27.0	18.0	10.0	8.0	8.0	7.0
80	17.57181	13.50037	12.32306	10.42866	8.93375	8.14308	7.54581	6.40113
	42.0	27.0	27.0	27.0	27.0	10.0	8.0	7.0
85	21.73044	18.46793	15.58858	13.39911	11.90420	9.19489	8.33793	7.09423
	42.0	42.0	42.0	30.0	30.0	16.0	8.0	7.0
90	27.28225	23.81474	21.39345	19.03767	14.87465	11.65172	9.13005	7.86322
	60.0	54.0	54.0	54.0	30.0	30.0	8.0	8.0
95	33.22315	29.73264	27.33435	24.97857	20.70905	15.81035	10.08757	8.65534
	60.0	60.0	60.0	60.0	60.0	42.0	10.0	8.0
100	39.16405	35.67354	33.27525	30.91947	26.64995	20.94638	11.64295	9.44746
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	8.0

STATION = 03078500 BIG PINEY RUN NEAR SALISBURY, PA
AVERAGE FLOW (INCH/MONTH) 1.69589
DRAINAGE AREA (SQ MI) 24.5

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.01137	0.00856	0.00856	0.00708	0.00708	0.00568	0.00568	0.00148
	1.0	1.0	1.0	0.5	0.5	0.5	0.5	0.5
5	0.16203	0.14523	0.13042	0.12005	0.10802	0.10243	0.07444	0.05121
	3.0	3.0	2.0	2.0	2.0	2.0	2.0	1.0
10	0.54010	0.47014	0.44328	0.40970	0.38731	0.36492	0.29888	0.17686
	5.0	5.0	4.0	4.0	4.0	4.0	3.0	2.0
20	1.53189	1.41379	1.34662	1.24812	1.19214	1.15017	0.99624	0.71864
	7.0	6.0	6.0	5.0	5.0	5.0	5.0	4.0
30	2.71901	2.44474	2.36415	2.22983	2.17945	2.11228	1.89399	1.50837
	7.0	7.0	6.0	6.0	6.0	6.0	6.0	5.0
40	3.90613	3.63186	3.51433	3.41637	3.33801	3.27924	2.94622	2.45817
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
50	5.09326	4.83576	4.72381	4.61188	4.52514	4.46637	4.13335	3.47570
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
55	5.73800	5.51412	5.40217	5.29024	5.15590	5.05993	4.72691	4.04125
	8.0	8.0	8.0	8.0	8.0	7.0	7.0	7.0
60	6.41635	6.19247	6.08052	5.96859	5.83425	5.69992	5.32047	4.63481
	8.0	8.0	8.0	8.0	8.0	8.0	7.0	7.0
65	7.72030	6.96316	6.75888	6.64695	6.51261	6.37828	5.95289	5.22837
	18.0	18.0	8.0	8.0	8.0	8.0	8.0	7.0
70	10.04412	8.48946	7.94556	7.32530	7.19096	7.05663	6.63124	5.82193
	30.0	18.0	18.0	8.0	8.0	8.0	8.0	7.0
75	12.58796	10.01577	9.47187	8.78062	7.86932	7.73499	7.30960	6.41549
	30.0	18.0	18.0	18.0	8.0	8.0	8.0	7.0
80	15.62277	12.63255	10.99817	10.30692	8.92167	8.41335	7.98796	7.04765
	60.0	42.0	18.0	18.0	18.0	8.0	8.0	8.0
85	20.71044	16.19392	13.98432	12.92358	10.44797	9.15953	8.66631	7.72600
	60.0	42.0	42.0	42.0	18.0	18.0	8.0	8.0
90	25.79811	20.52711	18.10120	16.48495	12.84543	11.70336	9.34467	8.40436
	60.0	54.0	54.0	42.0	42.0	30.0	8.0	8.0
95	30.88578	25.10602	22.68011	20.04632	17.21050	14.24720	10.02302	9.08271
	60.0	54.0	54.0	42.0	42.0	30.0	8.0	8.0
100	35.97345	29.68492	27.51545	23.98452	21.78940	17.28526	10.70138	9.76107
	60.0	54.0	54.0	54.0	54.0	42.0	8.0	8.0

STATION = 03079000 CASSLEMAN RIVER AT MARKLETON, PA
AVERAGE FLOW (INCH/MONTH) 1.95482
DRAINAGE AREA (SQ MI) 382.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.05631	0.05360	0.04889	0.04601	0.04026	0.03596	0.02568	0.01438
	2.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5
10	0.25179	0.22798	0.21442	0.19924	0.18282	0.16886	0.12534	0.07971
	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0
20	1.00701	0.93567	0.87991	0.85363	0.79534	0.73950	0.61141	0.37590
	6.0	5.0	4.0	4.0	4.0	4.0	4.0	2.0
30	2.17991	1.92620	1.85663	1.74373	1.68214	1.62159	1.42043	1.03042
	6.0	6.0	5.0	5.0	5.0	5.0	5.0	4.0
40	3.35280	3.16444	2.98702	2.89095	2.78257	2.67542	2.39784	1.88569
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	5.0
50	4.69086	4.53281	4.32158	4.17646	4.02558	3.93074	3.52440	2.86310
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
55	5.37505	5.21700	5.00577	4.86065	4.70977	4.61493	4.11921	3.41990
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
60	6.10048	5.90118	5.68995	5.54483	5.39395	5.29911	4.80339	4.00634
	8.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
65	6.88240	6.58537	6.37414	6.22902	6.07814	5.98330	5.48758	4.59279
	8.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
70	7.66433	7.28992	7.13064	6.91321	6.76233	6.66749	6.17177	5.21049
	8.0	8.0	8.0	7.0	7.0	7.0	7.0	7.0
75	9.09102	8.49954	7.91257	7.59740	7.44652	7.35168	6.85596	5.89468
	18.0	18.0	8.0	7.0	7.0	7.0	7.0	7.0
80	14.12583	10.25888	9.17821	8.44836	8.19528	8.08690	7.54014	6.57886
	54.0	18.0	18.0	18.0	8.0	8.0	7.0	7.0
85	19.40385	13.55126	13.02118	10.66164	9.49454	8.86883	8.22433	7.26305
	54.0	42.0	42.0	30.0	18.0	8.0	7.0	7.0
90	24.68186	19.01586	17.12631	14.48437	12.04338	10.14201	8.90852	7.94724
	54.0	54.0	42.0	42.0	42.0	30.0	7.0	7.0
95	29.95988	24.88032	21.55714	19.76239	16.14850	13.40300	9.68221	8.63142
	54.0	54.0	54.0	54.0	42.0	42.0	8.0	7.0
100	35.23789	30.74478	26.83515	25.04040	21.74058	17.50812	10.58557	9.31561
	54.0	54.0	54.0	54.0	54.0	42.0	30.0	7.0

STATION = 03080000 LAUREL HILL CREEK AT URSINA, PA
AVERAGE FLOW (INCH/MONTH) 2.48263
DRAINAGE AREA (SQ MI) 121.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00030	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.07772	0.07300	0.06427	0.05618	0.04408	0.03885	0.03348	0.01566
	1.0	1.0	1.0	1.0	1.0	0.5	0.5	0.5
10	0.32502	0.27992	0.25839	0.23014	0.21265	0.18842	0.14197	0.08075
	3.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0
20	1.17346	1.05238	1.00933	0.89362	0.83172	0.80140	0.68434	0.42931
	4.0	4.0	4.0	4.0	4.0	3.0	3.0	2.0
30	2.29318	2.21034	2.12625	1.98161	1.87062	1.77366	1.60951	1.04367
	6.0	5.0	5.0	5.0	5.0	4.0	4.0	3.0
40	3.78276	3.59708	3.47600	3.23786	3.11194	2.99421	2.75876	2.02673
	6.0	6.0	6.0	6.0	5.0	5.0	5.0	4.0
50	5.29404	5.08666	4.96558	4.72744	4.59424	4.47315	4.07760	3.21973
	7.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0
55	6.16296	5.93220	5.72030	5.56491	5.35772	5.21794	4.82239	3.84038
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
60	7.03188	6.80112	6.58922	6.43383	6.22664	6.02885	5.56718	4.51371
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
65	7.90080	7.67004	7.45814	7.30275	7.09556	6.89777	6.31197	5.25850
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
70	8.76972	8.53896	8.32706	8.17167	7.96448	7.76669	7.13098	6.00329
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
75	10.76348	9.40788	9.20732	9.04059	8.83340	8.63561	7.99990	6.74808
	30.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
80	14.48742	12.25382	11.15079	9.90951	9.70232	9.50453	8.86882	7.61151
	30.0	30.0	30.0	7.0	7.0	7.0	7.0	7.0
85	21.00077	17.92876	15.15767	12.98962	10.59605	10.37345	9.73774	8.48043
	54.0	54.0	42.0	30.0	8.0	7.0	7.0	7.0
90	27.70387	24.63186	21.01576	16.94930	14.71201	12.44415	10.60666	9.34935
	54.0	54.0	54.0	42.0	42.0	30.0	7.0	7.0
95	34.84099	31.33496	27.77902	23.33346	20.66647	18.43274	11.57578	10.21827
	60.0	54.0	54.0	54.0	54.0	54.0	8.0	7.0
100	42.28888	38.16785	35.22691	30.03656	27.36957	25.13584	13.21539	11.08719
	60.0	60.0	60.0	54.0	54.0	54.0	18.0	7.0

STATION = 03081000 YOUGHIOGHENY RIVER BELOW CONFLUENCE, PA
AVERAGE FLOW (INCH/MONTH) 2.20006
DRAINAGE AREA (SQ MI) 1029.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.02067	0.01411	0.01184	0.00986	0.00595	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.5	0.0	0.0	0.0
20	0.18477	0.16589	0.15578	0.14146	0.11596	0.10997	0.09440	0.04650
	1.0	1.0	1.0	1.0	0.5	0.5	0.5	0.5
30	0.53555	0.45913	0.40303	0.36147	0.33265	0.31600	0.26652	0.15650
	3.0	3.0	3.0	1.0	1.0	1.0	1.0	0.5
40	1.40381	1.37079	1.19926	1.09977	1.05259	0.97884	0.77793	0.46225
	5.0	5.0	5.0	5.0	5.0	5.0	4.0	3.0
50	2.93989	2.67640	2.49195	2.37679	2.29240	2.12258	1.85930	1.43431
	8.0	8.0	7.0	6.0	6.0	6.0	5.0	5.0
55	3.81991	3.55642	3.26197	3.03681	2.95242	2.78260	2.51552	1.98432
	8.0	8.0	7.0	6.0	6.0	6.0	6.0	5.0
60	4.82683	4.60726	4.19301	3.89508	3.69611	3.53548	3.17554	2.58426
	10.0	10.0	10.0	8.0	8.0	7.0	6.0	6.0
65	6.49845	5.70729	5.29304	4.77510	4.57613	4.30550	3.93386	3.24427
	18.0	10.0	10.0	8.0	8.0	7.0	7.0	6.0
70	8.63688	7.19041	6.71640	5.81914	5.45616	5.13367	4.70388	3.98224
	27.0	18.0	18.0	18.0	8.0	8.0	7.0	7.0
75	11.84986	10.04494	8.69645	7.79919	6.54622	6.14397	5.54849	4.75227
	30.0	30.0	18.0	18.0	10.0	10.0	8.0	7.0
80	16.10425	13.34503	11.42932	10.00203	7.99988	7.37028	6.42851	5.52229
	48.0	30.0	30.0	30.0	18.0	18.0	8.0	7.0
85	22.08835	18.65991	16.16764	13.30212	10.77977	9.35034	7.30854	6.29231
	60.0	54.0	54.0	30.0	30.0	18.0	8.0	7.0
90	28.68853	24.60008	22.71230	19.44163	15.87827	12.21161	8.18856	7.11268
	60.0	54.0	54.0	54.0	54.0	30.0	8.0	8.0
95	35.28871	31.19132	29.31248	26.04181	22.47845	17.79620	10.06179	7.99271
	60.0	60.0	60.0	60.0	60.0	54.0	18.0	8.0
100	41.88889	37.79150	35.91266	32.64199	29.07863	23.73636	12.14666	8.87273
	60.0	60.0	60.0	60.0	60.0	54.0	27.0	8.0

STATION = 03082200 POPLAR RUN NEAR NORMALVILLE, PA
AVERAGE FLOW (INCH/MONTH) 2.31273
DRAINAGE AREA (SQ MI) 9.3

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00765	0.00765	0.00765	0.00765	0.00765	0.00765	0.00375	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0
5	0.15315	0.13753	0.13753	0.12191	0.10628	0.09067	0.07659	0.04533
	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0
10	0.48764	0.45947	0.43604	0.38917	0.36573	0.34230	0.27507	0.16096
	4.0	3.0	3.0	3.0	3.0	3.0	2.0	1.0
20	1.53158	1.45345	1.41440	1.33628	1.22525	1.19400	1.06903	0.66116
	5.0	5.0	5.0	5.04.0	4.0	4.0	3.0	
30	2.80369	2.66308	2.57077	2.49265	2.37548	2.29735	2.10206	1.52542
	6.0	6.0	5.0	5.0	5.0	5.0	5.0	4.0
40	4.19133	4.05072	3.91011	3.76950	3.62890	3.53515	3.25842	2.63351
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	5.0
50	5.57922	5.43836	5.30581	5.19645	5.03241	4.92279	4.59471	3.89166
	7.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
55	6.38867	6.22462	6.11526	6.00590	5.84186	5.67782	5.34973	4.58548
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
60	7.28904	7.03408	6.92472	6.81536	6.65132	6.48728	6.15919	5.27930
	8.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
65	8.21414	7.90167	7.77669	7.62481	7.46077	7.29673	6.96864	5.98437
	8.0	8.0	8.0	7.0	7.0	7.0	7.0	7.0
70	9.13923	8.82676	8.70178	8.51430	8.27023	8.13934	7.77810	6.79383
	8.0	8.0	8.0	8.0	7.0	7.0	7.0	7.0
75	10.62598	9.75185	9.62687	9.43939	9.18942	9.06443	8.58755	7.60328
	42.0	8.0	8.0	8.0	8.0	8.0	7.0	7.0
80	15.48271	11.83123	10.69430	10.36448	10.11451	9.98952	9.48958	8.41274
	42.0	30.0	30.0	8.0	8.0	8.0	8.0	7.0
85	20.33944	18.03120	14.16340	12.85177	11.03960	10.91461	10.41467	9.22219
	42.0	42.0	30.0	30.0	8.0	8.0	8.0	7.0
90	25.31927	24.27557	20.09734	16.57683	13.53275	12.14476	11.33977	10.03165
	54.0	54.0	54.0	54.0	54.0	30.0	8.0	7.0
95	31.58626	30.51994	26.34171	23.21741	19.77712	15.87635	12.26486	10.95251
	60.0	54.0	54.0	54.0	54.0	54.0	8.0	8.0
100	38.52445	36.76431	32.58608	30.15560	26.02149	22.12072	13.18995	11.87760
	60.0	54.0	54.0	54.0	54.0	54.0	8.0	8.0

STATION = 03082500 YOUGHIOGHENY RIVER AT CONNELLSVILLE, PA
AVERAGE FLOW (INCH/MONTH) 2.20336
DRAINAGE AREA (SQ MI) 1326.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.03353	0.03129	0.02593	0.02377	0.02095	0.01858	0.00673	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0
10	0.14193	0.12976	0.12087	0.11237	0.10347	0.08954	0.06517	0.03372
	2.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5
20	0.77662	0.68488	0.62940	0.56225	0.52261	0.46543	0.34752	0.20912
	4.0	4.0	4.0	3.0	3.0	3.0	2.0	1.0
30	1.85914	1.71174	1.59527	1.41015	1.28968	1.23046	1.05782	0.70799
	5.0	5.0	5.0	5.0	5.0	4.0	4.0	3.0
40	3.18389	3.03375	2.74529	2.60702	2.46645	2.36599	2.12859	1.55567
	7.0	6.0	6.0	6.0	6.0	6.0	5.0	4.0
50	4.72624	4.43961	4.26205	4.12821	3.88296	3.68801	3.40550	2.64921
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
55	5.49742	5.21079	5.03323	4.89939	4.65414	4.45686	4.06651	3.28269
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
60	6.26859	5.98196	5.80440	5.67056	5.42531	5.22803	4.78279	3.94370
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
65	7.07419	6.75314	6.57558	6.44174	6.19649	5.99921	5.55397	4.60470
	8.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
70	7.95554	7.52431	7.34675	7.21291	6.96766	6.77038	6.32514	5.26571
	8.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
75	9.24442	8.33112	8.16313	8.07958	7.82052	7.64324	7.09632	5.95055
	18.0	8.0	8.0	8.0	8.0	8.0	7.0	7.0
80	13.77185	12.39153	9.80473	8.96092	8.70186	8.52458	7.86750	6.72173
	42.0	42.0	30.0	8.0	8.0	8.0	7.0	7.0
85	18.76013	17.01858	14.77417	11.80765	9.76031	9.40593	8.63867	7.49290
	60.0	42.0	42.0	42.0	30.0	8.0	7.0	7.0
90	25.37021	22.08925	20.72325	17.75673	13.67460	11.61038	9.40985	8.26408
	60.0	54.0	54.0	54.0	42.0	30.0	7.0	7.0
95	31.98029	28.66371	26.67232	23.70580	18.72995	16.47960	10.25040	9.03525
	60.0	60.0	54.0	54.0	54.0	54.0	8.0	7.0
100	38.59037	35.27379	32.62139	29.65487	25.34003	22.42867	12.08500	9.85058
	60.0	60.0	54.0	54.0	54.0	54.0	30.0	8.0

STATION = 03083000 GREEN LICK RUN AT GREEN LICK RESERVOIR, PA
AVERAGE FLOW (INCH/MONTH) 2.07556
DRAINAGE AREA (SQ MI) 3.1

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.09539	0.09539	0.07573	0.07573	0.04769	0.04769	0.04769	0.02384
	2.0	2.0	1.0	1.0	1.0	1.0	1.0	0.5
10	0.37026	0.30294	0.28614	0.24685	0.24685	0.20200	0.15147	0.09539
	3.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0
20	1.23423	1.09957	0.98740	0.95379	0.87520	0.82467	0.65640	0.43760
	5.0	4.0	4.0	4.0	4.0	3.0	3.0	2.0
30	2.38987	2.22161	2.05335	1.99157	1.85135	1.71112	1.57089	1.14453
	6.0	6.0	6.0	5.0	5.0	5.0	5.0	4.0
40	3.63520	3.46694	3.29868	3.13041	2.96215	2.79388	2.60867	2.04780
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	5.0
50	4.90873	4.71242	4.54402	4.37575	4.20749	4.03922	3.70269	3.08558
	7.0	7.0	6.0	6.0	6.0	6.0	6.0	5.0
55	5.63518	5.43887	5.24256	5.04625	4.84995	4.66189	4.32536	3.65230
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	6.0
60	6.37302	6.16531	5.96900	5.77269	5.57639	5.38007	4.98745	4.27497
	8.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
65	7.20324	6.89176	6.69545	6.49914	6.30284	6.10652	5.71390	4.89763
	8.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
70	8.03347	7.61820	7.42189	7.22558	7.02928	6.83296	6.44034	5.52030
	8.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
75	9.81155	9.01534	8.19061	7.96627	7.75573	7.55941	7.16679	6.18524
	30.0	30.0	8.0	8.0	7.0	7.0	7.0	7.0
80	12.92489	12.12868	10.56379	8.79649	8.57213	8.34778	7.89906	6.91169
	30.0	30.0	30.0	8.0	8.0	8.0	8.0	7.0
85	18.13206	16.41892	13.67713	11.03900	9.40236	9.17801	8.72929	7.63813
	60.0	60.0	30.0	30.0	8.0	8.0	8.0	7.0
90	24.35874	22.64560	17.92962	15.27077	13.72707	11.32530	9.55951	8.36458
	60.0	60.0	54.0	54.0	54.0	30.0	8.0	7.0
95	30.58542	28.87228	23.73704	20.87478	19.33108	15.97444	10.38974	9.09102
	60.0	60.0	60.0	54.0	54.0	54.0	8.0	7.0
100	36.81210	35.09896	29.96372	26.47879	24.93509	21.57845	11.51211	9.81747
	60.0	60.0	60.0	54.0	54.0	54.0	18.0	7.0

STATION = 03083500 YOUGHIOGHENY RIVER AT SUTERSVILLE, PA
AVERAGE FLOW (INCH/MONTH) 2.02464
DRAINAGE AREA (SQ MI) 1715.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.01653	0.01472	0.01064	0.00847	0.00391	0.00097	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0
10	0.10069	0.08789	0.07551	0.06921	0.05551	0.05158	0.03744	0.01208
	1.0	1.0	1.0	1.0	1.0	0.5	0.5	0.5
20	0.52348	0.43929	0.41239	0.38255	0.35143	0.33314	0.24715	0.15466
	4.0	3.0	3.0	2.0	2.0	2.0	2.0	1.0
30	1.38014	1.27498	1.17297	1.06430	0.97215	0.93399	0.75694	0.48150
	6.0	5.0	4.0	4.0	4.0	4.0	3.0	2.0
40	2.59493	2.34356	2.24017	2.13070	1.97639	1.89735	1.61995	1.14341
	6.0	6.0	6.0	6.0	6.0	5.0	5.0	5.0
50	3.87137	3.68303	3.45495	3.34548	3.19117	3.06720	2.74197	2.15573
	7.0	7.0	6.0	6.0	6.0	6.0	6.0	5.0
55	4.57999	4.39165	4.13008	4.02330	3.80572	3.67459	3.39152	2.67199
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	6.0
60	5.28862	5.10028	4.83871	4.73193	4.51435	4.38081	4.10015	3.27938
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
65	5.99724	5.80890	5.54733	5.44055	5.22297	5.08943	4.80877	3.92435
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
70	6.70933	6.51753	6.25596	6.14918	5.93160	5.79806	5.51740	4.63298
	8.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
75	7.93515	7.27161	7.05109	6.85780	6.66704	6.50668	6.22602	5.34160
	18.0	8.0	8.0	7.0	7.0	7.0	7.0	7.0
80	10.87998	8.98603	7.86095	7.62638	7.47690	7.29332	6.93464	6.05022
	30.0	30.0	8.0	8.0	8.0	8.0	7.0	7.0
85	16.08829	12.94060	11.05366	9.63670	8.66762	8.10317	7.72017	6.75885
	54.0	42.0	42.0	30.0	30.0	8.0	8.0	7.0
90	21.55481	18.38677	16.06741	13.30730	11.70458	10.70726	8.53003	7.46747
	54.0	54.0	54.0	54.0	30.0	30.0	8.0	7.0
95	27.02134	23.85330	21.53394	18.77383	16.46404	15.29398	9.33988	8.17610
	54.0	54.0	54.0	54.0	54.0	54.0	8.0	7.0
100	32.70086	29.31983	27.00047	24.24036	22.34794	21.36790	10.74827	8.95047
	60.0	54.0	54.0	54.0	54.0	54.0	18.0	8.0

STATION = 03084000 ABERS CREEK NEAR MURRYSVILLE, PA
AVERAGE FLOW (INCH/MONTH) 1.42587
DRAINAGE AREA (SQ MI) 4.4

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.03993	0.03993	0.02780	0.02780	0.02424	0.02424	0.01997	0.01212
	1.0	1.0	0.5	0.5	0.5	0.5	0.5	0.5
10	0.15969	0.12832	0.12832	0.12832	0.09695	0.09554	0.06417	0.04849
	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0
20	0.64165	0.56323	0.52615	0.47910	0.45059	0.43204	0.33794	0.19393
	5.0	5.0	3.0	3.0	3.0	3.0	3.0	2.0
30	1.35459	1.34320	1.19776	1.11933	1.04091	0.96249	0.83272	0.57749
	5.0	5.0	5.0	5.0	5.0	5.0	4.0	3.0
40	2.19872	2.19872	2.01050	1.83226	1.75384	1.72819	1.53997	1.12647
	6.0	6.0	6.0	5.0	5.0	5.0	5.0	5.0
50	3.12412	3.05424	2.86602	2.68496	2.58371	2.58371	2.39549	1.92496
	7.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
55	3.63887	3.51337	3.29380	3.18401	3.07422	3.01147	2.82325	2.35272
	8.0	7.0	7.0	7.0	7.0	6.0	6.0	6.0
60	4.20922	4.01242	3.83280	3.70732	3.58185	3.46349	3.25101	2.78048
	8.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
65	4.77956	4.52861	4.40314	4.27766	4.15219	4.02672	3.67877	3.20824
	8.0	8.0	8.0	8.0	8.0	8.0	6.0	6.0
70	5.34991	5.09896	4.97349	4.84801	4.72254	4.59707	4.13221	3.63600
	8.0	8.0	8.0	8.0	8.0	8.0	7.0	6.0
75	5.92679	5.66931	5.54384	5.41836	5.29289	5.16742	4.66552	4.06377
	18.0	8.0	8.0	8.0	8.0	8.0	8.0	6.0
80	7.60852	7.13287	6.11419	5.98871	5.86324	5.73777	5.23587	4.49153
	54.0	30.0	8.0	8.0	8.0	8.0	8.0	6.0
85	11.49203	9.57123	8.52295	7.08647	6.43359	6.30812	5.80622	4.97065
	60.0	60.0	54.0	30.0	8.0	8.0	8.0	7.0
90	15.76964	13.84884	12.37280	10.61995	8.62963	7.64321	6.37656	5.49824
	60.0	60.0	54.0	54.0	54.0	30.0	8.0	8.0
95	20.04725	18.12645	16.22265	14.46980	12.81164	10.93634	6.94691	6.06859
	60.0	60.0	54.0	54.0	54.0	54.0	8.0	8.0
100	24.32486	22.40406	20.07250	18.31965	17.08925	15.21395	7.97932	6.63894
	60.0	60.0	54.0	54.0	54.0	54.0	30.0	8.0

STATION = 03085000 MONONGAHELA RIVER AT BRADDOCK, PA
AVERAGE FLOW (INCH/MONTH) 1.93226
DRAINAGE AREA (SQ MI) 7337.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.06868	0.05416	0.04879	0.04285	0.03858	0.03610	0.02806	0.00801
	1.0	1.0	1.0	1.0	0.5	0.5	0.5	0.5
20	0.48296	0.42084	0.39017	0.33581	0.29681	0.27490	0.20938	0.13730
	3.0	3.0	3.0	3.0	3.0	2.0	2.0	1.0
30	1.35285	1.18378	1.13657	1.05668	0.94804	0.87966	0.72216	0.48374
	5.0	5.0	5.0	4.0	4.0	4.0	4.0	3.0
40	2.42792	2.28412	2.19438	2.05937	1.93546	1.83401	1.63734	1.17447
	6.0	6.0	6.0	6.0	6.0	6.0	5.0	4.0
50	3.75773	3.47952	3.35374	3.21873	3.09482	2.99337	2.65423	2.12149
	7.0	7.0	6.0	6.0	6.0	6.0	6.0	5.0
55	4.66020	4.26713	4.09578	3.85699	3.72961	3.57305	3.23391	2.62919
	10.0	10.0	10.0	8.0	7.0	6.0	6.0	6.0
60	5.76676	5.40527	5.06191	4.62990	4.40590	4.24100	3.88839	3.20887
	27.0	18.0	10.0	8.0	7.0	7.0	7.0	6.0
65	8.37531	7.14430	6.02804	5.50084	5.21919	4.99546	4.56468	3.78854
	27.0	18.0	10.0	10.0	10.0	8.0	7.0	6.0
70	10.98386	8.88334	7.13051	6.46697	6.18532	5.76837	5.25946	4.36822
	27.0	18.0	18.0	10.0	10.0	8.0	8.0	6.0
75	14.39678	11.19840	9.60412	8.09601	7.15145	6.57023	6.03236	4.94790
	54.0	30.0	30.0	18.0	10.0	10.0	8.0	6.0
80	19.61388	14.09679	12.50251	9.89613	8.27256	7.53636	6.80526	5.61766
	54.0	30.0	30.0	30.0	16.0	10.0	8.0	7.0
85	24.83098	18.67787	16.06107	13.39562	10.36683	8.59766	7.57817	6.36280
	54.0	54.0	54.0	54.0	30.0	18.0	8.0	8.0
90	30.04809	23.89498	21.85785	19.01892	13.99390	11.48692	8.39878	7.13570
	54.0	54.0	54.0	54.0	42.0	42.0	10.0	8.0
95	35.26519	29.13796	27.65463	24.81570	18.84957	15.54466	9.36491	7.90861
	54.0	54.0	54.0	54.0	54.0	42.0	10.0	8.0
100	40.48229	34.93474	33.45141	30.61248	24.64635	20.74925	11.10435	8.68151
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	8.0

STATION = 03085500 CHARTIERS CREEK AT CARNEGIE, PA
AVERAGE FLOW (INCH/MONTH) 1.26599
DRAINAGE AREA(SQ MI) 257.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.02323	0.01807	0.01649	0.01417	0.01228	0.00965	0.00525	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0
20	0.22368	0.18823	0.17549	0.15876	0.14425	0.13384	0.10299	0.06661
	3.0	3.0	2.0	2.0	2.0	2.0	1.0	1.0
30	0.71261	0.64090	0.61724	0.57842	0.52983	0.48828	0.38701	0.24903
	5.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0
40	1.37122	1.31504	1.23805	1.16522	1.07508	1.02827	0.88943	0.63253
	6.0	6.0	6.0	5.0	5.0	5.0	5.0	4.0
50	2.16057	2.07558	1.99785	1.89110	1.76245	1.71038	1.54388	1.21203
	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0
55	2.60366	2.51867	2.44094	2.33419	2.16662	2.10110	1.92368	1.56153
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
60	3.04676	2.96177	2.88404	2.77729	2.60972	2.54420	2.31341	1.94132
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
65	3.54165	3.42783	3.32713	3.22038	3.05281	2.98729	2.75650	2.32112
	8.0	8.0	7.0	7.0	7.0	7.0	7.0	6.0
70	4.04804	3.93422	3.79276	3.66348	3.51244	3.43039	3.19960	2.70092
	8.0	8.0	8.0	7.0	7.0	7.0	7.0	6.0
75	4.55444	4.44062	4.29916	4.10762	4.01884	3.92176	3.64701	3.10859
	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.0
80	5.06084	4.94702	4.80556	4.61402	4.52524	4.42816	4.15341	3.55168
	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.0
85	5.56723	5.45341	5.31195	5.12041	5.03163	4.93455	4.65980	3.99478
	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.0
90	6.07363	5.95981	5.81835	5.62681	5.53803	5.44095	5.16620	4.43788
	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.0
95	6.82716	6.68979	6.45671	6.21942	6.04442	5.94734	5.67259	4.91768
	12.0	12.0	12.0	12.0	8.0	8.0	8.0	8.0
100	7.58675	7.44938	7.21630	6.97901	6.69174	6.45374	6.17899	5.42408
	12.0	12.0	12.0	12.0	12.0	8.0	8.0	8.0

STATION = 03086000 OHIO RIVER AT SEWICKLEY, PA
AVERAGE FLOW (INCH/MONTH) 1.91618
DRAINAGE AREA (SQ MI) 19500.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00891	0.00775	0.00695	0.00509	0.00382	0.00277	0.00035	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0
10	0.20530	0.18562	0.16445	0.14292	0.13459	0.12360	0.09665	0.06273
	3.0	3.0	3.0	2.0	2.0	2.0	2.0	1.0
20	0.97228	0.92935	0.86317	0.81894	0.77809	0.74084	0.57976	0.35202
	5.0	5.0	5.0	4.0	4.0	4.0	3.0	2.0
30	2.09378	2.00215	1.90461	1.75473	1.63625	1.61532	1.30276	0.84731
	6.0	6.0	6.0	5.0	5.0	5.0	4.0	3.0
40	3.41166	3.21775	3.05432	2.84050	2.75604	2.57341	2.22259	1.48979
	7.0	7.0	6.0	6.0	6.0	5.0	5.0	4.0
50	4.91447	4.66039	4.28540	4.09430	3.90575	3.71981	3.25458	2.35939
	8.0	8.0	8.0	7.0	6.0	6.0	6.0	6.0
55	5.68094	5.42686	5.05187	4.76496	4.48060	4.29466	3.82943	2.93424
	8.0	8.0	8.0	7.0	6.0	6.0	6.0	6.0
60	6.52361	6.19333	5.81834	5.43563	5.08794	4.86952	4.46083	3.50910
	18.0	8.0	8.0	7.0	7.0	6.0	6.0	6.0
65	8.24818	6.95981	6.58482	6.19675	5.82119	5.51157	5.13149	4.08395
	18.0	8.0	8.0	8.0	8.0	7.0	7.0	6.0
70	10.72346	8.07846	7.63856	6.96322	6.58766	6.22156	5.80215	4.69627
	42.0	18.0	18.0	8.0	8.0	8.0	7.0	7.0
75	14.74744	9.80302	9.36312	7.72969	7.35413	6.98803	6.47282	5.36694
	42.0	18.0	18.0	8.0	8.0	8.0	7.0	7.0
80	18.77142	13.41937	11.08768	9.35990	8.12060	7.75450	7.14348	6.03760
	42.0	42.0	18.0	18.0	8.0	8.0	7.0	7.0
85	22.79540	18.19766	15.04847	12.95317	9.96053	9.19573	7.81414	6.70826
	42.0	42.0	42.0	42.0	30.0	30.0	7.0	7.0
90	27.46911	23.94620	20.79701	16.97714	13.27465	12.07000	8.48480	7.37892
	60.0	60.0	60.0	42.0	42.0	30.0	7.0	7.0
95	33.21765	29.69474	26.54555	22.35527	17.29863	15.54517	9.23602	8.04959
	60.0	60.0	60.0	60.0	42.0	42.0	8.0	7.0
100	38.96619	35.44328	32.29409	28.10381	22.30214	19.81469	10.81808	8.72025
	60.0	60.0	60.0	60.0	60.0	54.0	30.0	7.0

STATION = 03100000 SHENANGO RIVER NEAR TURNERVILLE, PA
AVERAGE FLOW (INCH/MONTH) 1.49083
DRAINAGE AREA (SQ MI) 152.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00934	0.00760	0.00716	0.00716	0.00716	0.00693	0.00635	0.00270
	2.0	2.0	1.0	1.0	1.0	1.0	1.0	0.5
5	0.22311	0.20321	0.19176	0.17613	0.15910	0.14776	0.13303	0.09320
	5.0	5.0	5.0	5.0	4.0	4.0	3.0	2.0
10	0.62955	0.60906	0.57145	0.54884	0.51748	0.48764	0.41283	0.30794
	6.0	6.0	6.0	5.0	5.0	5.0	4.0	3.0
20	1.61255	1.51281	1.46595	1.42315	1.38219	1.32399	1.14754	0.88038
	7.0	7.0	6.0	6.0	6.0	6.0	5.0	4.0
30	2.70050	2.55639	2.48454	2.41674	2.32499	2.28310	2.00316	1.48696
	8.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
40	3.93193	3.67438	3.66061	3.60600	3.44181	3.33016	3.02157	2.32355
	10.0	8.0	8.0	8.0	8.0	8.0	7.0	7.0
50	5.42276	5.08942	4.97823	4.79866	4.63447	4.52282	4.19227	3.42191
	10.0	10.0	10.0	8.0	8.0	8.0	8.0	8.0
55	6.53833	6.29801	5.72365	5.44169	5.23365	5.11915	4.78860	4.01824
	18.0	18.0	10.0	10.0	10.0	8.0	8.0	8.0
60	8.04439	7.63975	6.55111	6.18710	5.97906	5.71548	5.38493	4.61457
	30.0	18.0	18.0	10.0	10.0	8.0	8.0	8.0
65	10.28063	8.98150	7.89286	6.93251	6.72447	6.43105	5.98127	5.21091
	30.0	18.0	18.0	10.0	10.0	10.0	8.0	8.0
70	12.51688	10.32325	9.23461	7.67793	7.46989	7.17647	6.57760	5.80724
	30.0	18.0	18.0	10.0	10.0	10.0	8.0	8.0
75	15.79787	12.11292	10.57636	8.42335	8.21531	7.92189	7.20673	6.40357
	54.0	30.0	18.0	10.0	10.0	10.0	10.0	8.0
80	19.82311	14.34916	11.91810	9.90731	8.96072	8.66730	7.95214	6.99990
	54.0	30.0	18.0	18.0	10.0	10.0	10.0	8.0
85	23.84835	16.72571	15.55688	11.61772	9.82881	9.41272	8.69755	7.59623
	54.0	54.0	54.0	30.0	18.0	10.0	10.0	8.0
90	27.87359	20.75095	19.58212	14.39814	11.71631	10.15813	9.44297	8.19257
	54.0	54.0	54.0	42.0	42.0	10.0	10.0	8.0
95	31.89883	24.79073	23.60736	18.06059	15.29430	12.16650	10.18839	8.78890
	54.0	54.0	54.0	54.0	48.0	30.0	10.0	8.0
100	35.92407	29.26322	27.63260	22.27560	19.05236	15.07713	10.93380	9.38523
	54.0	54.0	54.0	54.0	54.0	48.0	10.0	8.0

STATION = 03101500 SHENANGO RIVER AT PYMATUNING DAM, PA
AVERAGE FLOW (INCH/MONTH) 1.39234
DRAINAGE AREA (SQ MI) 167.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00280	0.00141	0.00025	0.00000	0.00000	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0
5	0.05018	0.04729	0.04497	0.03711	0.02970	0.02693	0.02023	0.00160
	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5
10	0.16520	0.15502	0.13928	0.10672	0.09931	0.09654	0.07374	0.03641
	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.5
20	0.53885	0.46920	0.41775	0.37228	0.34069	0.31651	0.25253	0.14807
	3.0	3.0	2.0	2.0	2.0	2.0	2.0	1.0
30	1.00484	0.93194	0.86887	0.79830	0.69346	0.63769	0.53099	0.31845
	5.0	4.0	4.0	4.0	3.0	3.0	2.0	2.0
40	1.70431	1.60591	1.52931	1.39012	1.25313	1.17519	0.93980	0.59692
	6.0	5.0	5.0	5.0	5.0	4.0	3.0	2.0
50	2.72907	2.60286	2.46171	2.20001	2.04127	1.86864	1.45919	0.96076
	10.0	8.0	8.0	6.0	6.0	6.0	4.0	3.0
55	3.83500	3.15980	3.01865	2.74397	2.58800	2.38749	1.87138	1.17893
	16.0	8.0	8.0	8.0	8.0	8.0	7.0	4.0
60	5.52462	4.36173	3.60575	3.30467	3.14493	2.94442	2.35870	1.45740
	27.0	21.0	18.0	10.0	8.0	8.0	7.0	4.0
65	7.40428	5.97582	5.03239	4.00084	3.79199	3.52276	2.91475	1.73586
	27.0	27.0	21.0	10.0	10.0	10.0	8.0	4.0
70	9.62835	7.96769	6.49435	5.30043	4.48816	4.21893	3.47168	2.08033
	54.0	42.0	21.0	21.0	10.0	10.0	8.0	6.0
75	13.38767	10.89160	8.75655	6.76239	5.79372	5.05893	4.03332	2.54728
	54.0	42.0	42.0	21.0	21.0	16.0	10.0	8.0
80	17.53901	14.27259	11.68046	8.82244	7.42046	6.29361	4.72949	3.10422
	60.0	54.0	42.0	30.0	27.0	21.0	10.0	8.0
85	21.71603	18.03191	14.60438	11.73141	9.30012	7.75557	5.42566	3.66115
	60.0	54.0	42.0	42.0	27.0	21.0	10.0	8.0
90	25.89305	21.79122	17.52829	15.07303	12.42326	9.41381	6.33338	4.21809
	60.0	54.0	42.0	42.0	42.0	27.0	18.0	8.0
95	30.07007	25.86614	21.20071	18.41464	16.18258	11.85181	7.58648	4.77502
	60.0	60.0	54.0	48.0	48.0	42.0	18.0	8.0
100	34.24709	30.04316	24.96003	22.00325	19.94190	15.16721	8.95476	5.38861
	60.0	60.0	54.0	54.0	54.0	54.0	21.0	10.0

STATION = 03102000 SHENANGO RIVER NEAR JAMESTOWN, PA
AVERAGE FLOW (INCH/MONTH) 1.33263
DRAINAGE AREA (SQ MI) 181.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.02390	0.02390	0.02309	0.02239	0.02239	0.02158	0.01843	0.00974
	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.0
5	0.30642	0.30029	0.28652	0.26812	0.25530	0.24639	0.20833	0.10468
	6.0	6.0	6.0	6.0	5.0	5.0	4.0	2.0
10	0.75779	0.71856	0.68631	0.66791	0.62962	0.59444	0.52343	0.23795
	7.0	7.0	6.0	6.0	6.0	6.0	5.0	2.0
20	1.72806	1.65140	1.55317	1.46749	1.42920	1.39402	1.23331	0.62429
	8.0	7.0	7.0	6.0	6.0	6.0	6.0	3.0
30	2.79416	2.58424	2.48601	2.38246	2.30204	2.19359	2.03288	1.07873
	8.0	7.0	7.0	7.0	7.0	6.0	6.0	4.0
40	5.29202	4.04828	3.45970	3.31530	3.23488	3.11883	2.83246	1.61178
	24.0	18.0	18.0	7.0	7.0	7.0	6.0	4.0
50	8.49033	6.44701	5.85843	5.00142	4.16773	4.05168	3.63204	2.26211
	24.0	18.0	18.0	18.0	7.0	7.0	6.0	6.0
55	10.08949	7.64638	7.05780	6.20079	4.95884	4.59755	4.07878	2.72853
	24.0	18.0	18.0	18.0	18.0	16.0	7.0	7.0
60	12.60056	9.18286	8.25716	7.40015	6.15820	5.66366	4.54520	3.19495
	42.0	30.0	18.0	18.0	18.0	16.0	7.0	7.0
65	15.39908	11.86159	9.85783	8.59952	7.35757	6.72976	5.01162	3.66137
	42.0	42.0	30.0	18.0	18.0	16.0	7.0	7.0
70	18.19760	14.66011	11.85677	9.91638	8.55694	7.79587	5.47804	4.12779
	42.0	42.0	30.0	24.0	18.0	16.0	7.0	7.0
75	21.66519	17.45864	13.89907	11.51554	9.91595	8.88195	5.99299	4.59421
	54.0	42.0	36.0	24.0	24.0	18.0	12.0	7.0
80	25.50222	20.25716	16.29780	13.11470	11.51511	10.08131	6.99131	5.06063
	60.0	42.0	36.0	24.0	24.0	18.0	16.0	7.0
85	29.50011	23.28274	19.72703	15.32560	13.11426	11.28068	8.05742	5.52705
	60.0	48.0	48.0	42.0	24.0	18.0	16.0	7.0
90	33.49800	26.48106	23.32513	18.12412	15.04111	12.48005	9.12352	5.99347
	60.0	48.0	48.0	42.0	42.0	18.0	16.0	7.0
95	37.49589	29.74186	26.92323	21.00111	17.83964	14.43279	10.18963	6.45989
	60.0	60.0	54.0	54.0	42.0	42.0	16.0	7.0
100	41.49378	33.73975	30.52133	24.62459	20.63816	17.23131	11.25573	6.92631
	60.0	60.0	54.0	54.0	42.0	42.0	16.0	7.0

STATION = 03102500 LITTLE SHENANGO RIVER AT GREENVILLE, PA
AVERAGE FLOW (INCH/MONTH) 1.55131
DRAINAGE AREA (SQ MI) 104.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.14511	0.13713	0.12753	0.10844	0.09571	0.09254	0.08293	0.05478
	3.0	3.0	3.0	3.0	3.0	2.0	2.0	1.0
10	0.50073	0.42786	0.40601	0.37627	0.35290	0.32537	0.26789	0.18495
	6.0	5.0	4.0	4.0	4.0	4.0	3.0	2.0
20	1.44707	1.26270	1.23400	1.11326	1.04963	1.00716	0.79293	0.49521
	7.0	6.0	6.0	5.0	5.0	5.0	4.0	2.0
30	2.53299	2.32114	2.16479	2.04052	1.87808	1.78281	1.41345	0.94541
	7.0	7.0	6.0	6.0	6.0	5.0	4.0	3.0
40	3.61891	3.40706	3.16929	2.97130	2.80886	2.55847	2.16022	1.54769
	7.0	7.0	7.0	6.0	6.0	5.0	5.0	4.0
50	4.70483	4.49298	4.25521	3.90209	3.73965	3.52304	2.96236	2.22176
	7.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0
55	5.24778	5.03593	4.79816	4.39297	4.22949	4.06599	3.46388	2.60959
	7.0	7.0	7.0	7.0	7.0	7.0	7.0	5.0
60	6.29103	5.57889	5.34112	4.99976	4.77245	4.60895	4.00684	3.00120
	16.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0
65	7.81938	6.30390	5.88408	5.62028	5.34849	5.15191	4.54980	3.46659
	21.0	18.0	7.0	7.0	7.0	7.0	7.0	6.0
70	9.44826	7.70008	7.20927	6.24081	5.96902	5.71841	5.09276	3.93198
	21.0	18.0	18.0	8.0	8.0	8.0	7.0	6.0
75	11.98737	10.38697	8.60544	6.99775	6.58954	6.33893	5.63572	4.39737
	42.0	42.0	18.0	18.0	8.0	8.0	7.0	6.0
80	15.98164	13.64473	10.44116	8.91049	7.53068	6.95945	6.17868	4.86277
	60.0	42.0	42.0	30.0	18.0	8.0	7.0	6.0
85	20.63557	16.90248	13.69891	11.23746	8.92686	7.98609	6.72163	5.32816
	60.0	42.0	42.0	30.0	18.0	18.0	7.0	6.0
90	25.28950	20.16023	17.25674	14.60044	11.13894	9.79899	7.26459	5.79355
	60.0	42.0	42.0	42.0	30.0	30.0	7.0	6.0
95	29.94343	24.69956	21.91067	19.25437	14.40251	12.74582	7.86533	6.30978
	60.0	60.0	60.0	60.0	60.0	42.0	8.0	7.0
100	34.59736	29.35349	26.56460	23.90830	19.05644	16.00357	9.05204	6.85274
	60.0	60.0	60.0	60.0	60.0	42.0	18.0	7.0

STATION = 03102850 SHENANGO RIVER NEAR TRANSFER, PA
AVERAGE FLOW (INCH/MONTH) 1.60391
DRAINAGE AREA (SQ MI) 337.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.01587	0.01216	0.00881	0.00279	0.00002	0.00000	0.00000	0.00000
	0.5	0.5	0.5	0.5	0.5	0.0	0.0	0.0
20	0.22330	0.18708	0.16869	0.12084	0.11252	0.10719	0.09076	0.04874
	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.5
30	0.78305	0.65159	0.57364	0.49291	0.43691	0.40509	0.32413	0.18382
	4.0	4.0	4.0	3.0	3.0	3.0	2.0	1.0
40	1.56877	1.45354	1.29652	1.14299	1.03471	0.95568	0.79416	0.50006
	6.0	5.0	5.0	5.0	4.0	4.0	4.0	2.0
50	2.56123	2.35852	2.25887	1.95145	1.83448	1.72918	1.53004	1.02578
	7.0	7.0	6.0	6.0	6.0	6.0	5.0	4.0
55	3.12259	2.91988	2.74004	2.45012	2.31565	2.21035	1.95304	1.34656
	7.0	7.0	6.0	6.0	6.0	6.0	6.0	4.0
60	3.68396	3.48125	3.25123	3.01149	2.85947	2.71715	2.43422	1.72918
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
65	4.24533	4.08098	3.81260	3.57286	3.42084	3.27852	2.91539	2.13016
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
70	4.83795	4.72255	4.44856	4.17458	4.00750	3.83989	3.41491	2.59300
	27.0	8.0	8.0	8.0	8.0	7.0	7.0	6.0
75	7.00323	5.69221	5.09012	4.81614	4.64906	4.45978	3.97628	3.07418
	27.0	27.0	8.0	8.0	8.0	8.0	7.0	6.0
80	9.16851	7.85749	5.87250	5.45770	5.29062	5.10134	4.53765	3.55535
	27.0	27.0	27.0	8.0	8.0	8.0	7.0	6.0
85	11.52054	11.02941	8.93507	6.90507	5.93219	5.74291	5.15027	4.06787
	42.0	42.0	42.0	42.0	8.0	8.0	8.0	7.0
90	16.26334	15.84114	13.26563	11.23563	9.39480	7.95231	5.79183	4.62924
	60.0	60.0	54.0	54.0	54.0	54.0	8.0	7.0
95	21.07507	20.65287	17.89372	15.56618	13.96873	12.76404	6.43340	5.19061
	60.0	60.0	60.0	54.0	54.0	54.0	8.0	7.0
100	25.88680	25.46460	22.70545	20.05227	18.78046	17.57577	8.46571	5.75198
	60.0	60.0	60.0	60.0	60.0	60.0	30.0	7.0

STATION = 03103000 PYMATUNING CREEK NEAR ORANGEVILLE, PA
AVERAGE FLOW (INCH/MONTH) 1.34694
DRAINAGE AREA (SQ MI) 169.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.02734	0.02514	0.02294	0.02132	0.01930	0.01861	0.01526	0.01000
	3.0	3.0	3.0	3.0	2.0	2.0	2.0	1.0
5	0.29602	0.27750	0.25575	0.23851	0.21478	0.20830	0.17116	0.10160
	6.0	6.0	5.0	5.0	4.0	4.0	4.0	2.0
10	0.73911	0.68158	0.64224	0.60730	0.56148	0.53613	0.44055	0.29220
	7.0	6.0	6.0	6.0	6.0	5.0	4.0	3.0
20	1.99527	1.76421	1.60783	1.45022	1.36965	1.31828	1.14265	0.79743
	10.0	10.0	8.0	7.0	6.0	6.0	6.0	4.0
30	3.60089	3.11115	2.82733	2.53264	2.40157	2.26191	1.95081	1.33621
	14.0	10.0	10.0	10.0	8.0	8.0	6.0	4.0
40	5.82969	4.88702	4.17427	3.87958	3.50481	3.33946	2.81846	2.05816
	18.0	14.0	10.0	10.0	10.0	8.0	8.0	6.0
50	8.25418	6.77274	5.52121	5.22652	4.85175	4.44784	3.89601	2.98234
	18.0	14.0	10.0	10.0	10.0	10.0	8.0	7.0
55	9.66766	7.76923	6.41952	5.89999	5.52522	5.12131	4.43479	3.52074
	30.0	16.0	16.0	10.0	10.0	10.0	8.0	8.0
60	11.68807	8.85844	7.63176	6.57346	6.19869	5.79478	4.97356	4.05951
	30.0	18.0	18.0	10.0	10.0	10.0	8.0	8.0
65	13.70848	10.07069	8.84401	7.24693	6.87216	6.46825	5.51234	4.59829
	30.0	18.0	18.0	10.0	10.0	10.0	8.0	8.0
70	15.72889	11.28293	10.05625	8.36780	7.54563	7.14172	6.05111	5.13706
	30.0	18.0	18.0	18.0	10.0	10.0	8.0	8.0
75	17.74930	12.49518	11.26850	9.58005	8.49511	7.81519	6.58989	5.67584
	30.0	18.0	18.0	18.0	18.0	10.0	8.0	8.0
80	19.76971	15.31298	12.48075	10.79230	9.70736	8.58354	7.12867	6.21462
	30.0	30.0	18.0	18.0	18.0	18.0	8.0	8.0
85	22.18071	18.94972	15.20605	13.32277	10.91960	9.79578	7.70856	6.75339
	54.0	54.0	54.0	54.0	18.0	18.0	10.0	8.0
90	25.81744	22.58645	18.84278	16.95950	12.13185	11.00803	8.38203	7.29217
	54.0	54.0	54.0	54.0	18.0	18.0	10.0	8.0
95	29.45418	26.22319	22.47952	20.59624	15.03232	12.22027	9.05550	7.83094
	54.0	54.0	54.0	54.0	48.0	18.0	10.0	8.0
100	33.09092	29.85993	26.11626	24.23298	18.26498	14.07702	9.72897	8.36972
	54.0	54.0	54.0	54.0	48.0	48.0	10.0	8.0

STATION = 03103500 SHENANGO RIVER AT SHARPSVILLE, PA
AVERAGE FLOW (INCH/MONTH) 1.46717
DRAINAGE AREA (SQ MI) 584.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.06538	0.04895	0.04663	0.04559	0.04455	0.04374	0.03934	0.03043
	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0
10	0.25712	0.24369	0.22229	0.19926	0.18618	0.17749	0.15331	0.10379
	4.0	3.0	3.0	3.0	2.0	2.0	2.0	1.0
20	1.00911	0.91701	0.87501	0.84365	0.79772	0.72089	0.59164	0.38625
	6.0	6.0	6.0	5.0	5.0	5.0	4.0	3.0
30	2.47599	2.23672	2.04719	1.75123	1.65663	1.57529	1.35279	0.94860
	10.0	10.0	10.0	10.0	6.0	6.0	6.0	4.0
40	4.17801	3.86454	3.51436	3.21840	2.85810	2.62780	2.34142	1.71440
	14.0	12.0	10.0	10.0	10.0	8.0	7.0	6.0
50	6.23205	5.62514	4.98153	4.68557	4.32527	3.80154	3.36844	2.63361
	14.0	12.0	10.0	10.0	10.0	8.0	7.0	7.0
55	7.25907	6.50544	5.71512	5.41916	5.05886	4.47306	3.95522	3.14711
	14.0	12.0	10.0	10.0	10.0	10.0	8.0	7.0
60	8.28609	7.38574	6.44870	6.15274	5.79244	5.20664	4.54209	3.66062
	14.0	12.0	10.0	10.0	10.0	10.0	8.0	7.0
65	9.89923	8.26605	7.18229	6.88633	6.52603	5.94023	5.12895	4.17413
	30.0	12.0	10.0	10.0	10.0	10.0	8.0	7.0
70	12.44225	9.80870	8.49971	7.61991	7.25961	6.67381	5.71582	4.68764
	36.0	27.0	18.0	10.0	10.0	10.0	8.0	7.0
75	15.08316	11.78938	9.82016	8.67124	7.99320	7.40740	6.30269	5.26415
	36.0	27.0	18.0	18.0	10.0	10.0	8.0	8.0
80	17.72407	13.77006	12.24604	9.99170	8.72678	8.14098	6.88956	5.85102
	36.0	27.0	27.0	18.0	10.0	10.0	8.0	8.0
85	20.36497	17.72930	15.76725	12.67603	9.95449	8.87457	7.47643	6.43789
	36.0	36.0	36.0	36.0	18.0	10.0	8.0	8.0
90	23.91978	21.69066	19.28845	16.19723	11.36367	9.60815	8.10657	7.02475
	54.0	54.0	48.0	48.0	30.0	10.0	10.0	8.0
95	27.88114	25.65202	22.80966	19.71844	14.01628	11.73938	8.84016	7.61162
	54.0	54.0	48.0	48.0	48.0	48.0	10.0	8.0
100	32.26982	29.84759	26.33087	23.45130	17.97764	16.14089	9.57374	8.19849
	60.0	60.0	48.0	48.0	48.0	48.0	10.0	8.0

STATION = 03104000 SHENANGO RIVER AT SHARON, PA
AVERAGE FLOW (INCH/MONTH) 1.28648
DRAINAGE AREA (SQ MI) 608.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.01058	0.00988	0.00930	0.00884	0.00814	0.00698	0.00615	0.00146
	2.0	2.0	2.0	2.0	2.0	2.0	1.0	0.5
5	0.23207	0.22235	0.20719	0.19423	0.17851	0.17388	0.14726	0.07960
	5.0	5.0	5.0	5.0	4.0	4.0	4.0	2.0
10	0.61904	0.58144	0.56039	0.54234	0.50000	0.48403	0.42387	0.20825
	7.0	6.0	6.0	6.0	5.0	5.0	5.0	2.0
20	1.51957	1.45350	1.38512	1.31423	1.26829	1.24342	1.08467	0.56385
	7.0	7.0	7.0	6.0	6.0	6.0	6.0	3.0
30	2.54050	2.35404	2.28566	2.20351	2.09302	2.01530	1.85655	1.00843
	8.0	7.0	7.0	7.0	7.0	6.0	6.0	4.0
40	3.56969	3.25457	3.18619	3.10404	2.99355	2.85054	2.62844	1.56543
	8.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
50	5.23252	4.34970	4.20873	4.07590	3.89409	3.75108	3.41993	2.46597
	16.0	16.0	8.0	8.0	7.0	7.0	7.0	7.0
55	6.39219	5.44238	4.89465	4.59049	4.34436	4.20135	3.87020	2.91624
	42.0	42.0	18.0	8.0	7.0	7.0	7.0	7.0
60	9.33444	8.14399	6.54118	5.34264	4.79463	4.65162	4.32047	3.36651
	48.0	42.0	36.0	18.0	7.0	7.0	7.0	7.0
65	12.42200	10.84559	8.85684	7.04071	5.84705	5.28607	4.77073	3.81677
	48.0	42.0	36.0	30.0	24.0	18.0	7.0	7.0
70	16.02933	13.54720	11.17251	8.97043	7.39082	6.44390	5.22100	4.26704
	60.0	42.0	36.0	30.0	24.0	18.0	7.0	7.0
75	19.88877	16.24881	13.48817	10.90015	8.93460	7.60173	5.67127	4.71731
	60.0	42.0	36.0	30.0	24.0	18.0	7.0	7.0
80	23.74821	18.95042	15.80383	12.82987	10.47838	8.87633	6.35674	5.16758
	60.0	42.0	36.0	30.0	24.0	21.0	16.0	7.0
85	27.60765	21.65203	18.48688	14.75959	12.02215	10.40105	7.38593	5.61785
	60.0	42.0	42.0	30.0	24.0	24.0	16.0	7.0
90	31.46709	24.35363	21.29731	16.69239	13.56593	11.94483	8.42865	6.06811
	60.0	42.0	42.0	42.0	24.0	24.0	18.0	7.0
95	35.32653	27.05524	25.15675	20.41966	16.22295	14.29049	9.58648	6.51838
	60.0	42.0	42.0	42.0	42.0	42.0	18.0	7.0
100	39.18597	30.84811	29.01619	24.27910	18.92456	16.99210	10.74431	6.96865
	60.0	60.0	60.0	60.0	42.0	42.0	18.0	7.0

STATION = 03104500 SHENANGO RIVER AT NEW CASTLE, PA
AVERAGE FLOW (INCH/MONTH) 1.23590
DRAINAGE AREA (SQ MI) 792.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.01049	0.00979	0.00945	0.00887	0.00840	0.00783	0.00681	0.00097
	2.0	2.0	2.0	2.0	2.0	2.0	1.0	0.5
5	0.22647	0.21028	0.20380	0.18518	0.16840	0.15959	0.13425	0.07870
	5.0	5.0	5.0	5.0	5.0	4.0	4.0	2.0
10	0.59113	0.56359	0.53709	0.51997	0.48758	0.45631	0.40136	0.20809
	6.0	6.0	6.0	6.0	6.0	5.0	5.0	3.0
20	1.47552	1.41404	1.32368	1.26151	1.22912	1.18896	1.02617	0.57886
	8.0	7.0	7.0	6.0	6.0	6.0	6.0	3.0
30	2.46424	2.27917	2.18881	2.09151	2.03284	1.93050	1.76771	1.07639
	8.0	7.0	7.0	7.0	7.0	6.0	6.0	6.0
40	3.45296	3.15260	3.07114	2.95664	2.89797	2.76329	2.50925	1.81793
	8.0	8.0	8.0	7.0	7.0	7.0	6.0	6.0
50	4.90482	4.26765	4.05986	3.89556	3.76310	3.62842	3.25079	2.61672
	16.0	16.0	8.0	8.0	7.0	7.0	6.0	6.0
55	6.29723	5.25637	4.66188	4.38992	4.19567	4.06099	3.68311	3.04929
	48.0	16.0	16.0	8.0	7.0	7.0	7.0	7.0
60	9.26339	7.10818	5.86365	5.10079	4.64999	4.49355	4.11567	3.48185
	48.0	42.0	30.0	18.0	8.0	7.0	7.0	7.0
65	12.22955	9.70357	8.02924	6.21310	5.48290	4.95622	4.54823	3.91442
	48.0	42.0	42.0	18.0	18.0	8.0	7.0	7.0
70	15.19571	12.29896	10.62463	7.99665	6.59521	5.90575	4.98080	4.34698
	48.0	42.0	42.0	30.0	18.0	18.0	7.0	7.0
75	18.16187	14.89435	13.22002	9.85050	8.04661	7.01806	5.41337	4.77955
	48.0	42.0	42.0	30.0	24.0	18.0	7.0	7.0
80	21.14599	17.48974	15.81541	11.70435	9.52969	8.18106	5.96039	5.21211
	54.0	42.0	42.0	30.0	24.0	24.0	16.0	7.0
85	24.75617	20.08513	18.41080	13.55820	11.01277	9.66414	6.98440	5.64467
	60.0	42.0	42.0	30.0	24.0	24.0	18.0	7.0
90	28.46387	22.68052	21.00619	15.59595	12.95353	11.14722	8.09671	6.07724
	60.0	42.0	42.0	42.0	42.0	24.0	18.0	7.0
95	32.17157	25.27591	23.80408	18.67422	15.54892	13.63081	9.20902	6.50981
	60.0	42.0	42.0	42.0	42.0	42.0	18.0	7.0
100	35.87927	28.47975	27.51178	22.01115	18.14431	16.22620	10.32133	6.94237
	60.0	60.0	60.0	54.0	42.0	42.0	18.0	7.0

STATION = 03105500 BEAVER RIVER AT WAMPUM, PA
AVERAGE FLOW (INCH/MONTH) 1.25579
DRAINAGE AREA (SQ MI) 2235.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.04667	0.03834	0.03626	0.03244	0.02889	0.02865	0.02704	0.01847
	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0
10	0.22475	0.19601	0.17507	0.15802	0.15061	0.14702	0.12111	0.08126
	4.0	3.0	3.0	2.0	2.0	2.0	2.0	1.0
20	0.78765	0.68344	0.67580	0.62987	0.56994	0.51903	0.37559	0.24616
	5.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0
30	1.50638	1.38547	1.24651	1.13219	1.07226	1.02135	0.77872	0.49731
	6.0	6.0	5.0	4.0	4.0	4.0	4.0	2.0
40	2.25986	2.13895	1.98473	1.73955	1.59140	1.52366	1.28103	0.76680
	6.0	6.0	6.0	6.0	5.0	4.0	4.0	3.0
50	3.09280	2.89242	2.73820	2.49302	2.27492	2.14454	1.78335	1.14353
	7.0	6.0	6.0	6.0	6.0	5.0	4.0	3.0
55	3.53233	3.26916	3.11494	2.86976	2.65166	2.50634	2.04255	1.33190
	7.0	6.0	6.0	6.0	6.0	6.0	5.0	3.0
60	3.97186	3.64766	3.49167	3.24649	3.02839	2.88307	2.35650	1.52027
	7.0	7.0	6.0	6.0	6.0	6.0	5.0	3.0
65	4.41138	4.08718	3.88297	3.64867	3.40513	3.25981	2.67045	1.72655
	7.0	7.0	7.0	7.0	6.0	6.0	5.0	4.0
70	5.64433	4.78655	4.32250	4.08820	3.78187	3.63655	3.06087	2.04657
	21.0	16.0	7.0	7.0	6.0	6.0	6.0	6.0
75	7.51253	5.79118	4.85797	4.52773	4.16304	4.01328	3.50040	2.42330
	42.0	16.0	16.0	7.0	7.0	6.0	6.0	6.0
80	10.14969	7.10658	5.98819	5.21067	4.63888	4.39002	3.93992	2.80004
	42.0	42.0	18.0	18.0	8.0	6.0	6.0	6.0
85	12.80165	10.49721	8.08481	6.96435	5.66761	5.28486	4.37945	3.17678
	54.0	54.0	54.0	54.0	18.0	18.0	7.0	6.0
90	16.19228	13.88784	11.47544	10.35498	7.89486	6.41507	4.81898	3.55352
	54.0	54.0	54.0	54.0	48.0	18.0	7.0	6.0
95	19.58292	17.27848	14.90120	14.03401	11.02181	9.91570	5.57883	3.93868
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0
100	22.97355	20.66911	18.66857	17.80138	14.78918	13.68307	7.46251	4.37821
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	7.0

STATION = 03106000 CONNOQUENESSING CREEK AT ZELIENOPLE, PA
AVERAGE FLOW (INCH/MONTH) 1.47353
DRAINAGE AREA(SQ MI) 356.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00253	0.00253	0.00240	0.00240	0.00240	0.00240	0.00240	0.00038
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5
5	0.18893	0.17798	0.16108	0.15205	0.13305	0.12491	0.09928	0.05601
	4.0	4.0	4.0	4.0	3.0	3.0	2.0	1.0
10	0.65054	0.51502	0.48959	0.45718	0.41827	0.39411	0.31148	0.19006
	7.0	6.0	5.0	5.0	4.0	4.0	3.0	2.0
20	1.68201	1.54151	1.43635	1.31914	1.16888	1.11980	0.88142	0.59168
	7.0	7.0	7.0	7.0	6.0	6.0	4.0	3.0
30	2.84238	2.72033	2.61517	2.42166	2.15073	2.00391	1.60496	1.17575
	8.0	8.0	8.0	8.0	7.0	6.0	5.0	4.0
40	4.02121	3.89916	3.79400	3.60049	3.28008	3.02617	2.48459	1.76516
	8.0	8.0	8.0	8.0	8.0	8.0	6.0	4.0
50	6.08606	5.07798	4.97282	4.77931	4.45890	4.20499	3.36871	2.35457
	18.0	8.0	8.0	8.0	8.0	8.0	6.0	4.0
55	7.41224	5.66739	5.56223	5.36872	5.04831	4.79440	3.81077	2.64928
	18.0	8.0	8.0	8.0	8.0	8.0	6.0	4.0
60	8.73841	6.78469	6.15164	5.95813	5.63772	5.38381	4.25283	2.94398
	18.0	18.0	8.0	8.0	8.0	8.0	6.0	4.0
65	10.06459	8.11087	6.74106	6.54755	6.22714	5.97323	4.81125	3.23869
	18.0	18.0	8.0	8.0	8.0	8.0	8.0	4.0
70	11.39077	9.43705	7.73177	7.13696	6.81655	6.56264	5.40269	3.53339
	18.0	18.0	18.0	8.0	8.0	8.0	8.0	4.0
75	12.71695	10.76323	9.05795	7.76272	7.43774	7.15205	6.13946	3.93794
	18.0	18.0	18.0	10.0	10.0	8.0	8.0	7.0
80	15.00753	12.18672	10.38412	8.72054	8.17450	7.88283	6.87622	4.45368
	36.0	30.0	18.0	18.0	10.0	10.0	10.0	7.0
85	17.65989	14.39702	11.71030	10.04672	8.91127	8.61960	7.61299	4.96941
	36.0	30.0	18.0	18.0	10.0	10.0	10.0	7.0
90	20.31224	16.60731	13.87570	12.19090	9.86478	9.35636	8.34975	5.48515
	36.0	30.0	30.0	30.0	30.0	10.0	10.0	7.0
95	24.21803	19.91757	17.41217	14.74566	12.07507	10.09313	9.08651	6.00088
	60.0	48.0	48.0	48.0	30.0	10.0	10.0	7.0
100	28.63862	23.72000	21.55306	18.28213	14.30759	12.79417	9.82328	6.51662
	60.0	60.0	60.0	48.0	42.0	42.0	10.0	7.0

STATION = 03106500 SLIPPERY ROCK CREEK AT WURTEMBURG, PA
AVERAGE FLOW (INCH/MONTH) 1.61756
DRAINAGE AREA (SQ MI) 398.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.04953	0.04374	0.03923	0.03807	0.03541	0.03263	0.02638	0.01476
	2.0	2.0	1.0	1.0	1.0	1.0	1.0	0.5
10	0.28869	0.27214	0.26046	0.22992	0.20793	0.19717	0.15123	0.08968
	4.0	3.0	3.0	3.0	3.0	3.0	2.0	1.0
20	1.21503	1.01256	0.98930	0.91490	0.84027	0.80869	0.67446	0.43692
	6.0	6.0	6.0	5.0	5.0	5.0	4.0	3.0
30	2.32975	2.04235	1.95984	1.87121	1.77217	1.68945	1.42159	1.03558
	7.0	7.0	6.0	6.0	6.0	6.0	6.0	4.0
40	3.46204	3.17464	3.04899	2.88226	2.77674	2.65998	2.39212	1.79104
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
50	4.59433	4.31933	4.18128	4.01455	3.90903	3.71708	3.36266	2.59982
	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0
55	5.25647	4.96635	4.74743	4.58070	4.47518	4.28323	3.84793	3.00421
	21.0	8.0	7.0	7.0	7.0	7.0	6.0	5.0
60	6.95491	5.68948	5.31357	5.14684	5.04132	4.84937	4.33391	3.47619
	21.0	21.0	7.0	7.0	7.0	7.0	7.0	6.0
65	8.65334	7.38791	5.91774	5.71299	5.60747	5.41552	4.90006	3.96145
	21.0	21.0	10.0	7.0	7.0	7.0	7.0	6.0
70	10.35178	9.08635	7.15496	6.43946	6.17361	5.98166	5.46620	4.44672
	21.0	21.0	18.0	18.0	7.0	7.0	7.0	6.0
75	12.88425	10.90573	8.83223	7.89526	6.73976	6.54781	6.03235	4.93199
	42.0	30.0	30.0	18.0	7.0	7.0	7.0	6.0
80	16.28113	13.62159	11.72060	9.56665	7.89023	7.17820	6.59850	5.42991
	42.0	42.0	42.0	30.0	30.0	8.0	7.0	7.0
85	19.67800	17.01846	15.11747	11.99299	10.31657	8.52602	7.16464	5.99605
	42.0	42.0	42.0	30.0	30.0	18.0	7.0	7.0
90	24.46822	21.12743	19.04941	14.85526	12.74291	10.81115	7.74876	6.56220
	60.0	60.0	60.0	42.0	30.0	30.0	8.0	7.0
95	29.32090	25.98011	23.90209	18.79939	15.27649	13.35838	8.39579	7.12834
	60.0	60.0	60.0	54.0	42.0	42.0	8.0	7.0
100	34.17358	30.83279	28.75477	23.54955	19.35742	16.75526	9.79261	7.69449
	60.0	60.0	60.0	60.0	60.0	42.0	18.0	7.0

STATION = 03107500 BEAVER RIVER AT BEAVER FALLS, PA
AVERAGE FLOW (INCH/MONTH) 1.35697
DRAINAGE AREA (SQ MI) 3106.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.00939	0.00754	0.00650	0.00546	0.00407	0.00349	0.00095	0.00000
	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0
10	0.10351	0.09703	0.08384	0.07689	0.06787	0.06371	0.05841	0.04059
	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0
20	0.79959	0.72662	0.68729	0.61382	0.55180	0.48226	0.40271	0.24705
	6.0	5.0	5.0	5.0	5.0	5.0	4.0	2.0
30	1.61378	1.50849	1.46498	1.36710	1.24260	1.16074	0.94549	0.63830
	6.0	6.0	6.0	6.0	6.0	5.0	4.0	4.0
40	2.42796	2.32267	2.27916	2.18128	2.05678	1.95808	1.48828	1.18109
	6.0	6.0	6.0	6.0	6.0	6.0	4.0	4.0
50	3.24214	3.13685	3.09334	2.99546	2.87096	2.77226	2.29256	1.72388
	6.0	6.0	6.0	6.0	6.0	6.0	6.0	4.0
55	3.64923	3.54394	3.50043	3.40255	3.27805	3.17935	2.69965	1.99527
	6.0	6.0	6.0	6.0	6.0	6.0	6.0	4.0
60	4.23142	4.07221	3.90752	3.80964	3.68514	3.58644	3.10674	2.26667
	18.0	18.0	6.0	6.0	6.0	6.0	6.0	4.0
65	5.45269	5.29348	4.31461	4.21673	4.09223	3.99353	3.51383	2.53806
	18.0	18.0	6.0	6.0	6.0	6.0	6.0	4.0
70	7.48306	6.51475	5.09750	4.62382	4.49932	4.40062	3.92092	2.84570
	30.0	18.0	18.0	6.0	6.0	6.0	6.0	6.0
75	9.51852	7.73603	6.31878	5.33867	4.90642	4.80772	4.32802	3.25280
	30.0	18.0	18.0	18.0	6.0	6.0	6.0	6.0
80	11.55397	9.72633	8.17743	6.75221	5.62009	5.21481	4.74714	3.65989
	30.0	30.0	30.0	30.0	18.0	6.0	6.0	6.0
85	13.58942	11.76178	10.73639	8.78766	6.84136	5.79518	5.28993	4.06698
	30.0	30.0	30.0	30.0	18.0	18.0	8.0	6.0
90	17.54042	14.76228	13.58603	11.39682	9.61003	7.64830	5.83271	4.53268
	60.0	60.0	42.0	42.0	42.0	42.0	8.0	8.0
95	21.61133	18.83319	17.18154	15.33840	13.33628	11.13747	6.37550	5.07547
	60.0	60.0	60.0	60.0	60.0	60.0	8.0	8.0
100	25.68224	22.90410	21.25245	19.40931	17.40719	15.20838	7.13730	5.61826
	60.0	60.0	60.0	60.0	60.0	60.0	27.0	8.0

STATION = 03108000 RACCOON CREEK AT MOFATTS MILL, PA
AVERAGE FLOW (INCH/MONTH) 1.22182
DRAINAGE AREA (SQ MI) 178.0

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW

	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.06236	0.05646	0.05323	0.04802	0.04281	0.03760	0.03378	0.02661
	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0
10	0.33287	0.29550	0.24830	0.22204	0.21440	0.20168	0.14510	0.08770
	5.0	5.0	5.0	4.0	3.0	3.0	3.0	1.0
20	1.03495	0.97838	0.85921	0.78770	0.69988	0.64574	0.52344	0.32824
	6.0	6.0	5.0	5.0	5.0	4.0	4.0	3.0
30	1.76805	1.71148	1.58073	1.48320	1.33487	1.26660	1.01216	0.74165
	6.0	6.0	6.0	6.0	6.0	6.0	4.0	4.0
40	2.50114	2.44457	2.31382	2.21629	2.06796	1.99969	1.69922	1.23038
	6.0	6.0	6.0	6.0	6.0	6.0	6.0	4.0
50	3.23423	3.17766	3.04691	2.94938	2.80105	2.73278	2.43231	1.71911
	6.0	6.0	6.0	6.0	6.0	6.0	6.0	4.0
55	3.60078	3.54421	3.41346	3.31593	3.16760	3.09933	2.79886	1.96347
	6.0	6.0	6.0	6.0	6.0	6.0	6.0	4.0
60	4.47065	3.91075	3.78000	3.68247	3.53414	3.46587	3.16540	2.26002
	18.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
65	5.57028	4.27870	4.14655	4.04902	3.90069	3.83242	3.53195	2.62657
	18.0	18.0	6.0	6.0	6.0	6.0	6.0	6.0
70	6.66992	5.38286	4.79184	4.43768	4.26723	4.19896	3.89849	2.99311
	18.0	18.0	18.0	18.0	6.0	6.0	6.0	6.0
75	9.05345	7.03232	5.89148	5.53732	4.67661	4.56551	4.26504	3.35966
	54.0	27.0	18.0	18.0	18.0	6.0	6.0	6.0
80	12.35236	9.17077	6.99112	6.63696	5.77625	5.07150	4.63159	3.72621
	54.0	54.0	18.0	18.0	18.0	18.0	6.0	6.0
85	15.65128	12.46969	10.09918	8.07104	6.87589	6.17114	4.99813	4.09275
	54.0	54.0	54.0	54.0	18.0	18.0	6.0	6.0
90	18.95019	15.80054	13.76464	11.73650	8.47864	7.27077	5.36468	4.45930
	54.0	54.0	54.0	54.0	42.0	18.0	6.0	6.0
95	22.24911	19.46600	17.43010	15.40196	11.22752	9.55965	5.77116	4.82584
	54.0	54.0	54.0	54.0	54.0	42.0	18.0	6.0
100	25.54802	23.13146	21.09556	19.06742	14.89298	12.76034	6.89789	5.19239
	54.0	54.0	54.0	54.0	54.0	54.0	30.0	6.0

STATION = 03111150 BRUSH RUN NEAR BUFFALO, PA
AVERAGE FLOW (INCH/MONTH)1.11047 DRAINAGE
AREA (SQ MI) 10.3

RETURN PERIOD

DRAFT RATE AS PERCENT OF MEAN FLOW	100.0	50.0	30.8	20.0	13.3	10.0	5.0	2.0
1	0.00237	0.00237	0.00113	0.00113	0.00113	0.00113	0.00000	0.00000
	1.0	1.0	0.5	0.5	0.5	0.5	0.0	0.0
5	0.05836	0.04679	0.03796	0.03796	0.03796	0.02922	0.02038	0.01461
	2.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5
10	0.20145	0.17516	0.17516	0.14886	0.13436	0.11680	0.09924	0.05836
	3.0	3.0	3.0	3.0	2.0	2.0	2.0	1.0
20	0.67153	0.62768	0.58382	0.53995	0.50214	0.46702	0.39685	0.25107
	5.0	5.0	5.0	5.0	4.0	4.0	4.0	2.0
30	1.34894	1.22598	1.20891	1.10352	1.05122	1.00735	0.87576	0.63035
	7.0	7.0	6.0	6.0	5.0	5.0	5.0	4.0
40	2.12627	2.00331	1.88046	1.81903	1.75760	1.66451	1.50653	1.16762
	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.0
50	2.96720	2.78064	2.68636	2.59636	2.53493	2.41197	2.17281	1.80414
	8.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0
55	3.41139	3.20082	3.13055	2.98502	2.92359	2.80063	2.55492	2.13728
	8.0	8.0	8.0	7.0	7.0	7.0	7.0	6.0
60	3.85558	3.64501	3.57474	3.37368	3.31225	3.18929	2.94358	2.47042
	8.0	8.0	8.0	7.0	7.0	7.0	7.0	6.0
65	4.42482	4.08919	4.01892	3.76235	3.70092	3.57796	3.33225	2.84072
	14.0	8.0	8.0	7.0	7.0	7.0	7.0	7.0
70	5.20417	4.53338	4.46311	4.18227	4.11200	3.97158	3.72091	3.22938
	16.0	8.0	8.0	8.0	8.0	8.0	7.0	7.0
75	6.09255	4.97757	4.90730	4.62646	4.55619	4.41577	4.13483	3.61805
	16.0	8.0	8.0	8.0	8.0	8.0	8.0	7.0
80	6.98093	5.42176	5.35149	5.07065	5.00038	4.85996	4.57902	4.00671
	16.0	8.0	8.0	8.0	8.0	8.0	8.0	7.0
85	7.96747	6.13078	5.79568	5.51484	5.44457	5.30415	5.02321	4.39538
	24.0	18.0	8.0	8.0	8.0	8.0	8.0	7.0
90	9.30003	7.13020	6.23986	5.95902	5.88875	5.74833	5.46739	4.78404
	24.0	18.0	8.0	8.0	8.0	8.0	8.0	7.0
95	10.63260	8.12963	6.97734	6.40321	6.33294	6.19252	5.91158	5.17271
	24.0	18.0	18.0	8.0	8.0	8.0	8.0	7.0
100	11.96516	9.12905	7.97676	7.00577	6.77713	6.63671	6.35577	5.58340
	24.0	18.0	18.0	12.0	8.0	8.0	8.0	8.0